

Data File : BF118568.D
Acq On : 17 Jan 2020 19:59
Operator : JU
Sample : L1005-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Quant Time: Jan 18 01:05:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	347104	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1283489	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	715433	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1331768	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1104596	20.00	ng	0.00
87) Perylene-d12	15.52	264	1087922	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2678883	142.60	ng	0.02
7) Phenol-d6	6.52	99	3393556	137.87	ng	0.00
23) Nitrobenzene-d5	7.45	82	2197689	105.75	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1252217	158.33	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4095703	103.35	ng	0.00
79) Terphenyl-d14	13.00	244	5039362	90.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	406067	44.987	ng	# 83
3) Pyridine	3.56	79	676812	27.150	ng	100
4) n-Nitrosodimethylamine	3.48	42	544896	47.656	ng	99
6) Aniline	6.55	93	414295	12.859	ng	99
8) 2-Chlorophenol	6.68	128	1093671	51.190	ng	95
9) Benzaldehyde	6.43	77	175769	13.949	ng	97
10) Phenol	6.53	94	1250405	46.301	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	1037837	47.981	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1177574	46.349	ng	99
13) 1,4-Dichlorobenzene	6.91	146	1195680	46.846	ng	98
14) 1,2-Dichlorobenzene	7.06	146	1142073	47.825	ng	98
15) Benzyl Alcohol	7.03	79	991159	49.065	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1403651	44.236	ng	99
17) 2-Methylphenol	7.13	107	899141	49.581	ng	99
18) Hexachloroethane	7.41	117	425631	45.760	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	836367	47.382	ng	99
20) 3+4-Methylphenols	7.29	107	1120417	51.664	ng	96
22) Acetophenone	7.30	105	1473446	47.307	ng	# 95
24) Nitrobenzene	7.47	77	1172722	53.065	ng	99
25) Isophorone	7.71	82	2136815	47.377	ng	99
26) 2-Nitrophenol	7.79	139	505933	52.325	ng	95
27) 2,4-Dimethylphenol	7.82	122	1012055	56.421	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	1306946	45.100	ng	99
29) 2,4-Dichlorophenol	8.03	162	968583	49.057	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	1056895	45.933	ng	99
31) Naphthalene	8.19	128	3023839	49.957	ng	99
32) Benzoic acid	7.93	122	569422	46.611	ng	98
33) 4-Chloroaniline	8.23	127	133595	4.750	ng	95
34) Hexachlorobutadiene	8.32	225	627453	43.719	ng	100
35) Caprolactam	8.60	113	155386	25.298	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	978714	50.004	ng	99
37) 2-Methylnaphthalene	8.89	142	2150024	50.138	ng	99
38) 1-Methylnaphthalene	8.99	142	2037170	50.215	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1070712	46.400	ng	99

Data File : BF118568.D
Acq On : 17 Jan 2020 19:59
Operator : JU
Sample : L1005-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Quant Time: Jan 18 01:05:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1330693	110.370	ng	97
43) 2,4,6-Trichlorophenol	9.16	196	740320	50.354	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	791322	53.236	ng	98
46) 1,1'-Biphenyl	9.35	154	2569275	50.259	ng	99
47) 2-Chloronaphthalene	9.37	162	2062072	47.858	ng	98
48) 2-Nitroaniline	9.46	65	594322	53.033	ng	97
49) Acenaphthylene	9.79	152	3120081	51.286	ng	99
50) Dimethylphthalate	9.65	163	2380336	48.458	ng	99
51) 2,6-Dinitrotoluene	9.70	165	541613	57.789	ng	94
52) Acenaphthene	9.96	154	2141825	53.741	ng	98
53) 3-Nitroaniline	9.87	138	157170	14.803	ng	# 94
54) 2,4-Dinitrophenol	9.97	184	440056	106.084	ng	# 1
55) Dibenzofuran	10.13	168	2884863	51.150	ng	97
56) 4-Nitrophenol	10.03	139	960666	122.488	ng	97
57) 2,4-Dinitrotoluene	10.11	165	711845	56.614	ng	95
58) Fluorene	10.48	166	2275977	52.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	688870	54.171	ng	97
60) Diethylphthalate	10.35	149	2374314	49.511	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	1203161	50.356	ng	98
62) 4-Nitroaniline	10.49	138	461377	43.753	ng	98
63) Azobenzene	10.63	77	2353739	50.359	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	319486	56.728	ng	89
66) n-Nitrosodiphenylamine	10.59	169	2034938	47.554	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	811097	45.498	ng	# 94
68) Hexachlorobenzene	11.03	284	898159	45.464	ng	97
69) Atrazine	11.11	200	616360	49.913	ng	99
70) Pentachlorophenol	11.22	266	1073002	110.517	ng	99
71) Phenanthrene	11.44	178	3329506	49.738	ng	99
72) Anthracene	11.49	178	3401064	50.923	ng	100
73) Carbazole	11.64	167	3000332	49.811	ng	100
74) Di-n-butylphthalate	11.97	149	3527888	47.130	ng	99
75) Fluoranthene	12.63	202	3636672	50.517	ng	99
77) Benzidine	12.73	184	25525	0.951	ng	# 93
78) Pyrene	12.85	202	3661071	44.407	ng	99
80) Butylbenzylphthalate	13.47	149	1625460	45.995	ng	94
81) Benzo(a)anthracene	14.04	228	3326831	47.715	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	311386	12.729	ng	98
83) Chrysene	14.08	228	3232187	48.195	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2147552	48.959	ng	99
85) Di-n-octyl phthalate	14.64	149	3585907	53.385	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	3515985	53.276	ng	100
88) Benzo(b)fluoranthene	15.09	252	3532994	49.861	ng	100
89) Benzo(k)fluoranthene	15.13	252	2920151	45.600	ng	98
90) Benzo(a)pyrene	15.46	252	2890553	46.883	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	2927128	50.832	ng	100
92) Benzo(g,h,i)perylene	17.46	276	2919112	52.480	ng	99

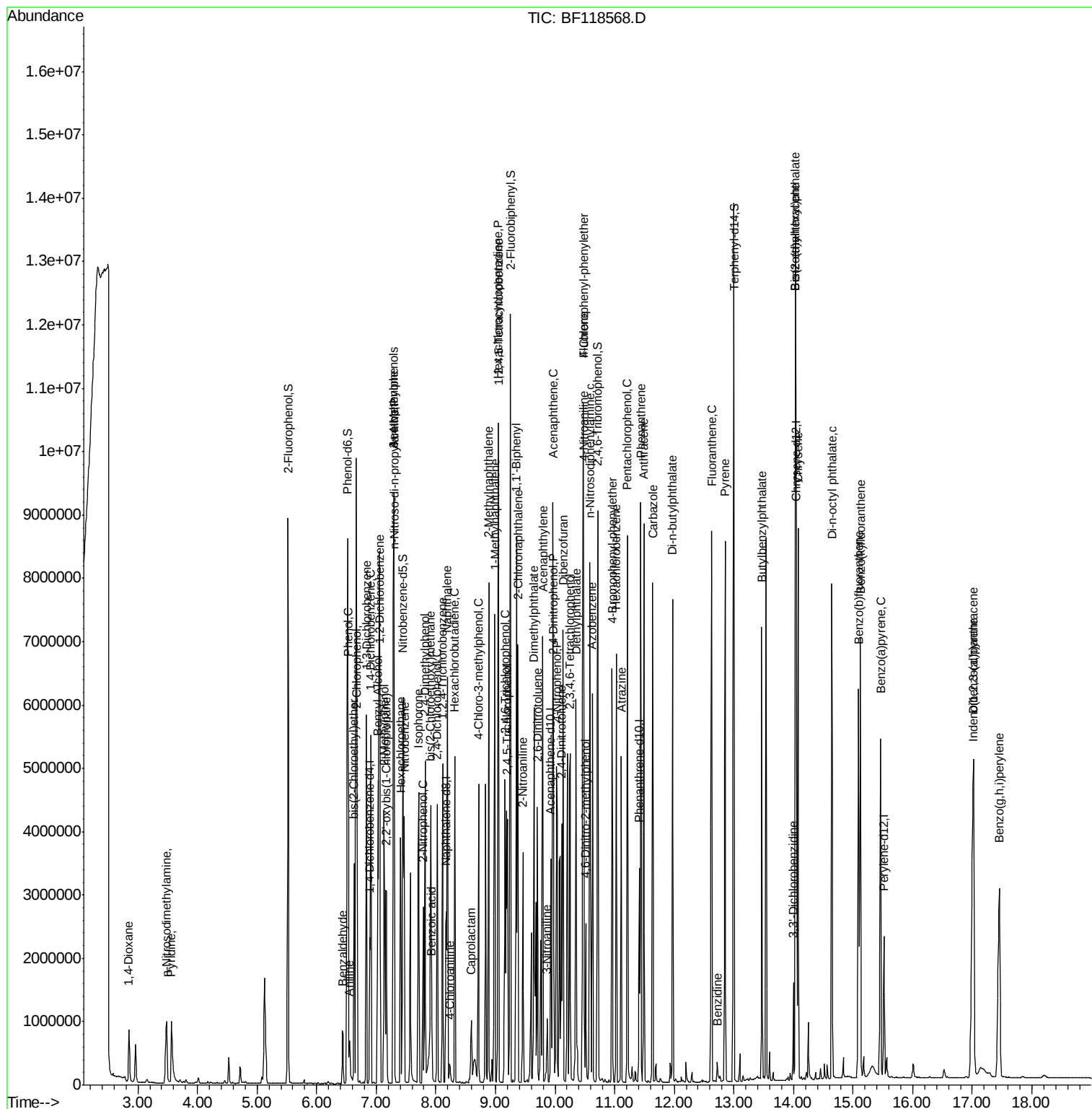
(#) = qualifier out of range (m) = manual integration (+) = signals summed

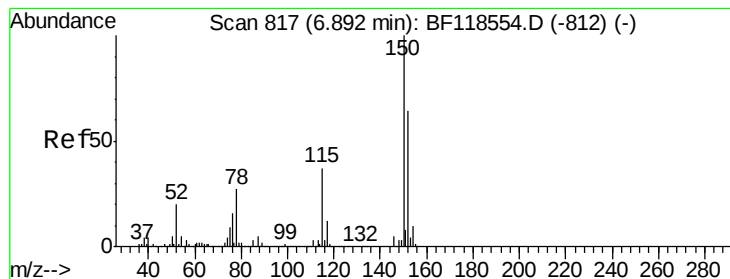
Data File : BF118568.D

```
Acq On       : 17 Jan 2020 19:59
Operator    : JU
Sample      : L1005-05MS
Misc       :
ALS Vial    : 9      Sample Multipl
```

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Quant Time: Jan 18 01:05:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration



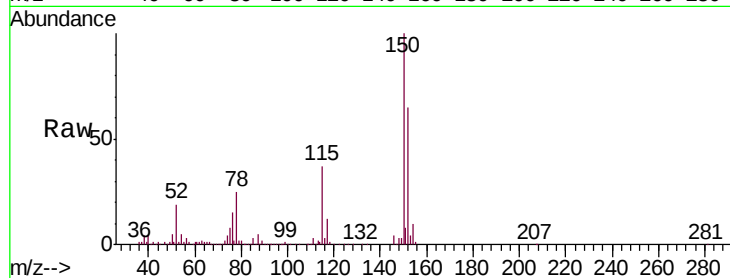


#1

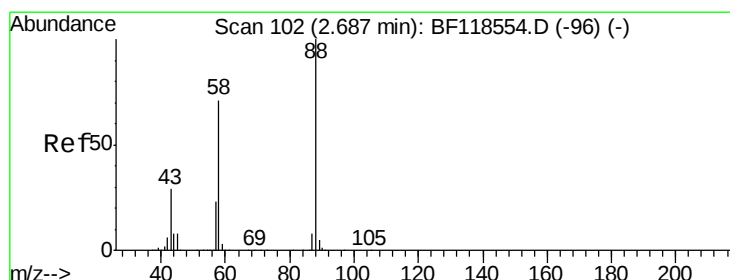
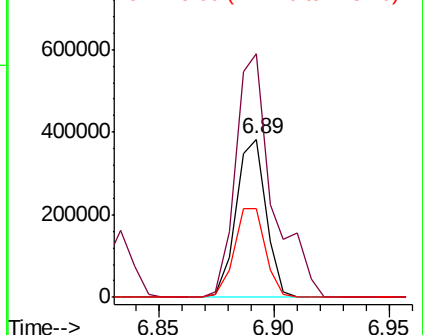
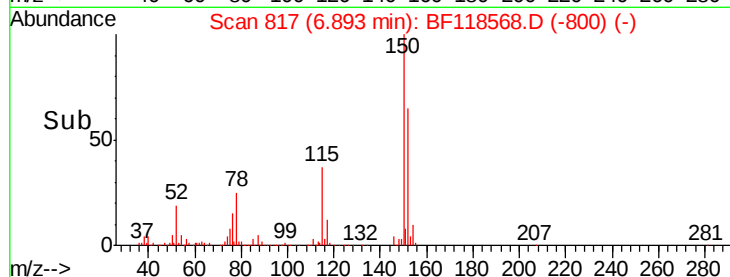
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Tgt Ion:152 Resp: 347104
Ion Ratio Lower Upper
152 100
150 153.8 124.9 187.3
115 56.2 45.8 68.6



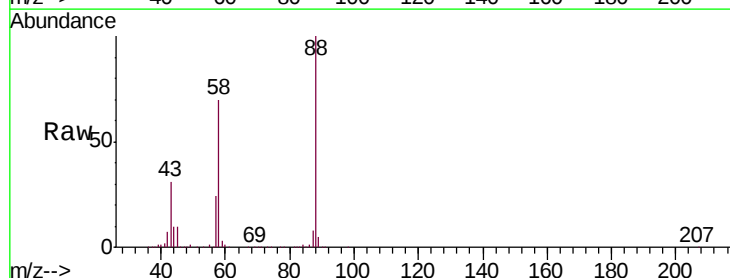
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



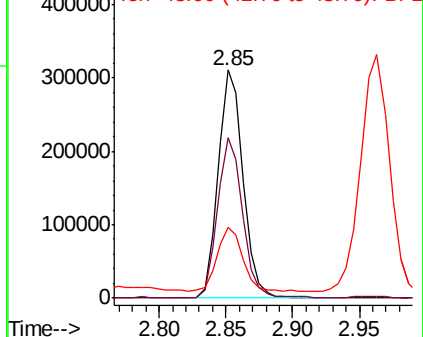
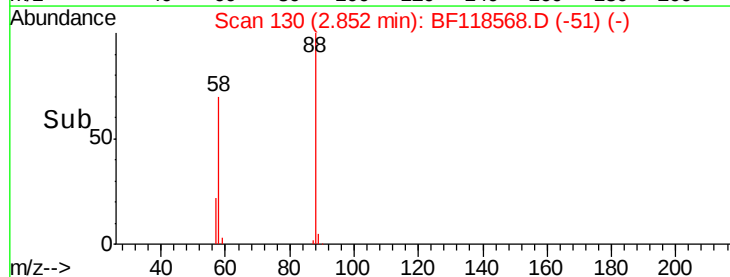
#2

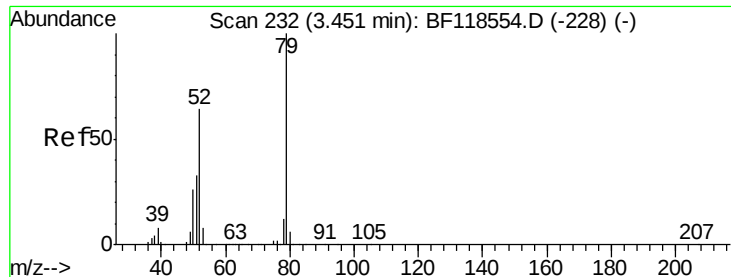
1,4-Dioxane
Concen: 44.987 ng
RT: 2.85 min Scan# 130
Delta R.T. 0.16 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion: 88 Resp: 406067
Ion Ratio Lower Upper
88 100
58 69.8 56.7 85.1
43 0.0 23.3 34.9#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

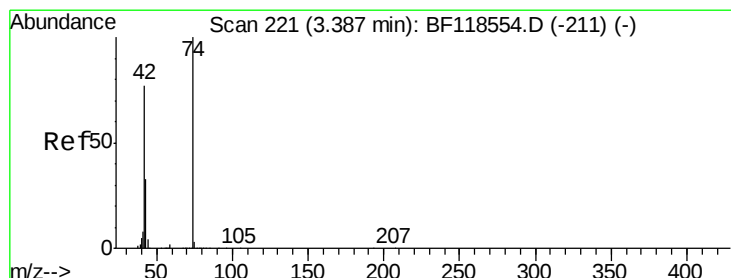
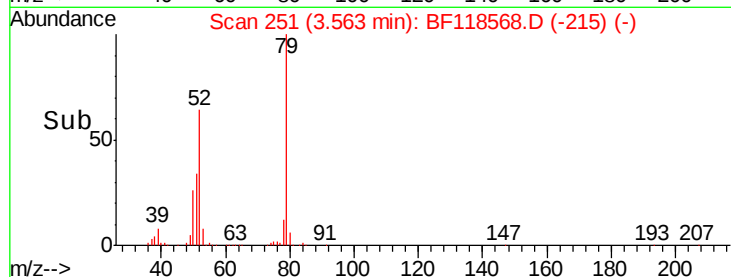
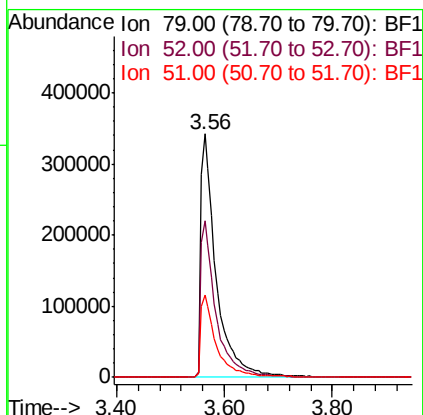
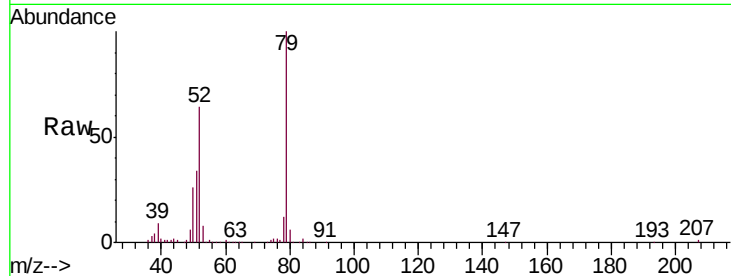




#3
 Pyridine
 Concen: 27.150 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.11 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

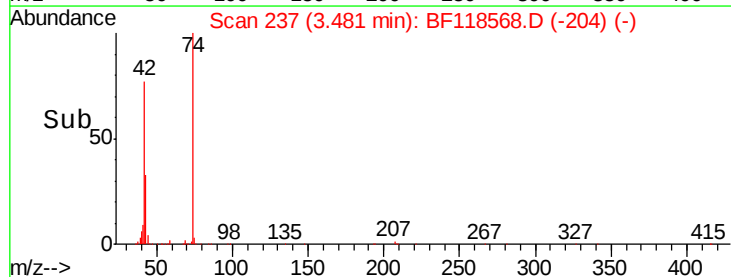
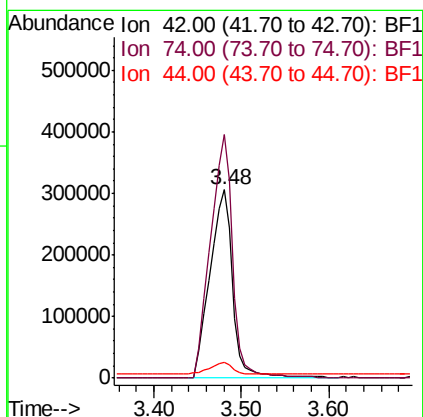
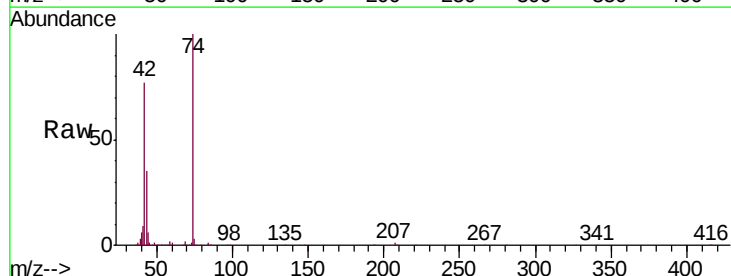
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

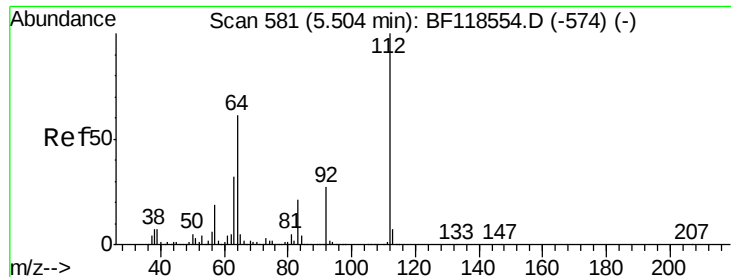
Tgt Ion: 79 Resp: 676812
 Ion Ratio Lower Upper
 79 100
 52 64.1 51.3 76.9
 51 33.9 26.7 40.1



#4
 n-Nitrosodimethylamine
 Concen: 47.656 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.09 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion: 42 Resp: 544896
 Ion Ratio Lower Upper
 42 100
 74 129.5 103.1 154.7
 44 8.1 5.4 8.2





#5

2-Fluorophenol

Concen: 142.604 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

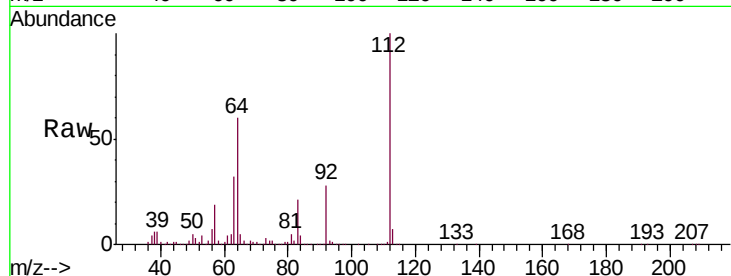
Tgt Ion: 112 Resp: 2678883

Ion Ratio Lower Upper

112 100

64 60.0 49.1 73.7

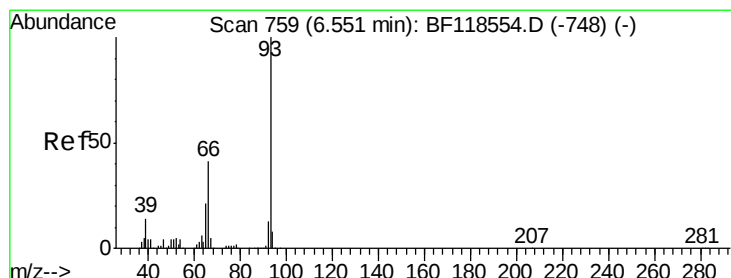
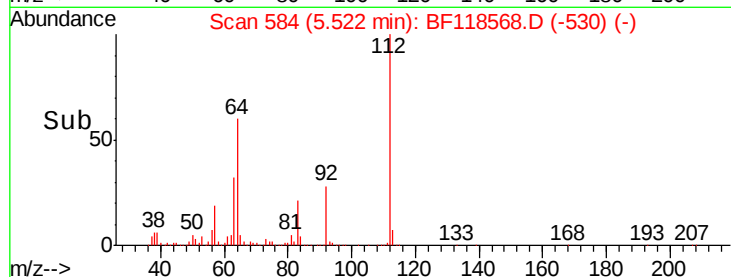
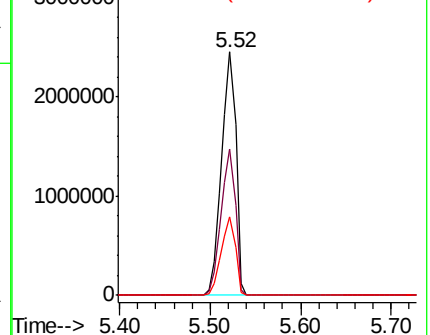
63 32.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.859 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

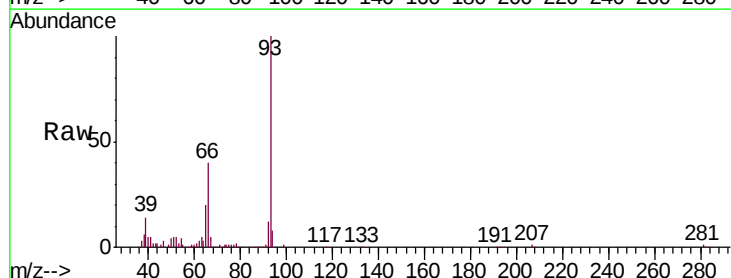
Tgt Ion: 93 Resp: 414295

Ion Ratio Lower Upper

93 100

66 39.9 32.9 49.3

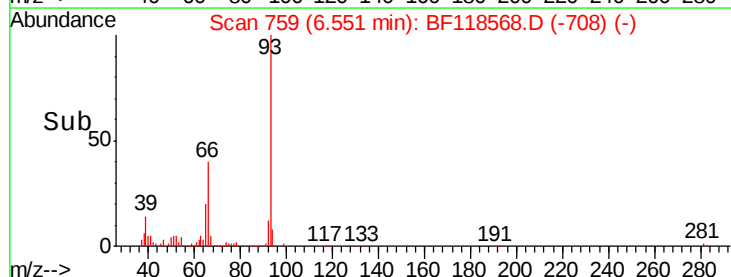
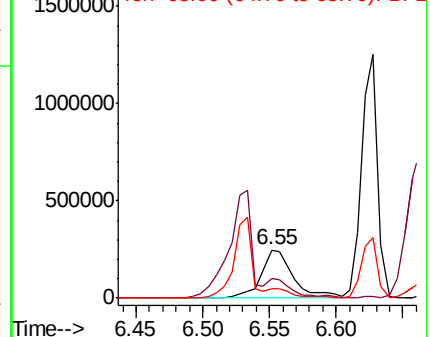
65 20.3 16.5 24.7

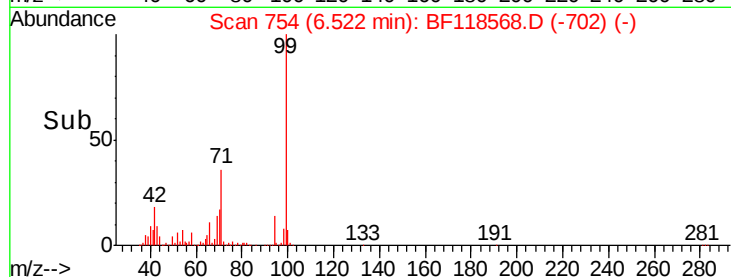
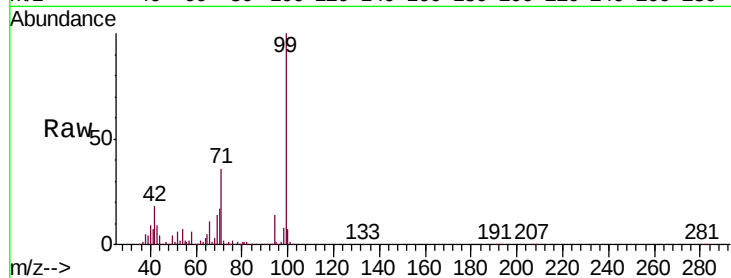
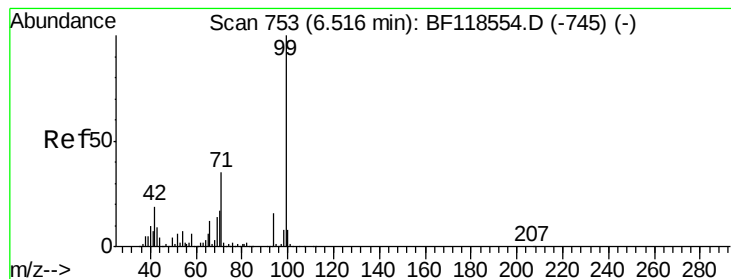


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 137.867 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

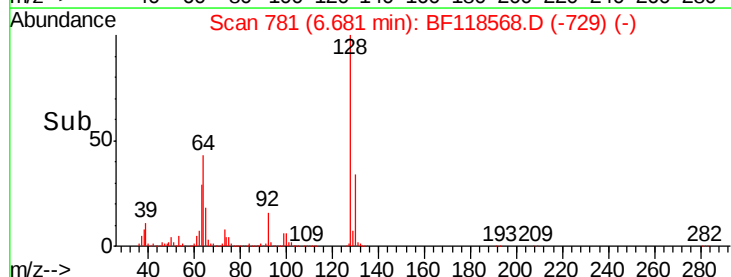
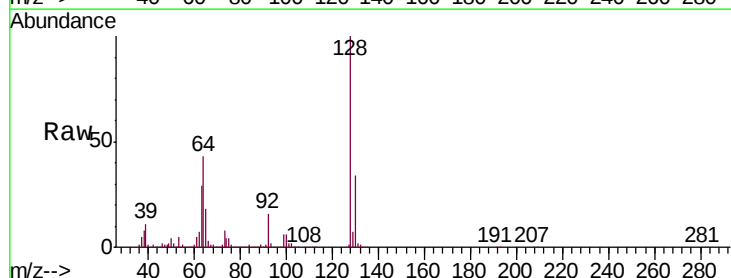
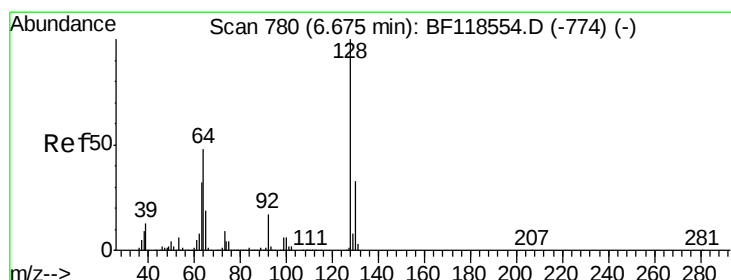
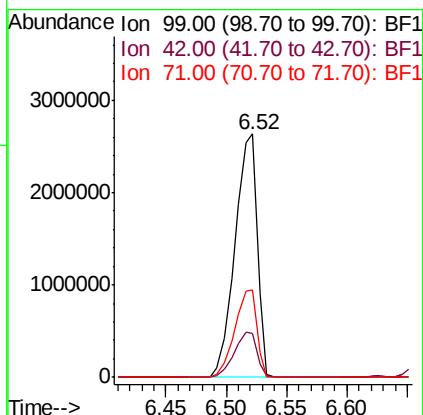
Tgt Ion: 99 Resp: 3393556

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

71 35.8 28.3 42.5



#8

2-Chlorophenol

Concen: 51.190 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

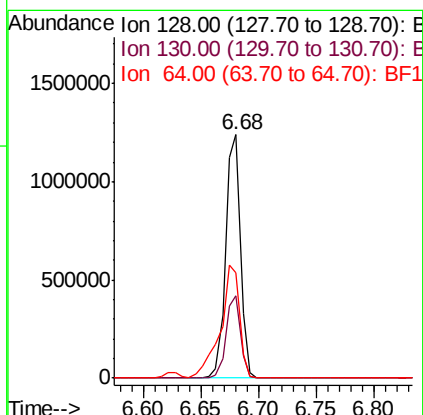
Tgt Ion: 128 Resp: 1093671

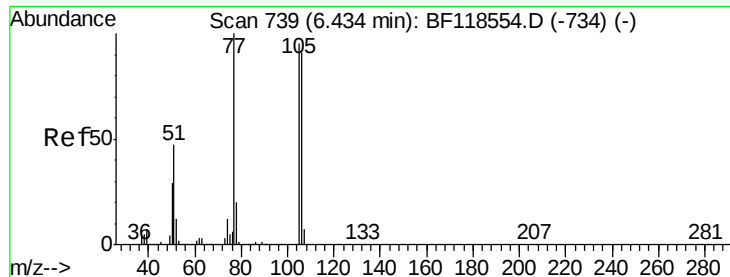
Ion Ratio Lower Upper

128 100

130 33.6 13.2 53.2

64 43.4 28.9 68.9





#9

Benzaldehyde

Concen: 13.949 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

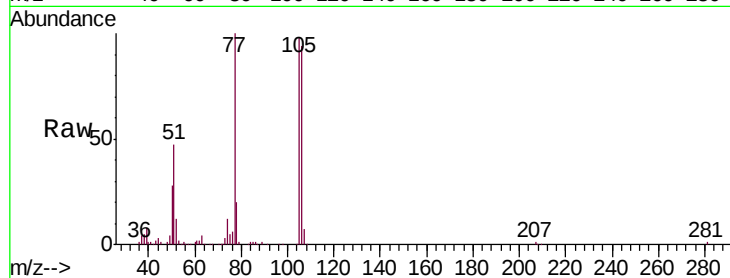
Tgt Ion: 77 Resp: 175769

Ion Ratio Lower Upper

77 100

105 98.1 75.2 115.2

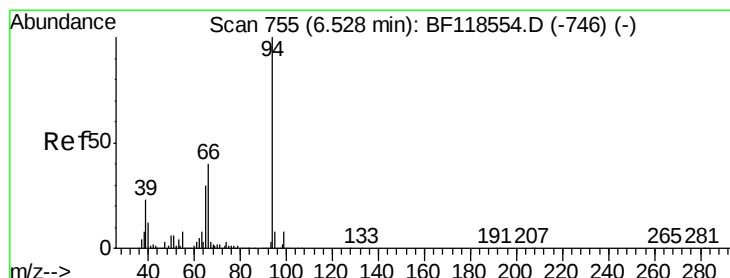
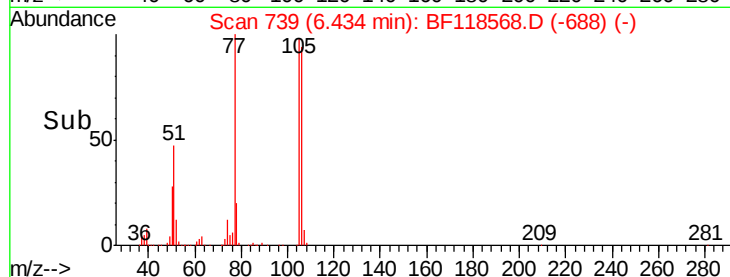
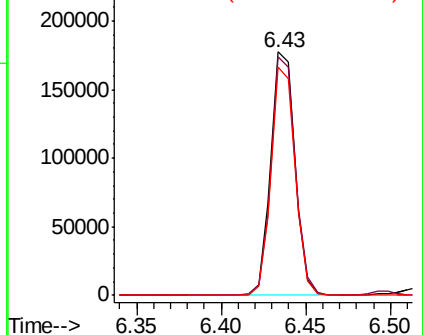
106 93.8 71.4 111.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.301 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

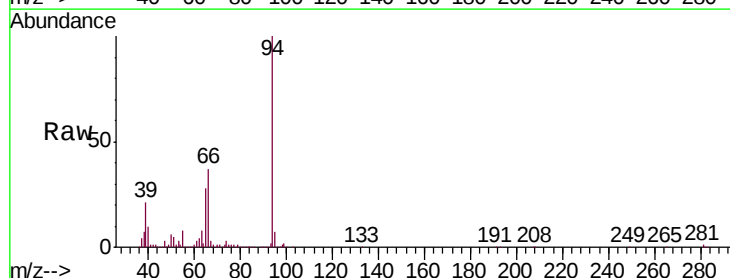
Tgt Ion: 94 Resp: 1250405

Ion Ratio Lower Upper

94 100

65 27.9 9.8 49.8

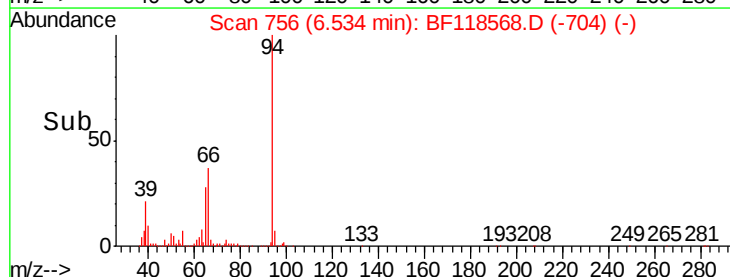
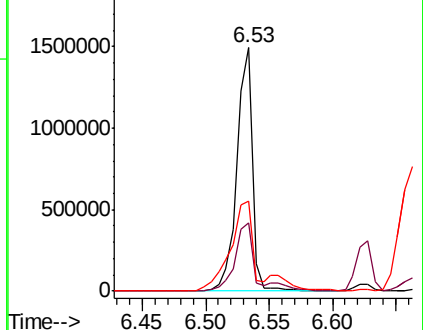
66 37.0 19.5 59.5

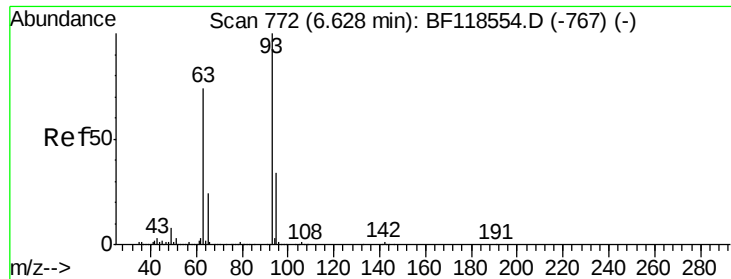


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

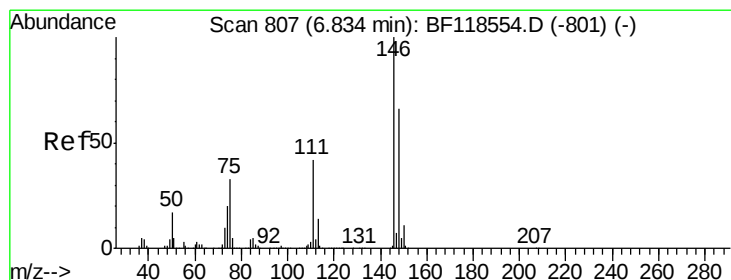
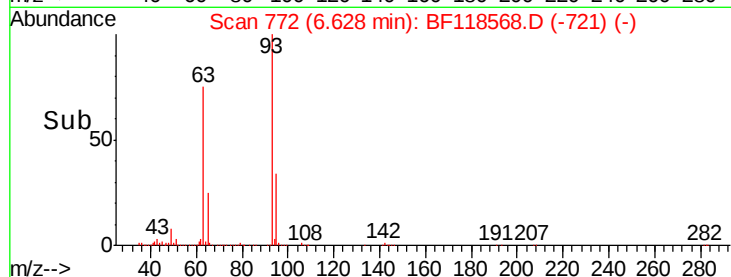
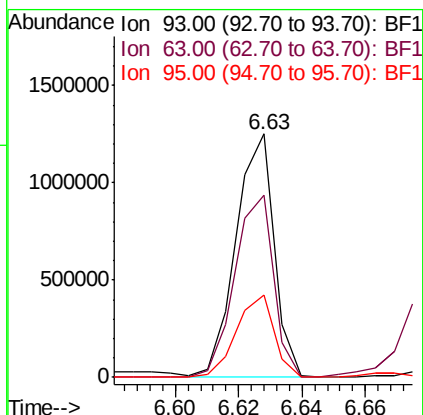
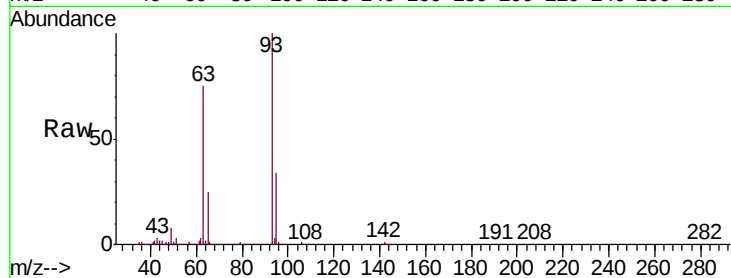




#11
bis(2-Chloroethyl)ether
Concen: 47.981 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

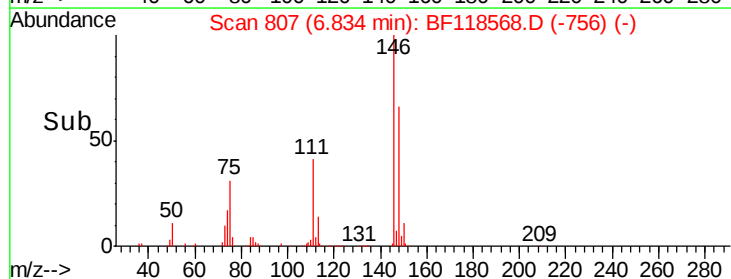
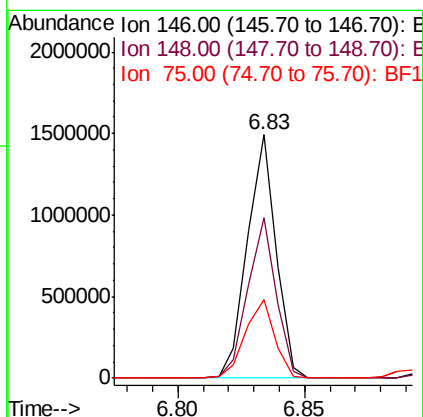
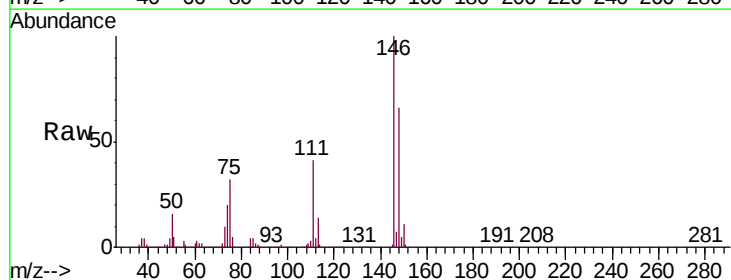
Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

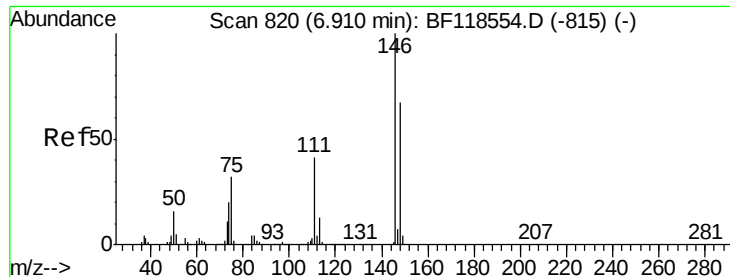
Tgt Ion: 93 Resp: 1037837
Ion Ratio Lower Upper
93 100
63 74.9 54.0 94.0
95 33.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 46.349 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion: 146 Resp: 1177574
Ion Ratio Lower Upper
146 100
148 65.7 53.0 79.6
75 32.0 26.5 39.7

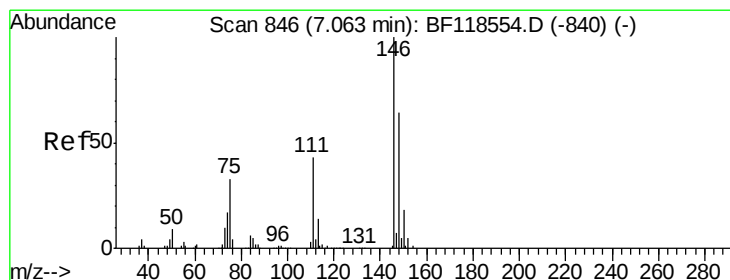
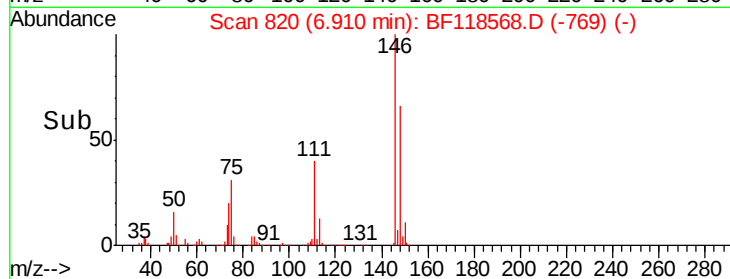
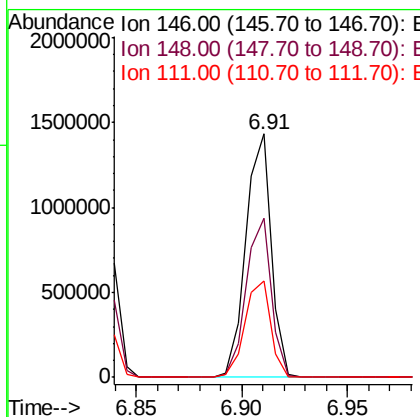
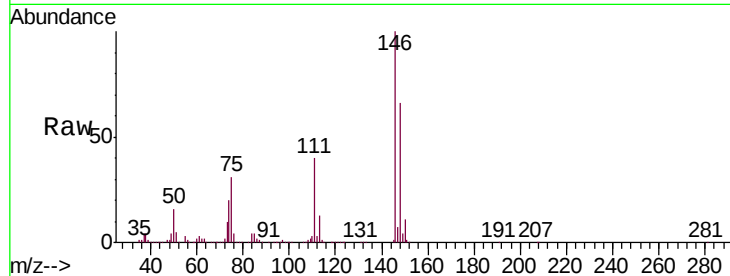




#13
 1,4-Dichlorobenzene
 Concen: 46.846 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

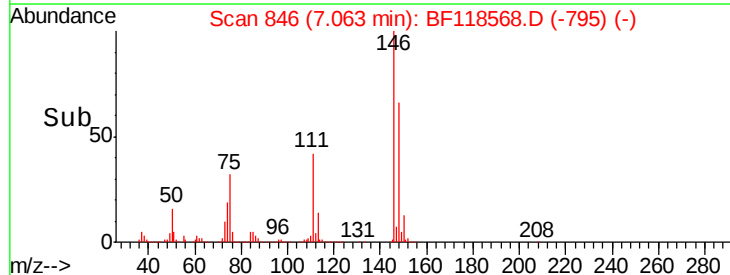
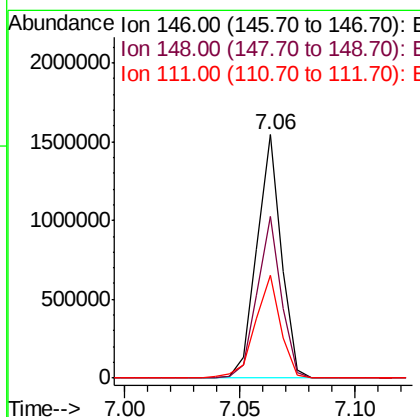
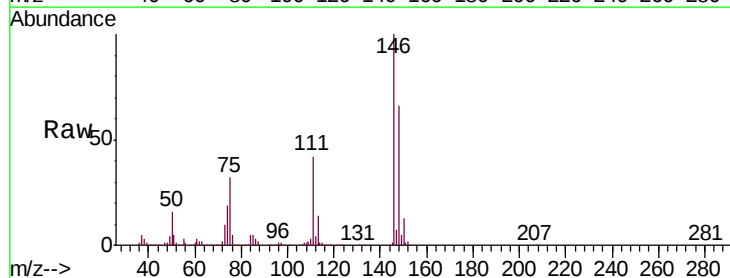
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion:146 Resp: 1195680
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.4 80.2
 111 39.8 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 47.825 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion:146 Resp: 1142073
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.2 76.8
 111 42.0 34.6 52.0





#15

Benzyl Alcohol

Concen: 49.065 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

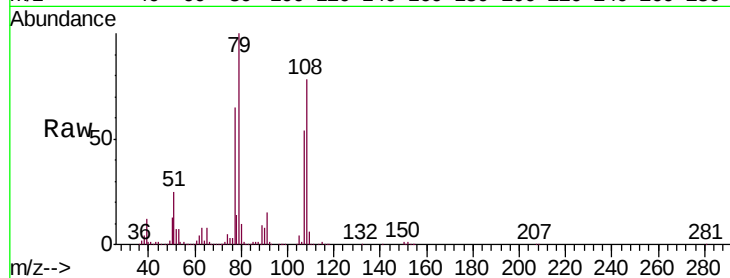
Tgt Ion: 79 Resp: 991159

Ion Ratio Lower Upper

79 100

108 77.6 61.9 92.9

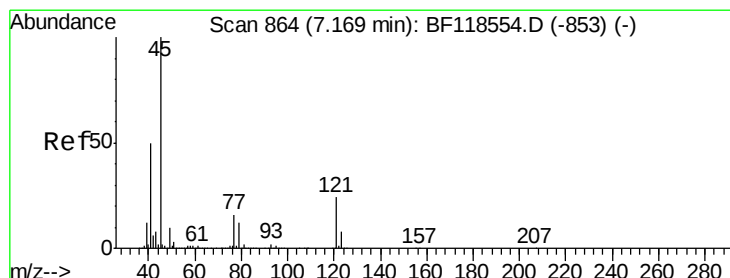
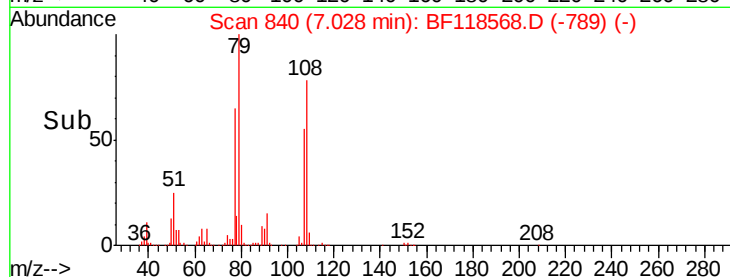
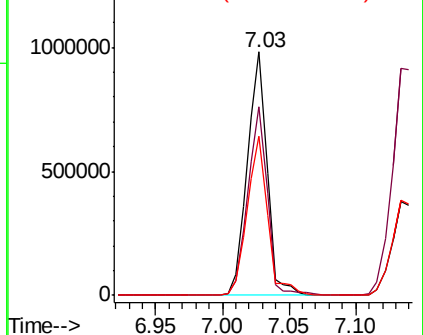
77 65.1 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.236 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

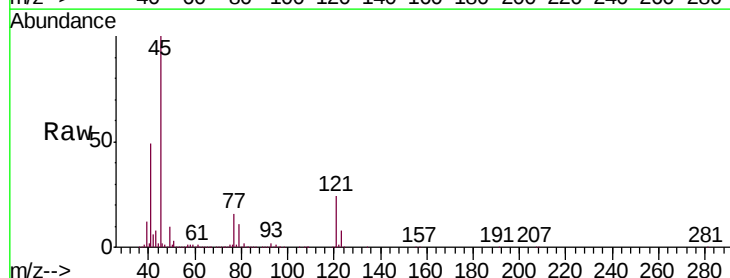
Tgt Ion: 45 Resp: 1403651

Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.8

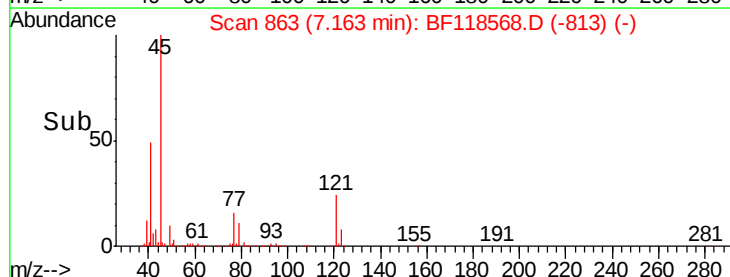
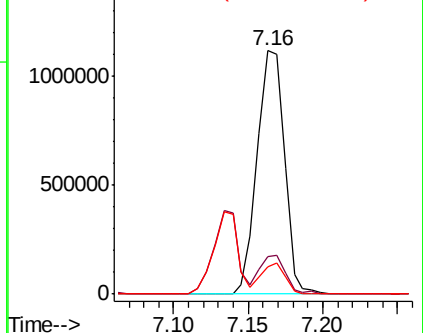
79 11.4 0.0 32.2

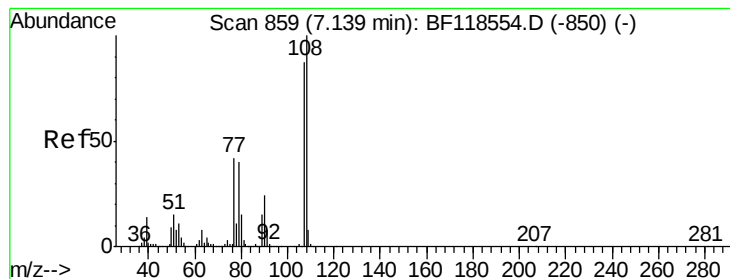


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

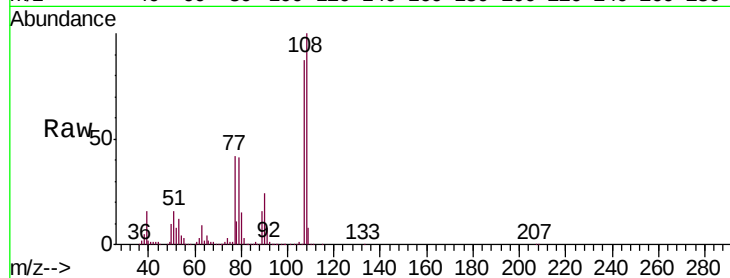




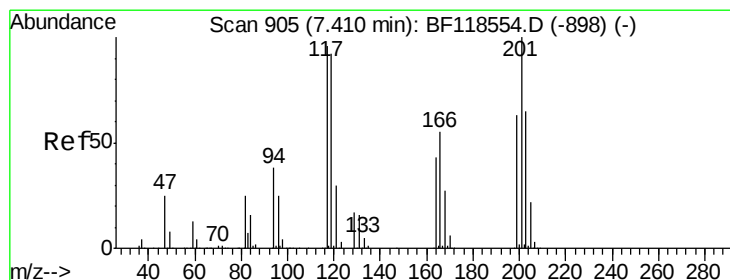
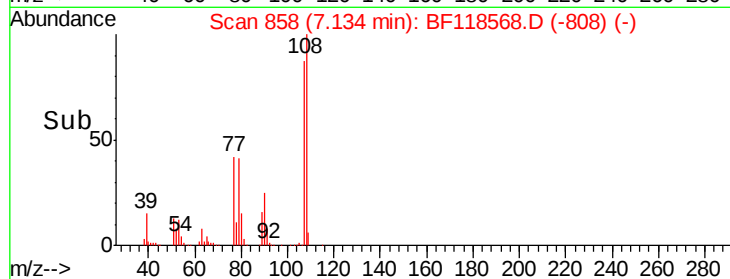
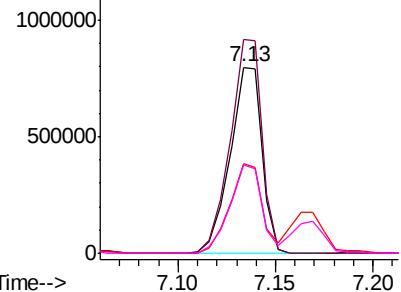
#17
2-Methylphenol
Concen: 49.581 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Tgt Ion:	107	Resp:	899141
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.3	138.5
77	48.3	38.6	57.8
79	47.4	37.0	55.6

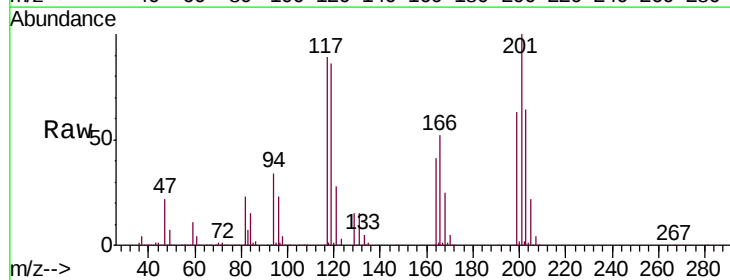


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

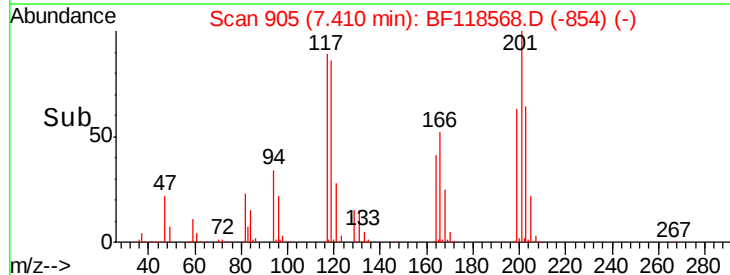
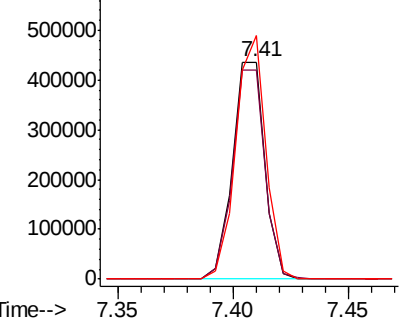


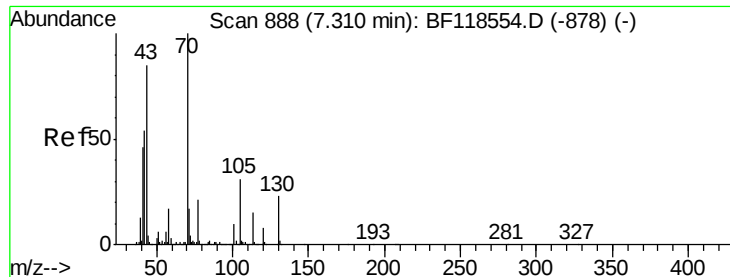
#18
Hexachloroethane
Concen: 45.760 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion:	117	Resp:	425631
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.9	115.3
201	112.3	83.6	125.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

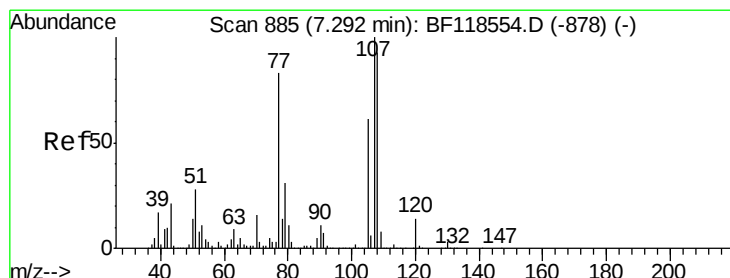
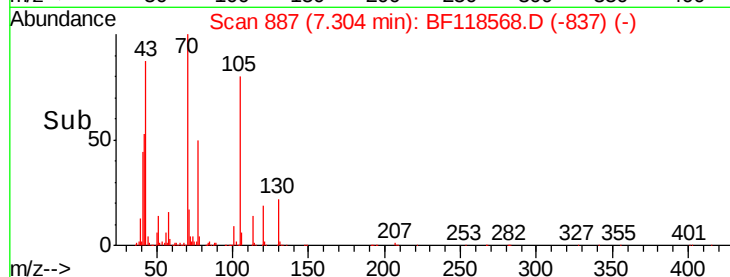
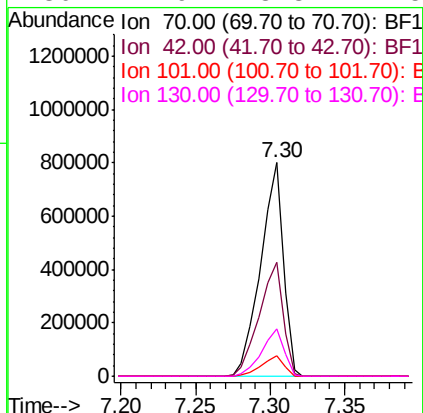
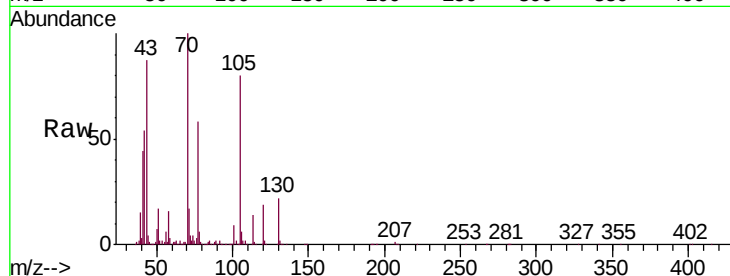




#19
n-Nitroso-di-n-propylamine
Concen: 47.382 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

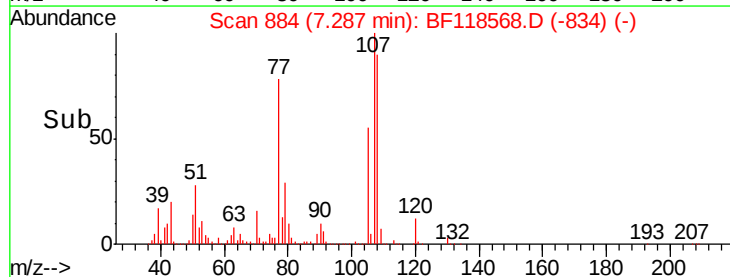
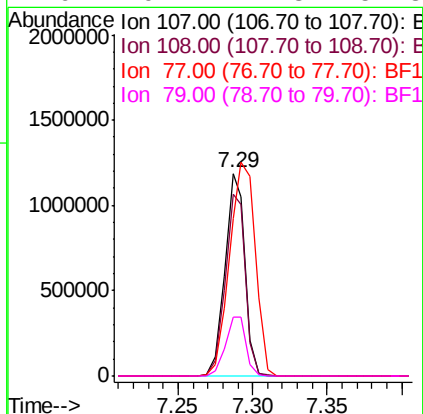
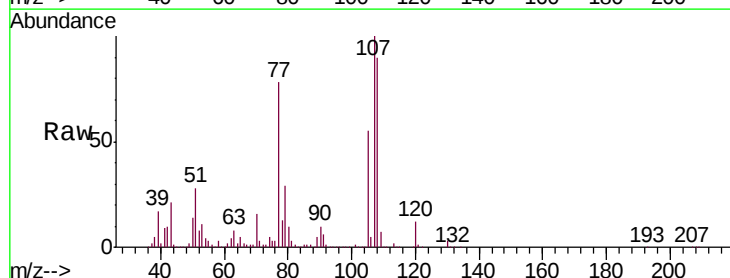
Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

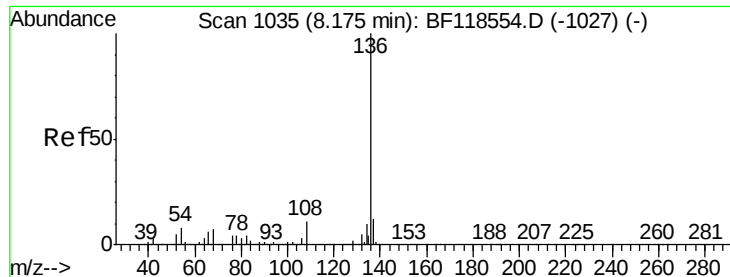
Tgt Ion:	70	Resp:	836367
Ion	Ratio	Lower	Upper
70	100		
42	53.6	43.6	65.4
101	9.5	7.7	11.5
130	21.9	18.3	27.5



#20
3+4-Methylphenols
Concen: 51.664 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion:	107	Resp:	1120417
Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.6	112.6
77	77.7	63.0	103.0
79	29.2	11.3	51.3

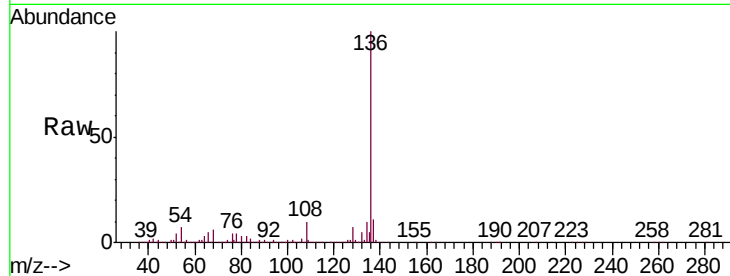




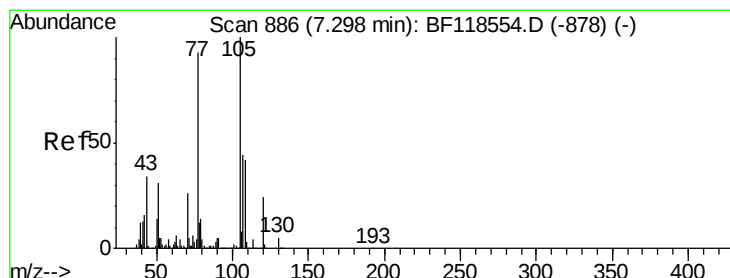
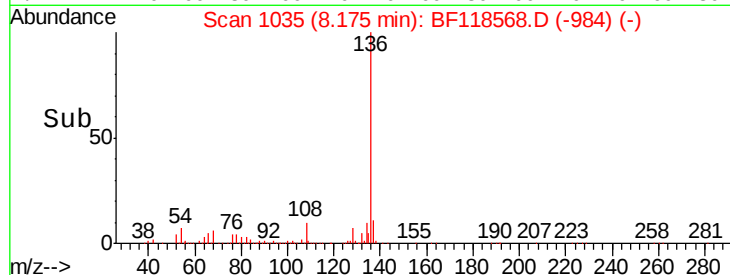
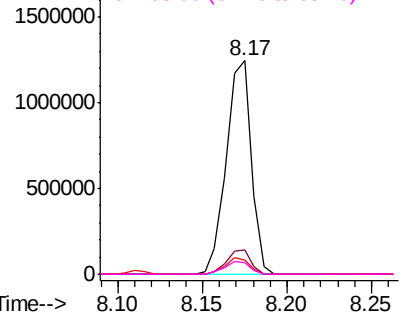
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Tgt Ion:	136	Resp:	1283489
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	6.7	6.2	9.2
68	5.7	5.4	8.0

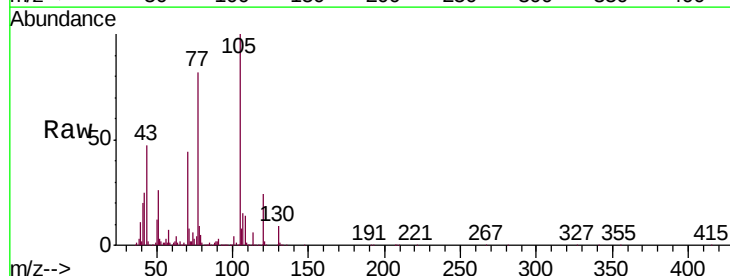


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

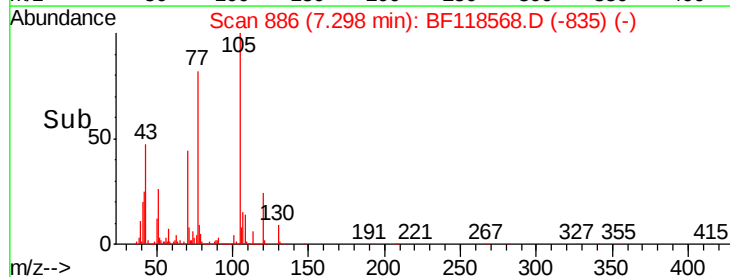
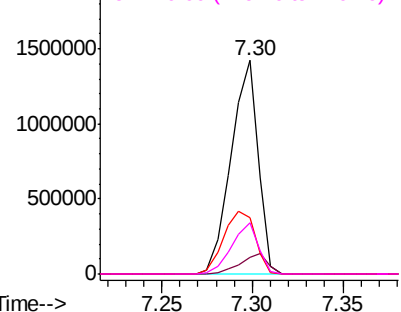


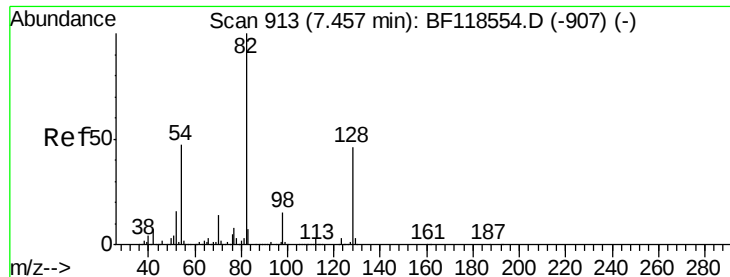
#22
Acetophenone
Concen: 47.307 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion:	105	Resp:	1473446
Ion	Ratio	Lower	Upper
105	100		
71	7.5	3.8	5.6#
51	26.4	24.9	37.3
120	24.0	19.2	28.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

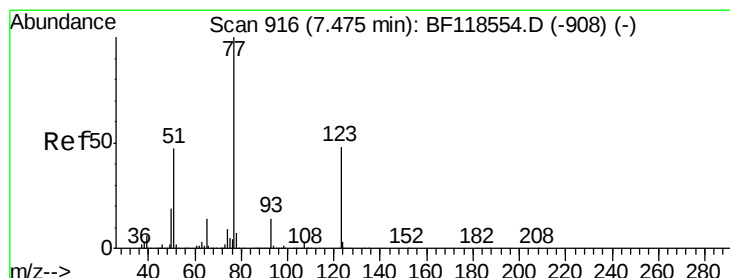
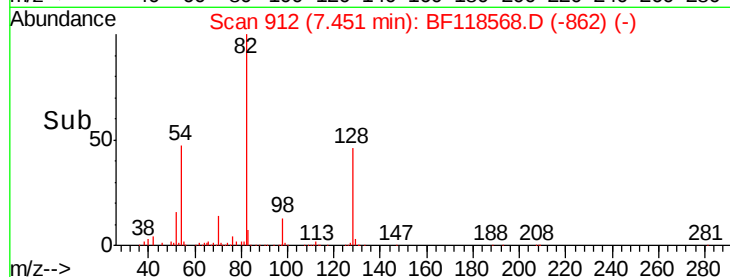
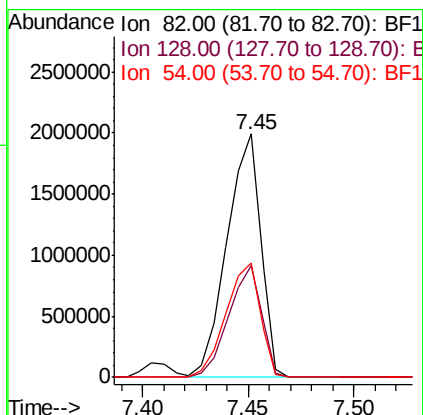
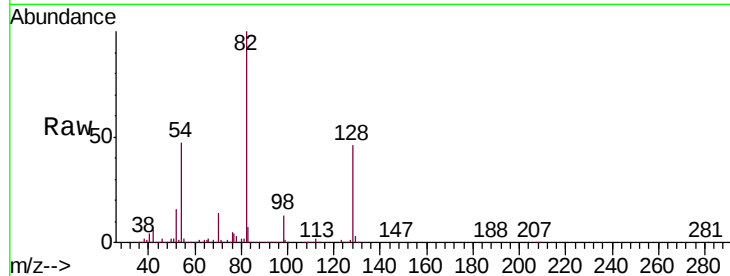




#23
 Nitrobenzene-d5
 Concen: 105.753 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

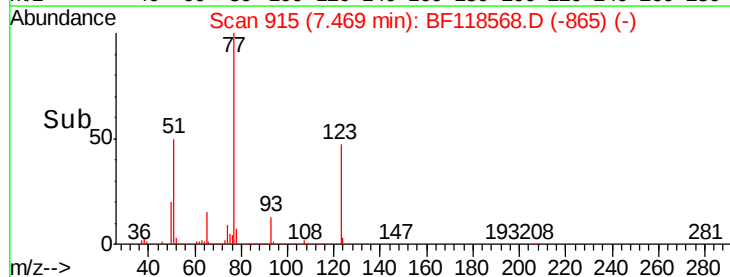
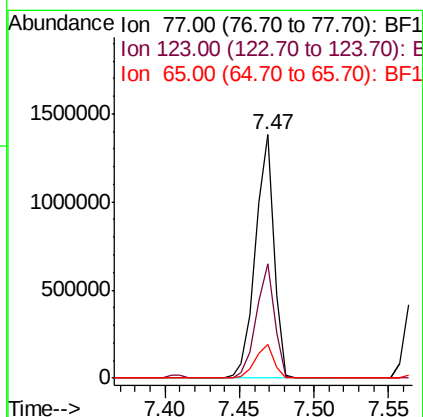
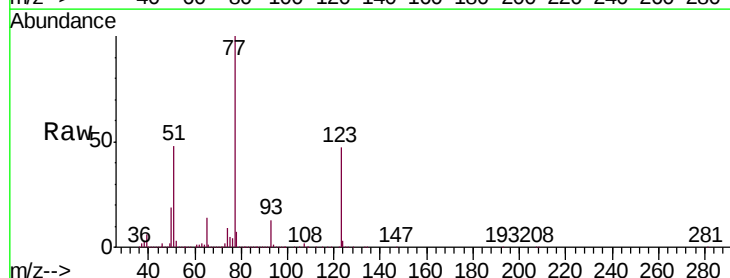
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

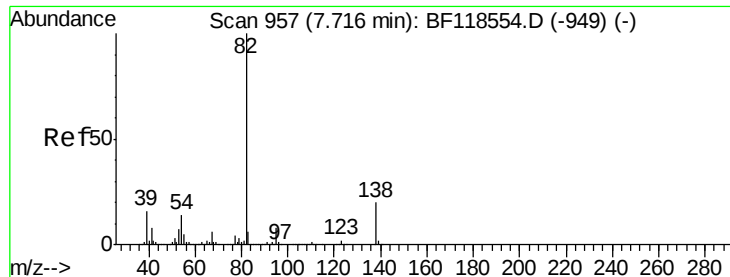
Tgt Ion: 82 Resp: 2197689
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.0 55.4
 54 47.0 37.4 56.0



#24
 Nitrobenzene
 Concen: 53.065 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion: 77 Resp: 1172722
 Ion Ratio Lower Upper
 77 100
 123 47.2 38.2 57.2
 65 13.7 11.1 16.7





#25

Isophorone

Concen: 47.377 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

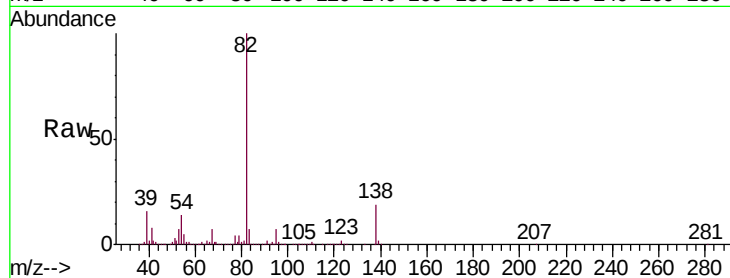
Tgt Ion: 82 Resp: 2136815

Ion Ratio Lower Upper

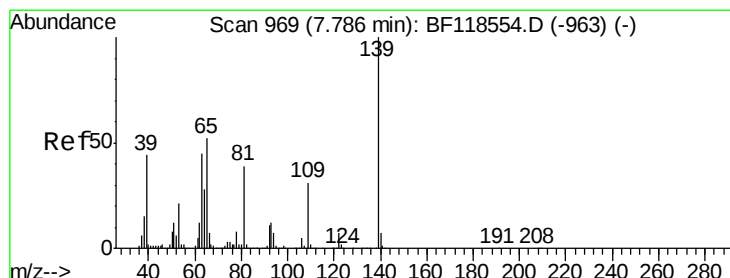
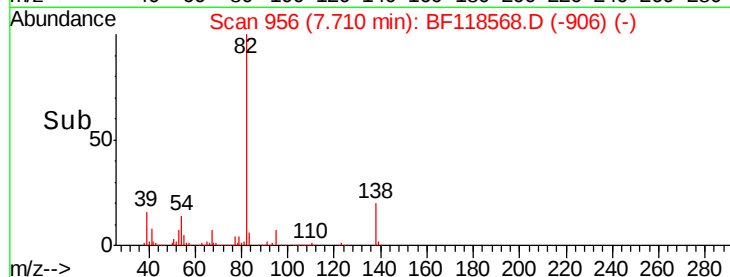
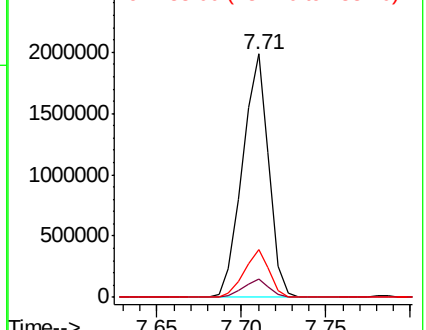
82 100

95 7.4 6.0 9.0

138 19.4 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.325 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

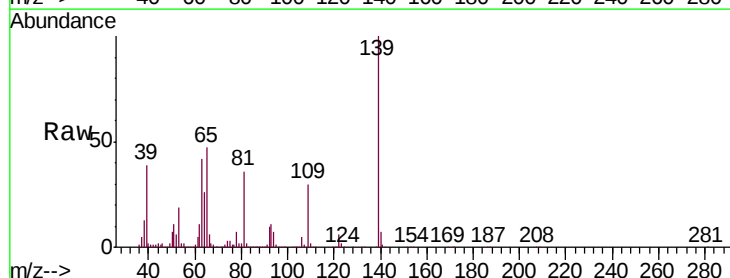
Tgt Ion: 139 Resp: 505933

Ion Ratio Lower Upper

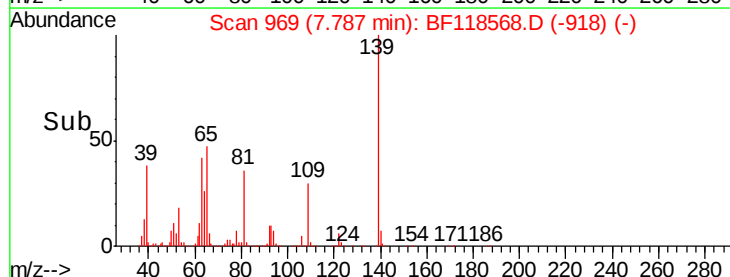
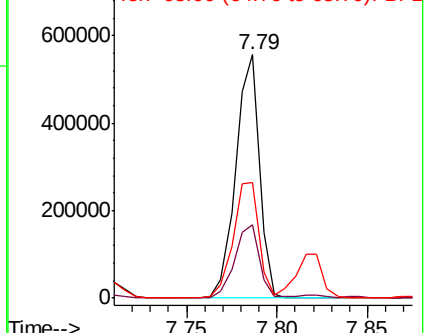
139 100

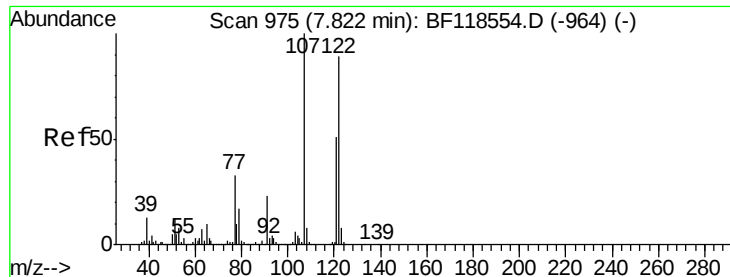
109 29.9 24.6 36.8

65 47.4 42.1 63.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

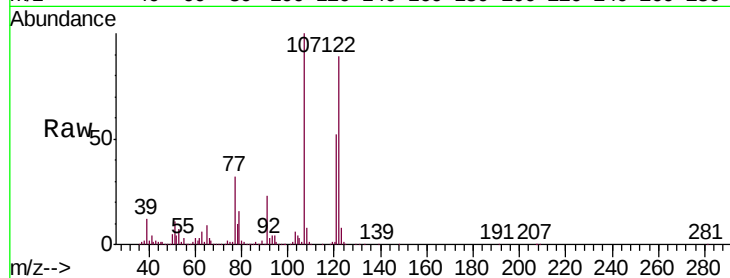




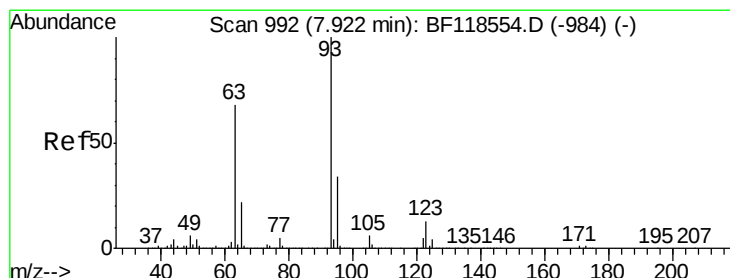
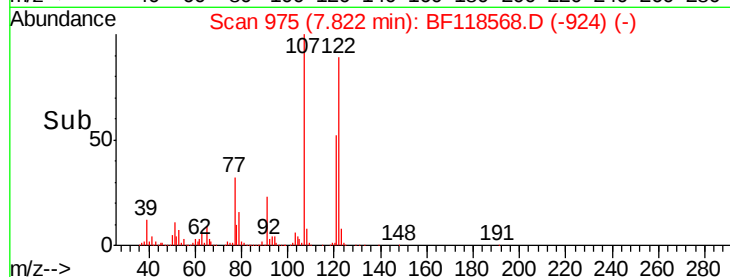
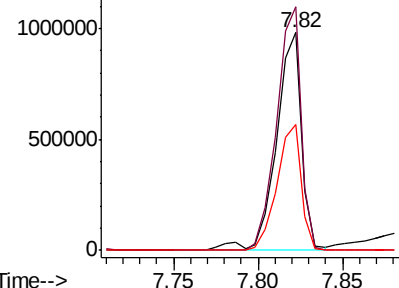
#27
 2,4-Dimethylphenol
 Concen: 56.421 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion:122 Resp: 1012055
 Ion Ratio Lower Upper
 122 100
 107 111.8 89.6 134.4
 121 57.8 45.9 68.9

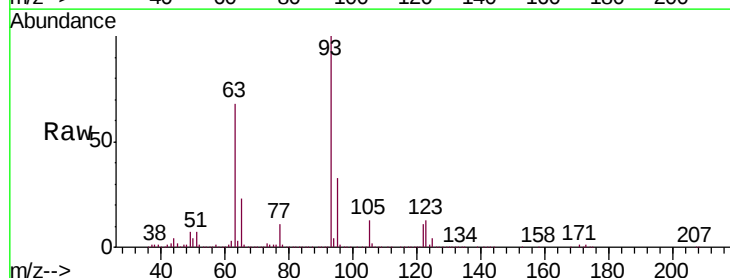


Abundance Ion 122.00 (121.70 to 122.70): E
 1500000 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

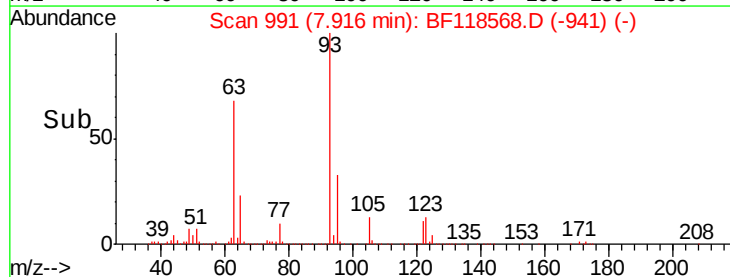
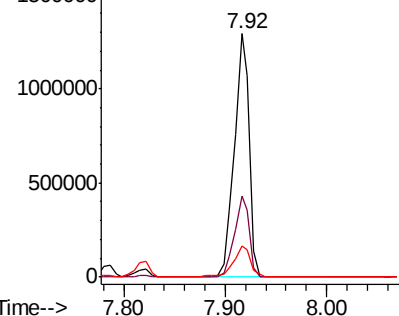


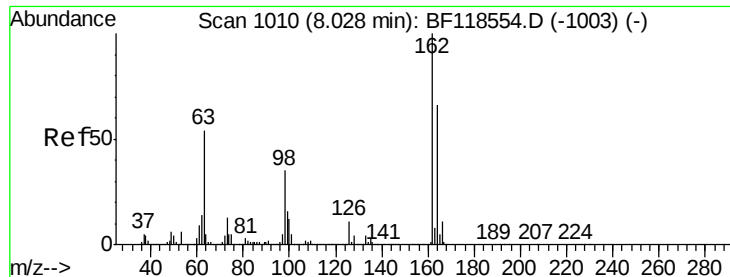
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.100 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion: 93 Resp: 1306946
 Ion Ratio Lower Upper
 93 100
 95 33.3 27.3 40.9
 123 13.0 10.2 15.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

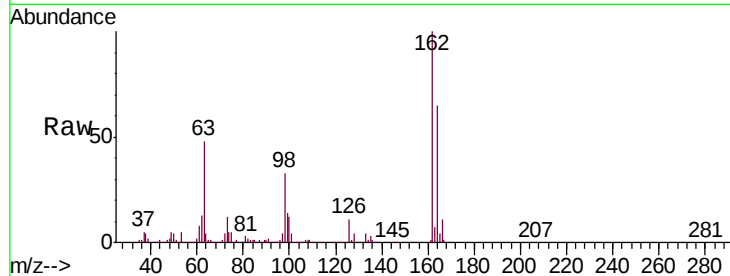




#29
 2,4-Dichlorophenol
 Concen: 49.057 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.6	85.6
98	32.7	15.4	55.4

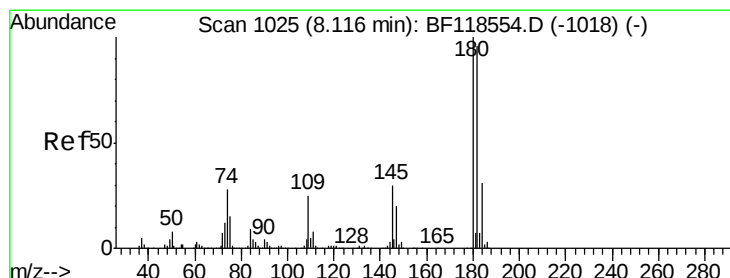
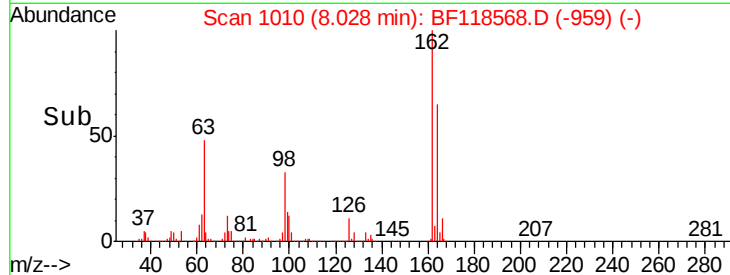
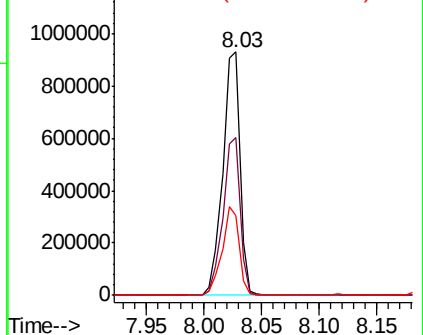


Abundance

Ion 162.00 (161.70 to 162.70): E

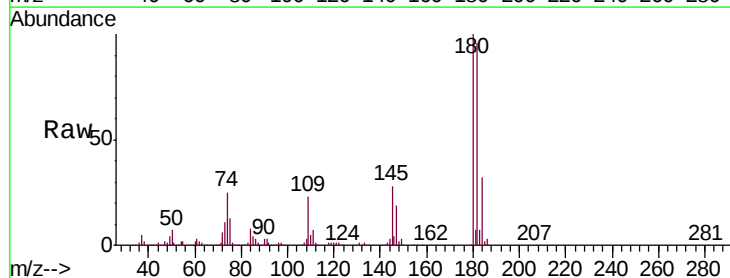
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.933 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	28.2	24.2	36.2

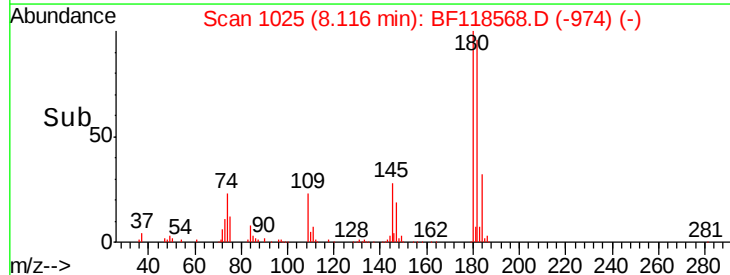
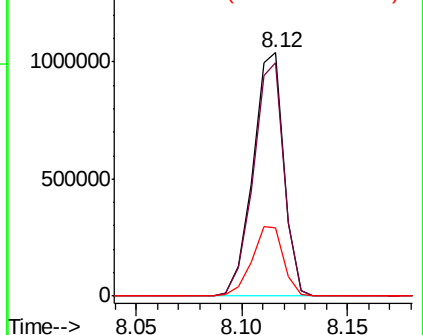


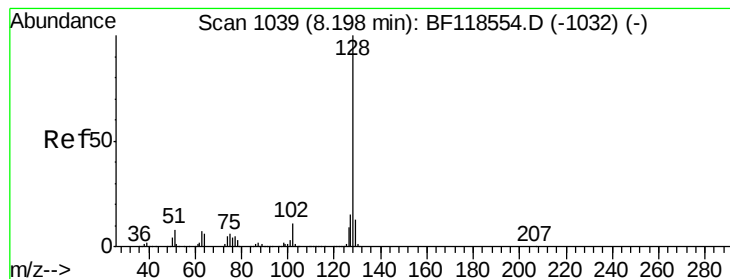
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.957 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

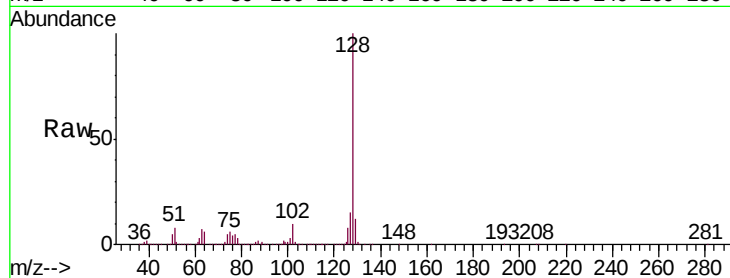
Tgt Ion:128 Resp: 3023839

Ion Ratio Lower Upper

128 100

129 12.4 10.3 15.5

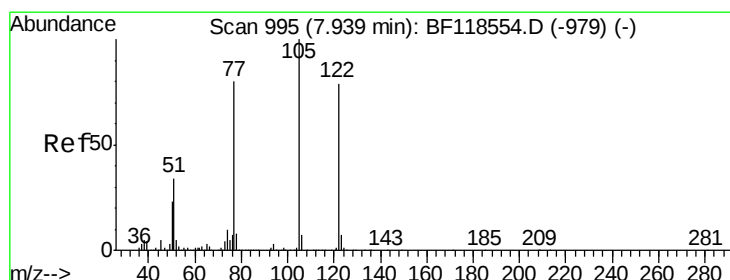
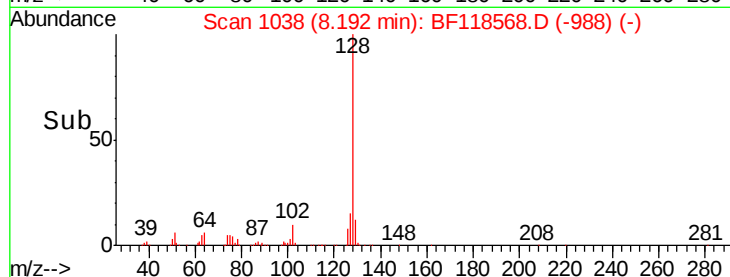
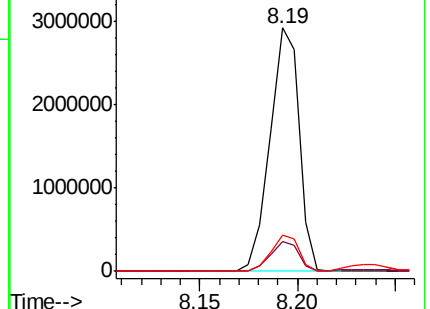
127 14.7 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.611 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

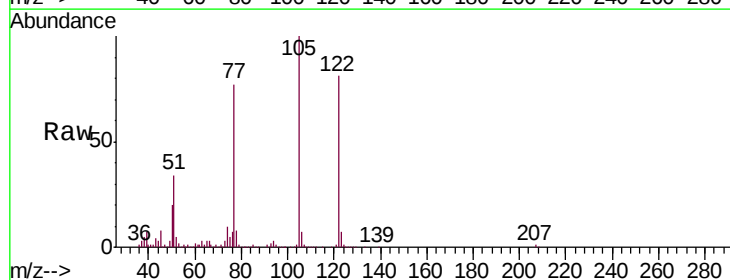
Tgt Ion:122 Resp: 569422

Ion Ratio Lower Upper

122 100

105 124.1 105.0 145.0

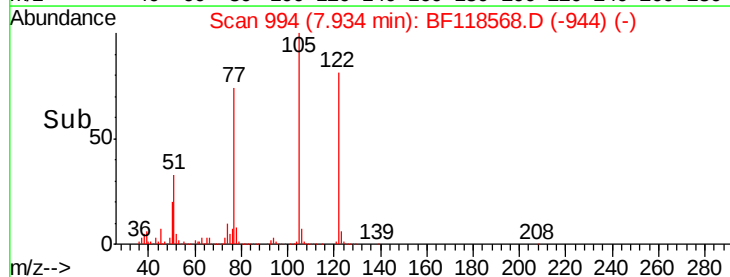
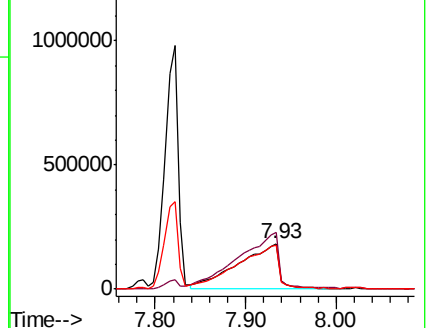
77 96.1 80.7 120.7

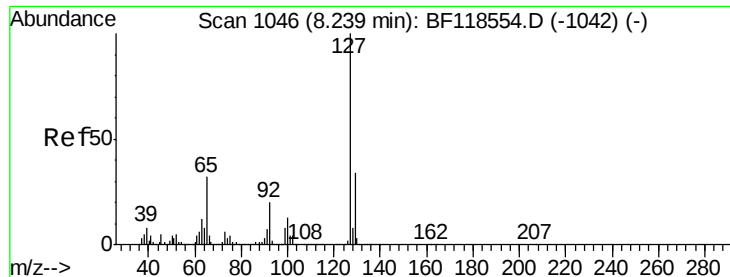


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

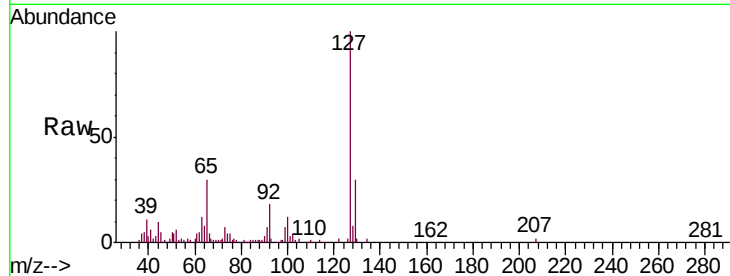




#33
4-Chloroaniline
Concen: 4.750 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Tgt Ion:	127	Resp:	133595
Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.0	40.4
65	30.1	25.8	38.8
92	18.3	15.8	23.8



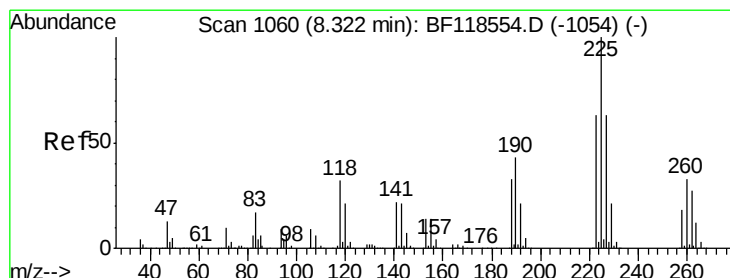
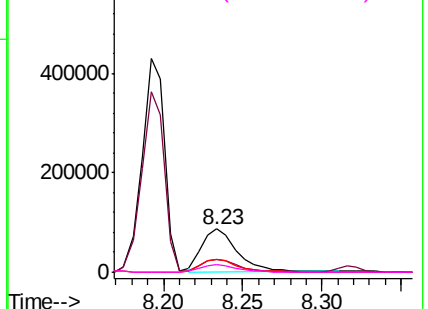
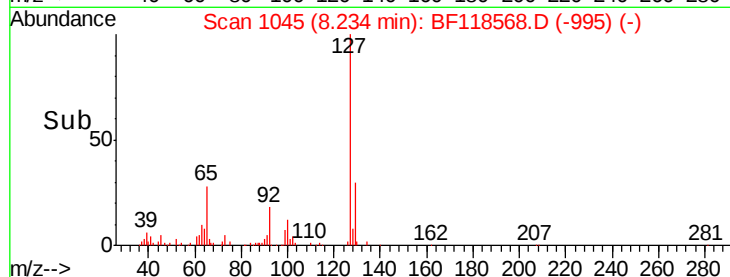
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

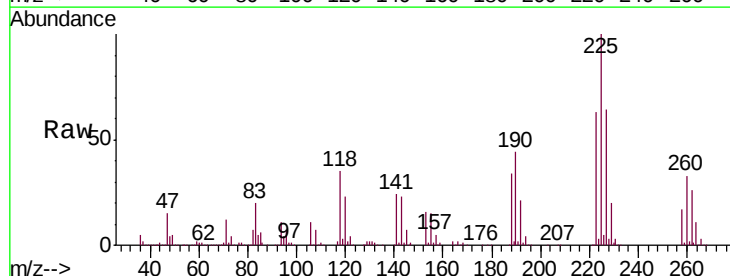
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.719 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion:	225	Resp:	627453
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.6	50.4	75.6

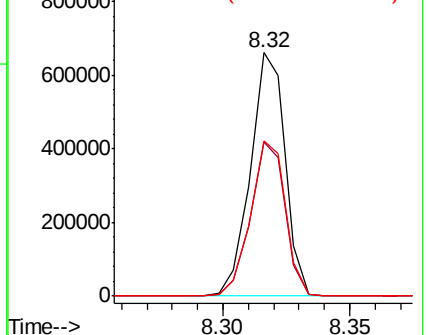
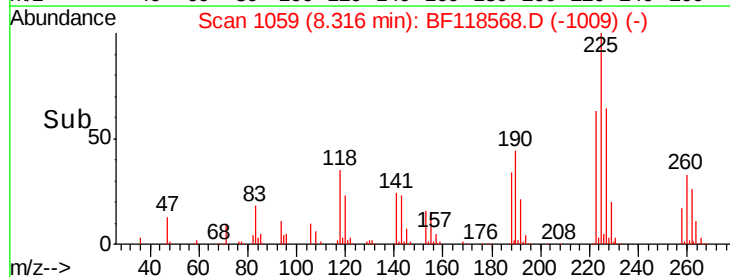


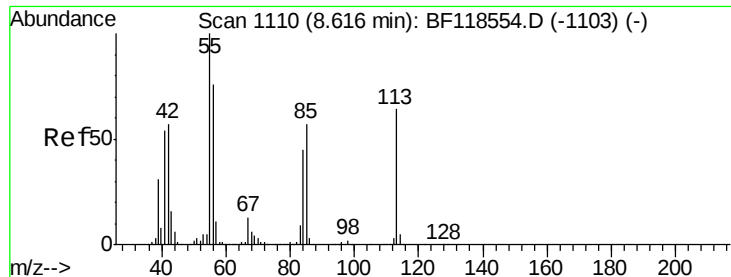
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

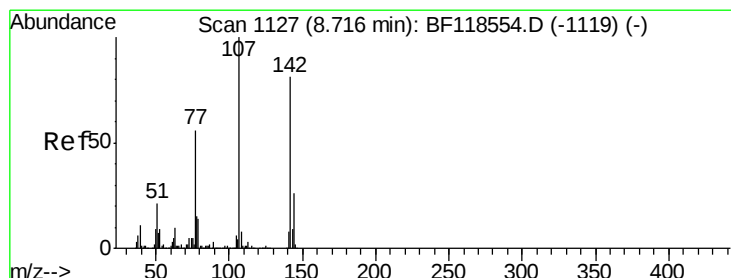
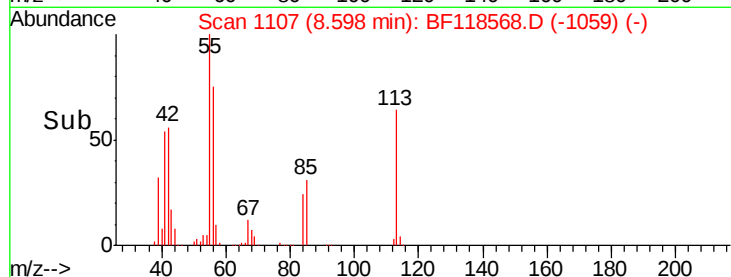
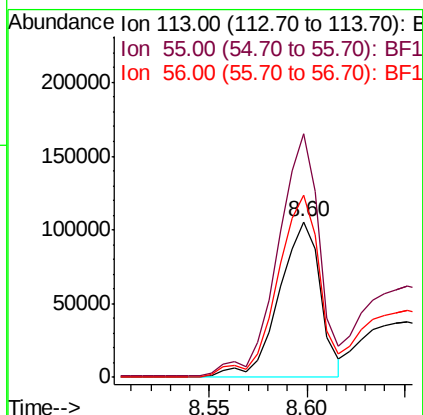
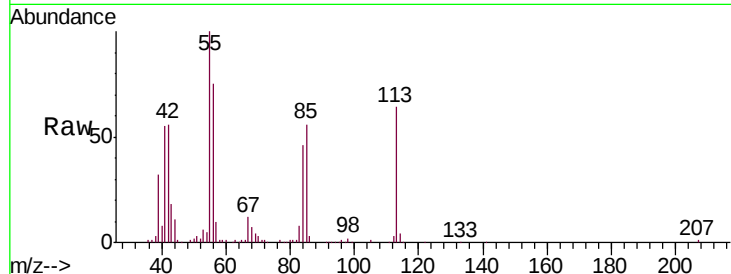




#35
 Caprolactam
 Concen: 25.298 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

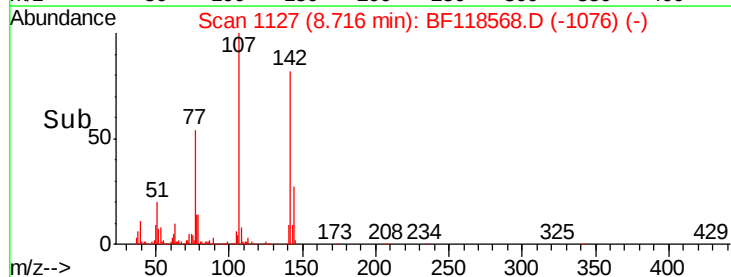
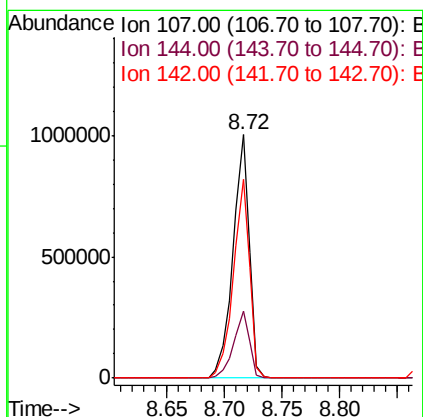
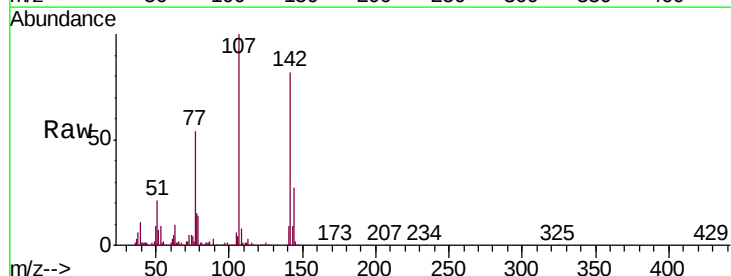
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

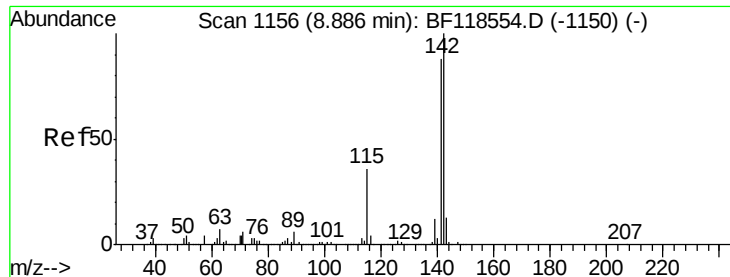
Tgt Ion:113 Resp: 155386
 Ion Ratio Lower Upper
 113 100
 55 156.3 137.3 177.3
 56 117.3 99.7 139.7



#36
 4-Chloro-3-methylphenol
 Concen: 50.004 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion:107 Resp: 978714
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.2 31.8
 142 81.6 64.4 96.6

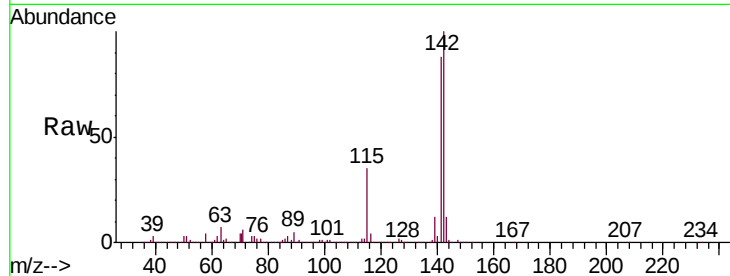




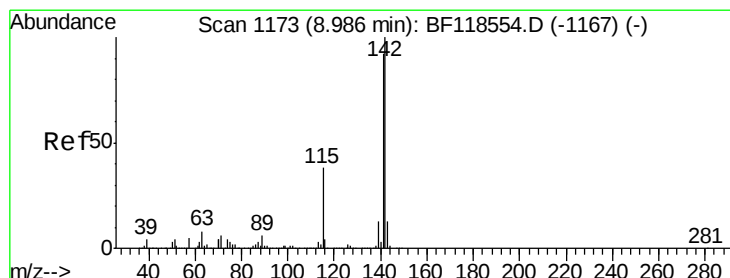
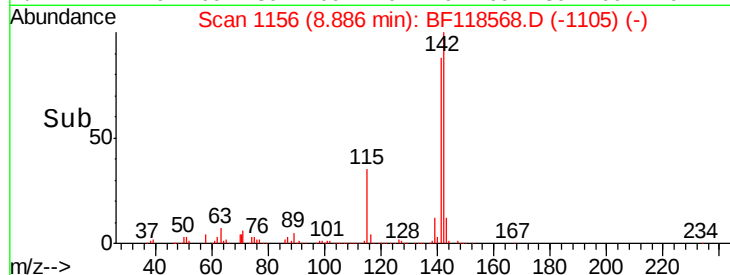
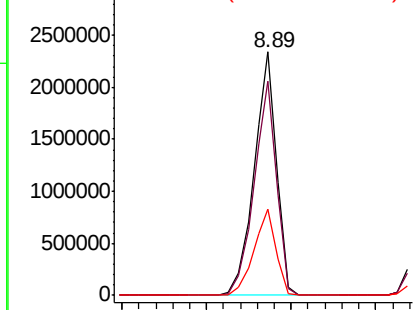
#37
 2-Methylnaphthalene
 Concen: 50.138 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion:142 Resp: 2150024
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.6 106.0
 115 35.2 29.0 43.4

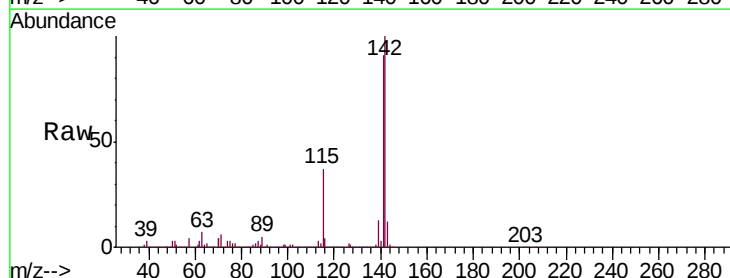


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

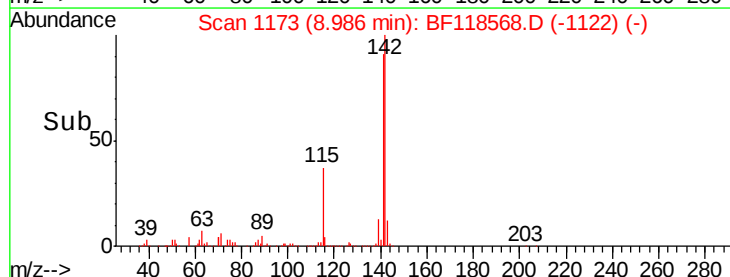
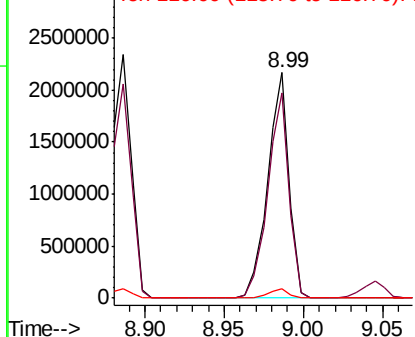


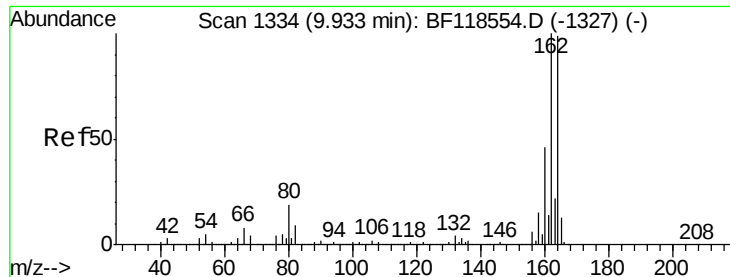
#38
 1-Methylnaphthalene
 Concen: 50.215 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion:142 Resp: 2037170
 Ion Ratio Lower Upper
 142 100
 141 90.8 73.8 110.6
 116 3.9 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

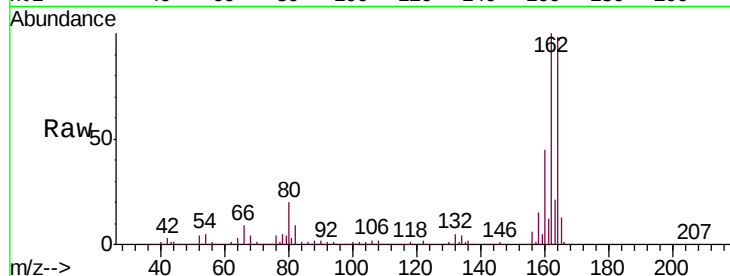
Tgt Ion:164 Resp: 715433

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

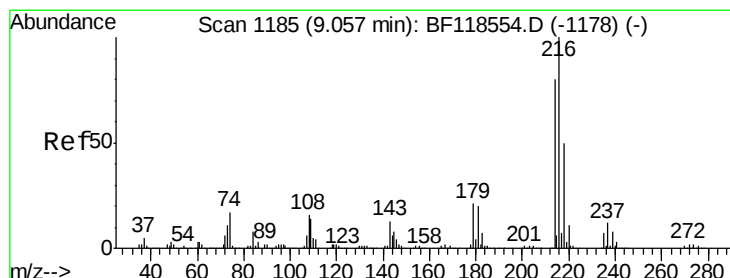
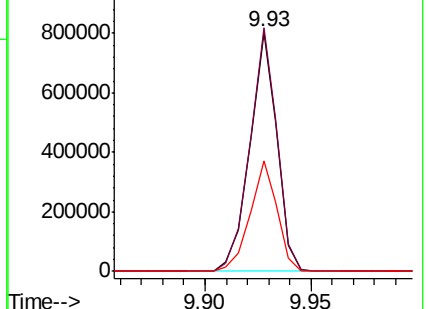
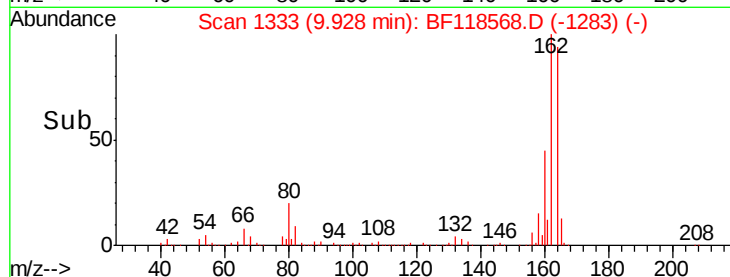
160 46.2 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.400 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Tgt Ion:216 Resp: 1070712

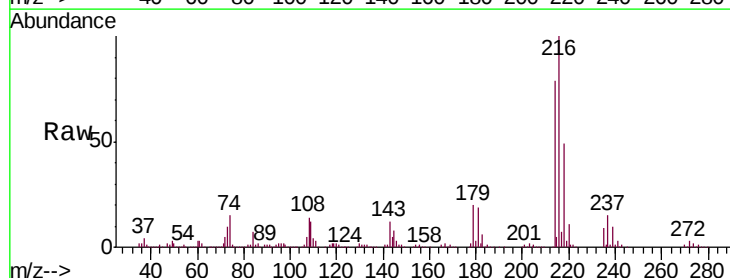
Ion Ratio Lower Upper

216 100

214 79.0 63.6 95.4

179 20.3 16.5 24.7

108 20.1 14.6 21.8

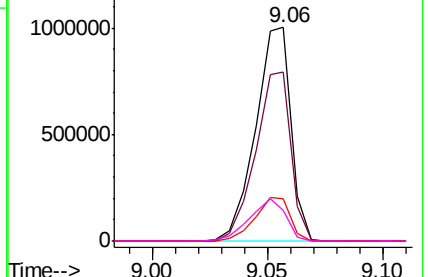
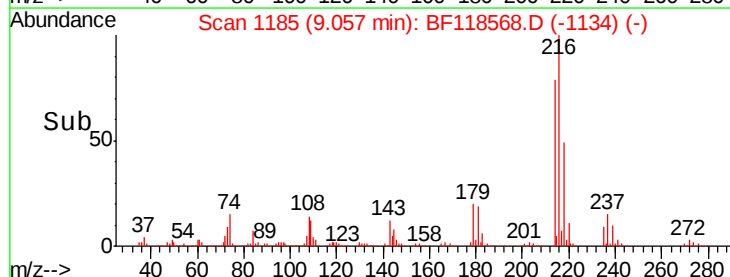


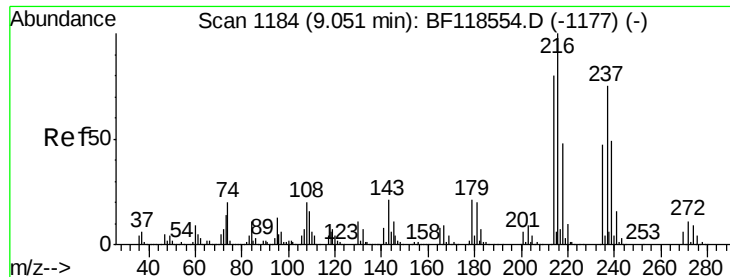
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 110.370 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

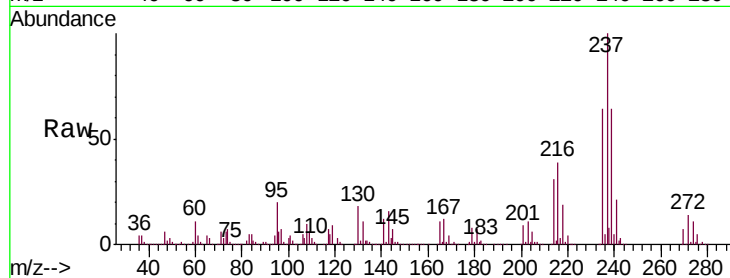
Tgt Ion:237 Resp: 1330693

Ion Ratio Lower Upper

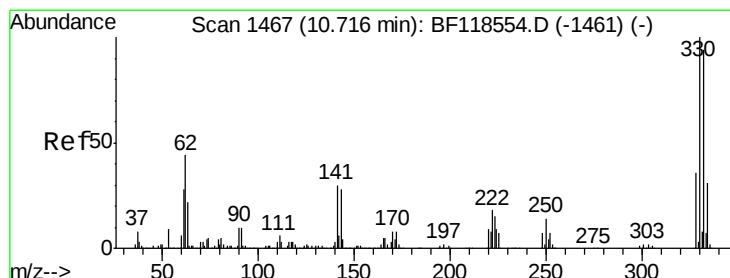
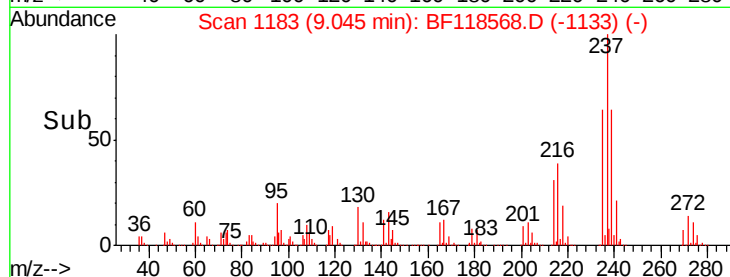
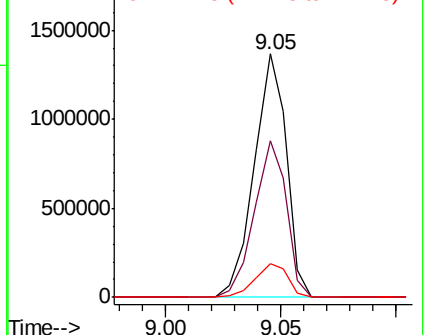
237 100

235 64.3 42.1 82.1

272 13.9 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 158.329 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

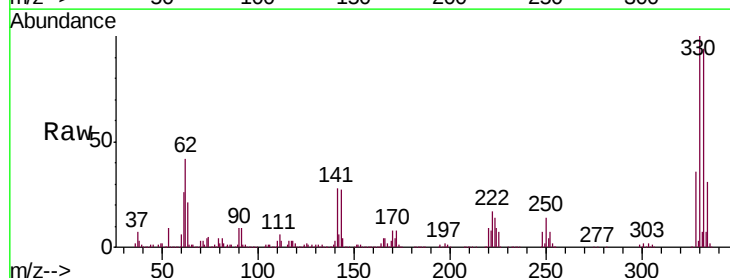
Tgt Ion:330 Resp: 1252217

Ion Ratio Lower Upper

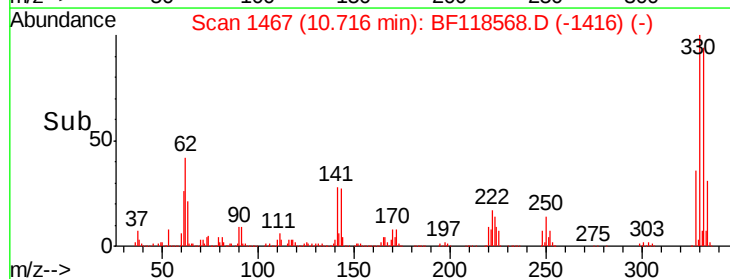
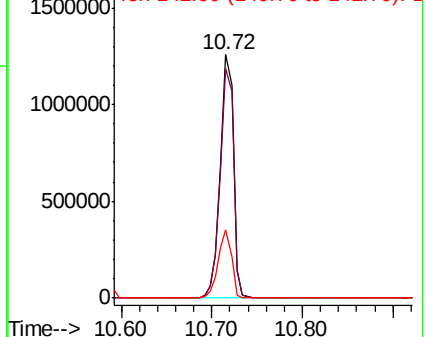
330 100

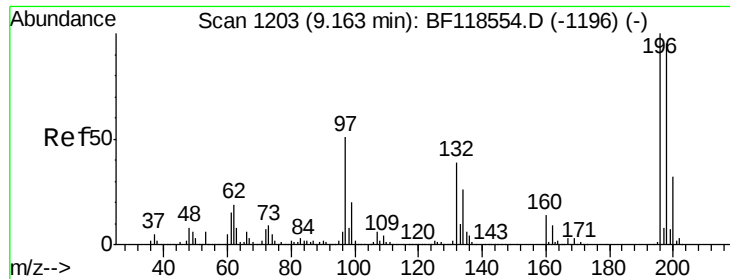
332 96.1 76.4 114.6

141 28.3 23.4 35.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

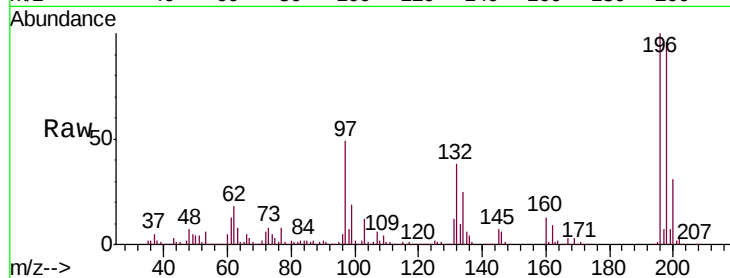




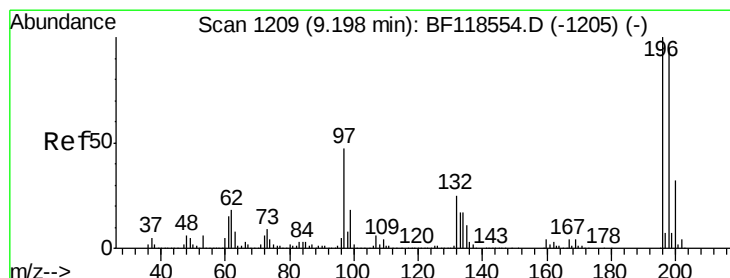
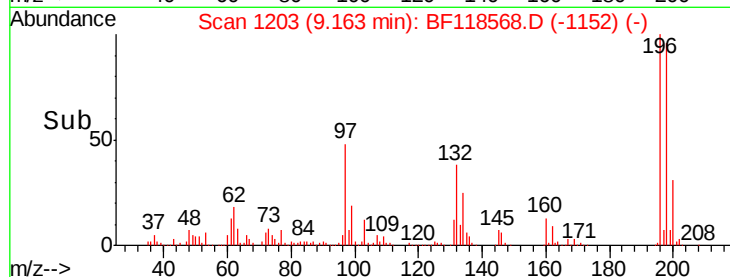
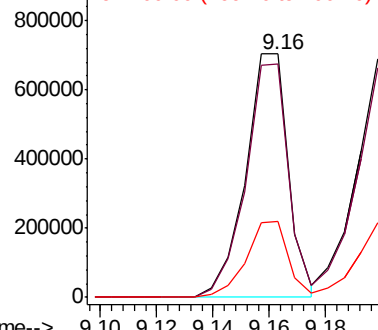
#43
 2,4,6-Trichlorophenol
 Concen: 50.354 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion:196 Resp: 740320
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.0 114.0
 200 31.4 25.4 38.0

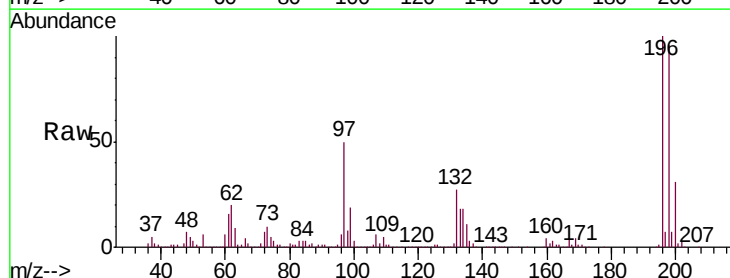


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

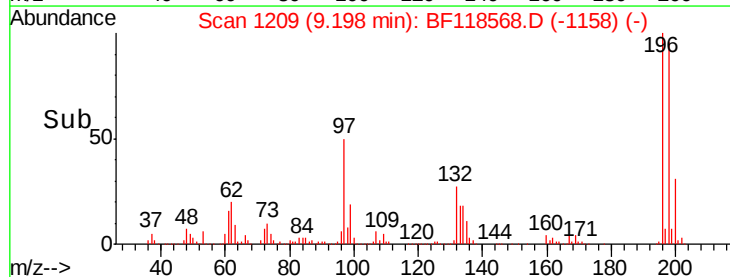
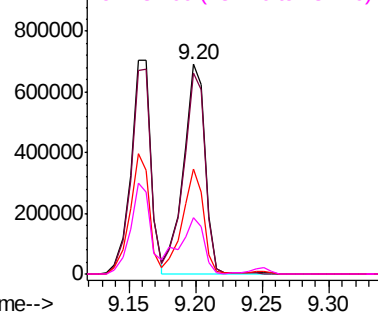


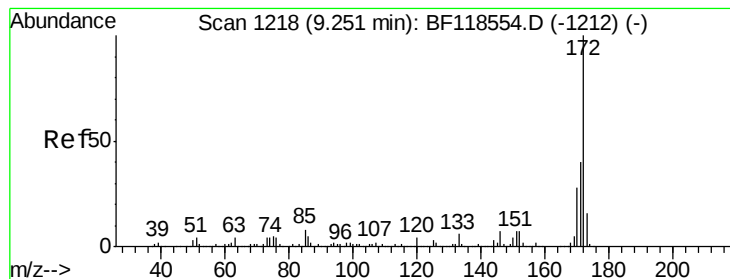
#44
 2,4,5-Trichlorophenol
 Concen: 53.236 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion:196 Resp: 791322
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.4
 97 50.1 37.4 56.2
 132 26.9 20.3 30.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 103.350 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

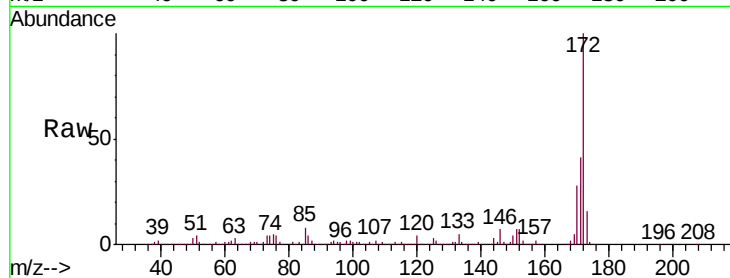
Tgt Ion:172 Resp: 4095703

Ion Ratio Lower Upper

172 100

171 40.8 32.4 48.6

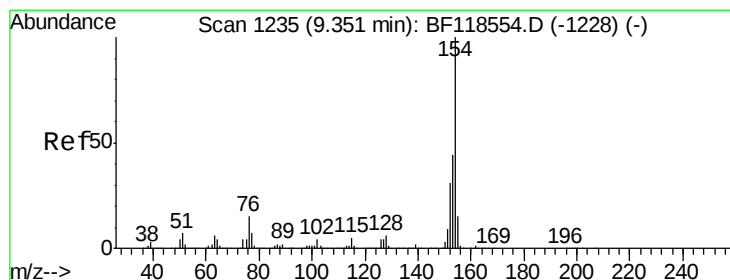
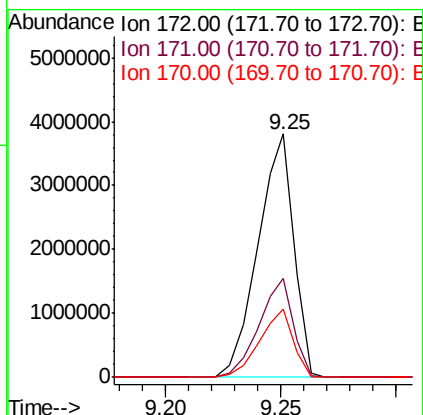
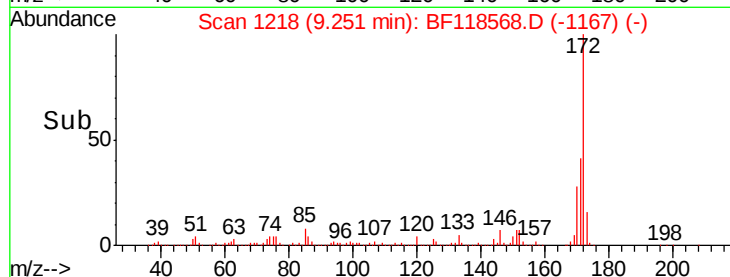
170 28.1 22.5 33.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 50.259 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

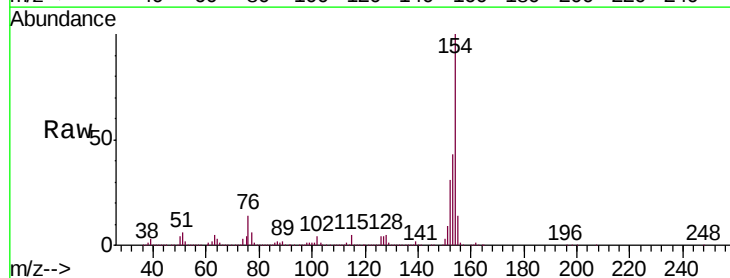
Tgt Ion:154 Resp: 2569275

Ion Ratio Lower Upper

154 100

153 43.3 23.7 63.7

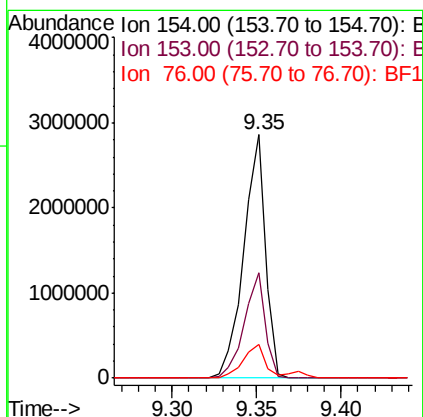
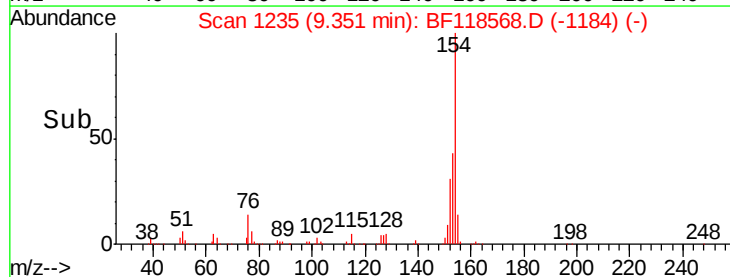
76 13.6 0.0 35.2

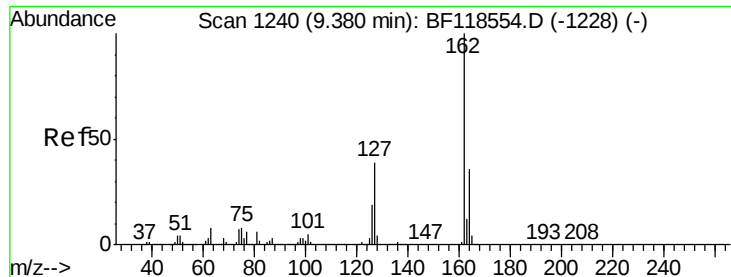


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

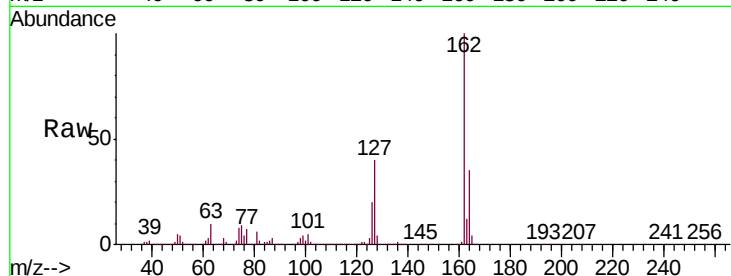




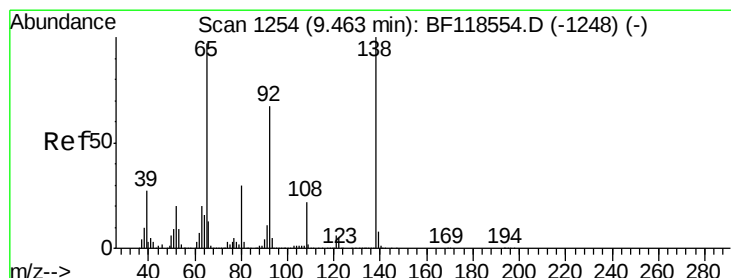
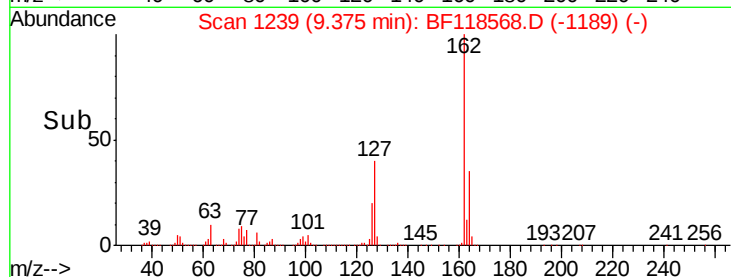
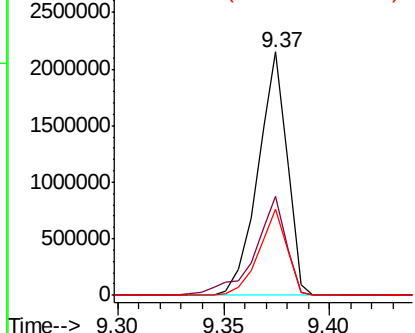
#47
 2-Chloronaphthalene
 Concen: 47.858 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion: 162 Resp: 2062072
 Ion Ratio Lower Upper
 162 100
 127 40.4 31.0 46.4
 164 35.3 28.6 42.8

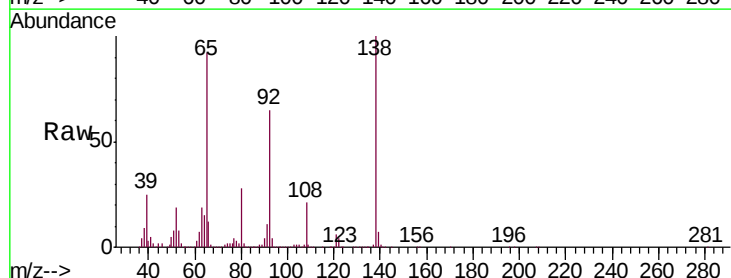


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

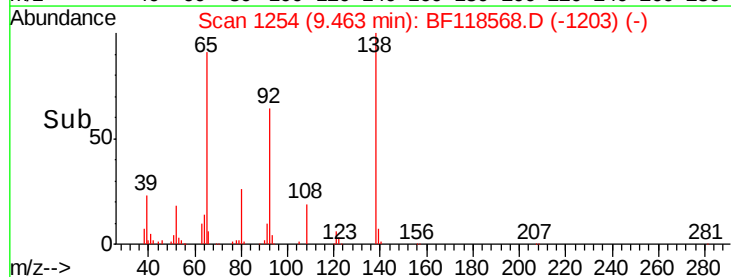
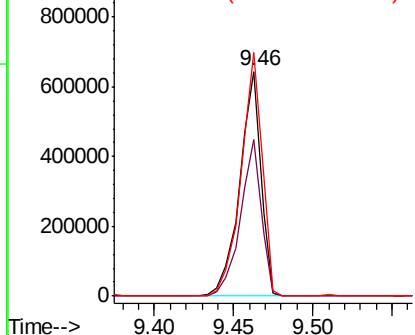


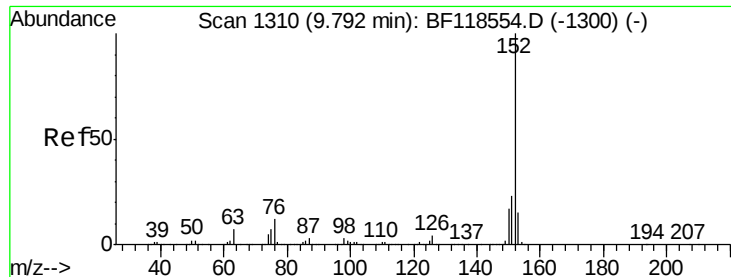
#48
 2-Nitroaniline
 Concen: 53.033 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion: 65 Resp: 594322
 Ion Ratio Lower Upper
 65 100
 92 70.0 55.3 82.9
 138 108.4 82.9 124.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.286 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

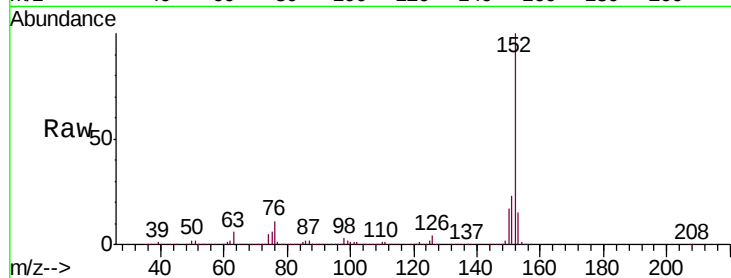
Tgt Ion:152 Resp: 3120081

Ion Ratio Lower Upper

152 100

151 22.9 18.6 27.8

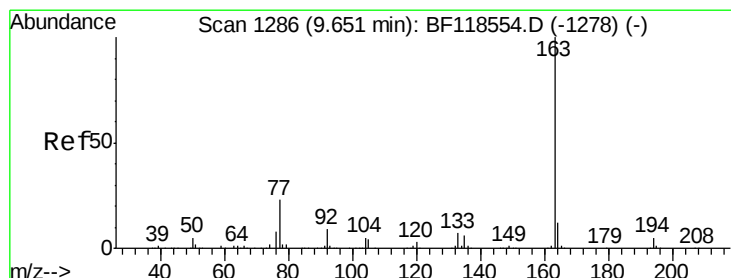
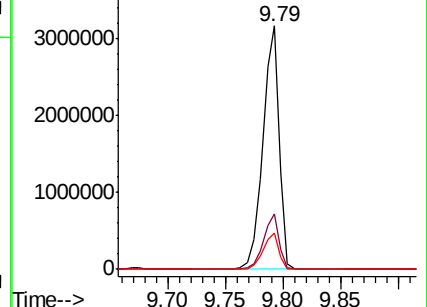
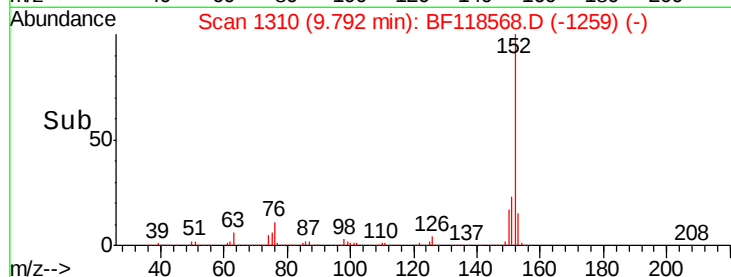
153 15.0 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.458 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

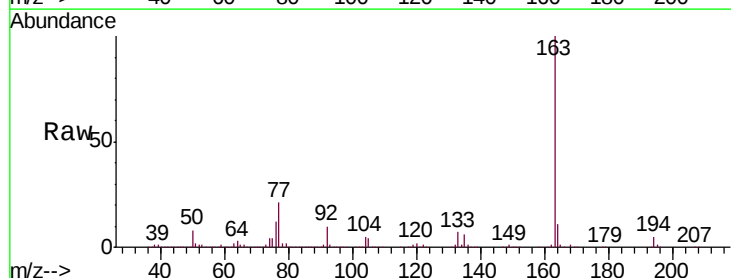
Tgt Ion:163 Resp: 2380336

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

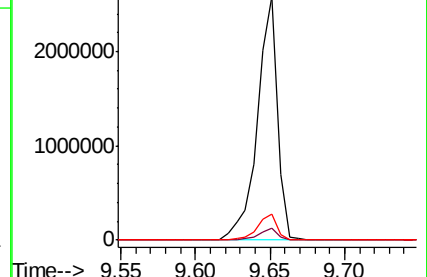
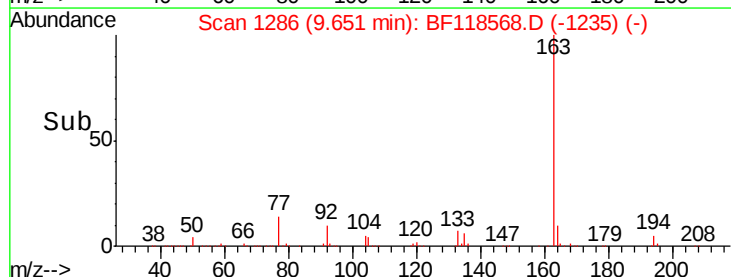
164 10.8 9.3 13.9

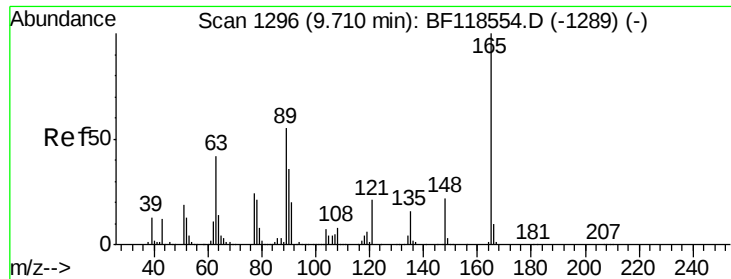


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 57.789 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

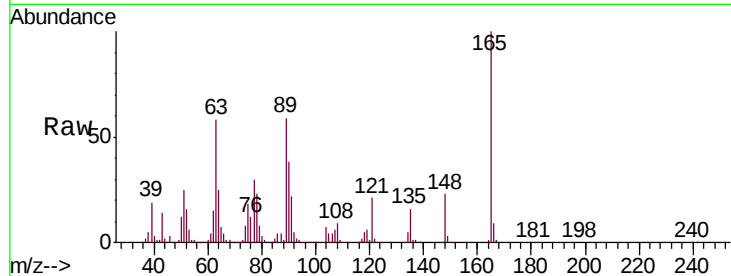
Tgt Ion:165 Resp: 541613

Ion Ratio Lower Upper

165 100

63 57.8 41.9 62.9

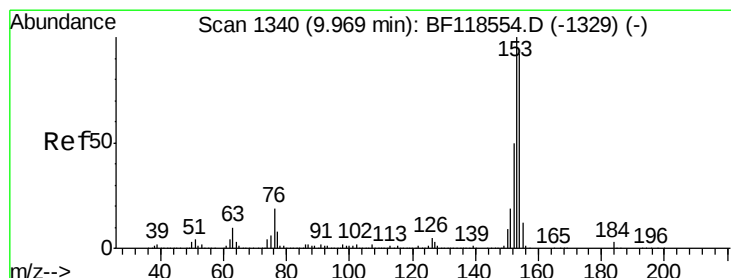
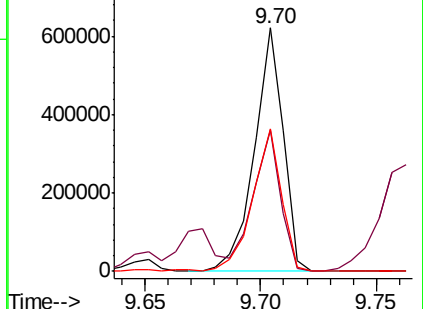
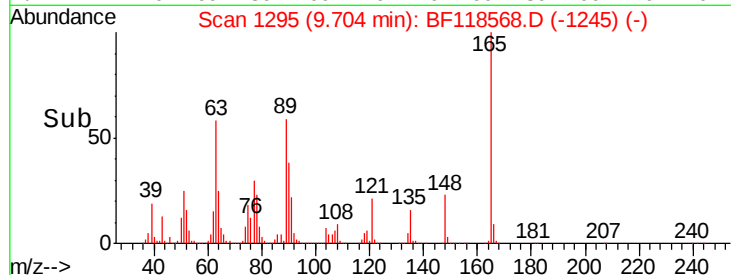
89 58.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 53.741 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

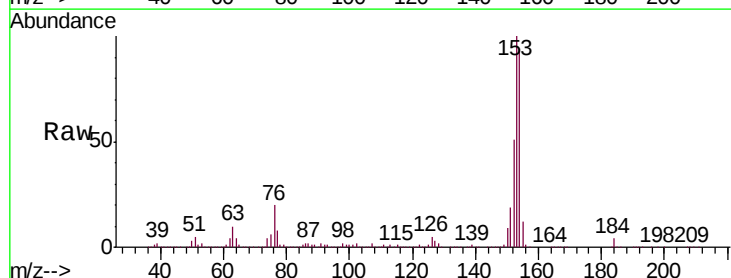
Tgt Ion:154 Resp: 2141825

Ion Ratio Lower Upper

154 100

153 106.1 87.0 130.4

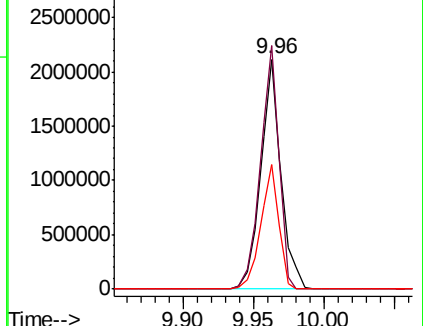
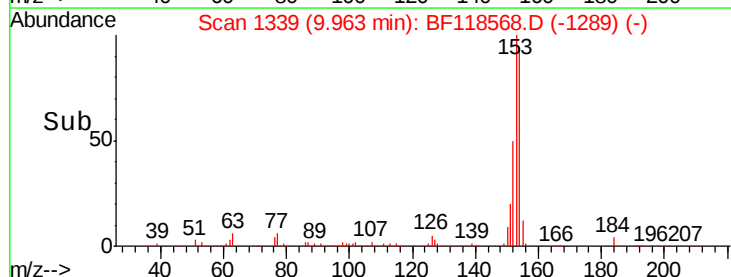
152 54.3 43.8 65.8

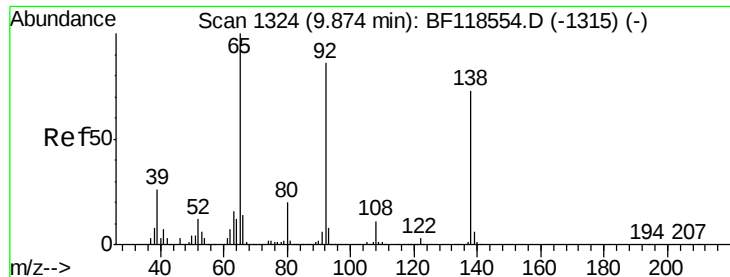


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

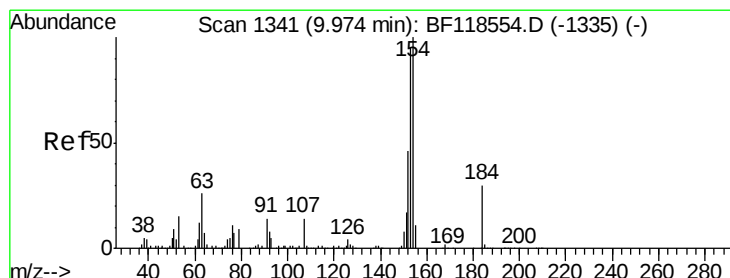
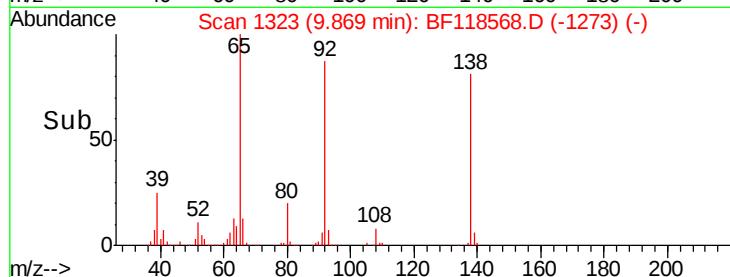
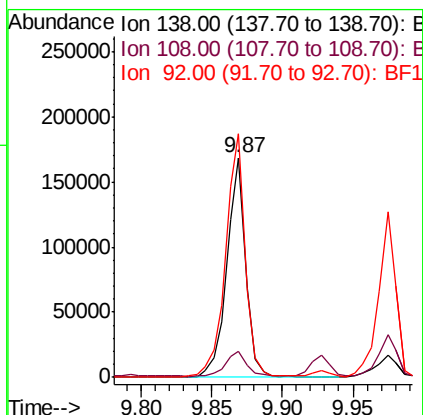
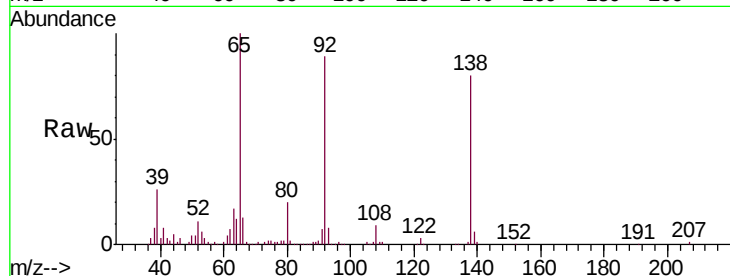




#53
 3-Nitroaniline
 Concen: 14.803 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

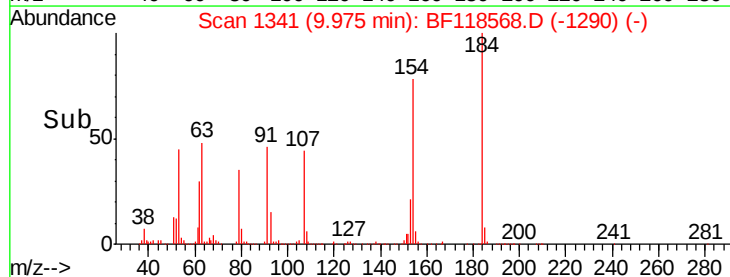
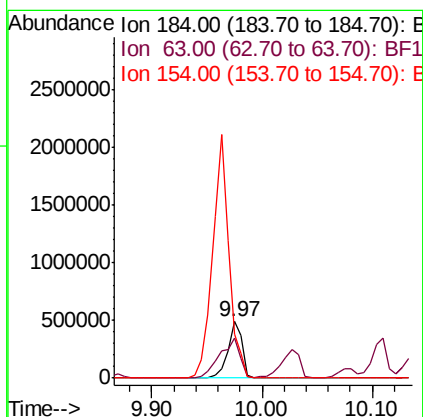
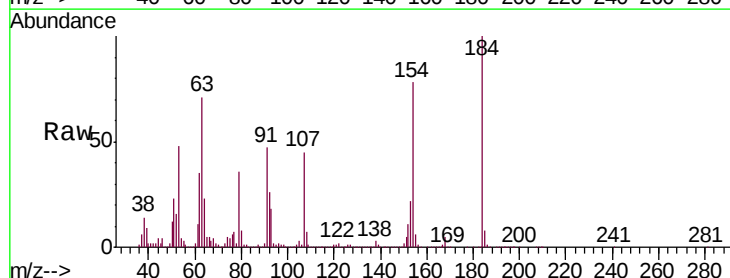
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

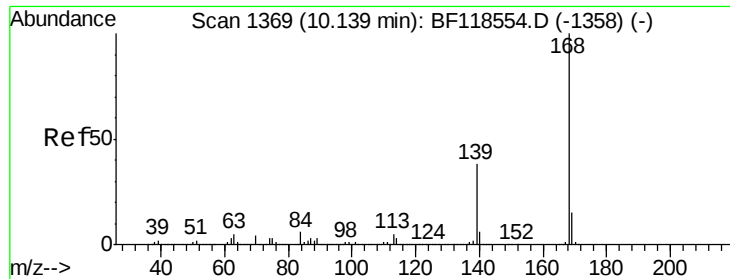
Tgt Ion:138 Resp: 157170
 Ion Ratio Lower Upper
 138 100
 108 11.8 12.2 18.4#
 92 110.9 94.2 141.2



#54
 2,4-Dinitrophenol
 Concen: 106.084 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion:184 Resp: 440056
 Ion Ratio Lower Upper
 184 100
 63 70.8 69.4 104.0
 154 78.3 268.5 402.7#

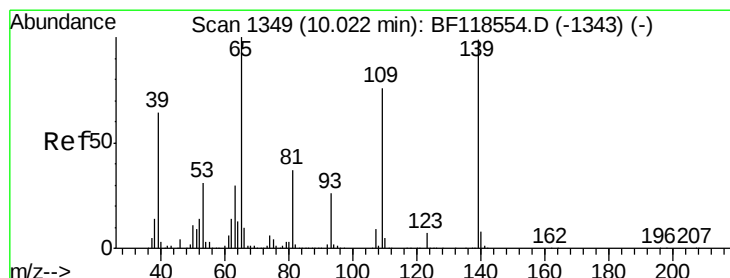
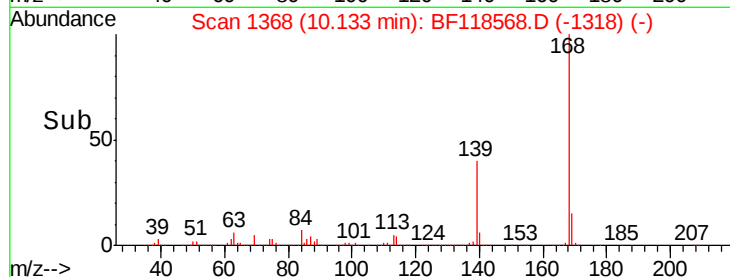
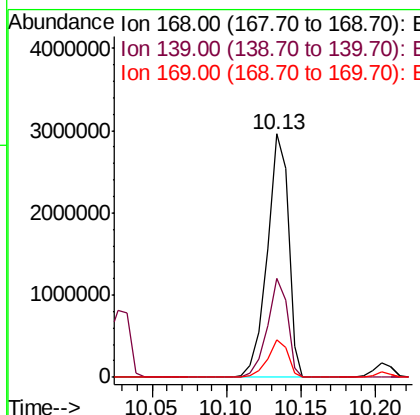
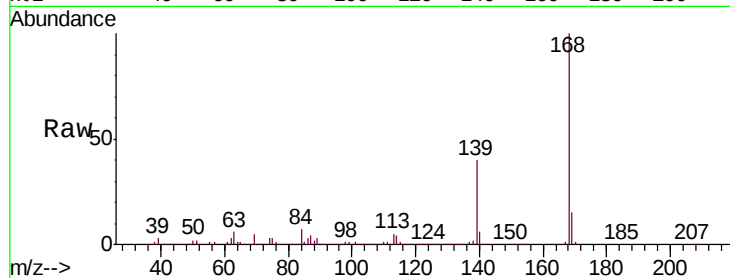




#55
Dibenzofuran
Concen: 51.150 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

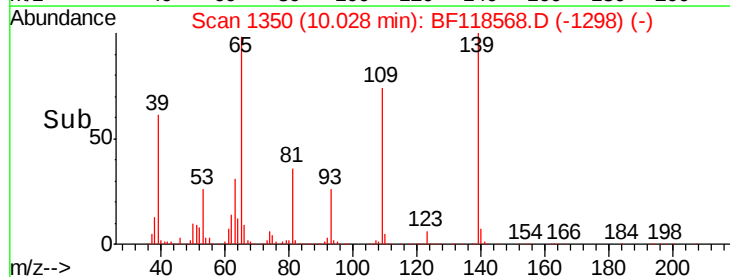
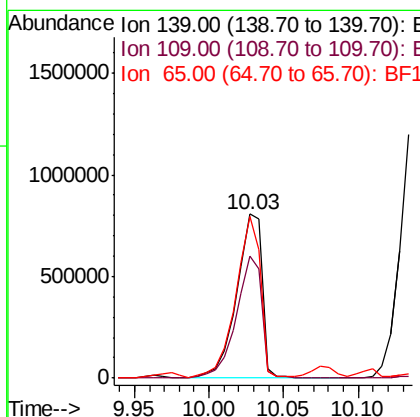
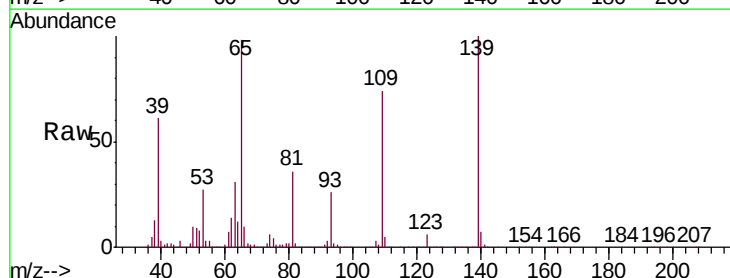
Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

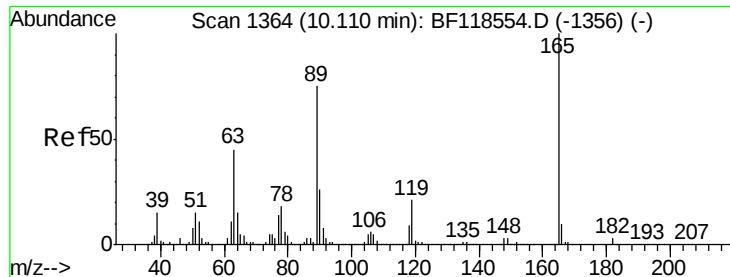
Tgt Ion:168 Resp: 2884863
Ion Ratio Lower Upper
168 100
139 40.5 30.6 46.0
169 15.4 11.9 17.9



#56
4-Nitrophenol
Concen: 122.488 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion:139 Resp: 960666
Ion Ratio Lower Upper
139 100
109 74.1 56.9 96.9
65 98.2 81.7 121.7

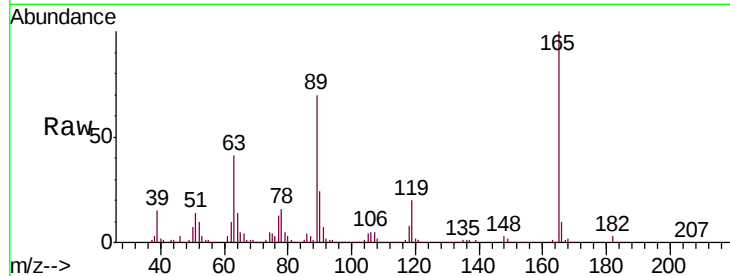




#57
 2,4-Dinitrotoluene
 Concen: 56.614 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.2	35.8	53.6
89	70.1	59.9	89.9
182	2.8	2.2	3.2

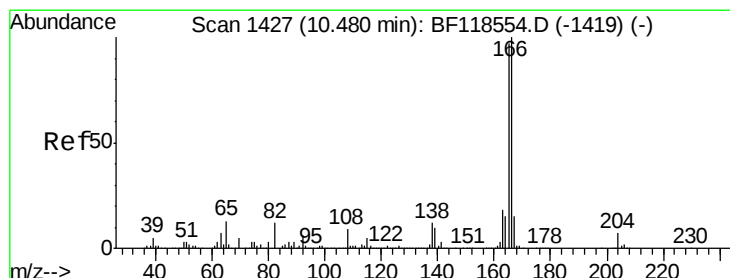
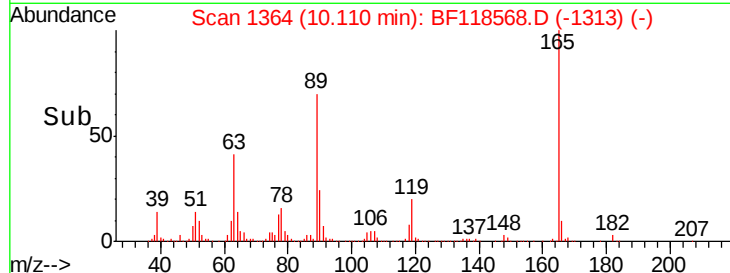
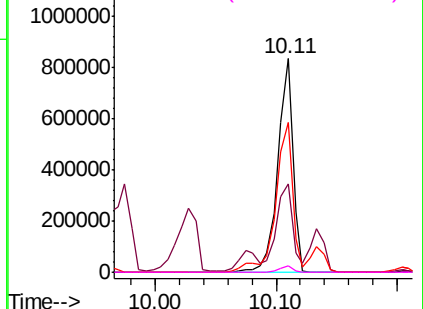


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

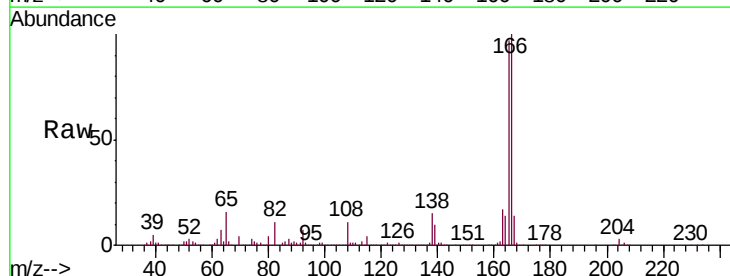
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 52.112 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

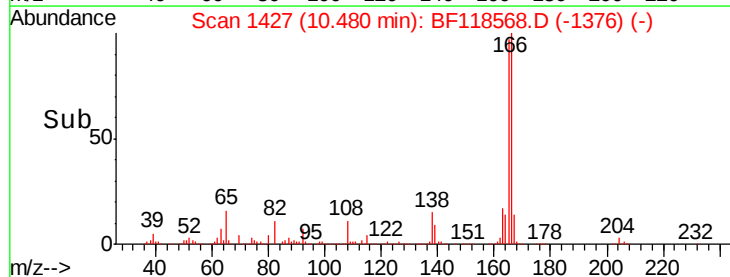
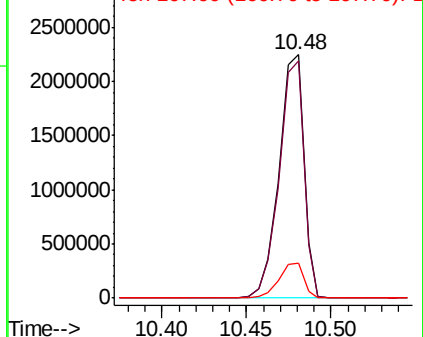
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.8
167	14.1	11.7	17.5

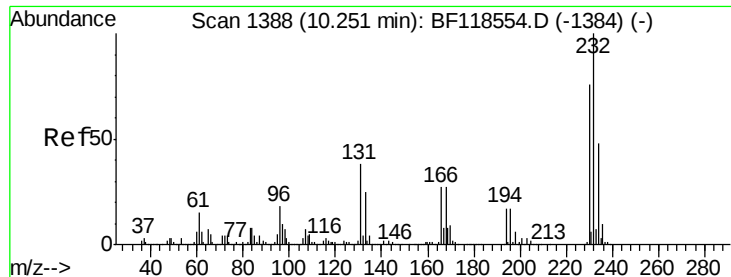


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

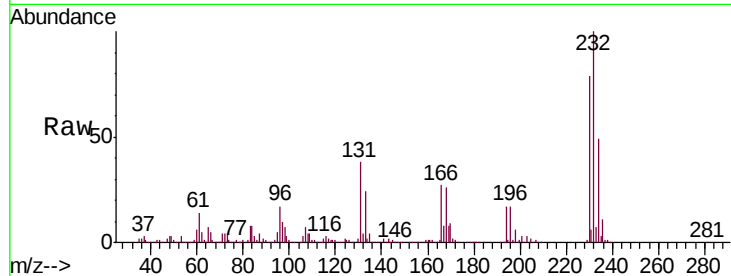




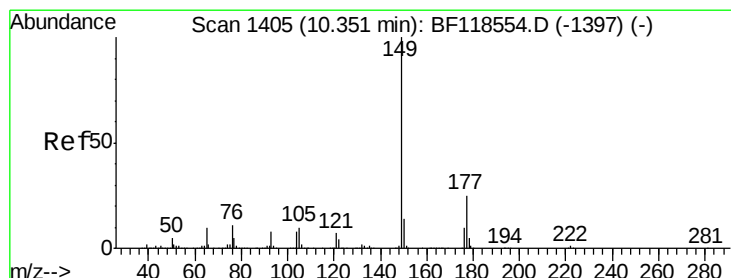
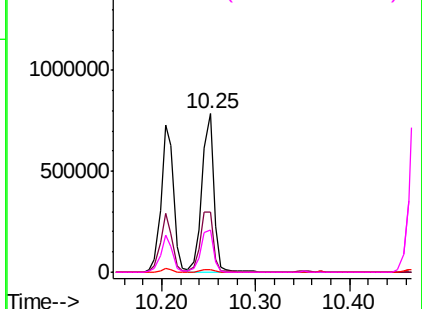
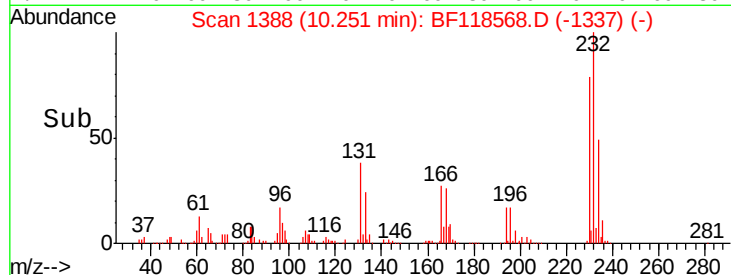
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.171 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Tgt Ion:232 Resp: 688870
Ion Ratio Lower Upper
232 100
131 42.4 32.3 48.5
130 2.1 1.7 2.5
166 28.7 22.2 33.2

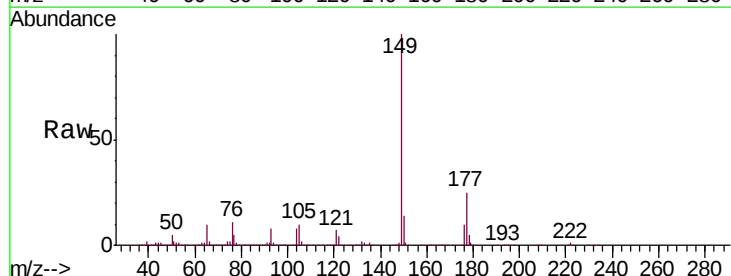


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

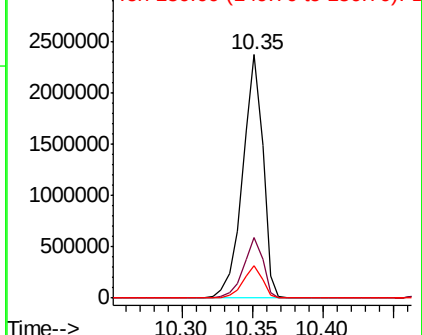
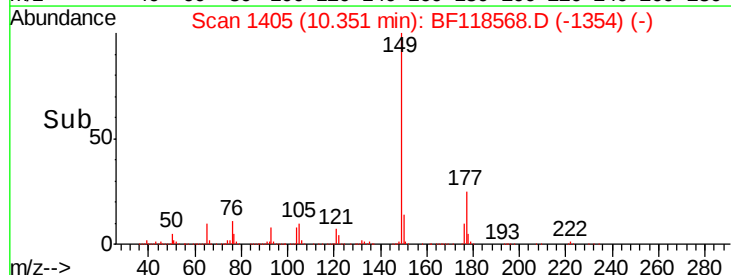


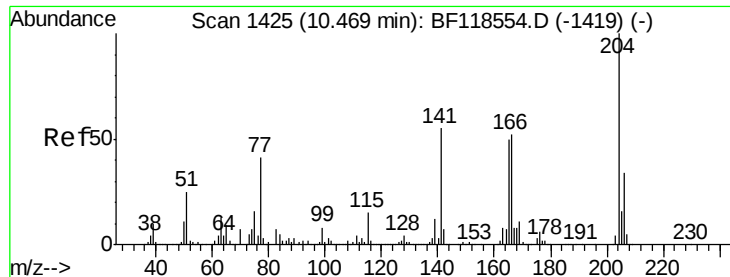
#60
Diethylphthalate
Concen: 49.511 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion:149 Resp: 2374314
Ion Ratio Lower Upper
149 100
177 25.0 20.2 30.4
150 13.5 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

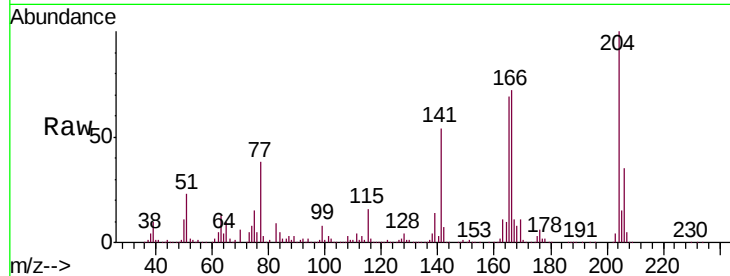




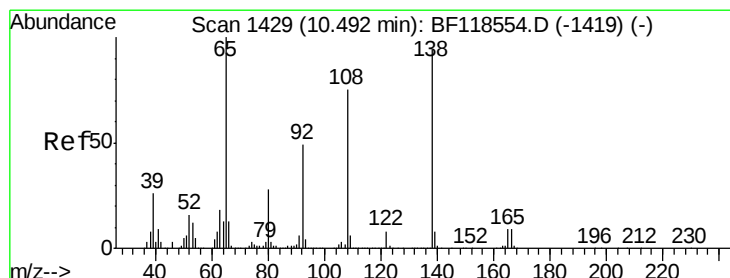
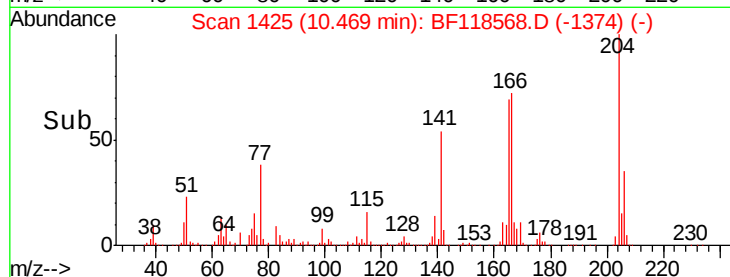
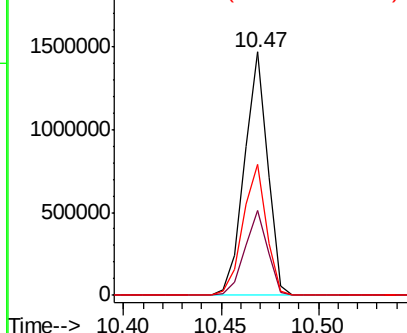
#61
 4-Chlorophenyl-phenylether
 Concen: 50.356 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion: 204 Resp: 1203161
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.1 40.7
 141 54.0 44.4 66.6

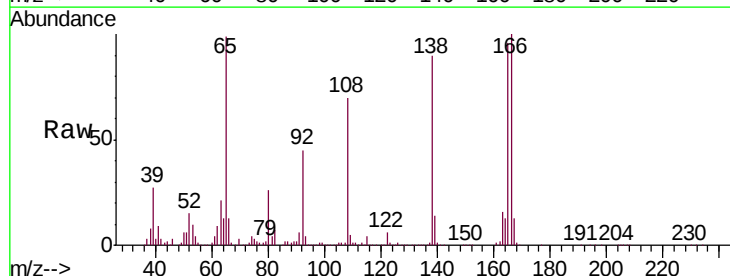


Abundance Ion 204.00 (203.70 to 204.70): E
 2000000
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

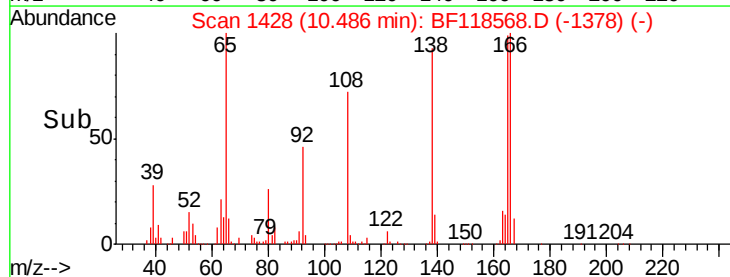
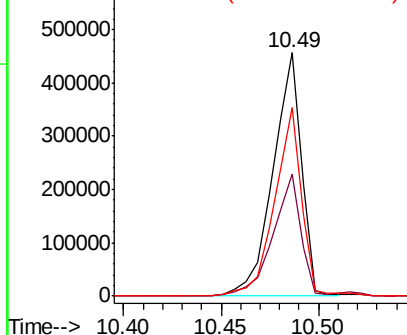


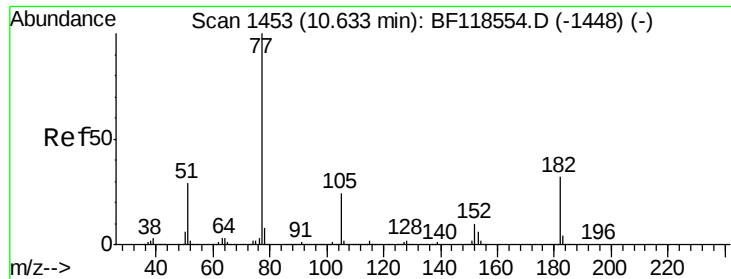
#62
 4-Nitroaniline
 Concen: 43.753 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion: 138 Resp: 461377
 Ion Ratio Lower Upper
 138 100
 92 50.0 31.7 71.7
 108 77.7 59.6 99.6



Abundance Ion 138.00 (137.70 to 138.70): E
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 50.359 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

Tgt Ion: 77 Resp: 2353739

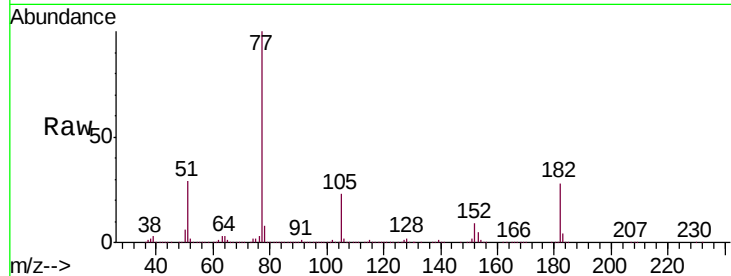
Ion Ratio Lower Upper

77 100

182 27.9 11.7 51.7

105 22.6 3.6 43.6

51 29.3 9.0 49.0

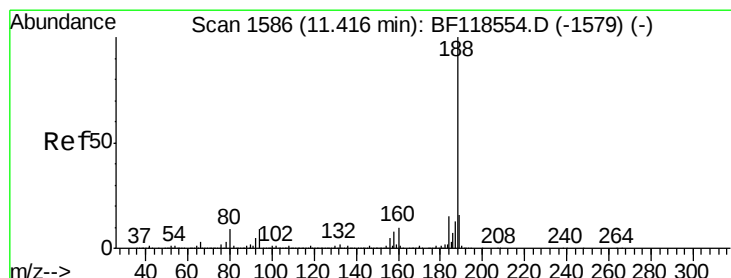
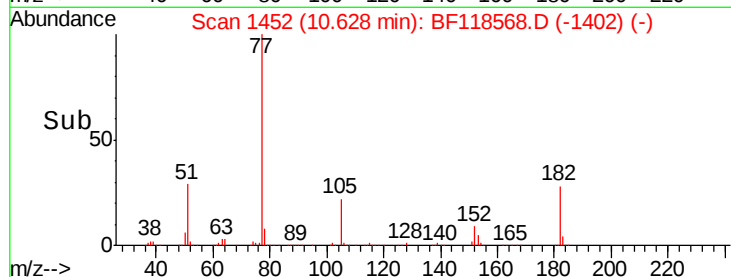
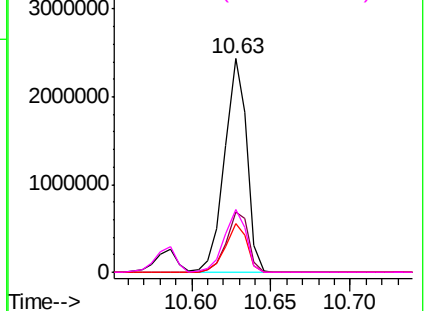


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

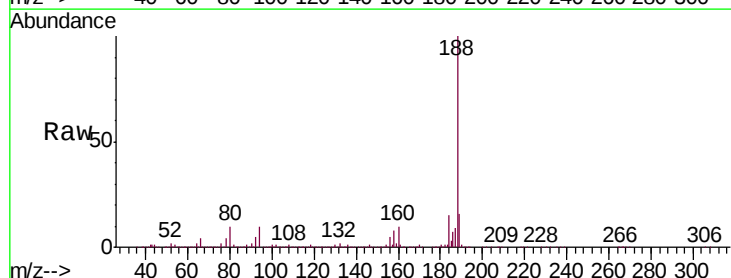
Tgt Ion: 188 Resp: 1331768

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

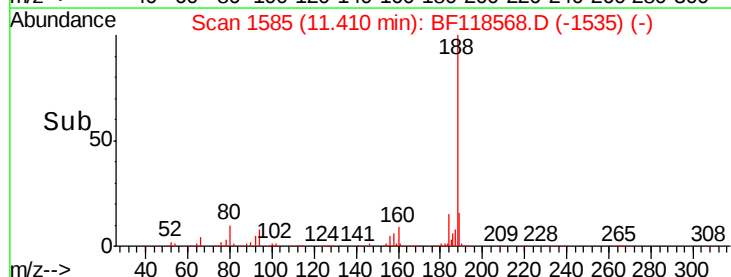
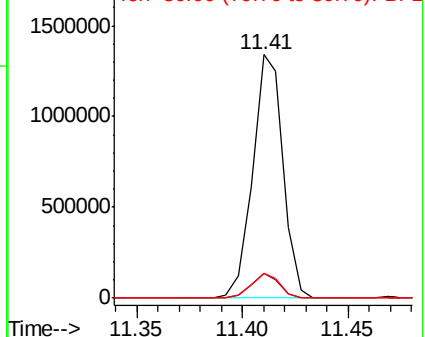
80 10.4 7.4 11.2

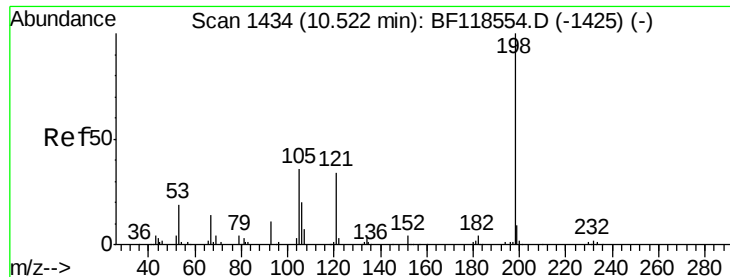


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 56.728 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

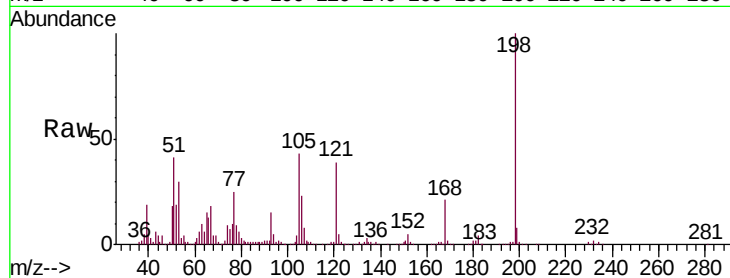
Tgt Ion:198 Resp: 319486

Ion Ratio Lower Upper

198 100

51 41.3 13.2 53.2

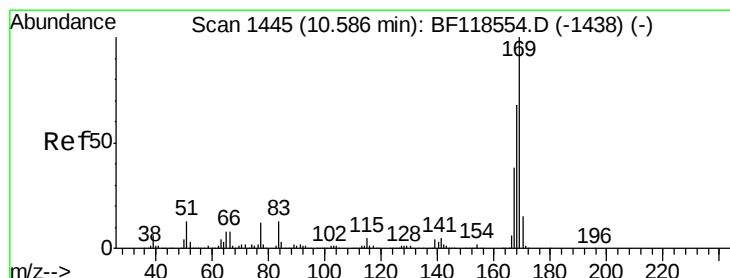
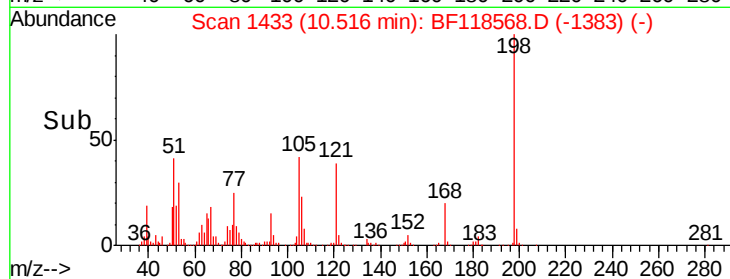
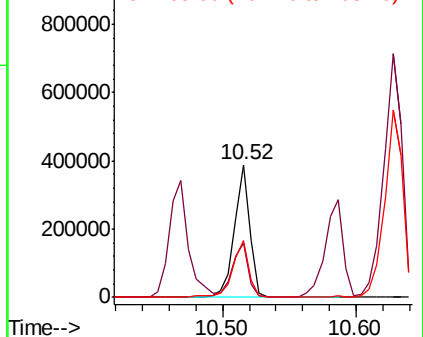
105 42.6 17.2 57.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.554 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

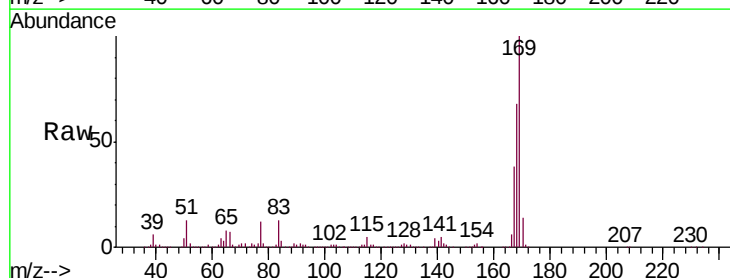
Tgt Ion:169 Resp: 2034938

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

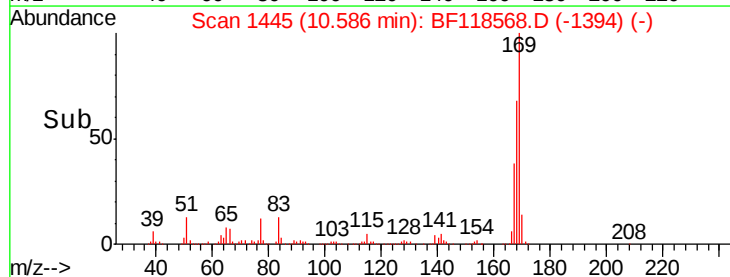
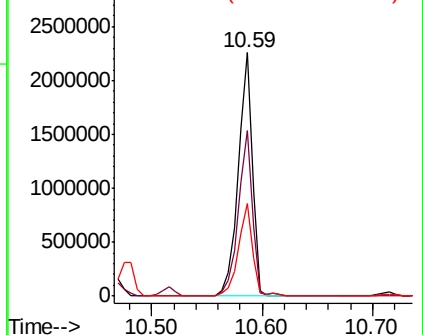
167 37.9 30.5 45.7

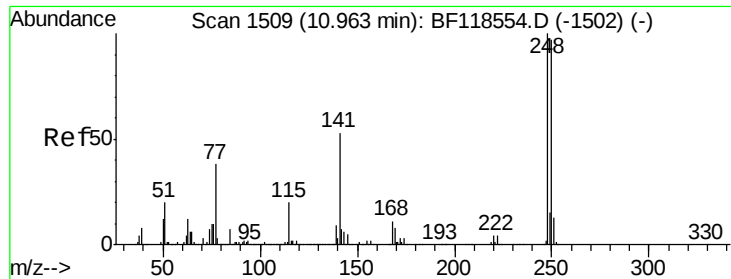


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

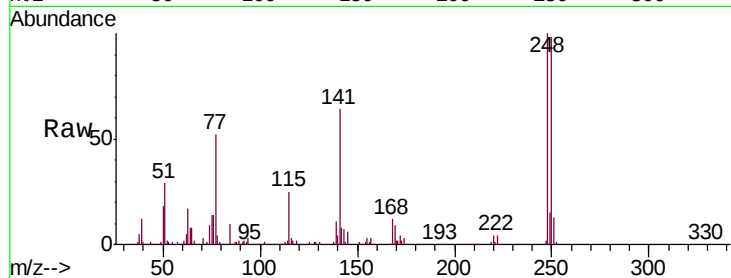




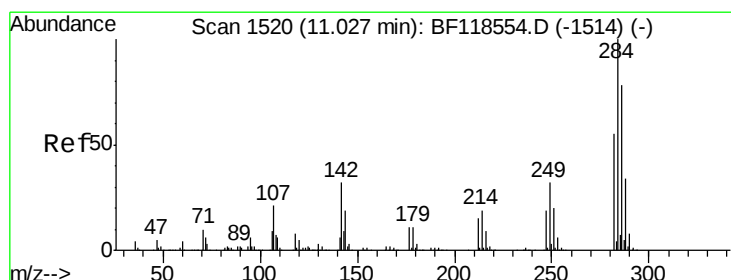
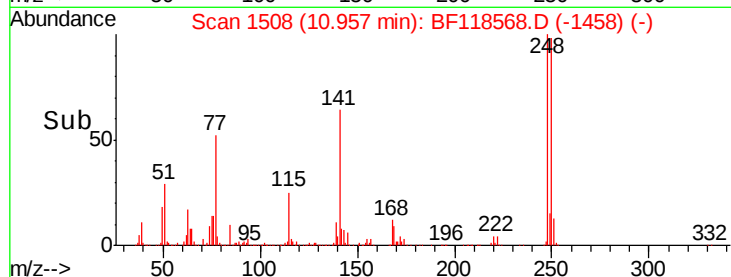
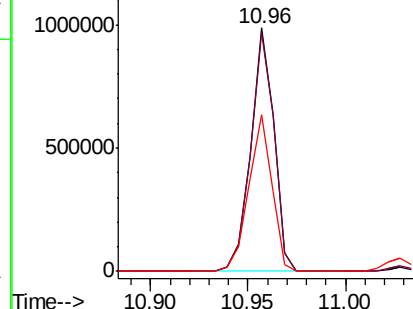
#67
 4-Bromophenyl-phenylether
 Concen: 45.498 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

Tgt Ion:248 Resp: 811097
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.8 116.8
 141 64.3 42.7 64.1#

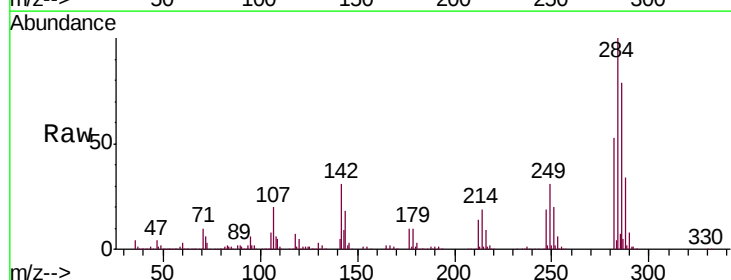


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

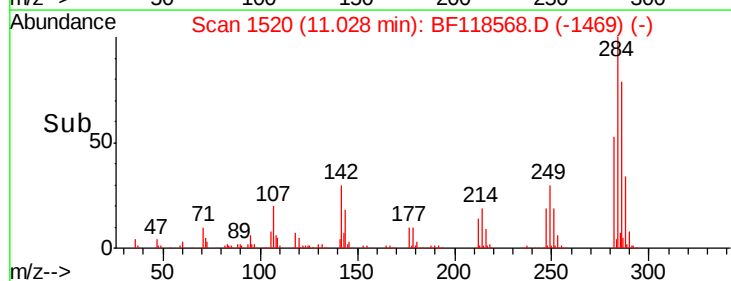
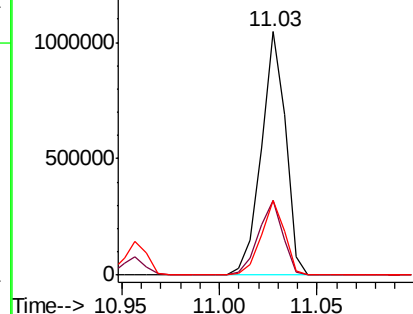


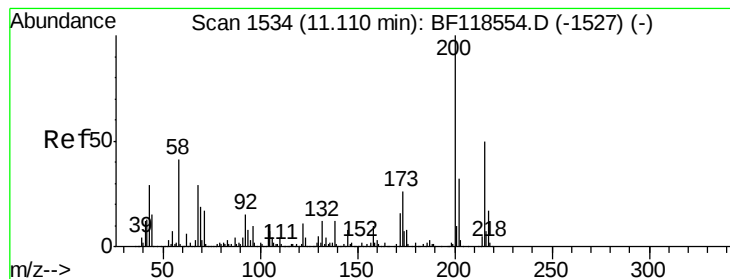
#68
 Hexachlorobenzene
 Concen: 45.464 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion:284 Resp: 898159
 Ion Ratio Lower Upper
 284 100
 142 30.6 25.6 38.4
 249 30.5 25.6 38.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.913 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

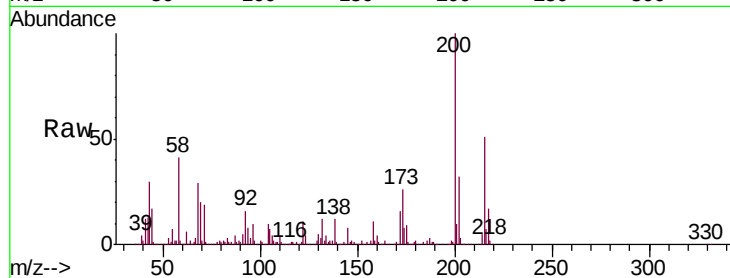
Tgt Ion:200 Resp: 616360

Ion Ratio Lower Upper

200 100

173 26.4 5.8 45.8

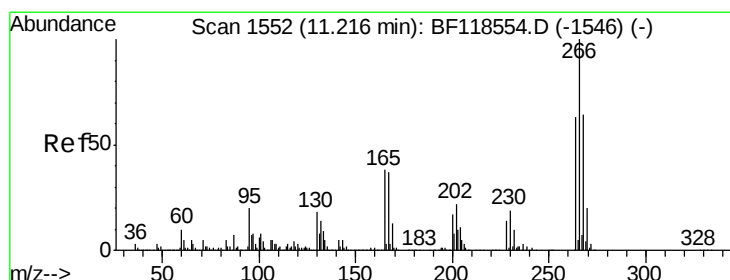
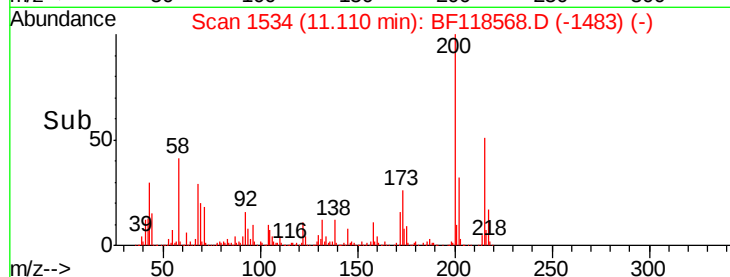
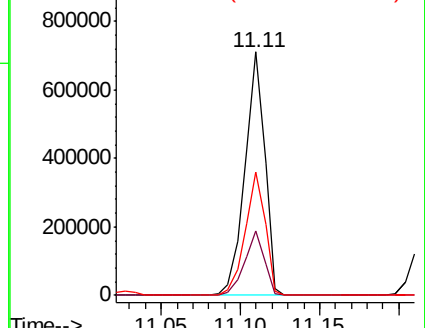
215 50.8 29.8 69.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.517 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

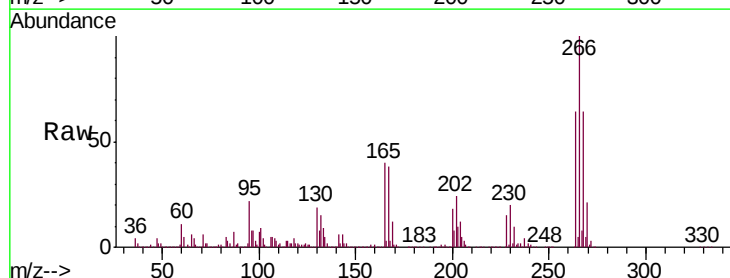
Tgt Ion:266 Resp: 1073002

Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

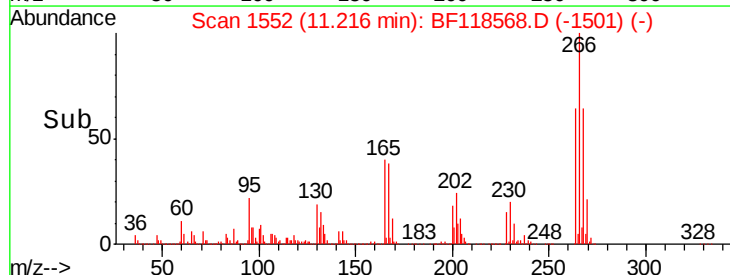
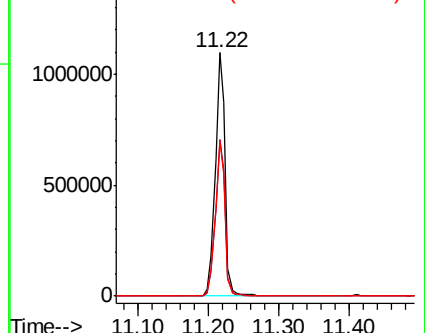
264 63.8 50.5 75.7

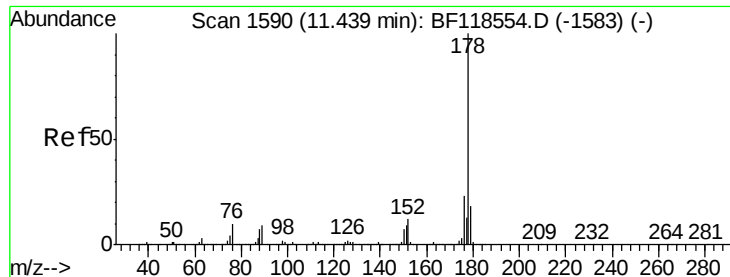


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.738 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

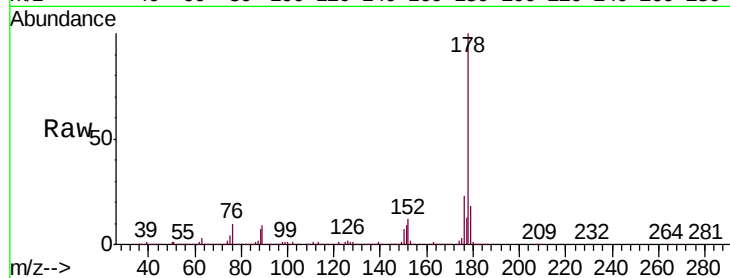
Tgt Ion:178 Resp: 3329506

Ion Ratio Lower Upper

178 100

176 23.2 18.6 28.0

179 17.8 14.6 22.0

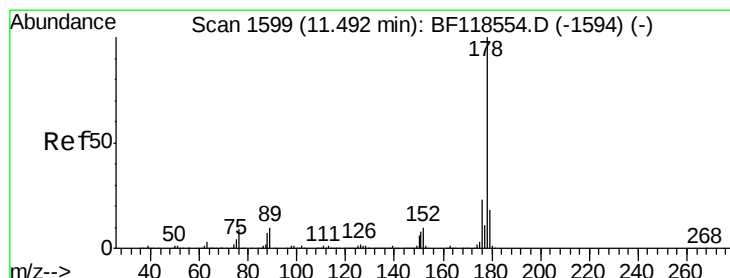
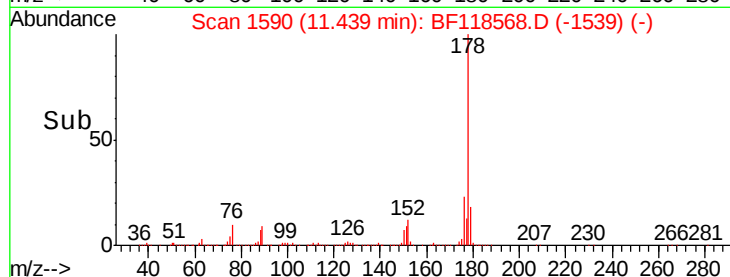
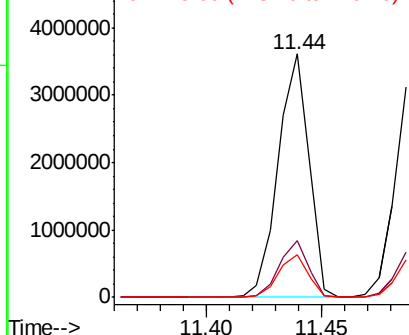


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.923 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

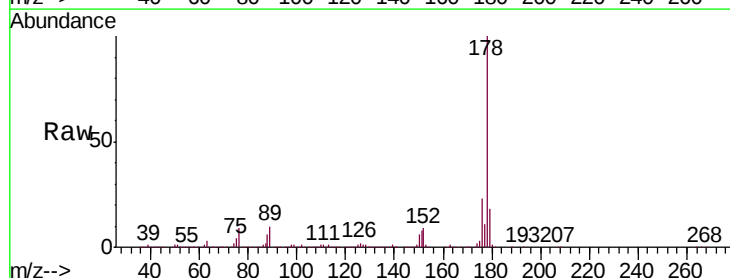
Tgt Ion:178 Resp: 3401064

Ion Ratio Lower Upper

178 100

176 22.5 18.1 27.1

179 18.2 14.7 22.1

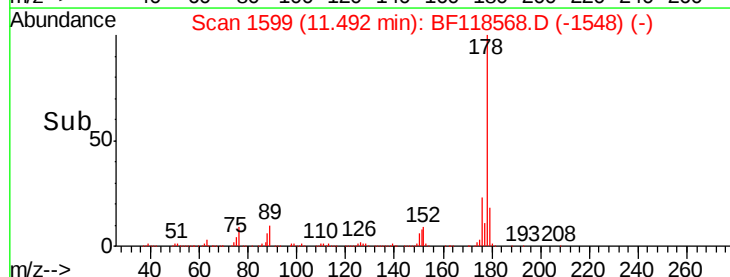
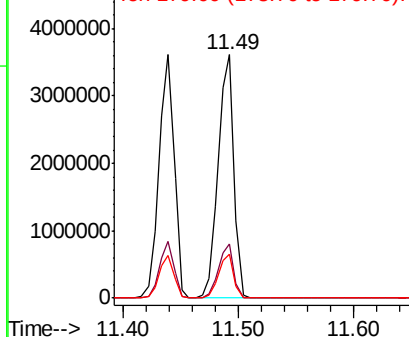


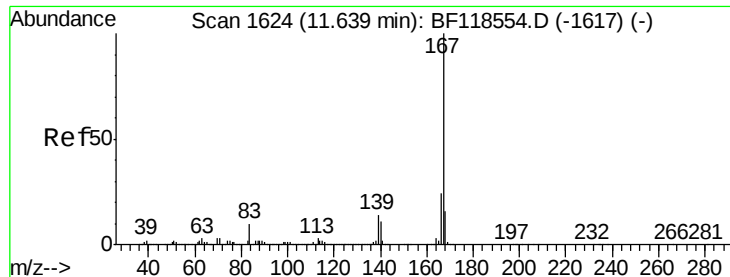
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

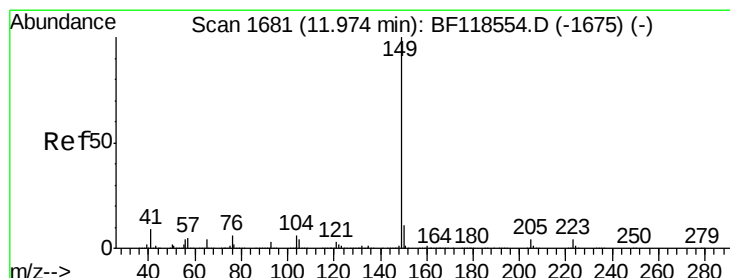
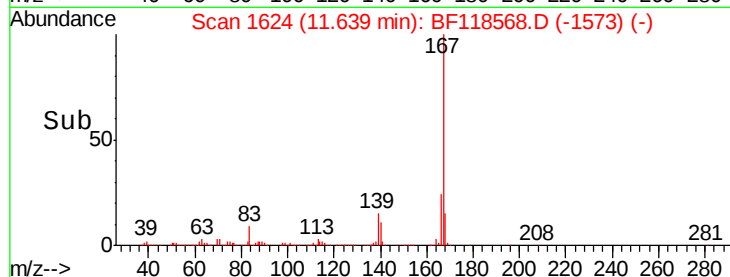
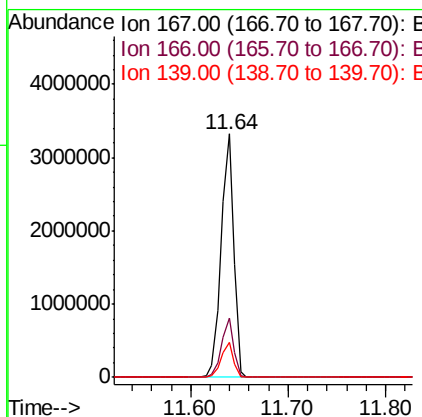
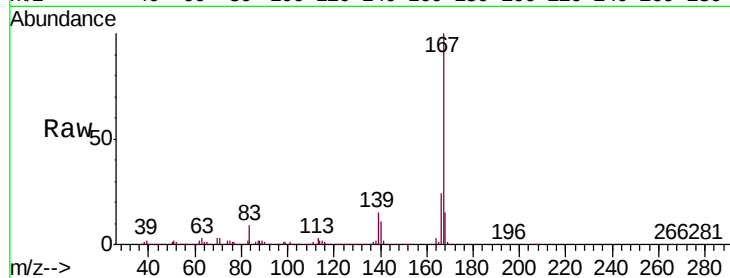




#73
 Carbazole
 Concen: 49.811 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

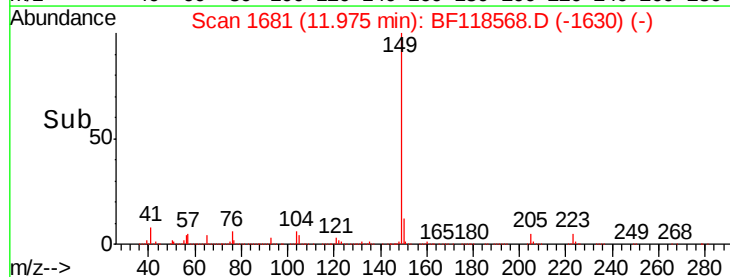
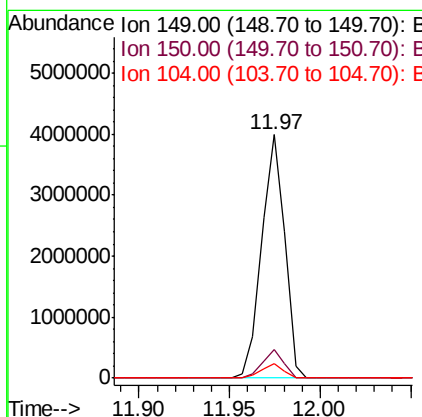
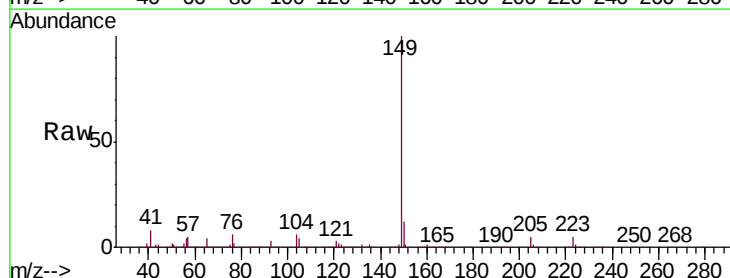
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420MS

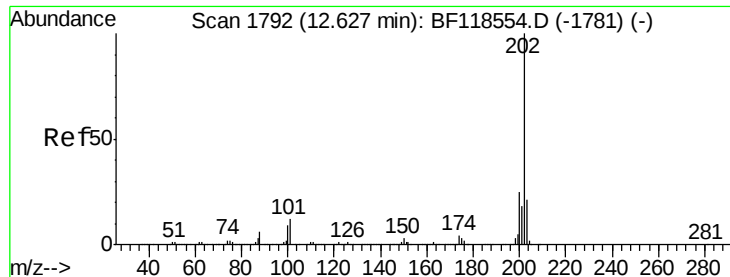
Tgt Ion:167 Resp: 3000332
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.5 29.3
 139 14.6 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 47.130 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118568.D
 Acq: 17 Jan 2020 19:59

Tgt Ion:149 Resp: 3527888
 Ion Ratio Lower Upper
 149 100
 150 11.6 9.0 13.6
 104 6.1 5.0 7.4





#75

Fluoranthene

Concen: 50.517 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

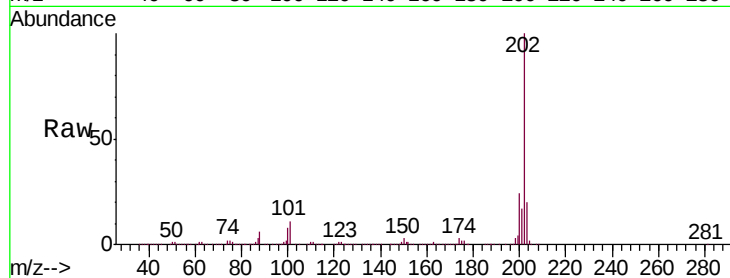
Tgt Ion:202 Resp: 3636672

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.9

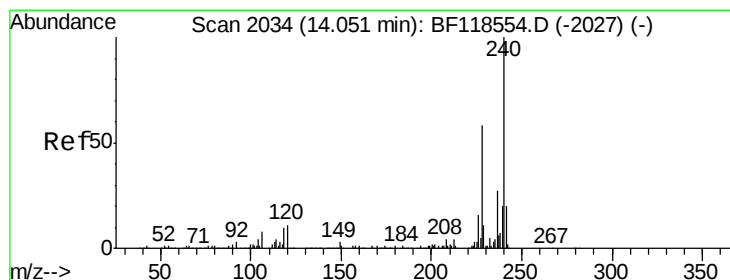
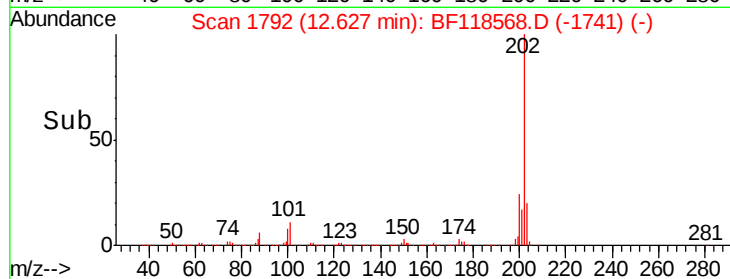
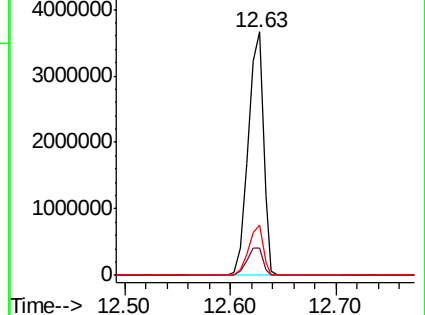
203 20.4 0.9 40.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

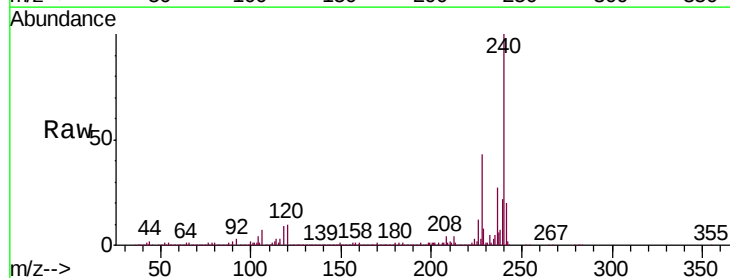
Tgt Ion:240 Resp: 1104596

Ion Ratio Lower Upper

240 100

120 10.3 8.7 13.1

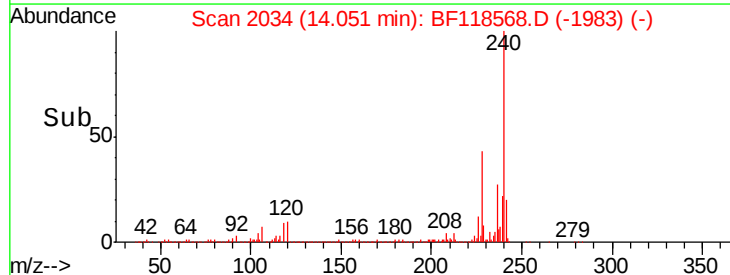
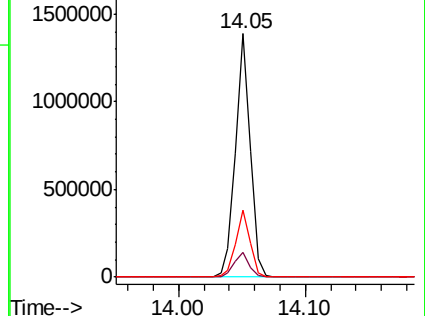
236 27.5 21.8 32.8

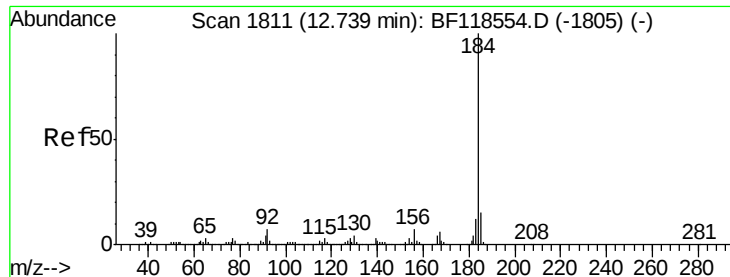


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.951 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

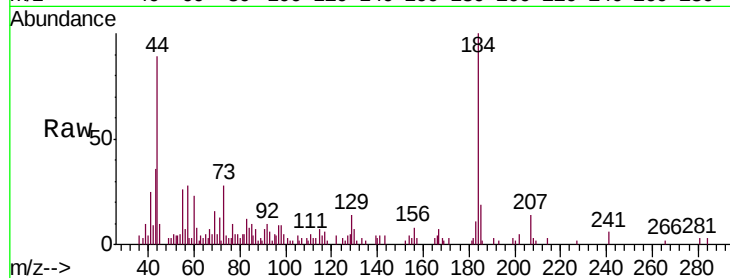
Tgt Ion:184 Resp: 25525

Ion Ratio Lower Upper

184 100

185 19.4 12.3 18.5#

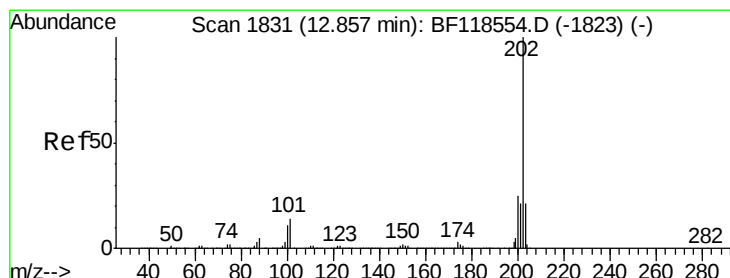
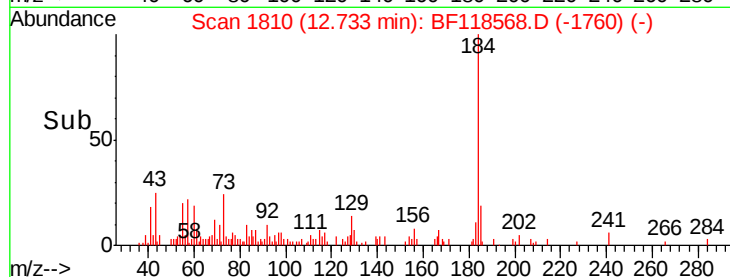
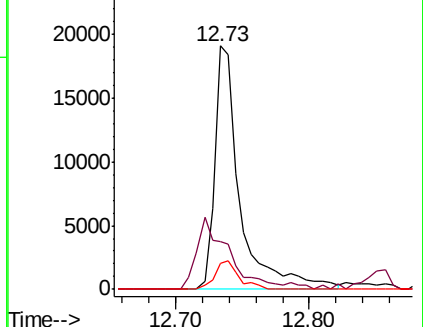
183 10.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.407 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

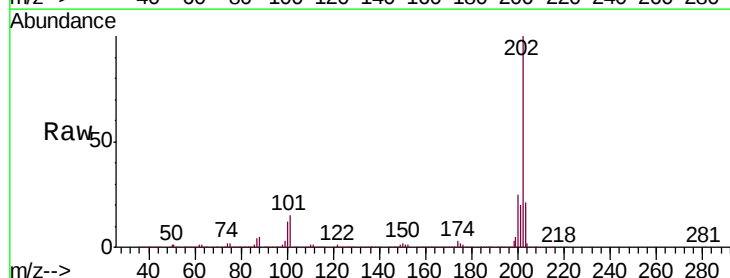
Tgt Ion:202 Resp: 3661071

Ion Ratio Lower Upper

202 100

200 24.9 20.2 30.4

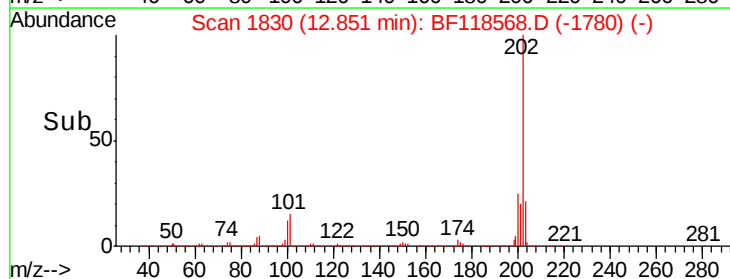
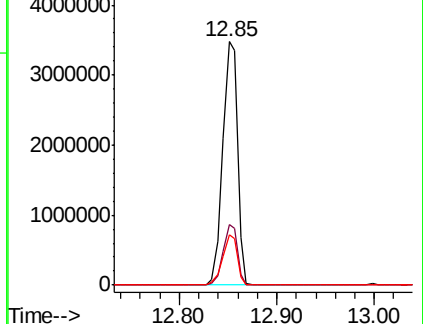
203 20.6 16.6 25.0

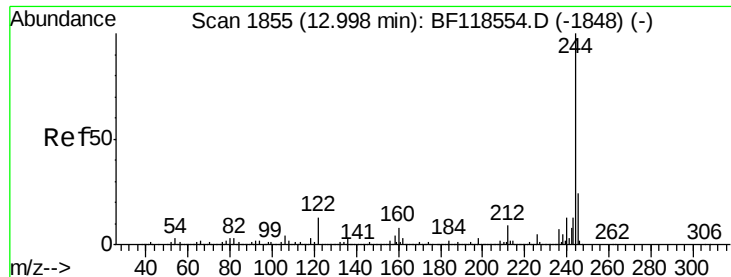


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.100 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

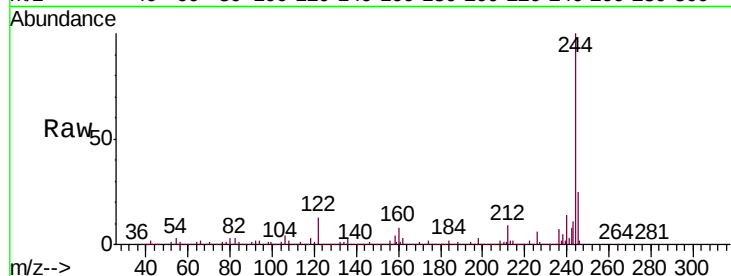
Tgt Ion:244 Resp: 5039362

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

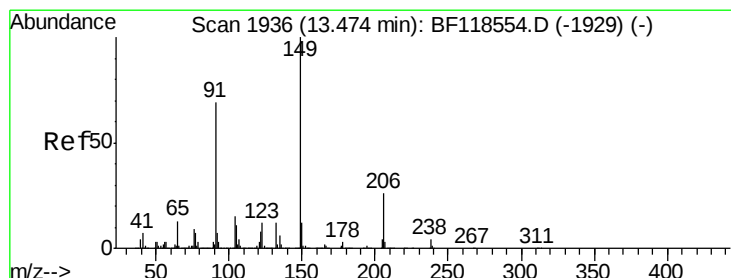
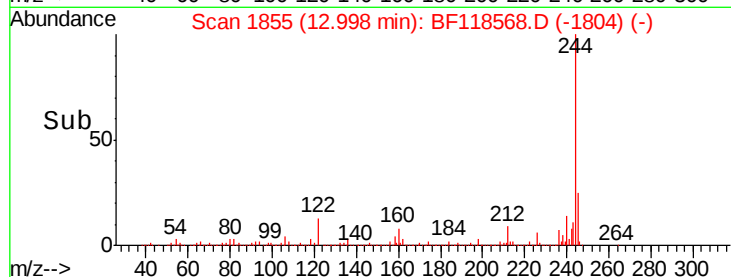
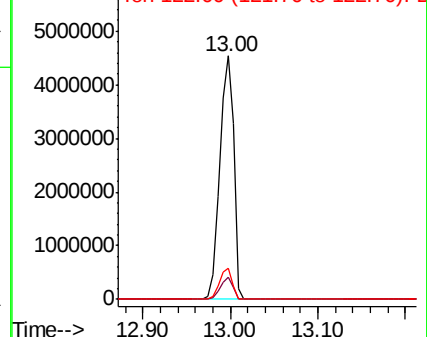
122 13.0 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.995 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

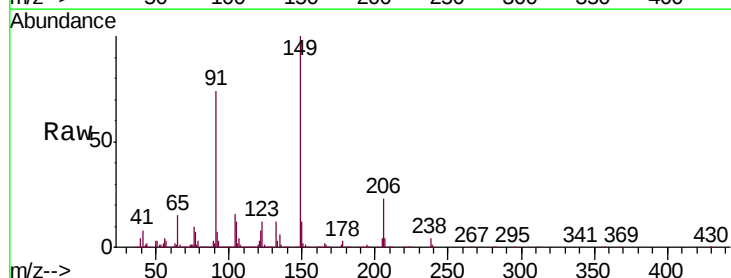
Tgt Ion:149 Resp: 1625460

Ion Ratio Lower Upper

149 100

91 74.4 55.5 83.3

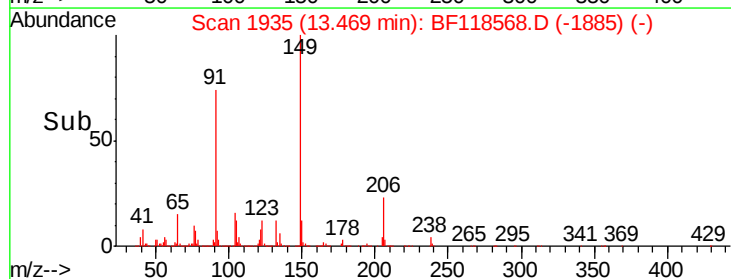
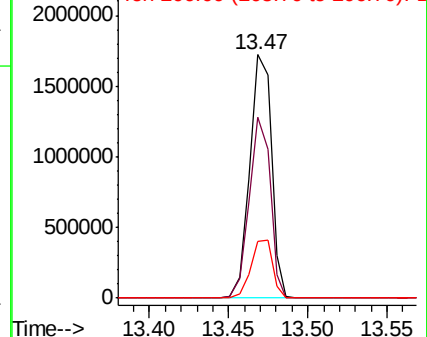
206 23.4 20.7 31.1

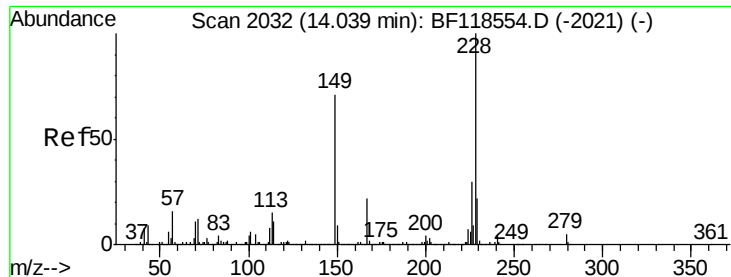


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

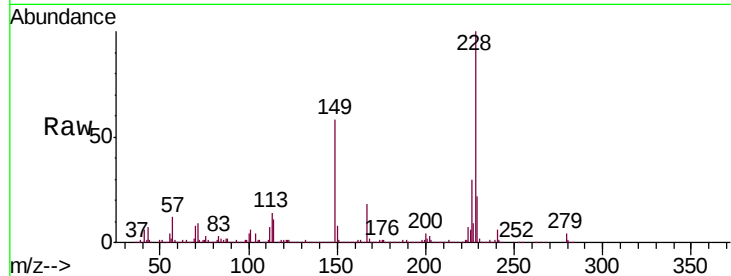




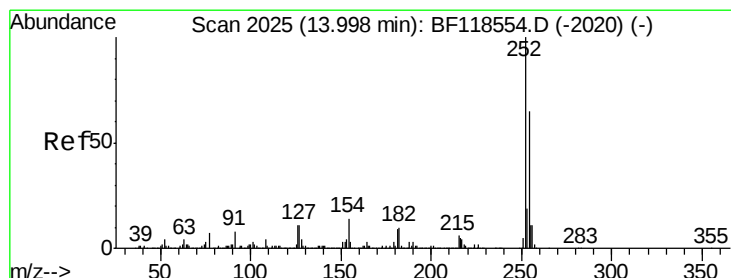
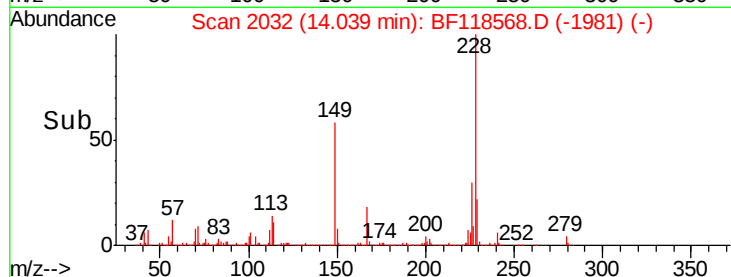
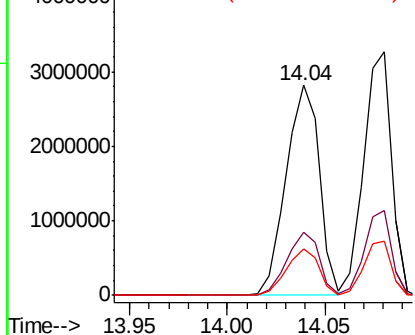
#81
Benzo(a)anthracene
Concen: 47.715 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Tgt Ion:228 Resp: 3326831
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 22.0 17.3 25.9

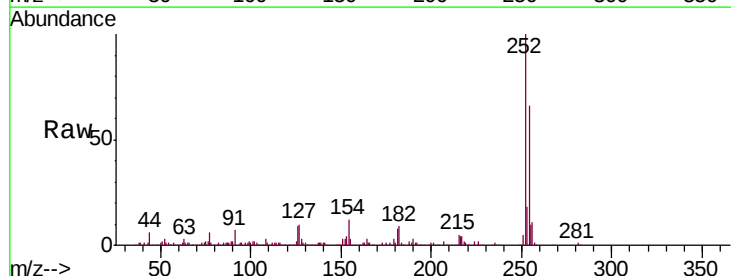


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

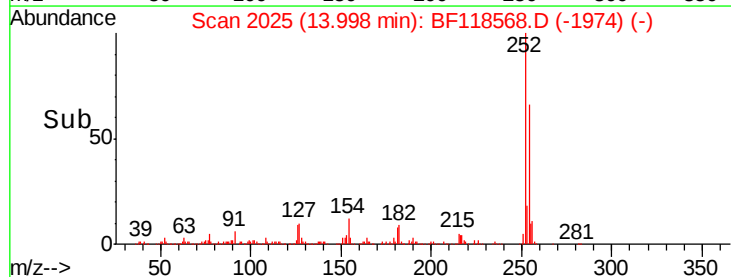
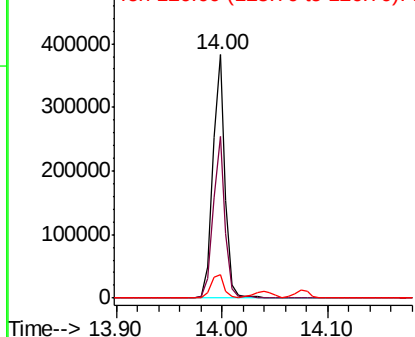


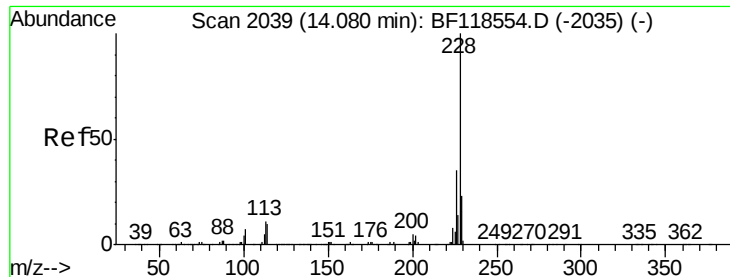
#82
3,3'-Dichlorobenzidine
Concen: 12.729 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion:252 Resp: 311386
Ion Ratio Lower Upper
252 100
254 66.3 52.0 78.0
126 9.4 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.195 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

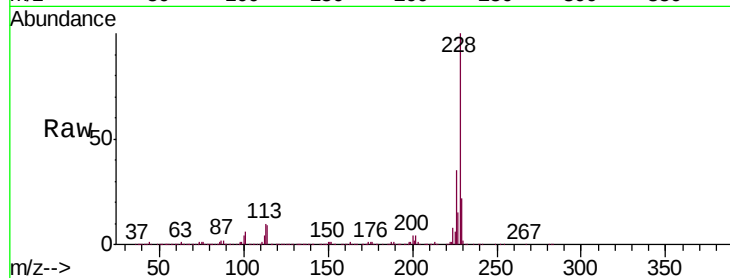
Tgt Ion:228 Resp: 3232187

Ion Ratio Lower Upper

228 100

226 34.8 28.2 42.2

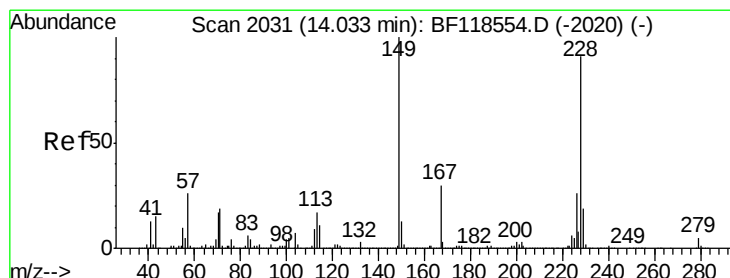
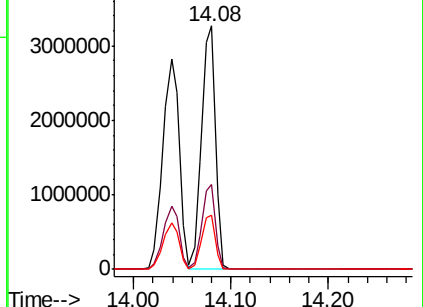
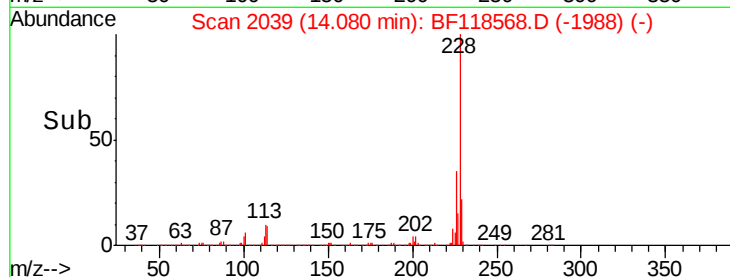
229 22.5 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.959 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

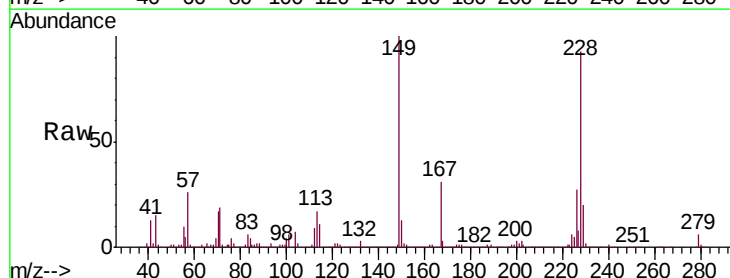
Tgt Ion:149 Resp: 2147552

Ion Ratio Lower Upper

149 100

167 30.5 23.9 35.9

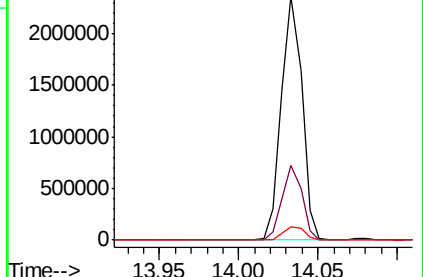
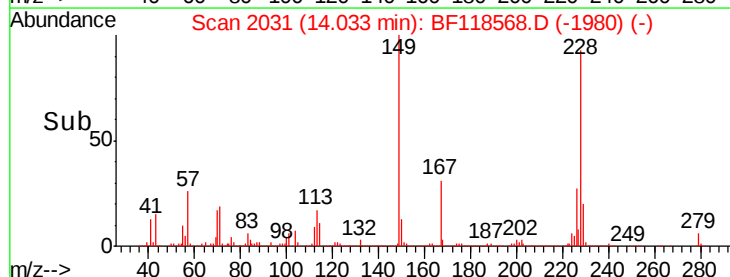
279 5.7 4.2 6.2

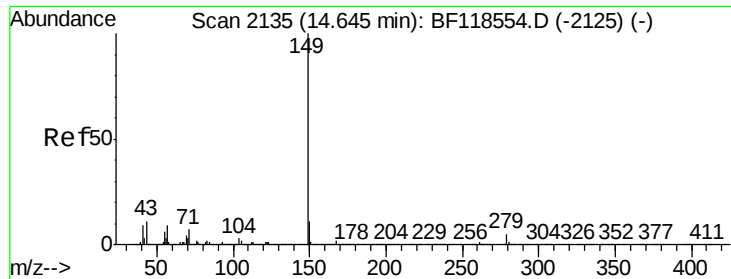


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.385 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

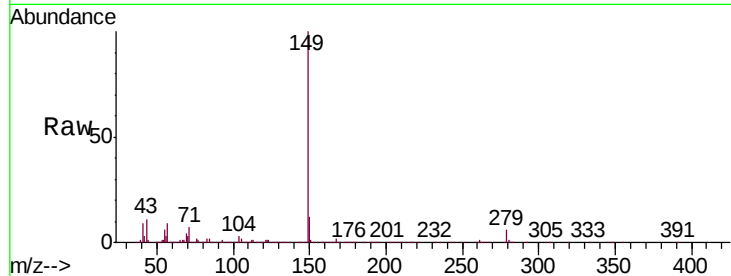
Tgt Ion:149 Resp: 3585907

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

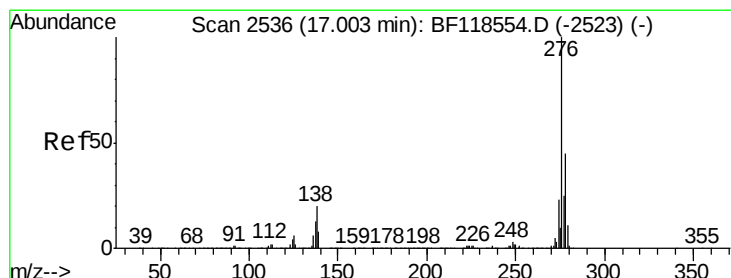
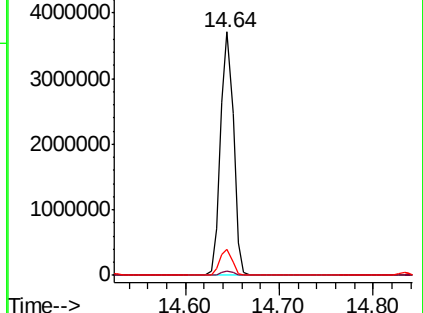
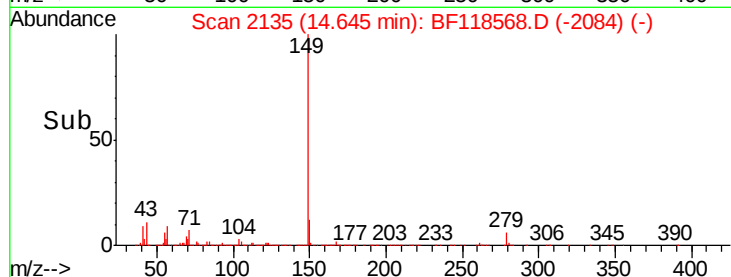
43 10.5 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.276 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

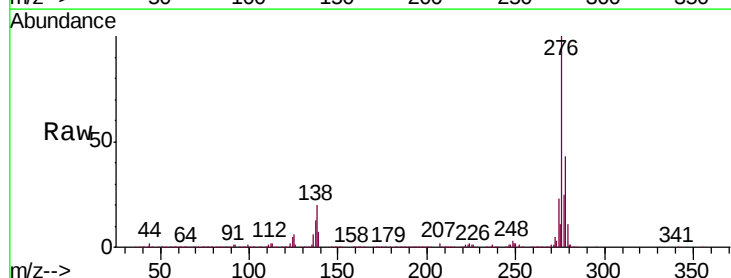
Tgt Ion:276 Resp: 3515985

Ion Ratio Lower Upper

276 100

138 21.9 17.3 25.9

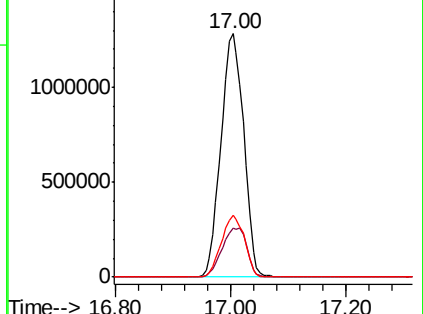
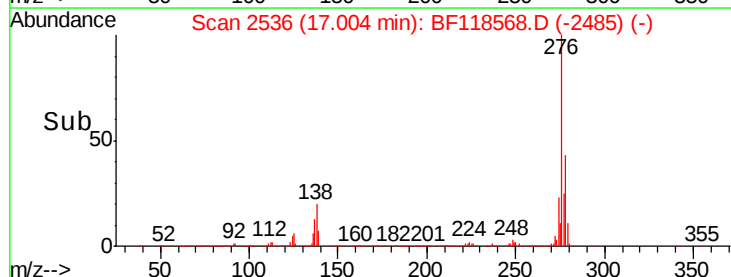
277 25.8 20.5 30.7

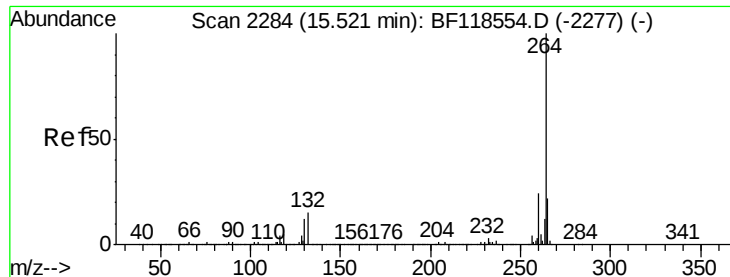


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-011420MS

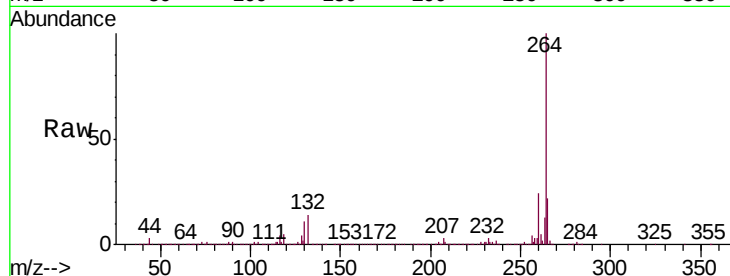
Tgt Ion:264 Resp: 1087922

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

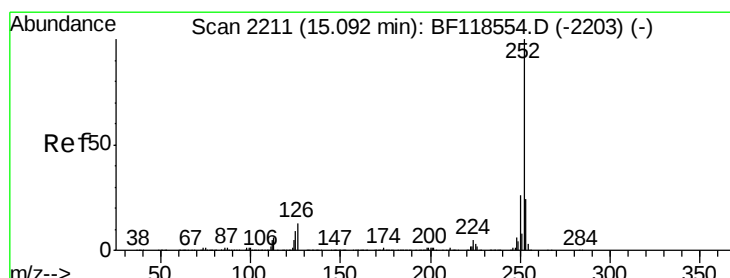
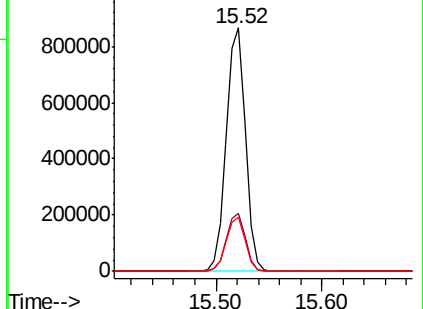
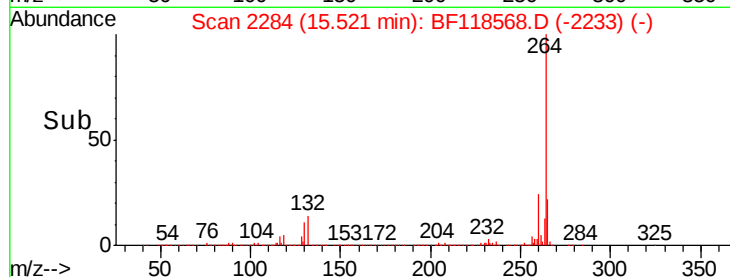
265 22.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.861 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF118568.D

Acq: 17 Jan 2020 19:59

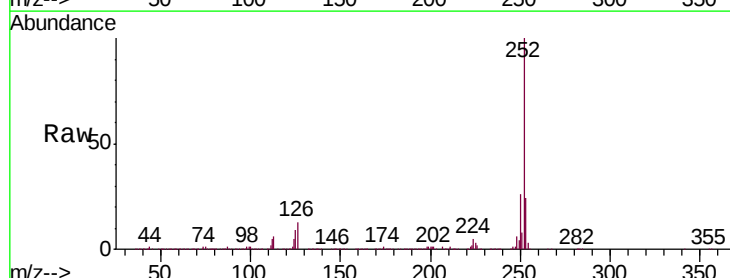
Tgt Ion:252 Resp: 3532994

Ion Ratio Lower Upper

252 100

253 24.1 19.1 28.7

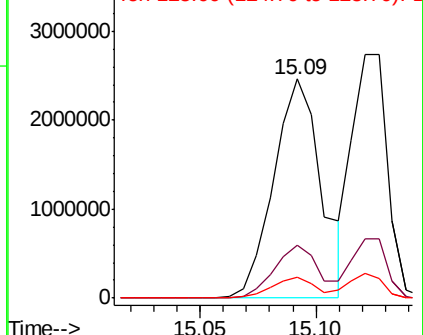
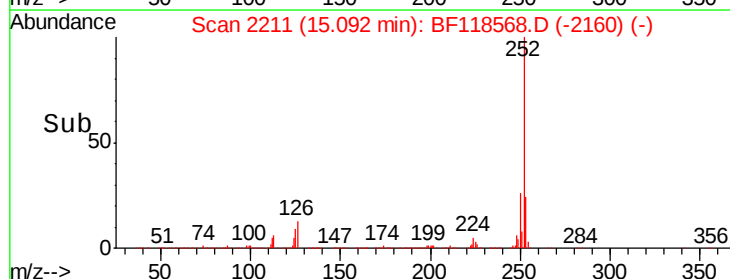
125 9.4 7.5 11.3

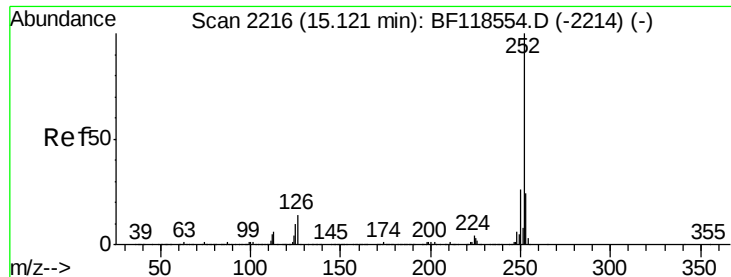


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

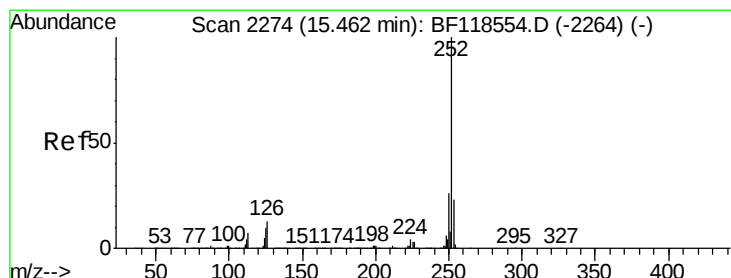
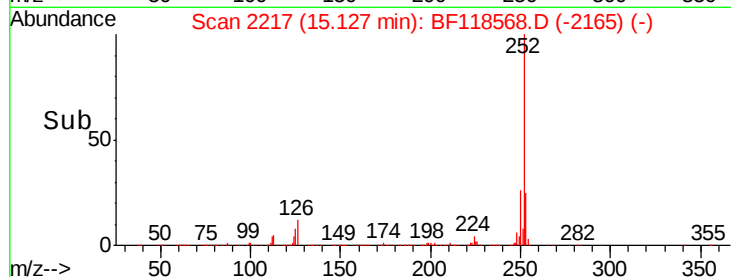
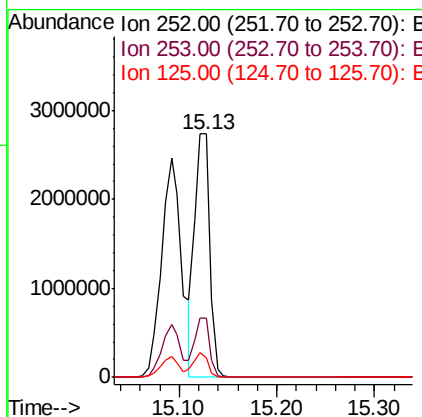
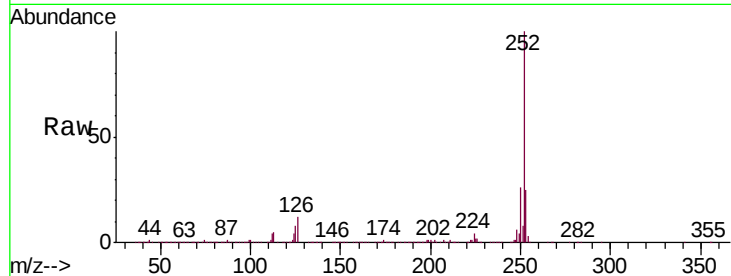




#89
Benzo(k)fluoranthene
Concen: 45.600 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

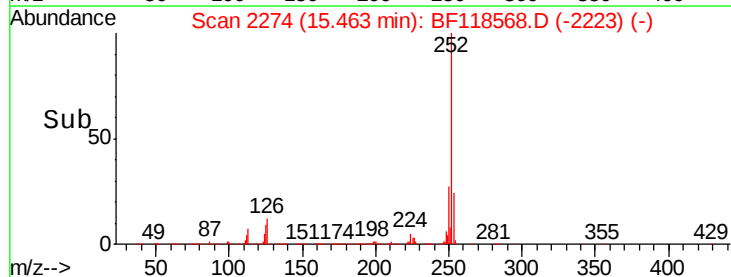
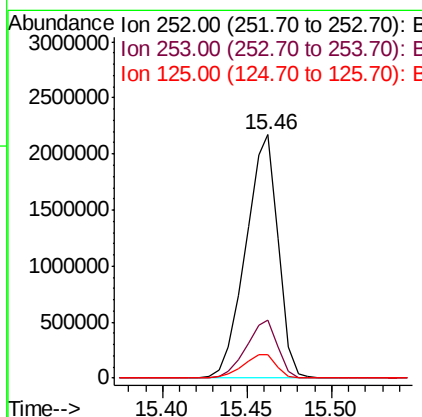
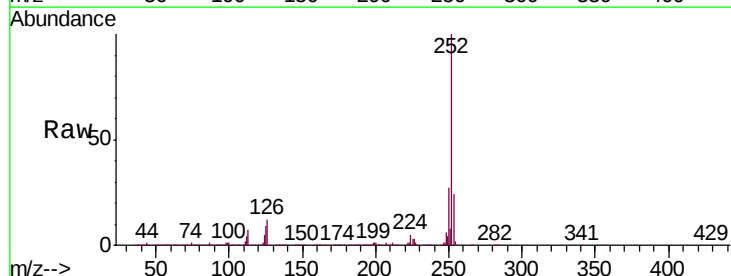
Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

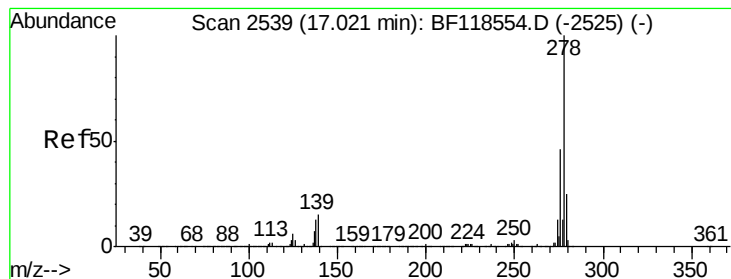
Tgt Ion:252 Resp: 2920151
Ion Ratio Lower Upper
252 100
253 24.6 19.0 28.4
125 8.3 7.8 11.8



#90
Benzo(a)pyrene
Concen: 46.883 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion:252 Resp: 2890553
Ion Ratio Lower Upper
252 100
253 23.7 18.3 27.5
125 9.5 7.8 11.6



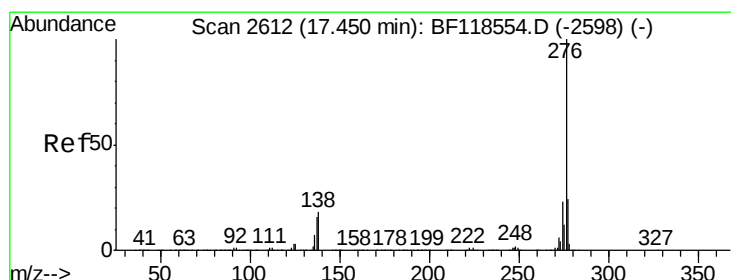
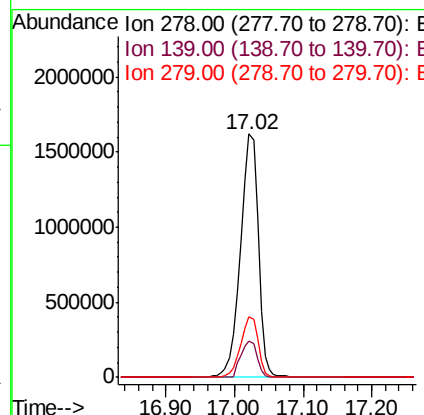
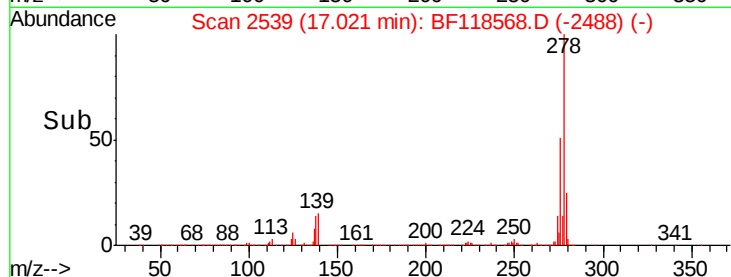
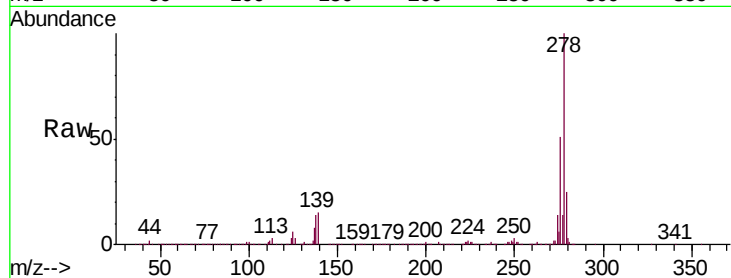


#91
Dibenzo(a,h)anthracene
Concen: 50.832 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Tgt Ion: 278 Resp: 2927128

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	25.1	20.0	30.0



#92
Benzo(g,h,i)perylene
Concen: 52.480 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.01 min
Lab File: BF118568.D
Acq: 17 Jan 2020 19:59

Tgt Ion: 276 Resp: 2919112

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	18.4	14.7	22.1

