

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118555.D
 Acq On : 17 Jan 2020 12:02
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 13:31:11 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 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	432815	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1569865	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	889736	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1557145	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1026640	20.00	ng	0.00
87) Perylene-d12	15.52	264	872902	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2427917	96.03	ng	0.00
7) Phenol-d6	6.52	99	3165347	104.06	ng	0.00
23) Nitrobenzene-d5	7.46	82	2890924	112.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1073486	99.47	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	5033538	91.26	ng	0.00
79) Terphenyl-d14	13.00	244	5360239	86.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	578756	56.273	ng	99
3) Pyridine	3.45	79	1586863	58.464	ng	99
4) n-Nitrosodimethylamine	3.39	42	739832	78.549	ng	99
6) Aniline	6.56	93	2195599	57.207	ng	98
8) 2-Chlorophenol	6.68	128	1406074	49.613	ng	97
9) Benzaldehyde	6.44	77	749372	52.897	ng	97
10) Phenol	6.53	94	1815169	53.070	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	1403608	54.583	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1652110	50.296	ng	100
13) 1,4-Dichlorobenzene	6.91	146	1653820	50.247	ng	99
14) 1,2-Dichlorobenzene	7.07	146	1559268	51.135	ng	97
15) Benzyl Alcohol	7.03	79	1330364	61.362	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	2066836	77.621	ng	100
17) 2-Methylphenol	7.14	107	1184784	53.576	ng	99
18) Hexachloroethane	7.41	117	615018	52.659	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	1159897	65.915	ng	98
20) 3+4-Methylphenols	7.30	107	1421767	49.384	ng	90
22) Acetophenone	7.30	105	1992365	54.706	ng	96
24) Nitrobenzene	7.47	77	1512442	59.355	ng	98
25) Isophorone	7.72	82	2865563	62.031	ng	99
26) 2-Nitrophenol	7.79	139	628725	42.052	ng	98
27) 2,4-Dimethylphenol	7.82	122	1164149	58.331	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1867788	58.652	ng	100
29) 2,4-Dichlorophenol	8.03	162	1293726	55.725	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	1493814	56.530	ng	100
31) Naphthalene	8.20	128	3852791	48.921	ng	98
32) Benzoic acid	7.96	122	791771	54.942	ng	99
33) 4-Chloroaniline	8.25	127	1769674	52.809	ng	98
34) Hexachlorobutadiene	8.32	225	928375	59.800	ng	98
35) Caprolactam	8.63	113	340363	47.572	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	1258896	52.539	ng	97
37) 2-Methylnaphthalene	8.89	142	2730237	51.859	ng	99
38) 1-Methylnaphthalene	8.99	142	2605556	52.194	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1510066	55.347	ng	99

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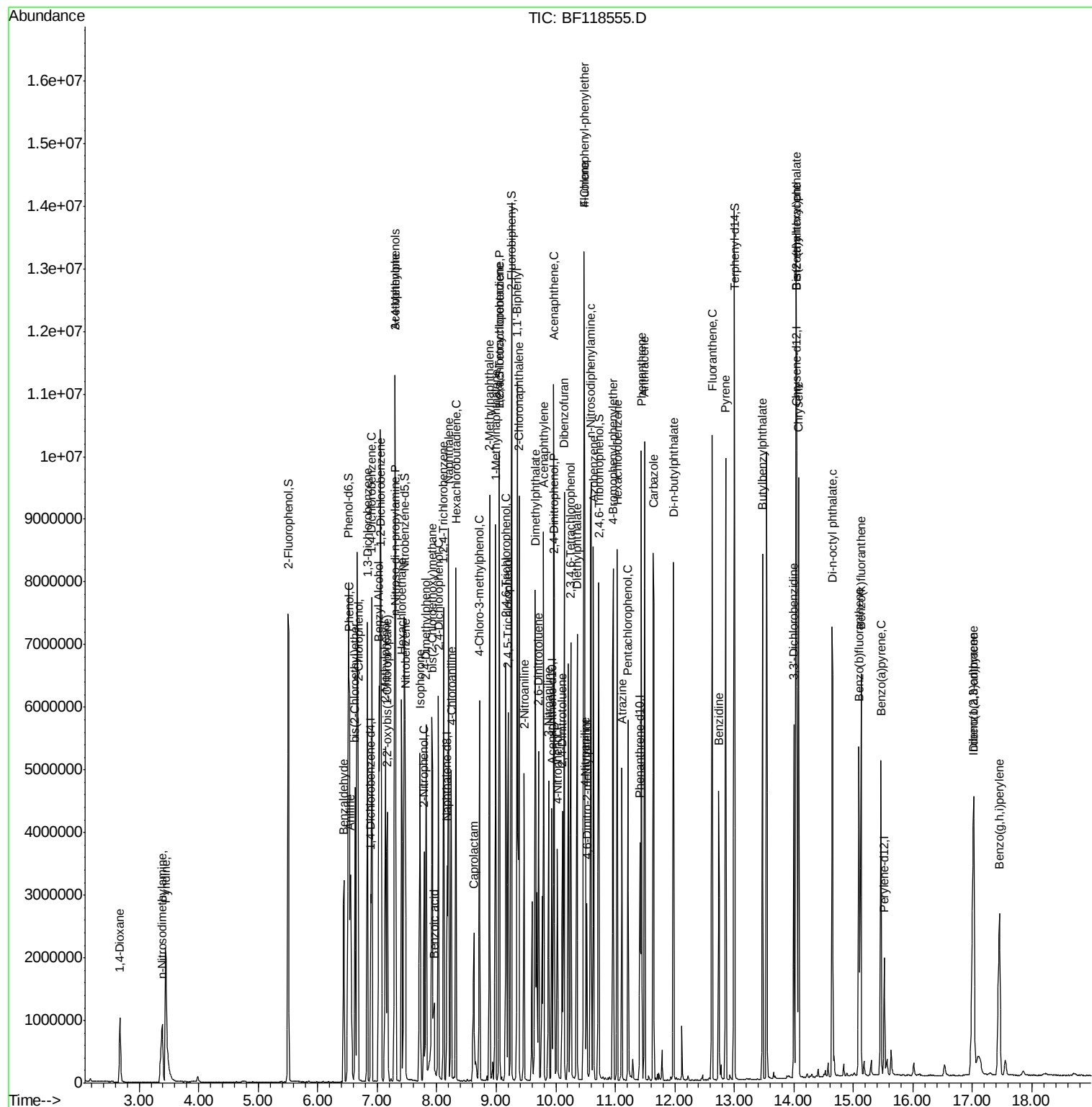
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	819089	198.644	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	1009662	57.147	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	992992	56.279	ng	97
46) 1,1'-Biphenyl	9.36	154	3264910	46.311	ng	97
47) 2-Chloronaphthalene	9.38	162	2794947	49.378	ng	96
48) 2-Nitroaniline	9.47	65	804721	52.936	ng	99
49) Acenaphthylene	9.80	152	3887290	47.131	ng	99
50) Dimethylphthalate	9.66	163	3147720	47.932	ng	99
51) 2,6-Dinitrotoluene	9.71	165	683573	47.341	ng	91
52) Acenaphthene	9.97	154	2593995	51.118	ng	98
53) 3-Nitroaniline	9.88	138	743021	44.488	ng	98
54) 2,4-Dinitrophenol	9.98	184	224674	41.661	ng	# 5
55) Dibenzofuran	10.14	168	3614170	49.084	ng	95
56) 4-Nitrophenol	10.03	139	539295	70.447	ng	97
57) 2,4-Dinitrotoluene	10.12	165	821623	44.516	ng	93
58) Fluorene	10.48	166	2779518	46.470	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	873375	60.530	ng	99
60) Diethylphthalate	10.36	149	3082461	47.107	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	1537796	51.103	ng	97
62) 4-Nitroaniline	10.50	138	729037	44.204	ng	99
63) Azobenzene	10.63	77	2979748	54.978	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	323903	39.421	ng	81
66) n-Nitrosodiphenylamine	10.59	169	2607987	51.012	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	1106868	58.967	ng	97
68) Hexachlorobenzene	11.03	284	1221563	54.886	ng	96
69) Atrazine	11.12	200	670473	54.687	ng	98
70) Pentachlorophenol	11.22	266	641645	104.463	ng	99
71) Phenanthrene	11.44	178	3968143	47.339	ng	99
72) Anthracene	11.49	178	4032900	48.272	ng	99
73) Carbazole	11.64	167	3591870	48.124	ng	99
74) Di-n-butylphthalate	11.98	149	4244945	43.973	ng	100
75) Fluoranthene	12.63	202	4087828	48.818	ng	97
77) Benzidine	12.74	184	1609765	70.250	ng	98
78) Pyrene	12.86	202	4110796	47.387	ng	98
80) Butylbenzylphthalate	13.47	149	1807546	46.548	ng	98
81) Benzo(a)anthracene	14.04	228	3391132	47.653	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	1212165	50.168	ng	98
83) Chrysene	14.08	228	3241119	47.519	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2202811	42.459	ng	100
85) Di-n-octyl phthalate	14.64	149	3358177	43.261	ng	100
86) Indeno(1,2,3-cd)pyrene	17.01	276	3056311	47.685	ng	100
88) Benzo(b)fluoranthene	15.09	252	3085484	55.154	ng	100
89) Benzo(k)fluoranthene	15.13	252	2722965	53.734	ng	99
90) Benzo(a)pyrene	15.46	252	2625946	52.675	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	2513086	55.518	ng	99
92) Benzo(g,h,i)perylene	17.46	276	2412422	54.782	ng	99

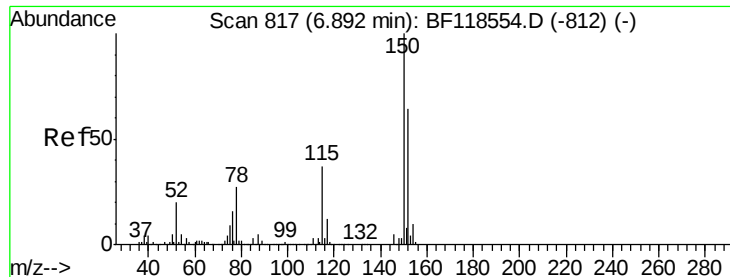
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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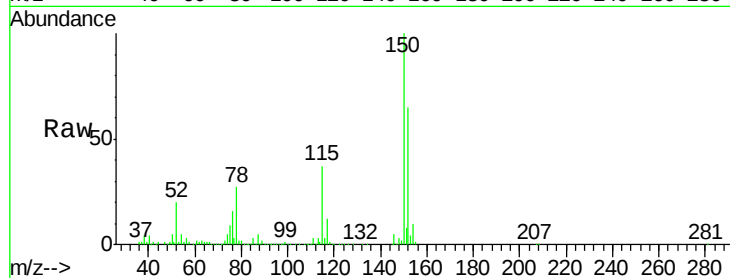


#1

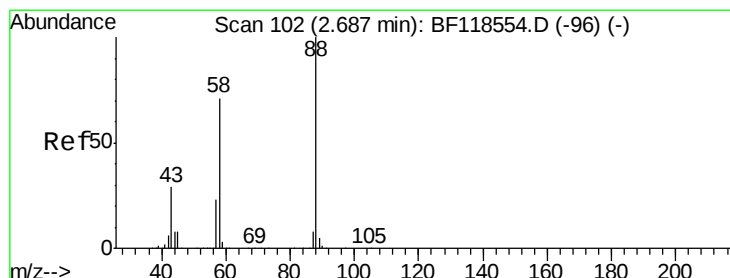
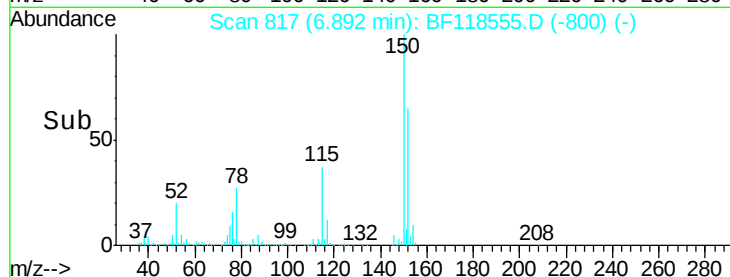
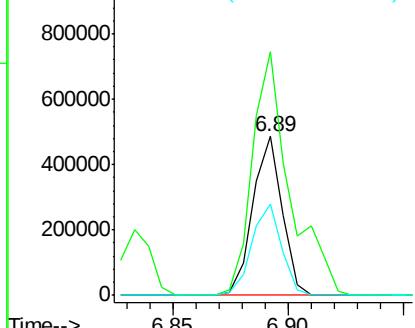
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 432815
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 57.2 45.8 68.6



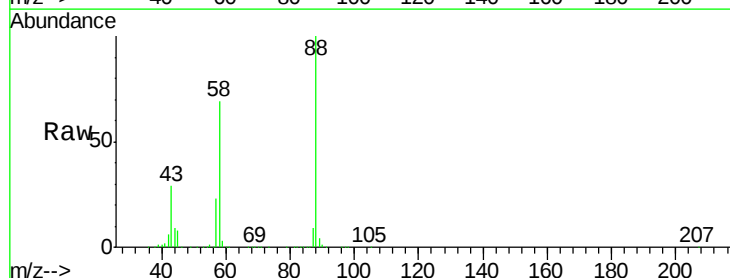
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



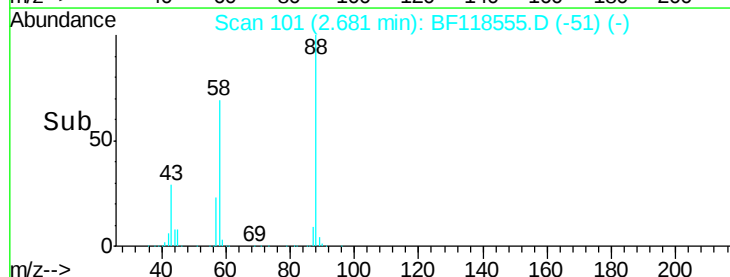
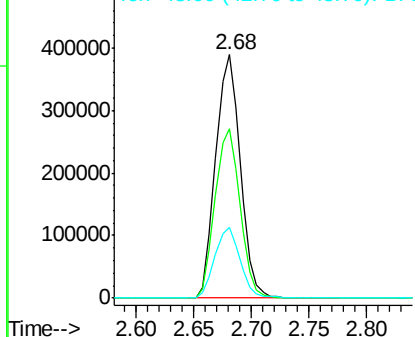
#2

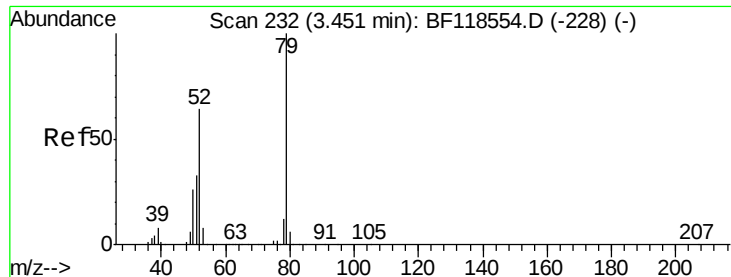
1,4-Dioxane
Concen: 56.273 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion: 88 Resp: 578756
Ion Ratio Lower Upper
88 100
58 70.2 56.7 85.1
43 29.1 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

Pvridine

Concen: 58.464 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

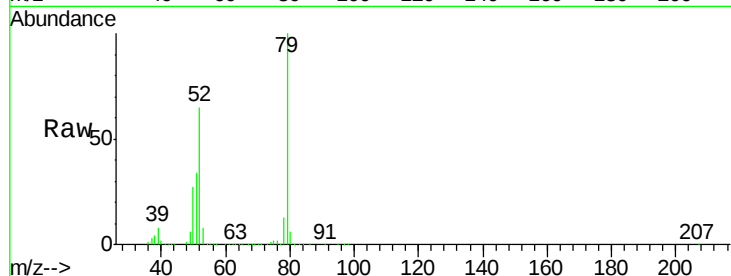
Tot Ion: 79 Resp: 1586863

Ion Ratio Lower Upper

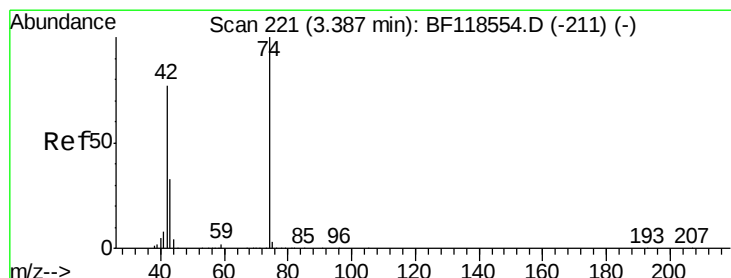
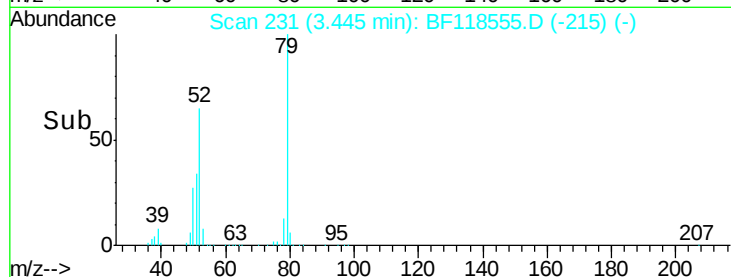
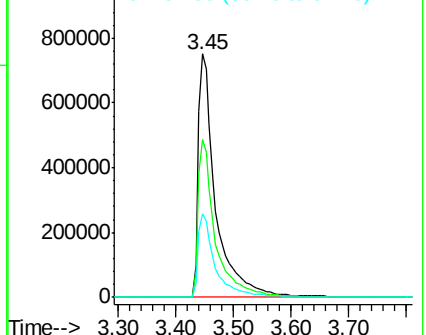
79 100

52 65.0 51.3 76.9

51 34.3 26.7 40.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 78.549 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

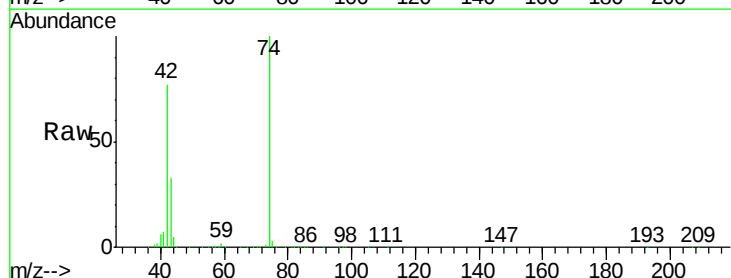
Tgt Ion: 42 Resp: 739832

Ion Ratio Lower Upper

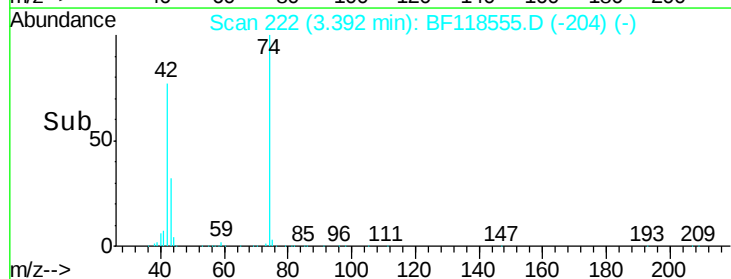
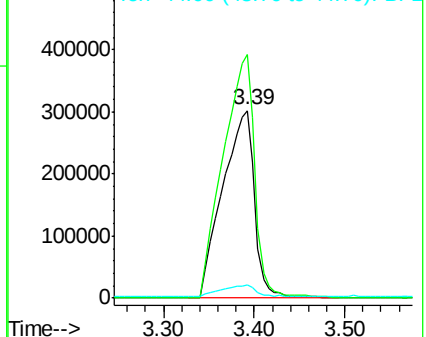
42 100

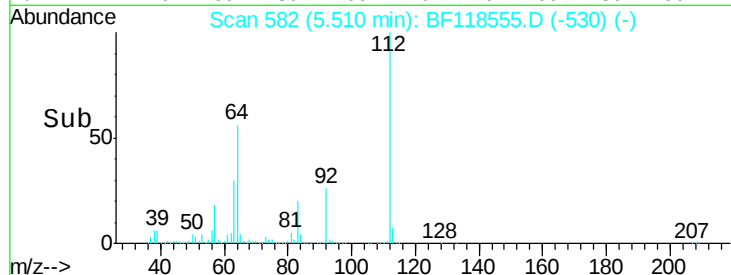
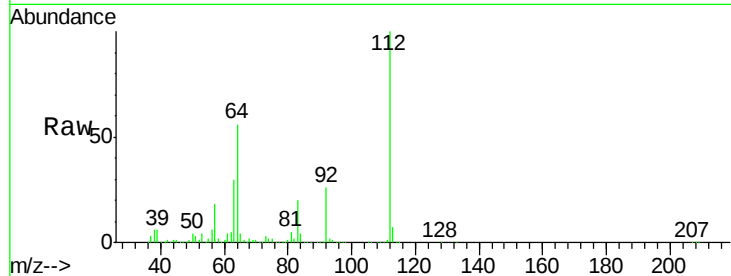
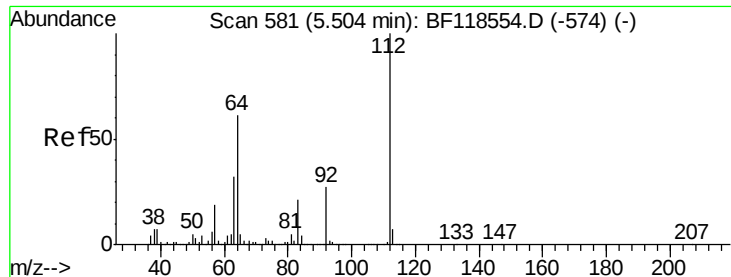
74 129.6 103.1 154.7

44 6.8 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 96.028 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 2427917

Ion Ratio Lower Upper

112 100

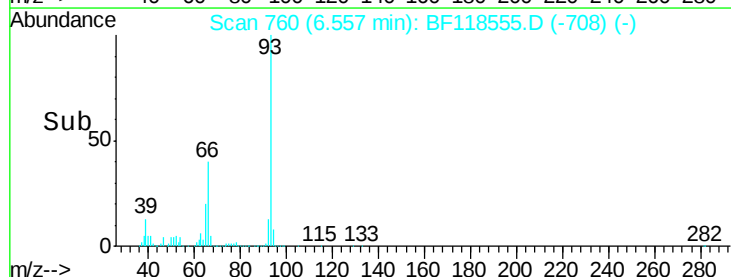
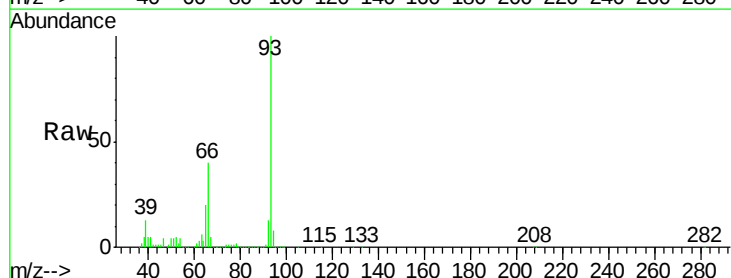
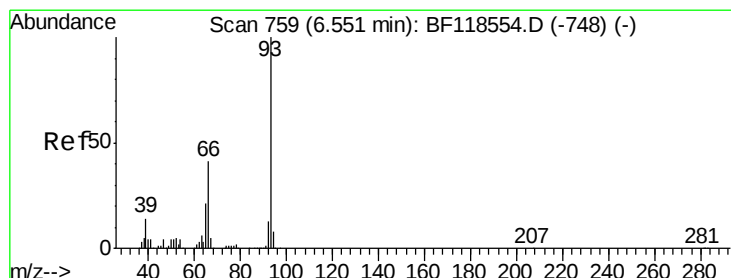
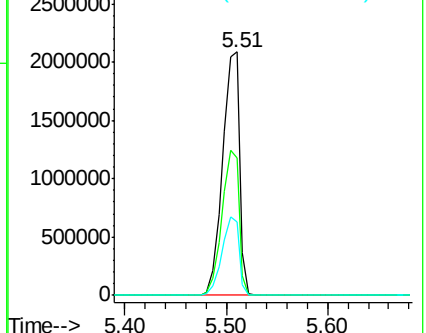
64 56.2 49.1 73.7

63 30.2 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: 57.207 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion: 93 Resp: 2195599

Ion Ratio Lower Upper

93 100

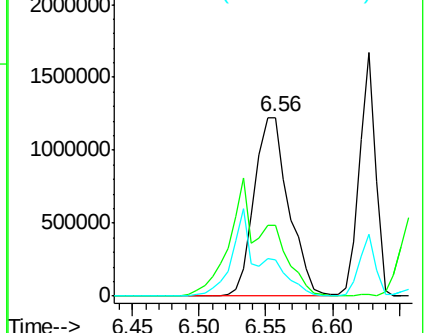
66 39.9 32.9 49.3

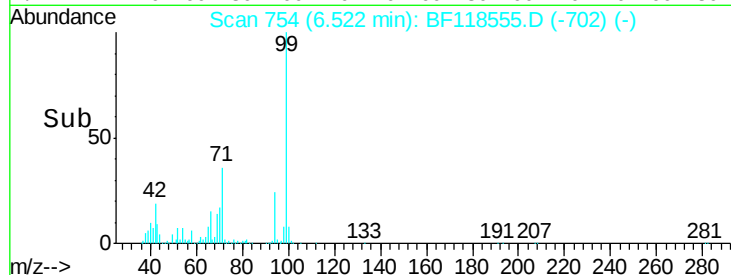
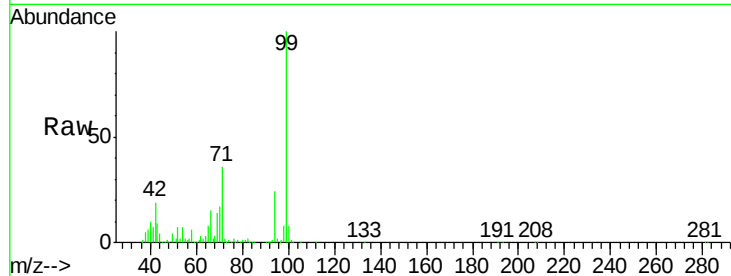
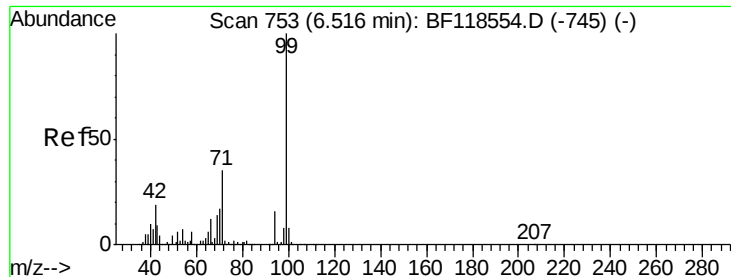
65 20.2 16.5 24.7

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: 104.058 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118555.D

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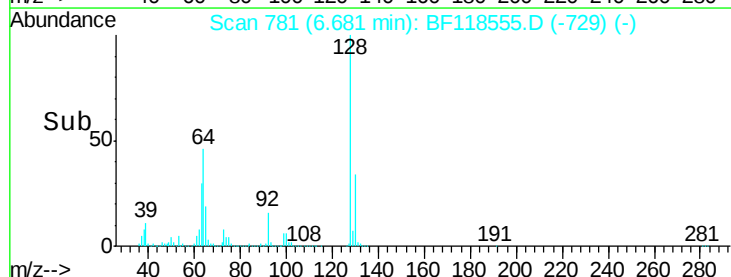
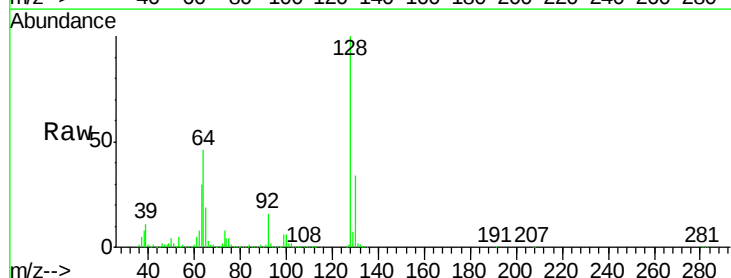
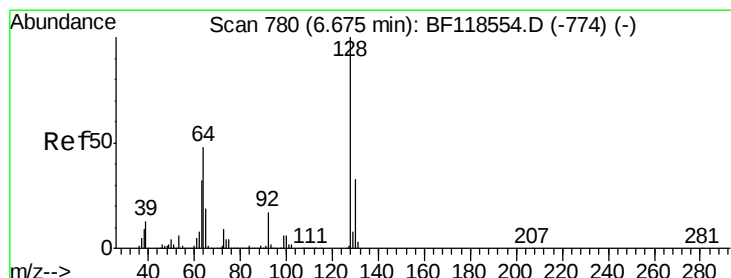
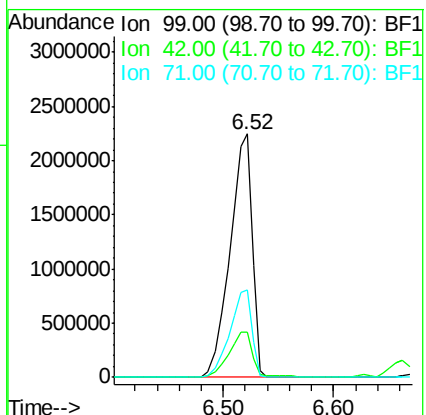
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3165347

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	36.1	28.3	42.5



#8

2-Chlorophenol

Concen: 49.613 ng

RT: 6.68 min Scan# 781

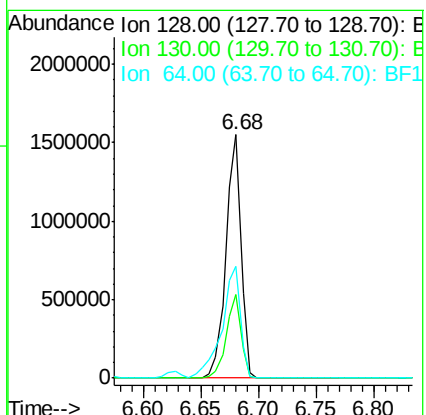
Delta R.T. 0.01 min

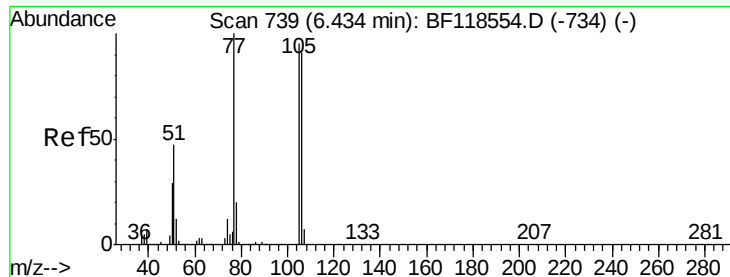
Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion: 128 Resp: 1406074

Ion	Ratio	Lower	Upper
128	100		
130	34.4	13.2	53.2
64	46.0	28.9	68.9





#9

Benzaldehyde

Concen: 52.897 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

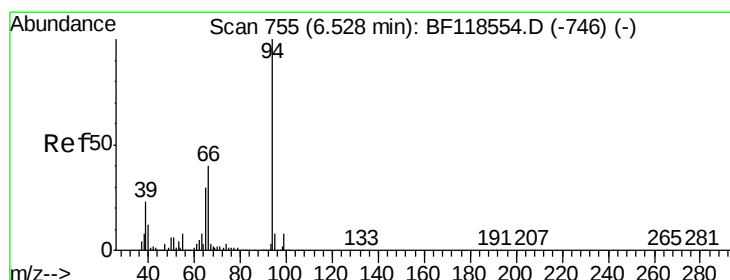
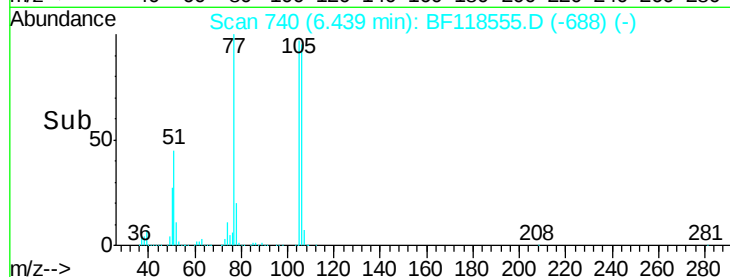
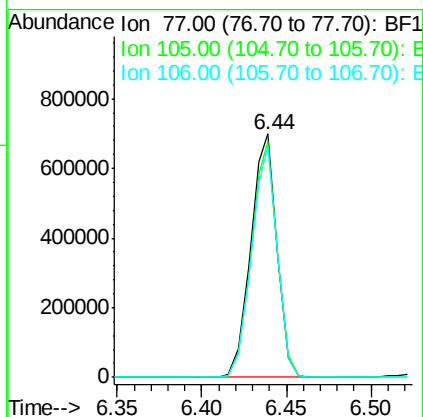
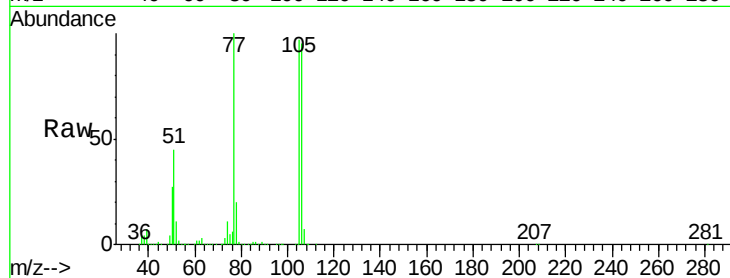
Tot Ion: 77 Resp: 749372

Ion Ratio Lower Upper

77 100

105 97.0 75.2 115.2

106 94.8 71.4 111.4



#10

Phenol

Concen: 53.070 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

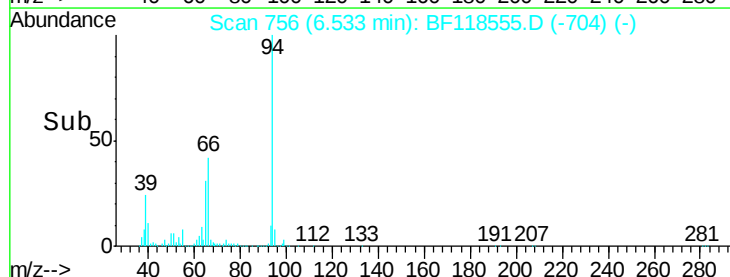
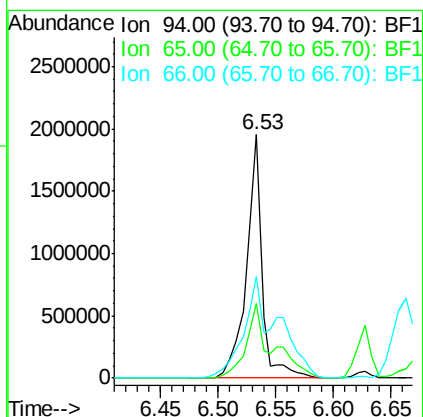
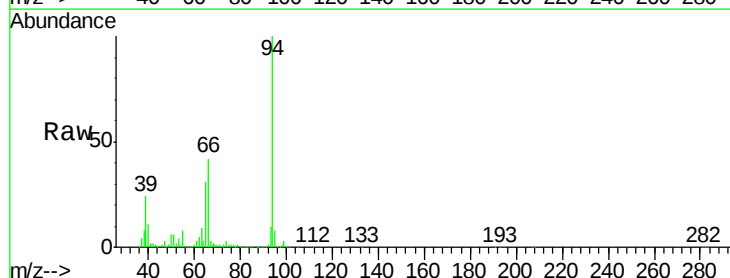
Tgt Ion: 94 Resp: 1815169

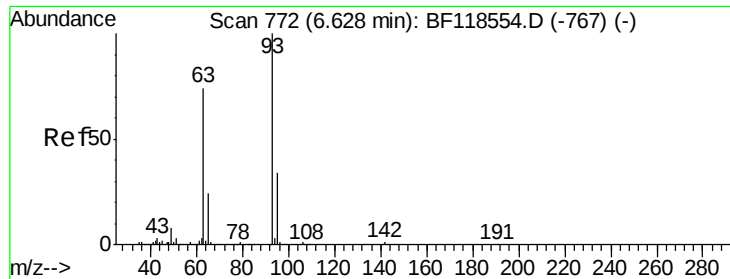
Ion Ratio Lower Upper

94 100

65 30.9 9.8 49.8

66 41.7 19.5 59.5

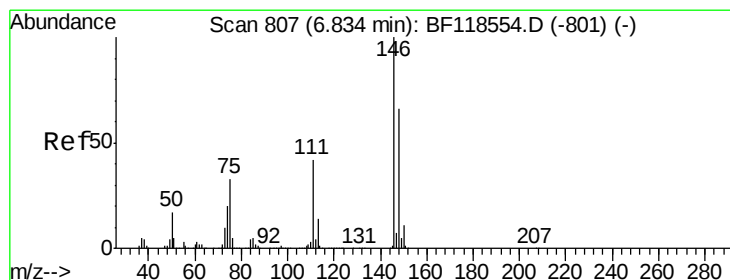
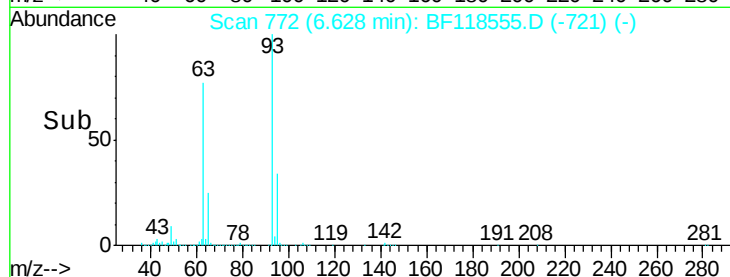
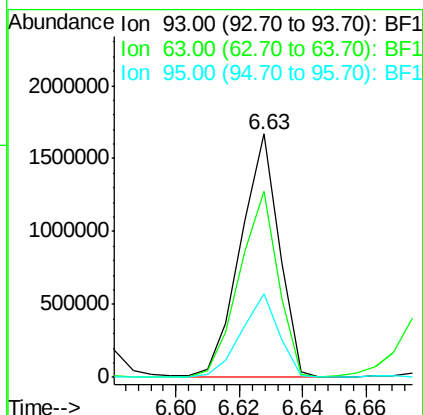
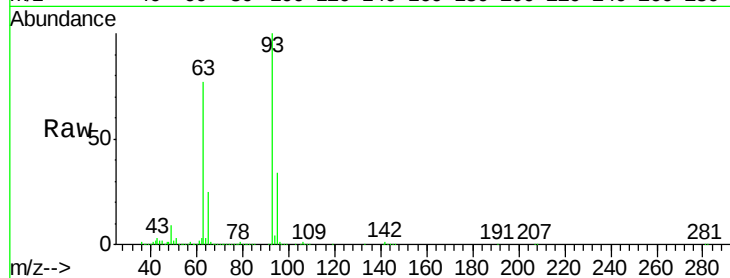




#11
bis(2-Chloroethyl)ether
Concen: 54.583 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

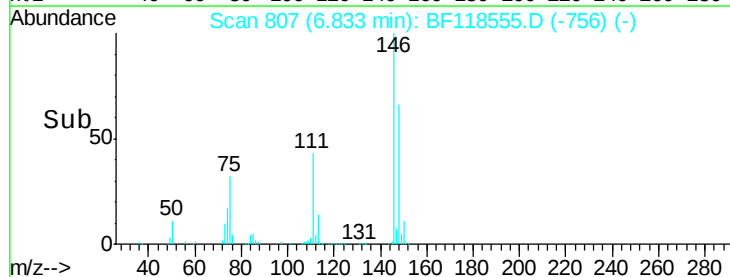
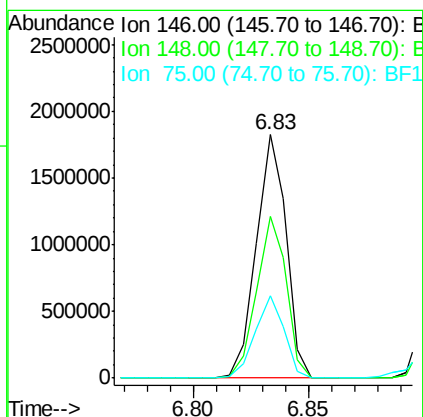
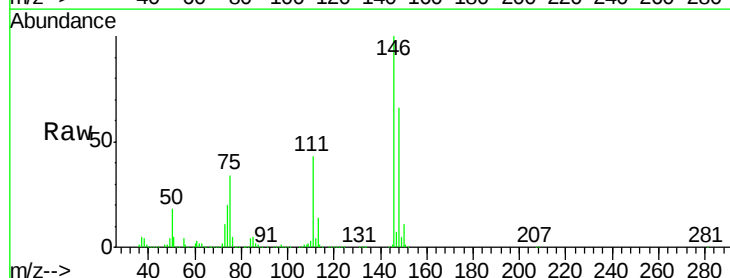
Instrument :
BNA_F
ClientSampleId :

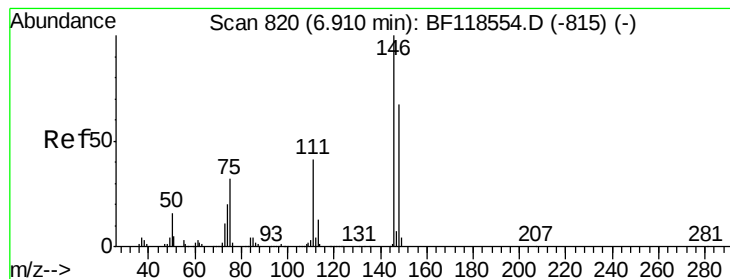
Tot Ion: 93 Resp: 1403608
Ion Ratio Lower Upper
93 100
63 76.5 54.0 94.0
95 34.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 50.296 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion: 146 Resp: 1652110
Ion Ratio Lower Upper
146 100
148 66.2 53.0 79.6
75 33.7 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 50.247 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampled :

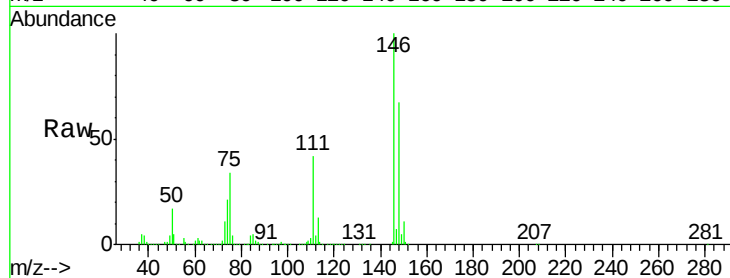
Tot Ion:146 Resp: 1653820

Ion Ratio Lower Upper

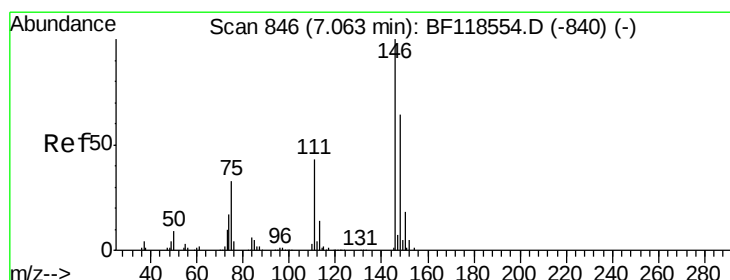
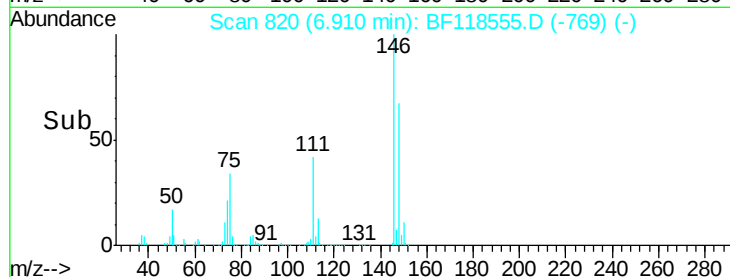
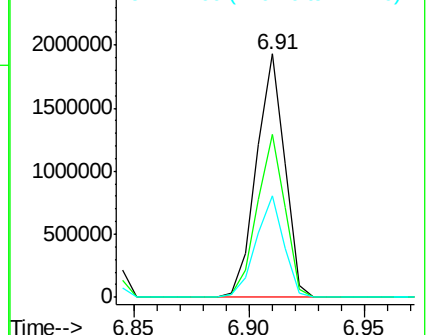
146 100

148 66.8 53.4 80.2

111 41.6 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.135 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

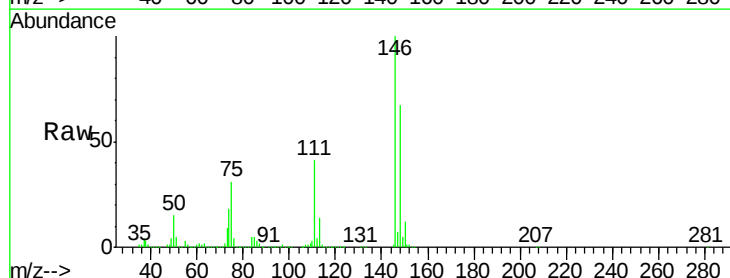
Tgt Ion:146 Resp: 1559268

Ion Ratio Lower Upper

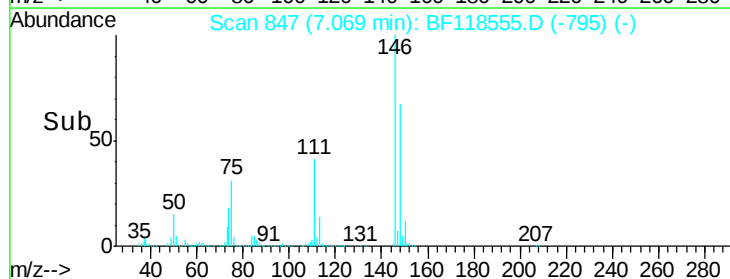
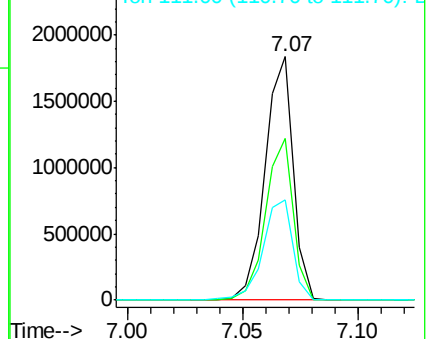
146 100

148 66.5 51.2 76.8

111 41.4 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 61.362 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

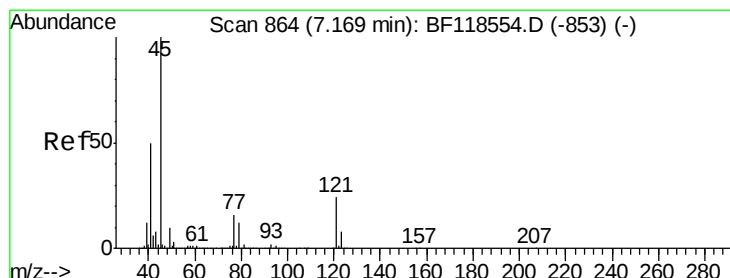
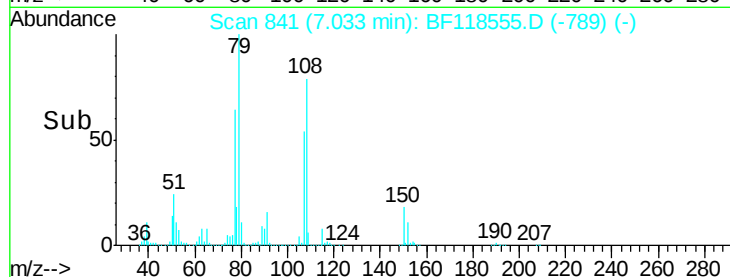
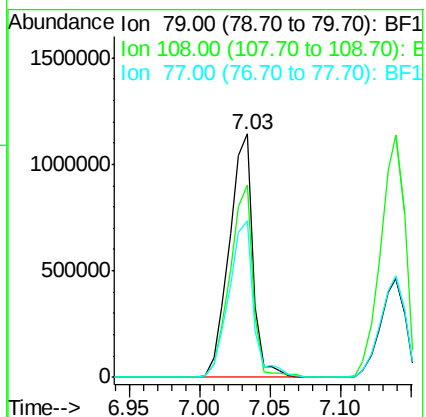
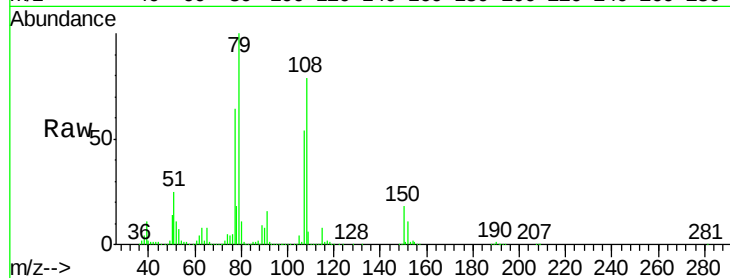
Tot Ion: 79 Resp: 1330364

Ion Ratio Lower Upper

79 100

108 79.2 61.9 92.9

77 64.3 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.621 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

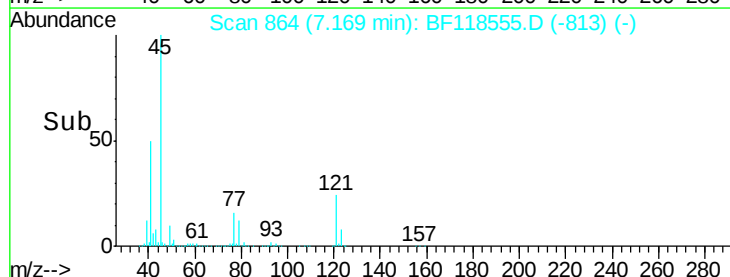
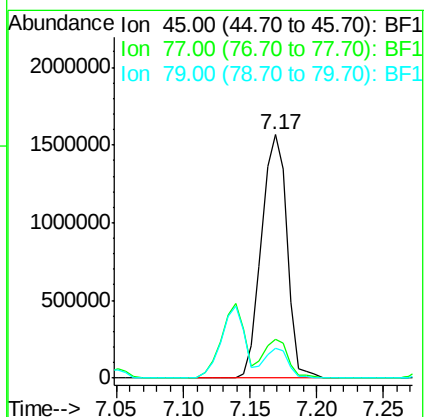
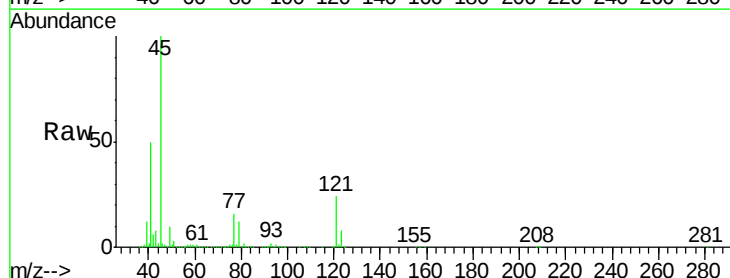
Tgt Ion: 45 Resp: 2066836

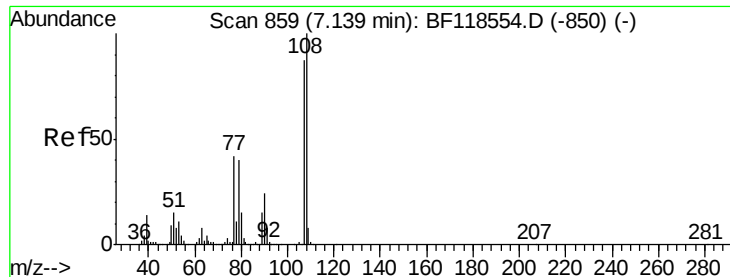
Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.8

79 12.2 0.0 32.2





#17

2-Methylphenol

Concen: 53.576 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1184784

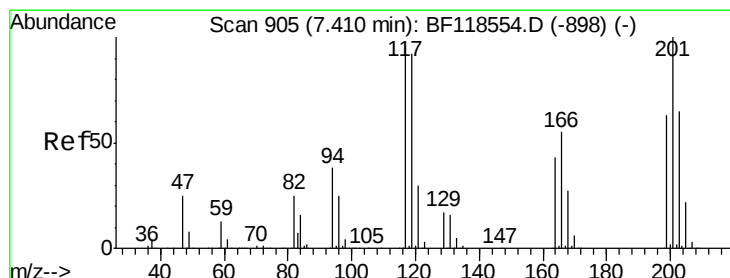
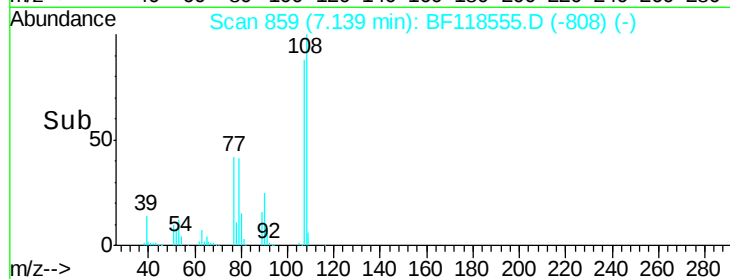
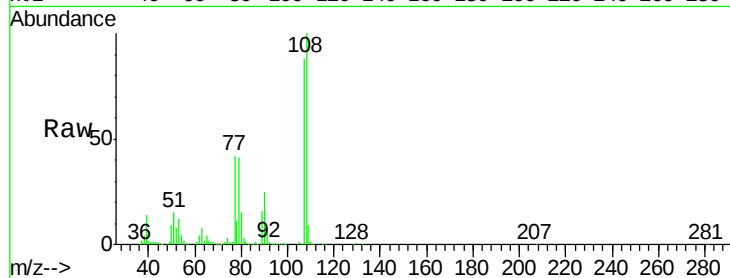
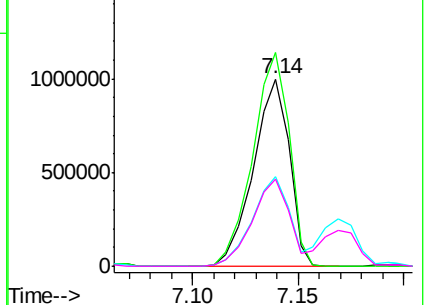
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.3	138.5
77	47.7	38.6	57.8
79	46.7	37.0	55.6

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: 52.659 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

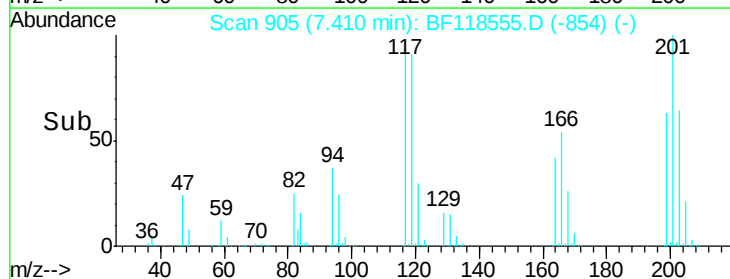
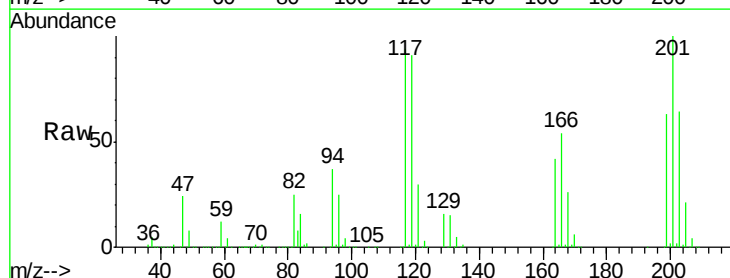
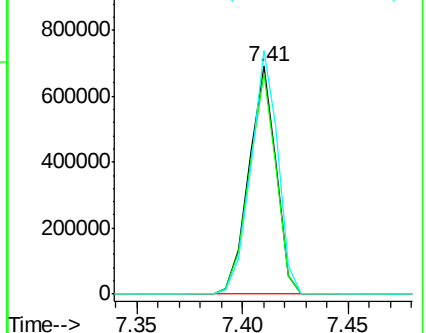
Tgt Ion:117 Resp: 615018

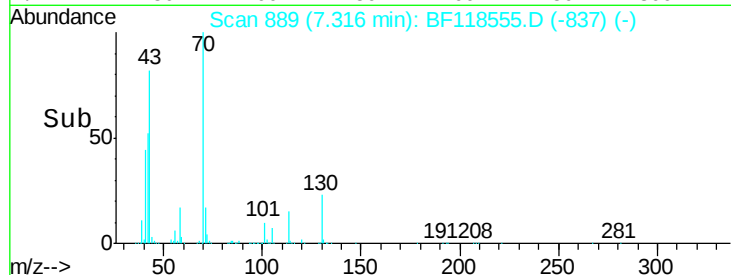
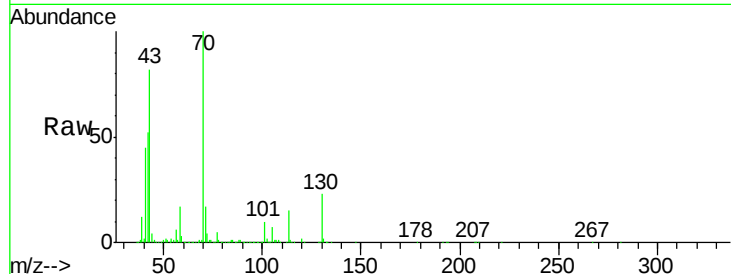
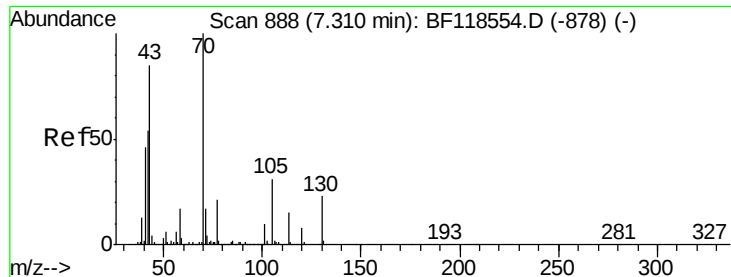
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
201	106.8	83.6	125.4

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

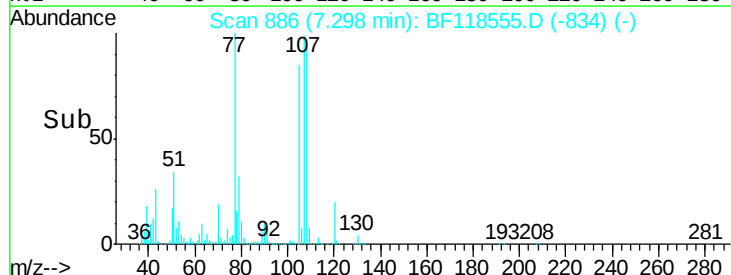
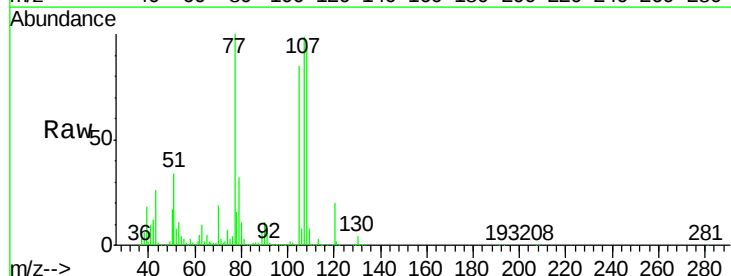
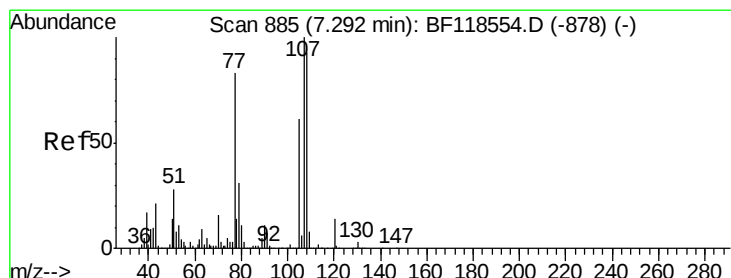
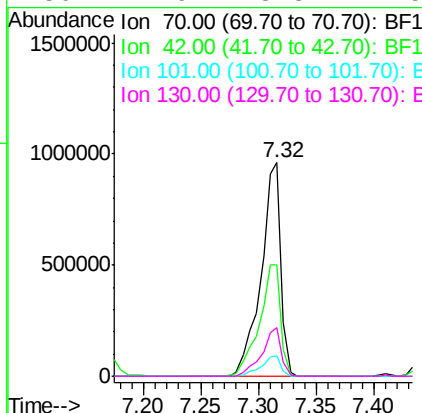




#19
n-Nitroso-di-n-propylamine
Concen: 65.915 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

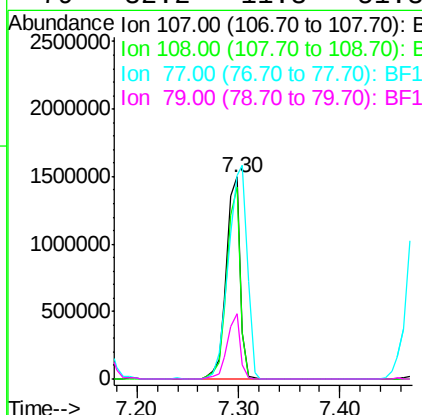
Instrument :
BNA_F
ClientSampled :

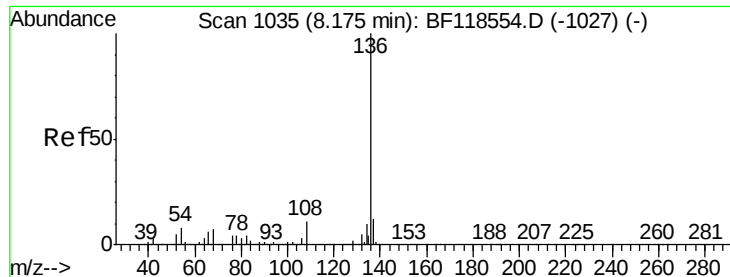
Tot Ion: 70 Resp: 1159897
Ion Ratio Lower Upper
70 100
42 52.4 43.6 65.4
101 9.6 7.7 11.5
130 22.9 18.3 27.5



#20
3+4-Methylphenols
Concen: 49.384 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion: 107 Resp: 1421767
Ion Ratio Lower Upper
107 100
108 95.3 72.6 112.6
77 101.2 63.0 103.0
79 32.2 11.3 51.3

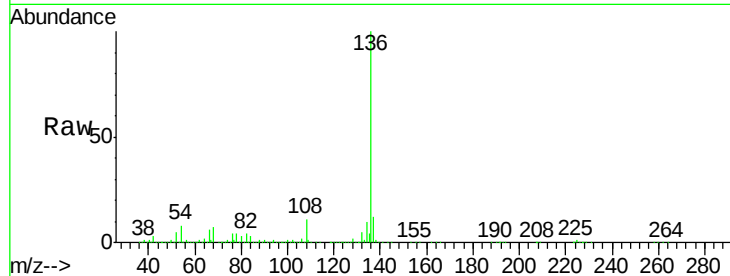




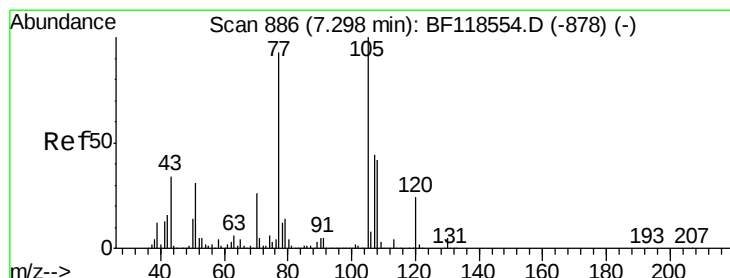
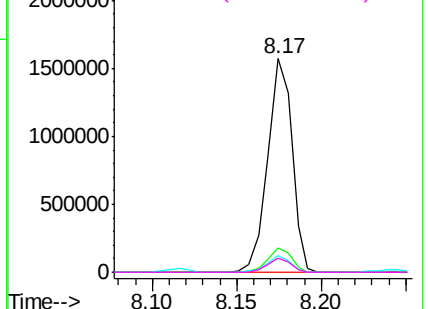
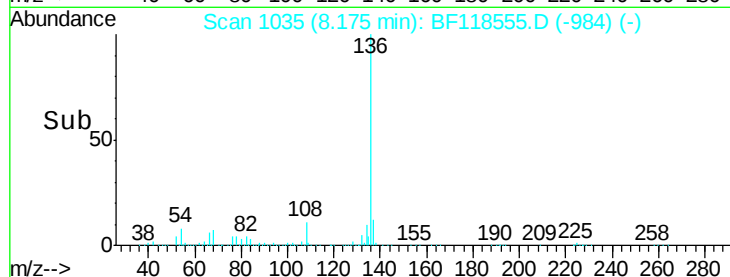
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1569865
Ion Ratio	Lower Upper
136 100	
137 11.6	9.4 14.0
54 7.7	6.2 9.2
68 6.6	5.4 8.0

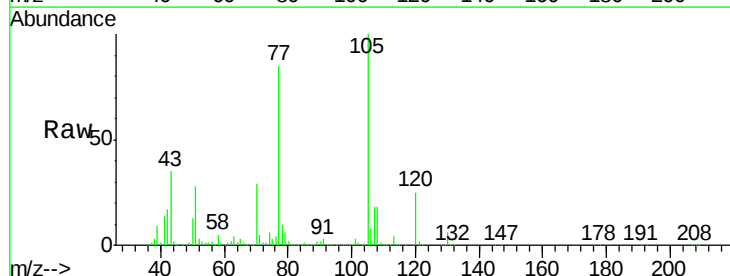


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

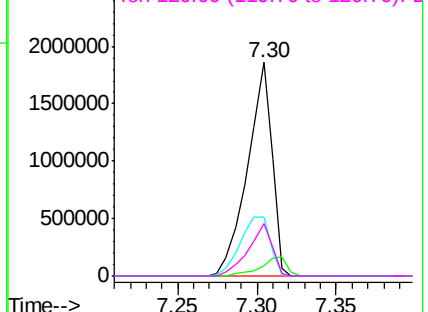
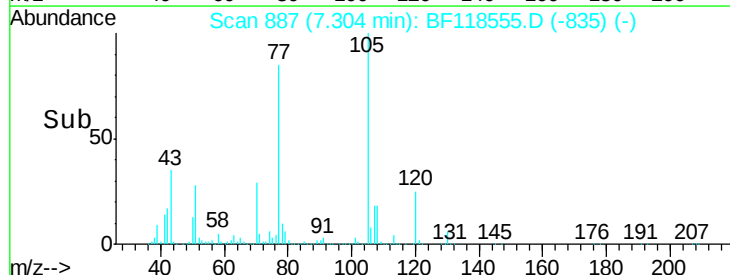


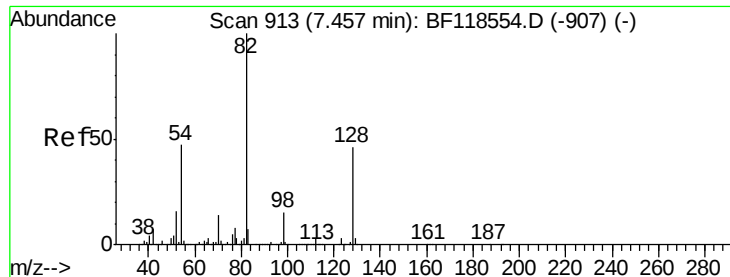
#22
Acetophenone
Concen: 54.706 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt	Ion:105	Resp:	1992365
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.8	5.6
51	27.8	24.9	37.3
120	24.6	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

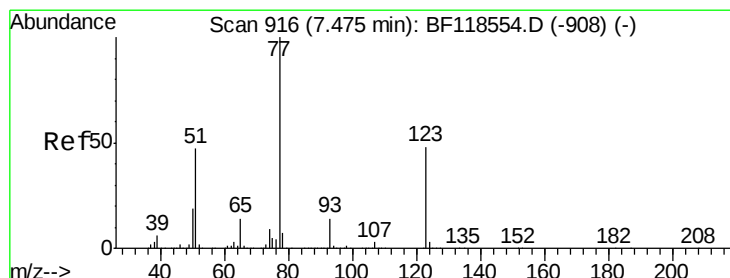
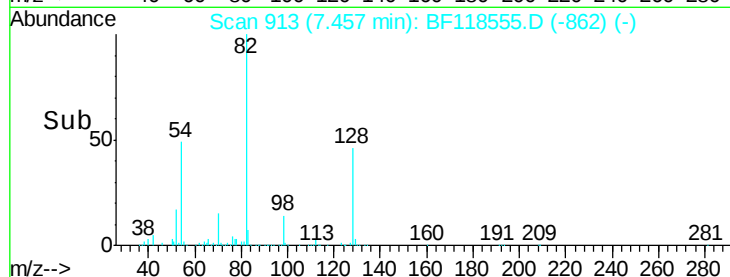
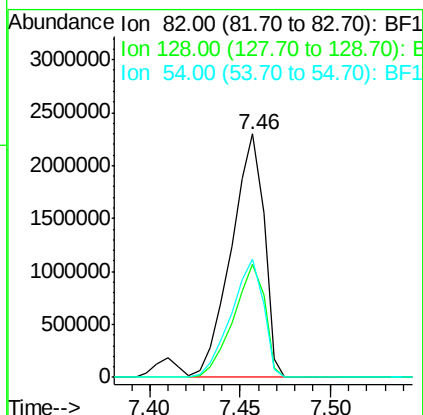
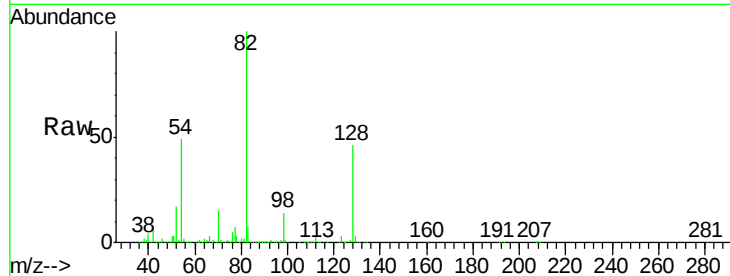




#23
Nitrobenzene-d5
Concen: 112.769 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

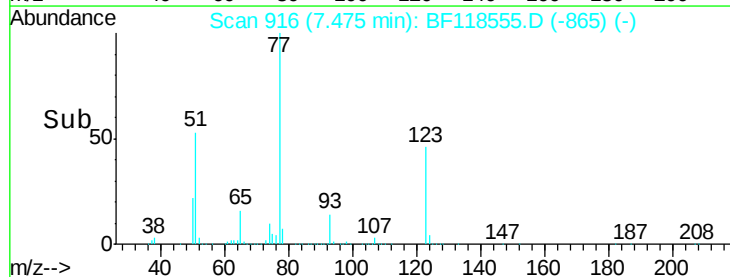
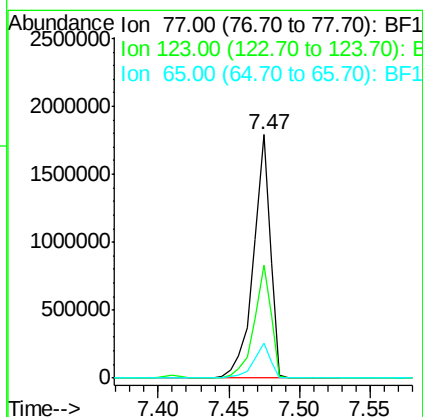
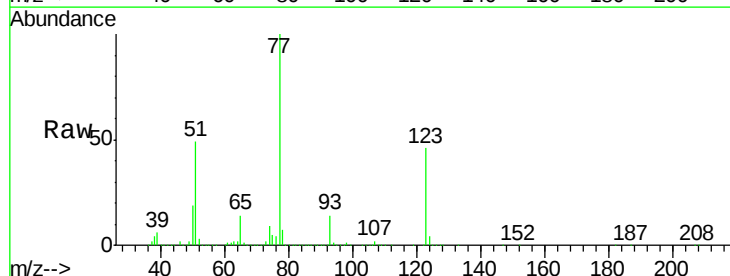
Instrument :
BNA_F
ClientSampleId :

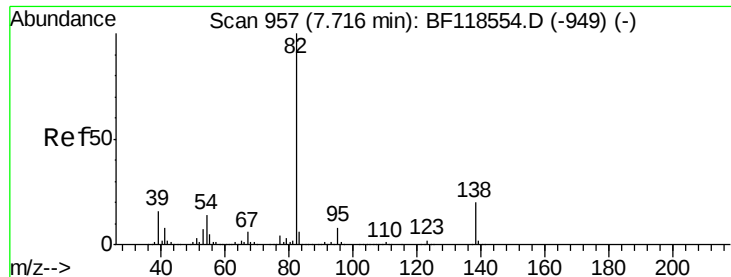
Tot Ion: 82 Resp: 2890924
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.4
54 48.8 37.4 56.0



#24
Nitrobenzene
Concen: 59.355 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion: 77 Resp: 1512442
Ion Ratio Lower Upper
77 100
123 46.4 38.2 57.2
65 14.3 11.1 16.7





#25

Isophorone

Concen: 62.031 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

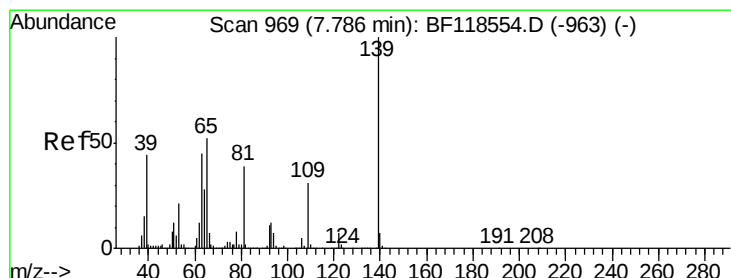
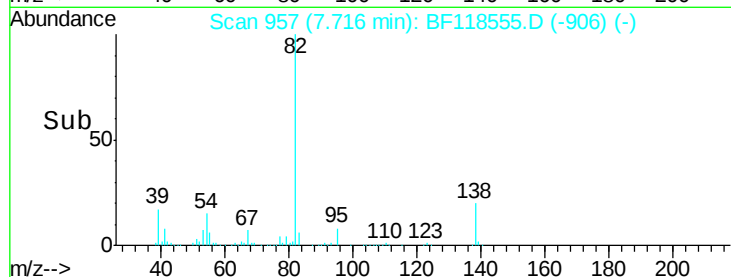
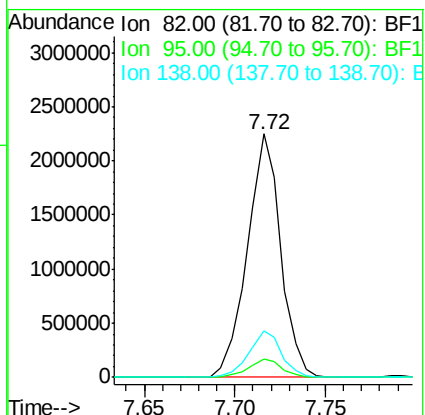
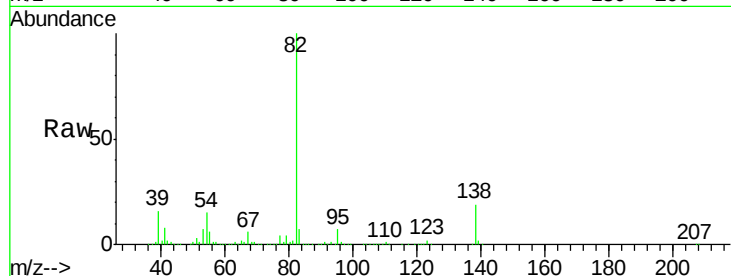
Tot Ion: 82 Resp: 2865563

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 19.1 15.8 23.8



#26

2-Nitrophenol

Concen: 42.052 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

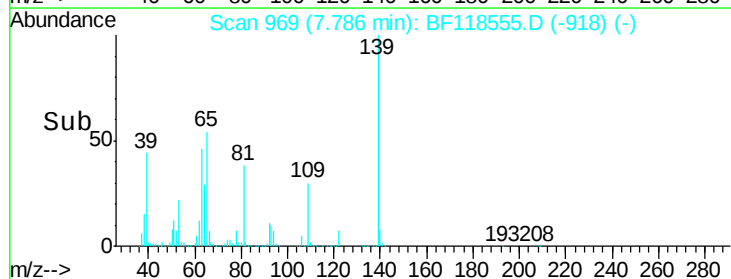
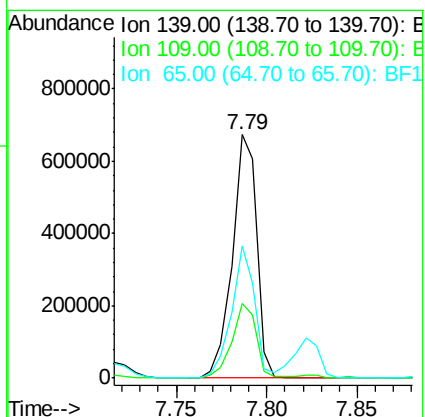
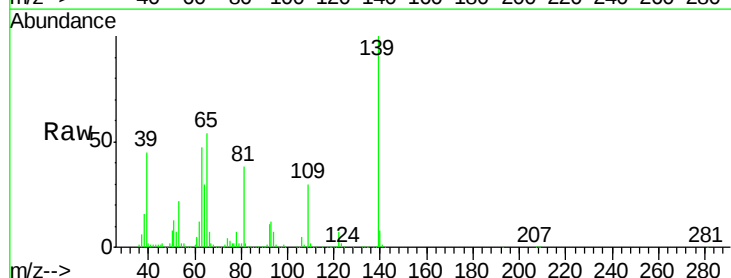
Tgt Ion: 139 Resp: 628725

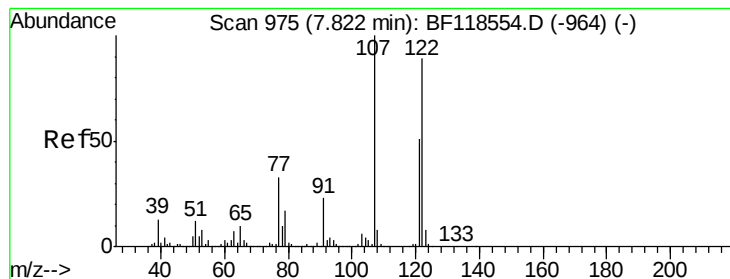
Ion Ratio Lower Upper

139 100

109 30.4 24.6 36.8

65 54.4 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 58.331 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

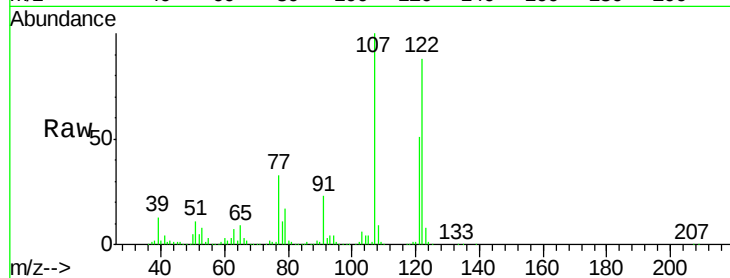
Tot Ion:122 Resp: 1164149

Ion Ratio Lower Upper

122 100

107 113.5 89.6 134.4

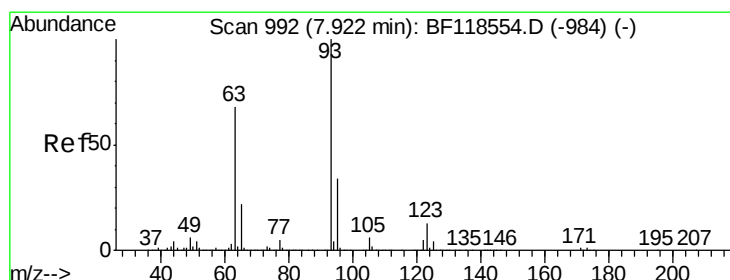
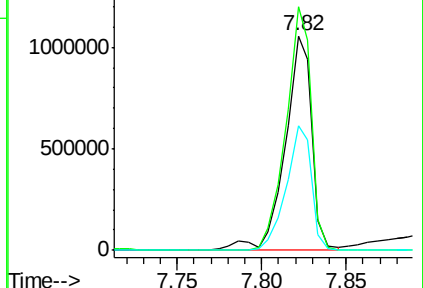
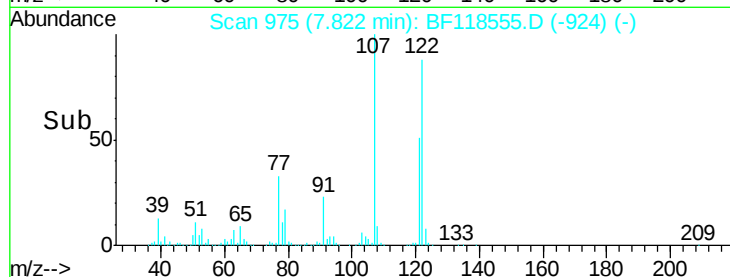
121 58.2 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 58.652 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

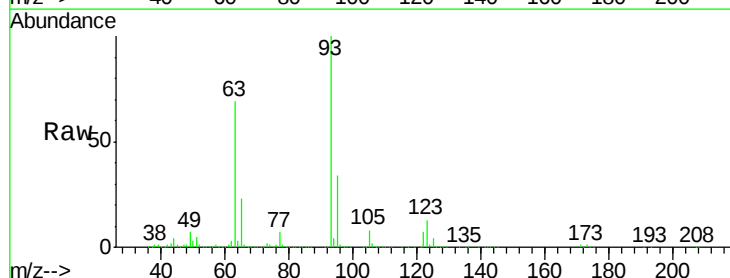
Tgt Ion: 93 Resp: 1867788

Ion Ratio Lower Upper

93 100

95 34.3 27.3 40.9

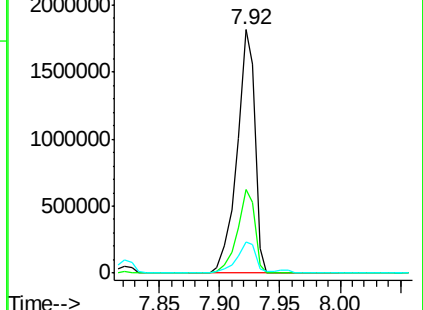
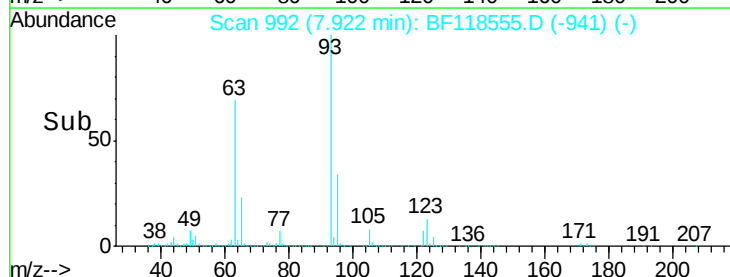
123 13.0 10.2 15.4

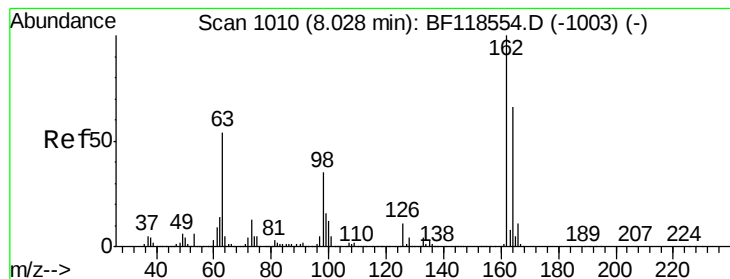


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 55.725 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

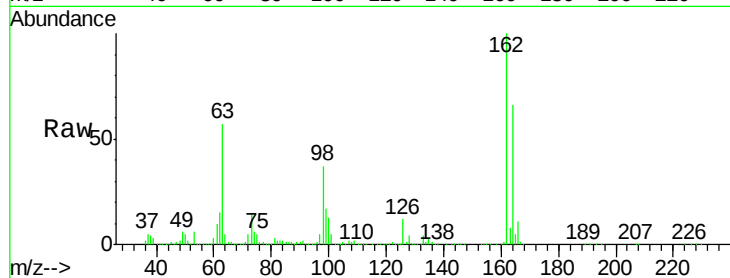
Tot Ion:162 Resp: 1293726

Ion Ratio Lower Upper

162 100

164 65.6 45.6 85.6

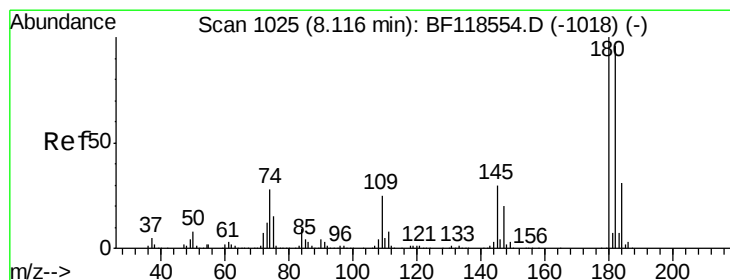
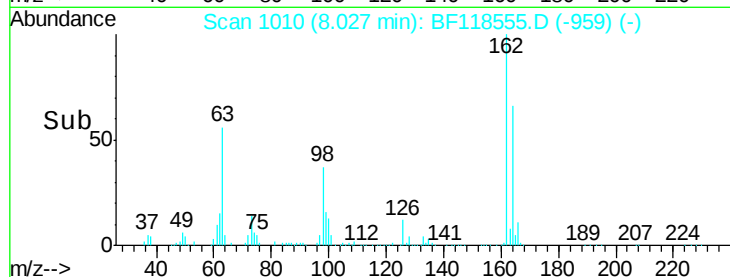
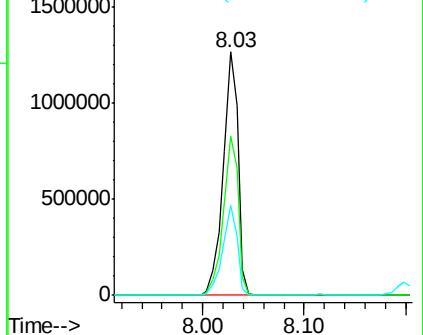
98 37.0 15.4 55.4



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: 56.530 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

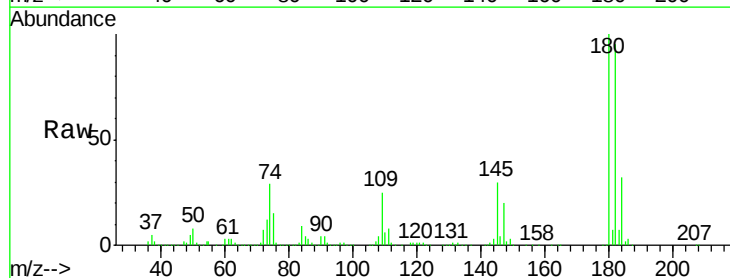
Tgt Ion:180 Resp: 1493814

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

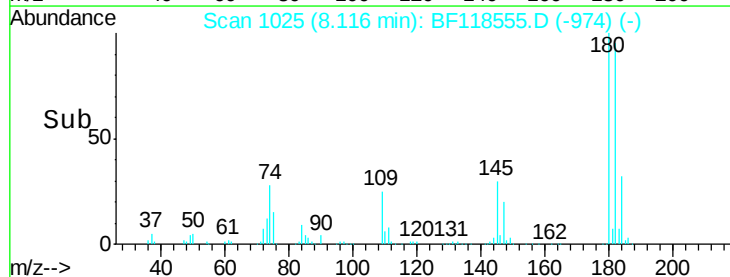
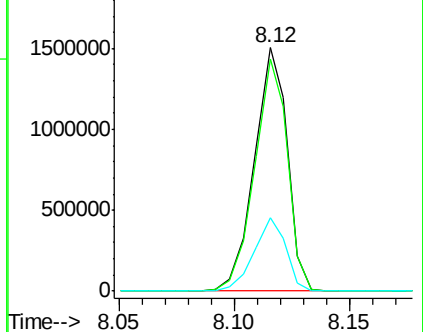
145 30.2 24.2 36.2

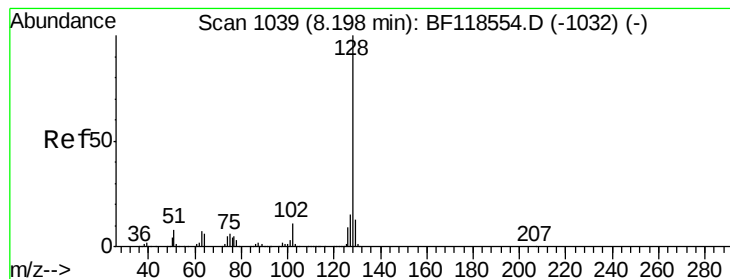


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.921 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

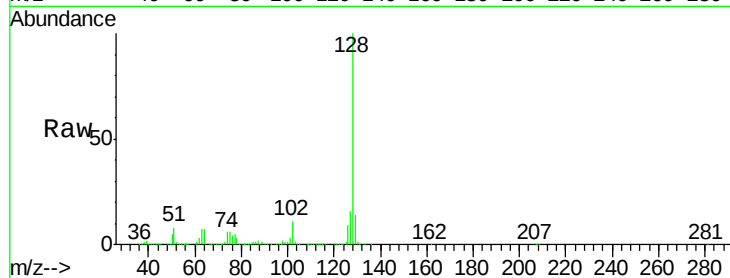
Tot Ion:128 Resp: 3852791

Ion Ratio Lower Upper

128 100

129 13.5 10.3 15.5

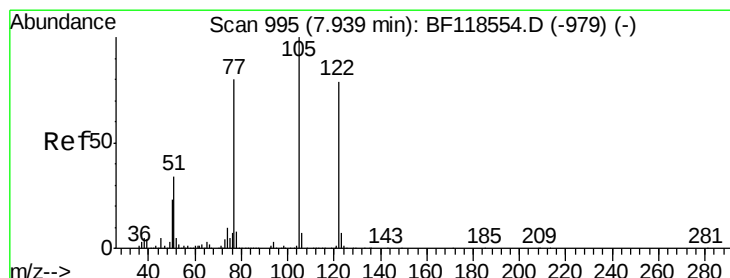
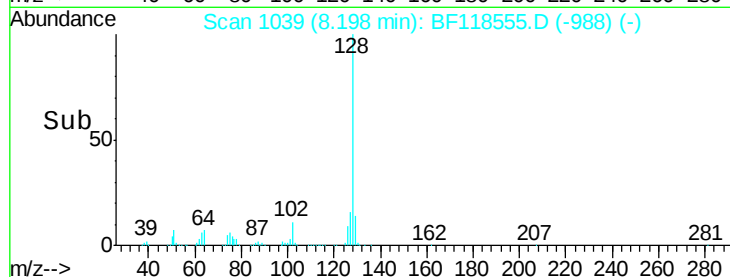
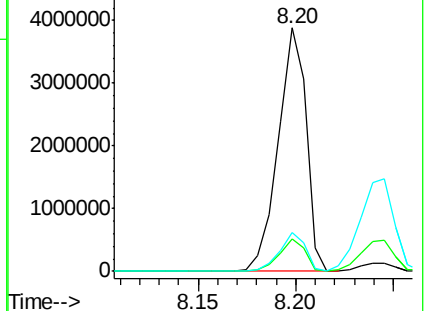
127 15.8 12.1 18.1



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: 54.942 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

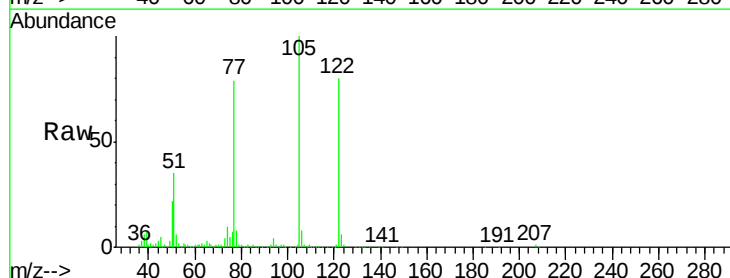
Tgt Ion:122 Resp: 791771

Ion Ratio Lower Upper

122 100

105 124.8 105.0 145.0

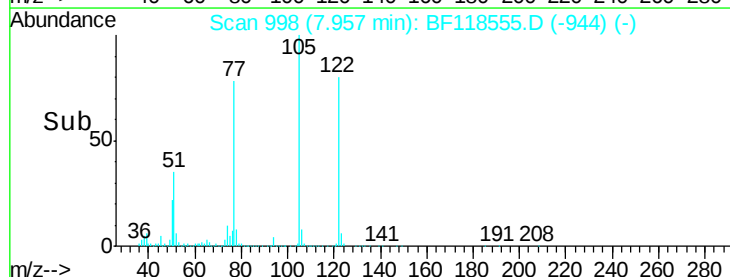
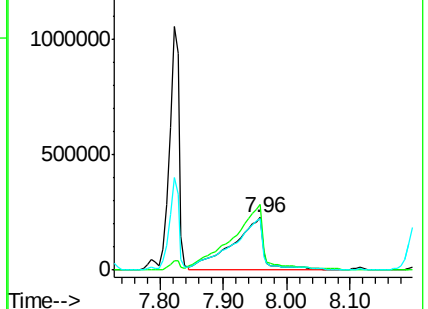
77 98.0 80.7 120.7

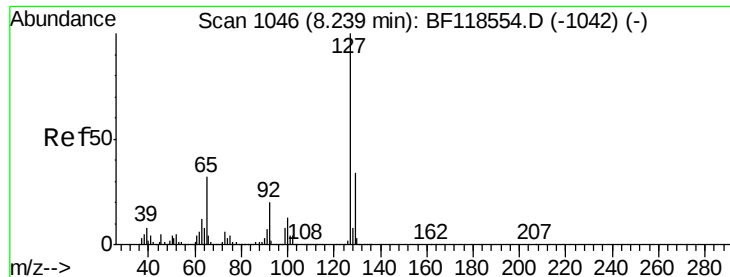


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

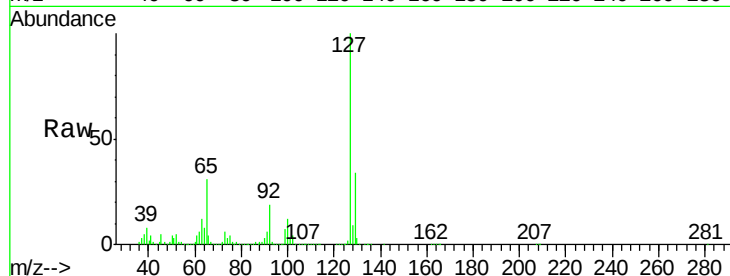




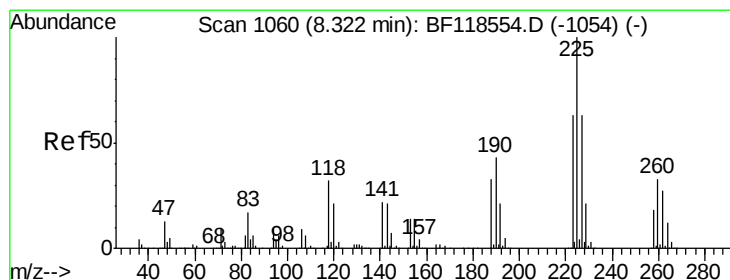
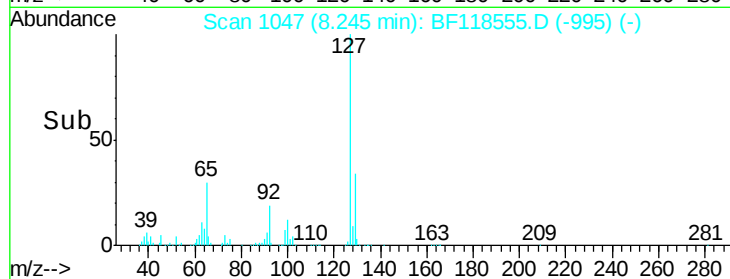
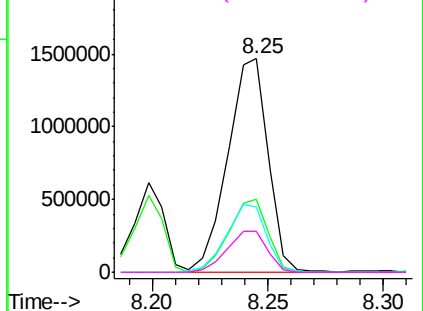
#33
 4-Chloroaniline
 Concen: 52.809 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	1769674
Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.0	40.4
65	30.6	25.8	38.8
92	19.3	15.8	23.8

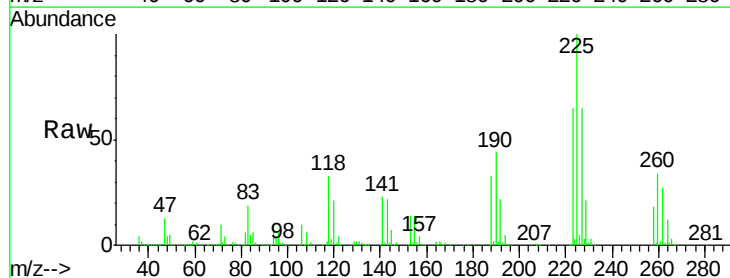


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

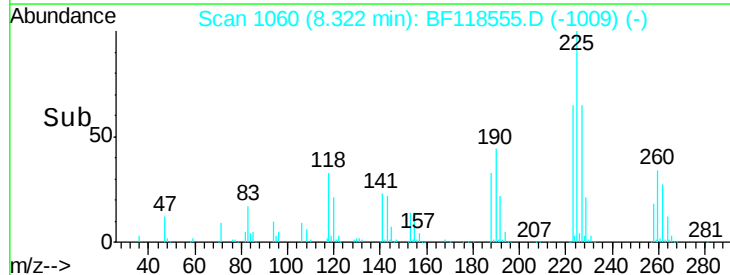
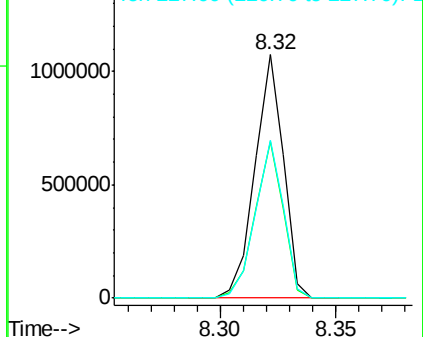


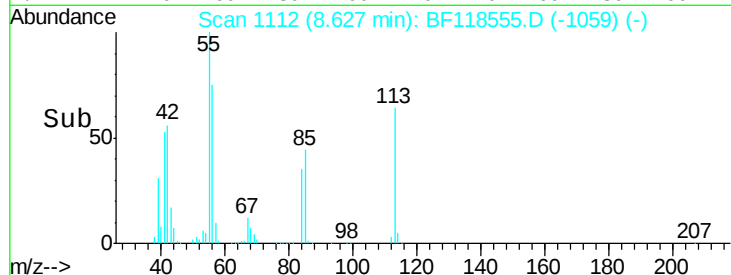
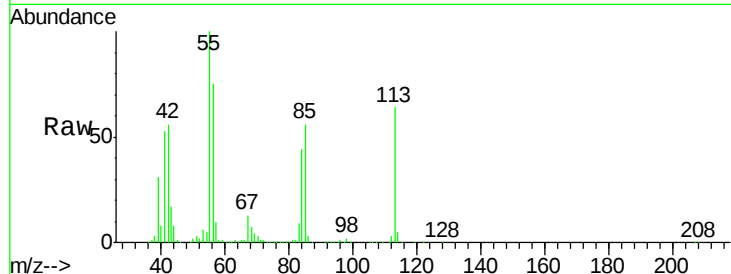
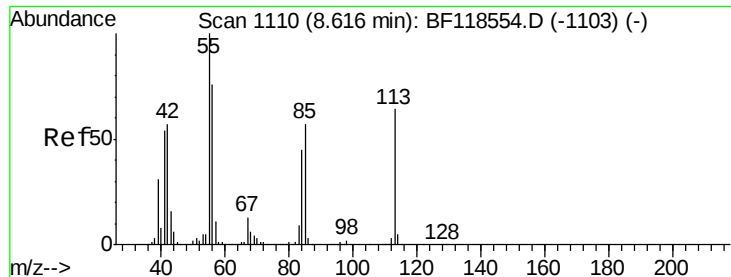
#34
 Hexachlorobutadiene
 Concen: 59.800 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion:	225	Resp:	928375
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	64.8	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

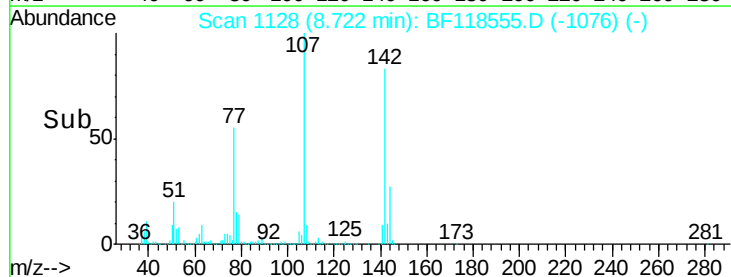
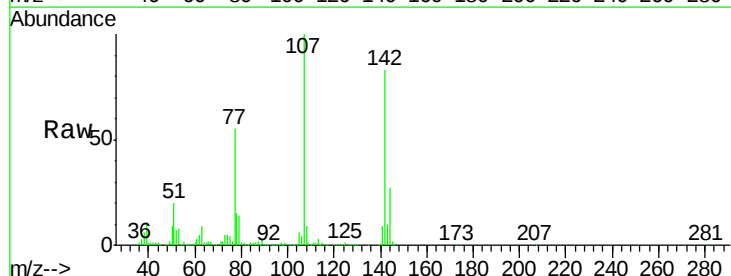
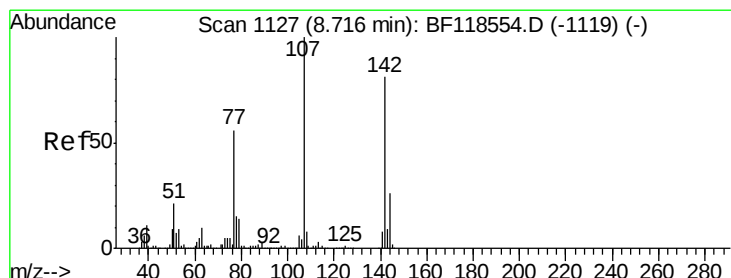
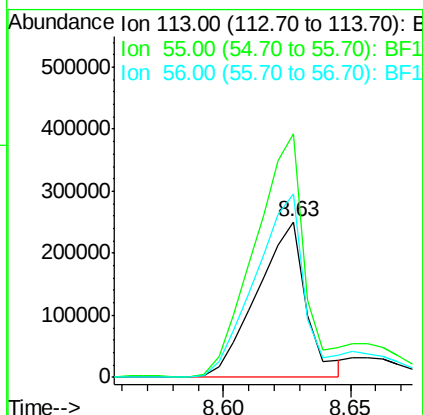




#35
Caprolactam
Concen: 47.572 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

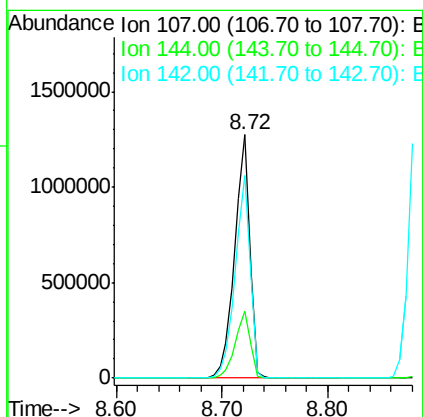
Instrument :
BNA_F
ClientSampleId :

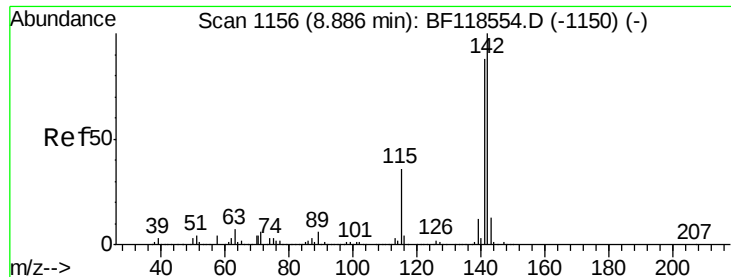
Tot Ion:113 Resp: 340363
Ion Ratio Lower Upper
113 100
55 156.6 137.3 177.3
56 117.6 99.7 139.7



#36
4-Chloro-3-methylphenol
Concen: 52.539 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:107 Resp: 1258896
Ion Ratio Lower Upper
107 100
144 27.4 21.2 31.8
142 83.3 64.4 96.6

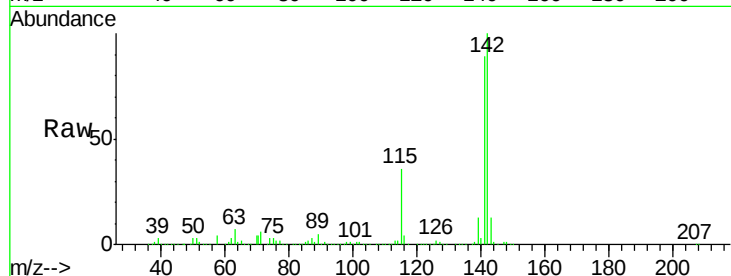




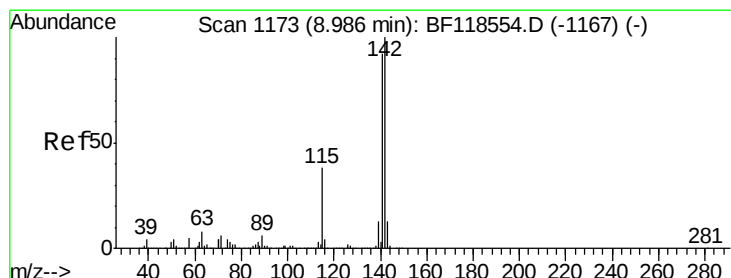
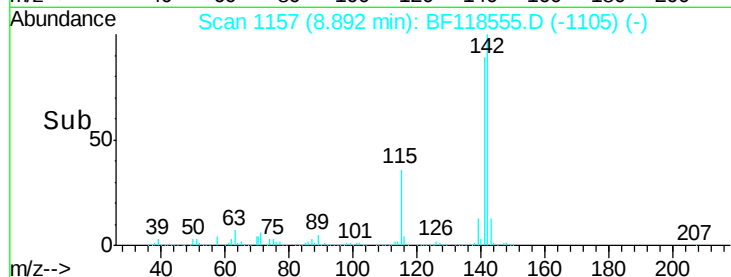
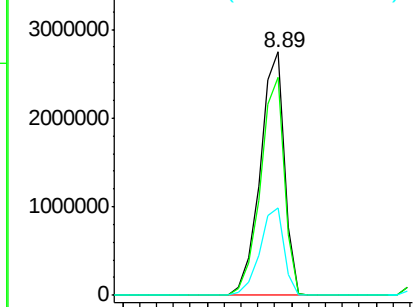
#37
2-Methylnaphthalene
Concen: 51.859 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2730237
Ion Ratio Lower Upper
142 100
141 89.5 70.6 106.0
115 35.9 29.0 43.4

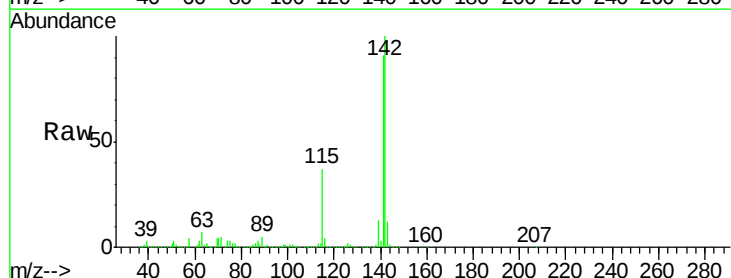


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

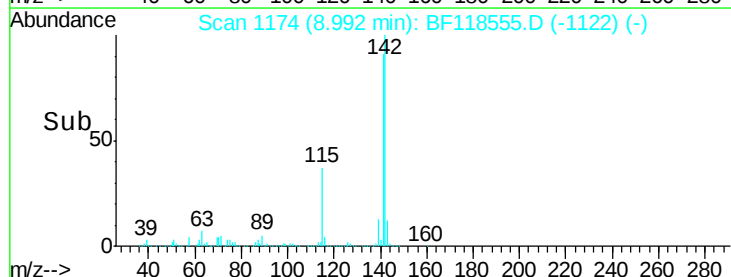
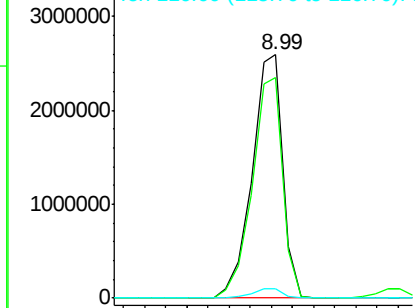


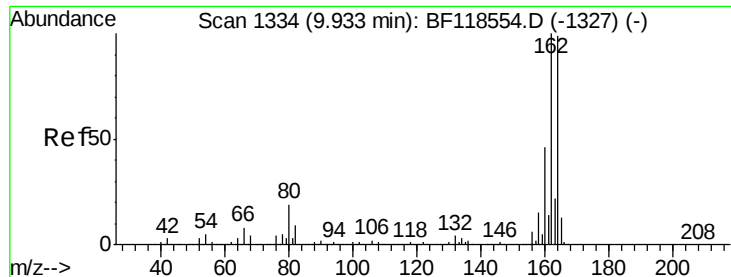
#38
1-Methylnaphthalene
Concen: 52.194 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:142 Resp: 2605556
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.6
116 4.0 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

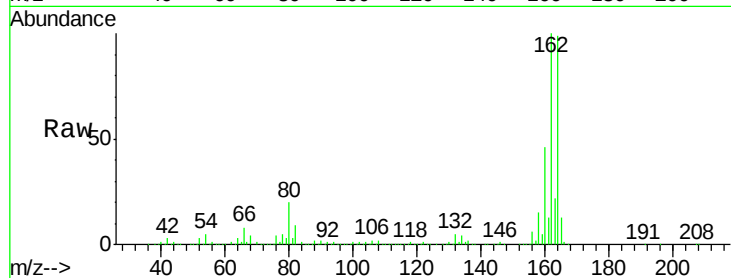




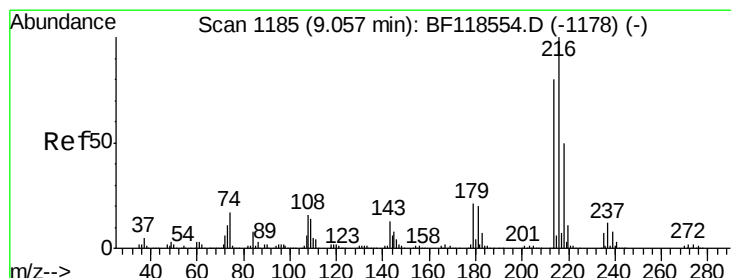
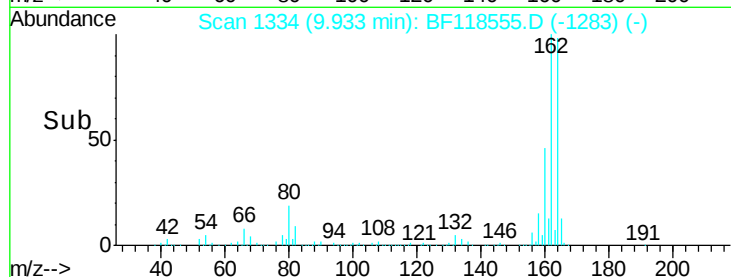
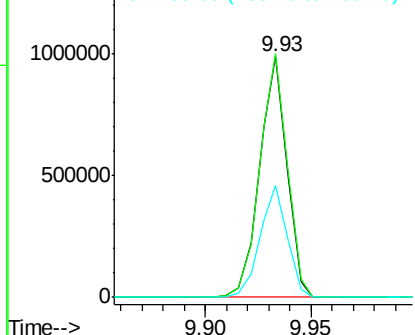
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 889736
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 46.4 36.7 55.1

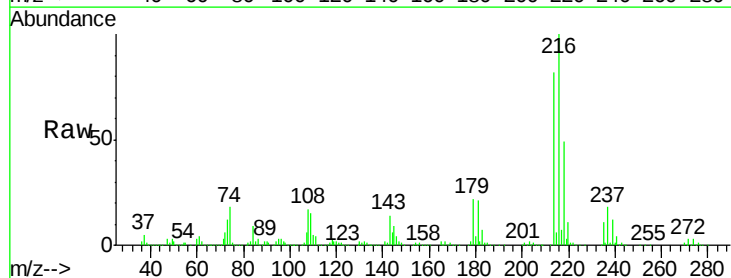


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

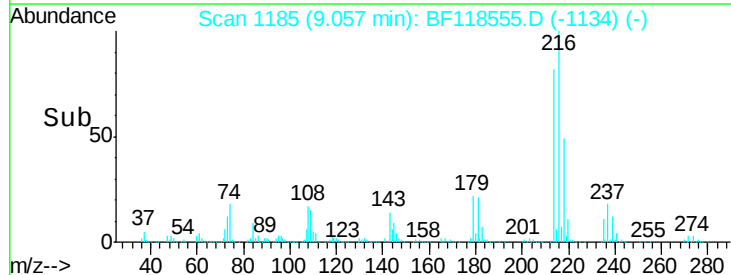
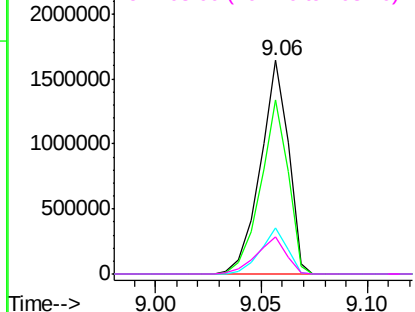


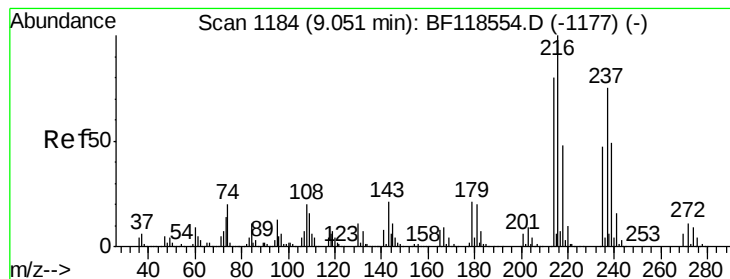
#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.347 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:216 Resp: 1510066
Ion Ratio Lower Upper
216 100
214 80.1 63.6 95.4
179 20.7 16.5 24.7
108 18.1 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: 198.644 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

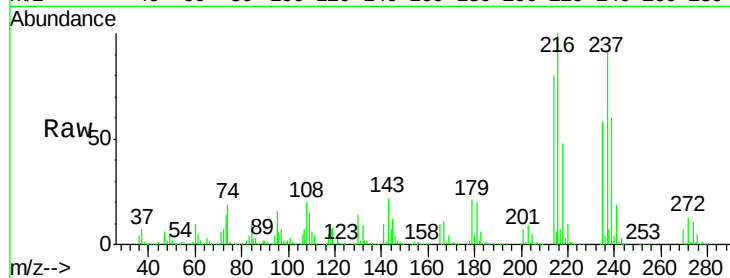
Tot Ion:237 Resp: 819089

Ion Ratio Lower Upper

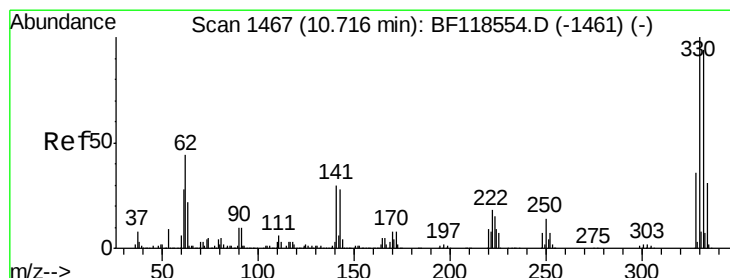
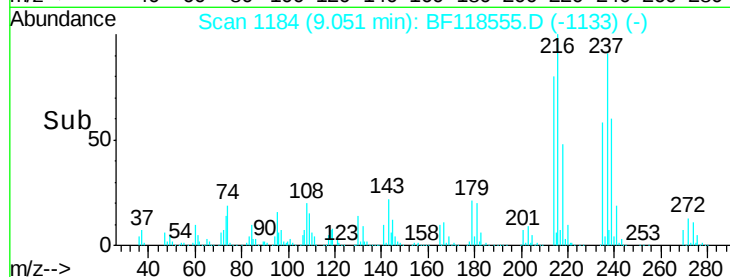
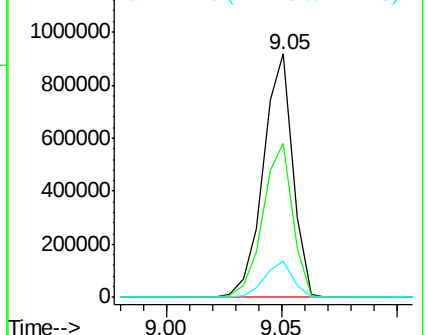
237 100

235 63.4 42.1 82.1

272 14.8 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: 99.471 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

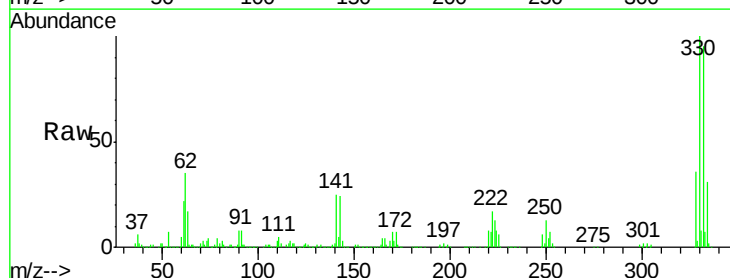
Tgt Ion:330 Resp: 1073486

Ion Ratio Lower Upper

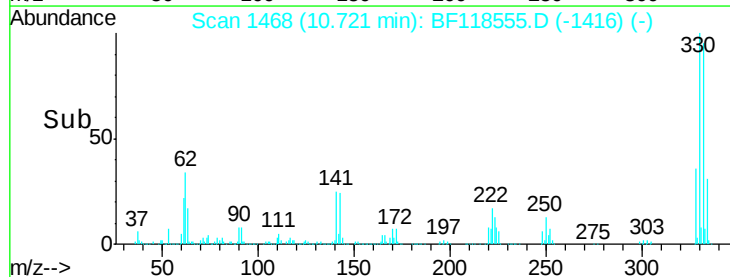
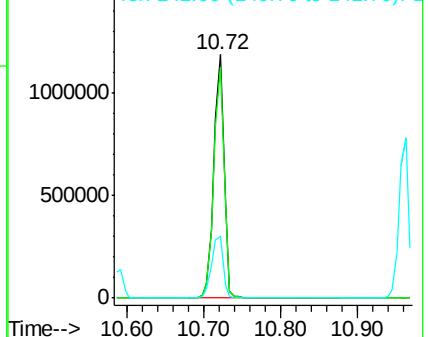
330 100

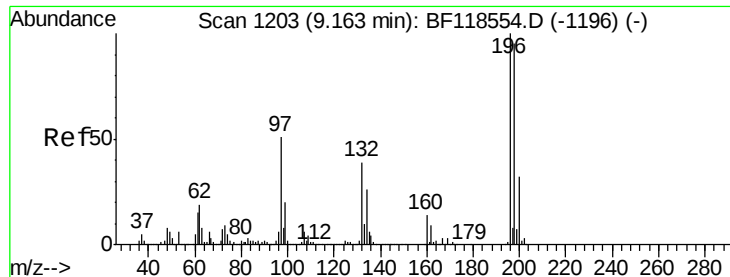
332 95.8 76.4 114.6

141 28.9 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

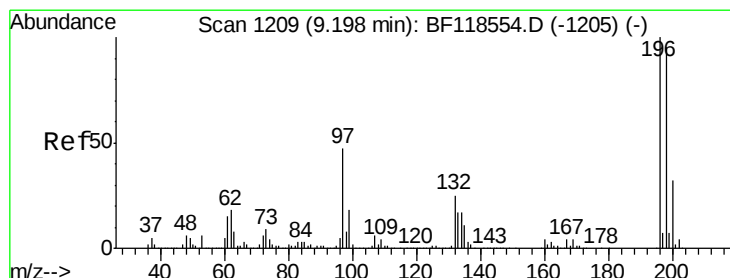
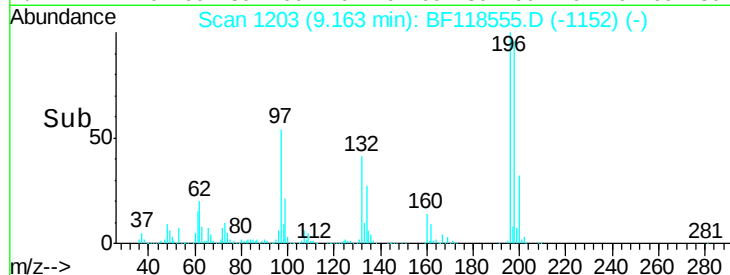
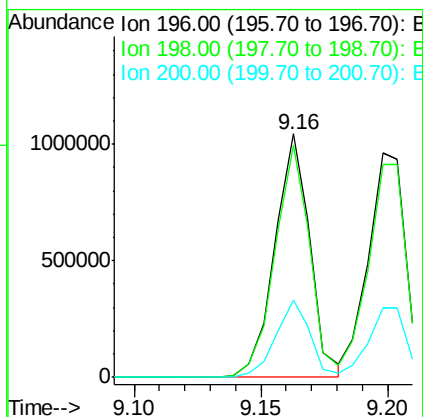
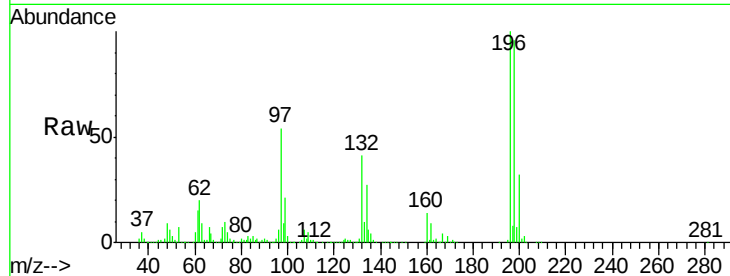




#43
 2,4,6-Trichlorophenol
 Concen: 57.147 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

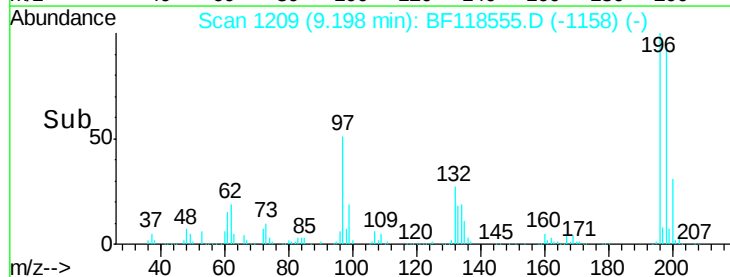
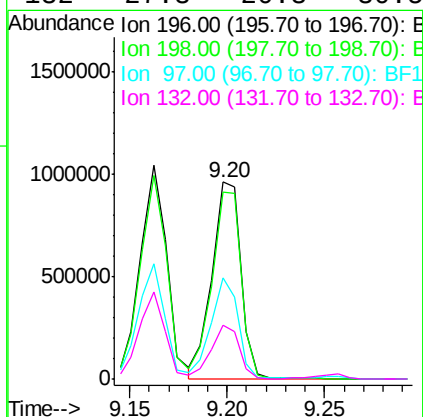
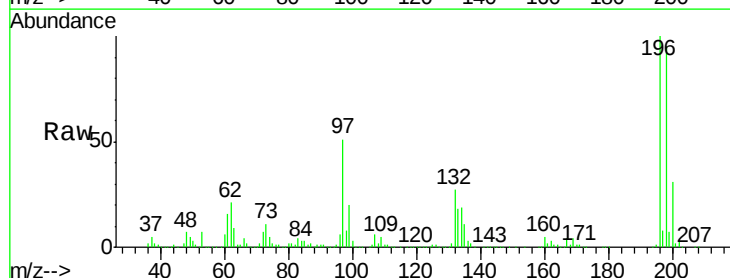
Instrument :
 BNA_F
 ClientSampled :

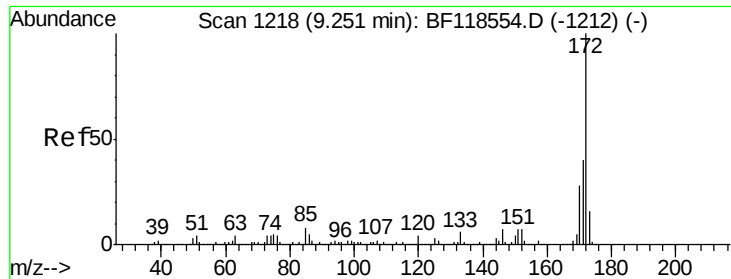
Tot Ion:196 Resp: 1009662
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.0 114.0
 200 31.5 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 56.279 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion:196 Resp: 992992
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.2 114.4
 97 51.2 37.4 56.2
 132 27.3 20.3 30.5

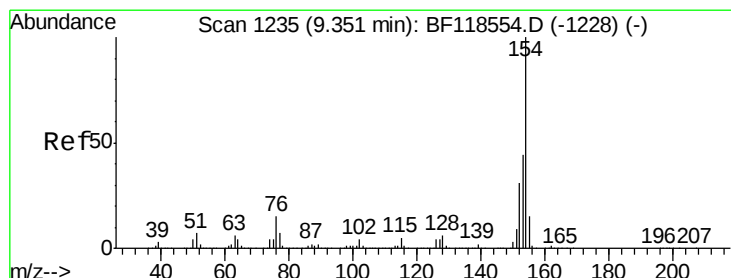
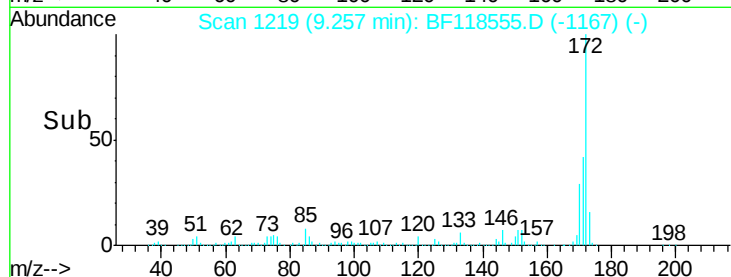
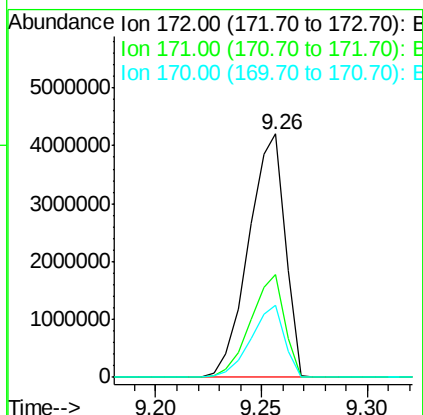
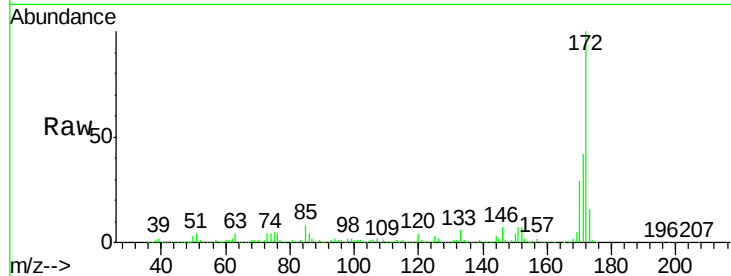




#45
2-Fluorobiphenyl
Concen: 91.256 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

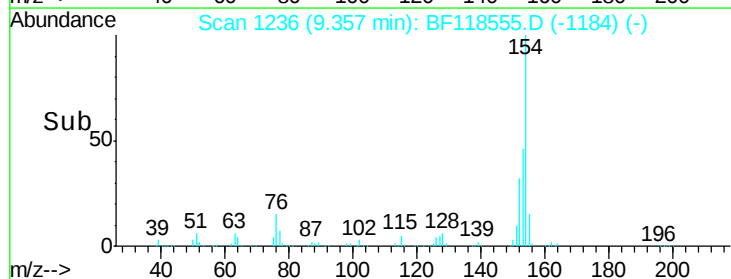
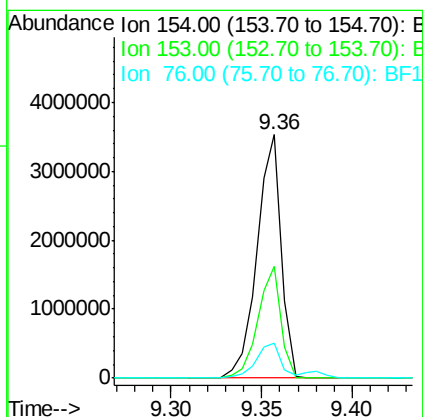
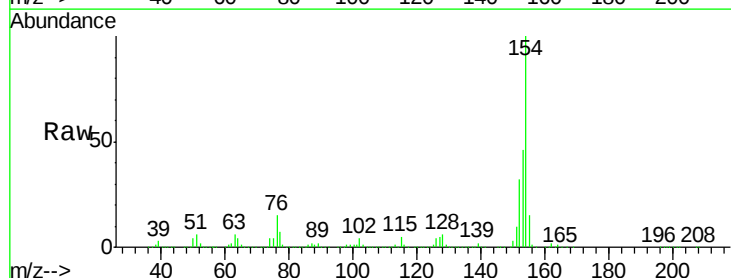
Instrument :
BNA_F
ClientSampled :

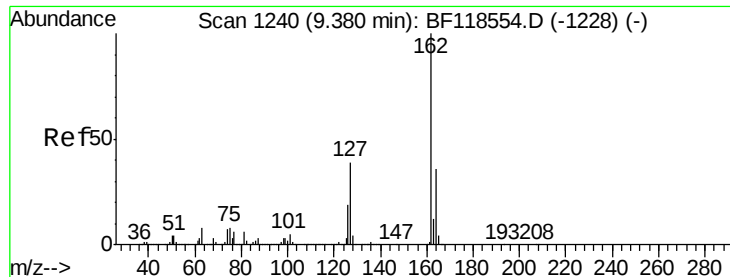
Tot Ion:172 Resp: 5033538
Ion Ratio Lower Upper
172 100
171 42.4 32.4 48.6
170 29.4 22.5 33.7



#46
1,1'-Biphenyl
Concen: 46.311 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:154 Resp: 3264910
Ion Ratio Lower Upper
154 100
153 45.8 23.7 63.7
76 14.6 0.0 35.2

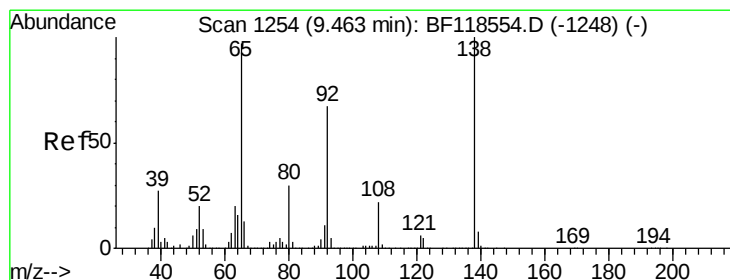
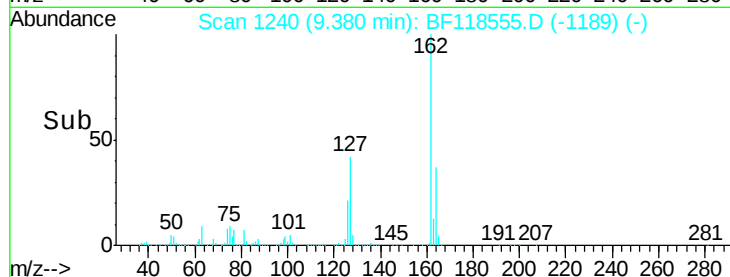
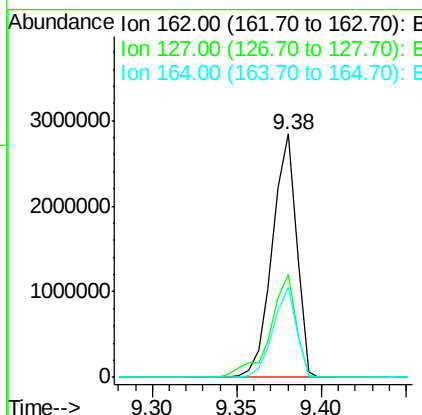
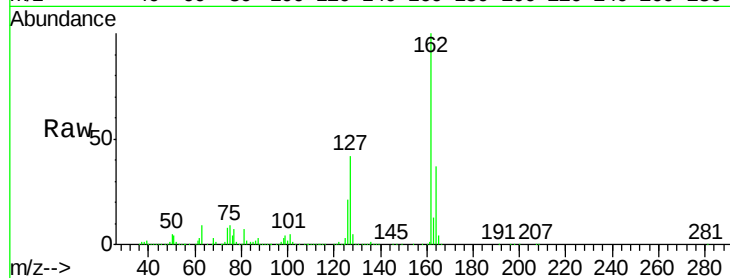




#47
2-Chloronaphthalene
Concen: 49.378 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

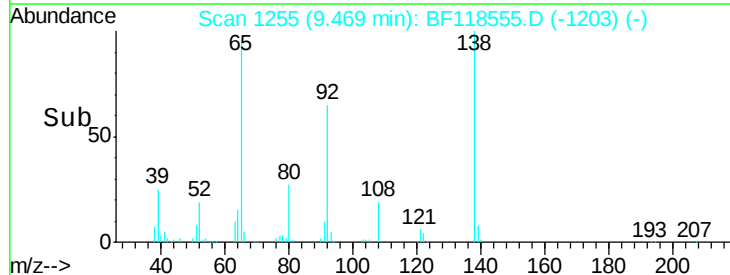
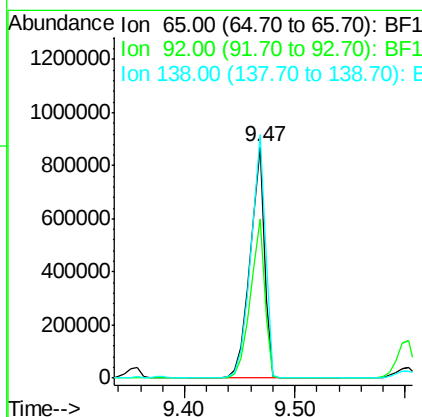
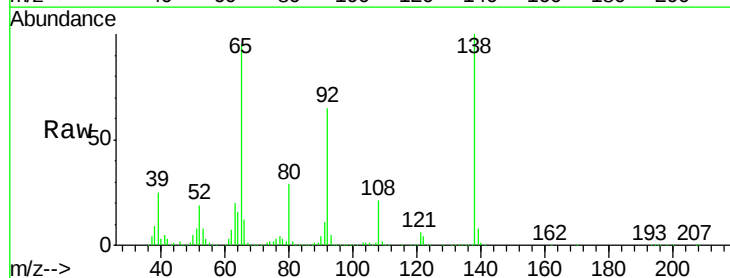
Instrument :
BNA_F
ClientSampleId :

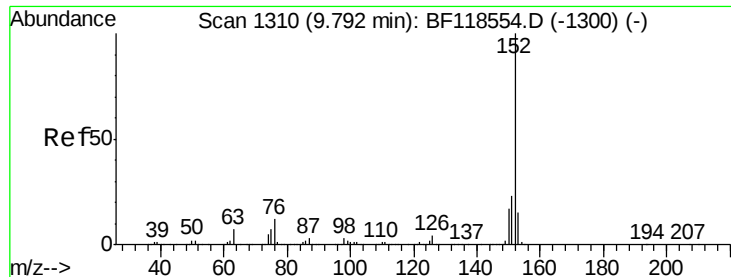
Tot Ion:162 Resp: 2794947
Ion Ratio Lower Upper
162 100
127 42.2 31.0 46.4
164 36.9 28.6 42.8



#48
2-Nitroaniline
Concen: 52.936 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion: 65 Resp: 804721
Ion Ratio Lower Upper
65 100
92 68.7 55.3 82.9
138 105.3 82.9 124.3





#49

Acenaphthylene

Concen: 47.131 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

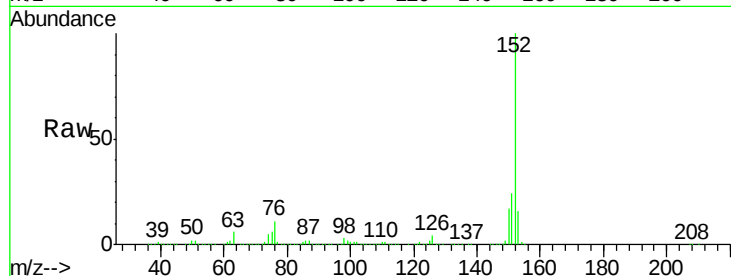
Tot Ion:152 Resp: 3887290

Ion Ratio Lower Upper

152 100

151 23.9 18.6 27.8

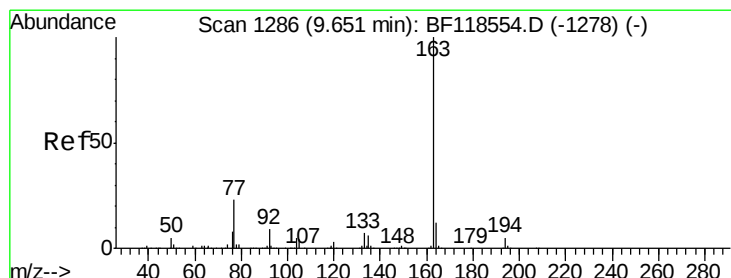
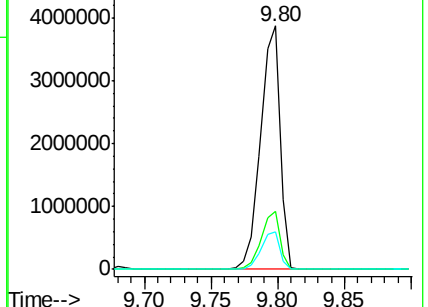
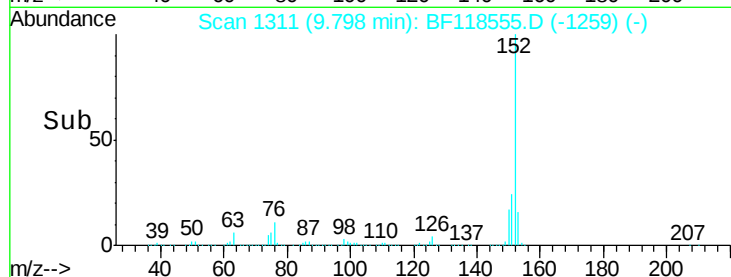
153 15.7 12.3 18.5



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: 47.932 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

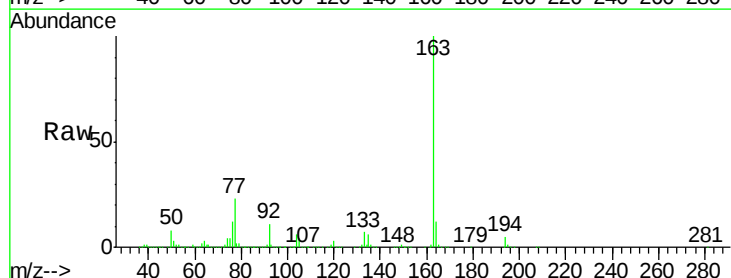
Tgt Ion:163 Resp: 3147720

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

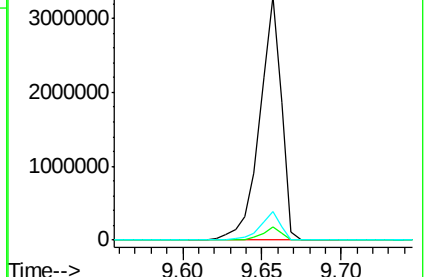
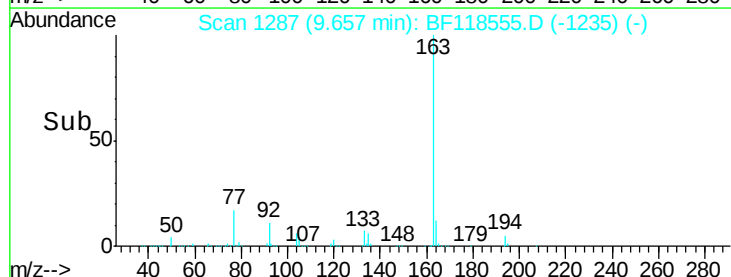
164 11.9 9.3 13.9

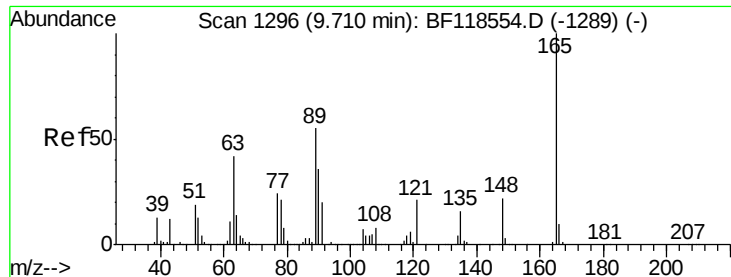


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

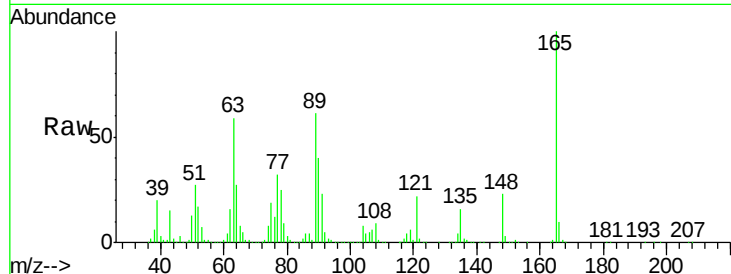




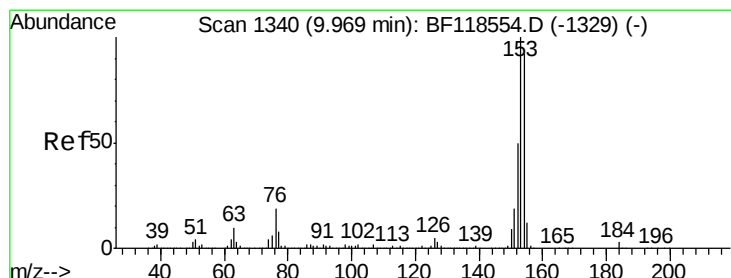
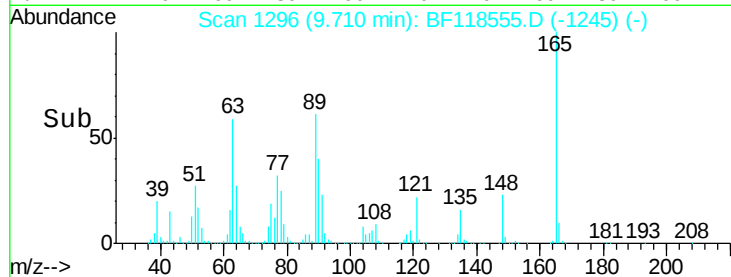
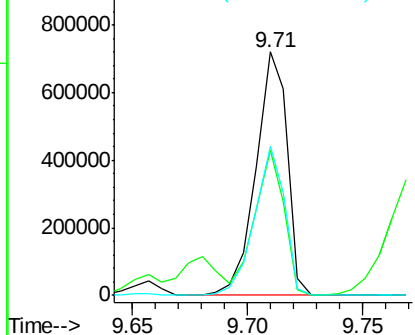
#51
 2,6-Dinitrotoluene
 Concen: 47.341 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.5	41.9	62.9
89	61.1	44.0	66.0

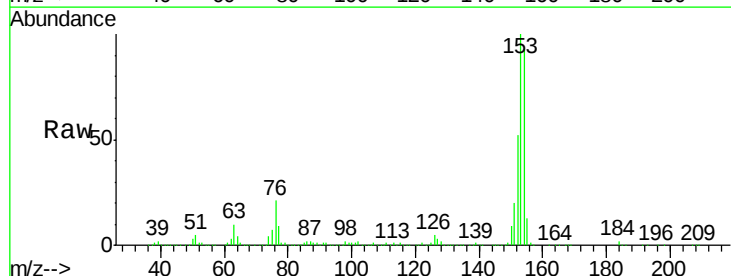


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

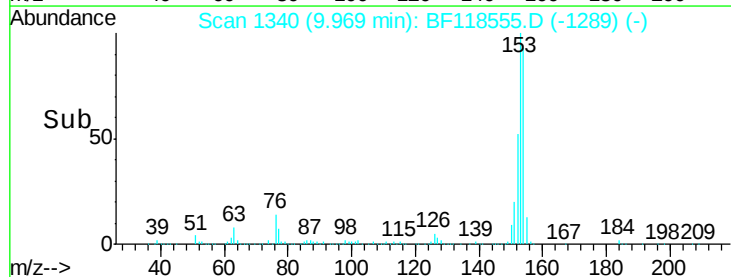
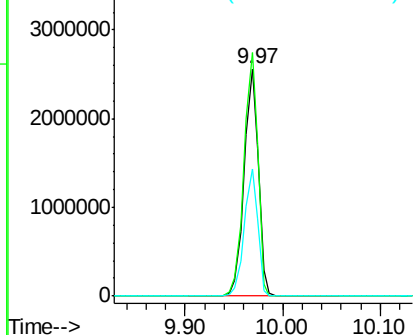


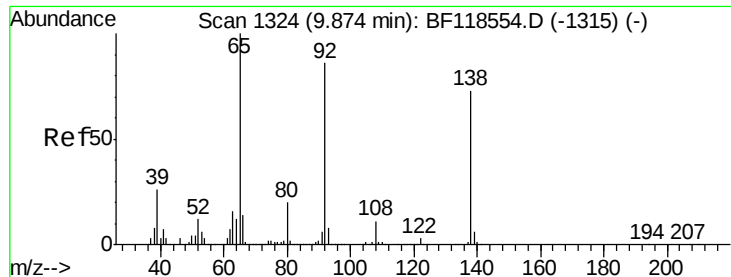
#52
 Acenaphthene
 Concen: 51.118 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.2	87.0	130.4
152	56.2	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

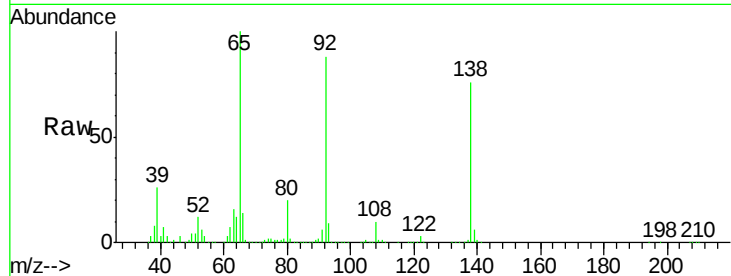




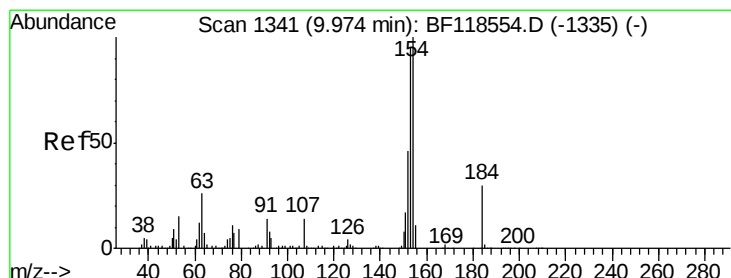
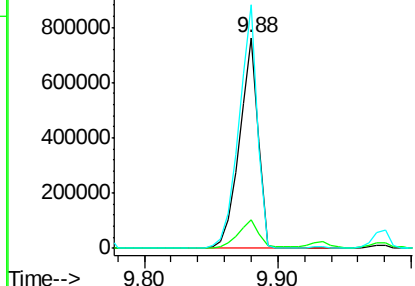
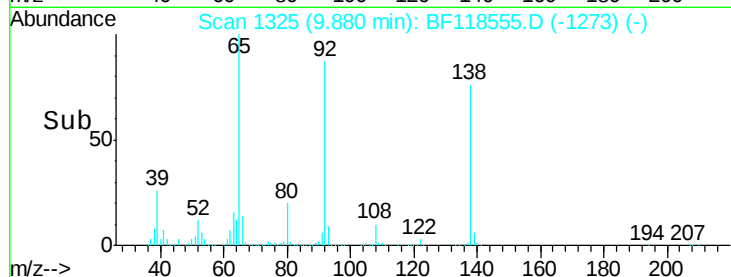
#53
3-Nitroaniline
Concen: 44.488 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 743021
Ion Ratio Lower Upper
138 100
108 13.4 12.2 18.4
92 115.6 94.2 141.2

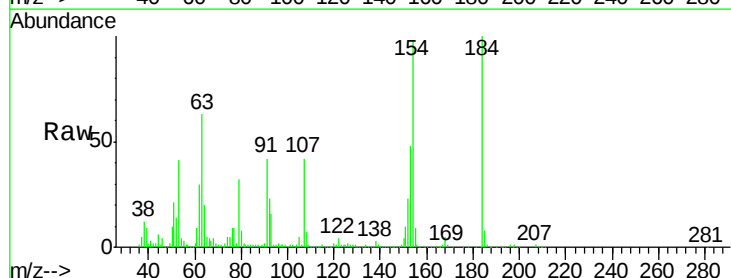


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

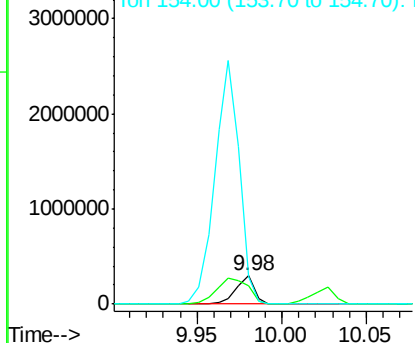
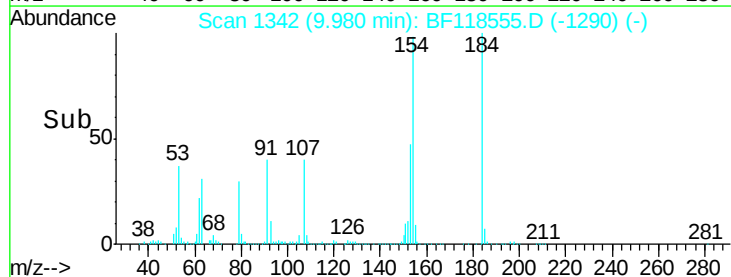


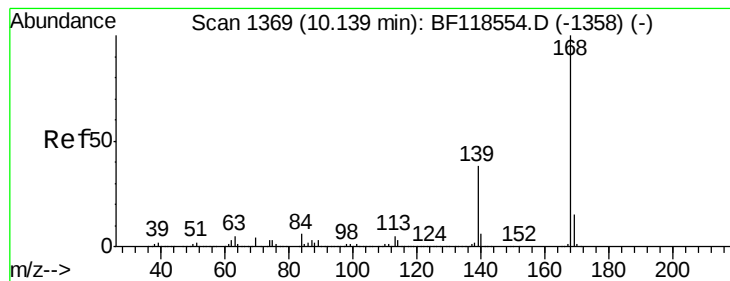
#54
2,4-Dinitrophenol
Concen: 41.661 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:184 Resp: 224674
Ion Ratio Lower Upper
184 100
63 62.8 69.4 104.0#
154 98.1 268.5 402.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.084 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

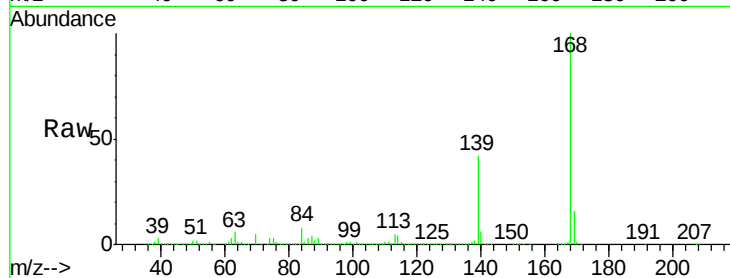
Tot Ion:168 Resp: 3614170

Ion Ratio Lower Upper

168 100

139 42.0 30.6 46.0

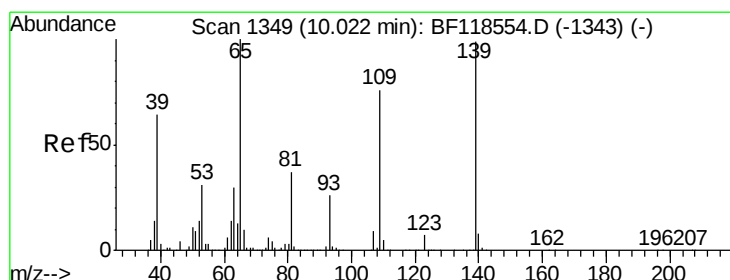
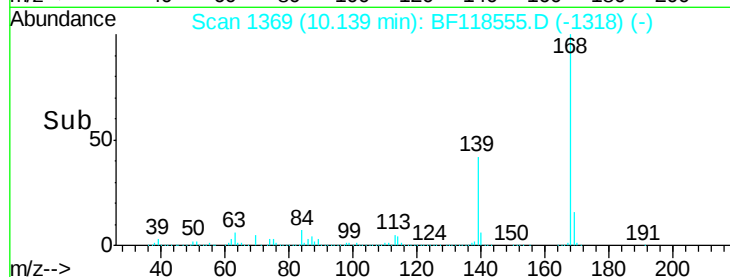
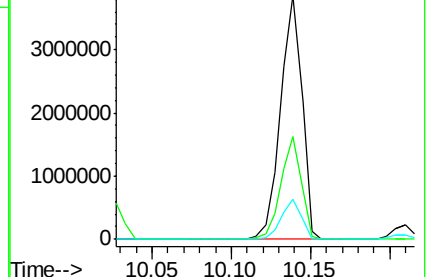
169 16.3 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 70.447 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

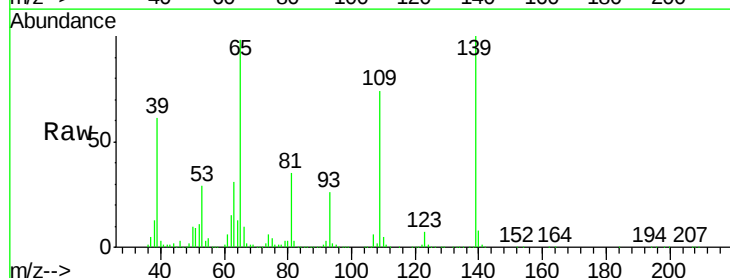
Tgt Ion:139 Resp: 539295

Ion Ratio Lower Upper

139 100

109 74.3 56.9 96.9

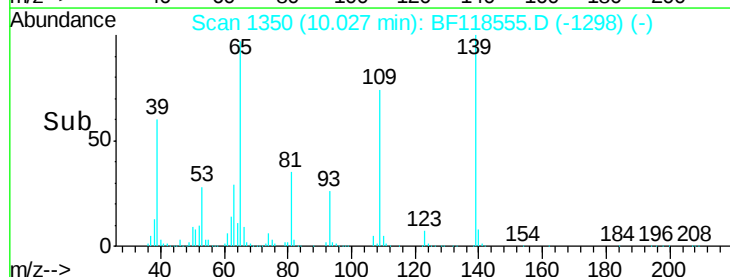
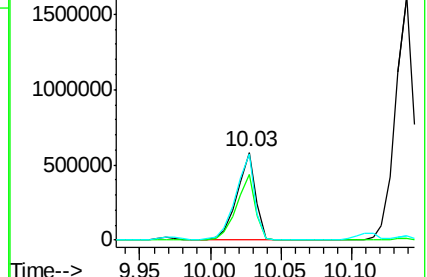
65 98.0 81.7 121.7

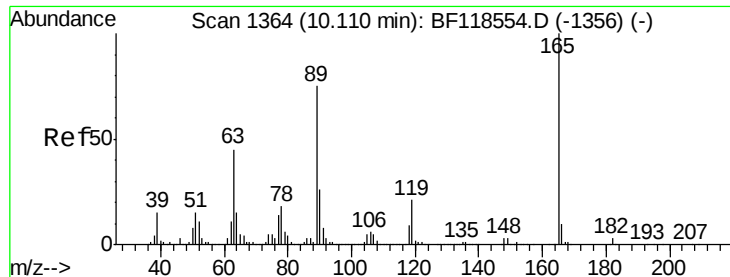


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

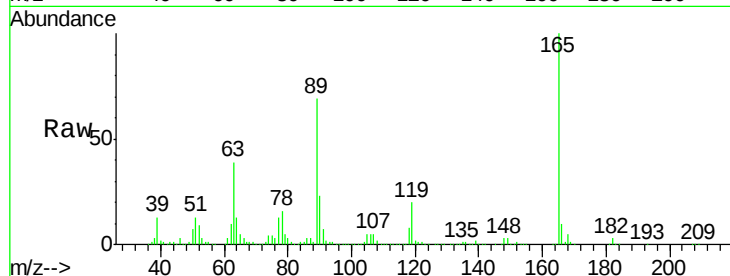




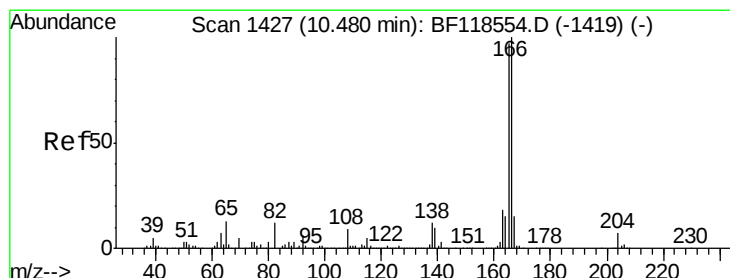
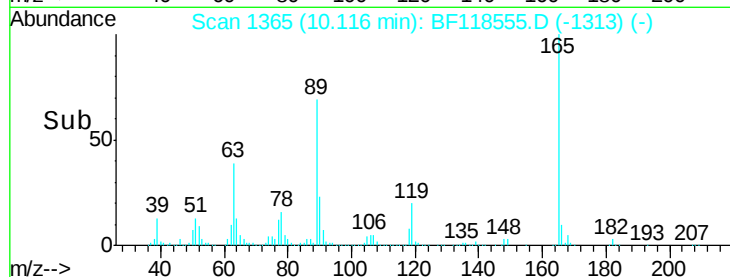
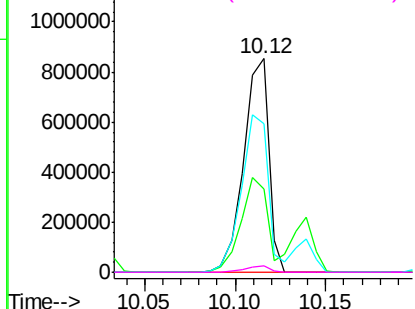
#57
2,4-Dinitrotoluene
Concen: 44.516 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 821623
Ion Ratio Lower Upper
165 100
63 39.0 35.8 53.6
89 69.3 59.9 89.9
182 2.9 2.2 3.2

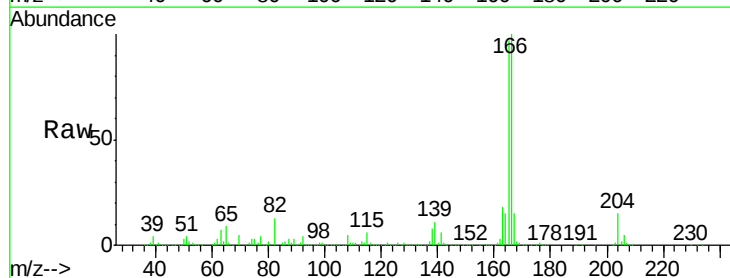


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

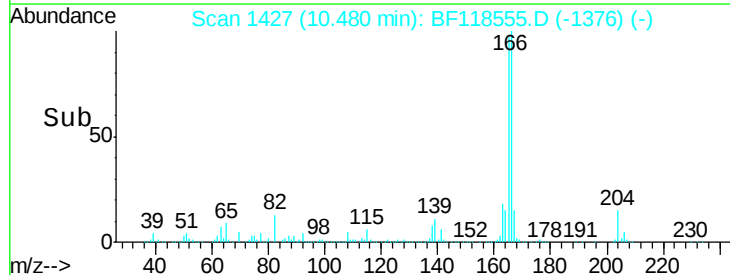
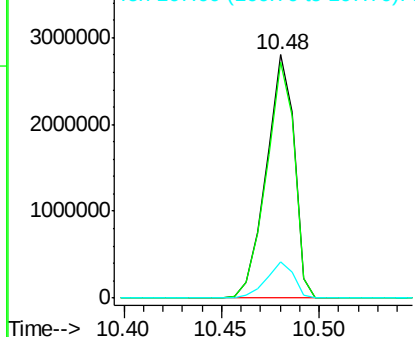


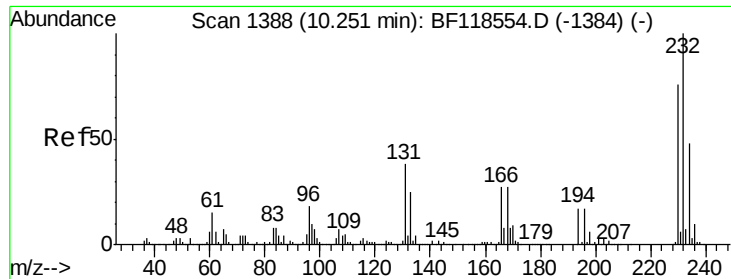
#58
Fluorene
Concen: 46.470 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:166 Resp: 2779518
Ion Ratio Lower Upper
166 100
165 96.7 77.8 116.8
167 14.9 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

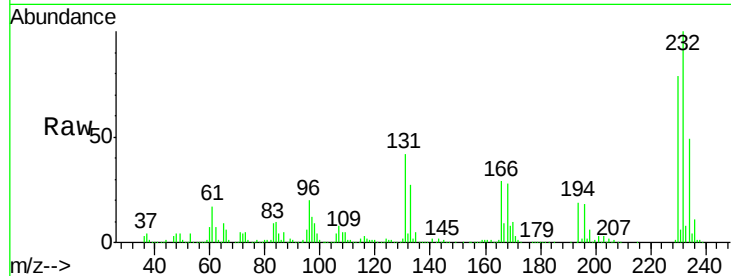




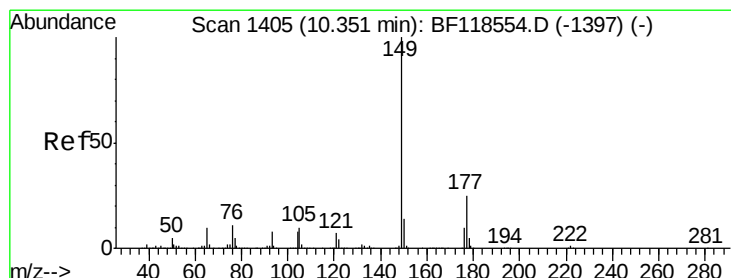
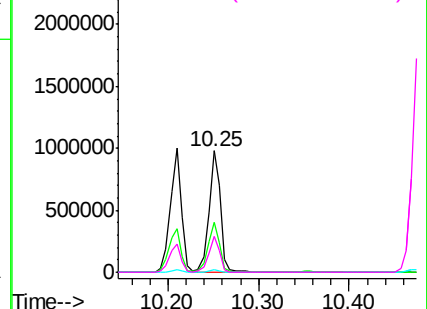
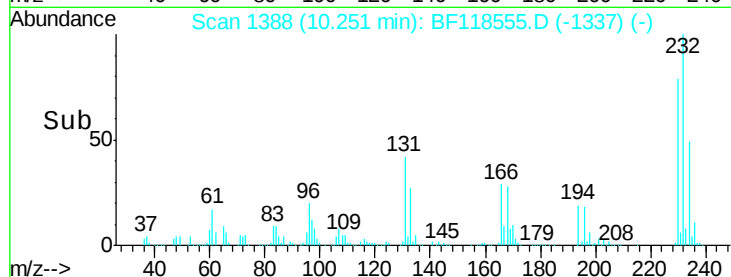
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.530 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
232	232	100		
131	131	40.6	32.3	48.5
130	130	2.1	1.7	2.5
166	166	28.4	22.2	33.2

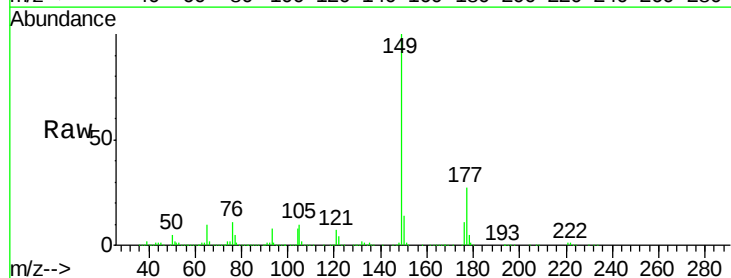


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

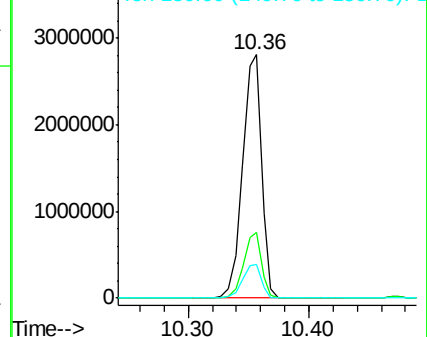
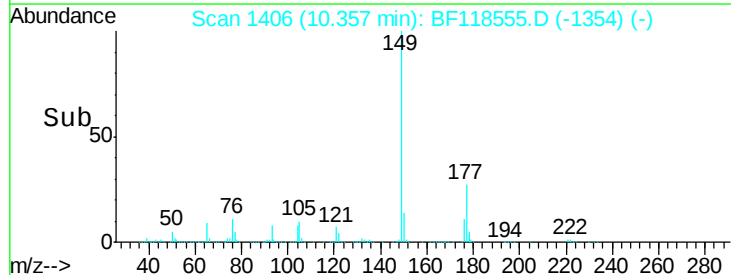


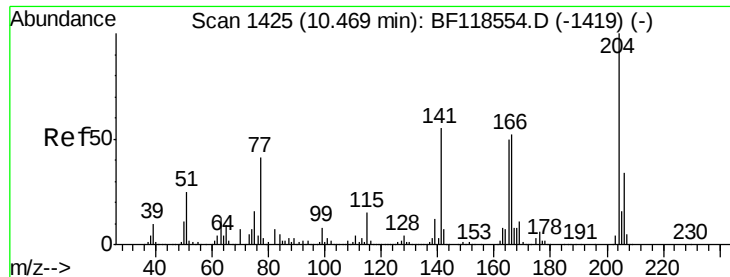
#60
Diethylphthalate
Concen: 47.107 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
149	149	100		
177	177	27.1	20.2	30.4
150	150	13.9	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

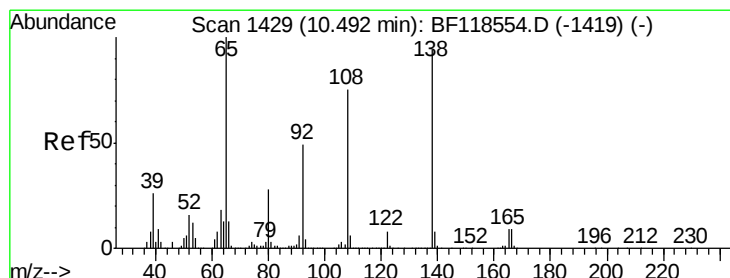
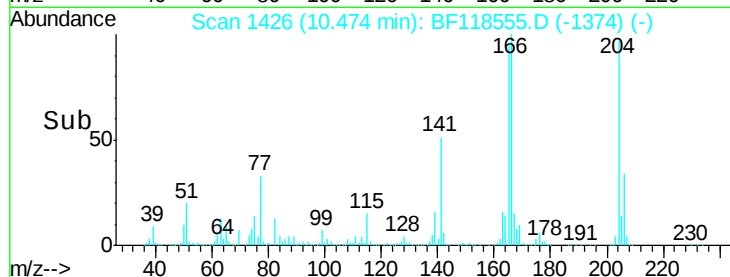
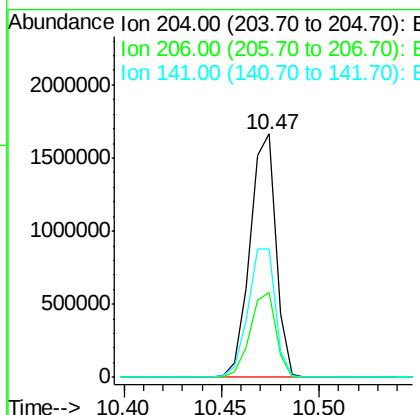
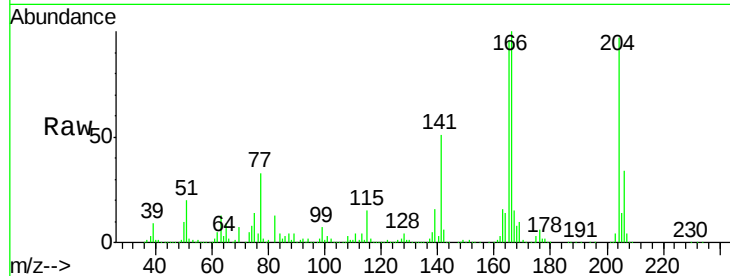




#61
 4-Chlorophenyl-phenylether
 Concen: 51.103 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

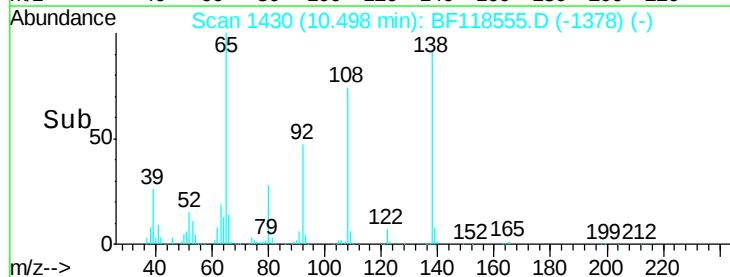
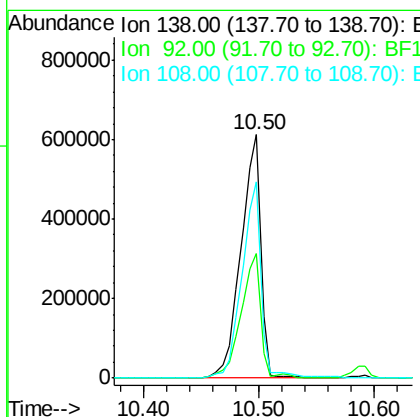
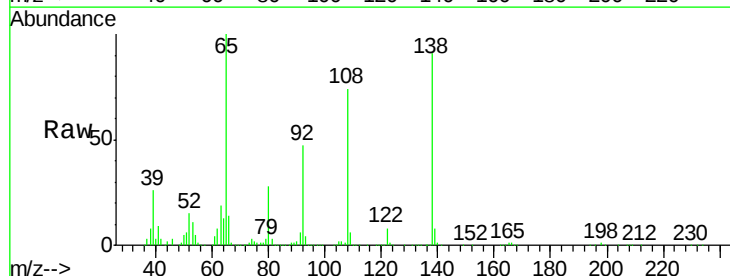
Instrument :
 BNA_F
 ClientSampled :

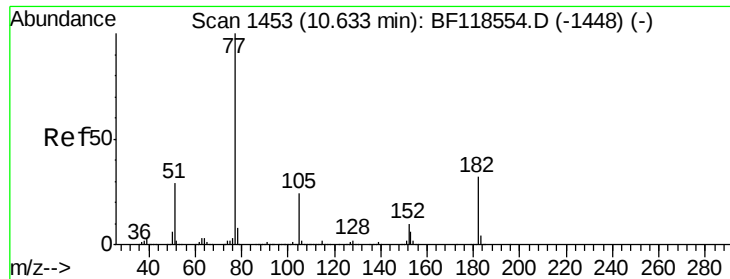
Tot Ion:204 Resp: 1537796
 Ion Ratio Lower Upper
 204 100
 206 34.9 27.1 40.7
 141 52.6 44.4 66.6



#62
 4-Nitroaniline
 Concen: 44.204 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion:138 Resp: 729037
 Ion Ratio Lower Upper
 138 100
 92 51.1 31.7 71.7
 108 80.9 59.6 99.6





#63

Azobenzene

Concen: 54.978 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

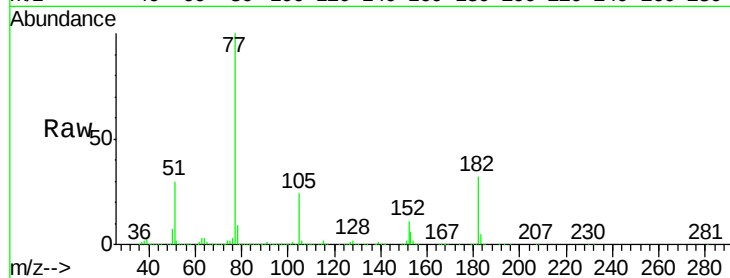
Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 2979748

Ion Ratio Lower Upper

77 100

182 31.9 11.7 51.7

105 24.1 3.6 43.6

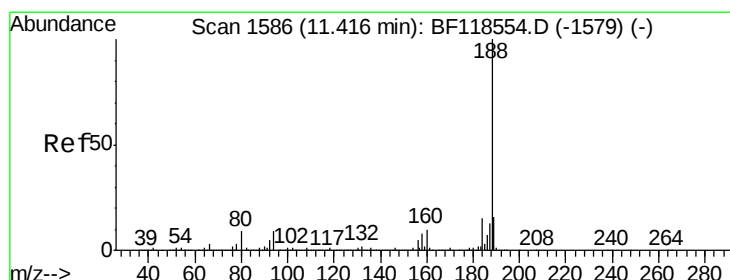
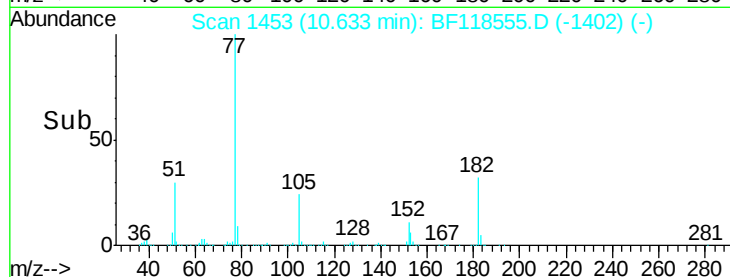
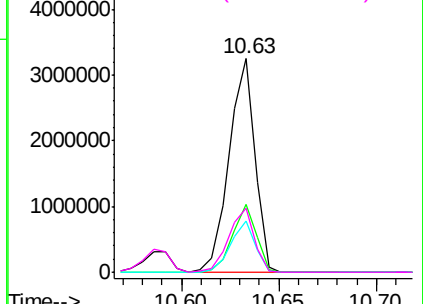
51 30.1 9.0 49.0

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: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

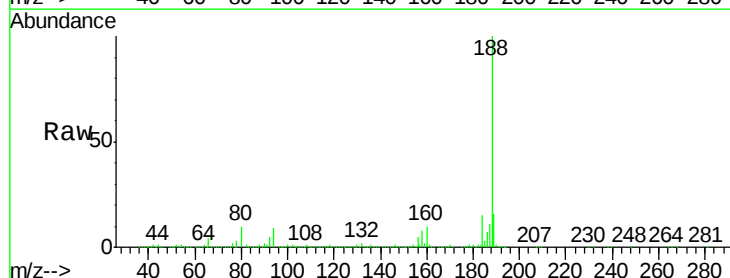
Tgt Ion: 188 Resp: 1557145

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

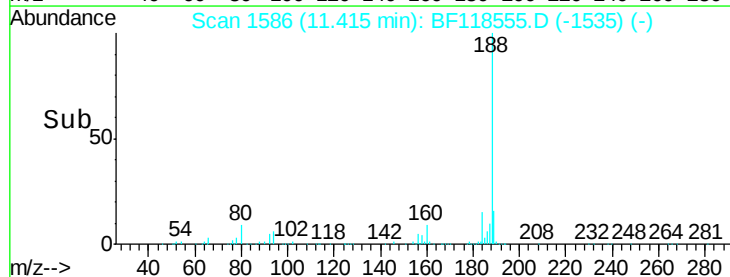
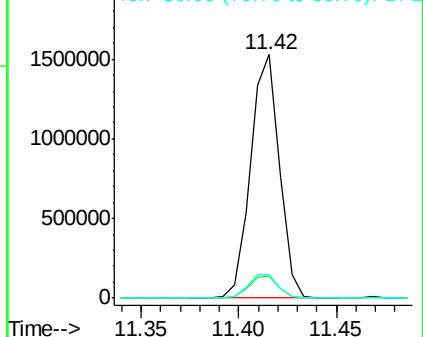
80 9.7 7.4 11.2

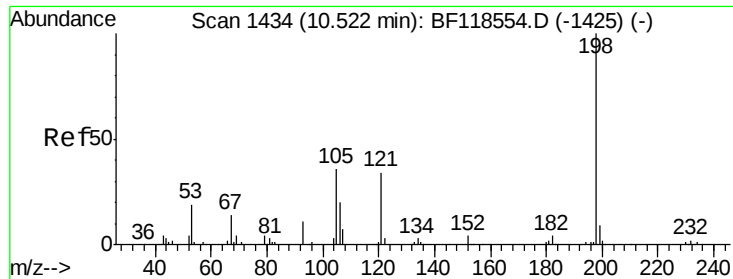


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 39.421 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

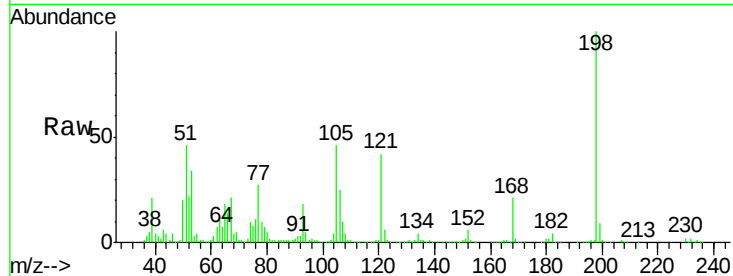
Tot Ion:198 Resp: 323903

Ion Ratio Lower Upper

198 100

51 45.9 13.2 53.2

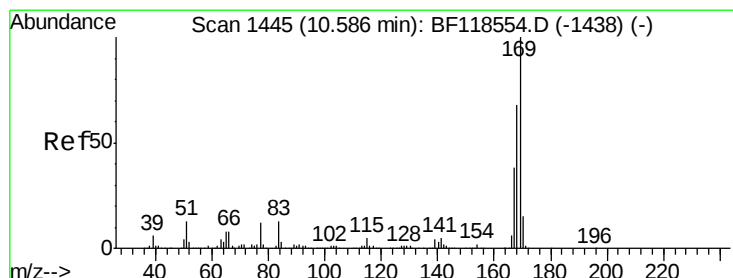
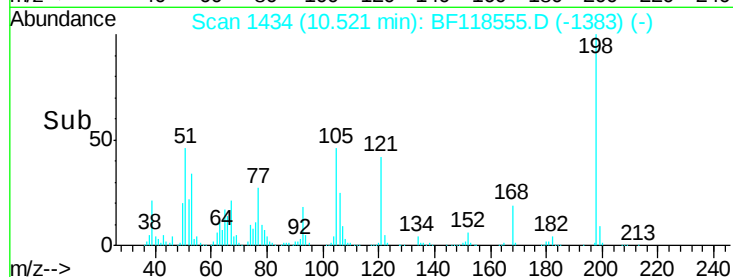
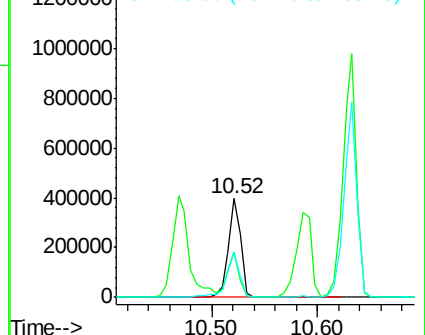
105 46.3 17.2 57.2



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: 51.012 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

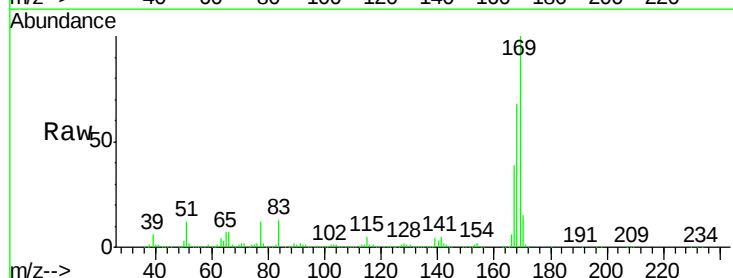
Tgt Ion:169 Resp: 2607987

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.4

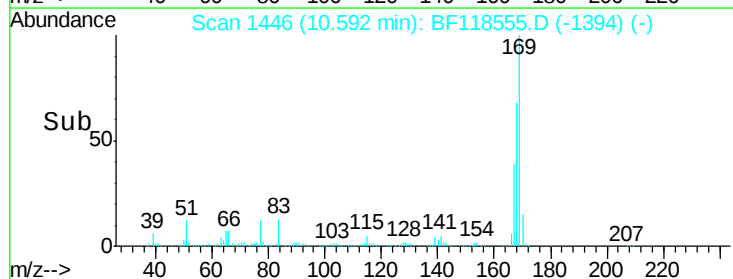
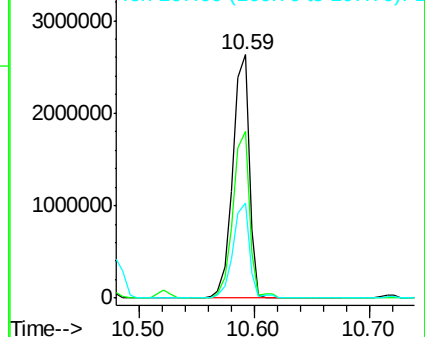
167 39.0 30.5 45.7

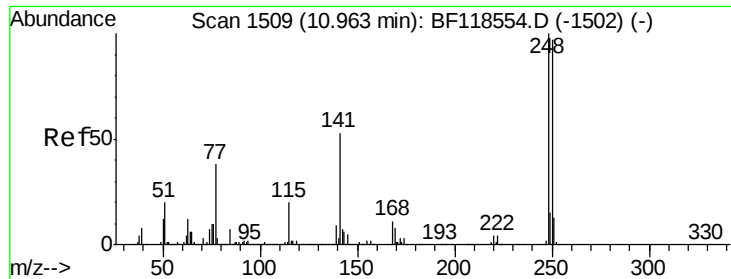


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

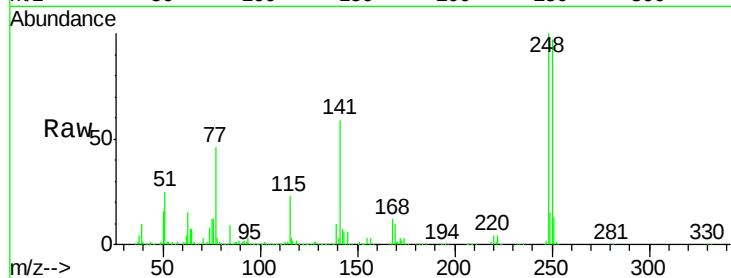




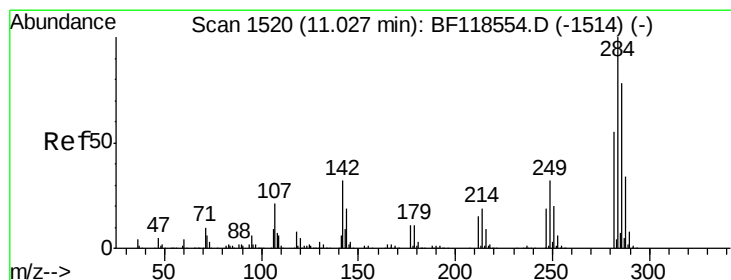
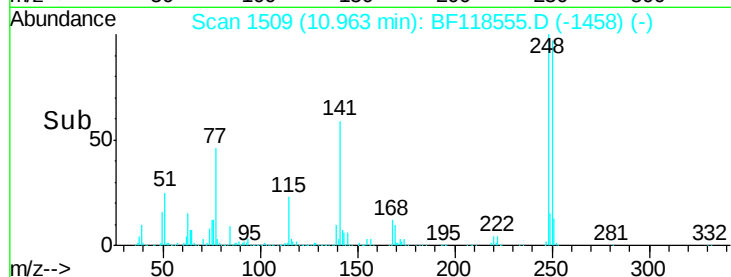
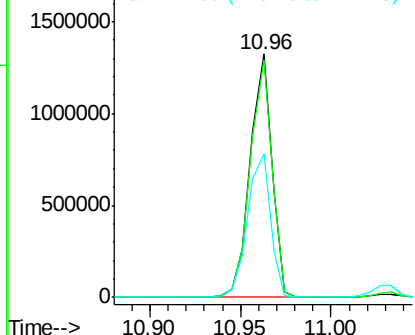
#67
4-Bromophenyl-phenylether
Concen: 58.967 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 1106868
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 59.2 42.7 64.1

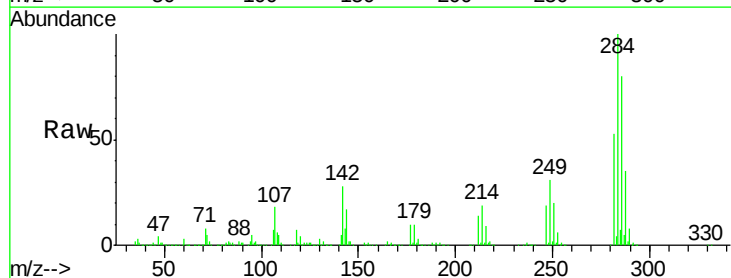


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

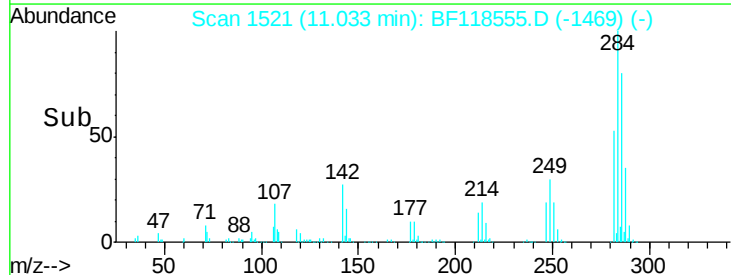
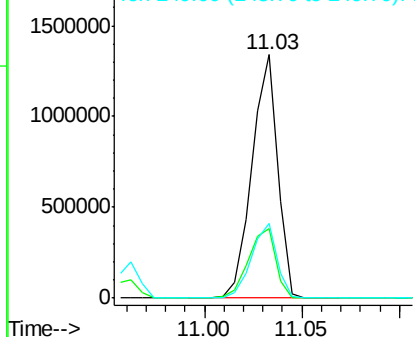


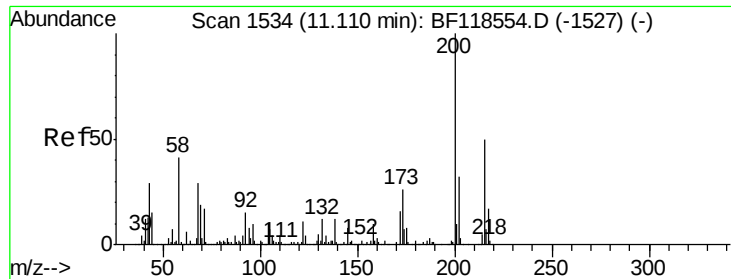
#68
Hexachlorobenzene
Concen: 54.886 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:284 Resp: 1221563
Ion Ratio Lower Upper
284 100
142 28.4 25.6 38.4
249 30.8 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

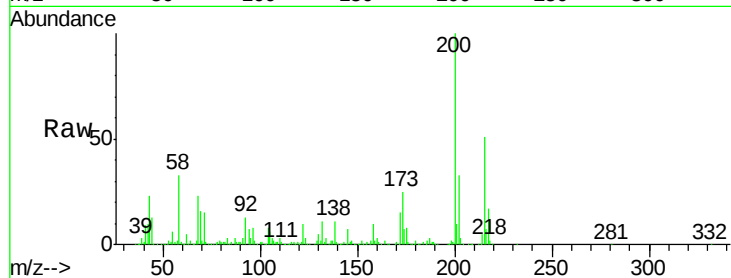




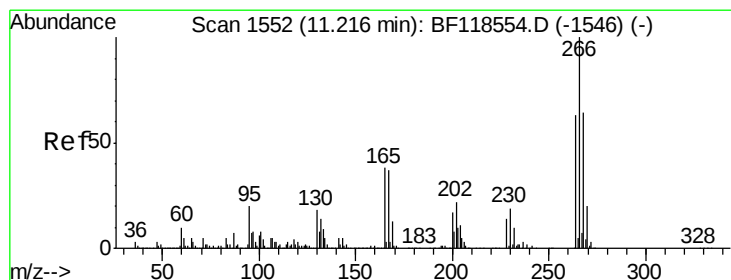
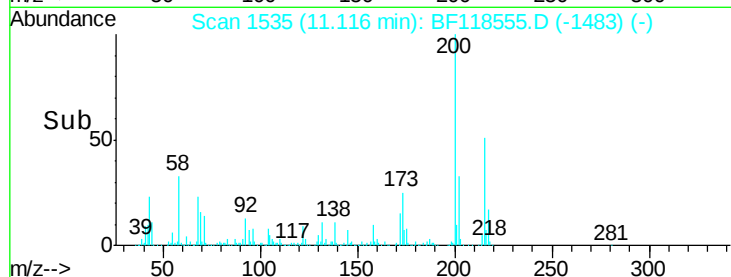
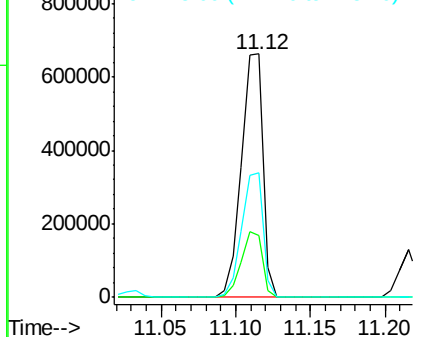
#69
Atrazine
Concen: 54.687 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.8	45.8
215	51.4	29.8	69.8

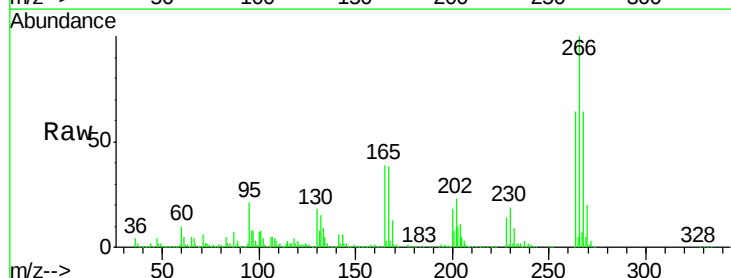


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

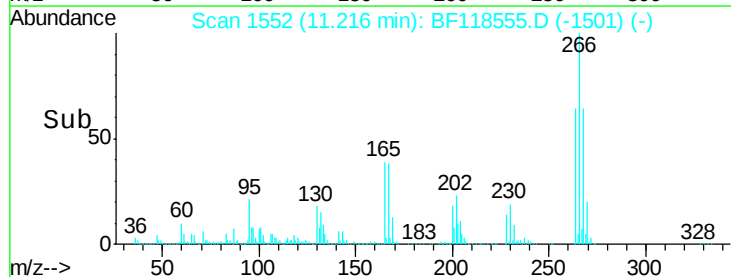
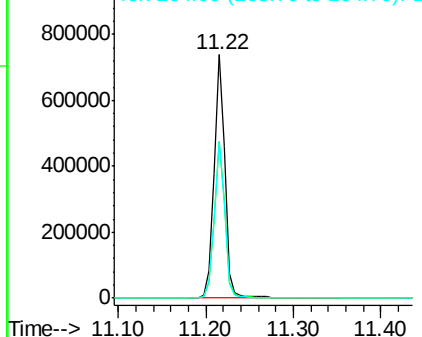


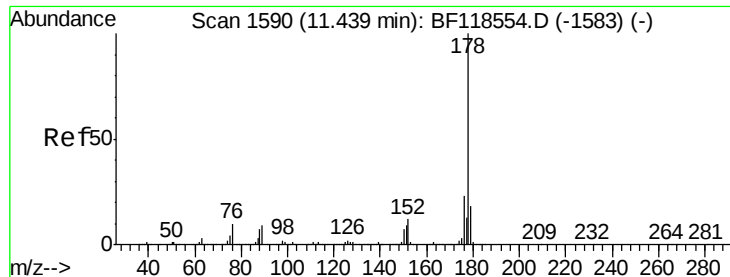
#70
Pentachlorophenol
Concen: 104.463 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.4
264	64.1	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: 47.339 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampled :

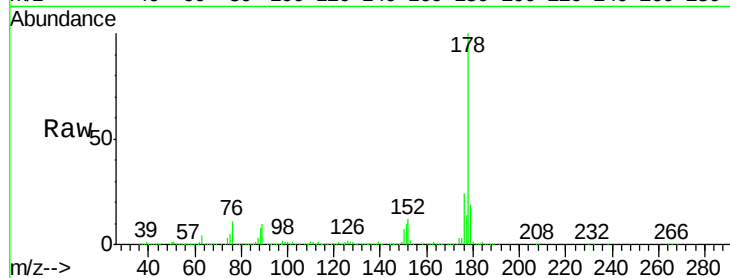
Tot Ion:178 Resp: 3968143

Ion Ratio Lower Upper

178 100

176 23.8 18.6 28.0

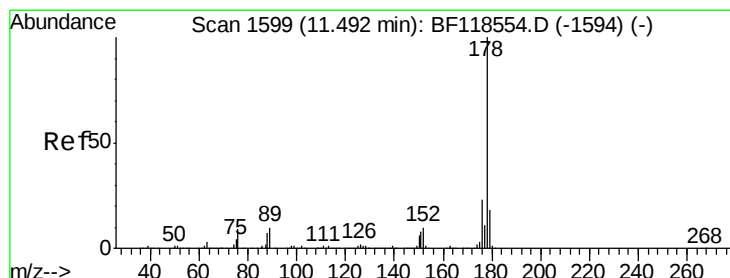
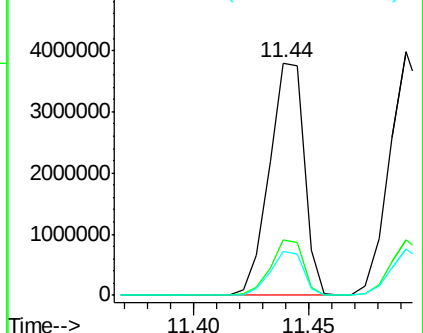
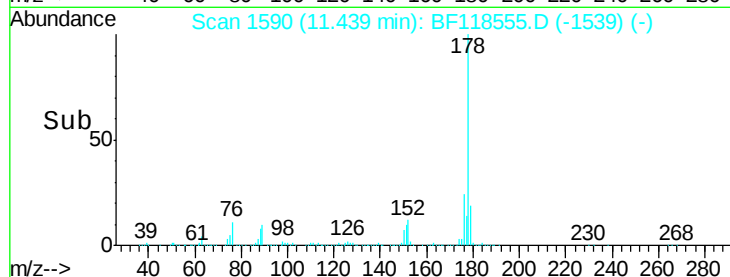
179 18.9 14.6 22.0



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: 48.272 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

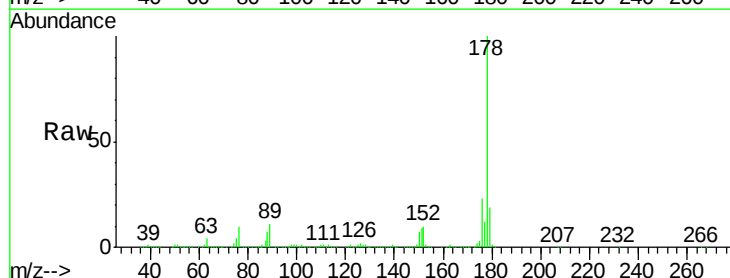
Tgt Ion:178 Resp: 4032900

Ion Ratio Lower Upper

178 100

176 23.0 18.1 27.1

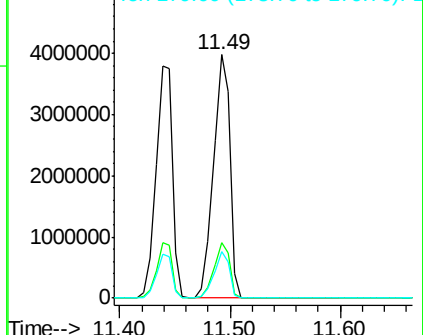
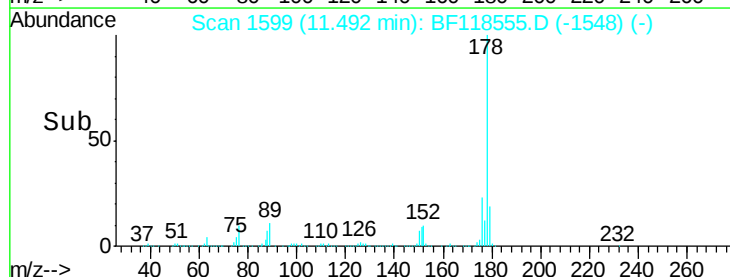
179 19.0 14.7 22.1

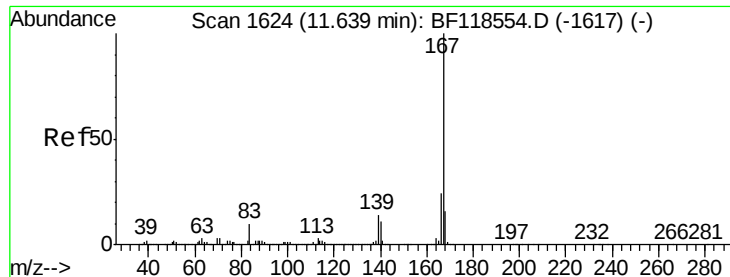


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.124 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

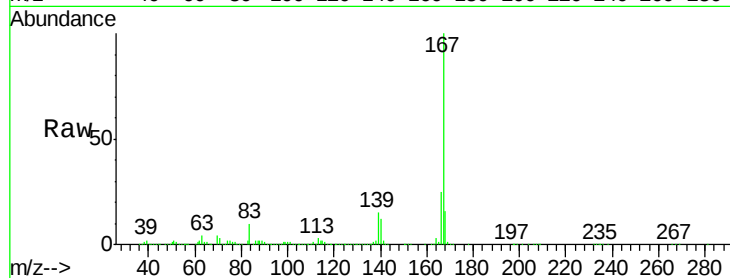
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 3591870

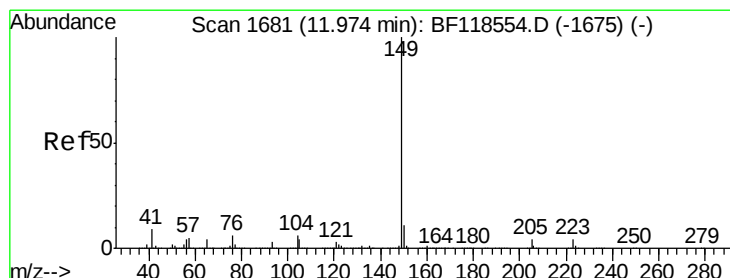
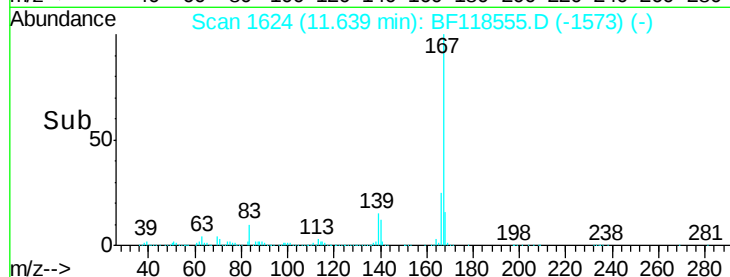
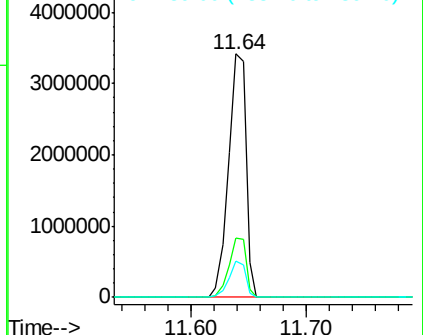
Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.5	29.3
139	15.0	11.5	17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.973 ng

RT: 11.98 min Scan# 1682

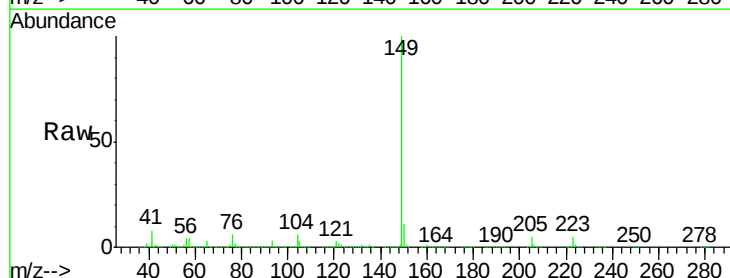
Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:149 Resp: 4244945

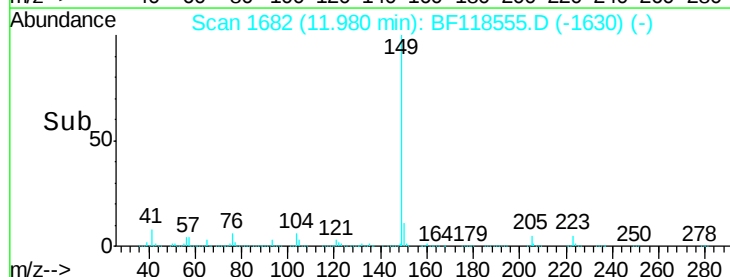
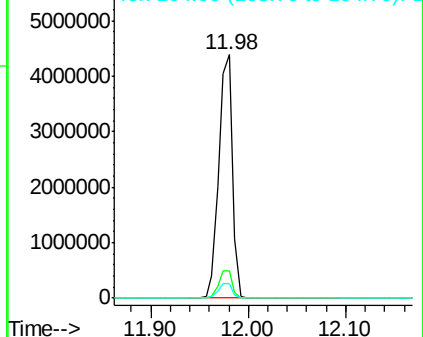
Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.0	13.6
104	6.0	5.0	7.4

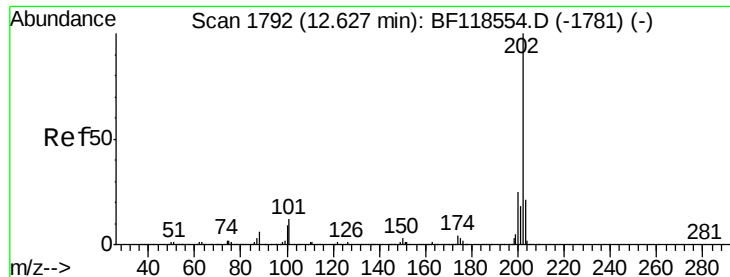


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.818 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

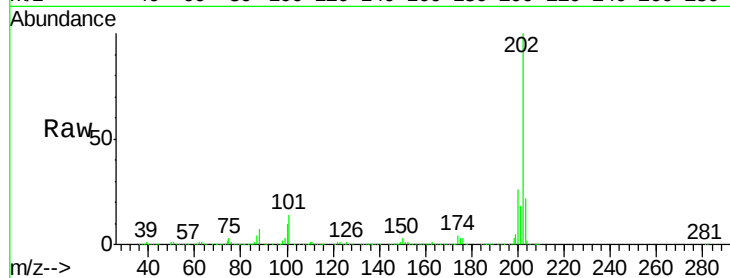
Tot Ion:202 Resp: 4087828

Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.9

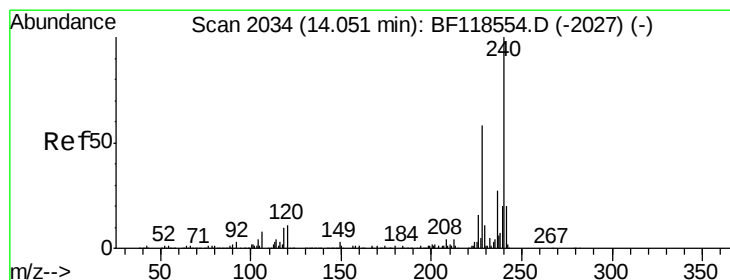
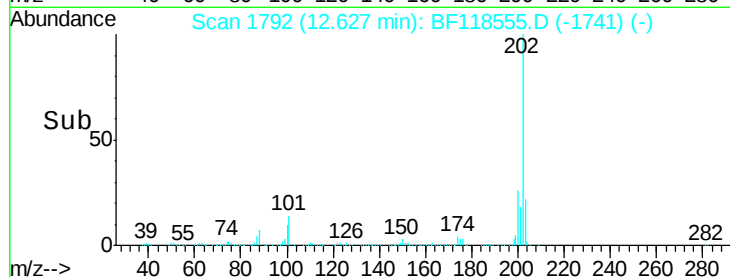
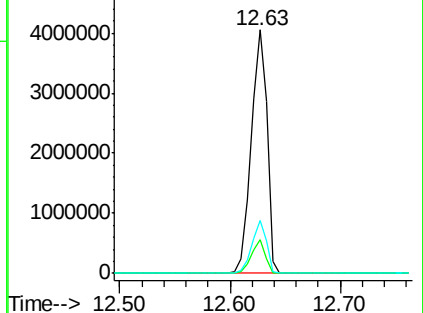
203 21.8 0.9 40.9



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: BF118555.D

Acq: 17 Jan 2020 12:02

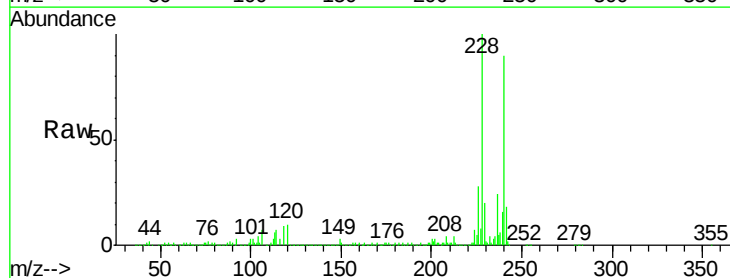
Tgt Ion:240 Resp: 1026640

Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

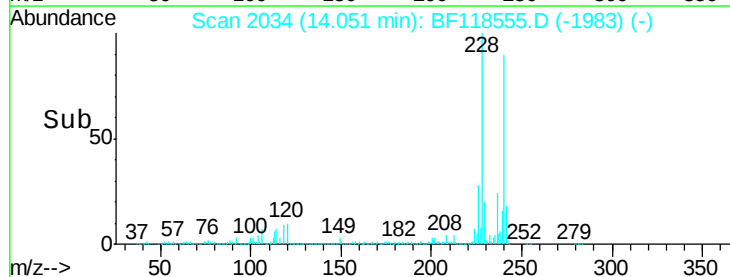
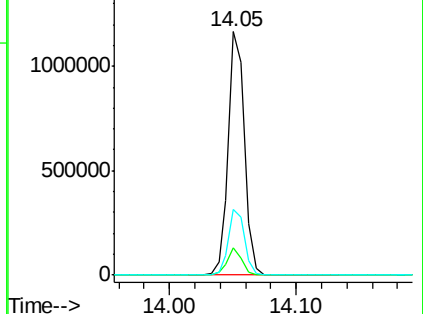
236 26.8 21.8 32.8

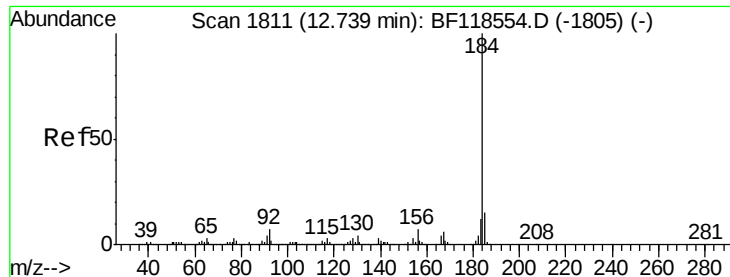


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.250 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

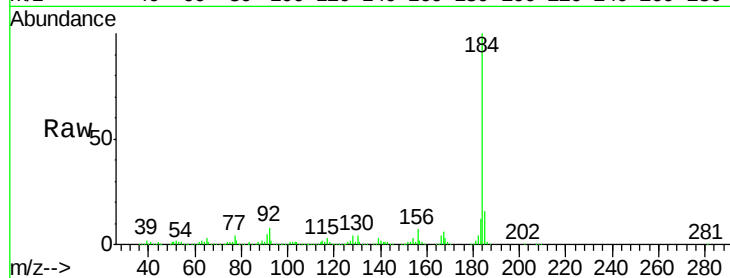
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1609765

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.3	18.5
183	12.2	9.5	14.3

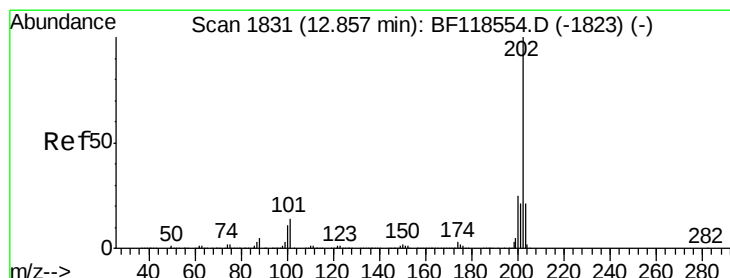
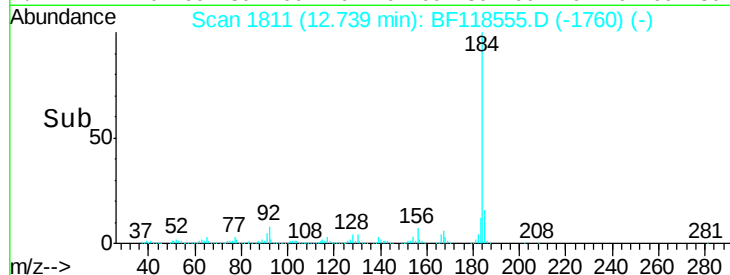
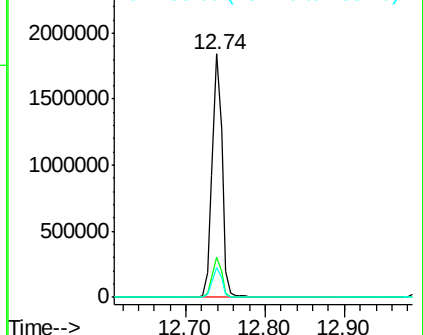


Abundance

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: 47.387 ng

RT: 12.86 min Scan# 1831

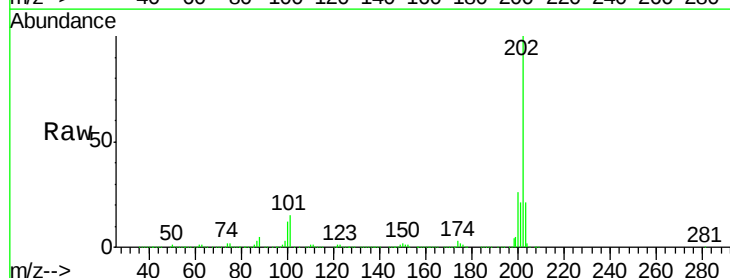
Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:202 Resp: 4110796

Ion	Ratio	Lower	Upper
202	100		
200	26.4	20.2	30.4
203	21.4	16.6	25.0

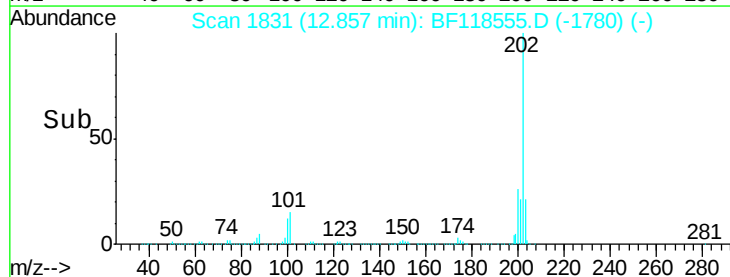
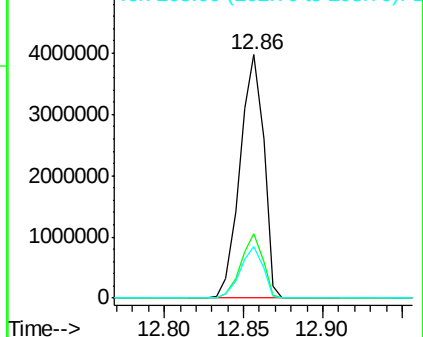


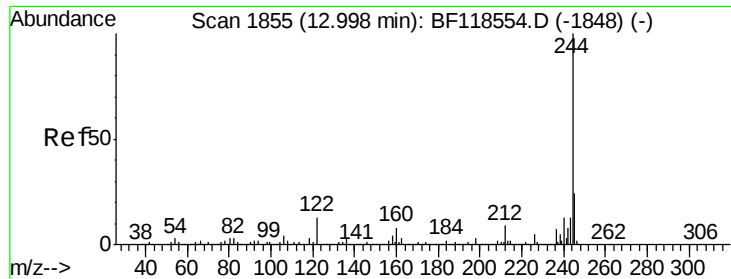
Abundance

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: 86.529 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

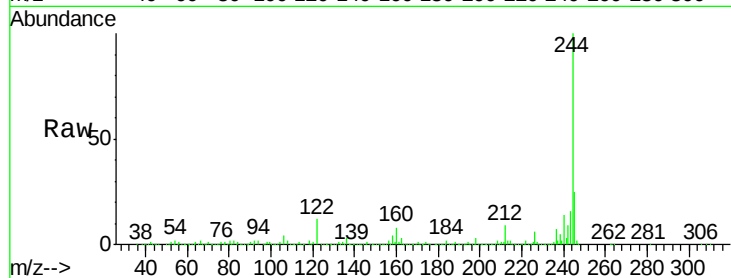
Tot Ion:244 Resp: 5360239

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

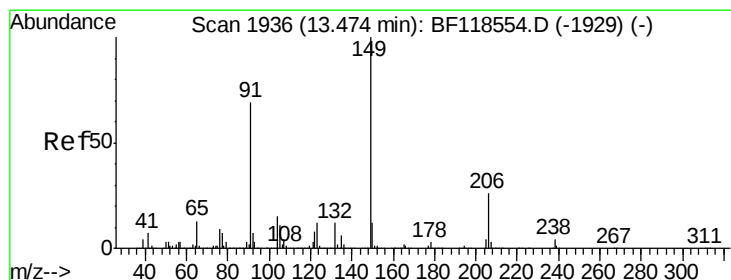
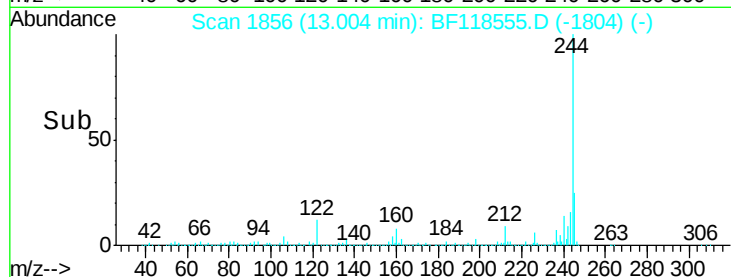
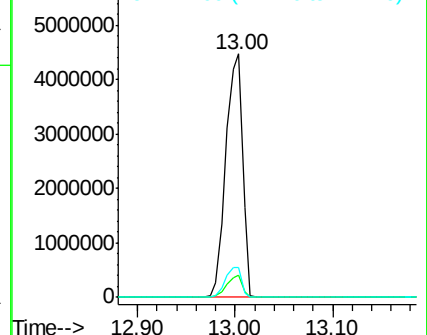
122 12.3 10.4 15.6



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: 46.548 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

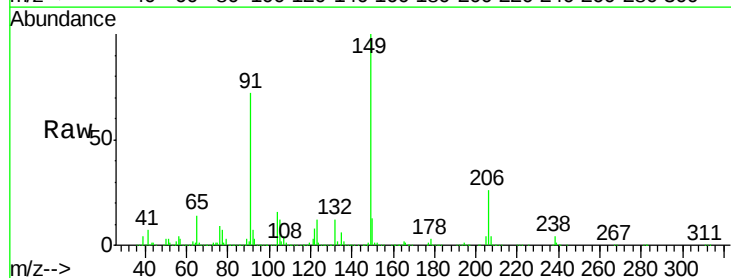
Tgt Ion:149 Resp: 1807546

Ion Ratio Lower Upper

149 100

91 71.9 55.5 83.3

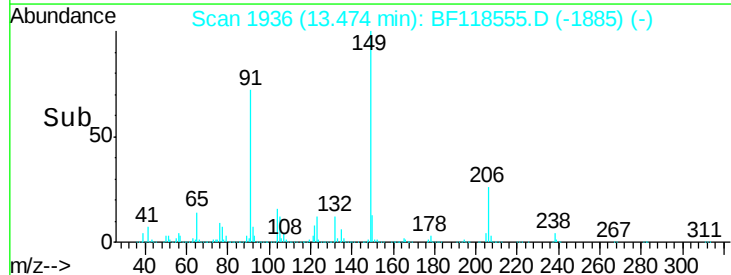
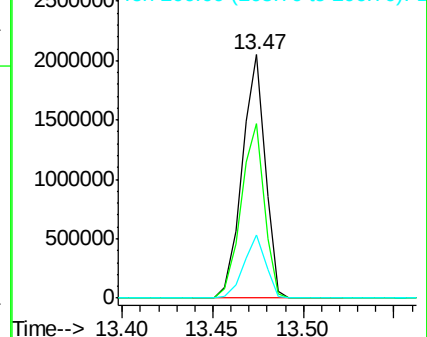
206 26.0 20.7 31.1

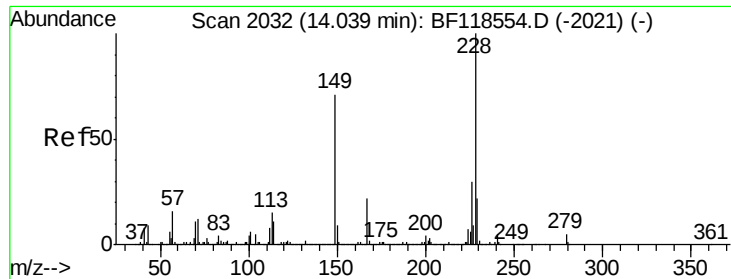


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

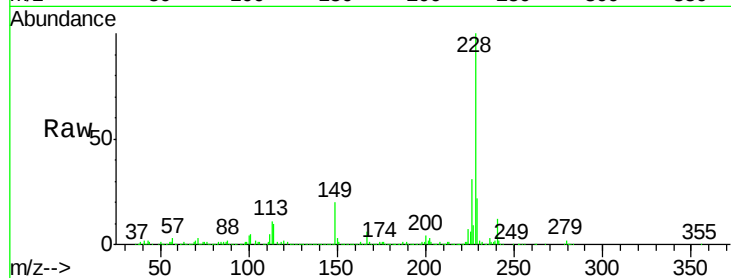




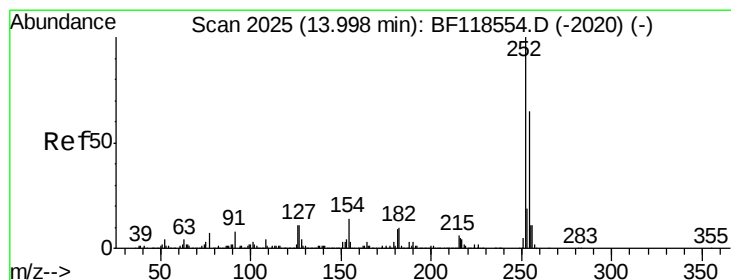
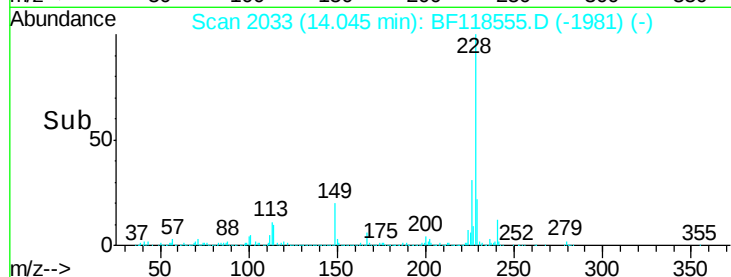
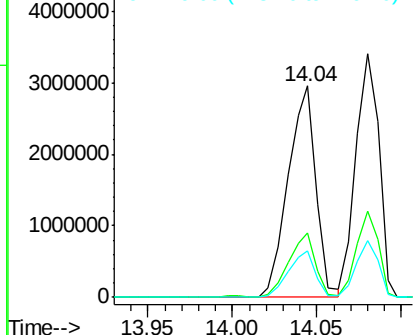
#81
Benzo(a)anthracene
Concen: 47.653 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 3391132
Ion Ratio Lower Upper
228 100
226 30.6 23.7 35.5
229 22.2 17.3 25.9

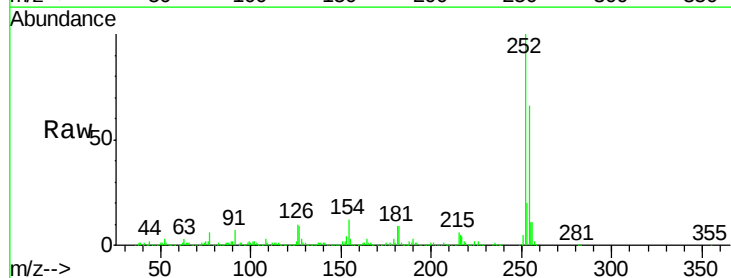


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

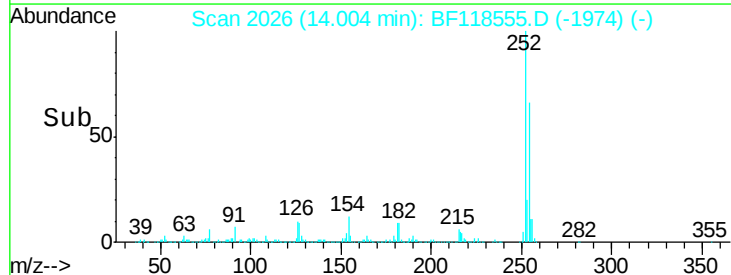
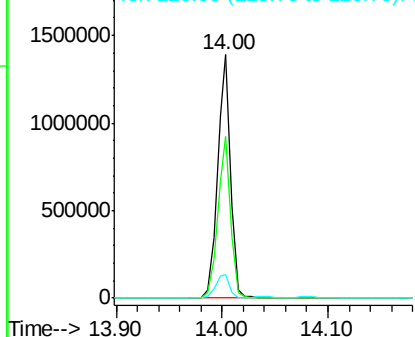


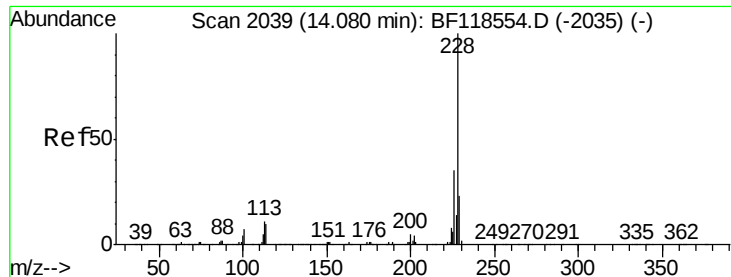
#82
3,3'-Dichlorobenzidine
Concen: 50.168 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:252 Resp: 1212165
Ion Ratio Lower Upper
252 100
254 66.3 52.0 78.0
126 9.7 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

Chrvsene

Concen: 47.519 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

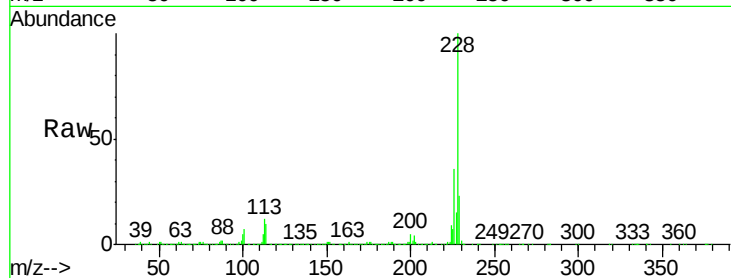
Tot Ion:228 Resp: 3241119

Ion	Ratio	Lower	Upper
228	100		
226	35.5	28.2	42.2
229	23.1	18.2	27.2

228 100

226 35.5 28.2 42.2

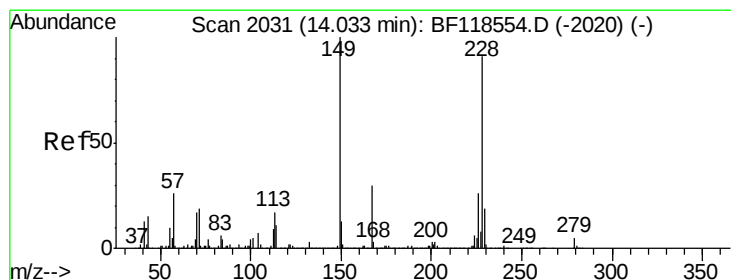
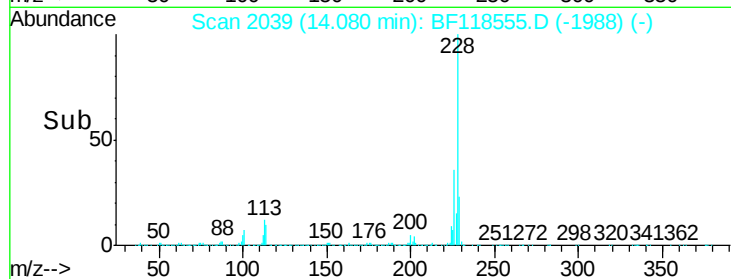
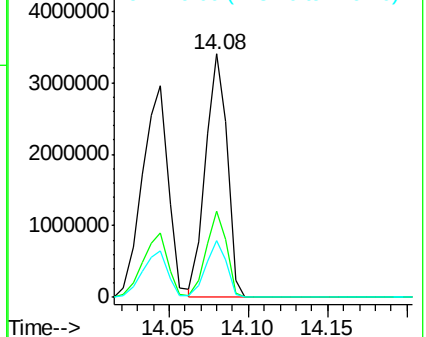
229 23.1 18.2 27.2



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: 42.459 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

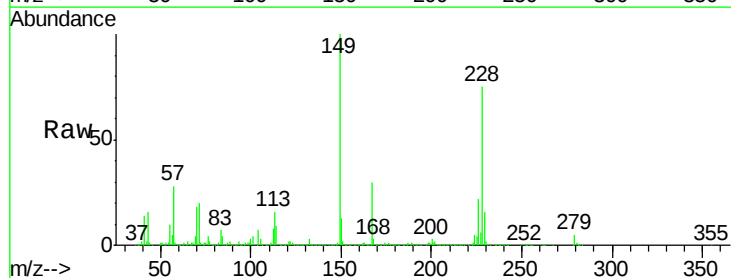
Tgt Ion:149 Resp: 2202811

Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.9	35.9
279	5.2	4.2	6.2

149 100

167 30.0 23.9 35.9

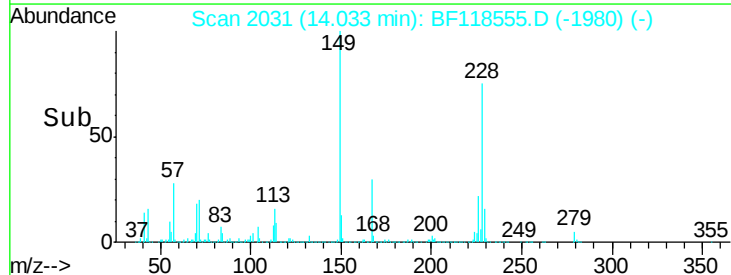
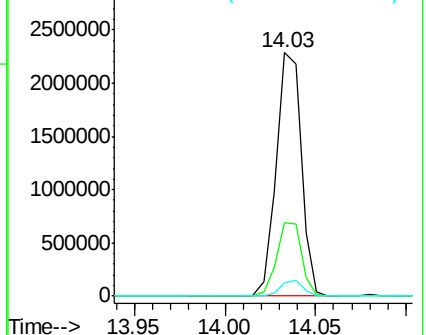
279 5.2 4.2 6.2

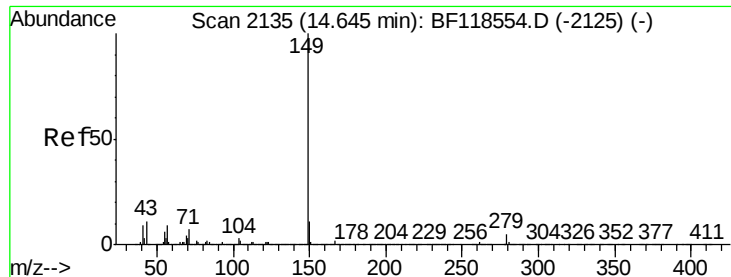


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.261 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

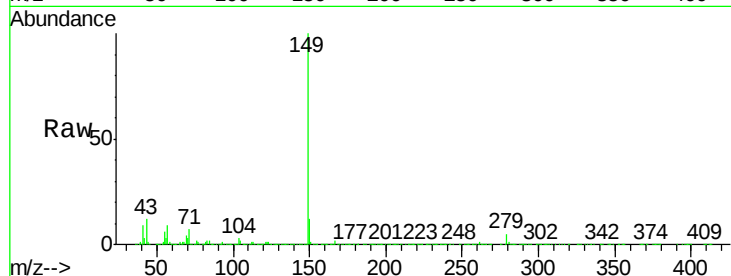
Tot Ion:149 Resp: 3358177

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

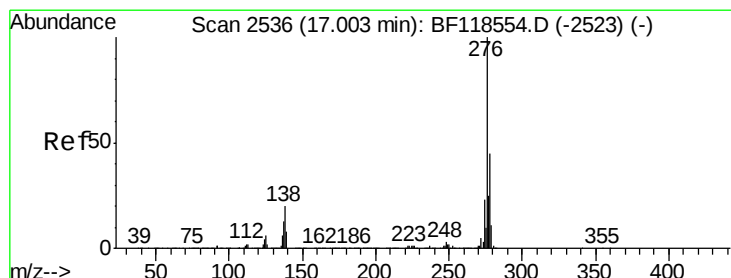
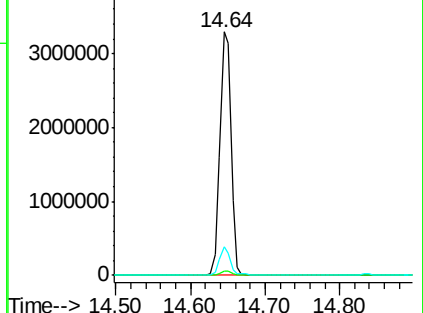
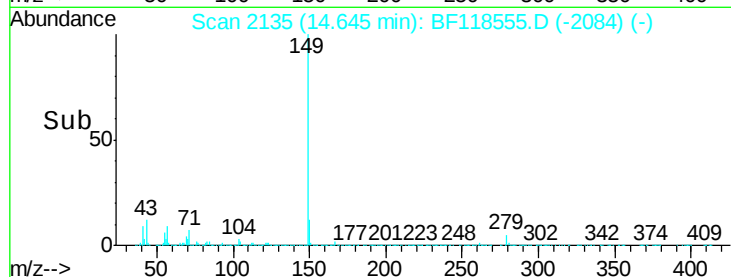
43 11.1 8.9 13.3



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: 47.685 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

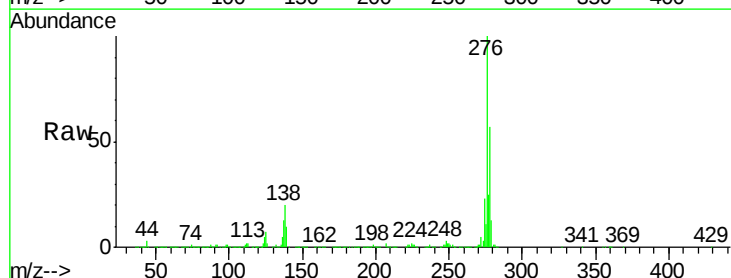
Tgt Ion:276 Resp: 3056311

Ion Ratio Lower Upper

276 100

138 21.6 17.3 25.9

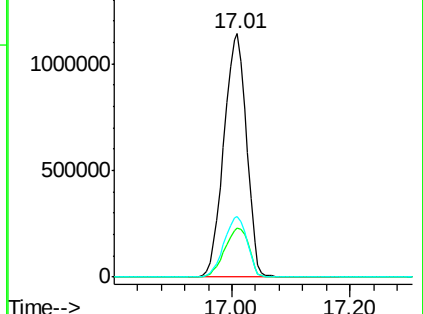
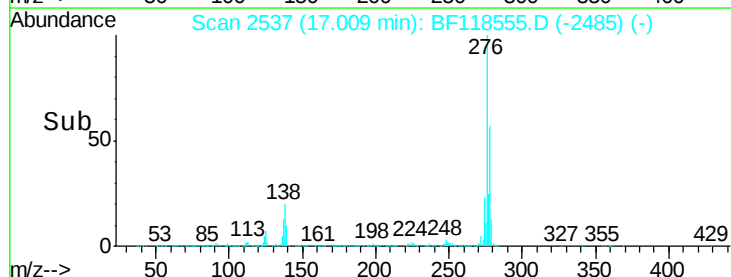
277 25.5 20.5 30.7

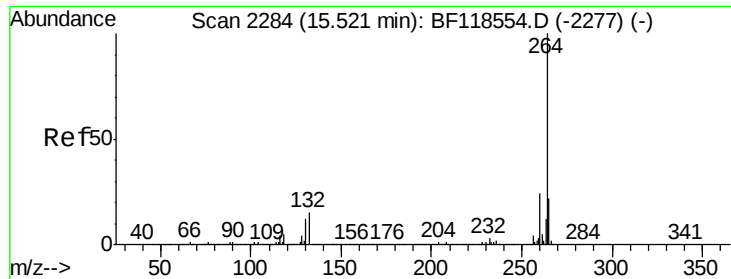


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



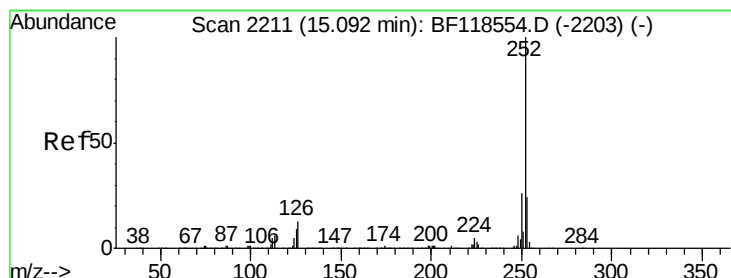
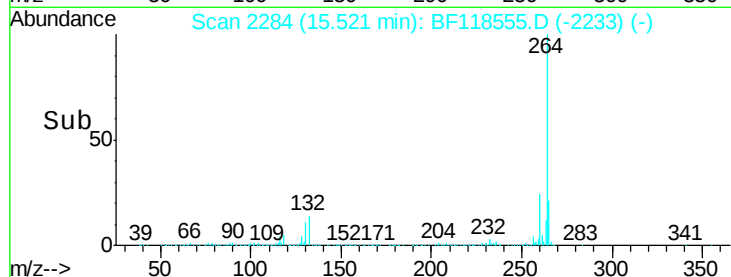
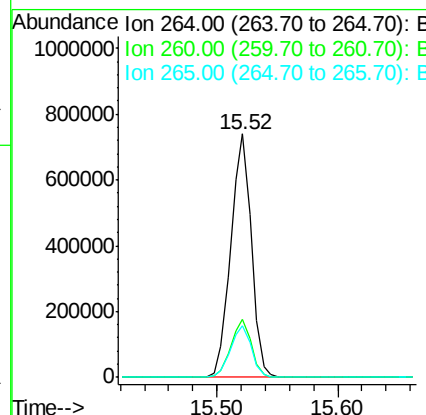
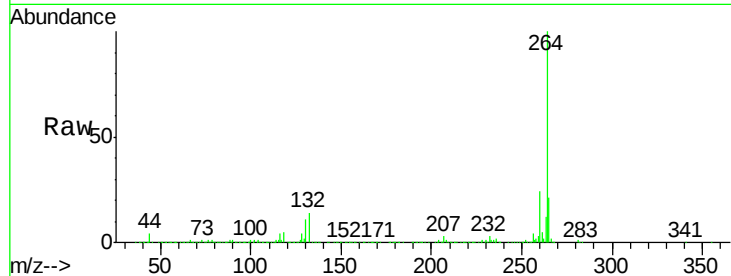


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 872902

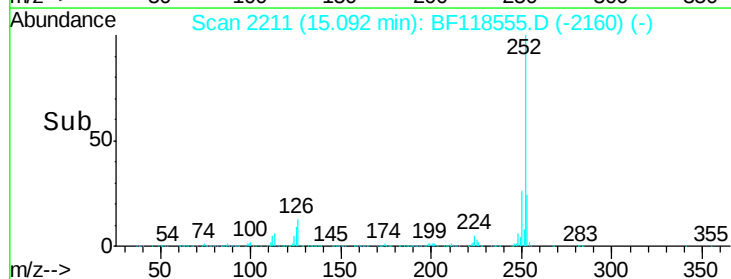
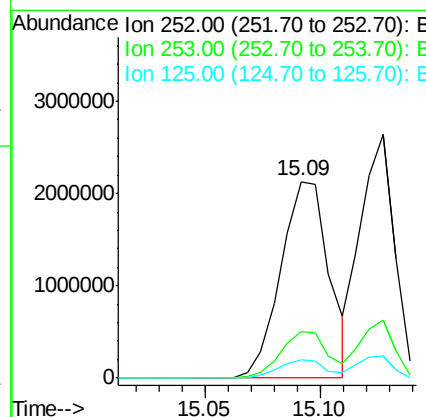
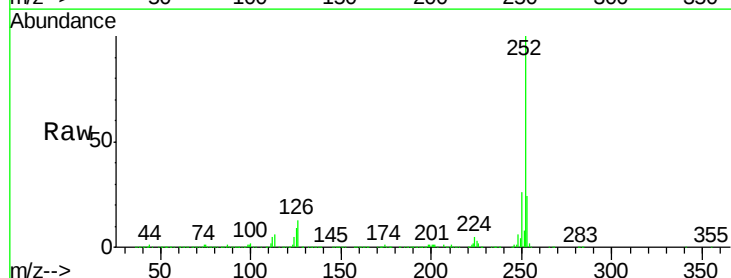
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.6	26.4

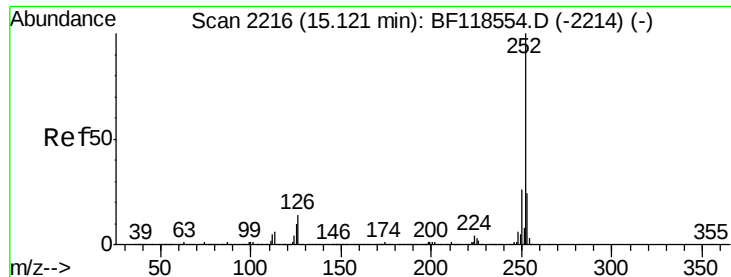


#88
Benzo(b)fluoranthene
Concen: 55.154 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:252 Resp: 3085484

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	9.3	7.5	11.3

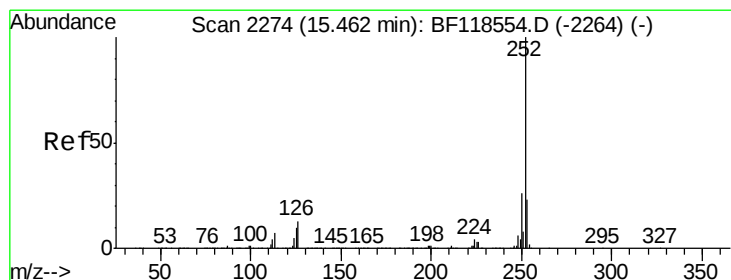
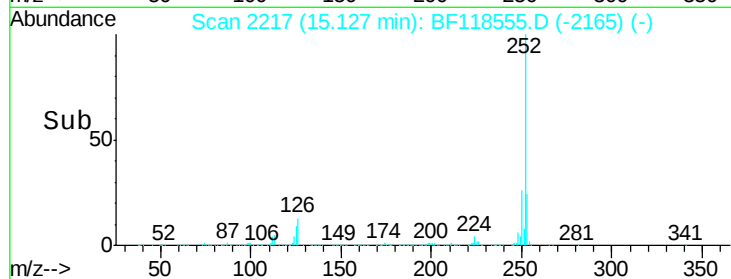
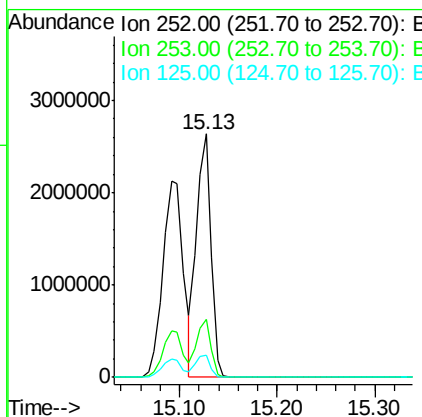
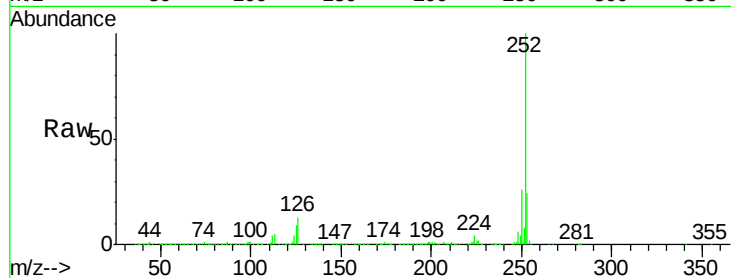




#89
Benzo(k)fluoranthene
Concen: 53.734 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

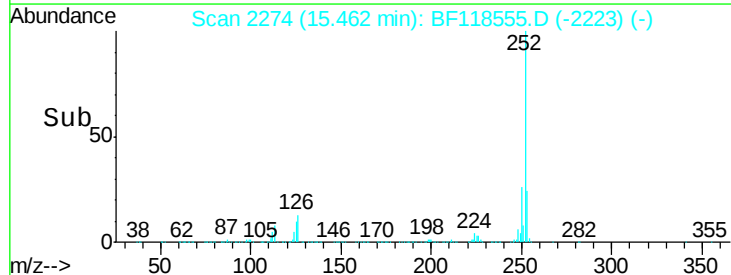
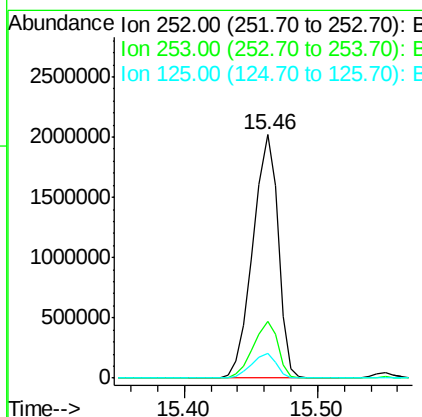
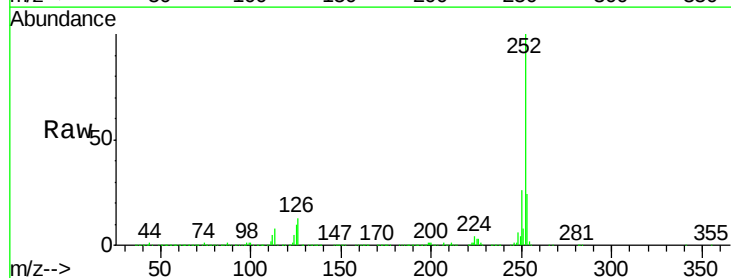
Instrument :
BNA_F
ClientSampleId :

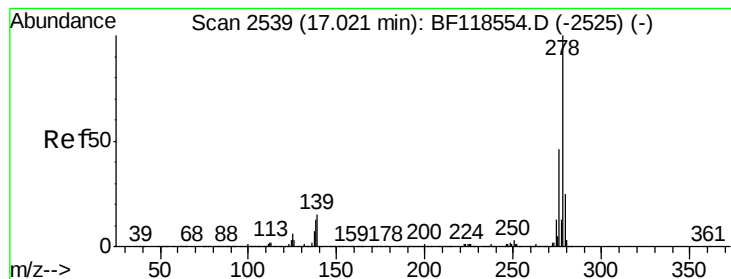
Tot Ion:252 Resp: 2722965
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.4
125 9.0 7.8 11.8



#90
Benzo(a)pyrene
Concen: 52.675 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:252 Resp: 2625946
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 10.2 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 55.518 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

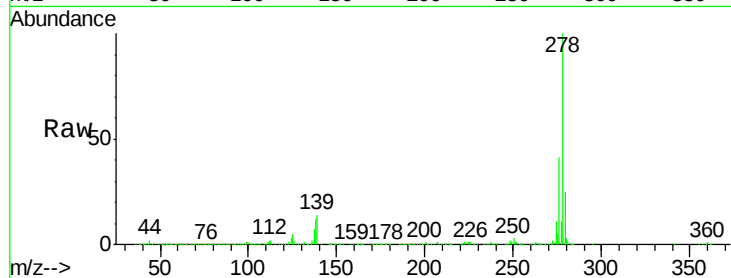
Tot Ion:278 Resp: 2513086

Ion Ratio Lower Upper

278 100

139 13.8 11.7 17.5

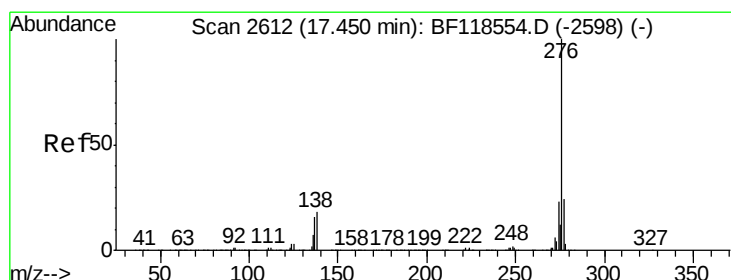
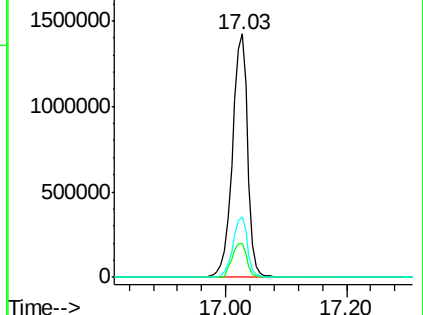
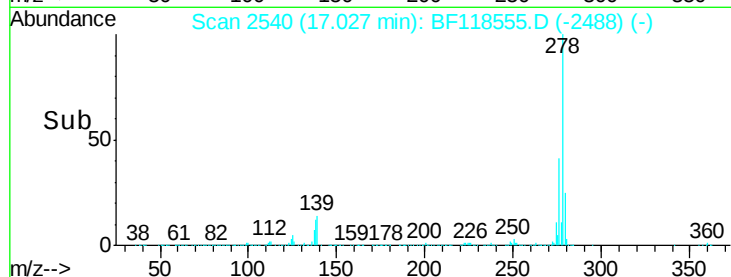
279 24.8 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.782 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

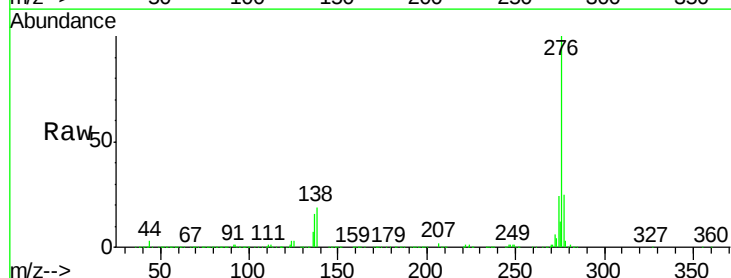
Tgt Ion:276 Resp: 2412422

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 18.8 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

