

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118268.D
 Acq On : 18 Dec 2019 19:34
 Operator : JU
 Sample : K6357-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 03:10:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106108	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	418108	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	225420	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	425686	20.00	ng	0.00
76) Chrysene-d12	14.06	240	312630	20.00	ng	0.00
87) Perylene-d12	15.55	264	301486	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	781206	128.95	ng	0.00
7) Phenol-d6	6.50	99	1002318	136.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	596190	80.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	351247	128.27	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1248141	84.25	ng	-0.01
79) Terphenyl-d14	13.00	244	1532358	84.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	93608	36.645	ng	98
3) Pyridine	3.40	79	228966	34.742	ng	98
4) n-Nitrosodimethylamine	3.35	42	122732	43.289	ng	92
6) Aniline	6.52	93	279510	29.820	ng	95
8) 2-Chlorophenol	6.65	128	322806	47.255	ng	98
9) Benzaldehyde	6.41	77	193693	57.844	ng	98
10) Phenol	6.51	94	409890	49.050	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	276796	45.798	ng	96
12) 1,3-Dichlorobenzene	6.80	146	347365	43.529	ng	95
13) 1,4-Dichlorobenzene	6.88	146	351576	43.753	ng	97
14) 1,2-Dichlorobenzene	7.03	146	336037	44.531	ng	99
15) Benzyl Alcohol	7.00	79	266362	46.567	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	314026	43.213	ng	94
17) 2-Methylphenol	7.12	107	257620	47.416	ng	99
18) Hexachloroethane	7.37	117	125425	42.360	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	202070	45.382	ng	97
20) 3+4-Methylphenols	7.27	107	327118	47.933	ng	95
22) Acetophenone	7.27	105	432233	43.030	ng	99
24) Nitrobenzene	7.45	77	313089	42.878	ng	98
25) Isophorone	7.69	82	574546	45.603	ng	100
26) 2-Nitrophenol	7.76	139	178546	45.749	ng	95
27) 2,4-Dimethylphenol	7.80	122	281234	54.023	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	357581	43.435	ng	100
29) 2,4-Dichlorophenol	8.01	162	273908	45.133	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	304119	42.880	ng	99
31) Naphthalene	8.17	128	957415	45.595	ng	99
32) Benzoic acid	7.93	122	179000	38.082	ng	99
33) 4-Chloroaniline	8.22	127	109486	12.075	ng	99
34) Hexachlorobutadiene	8.29	225	178262	41.915	ng	99
35) Caprolactam	8.59	113	50578	27.025	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	290404	45.471	ng	97
37) 2-Methylnaphthalene	8.86	142	655115	46.083	ng	100
38) 1-Methylnaphthalene	8.96	142	614210	46.015	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	290624	42.559	ng	99

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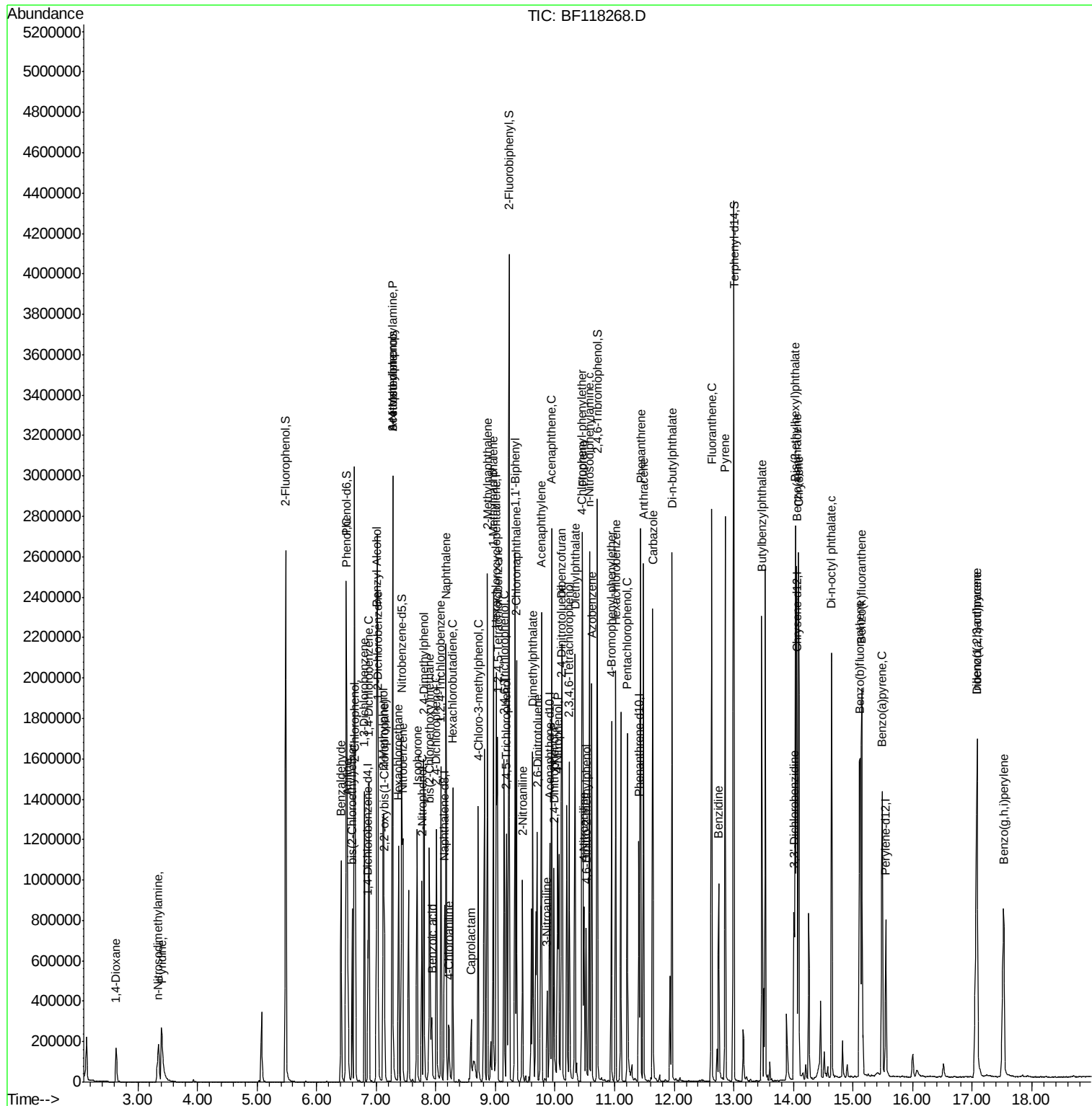
Instrument :
 BNA_F
 ClientSampleId :

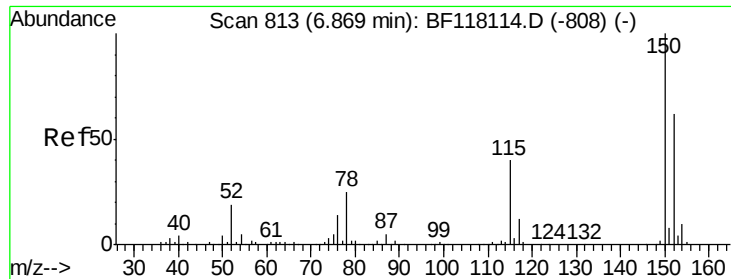
Quant Time: Dec 19 03:10:17 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	290309	94.884	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	197792	43.381	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	216501	45.832	nq	93
46) 1,1'-Biphenyl	9.33	154	788167	44.332	nq	100
47) 2-Chloronaphthalene	9.36	162	613839	42.922	nq	98
48) 2-Nitroaniline	9.45	65	167783	41.140	nq	96
49) Acenaphthylene	9.77	152	966085	45.800	nq	99
50) Dimethylphthalate	9.63	163	847007	50.870	nq	98
51) 2,6-Dinitrotoluene	9.70	165	164645	45.475	nq	94
52) Acenaphthene	9.95	154	565168	43.897	nq	98
53) 3-Nitroaniline	9.87	138	83482	19.593	nq	95
54) 2,4-Dinitrophenol	9.98	184	150969	83.812	nq	99
55) Dibenzofuran	10.12	168	863843	45.791	nq	98
56) 4-Nitrophenol	10.05	139	251948	85.205	nq	93
57) 2,4-Dinitrotoluene	10.10	165	222835	46.112	nq	97
58) Fluorene	10.46	166	688389	45.917	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	179486	46.055	nq	98
60) Diethylphthalate	10.33	149	754992	46.022	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	342706	45.432	nq	97
62) 4-Nitroaniline	10.49	138	179534	40.400	nq	97
63) Azobenzene	10.62	77	645562	46.097	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	113010	48.072	nq	91
66) n-Nitrosodiphenylamine	10.57	169	615968	46.336	nq	100
67) 4-Bromophenyl-phenylether	10.95	248	212446	43.720	nq	95
68) Hexachlorobenzene	11.02	284	244998	42.836	nq	97
69) Atrazine	11.10	200	212058	Below Cal		97
70) Pentachlorophenol	11.22	266	236727	88.012	nq	99
71) Phenanthrene	11.43	178	1026391	45.357	nq	99
72) Anthracene	11.49	178	1076714	47.697	nq	100
73) Carbazole	11.64	167	934770	46.153	nq	99
74) Di-n-butylphthalate	11.96	149	1203759	47.489	nq	100
75) Fluoranthene	12.63	202	1068382	46.178	nq	99
77) Benzidine	12.75	184	377109	45.821	nq	98
78) Pyrene	12.86	202	1068994	43.390	nq	100
80) Butylbenzylphthalate	13.47	149	508916	45.612	nq	98
81) Benzo(a)anthracene	14.05	228	939019	43.438	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	181481	25.562	nq	97
83) Chrysene	14.09	228	902515	43.706	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	723143	49.152	nq	# 99
85) Di-n-octyl phthalate	14.65	149	1138857	51.100	nq	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	915279	52.679	nq	99
88) Benzo(b)fluoranthene	15.12	252	852193	42.739	nq	97
89) Benzo(k)fluoranthene	15.15	252	809975	42.285	nq	99
90) Benzo(a)pyrene	15.49	252	752199	42.714	nq	98
91) Dibenzo(a,h)anthracene	17.08	278	770503	51.012	nq	98
92) Benzo(g,h,i)perylene	17.53	276	778559	53.640	nq	98

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

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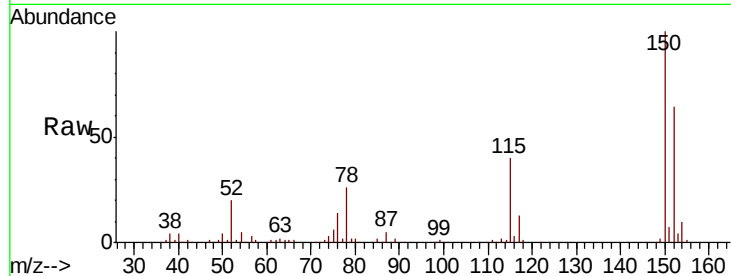


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.3	192.5
115	63.0	51.1	76.7

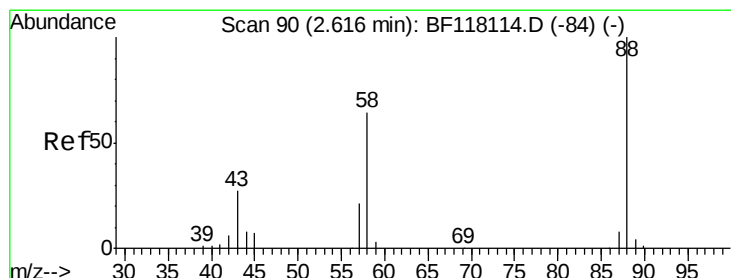
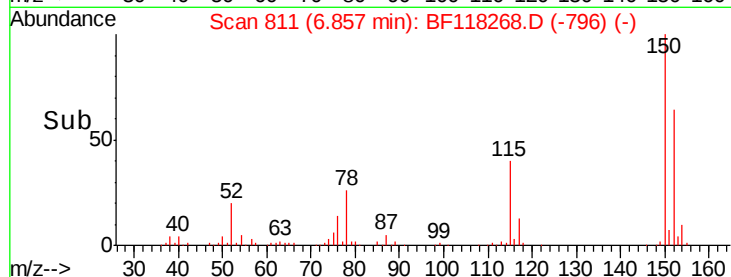
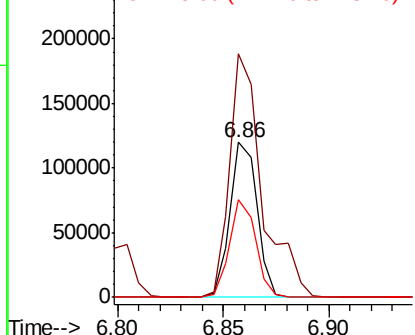


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

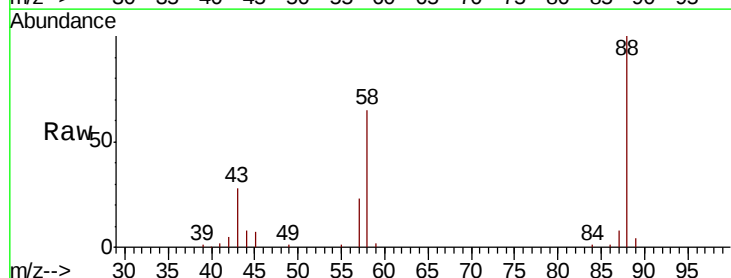
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.645 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.02 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	52.2	78.4
43	28.0	21.4	32.2

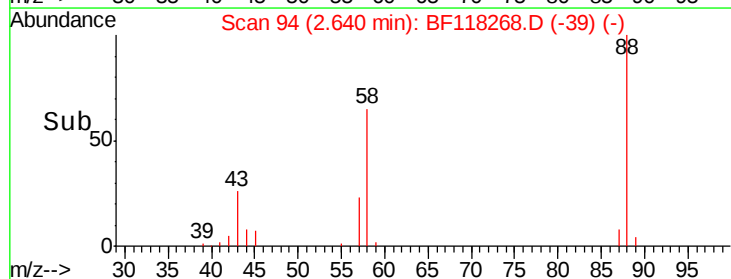
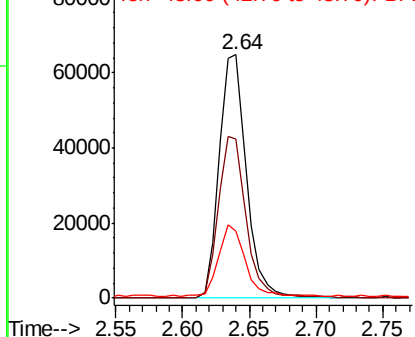


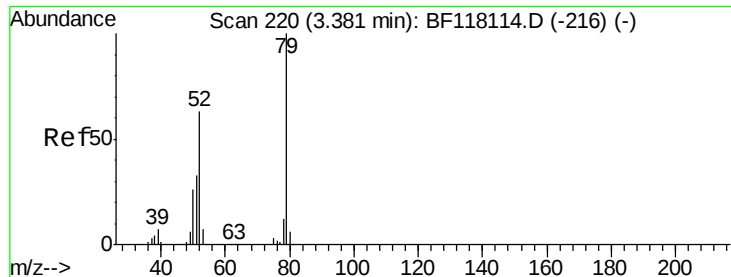
Abundance

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: 34.742 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.02 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

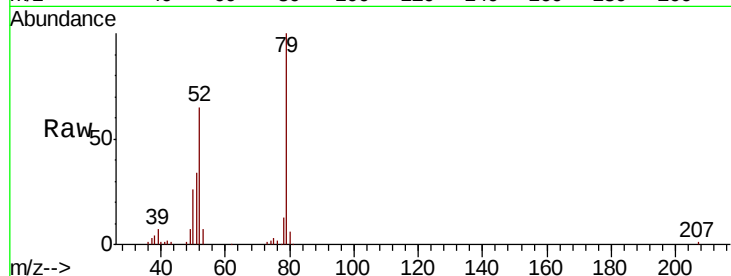
Tot Ion: 79 Resp: 228966

Ion Ratio Lower Upper

79 100

52 64.7 50.7 76.1

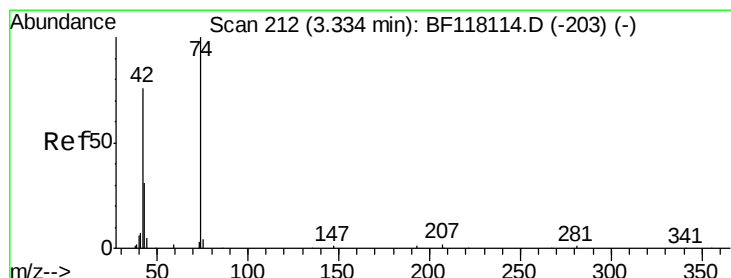
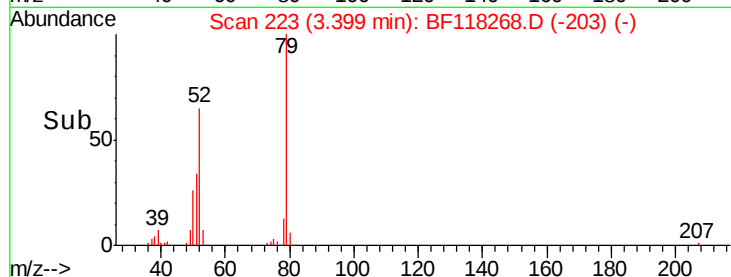
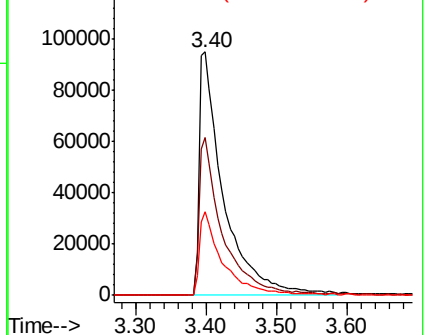
51 34.3 26.4 39.6



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: 43.289 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

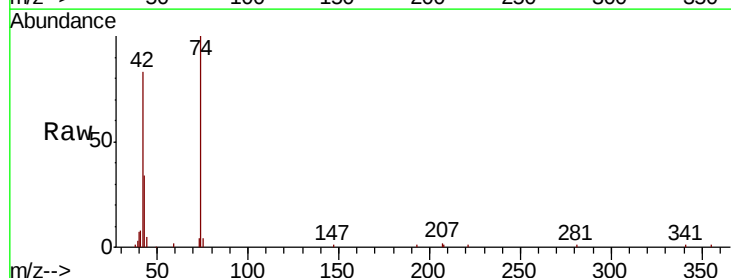
Tgt Ion: 42 Resp: 122732

Ion Ratio Lower Upper

42 100

74 121.2 104.6 157.0

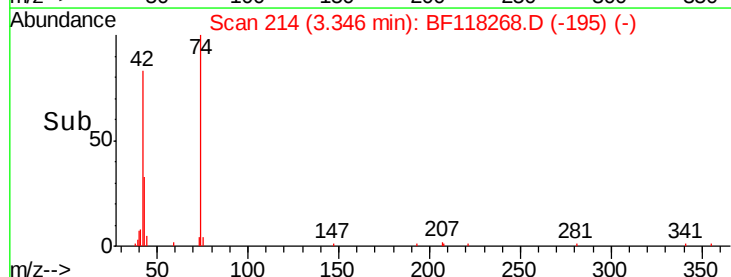
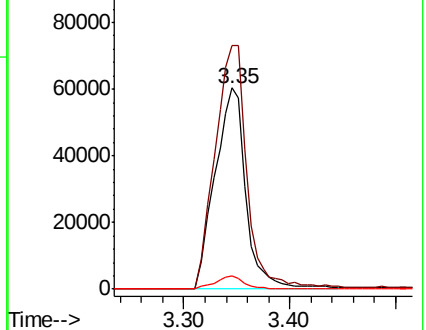
44 6.3 5.1 7.7



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: 128.949 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampled :

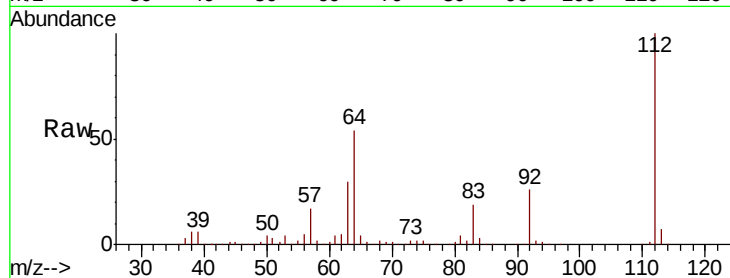
Tot Ion: 112 Resp: 781206

Ion Ratio Lower Upper

112 100

64 54.1 41.3 61.9

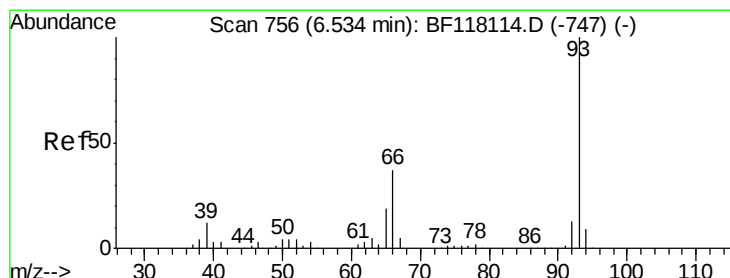
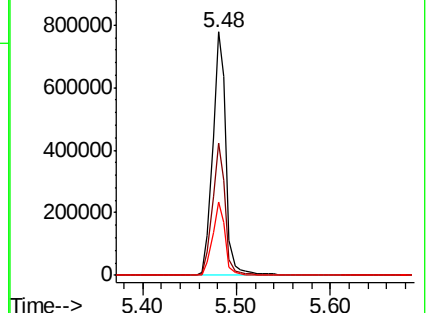
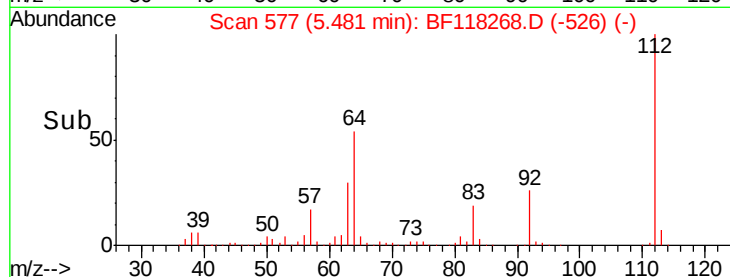
63 29.9 22.4 33.6



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: 29.820 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

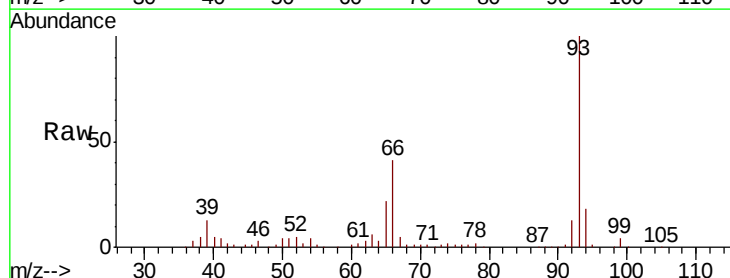
Tgt Ion: 93 Resp: 279510

Ion Ratio Lower Upper

93 100

66 40.6 30.2 45.2

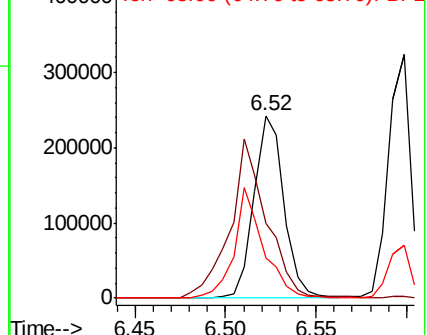
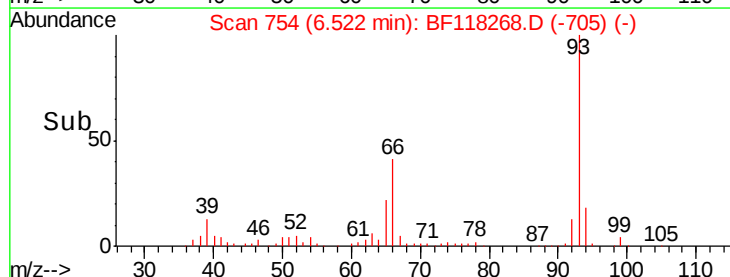
65 21.9 15.5 23.3

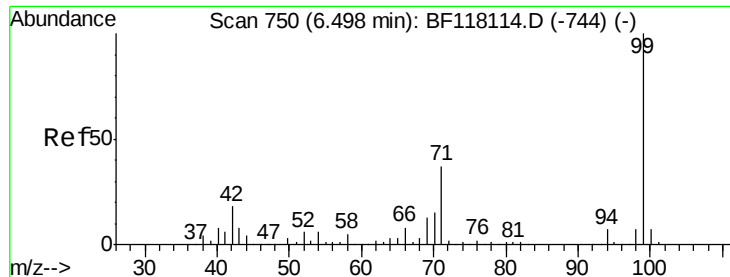


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.786 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampled :

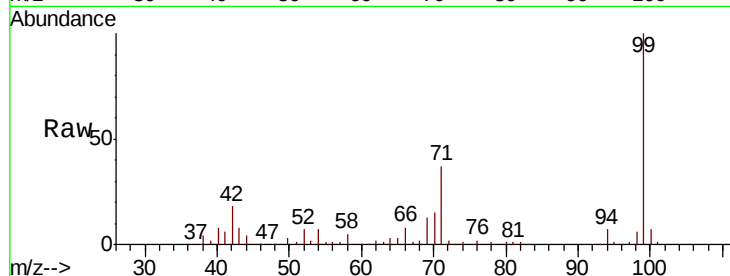
Tot Ion: 99 Resp: 1002318

Ion Ratio Lower Upper

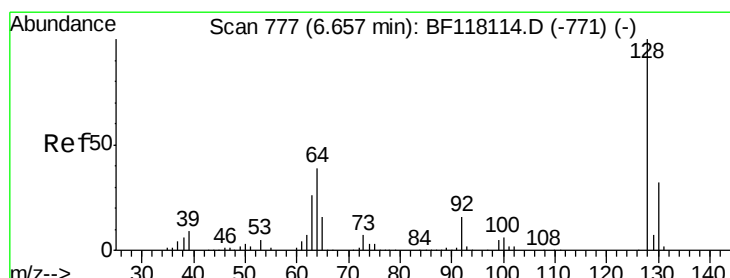
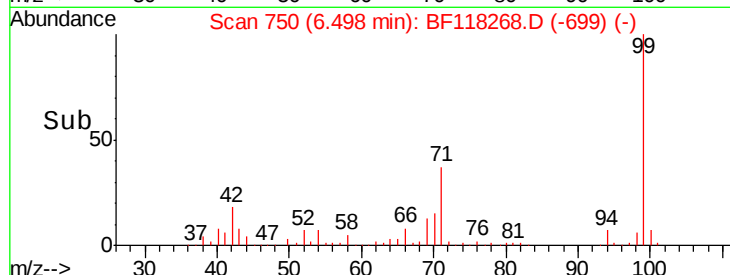
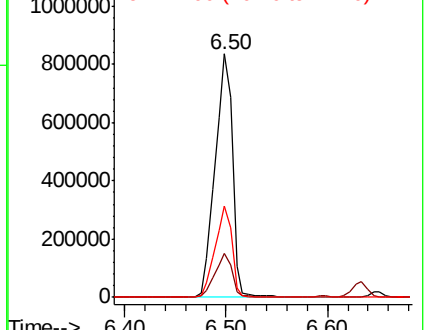
99 100

42 18.0 14.1 21.1

71 37.4 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.255 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

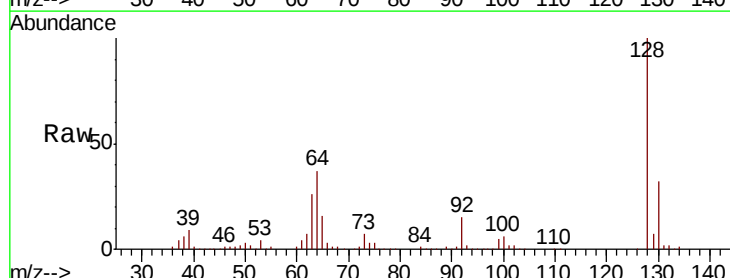
Tgt Ion: 128 Resp: 322806

Ion Ratio Lower Upper

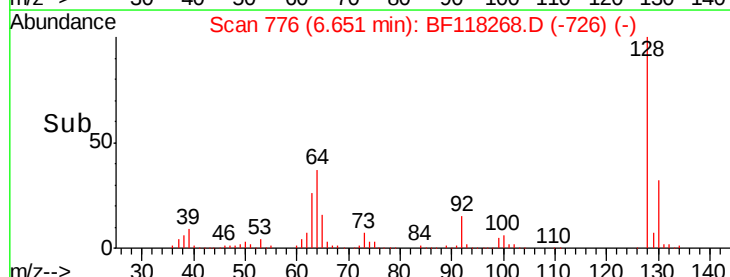
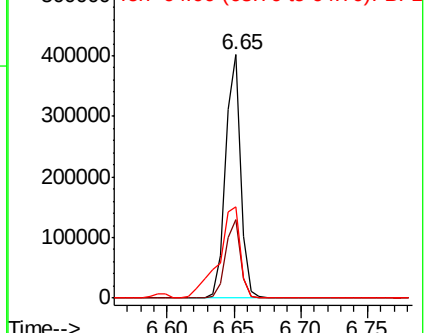
128 100

130 32.4 12.1 52.1

64 37.3 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 57.844 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

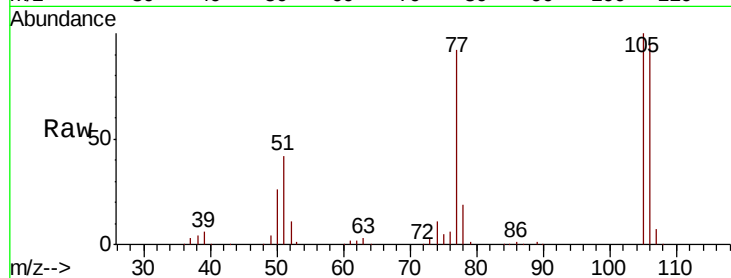
Tot Ion: 77 Resp: 193693

Ion Ratio Lower Upper

77 100

105 109.3 86.4 126.4

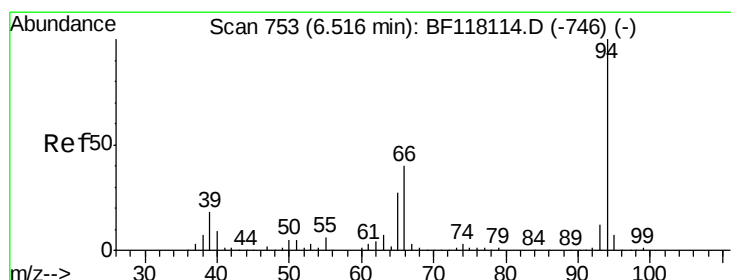
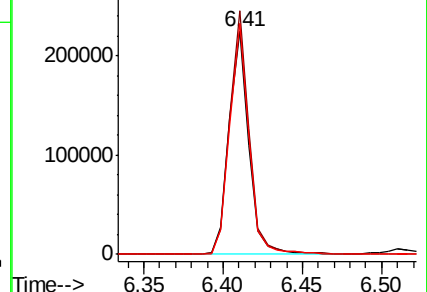
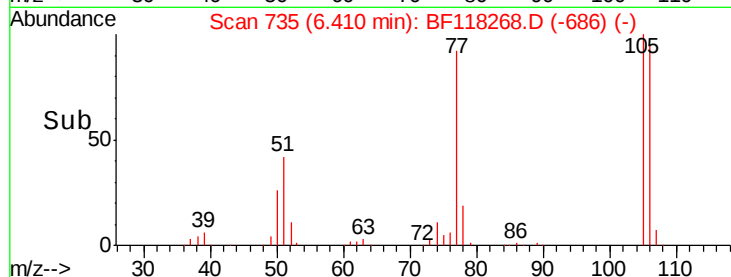
106 103.4 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 49.050 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

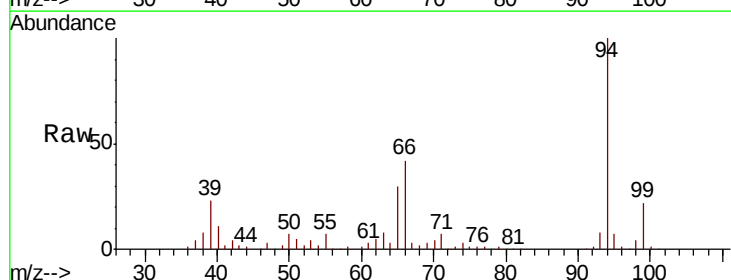
Tgt Ion: 94 Resp: 409890

Ion Ratio Lower Upper

94 100

65 29.7 7.3 47.3

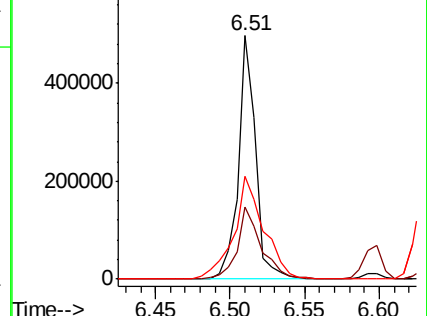
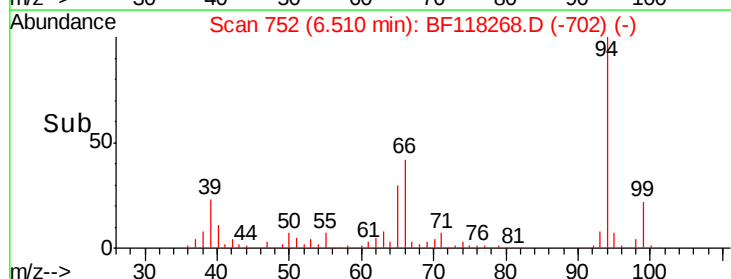
66 42.4 20.2 60.2

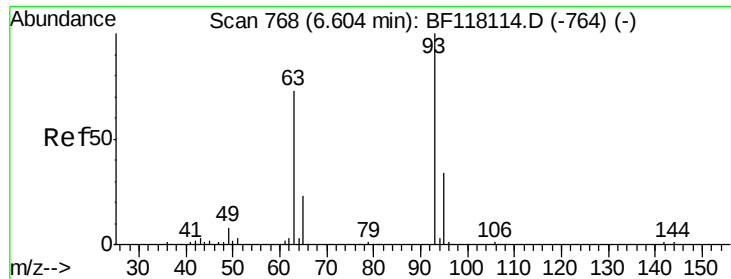


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

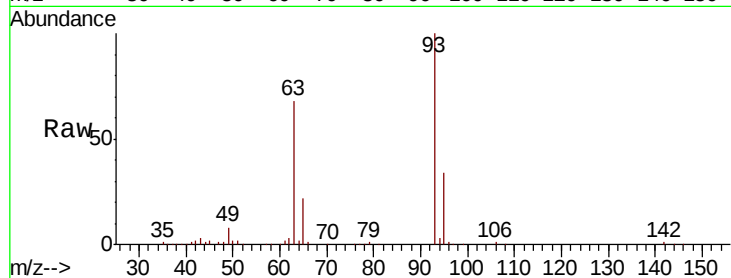




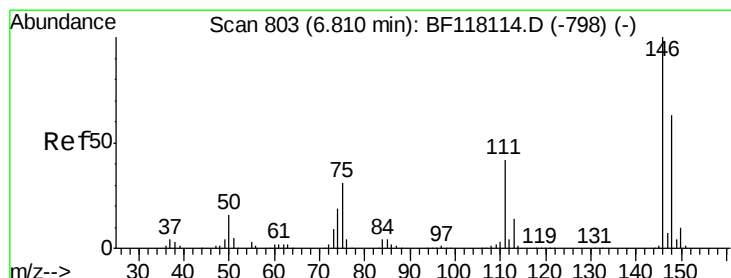
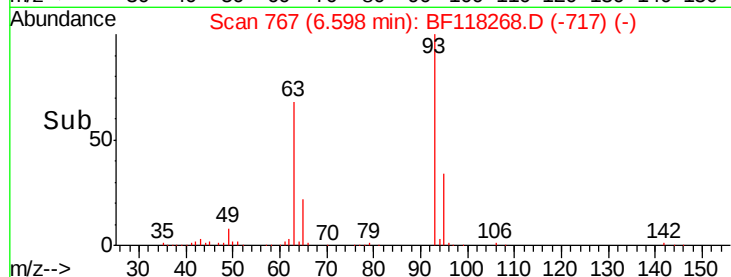
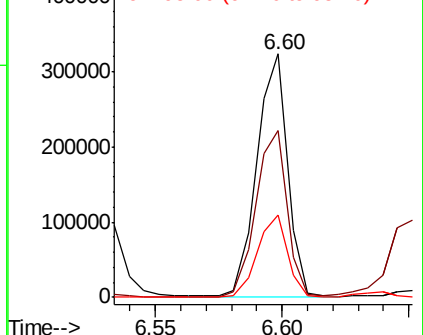
#11
bis(2-Chloroethyl)ether
Concen: 45.798 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 276796
Ion Ratio Lower Upper
93 100
63 68.3 53.2 93.2
95 33.6 13.8 53.8

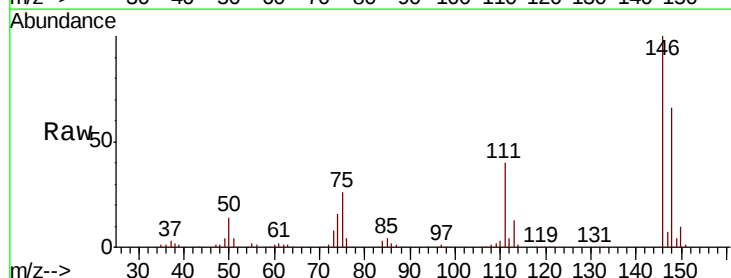


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

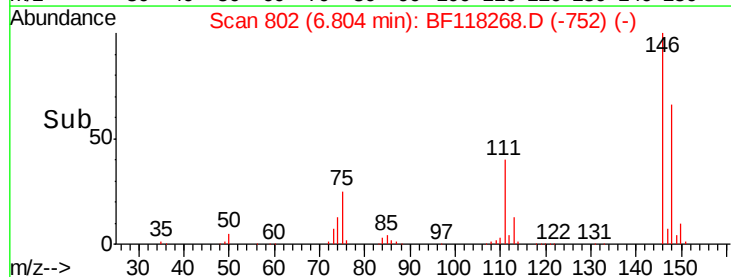
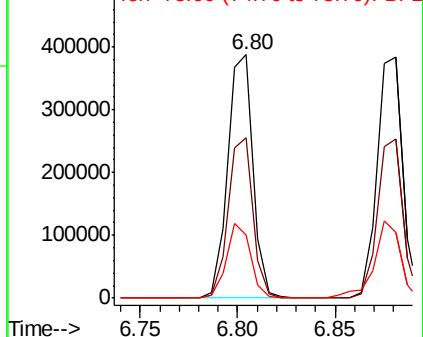


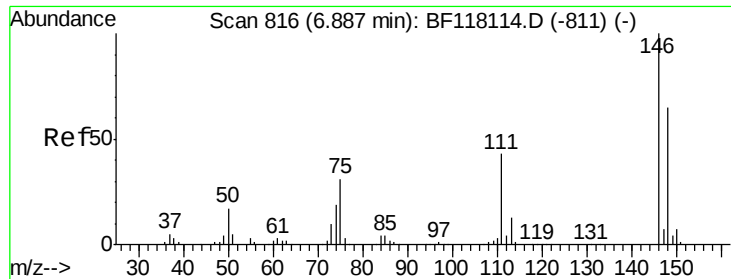
#12
1,3-Dichlorobenzene
Concen: 43.529 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion: 146 Resp: 347365
Ion Ratio Lower Upper
146 100
148 65.9 50.2 75.4
75 26.2 24.6 37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

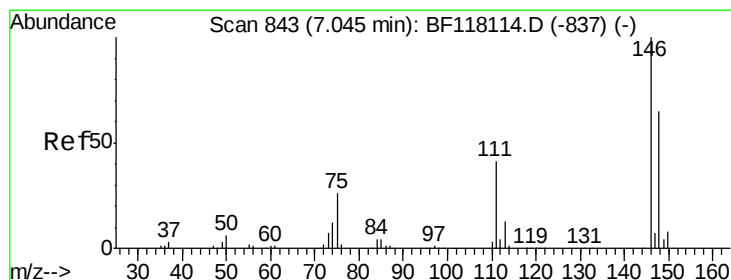
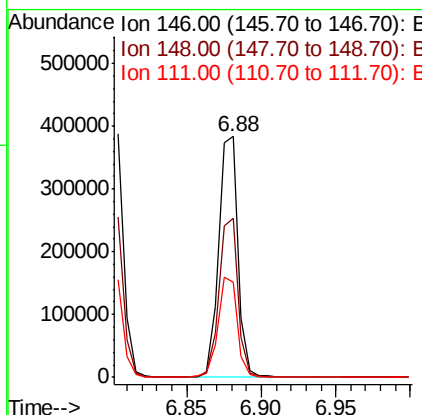
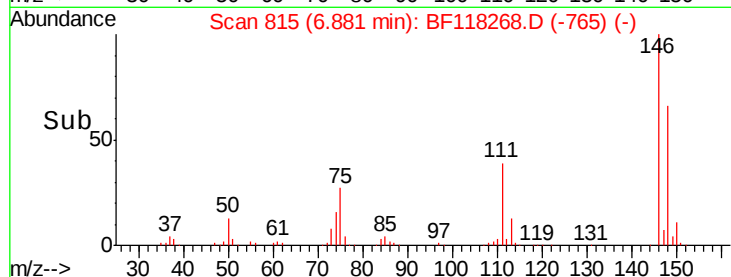
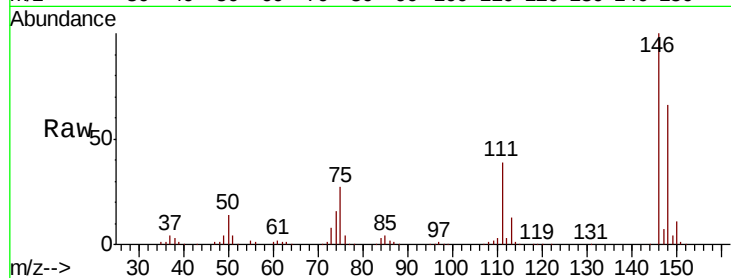




#13
 1,4-Dichlorobenzene
 Concen: 43.753 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

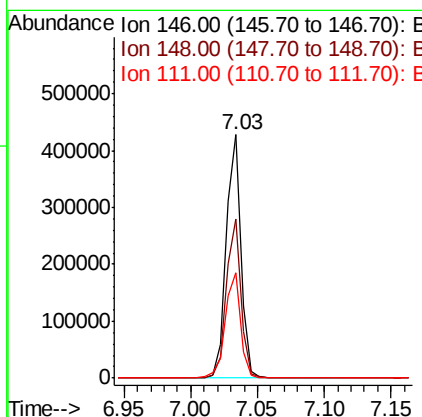
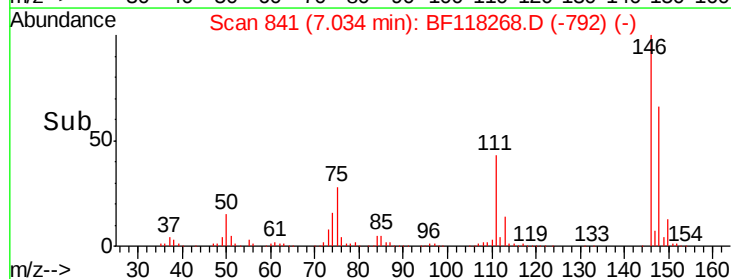
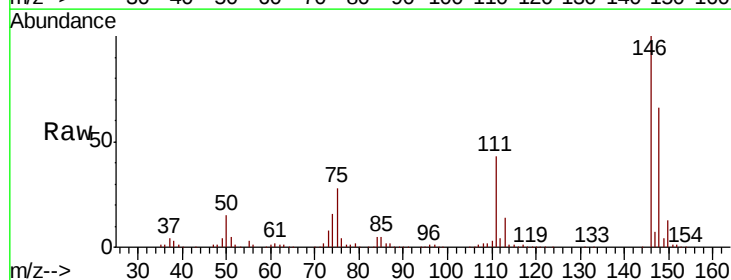
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 351576
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.1 78.1
 111 39.4 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 44.531 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion:146 Resp: 336037
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 43.3 33.1 49.7





#15

Benzyl Alcohol

Concen: 46.567 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

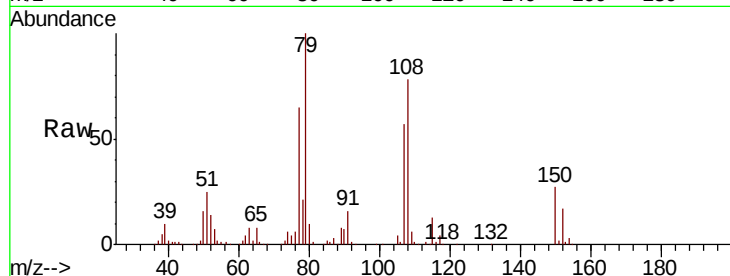
Tot Ion: 79 Resp: 266362

Ion Ratio Lower Upper

79 100

108 78.2 62.7 94.1

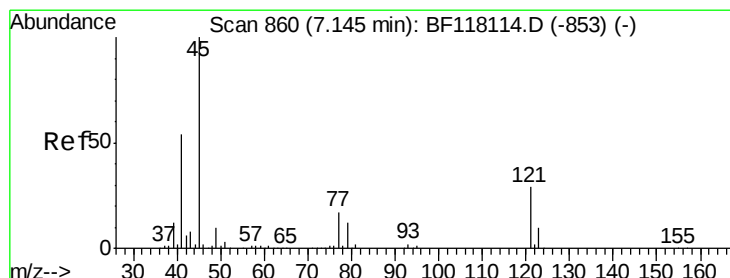
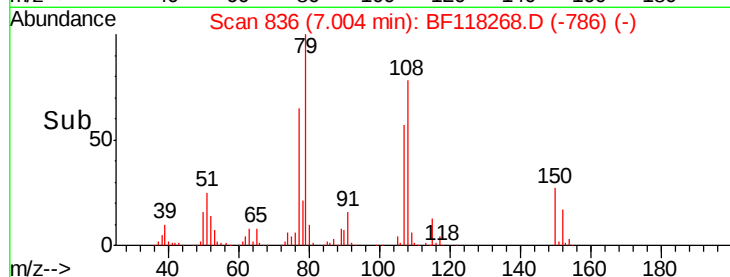
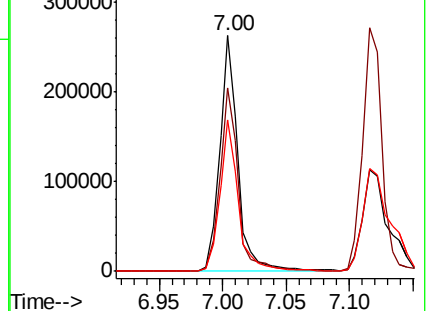
77 64.6 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.213 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

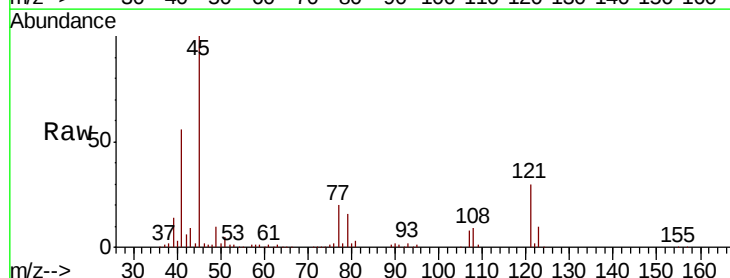
Tgt Ion: 45 Resp: 314026

Ion Ratio Lower Upper

45 100

77 20.0 0.0 38.0

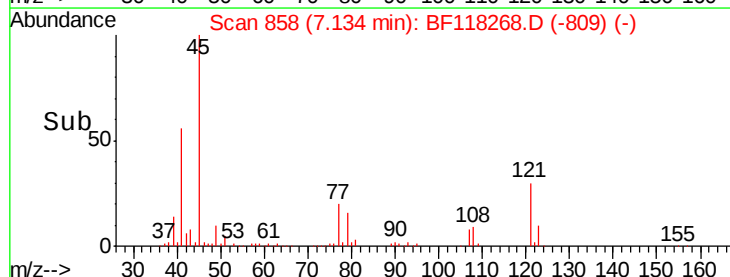
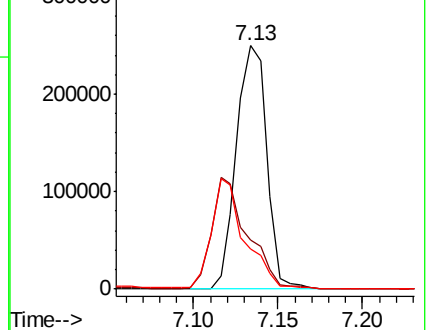
79 16.3 0.0 33.2

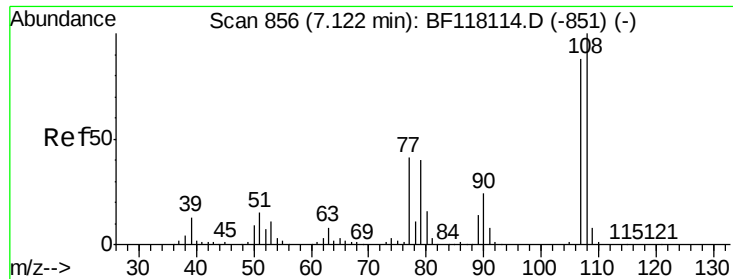


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

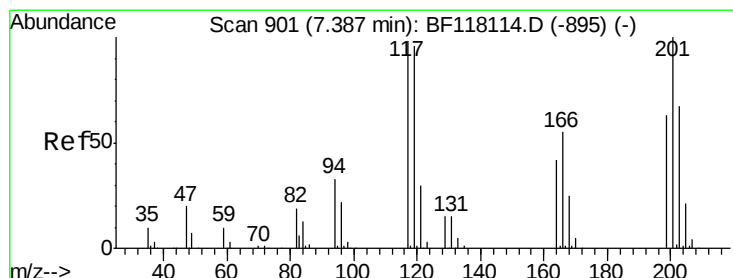
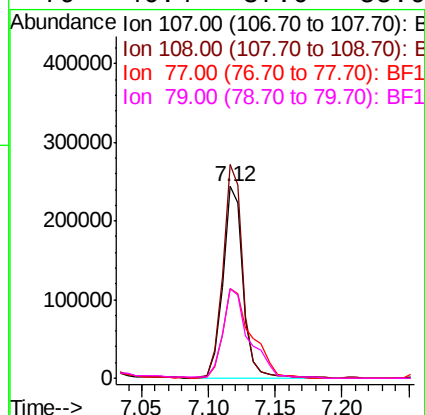
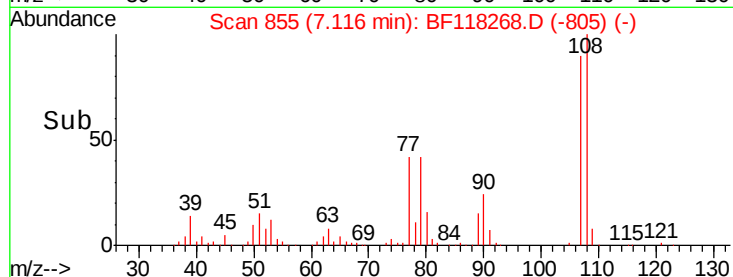
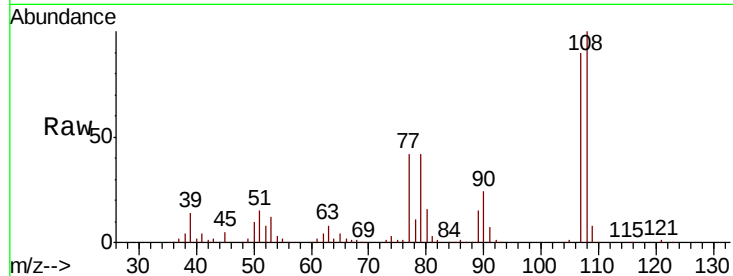




#17
2-Methylphenol
Concen: 47.416 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

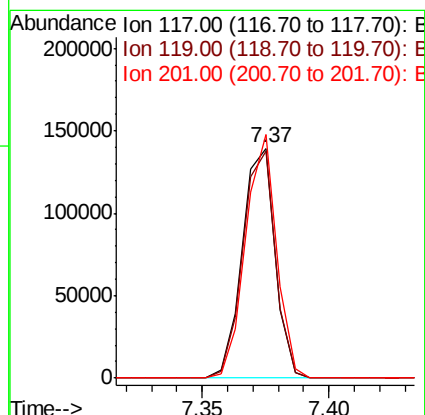
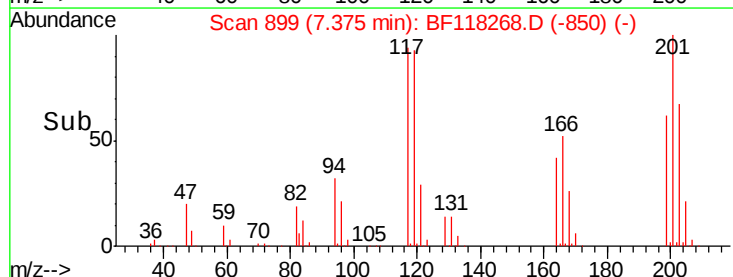
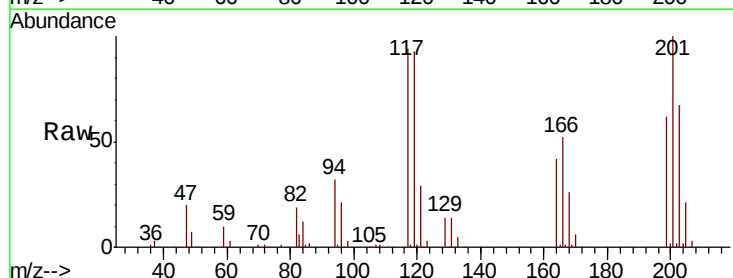
Instrument :
BNA_F
ClientSampleId :

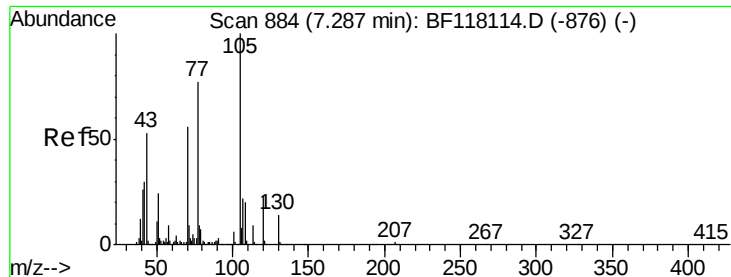
Tot Ion:	107	Resp:	257620
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.1	136.7
77	46.9	37.8	56.6
79	46.4	37.0	55.6



#18
Hexachloroethane
Concen: 42.360 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:	117	Resp:	125425
Ion	Ratio	Lower	Upper
117	100		
119	99.0	78.2	117.4
201	105.9	81.6	122.4

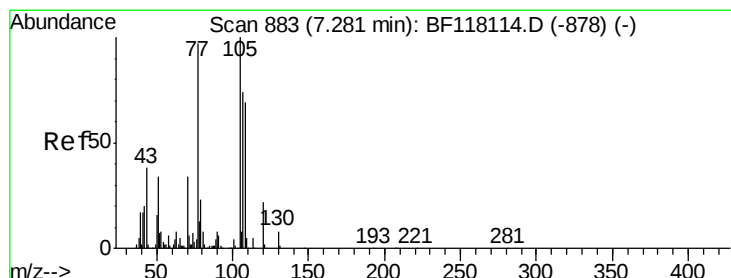
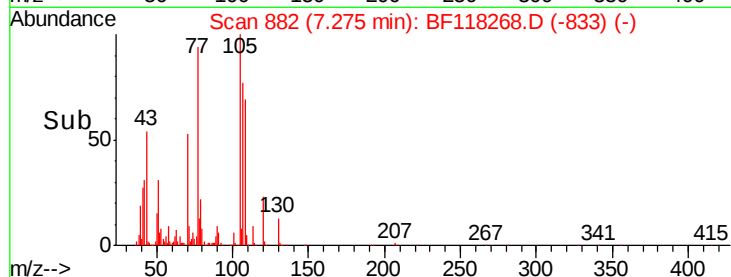
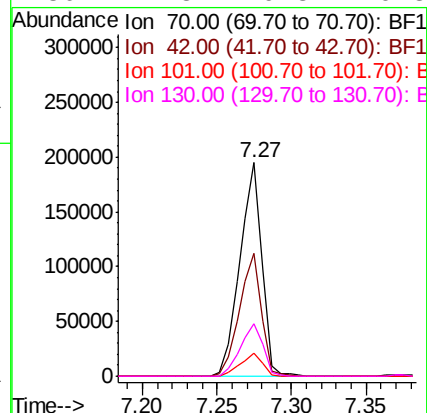
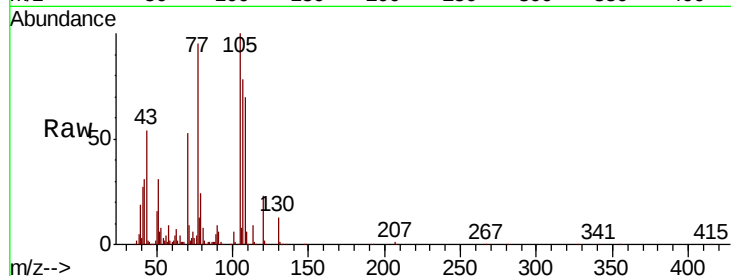




#19
n-Nitroso-di-n-propylamine
Concen: 45.382 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

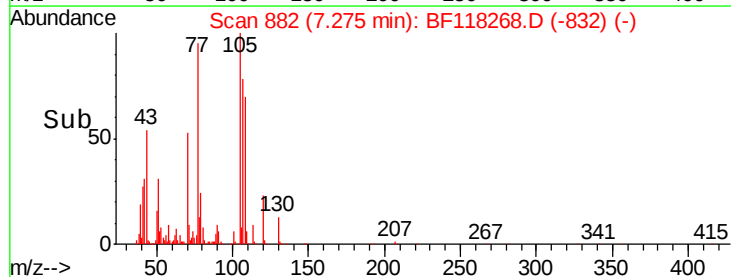
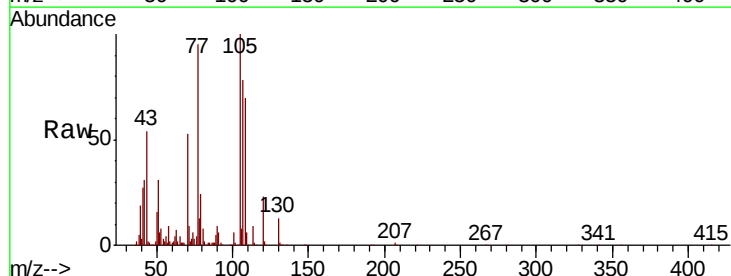
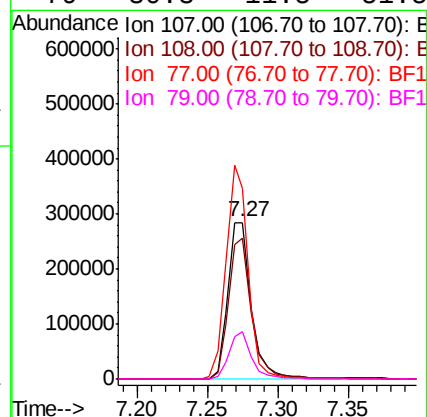
Instrument :
BNA_F
ClientSampleId :

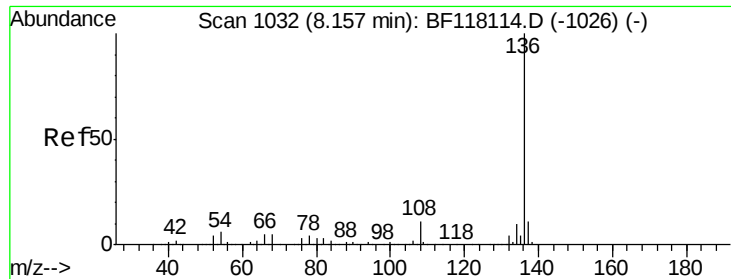
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	43.2	64.8	
101	10.9	8.1	12.1	
130	24.8	19.8	29.8	



#20
3+4-Methylphenols
Concen: 47.933 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	73.2	113.2	
77	121.9	110.9	150.9	
79	30.3	11.5	51.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418108

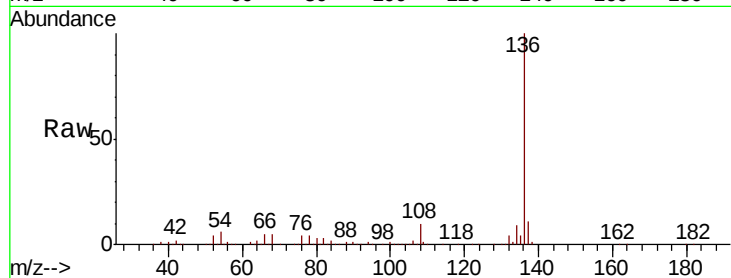
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 6.4 5.0 7.6

68 4.7 3.8 5.8

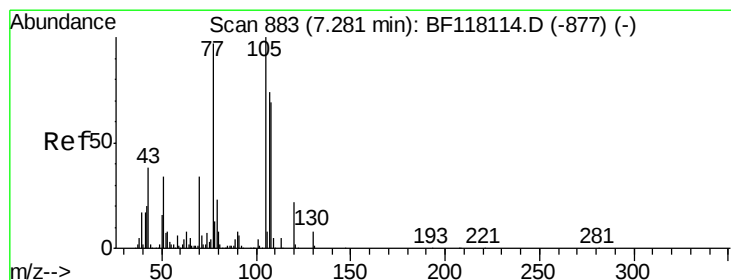
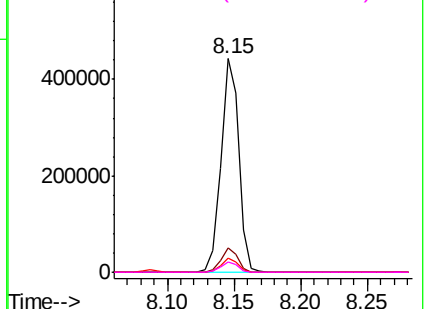
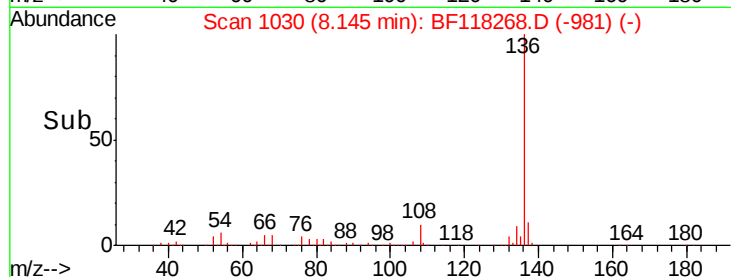


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.030 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:105 Resp: 432233

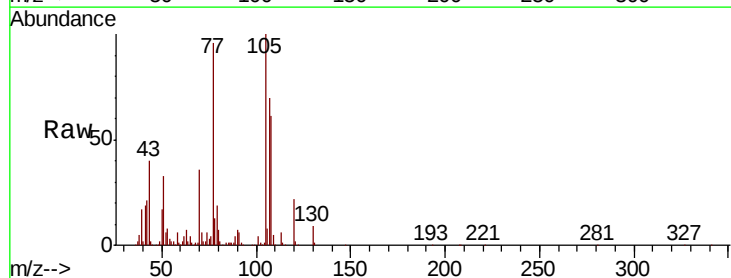
Ion Ratio Lower Upper

105 100

71 6.0 4.7 7.1

51 32.9 27.1 40.7

120 21.9 17.8 26.6

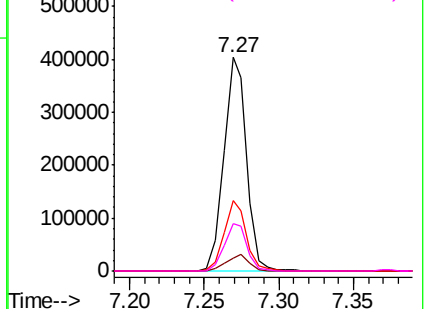
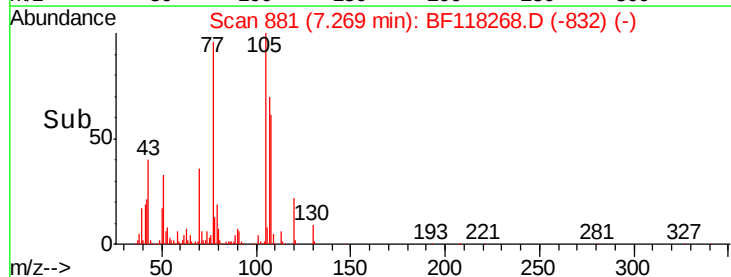


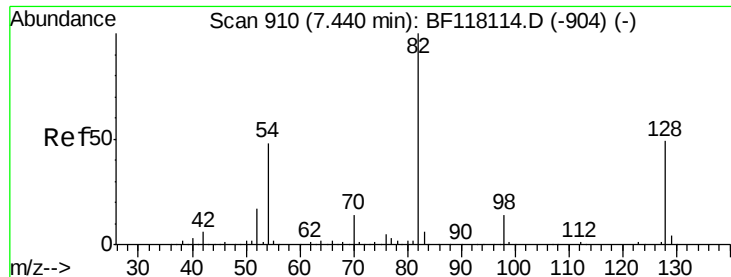
Abundance Ion 105.00 (104.70 to 105.70): E

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

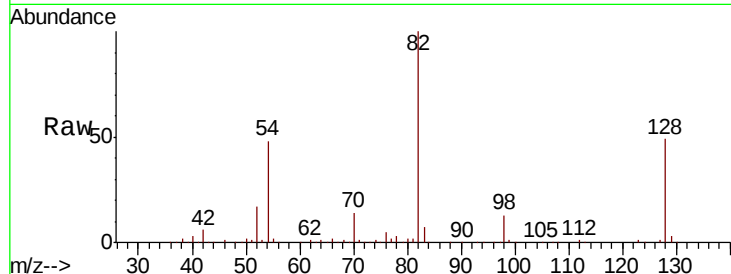




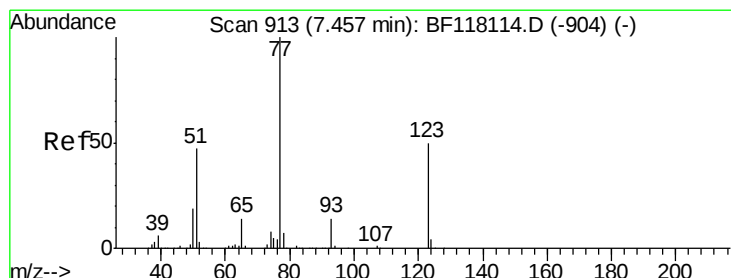
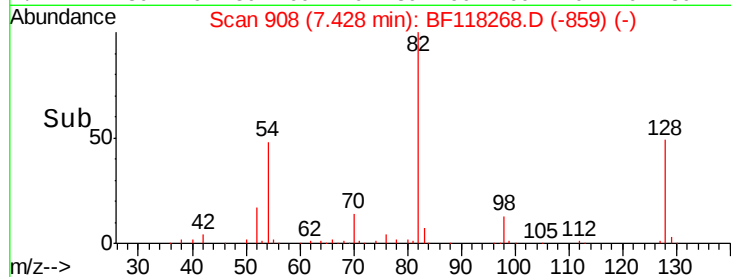
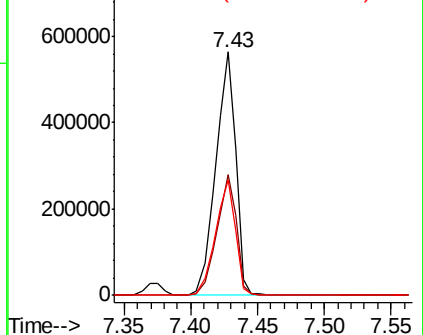
#23
 Nitrobenzene-d5
 Concen: 80.219 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 596190
 Ion Ratio Lower Upper
 82 100
 128 49.4 39.1 58.7
 54 47.7 38.2 57.2

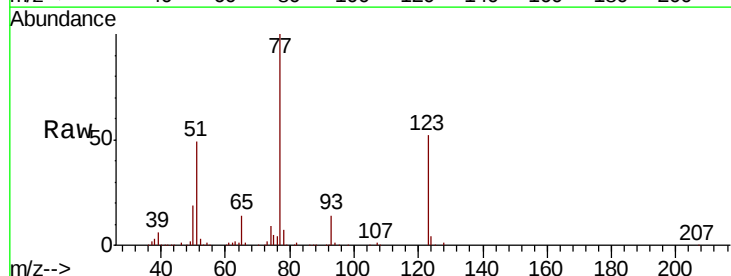


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

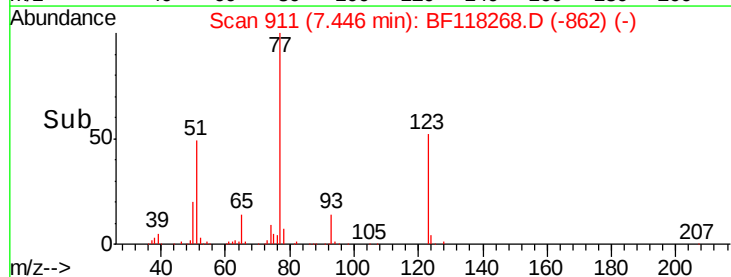
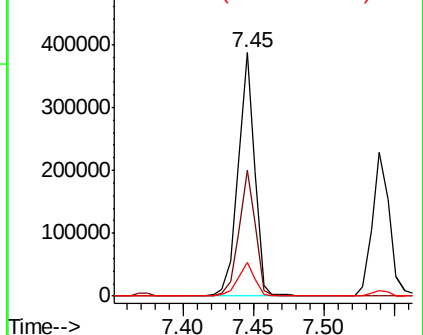


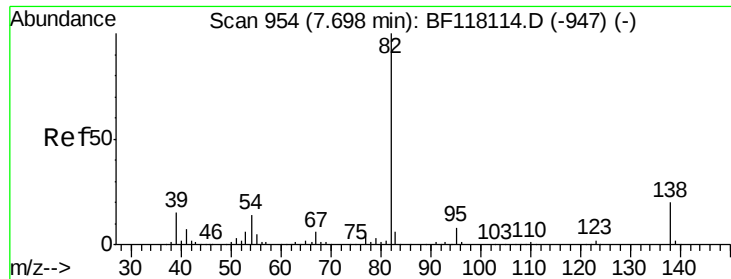
#24
 Nitrobenzene
 Concen: 42.878 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion: 77 Resp: 313089
 Ion Ratio Lower Upper
 77 100
 123 51.7 40.1 60.1
 65 13.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

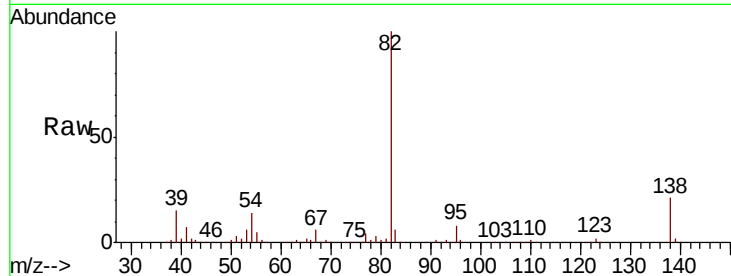




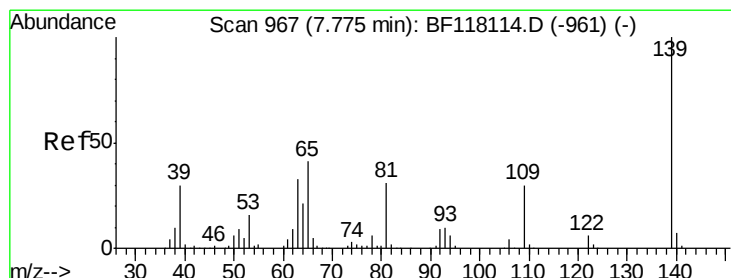
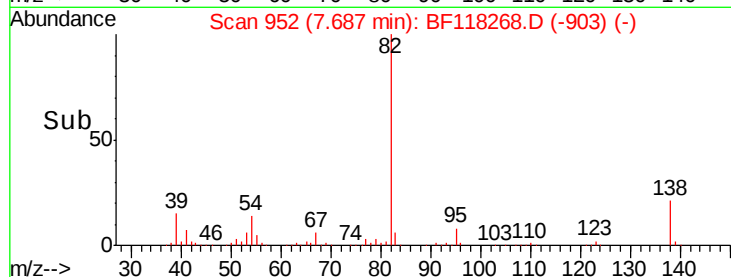
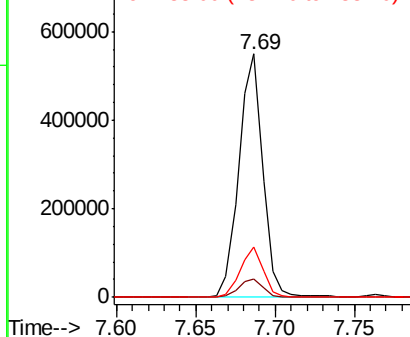
#25
Isophorone
Concen: 45.603 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 574546
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 20.5 16.3 24.5

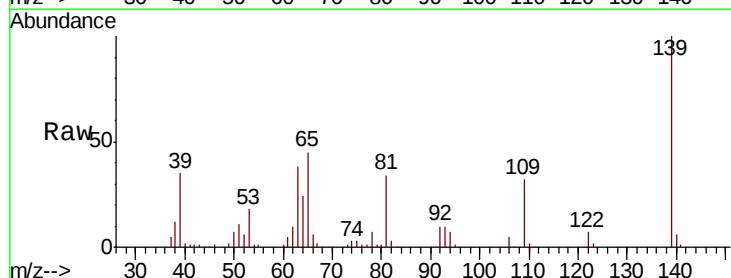


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

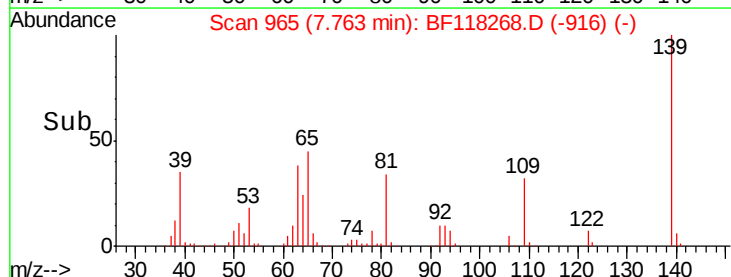
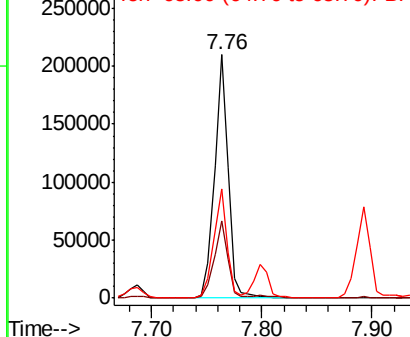


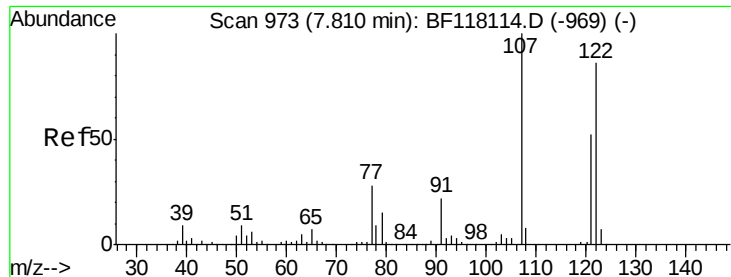
#26
2-Nitrophenol
Concen: 45.749 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion: 139 Resp: 178546
Ion Ratio Lower Upper
139 100
109 31.6 23.9 35.9
65 44.9 33.0 49.6



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

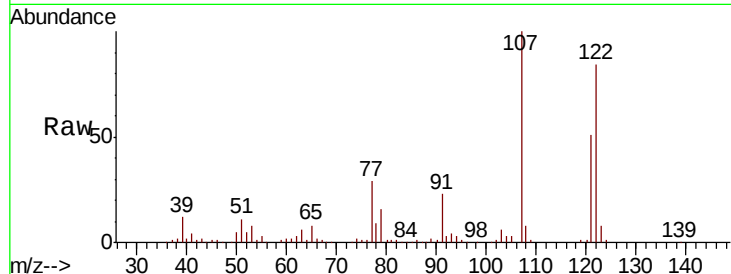




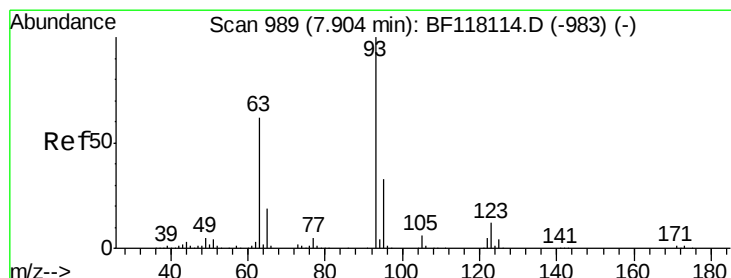
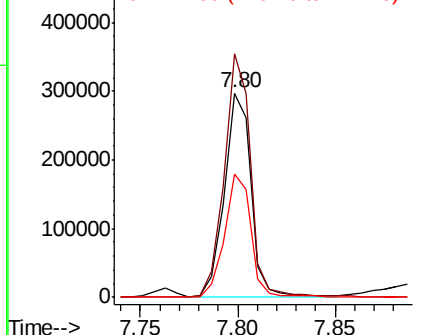
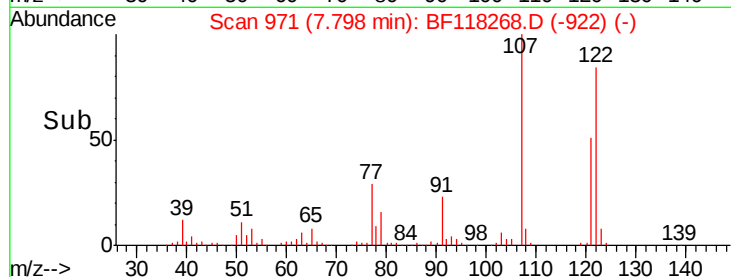
#27
 2,4-Dimethylphenol
 Concen: 54.023 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 281234
 Ion Ratio Lower Upper
 122 100
 107 119.3 92.9 139.3
 121 60.7 48.3 72.5

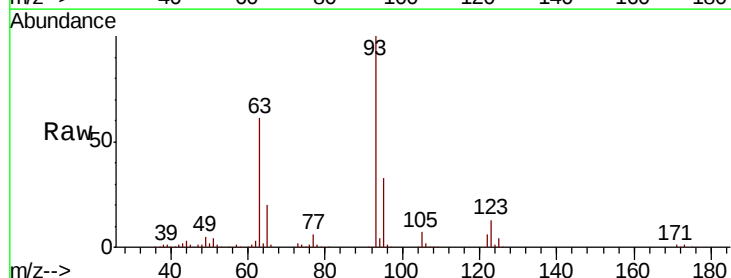


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

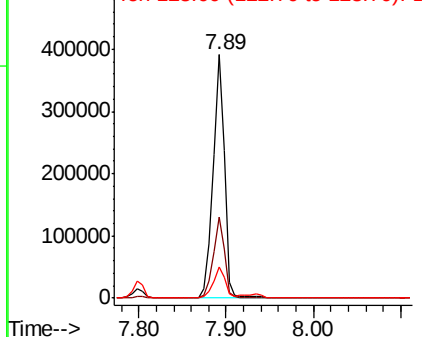
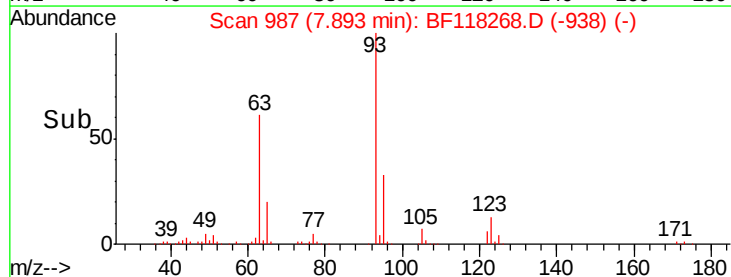


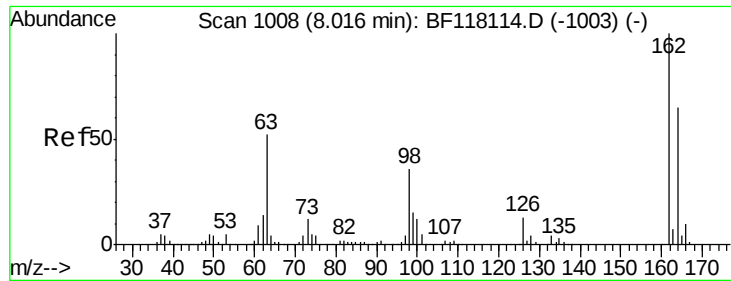
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.435 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion: 93 Resp: 357581
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.7 40.1
 123 12.7 10.0 15.0



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

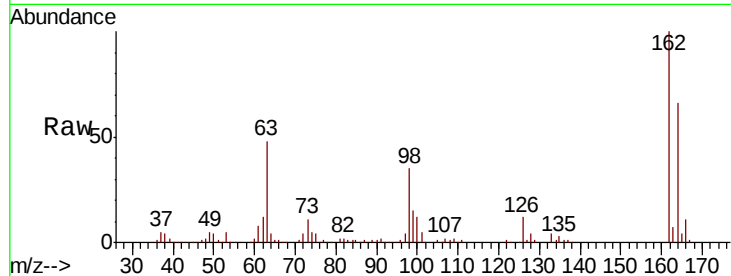




#29
 2,4-Dichlorophenol
 Concen: 45.133 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.2	85.2
98	34.6	15.9	55.9

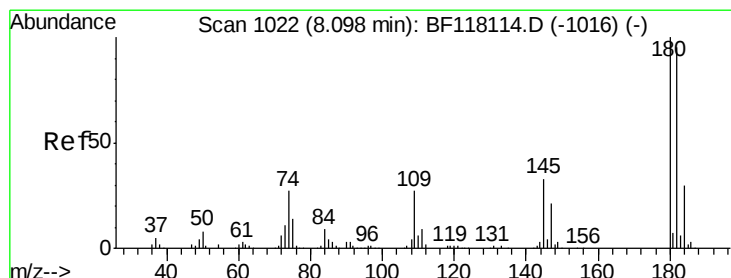
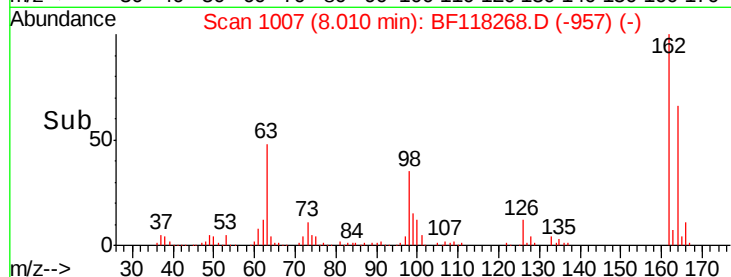
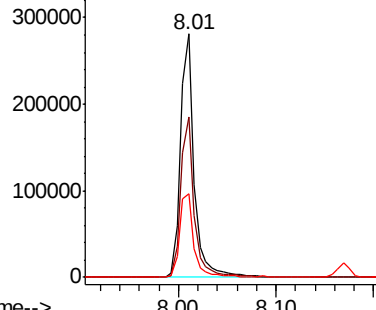


Abundance

Ion 162.00 (161.70 to 162.70): E

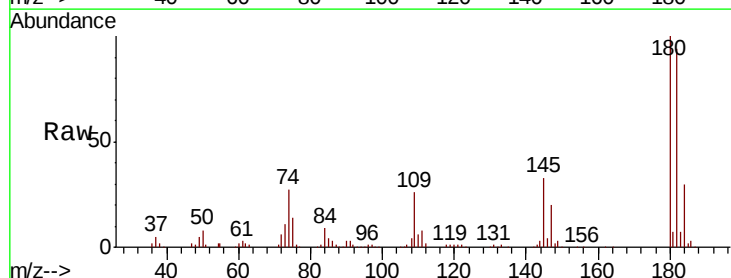
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.880 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.1	114.1
145	32.6	26.1	39.1

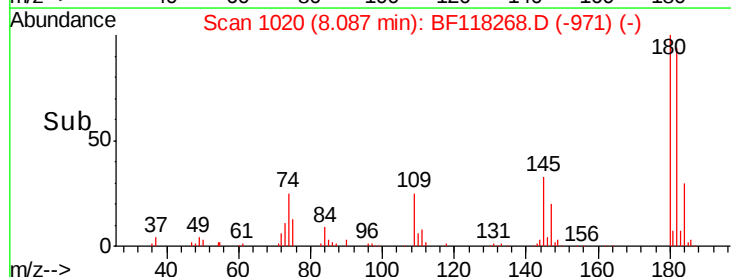
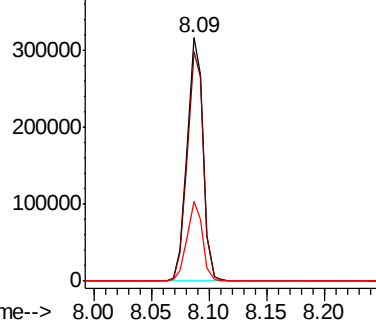


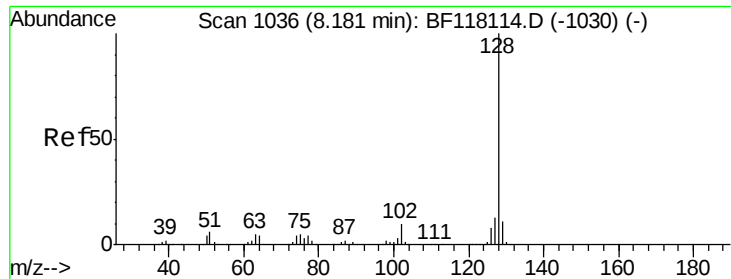
Abundance

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

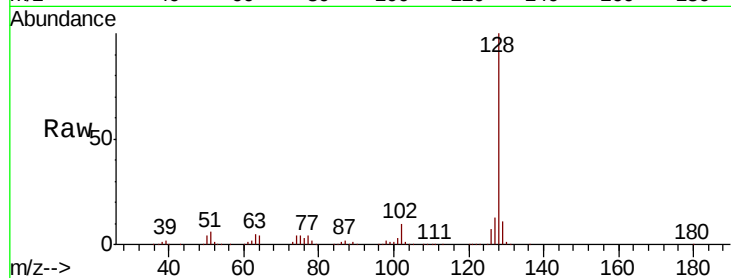




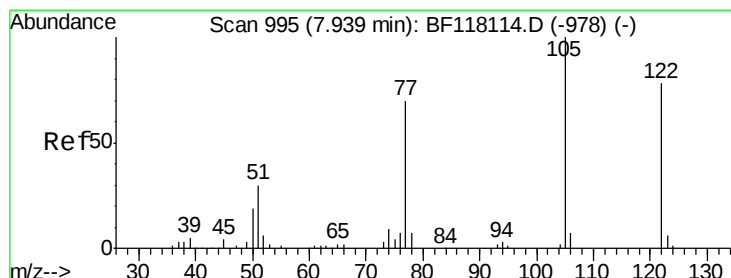
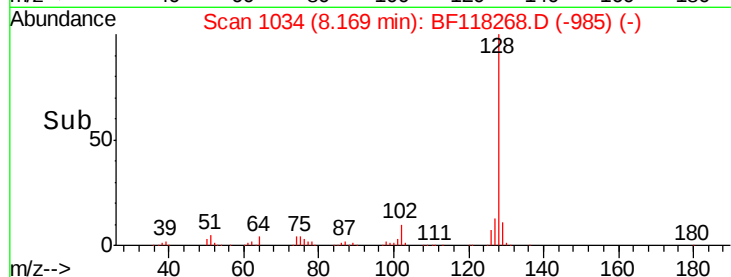
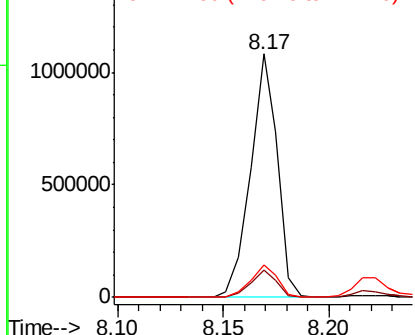
#31
Naphthalene
Concen: 45.595 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 957415
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.6 16.0

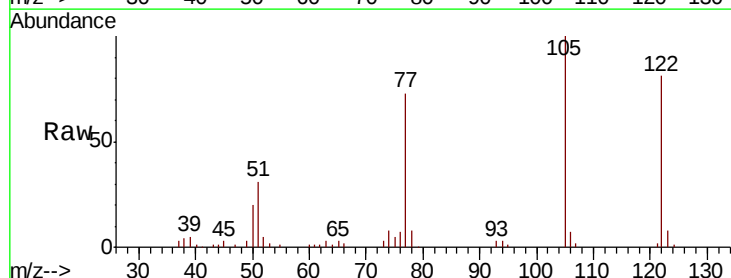


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

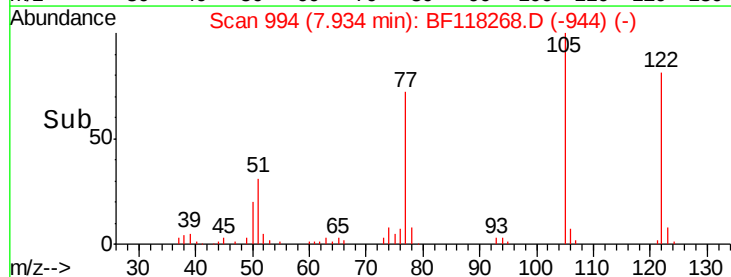
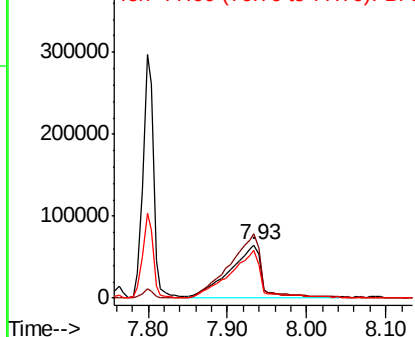


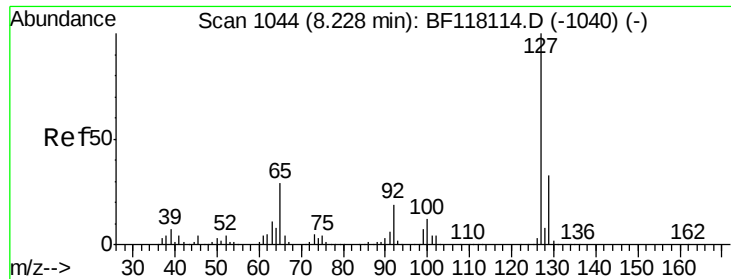
#32
Benzoic acid
Concen: 38.082 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:122 Resp: 179000
Ion Ratio Lower Upper
122 100
105 122.7 104.7 144.7
77 89.1 69.1 109.1



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

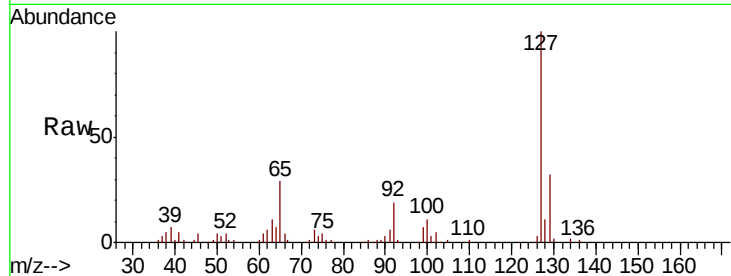




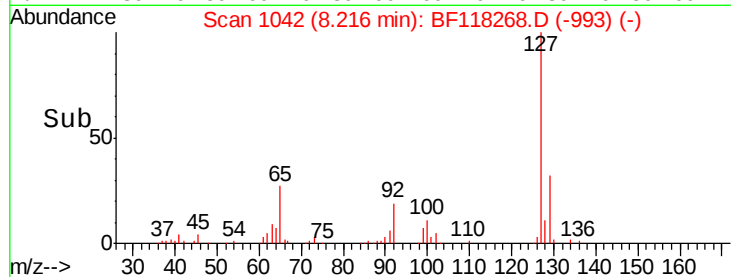
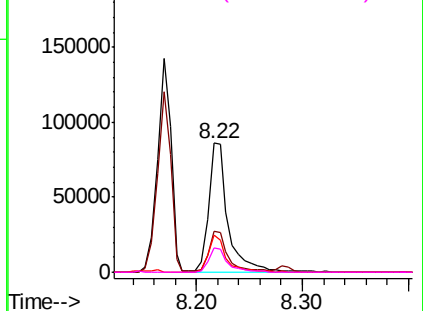
#33
4-Chloroaniline
Concen: 12.075 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	109486
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	40.0
65	28.9	23.2	34.8
92	18.5	15.4	23.0

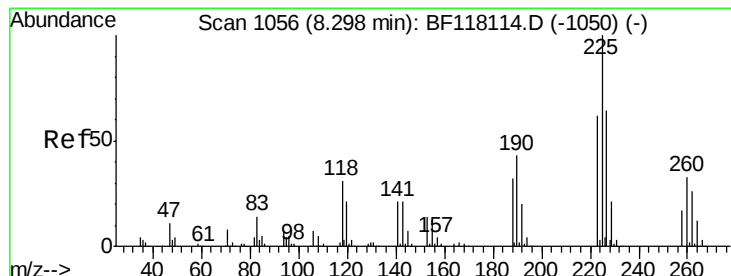


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

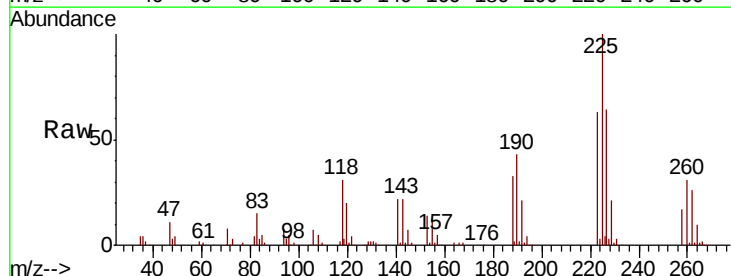
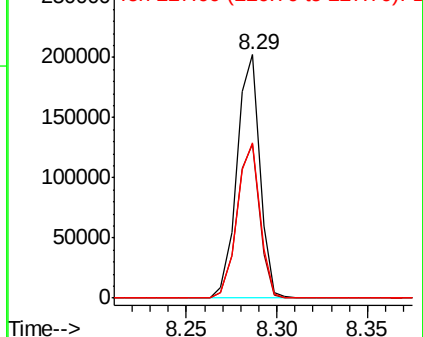


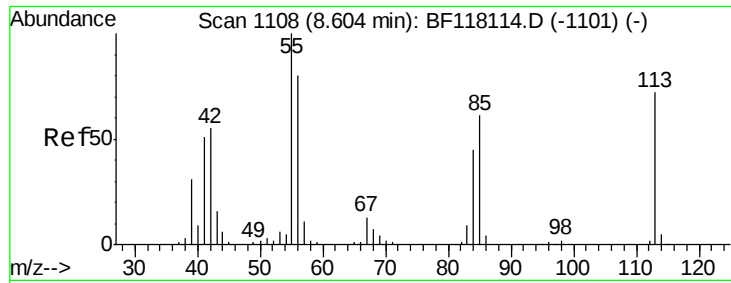
#34
Hexachlorobutadiene
Concen: 41.915 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:	225	Resp:	178262
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	63.7	51.0	76.6



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

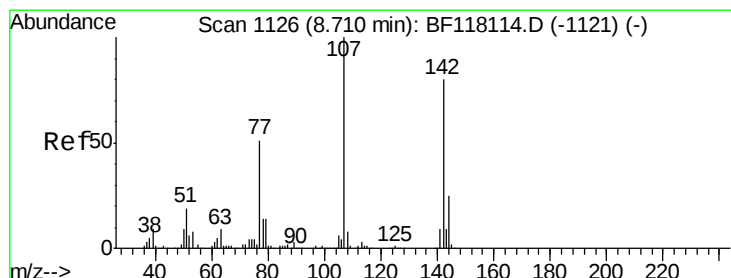
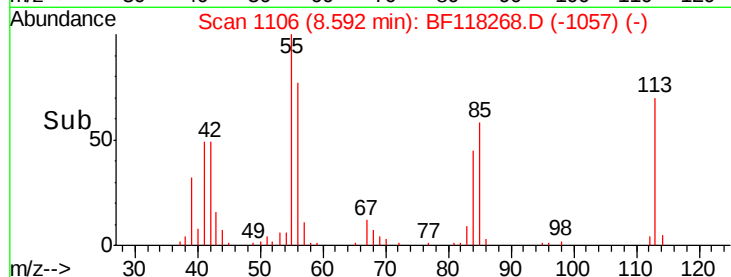
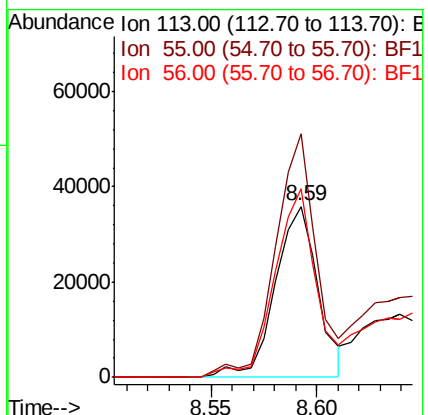
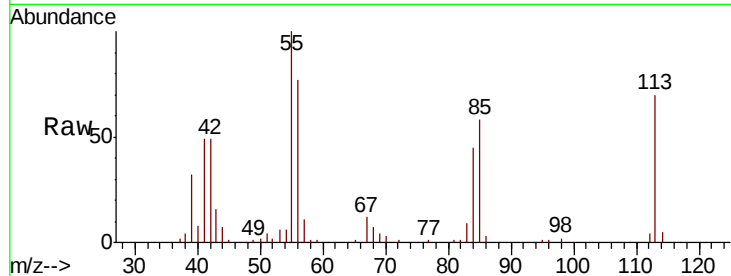




#35
 Caprolactam
 Concen: 27.025 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

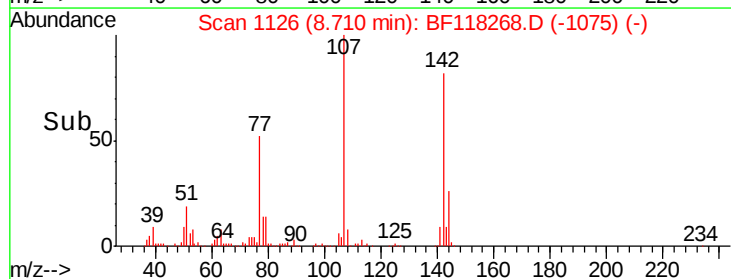
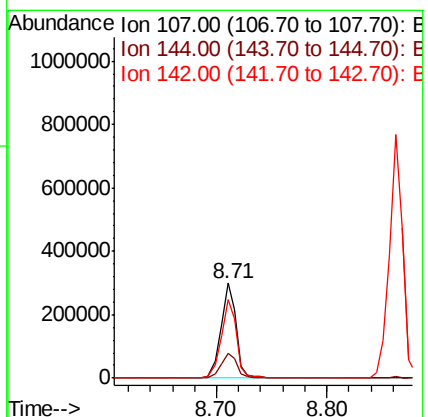
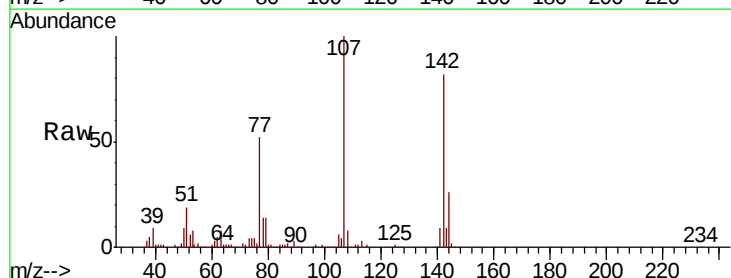
Instrument :
 BNA_F
 ClientSampleId :

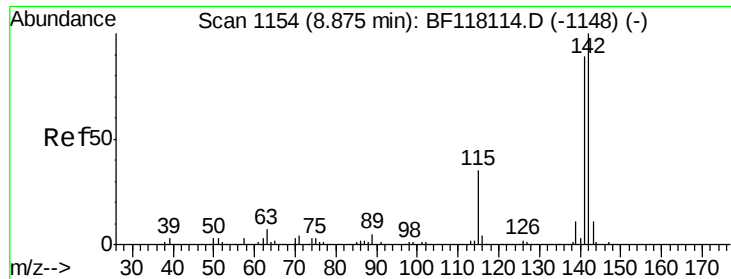
Tot Ion:113 Resp: 50578
 Ion Ratio Lower Upper
 113 100
 55 142.6 118.9 158.9
 56 110.4 91.4 131.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.471 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion:107 Resp: 290404
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.3 30.5
 142 82.2 63.7 95.5

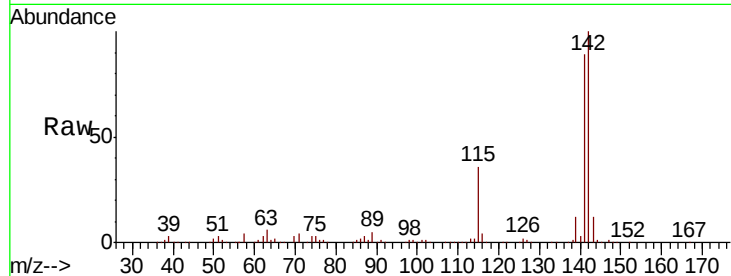




#37
2-Methylnaphthalene
Concen: 46.083 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0
115	35.8	28.2	42.4

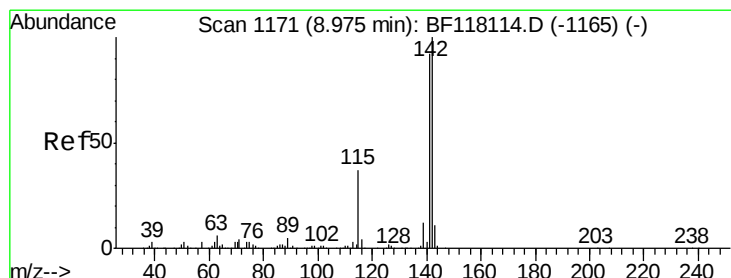
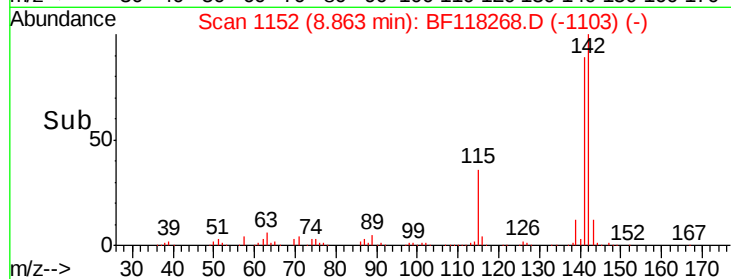
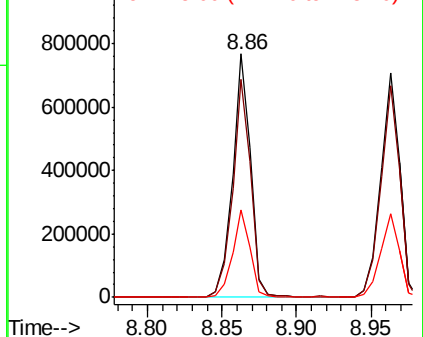


Abundance

Ion 142.00 (141.70 to 142.70): E

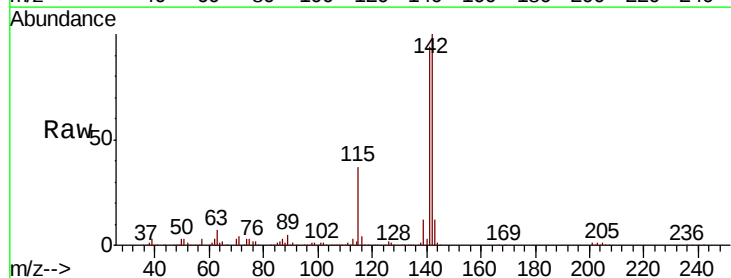
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.015 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.0	111.0
116	4.1	3.2	4.8

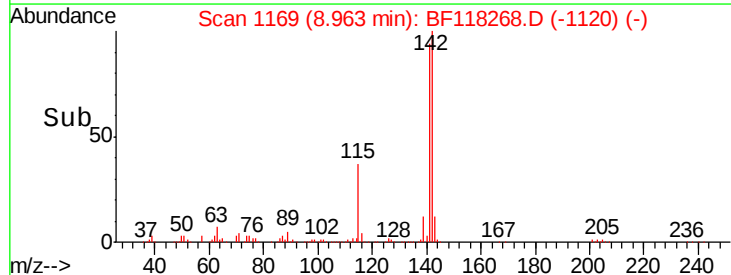
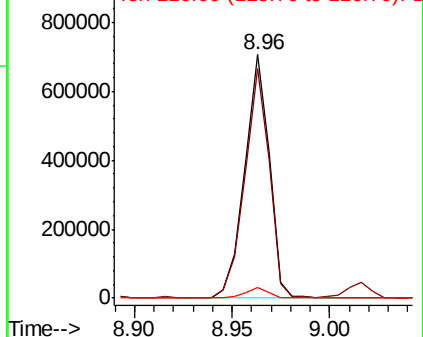


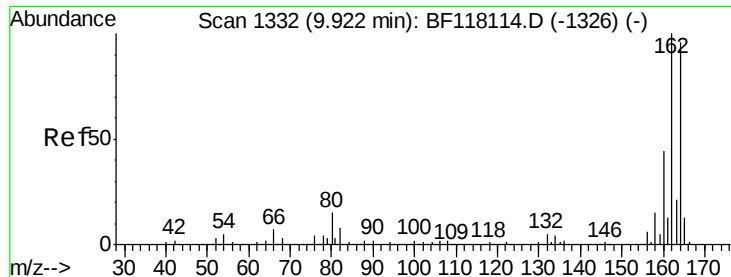
Abundance

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

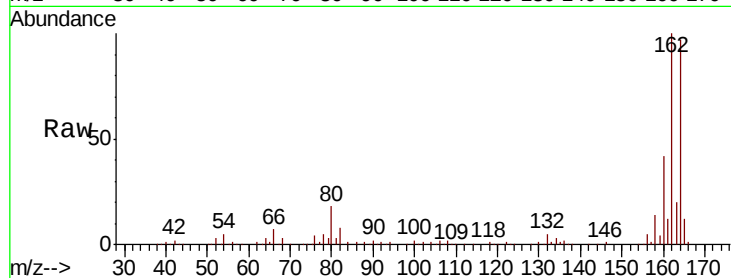
Tot Ion:164 Resp: 225420

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.0

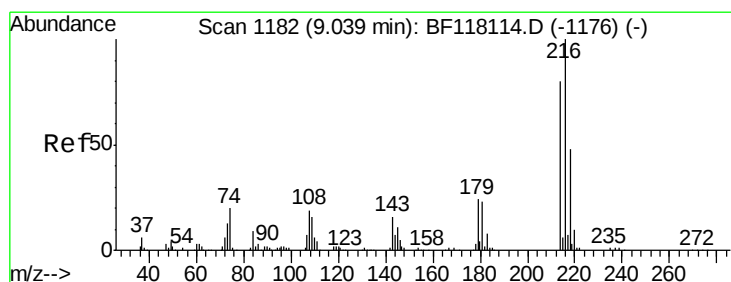
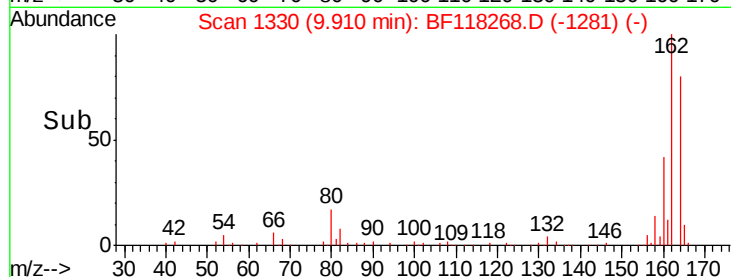
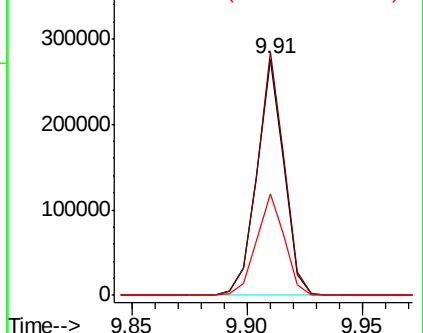
160 43.2 36.6 54.8



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: 42.559 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:216 Resp: 290624

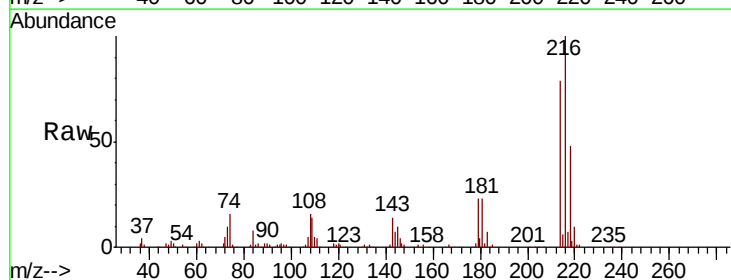
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 22.8 18.6 27.8

108 20.7 15.4 23.0

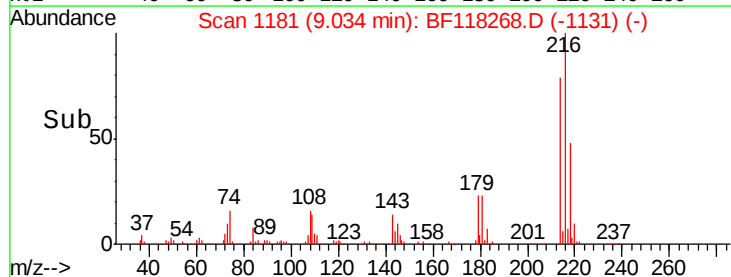
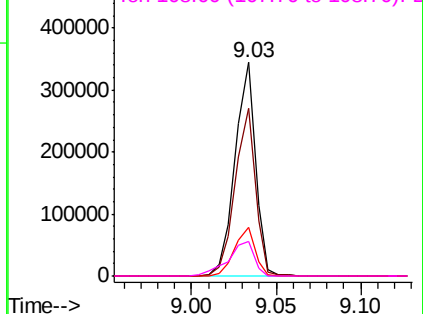


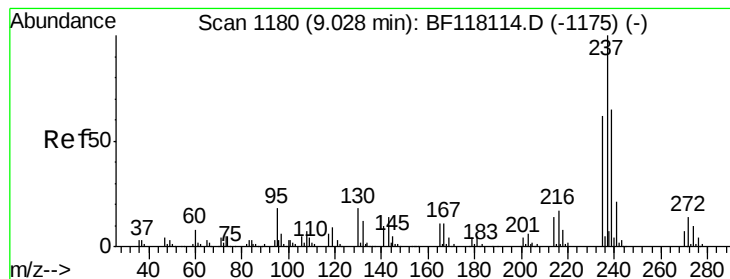
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.884 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

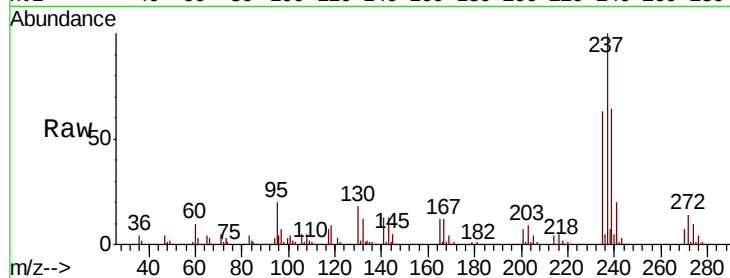
Tot Ion:237 Resp: 290309

Ion Ratio Lower Upper

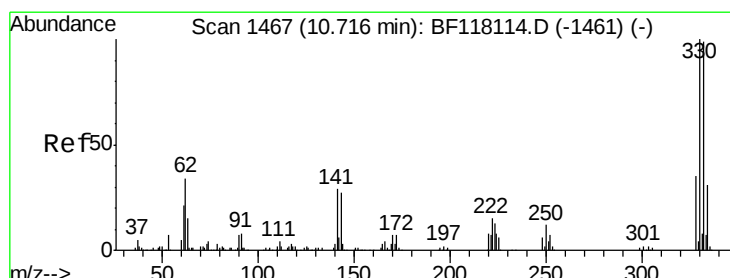
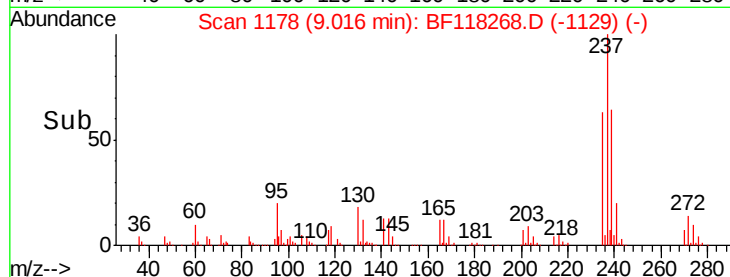
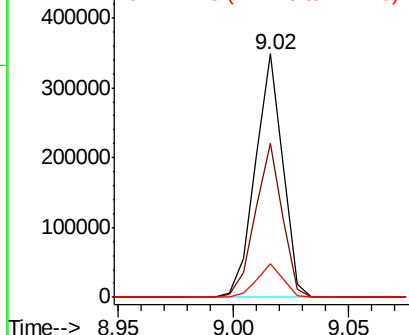
237 100

235 63.4 41.5 81.5

272 13.7 0.0 33.7



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: 128.265 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

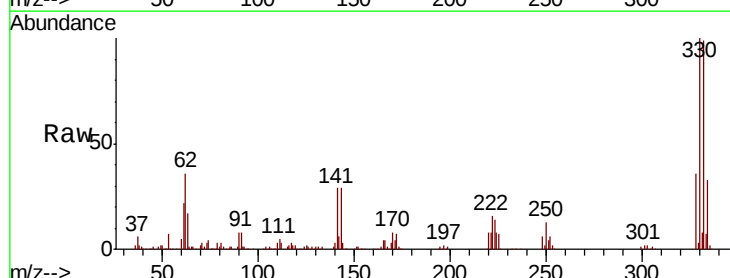
Tgt Ion:330 Resp: 351247

Ion Ratio Lower Upper

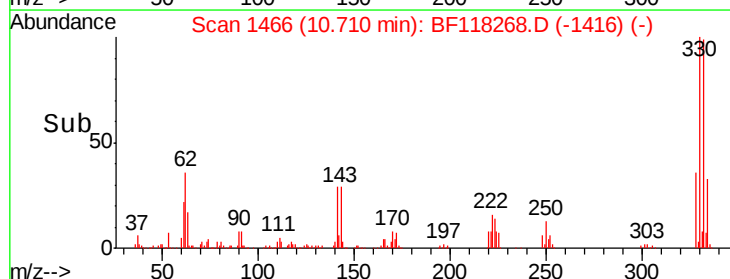
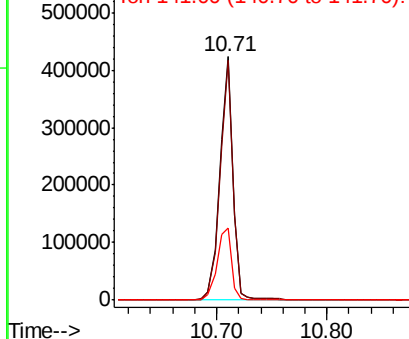
330 100

332 98.0 78.1 117.1

141 32.6 26.9 40.3



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

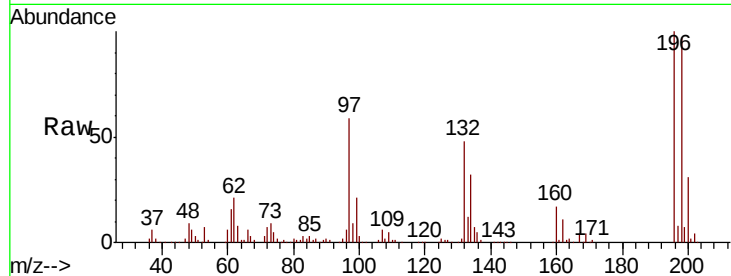




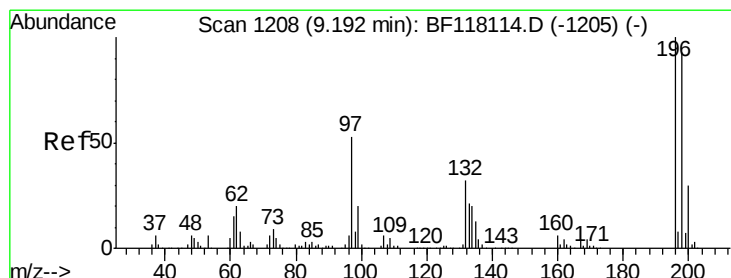
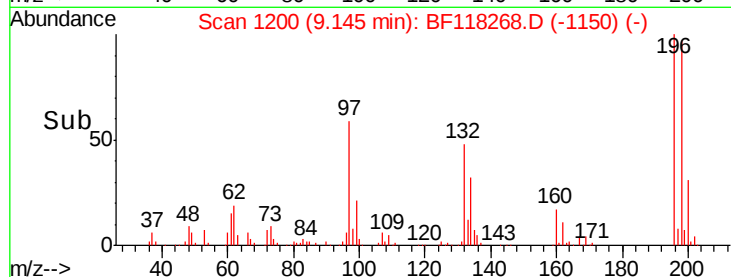
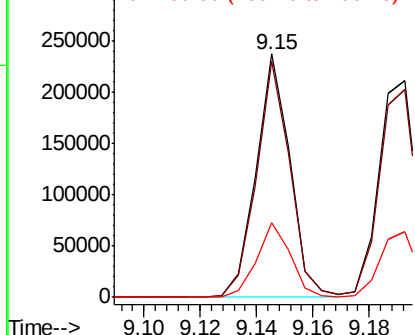
#43
 2,4,6-Trichlorophenol
 Concen: 43.381 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	197792
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.0	112.4
200	30.8	24.5	36.7



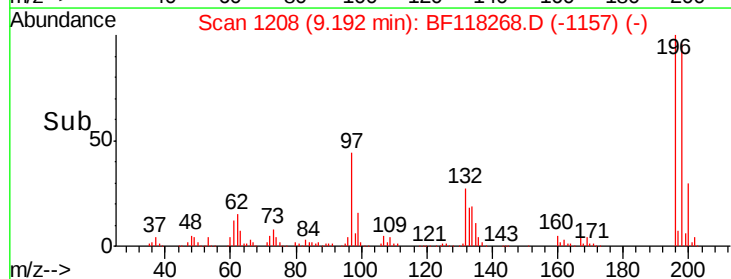
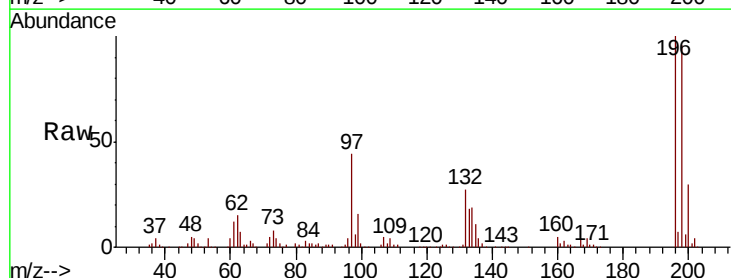
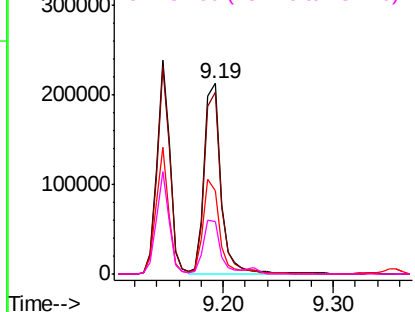
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

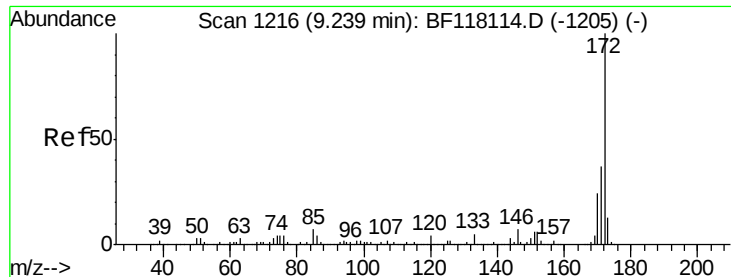


#44
 2,4,5-Trichlorophenol
 Concen: 45.832 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion	196	Resp	216501
Ion Ratio	Lower	Upper	
196	100		
198	95.6	74.2	111.4
97	43.6	42.5	63.7
132	27.3	25.4	38.2

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

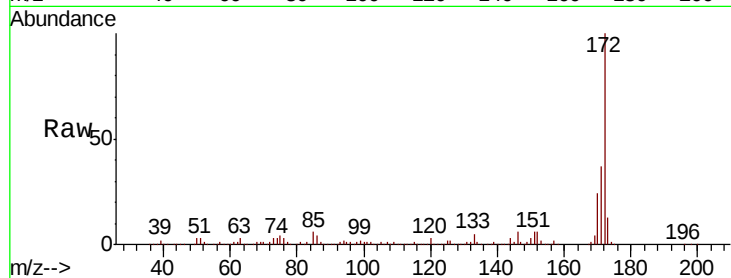




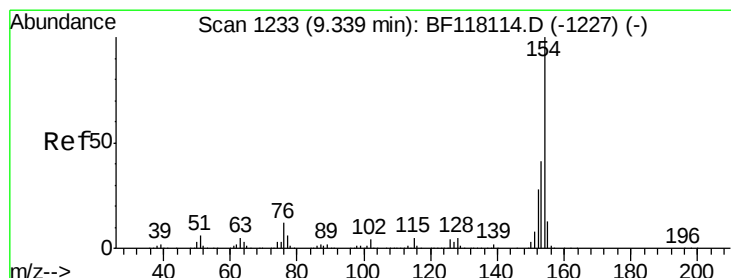
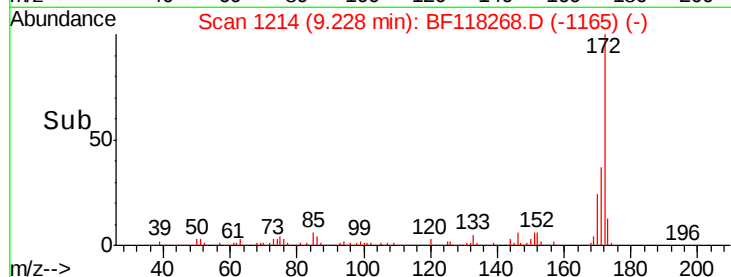
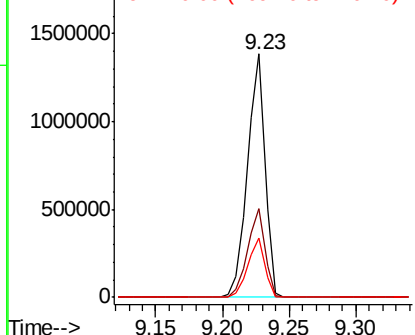
#45
2-Fluorobiphenyl
Concen: 84.253 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1248141
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.2 19.4 29.2

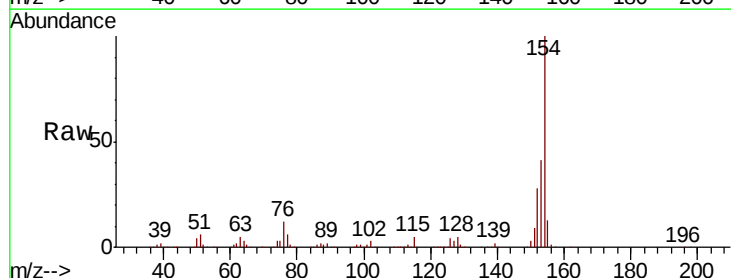


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

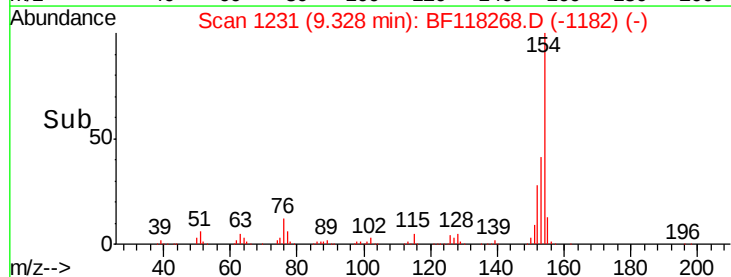
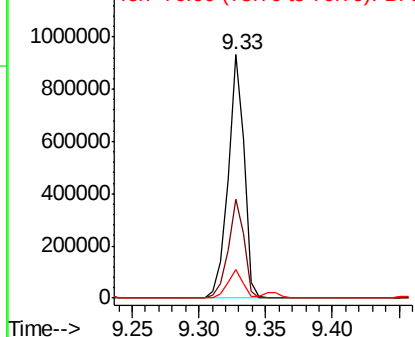


#46
1,1'-Biphenyl
Concen: 44.332 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:154 Resp: 788167
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 11.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

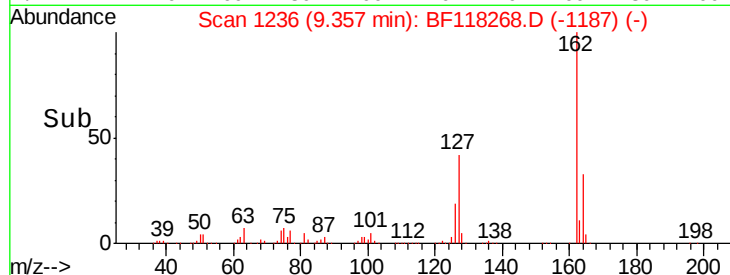
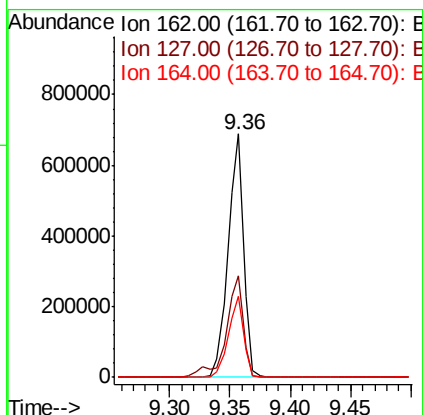
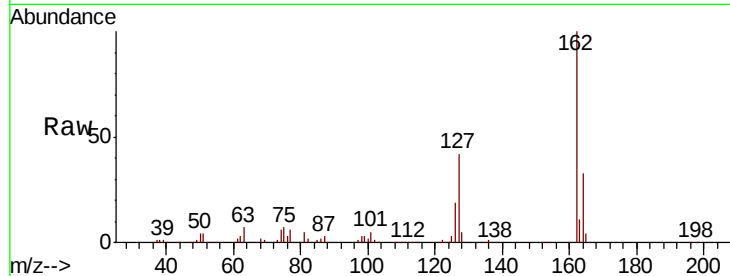




#47
2-Chloronaphthalene
Concen: 42.922 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

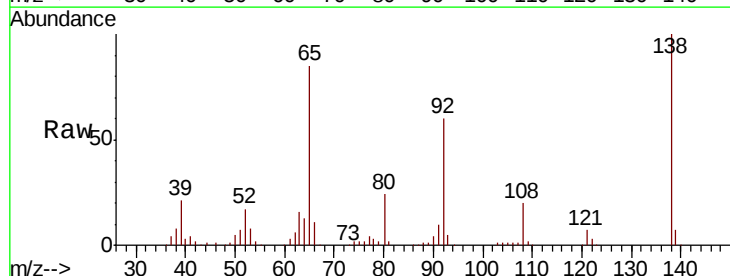
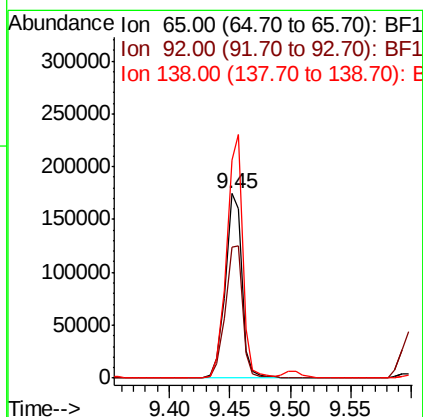
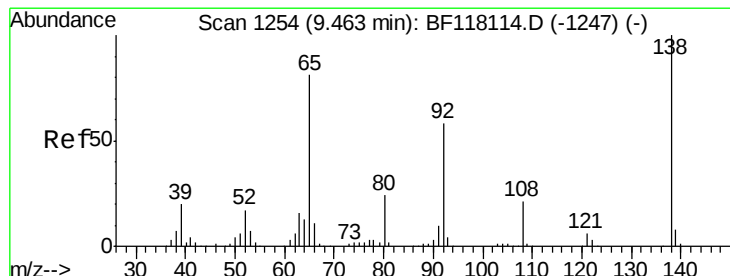
Instrument :
BNA_F
ClientSampleId :

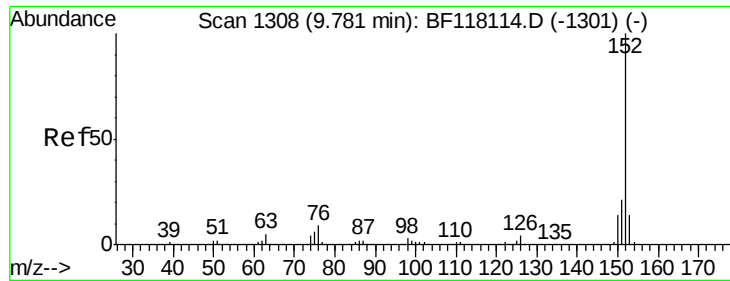
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.0	48.0
164	33.5	26.1	39.1



#48
2-Nitroaniline
Concen: 41.140 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.8	86.6
138	118.0	98.8	148.2





#49

Acenaphthylene

Concen: 45.800 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampled :

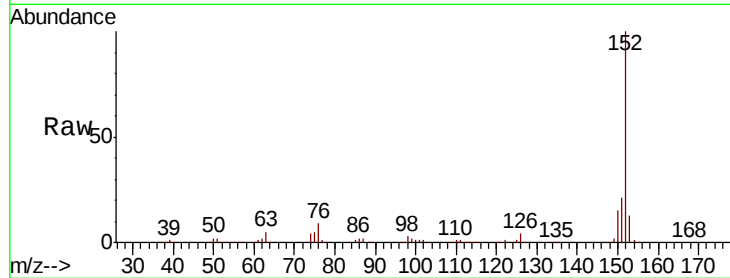
Tot Ion:152 Resp: 966085

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

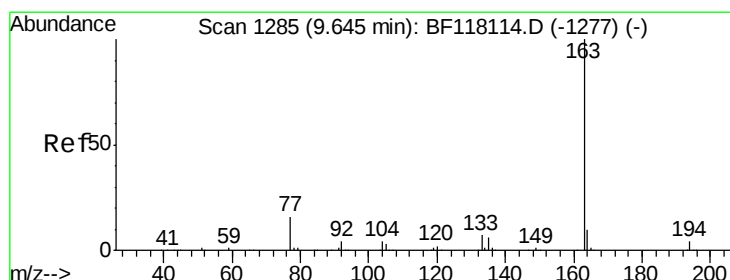
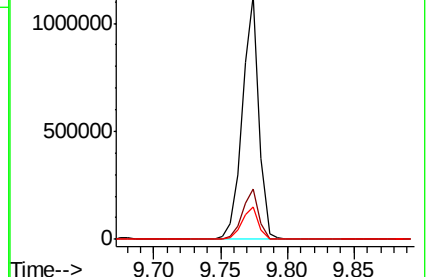
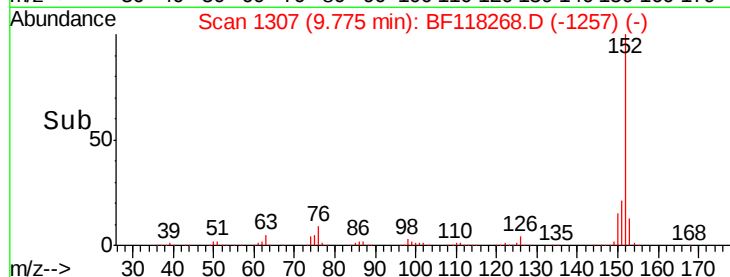
153 13.1 10.8 16.2



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: 50.870 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

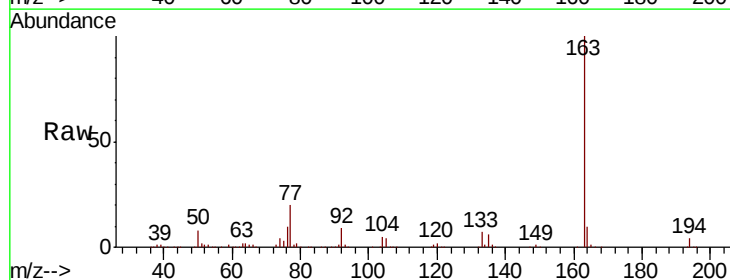
Tgt Ion:163 Resp: 847007

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

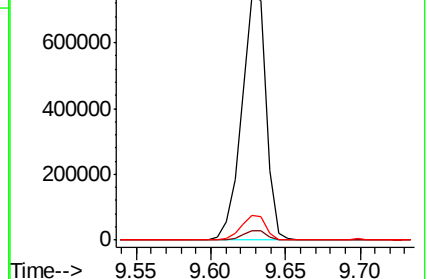
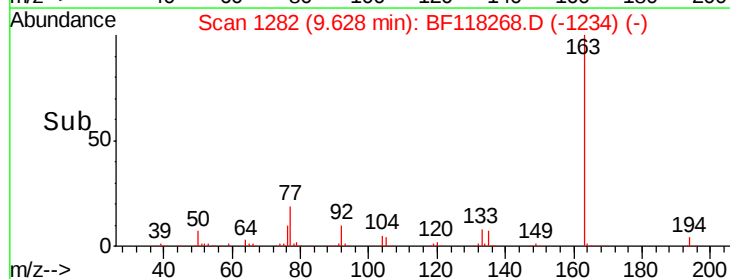
164 10.3 7.7 11.5

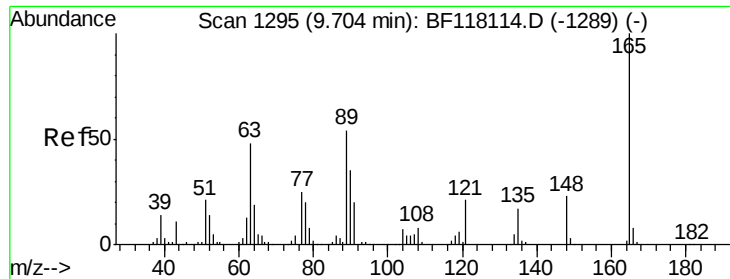


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.475 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

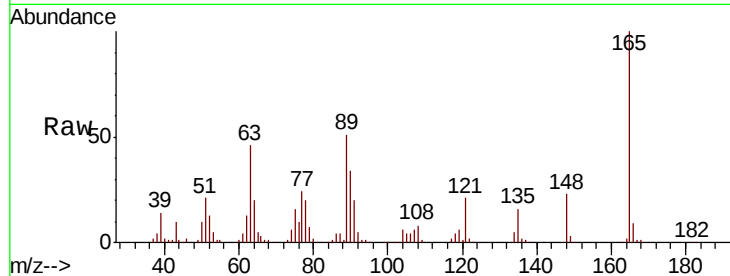
Tot Ion:165 Resp: 164645

Ion Ratio Lower Upper

165 100

63 46.3 41.4 62.0

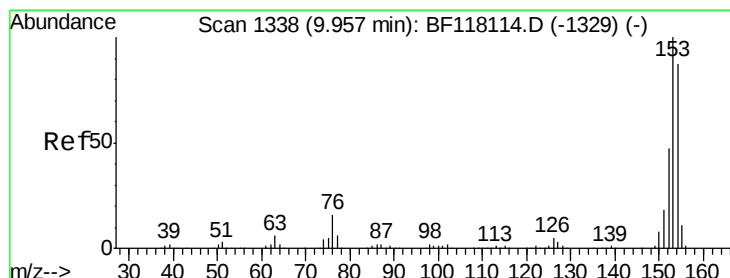
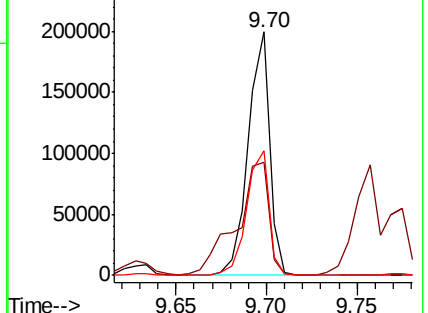
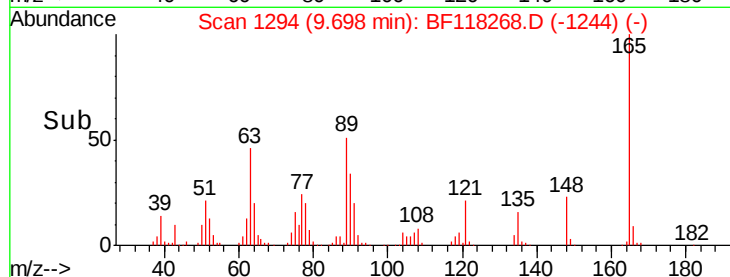
89 51.2 42.9 64.3



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: 43.897 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

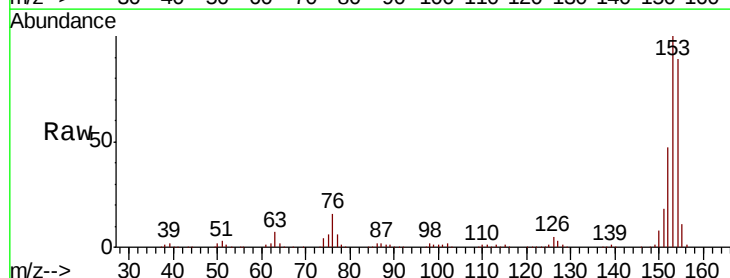
Tgt Ion:154 Resp: 565168

Ion Ratio Lower Upper

154 100

153 112.8 91.8 137.6

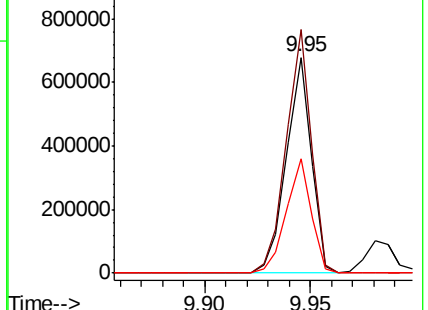
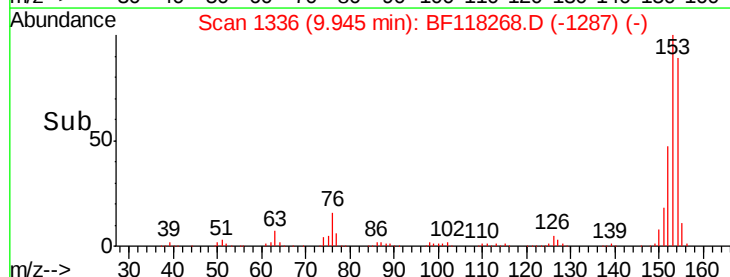
152 52.8 43.3 64.9

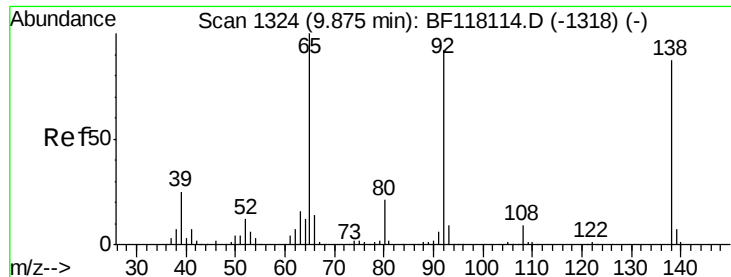


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

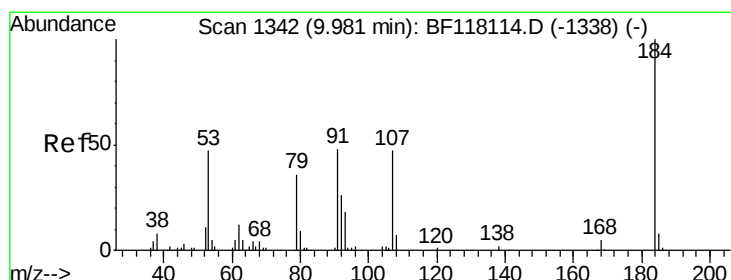
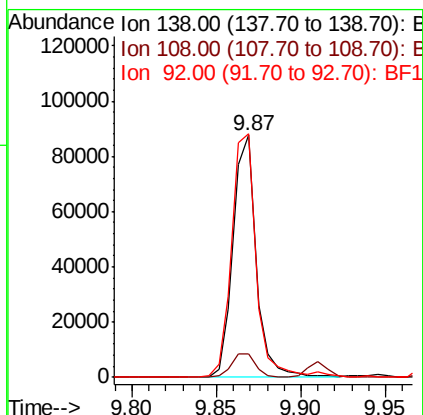
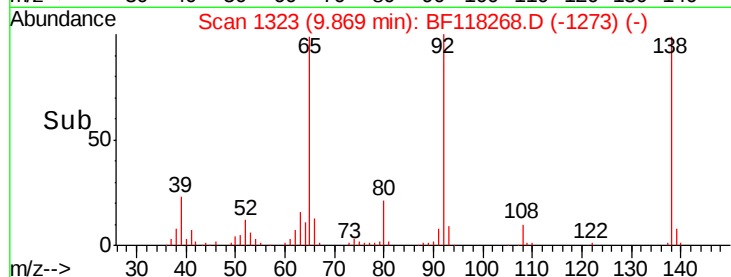
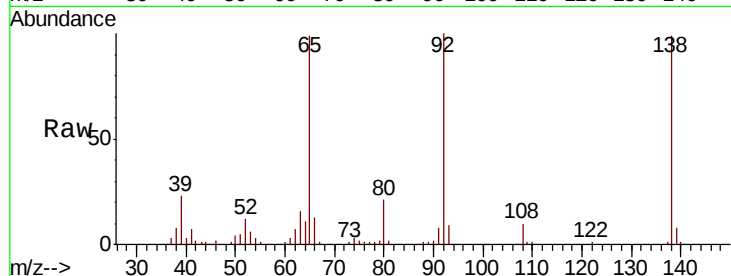




#53
3-Nitroaniline
Concen: 19.593 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

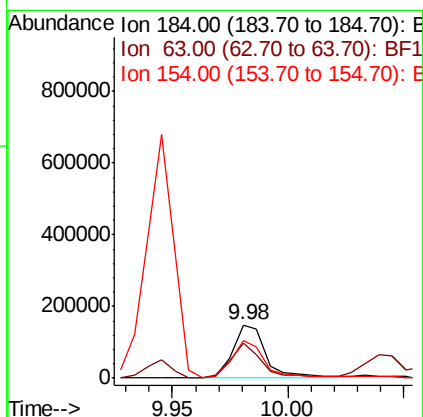
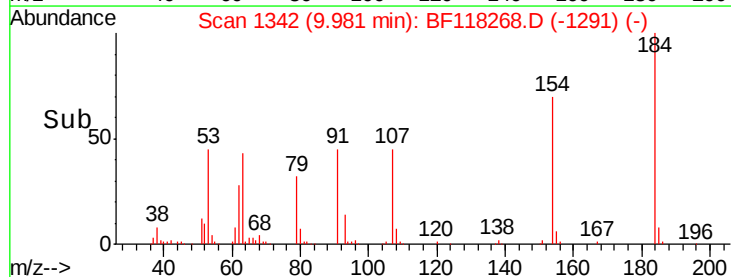
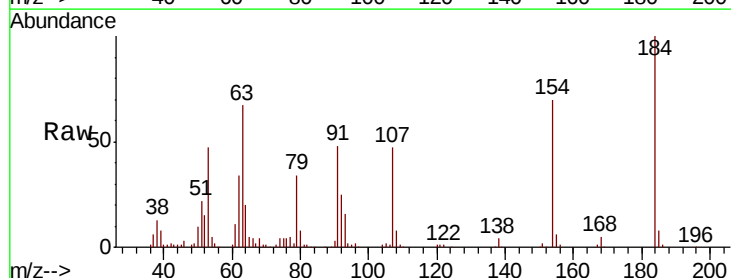
Instrument :
BNA_F
ClientSampleId :

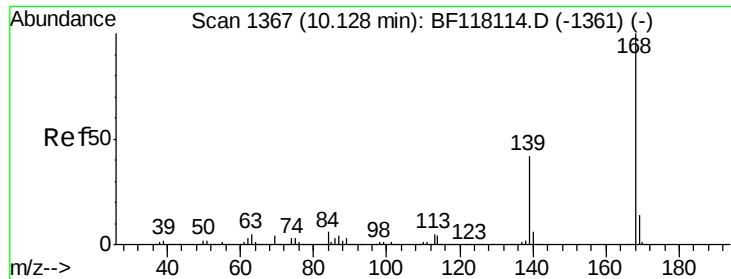
Tot Ion:138 Resp: 83482
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.4
92 100.6 84.9 127.3



#54
2,4-Dinitrophenol
Concen: 83.812 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:184 Resp: 150969
Ion Ratio Lower Upper
184 100
63 66.7 53.9 80.9
154 70.2 56.3 84.5





#55

Dibenzenofuran

Concen: 45.791 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

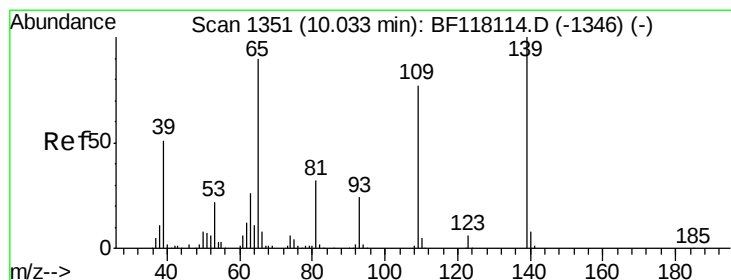
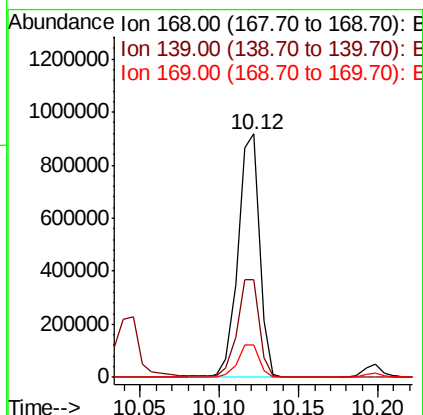
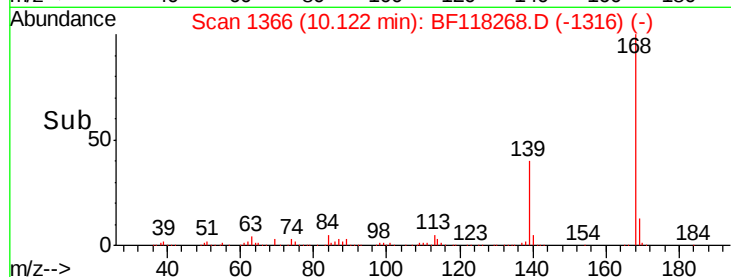
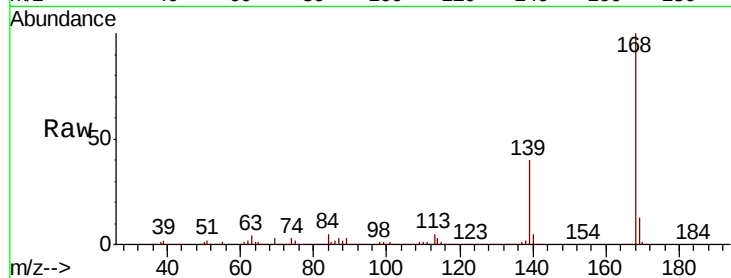
Tot Ion:168 Resp: 863843

Ion Ratio Lower Upper

168 100

139 40.1 33.4 50.0

169 13.3 11.0 16.6



#56

4-Nitrophenol

Concen: 85.205 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

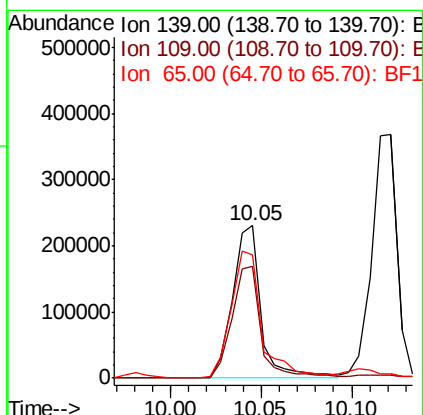
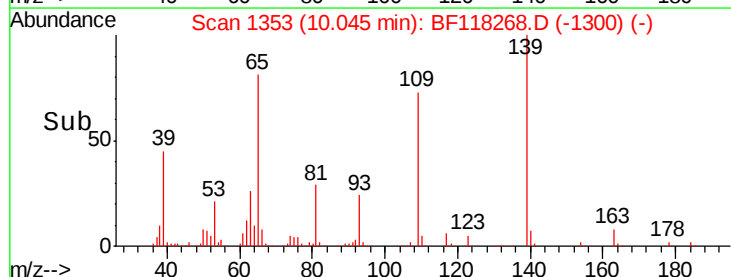
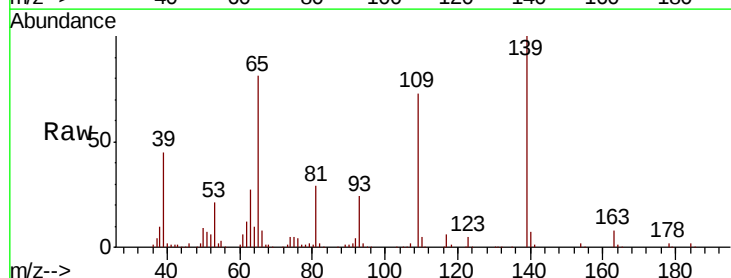
Tgt Ion:139 Resp: 251948

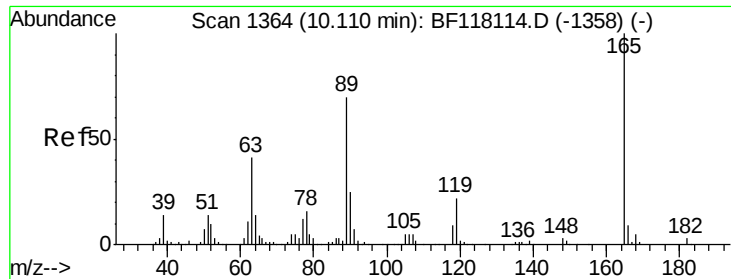
Ion Ratio Lower Upper

139 100

109 73.2 57.3 97.3

65 80.9 70.2 110.2

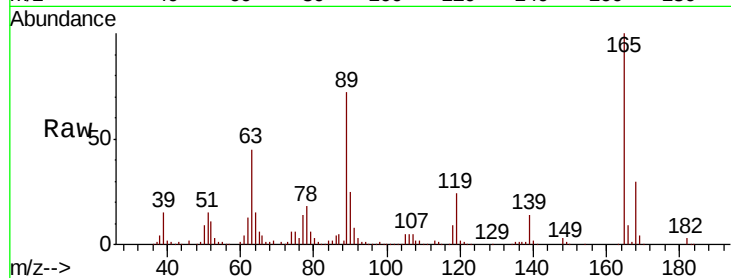




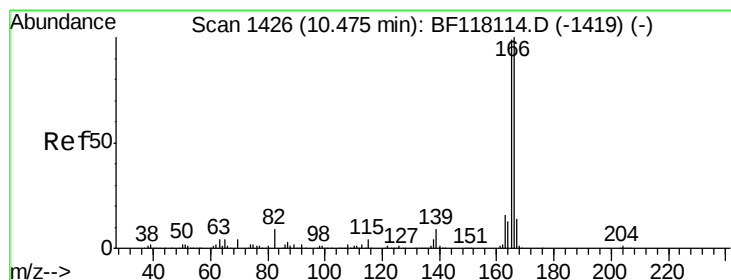
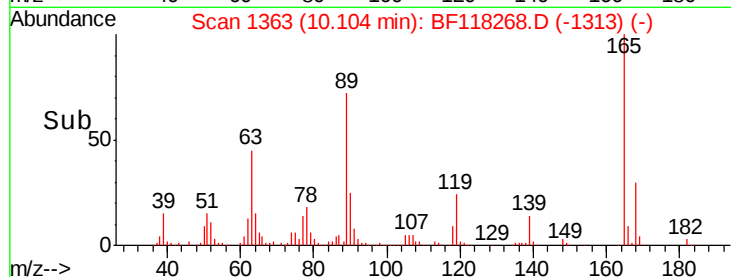
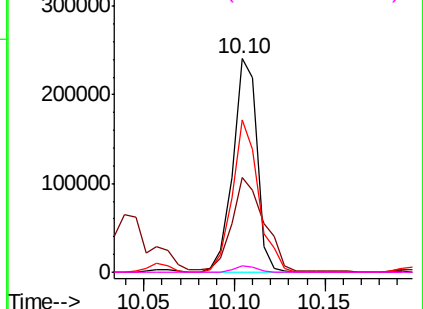
#57
2,4-Dinitrotoluene
Concen: 46.112 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	222835
Ion Ratio	Lower	Upper
165	100	
63	44.5	32.6 49.0
89	71.6	56.1 84.1
182	2.8	2.1 3.1

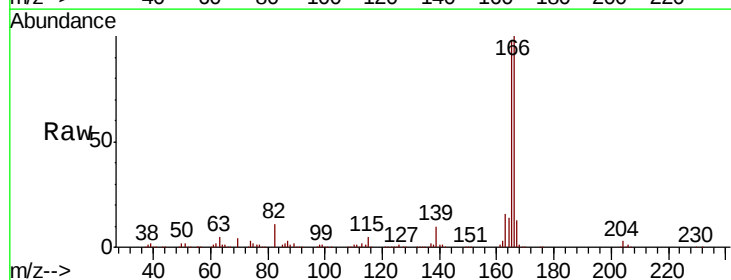


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

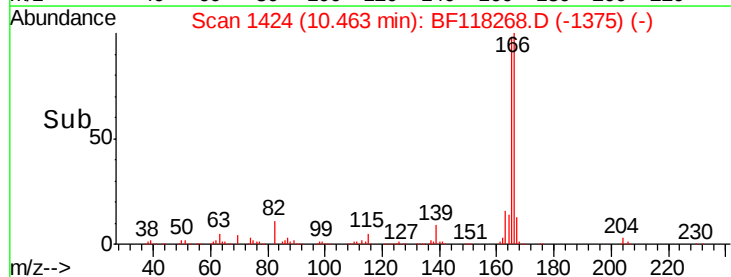
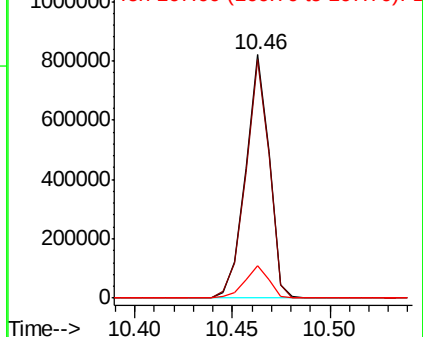


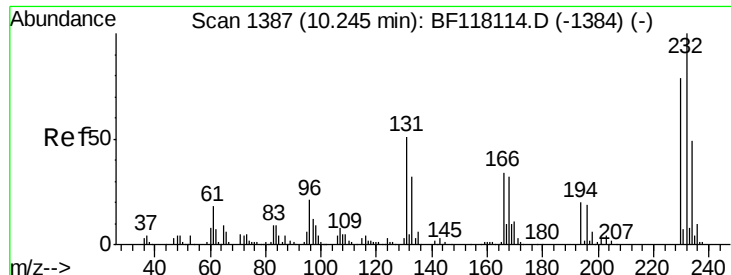
#58
Fluorene
Concen: 45.917 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:166	Resp:	688389
Ion Ratio	Lower	Upper
166	100	
165	97.9	79.0 118.4
167	13.5	10.9 16.3



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

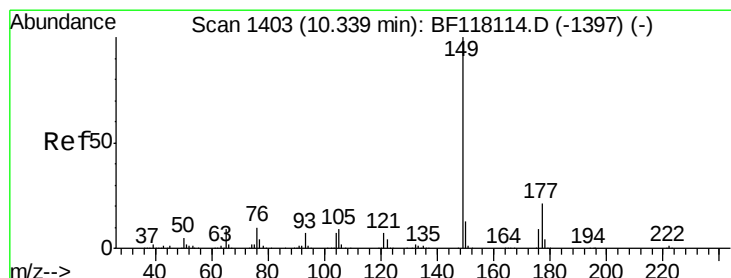
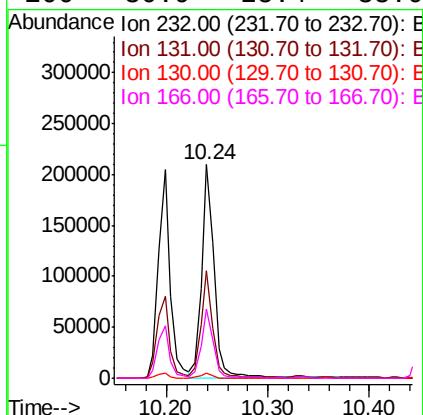
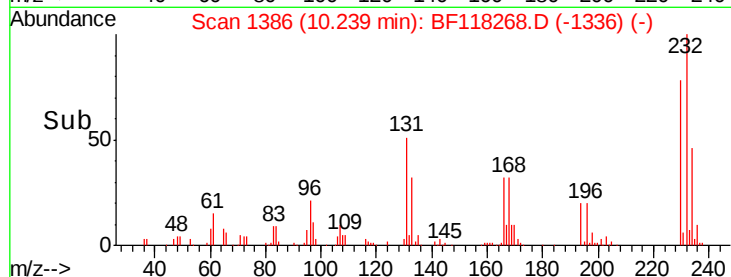
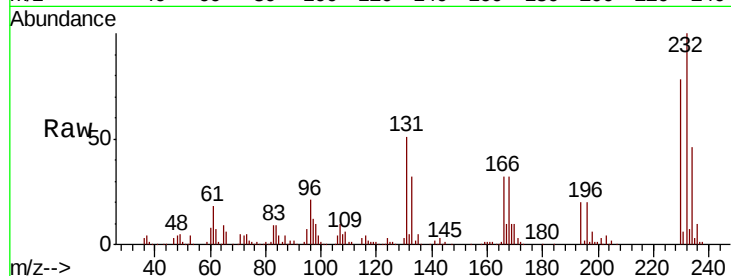




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.055 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

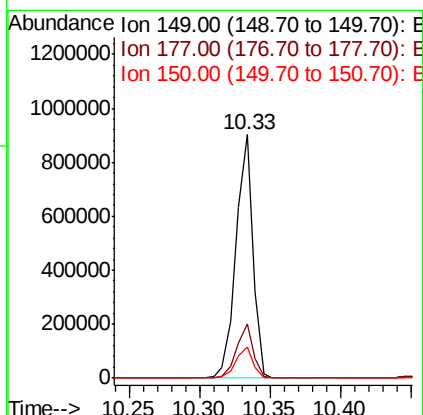
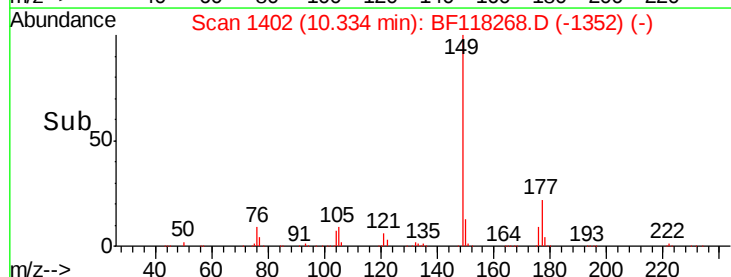
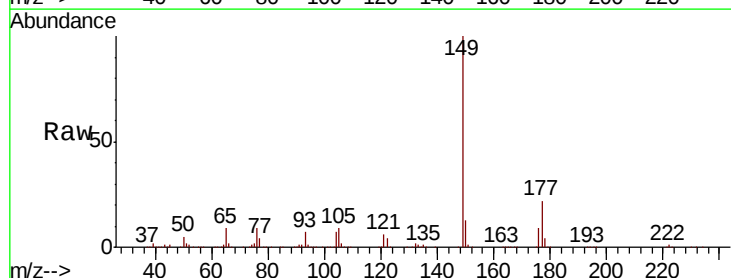
Instrument :
 BNA_F
 ClientSampleId :

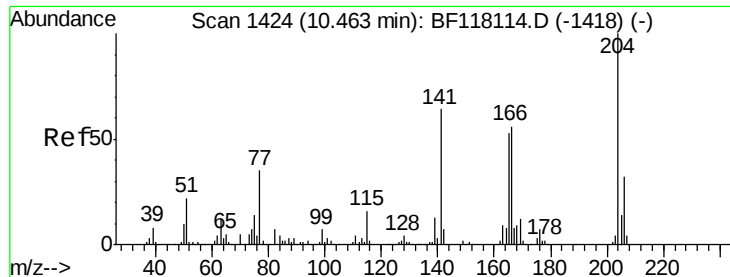
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	38.8	58.2
130	2.4	1.9	2.9
166	30.9	25.4	38.0



#60
 Diethylphthalate
 Concen: 46.022 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.4
150	12.7	10.1	15.1

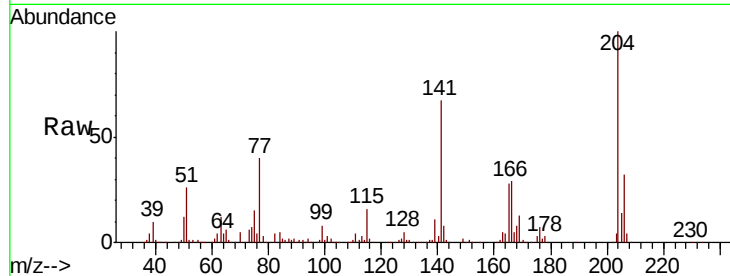




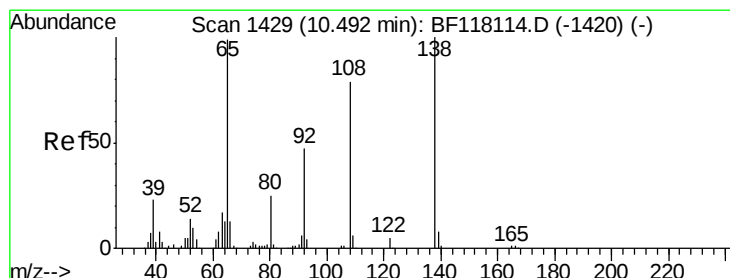
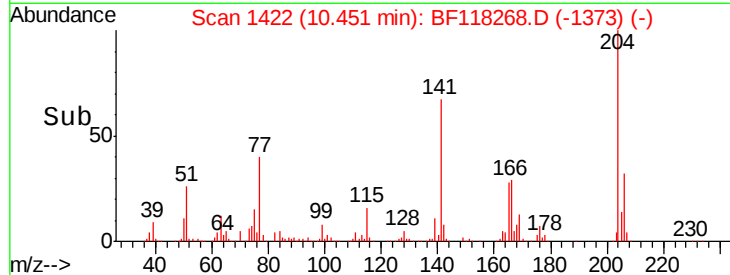
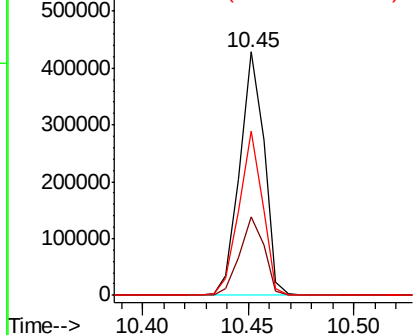
#61
 4-Chlorophenyl-phenylether
 Concen: 45.432 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 342706
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.0 39.0
 141 67.3 51.0 76.6

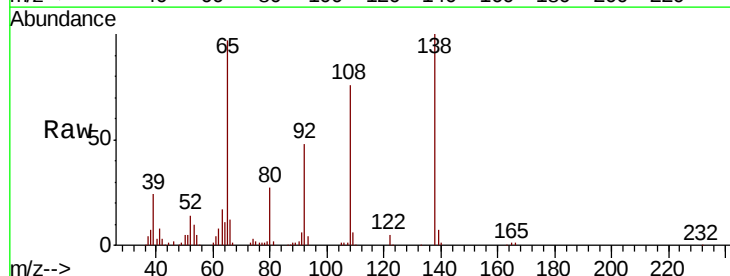


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

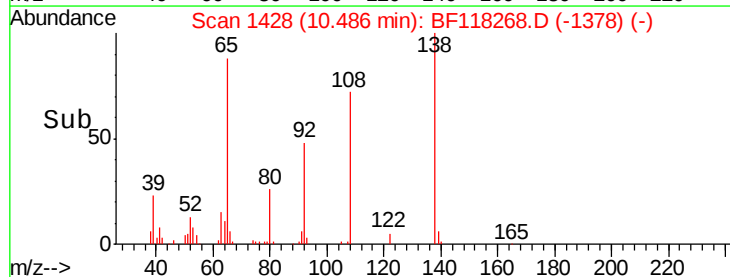
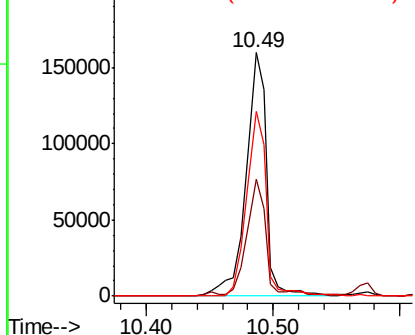


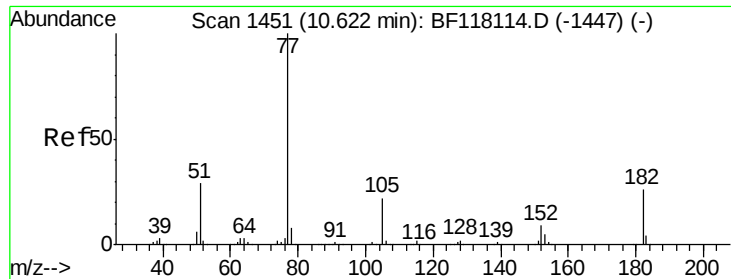
#62
 4-Nitroaniline
 Concen: 40.400 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion:138 Resp: 179534
 Ion Ratio Lower Upper
 138 100
 92 47.8 27.1 67.1
 108 75.8 59.0 99.0



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

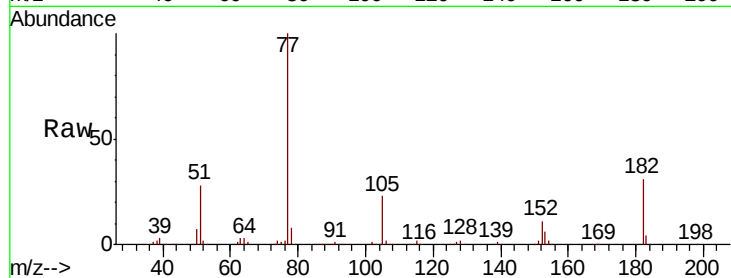




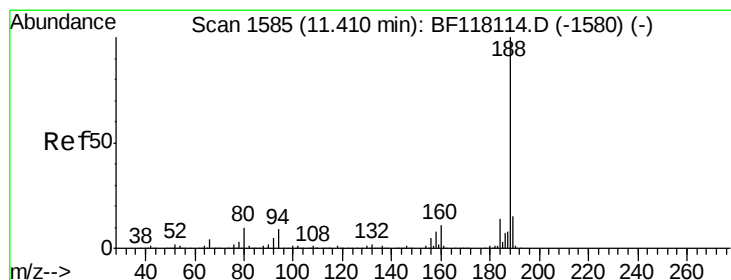
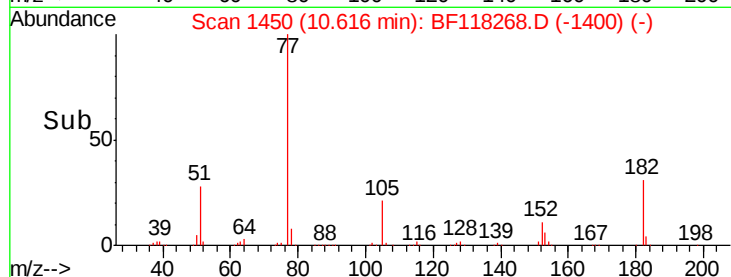
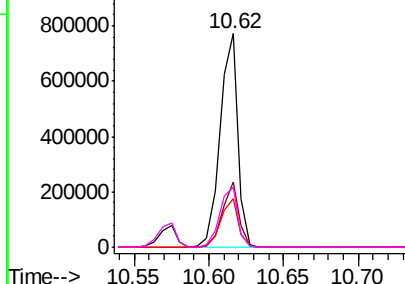
#63
Azobenzene
Concen: 46.097 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	645562
Ion	Ratio	Lower	Upper
77	100		
182	30.7	5.7	45.7
105	23.0	2.2	42.2
51	28.3	9.6	49.6

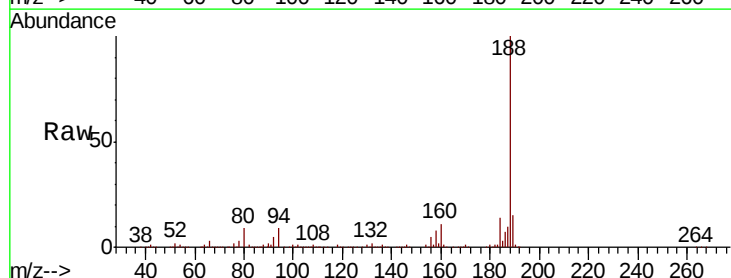


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

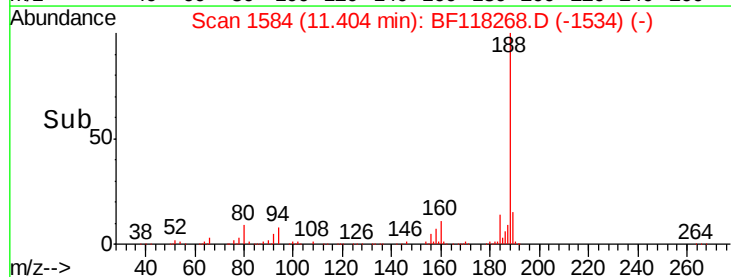
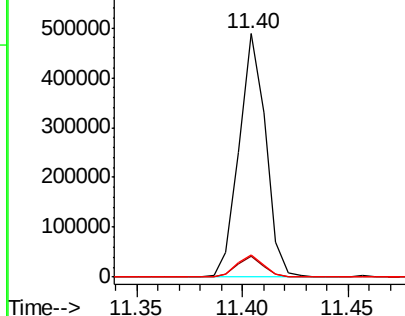


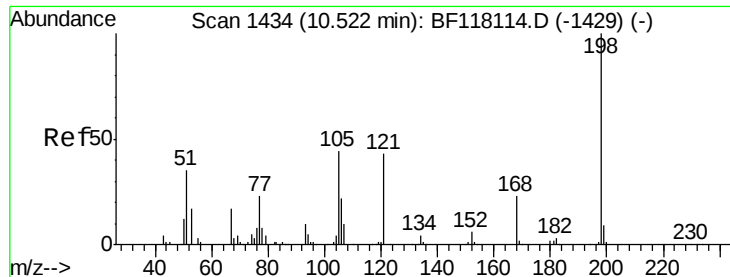
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:	188	Resp:	425686
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.3	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
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: 48.072 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampled :

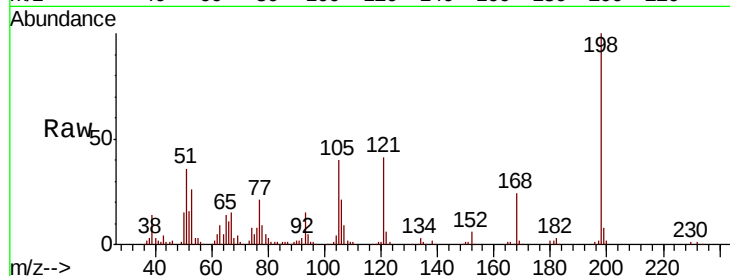
Tot Ion:198 Resp: 113010

Ion	Ratio	Lower	Upper
198	100		
51	36.0	22.0	62.0
105	39.8	25.6	65.6

198 100

51 36.0 22.0 62.0

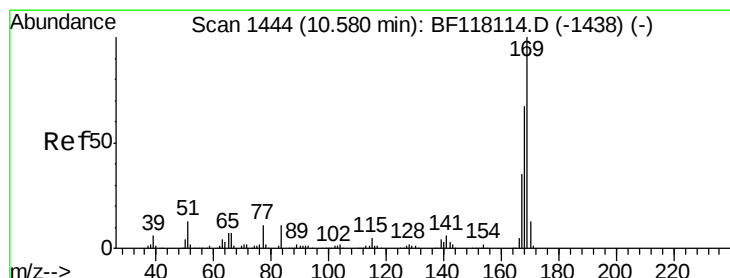
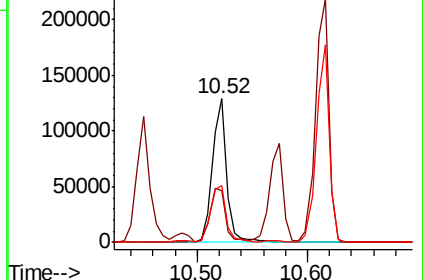
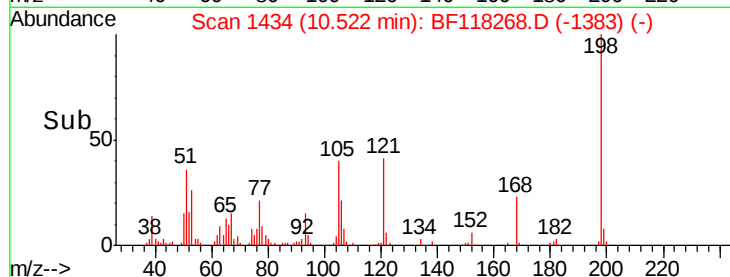
105 39.8 25.6 65.6



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: 46.336 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

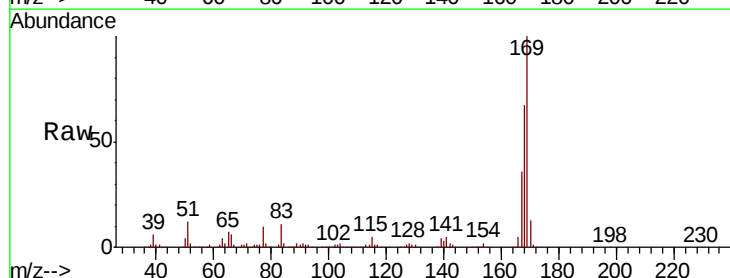
Tgt Ion:169 Resp: 615968

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	35.7	28.4	42.6

169 100

168 66.8 53.4 80.2

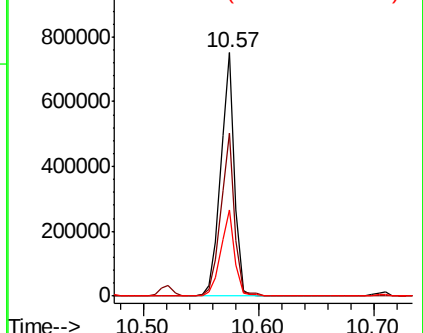
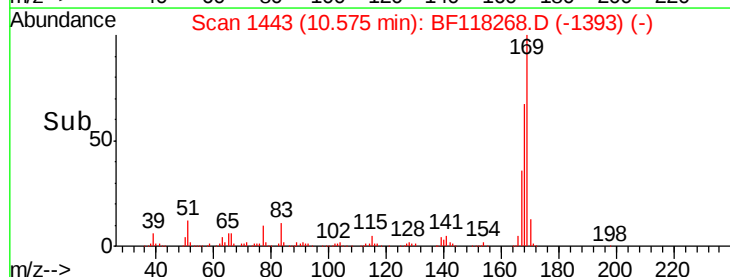
167 35.7 28.4 42.6

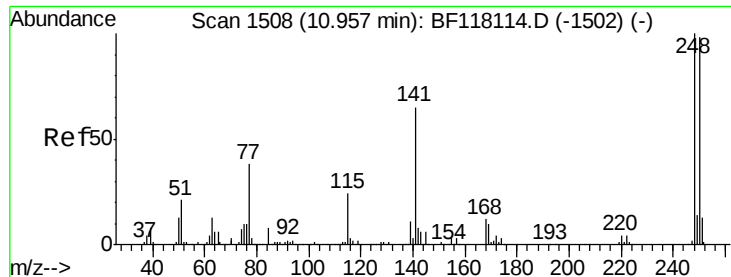


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

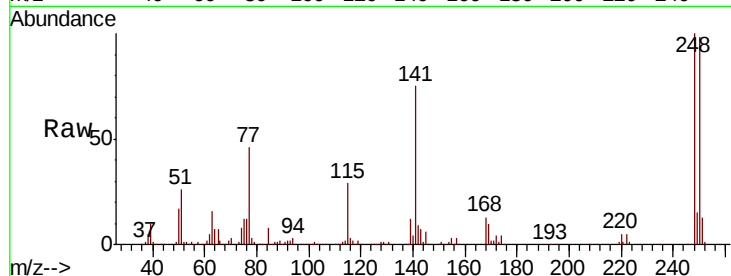




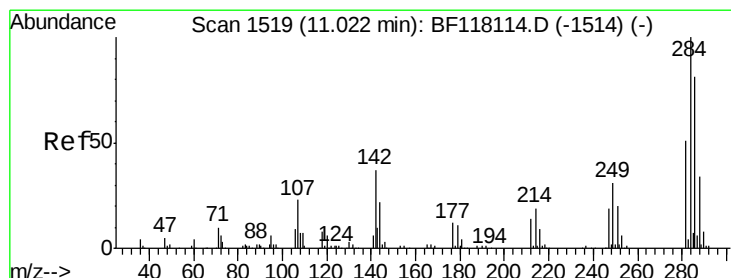
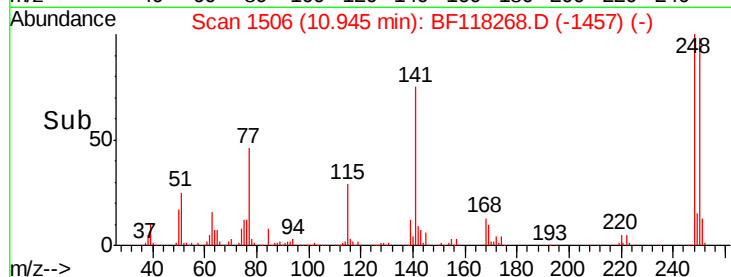
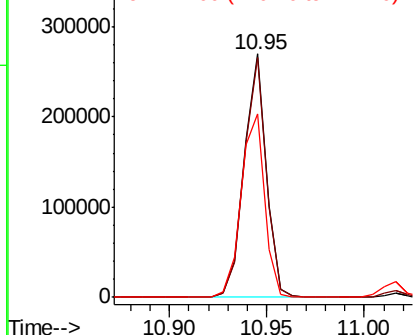
#67
4-Bromophenyl-phenylether
Concen: 43.720 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 212446
Ion Ratio Lower Upper
248 100
250 98.4 78.3 117.5
141 75.5 52.2 78.4

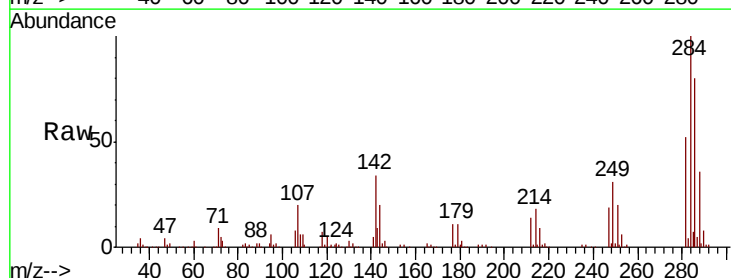


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

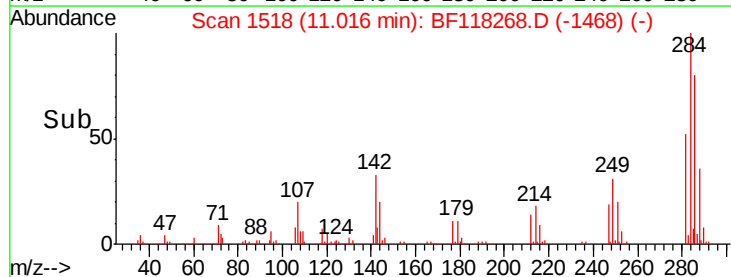
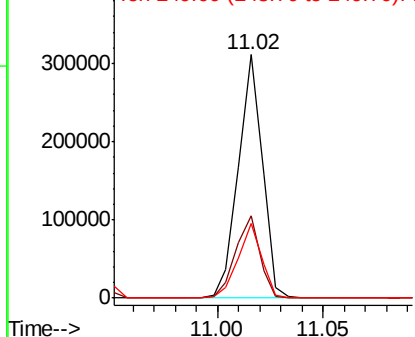


#68
Hexachlorobenzene
Concen: 42.836 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:284 Resp: 244998
Ion Ratio Lower Upper
284 100
142 33.6 29.7 44.5
249 30.7 24.6 37.0



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

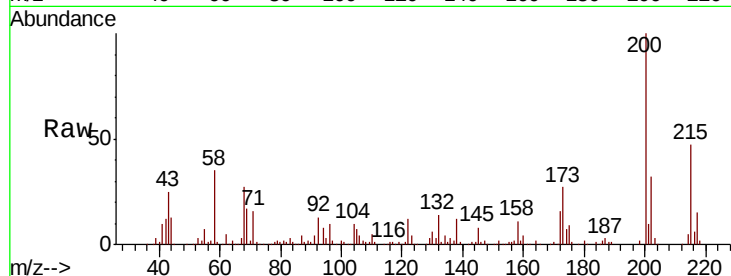




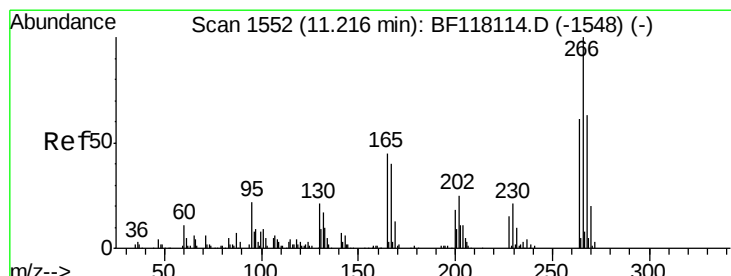
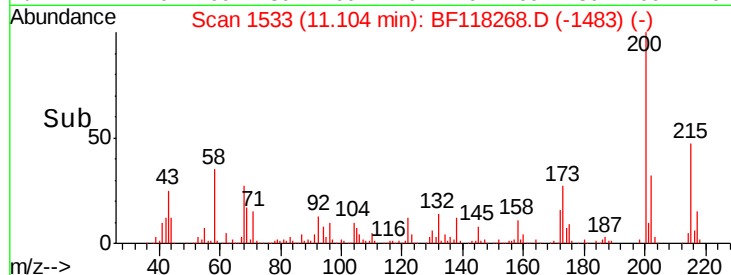
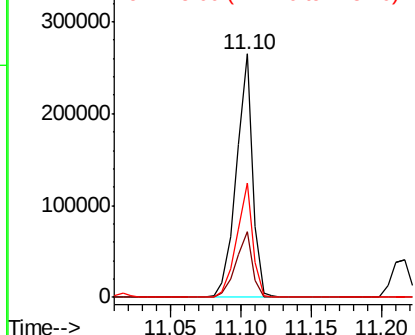
#69
Atrazine
Concen: Below Cal
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.1	48.1
215	46.7	29.0	69.0

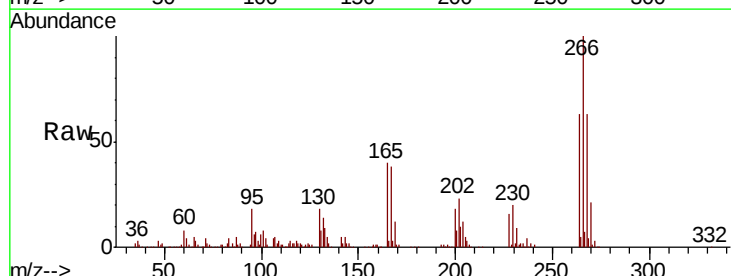


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

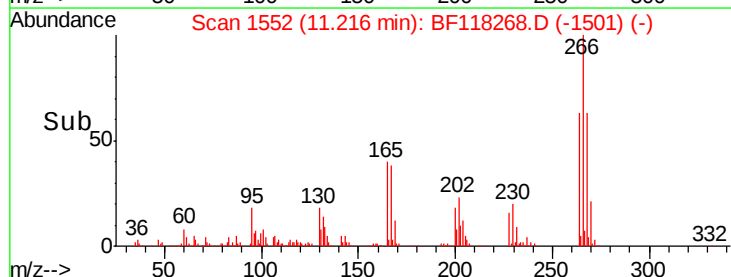
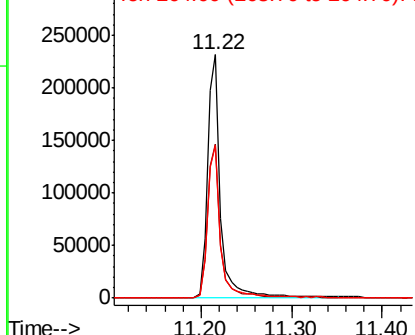


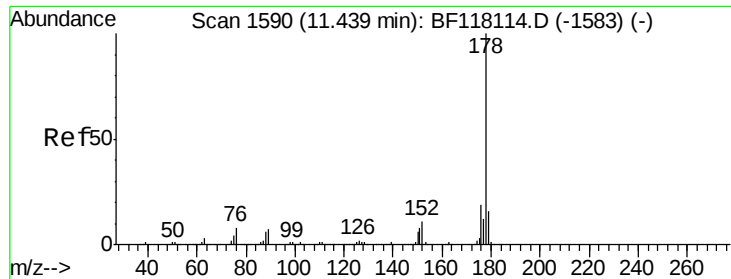
#70
Pentachlorophenol
Concen: 88.012 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.7	76.1
264	62.5	48.7	73.1



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: 45.357 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

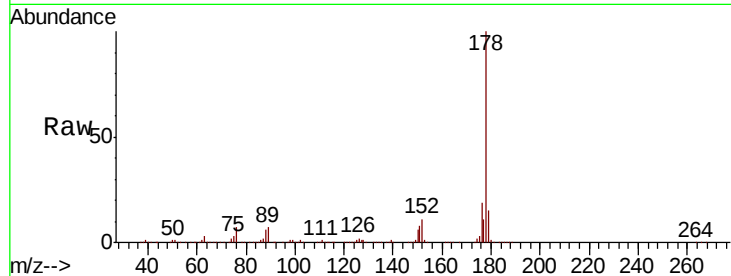
Tot Ion:178 Resp: 1026391

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.3	12.6	18.8

178 100

176 19.3 15.5 23.3

179 15.3 12.6 18.8

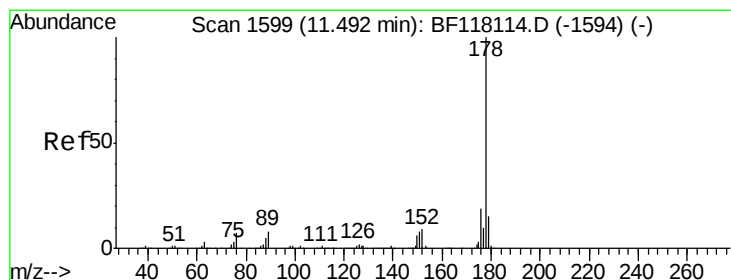
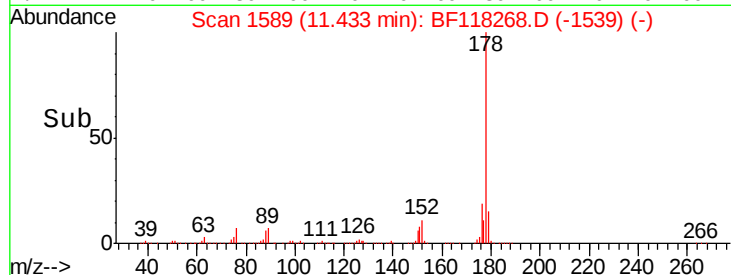
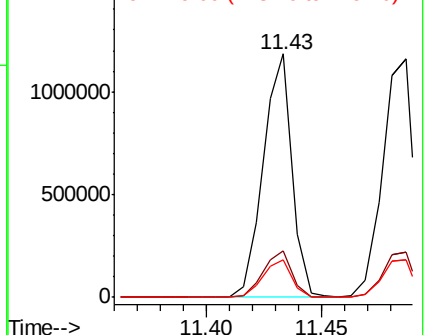


Abundance

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: 47.697 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

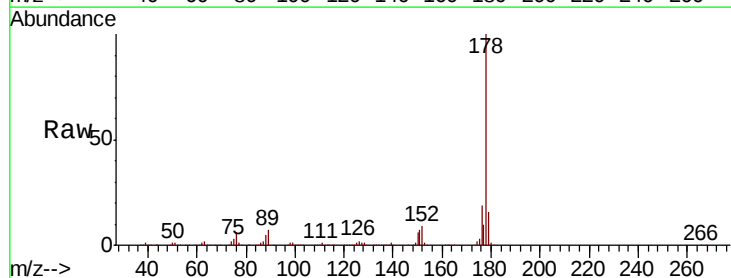
Tgt Ion:178 Resp: 1076714

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.2	18.4

178 100

176 18.8 15.0 22.6

179 15.5 12.2 18.4

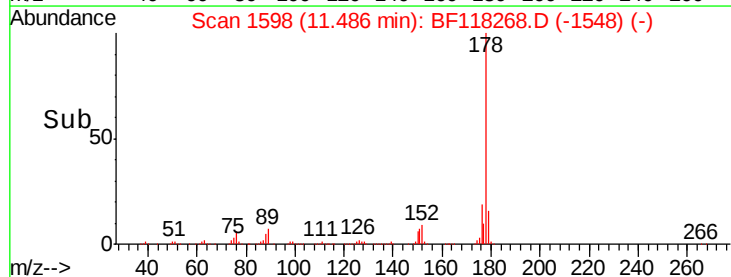
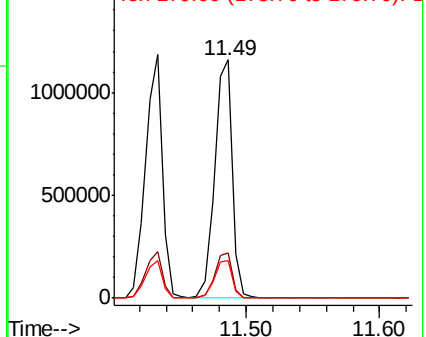


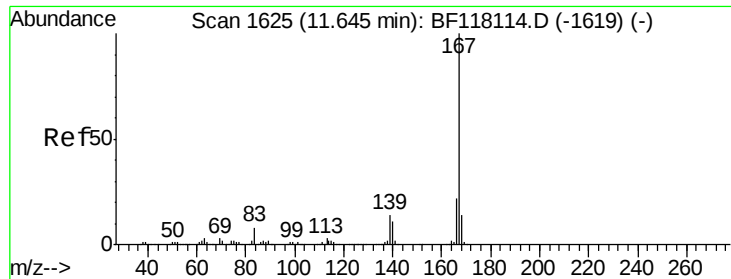
Abundance

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

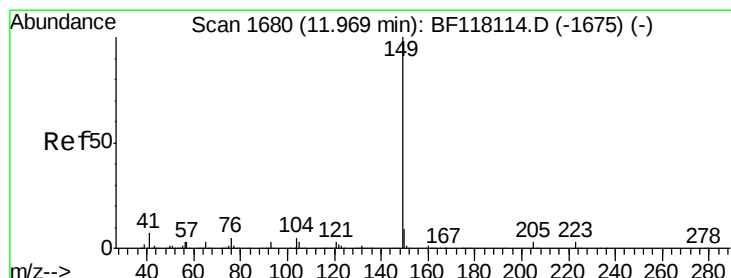
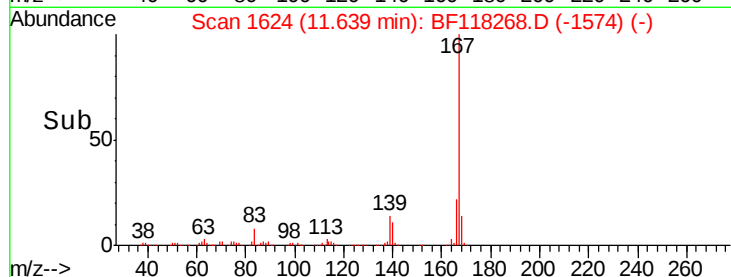
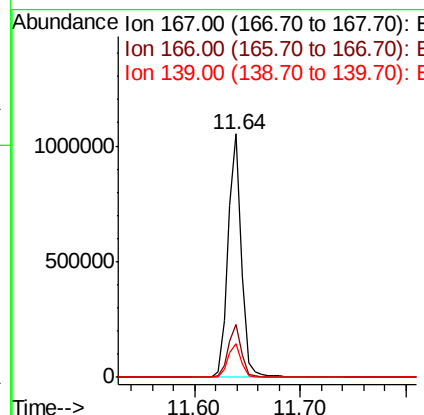
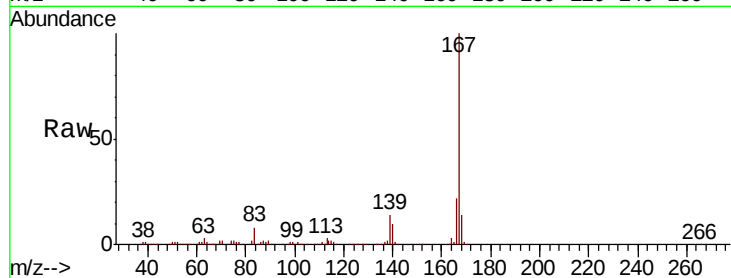




#73
 Carbazole
 Concen: 46.153 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

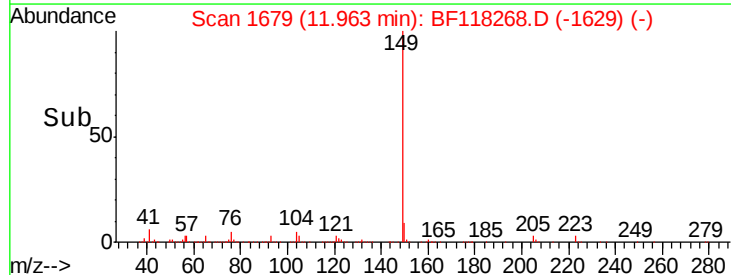
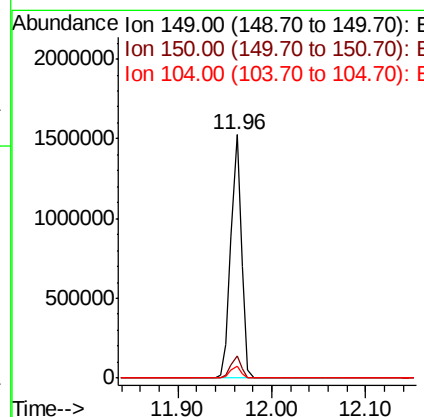
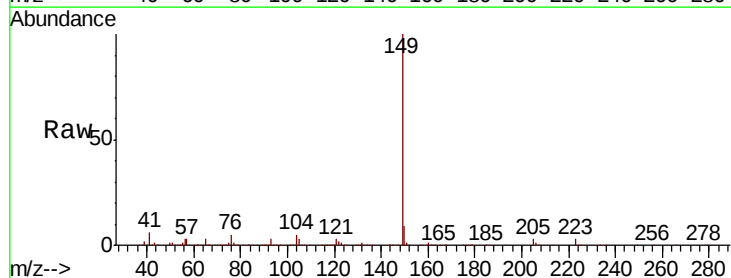
Instrument :
 BNA_F
 ClientSampleId :

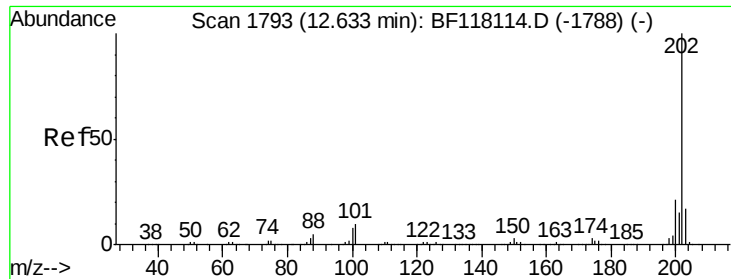
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.6	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 47.489 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.1	4.3	6.5



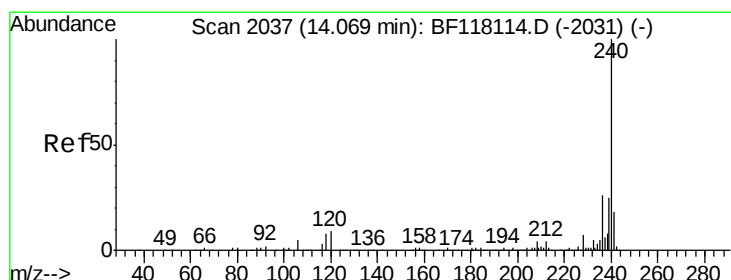
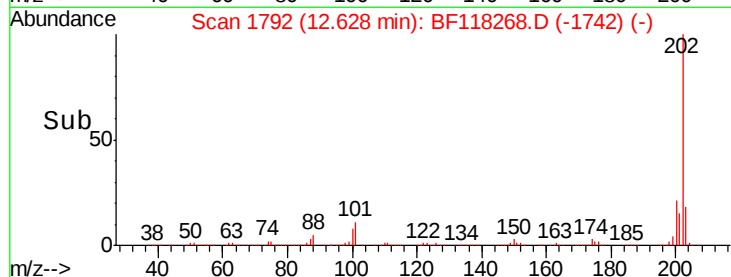
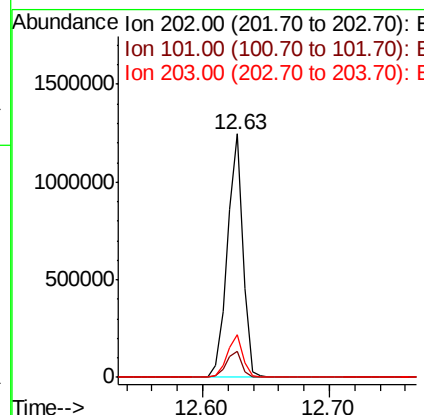
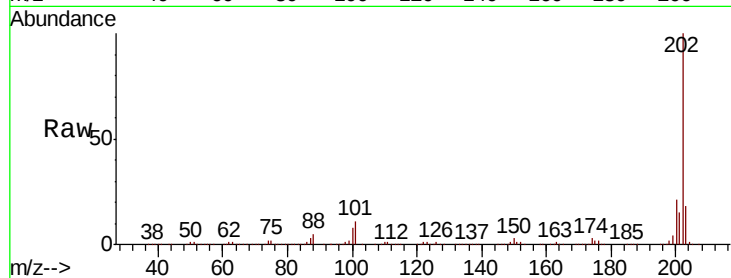


#75
 Fluoranthene
 Concen: 46.178 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1068382

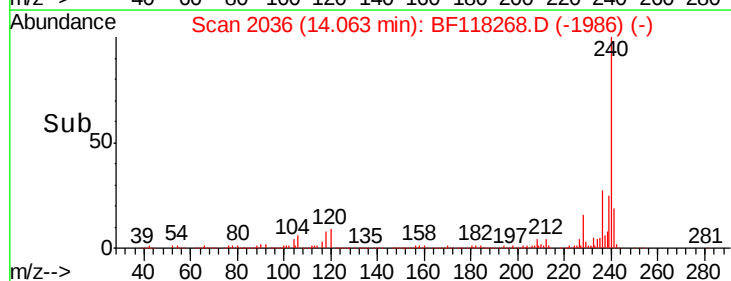
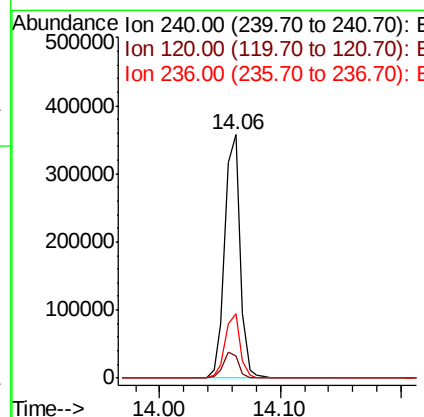
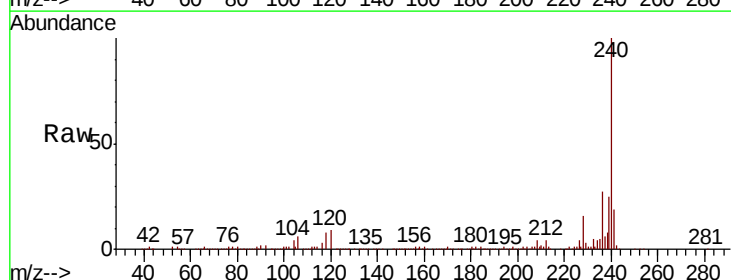
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.4
203	17.7	0.0	37.2

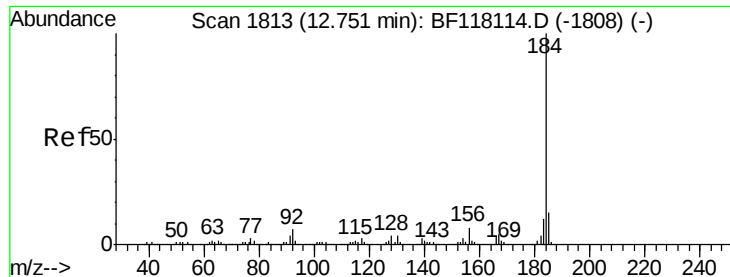


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion:240 Resp: 312630

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	26.6	21.0	31.6





#77

Benzidine

Concen: 45.821 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

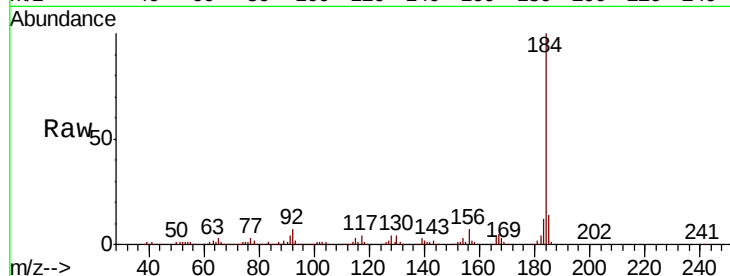
Tot Ion:184 Resp: 377109

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

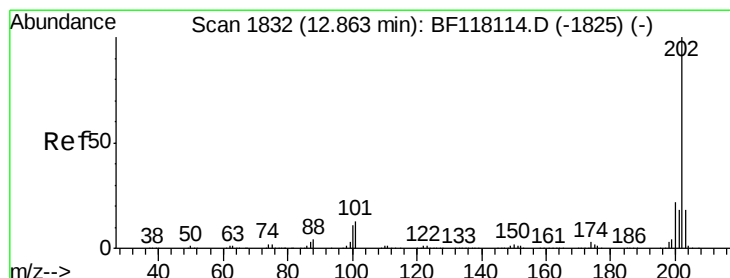
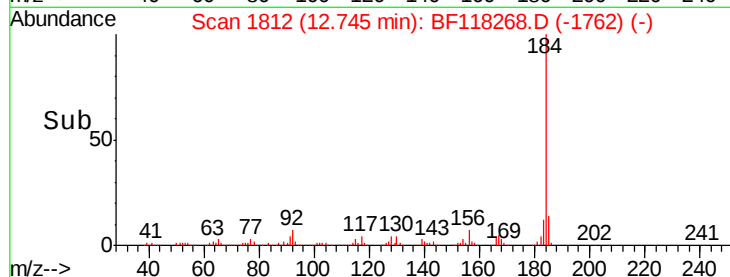
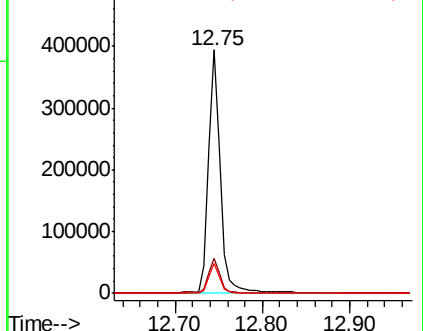
183 12.2 9.9 14.9



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: 43.390 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

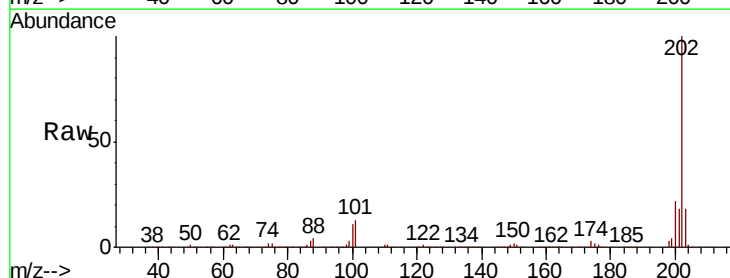
Tgt Ion:202 Resp: 1068994

Ion Ratio Lower Upper

202 100

200 22.0 17.5 26.3

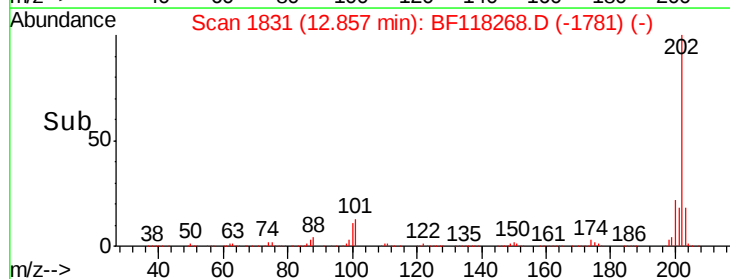
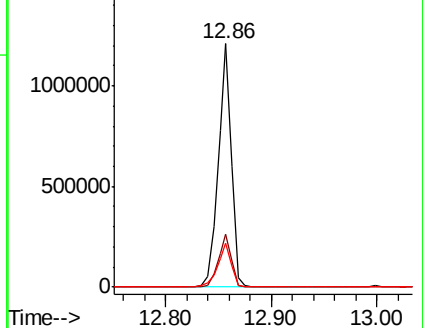
203 17.9 14.6 21.8

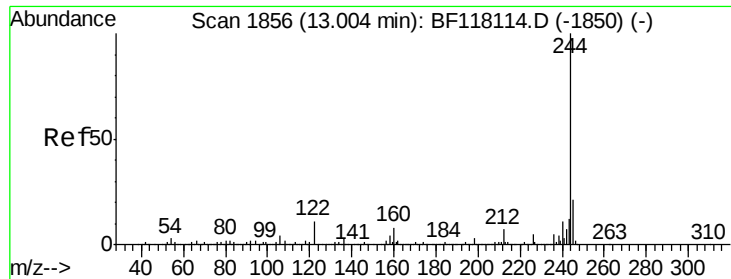


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.288 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

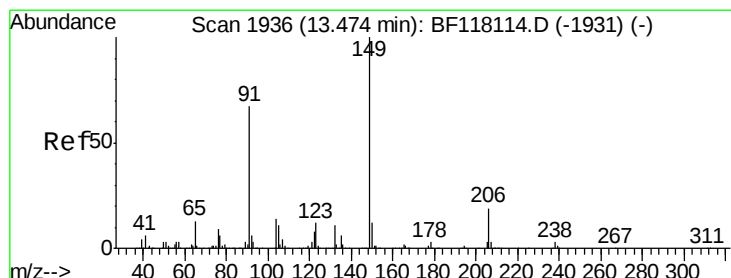
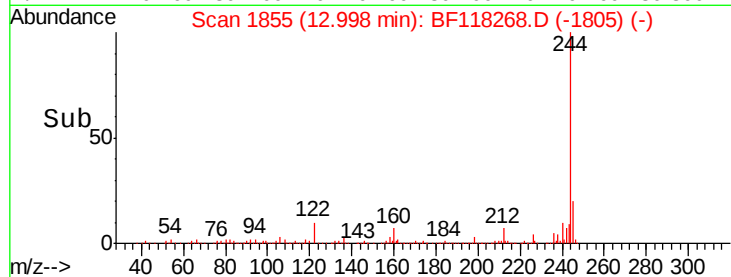
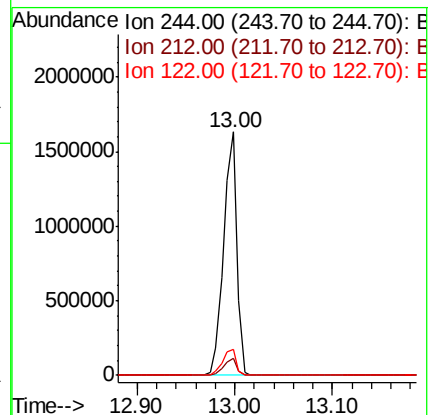
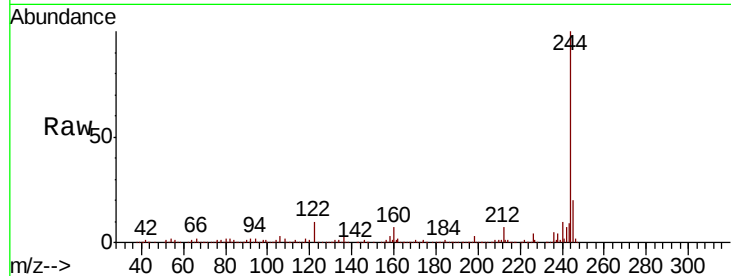
Tot Ion:244 Resp: 1532358

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.5 9.0 13.6



#80

Butylbenzylphthalate

Concen: 45.612 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

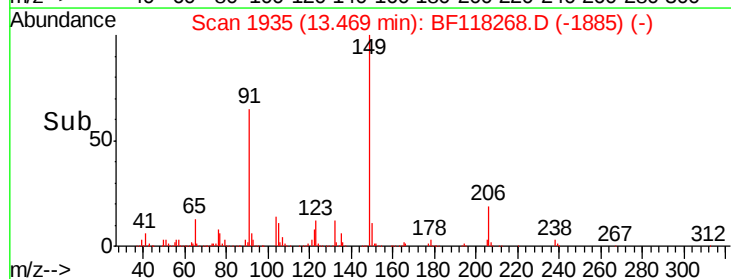
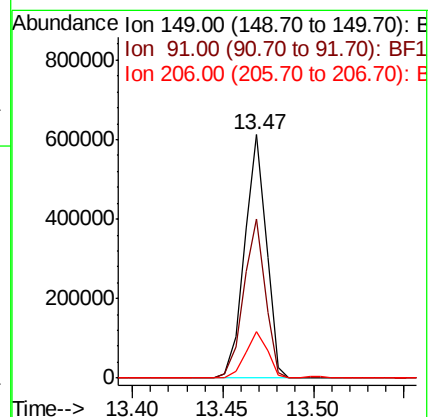
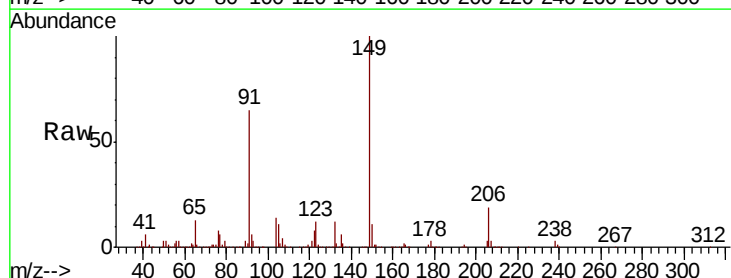
Tgt Ion:149 Resp: 508916

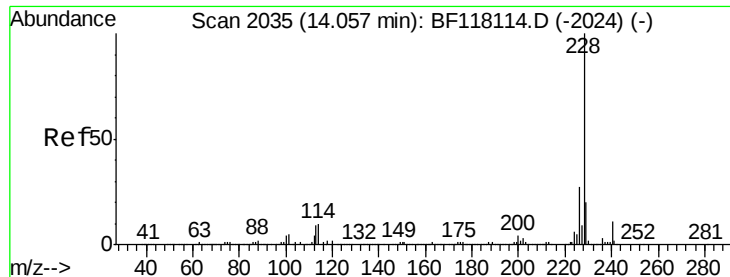
Ion Ratio Lower Upper

149 100

91 65.4 53.9 80.9

206 19.3 15.2 22.8

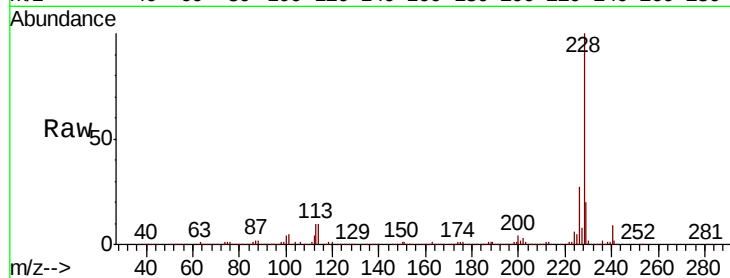




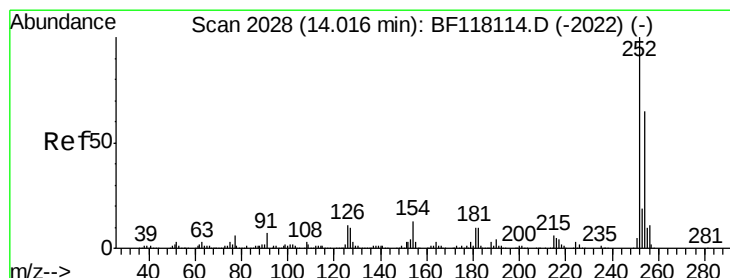
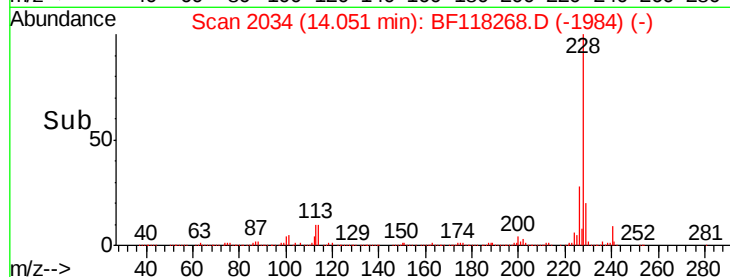
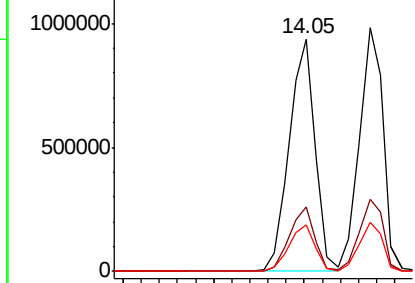
#81
Benzo(a)anthracene
Concen: 43.438 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 939019
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.1 15.8 23.8

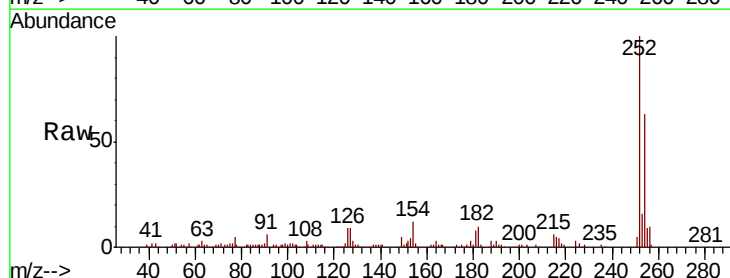


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

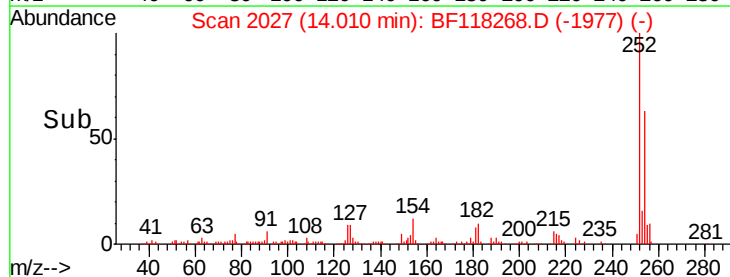
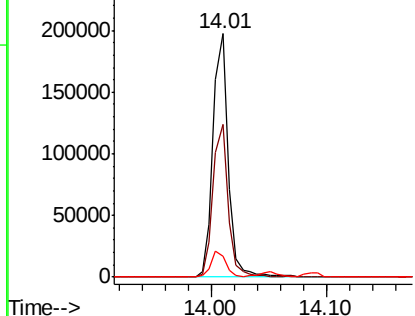


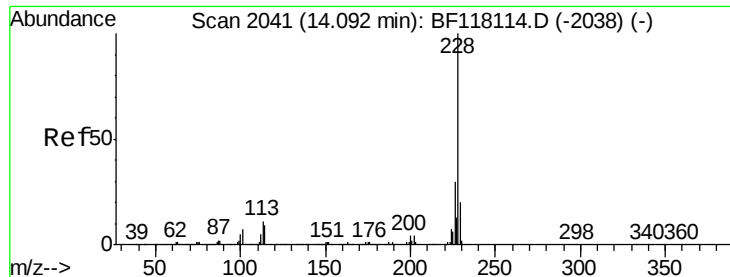
#82
3,3'-Dichlorobenzidine
Concen: 25.562 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:252 Resp: 181481
Ion Ratio Lower Upper
252 100
254 63.0 52.2 78.4
126 8.8 8.6 13.0



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: 43.706 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampled :

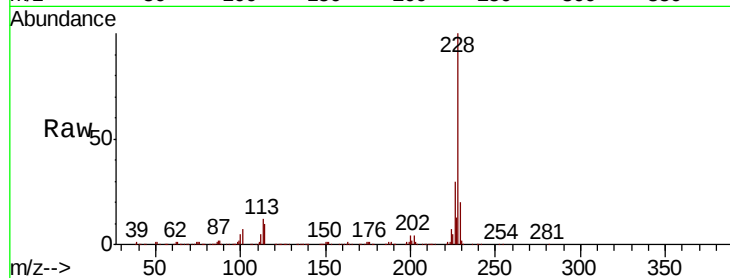
Tot Ion:228 Resp: 902515

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

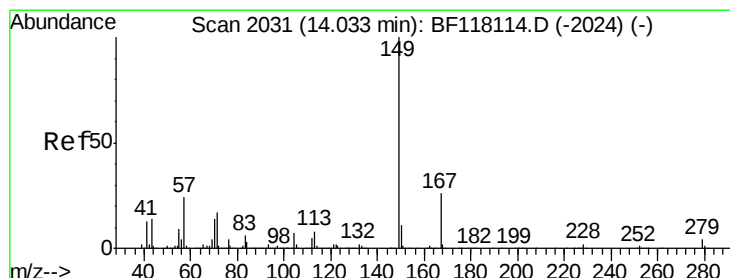
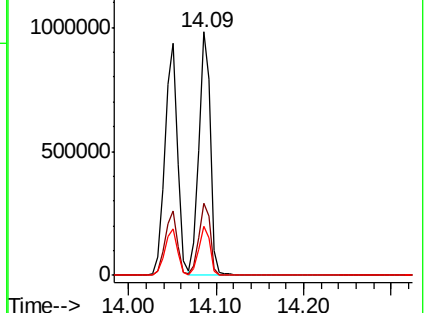
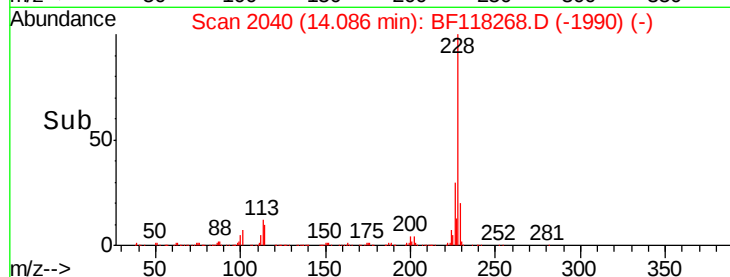
229 20.2 15.7 23.5



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: 49.152 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

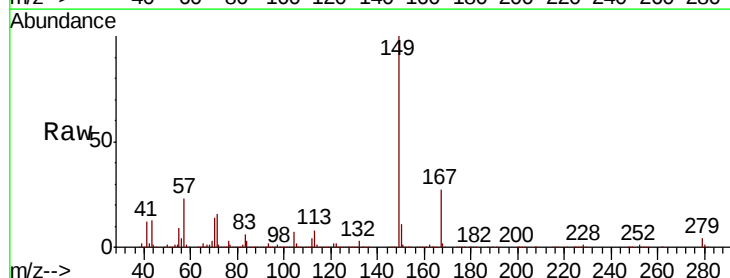
Tgt Ion:149 Resp: 723143

Ion Ratio Lower Upper

149 100

167 26.5 20.8 31.2

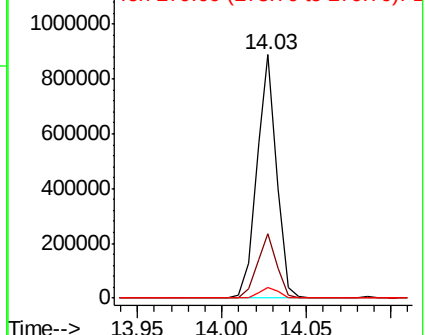
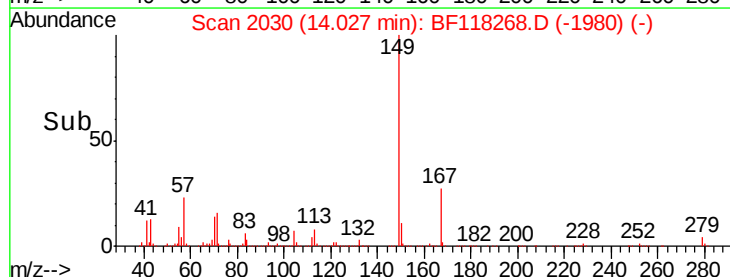
279 4.4 2.9 4.3#

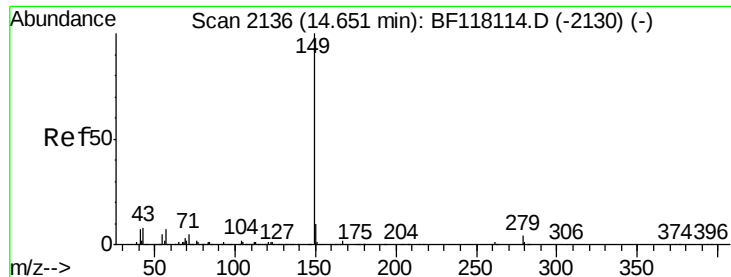


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.100 ng

RT: 14.65 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

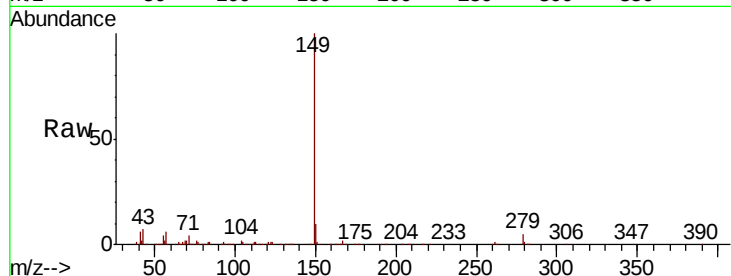
Tot Ion:149 Resp: 1138857

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

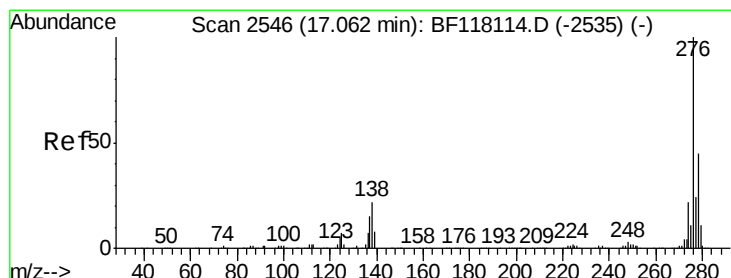
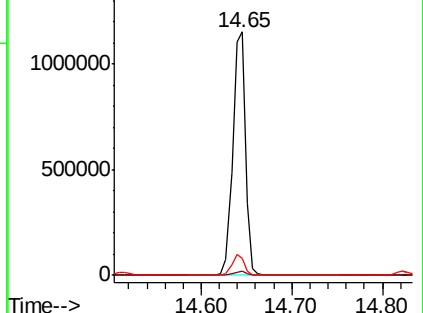
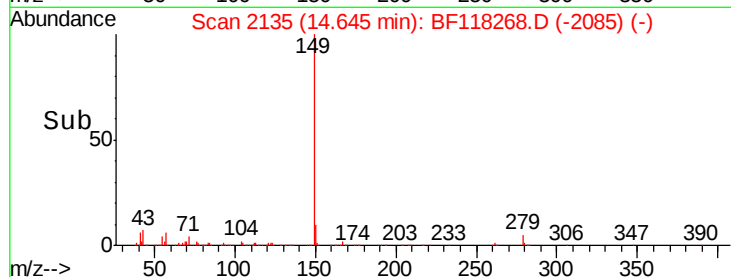
43 7.8 6.5 9.7



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: 52.679 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

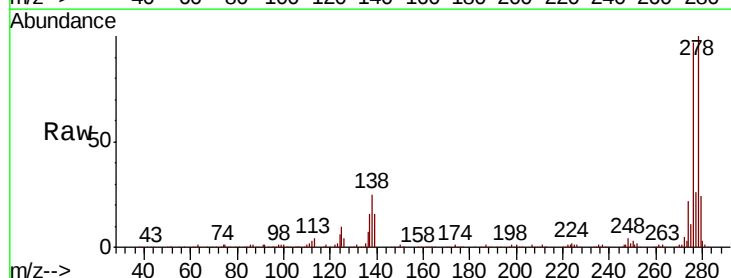
Tgt Ion:276 Resp: 915279

Ion Ratio Lower Upper

276 100

138 24.1 18.9 28.3

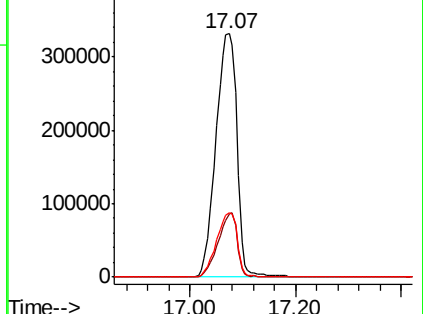
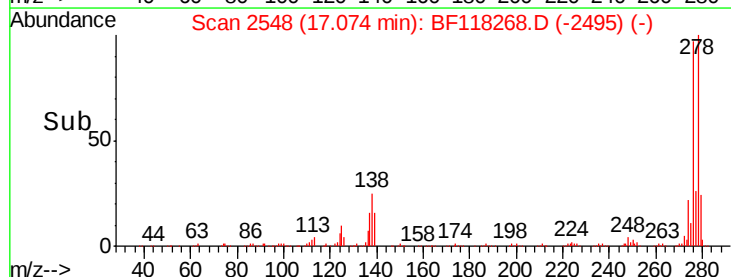
277 25.9 20.4 30.6

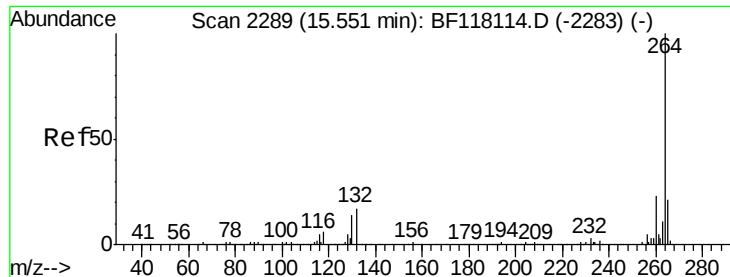


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

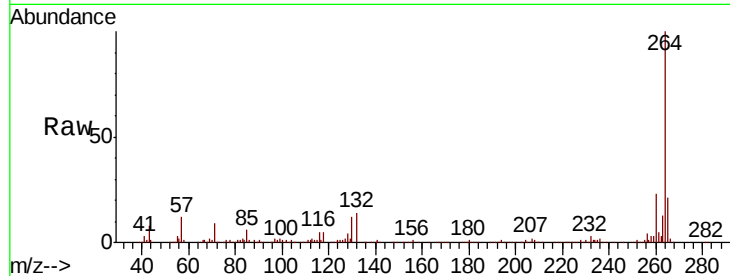




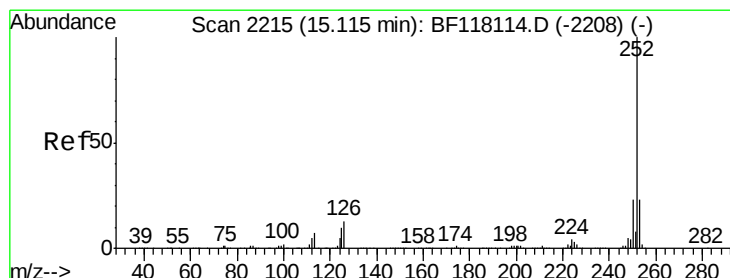
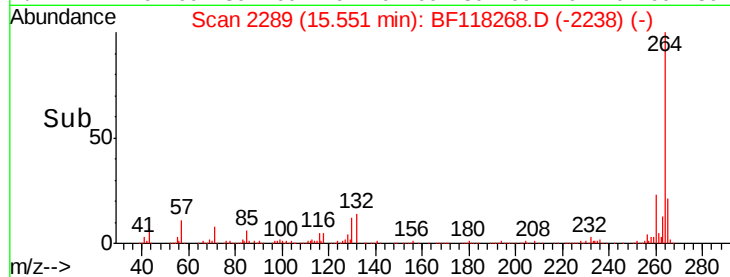
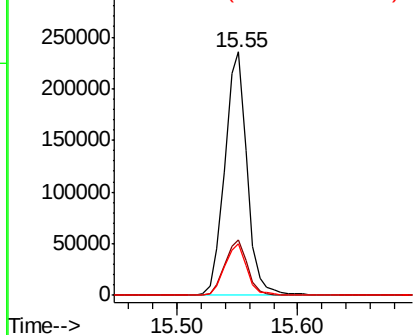
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 301486
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.4 16.8 25.2

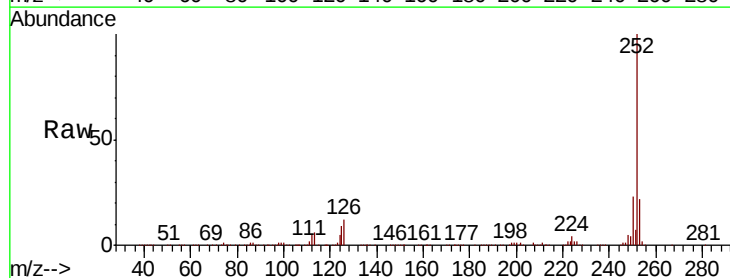


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

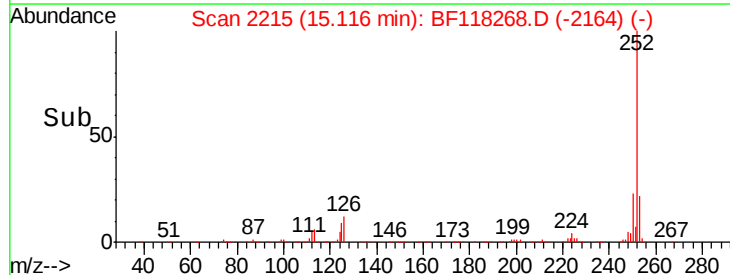
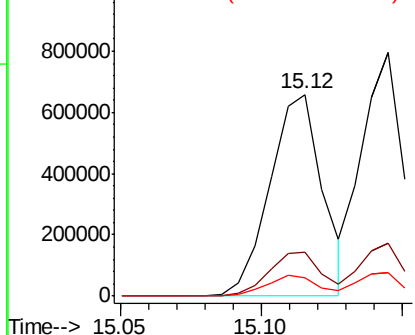


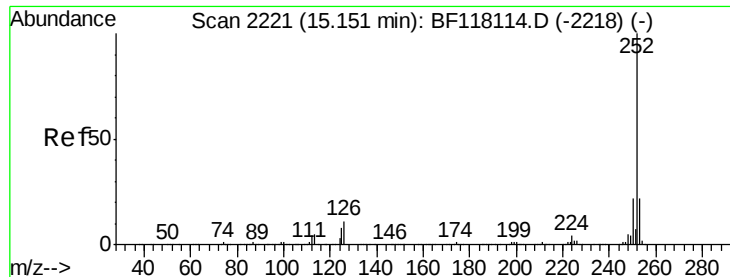
#88
Benzo(b)fluoranthene
Concen: 42.739 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:252 Resp: 852193
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 9.0 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

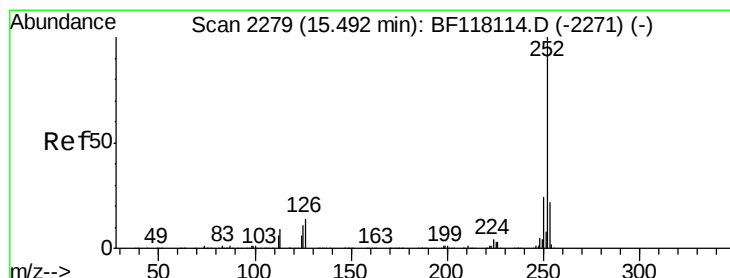
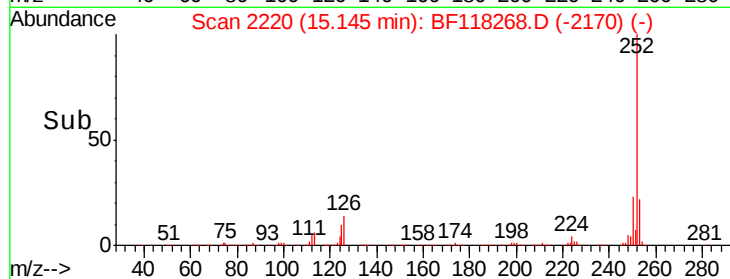
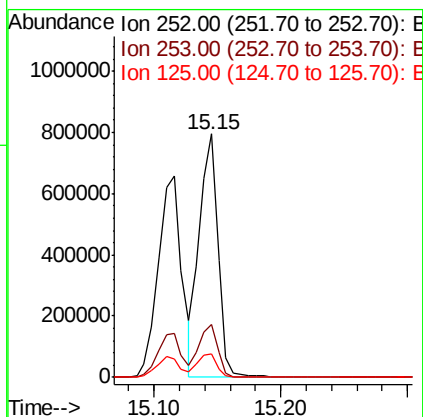
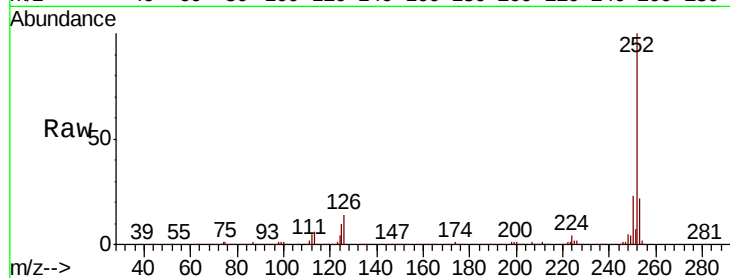




#89
Benzo(k)fluoranthene
Concen: 42.285 ng
RT: 15.15 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

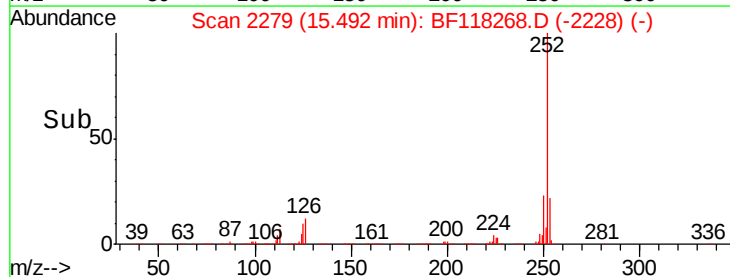
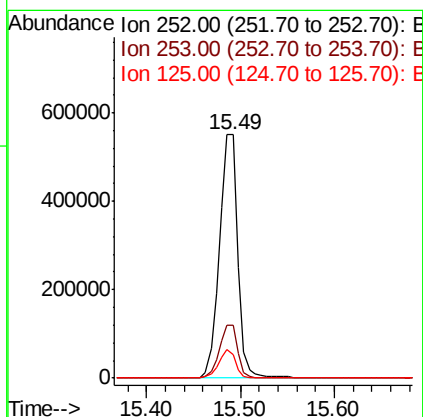
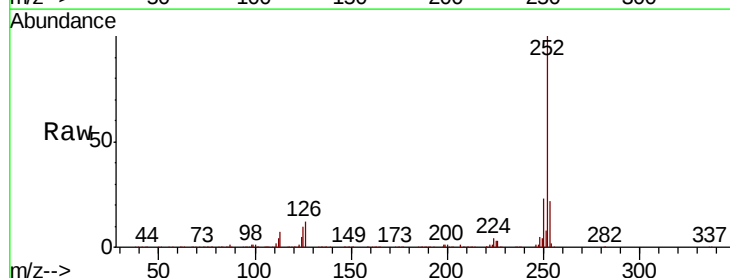
Instrument :
BNA_F
ClientSampleId :

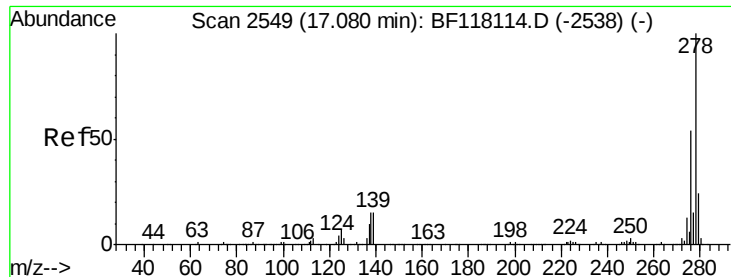
Tot Ion:252 Resp: 809975
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.7 6.7 10.1



#90
Benzo(a)pyrene
Concen: 42.714 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:252 Resp: 752199
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.7 9.1 13.7



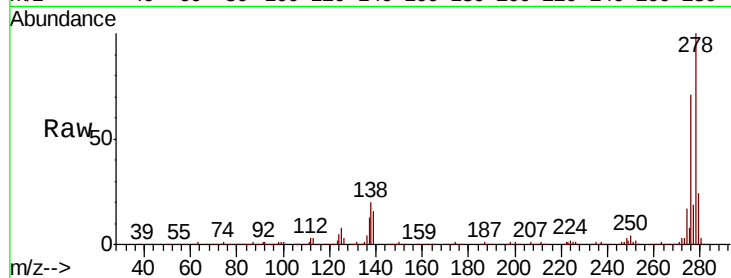


#91
Dibenzo(a,h)anthracene
Concen: 51.012 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

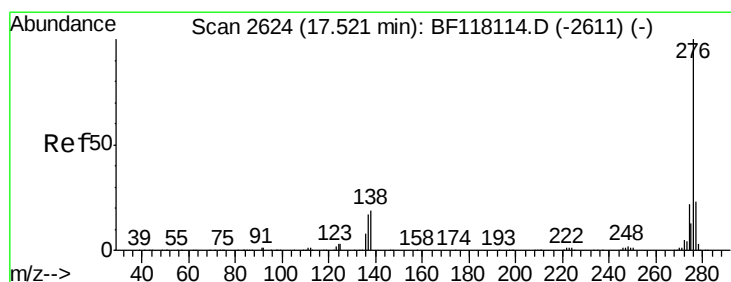
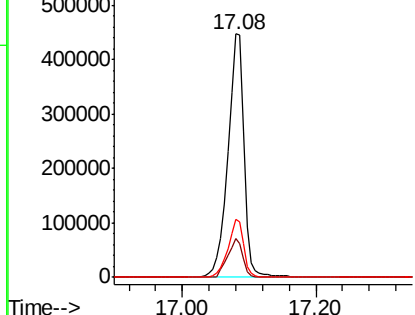
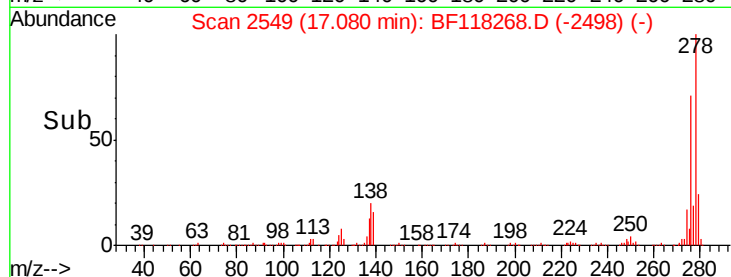
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 770503

Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.7	17.5
279	23.9	19.0	28.4



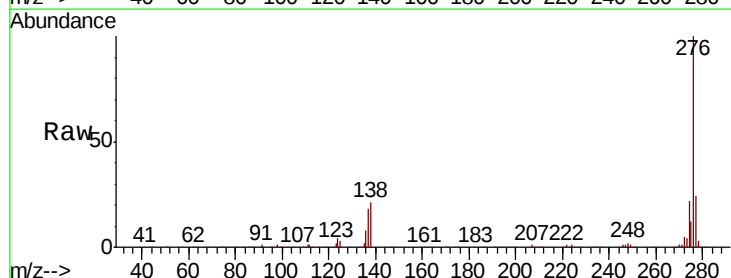
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.640 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion:276 Resp: 778559

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.2	27.4
138	20.8	15.5	23.3



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

