

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119247.D
 Acq On : 6 Mar 2020 9:13
 Operator : CG/JU
 Sample : L1721-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 12:54:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134394	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	516213	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	275546	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	454210	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	264103	20.00	ng	-0.02
87) Perylene-d12	15.31	264	307563	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	937474	116.57	ng	0.00
7) Phenol-d6	6.39	99	1055717	107.94	ng	-0.02
23) Nitrobenzene-d5	7.29	82	819952	83.87	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	417293	115.77	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1626626	86.97	ng	-0.02
79) Terphenyl-d14	12.83	244	1423314	92.79	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	134235	37.490	ng	# 79
3) Pyridine	3.39	79	99993	10.226	ng	99
4) n-Nitrosodimethylamine	3.21	42	129912	43.857	ng	90
6) Aniline	6.40	93	86529	7.170	ng	# 1
8) 2-Chlorophenol	6.52	128	402349	46.360	ng	99
9) Benzaldehyde	6.28	77	283698	43.416	ng	99
10) Phenol	6.40	94	407728	38.558	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	375300	46.385	ng	98
12) 1,3-Dichlorobenzene	6.67	146	415330	39.928	ng	100
13) 1,4-Dichlorobenzene	6.74	146	422075	40.549	ng	99
14) 1,2-Dichlorobenzene	6.90	146	388650	40.940	ng	97
15) Benzyl Alcohol	6.88	79	339254	47.994	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	295032	42.095	ng	# 30
17) 2-Methylphenol	7.00	107	314894	44.753	ng	# 93
18) Hexachloroethane	7.23	117	150132	40.314	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	281926	49.469	ng	97
20) 3+4-Methylphenols	7.16	107	438860	50.909	ng	# 85
22) Acetophenone	7.14	105	554547	46.430	ng	# 95
24) Nitrobenzene	7.31	77	421176	43.563	ng	96
25) Isophorone	7.55	82	760516	44.791	ng	99
26) 2-Nitrophenol	7.63	139	223358	43.602	ng	99
27) 2,4-Dimethylphenol	7.67	122	347287	49.952	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	466315	42.194	ng	99
29) 2,4-Dichlorophenol	7.88	162	355226	43.401	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	380195	39.179	ng	97
31) Naphthalene	8.03	128	1138765	42.536	ng	99
32) Benzoic acid	7.85	122	207733	41.930	ng	99
33) 4-Chloroaniline	8.09	127	79876	6.937	ng	98
34) Hexachlorobutadiene	8.15	225	235376	38.940	ng	98
35) Caprolactam	8.47	113	78179	31.021	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	371068	44.797	ng	97
37) 2-Methylnaphthalene	8.72	142	796406	44.204	ng	98
38) 1-Methylnaphthalene	8.82	142	733790	43.307	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	394562	42.470	ng	100

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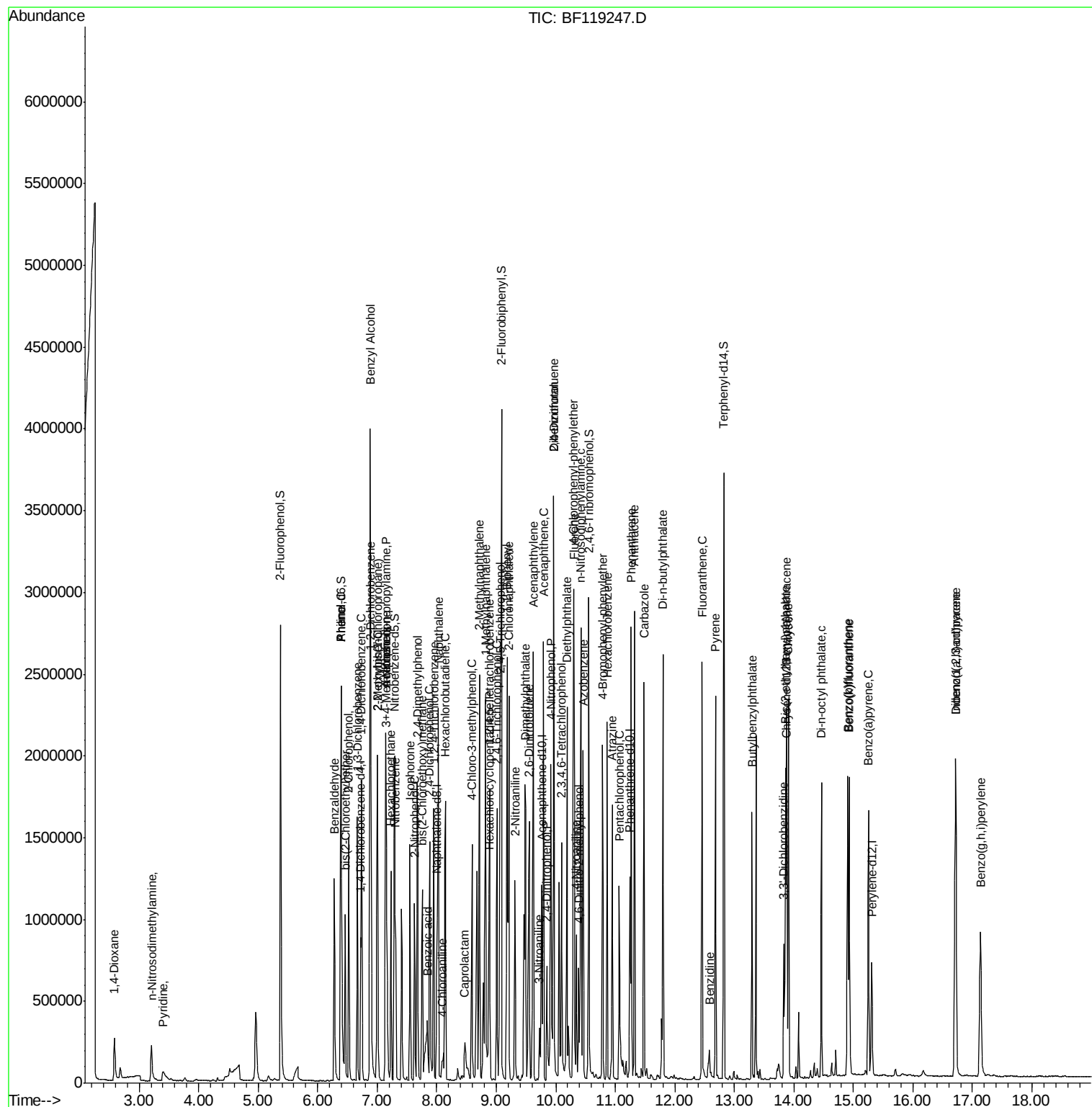
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	97729	34.901	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	255968	43.630	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	259272	42.115	ng	100
46) 1,1'-Biphenyl	9.19	154	959689	43.094	ng	98
47) 2-Chloronaphthalene	9.21	162	754805	42.060	ng	98
48) 2-Nitroaniline	9.32	65	214578	42.869	ng	99
49) Acenaphthylene	9.62	152	1139037	43.945	ng	100
50) Dimethylphthalate	9.49	163	1034392	49.092	ng	100
51) 2,6-Dinitrotoluene	9.56	165	204560	43.698	ng	91
52) Acenaphthene	9.79	154	671747	42.981	ng	99
53) 3-Nitroaniline	9.73	138	64475	12.424	ng	100
54) 2,4-Dinitrophenol	9.85	184	143409	64.617	ng	95
55) Dibenzofuran	9.97	168	994818	42.645	ng	99
56) 4-Nitrophenol	9.92	139	148328	47.570	ng	96
57) 2,4-Dinitrotoluene	9.97	165	252482	41.610	ng	96
58) Fluorene	10.31	166	800538	44.163	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	218069	41.979	ng	98
60) Diethylphthalate	10.19	149	897039	45.176	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	422930	44.078	ng	98
62) 4-Nitroaniline	10.35	138	152223	28.669	ng	95
63) Azobenzene	10.46	77	767355	44.460	ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	115945	42.185	ng	88
66) n-Nitrosodiphenylamine	10.42	169	725251	48.765	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	270521	45.564	ng	99
68) Hexachlorobenzene	10.86	284	293125	42.822	ng	98
69) Atrazine	10.95	200	226505	43.590	ng	98
70) Pentachlorophenol	11.07	266	222996	80.872	ng	99
71) Phenanthrene	11.27	178	1088917	43.960	ng	99
72) Anthracene	11.32	178	1124060	45.417	ng	99
73) Carbazole	11.48	167	931633	42.253	ng	99
74) Di-n-butylphthalate	11.80	149	1248844	46.771	ng	99
75) Fluoranthene	12.46	202	1004286	38.196	ng	99
77) Benzidine	12.58	184	70161	6.532	ng	98
78) Pyrene	12.69	202	966349	45.567	ng	98
80) Butylbenzylphthalate	13.30	149	414786	46.472	ng	97
81) Benzo(a)anthracene	13.87	228	812522	45.152	ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	191535	27.411	ng	100
83) Chrysene	13.91	228	788193	43.958	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	561714	49.815	ng	99
85) Di-n-octyl phthalate	14.46	149	894919	49.811	ng	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	952667	54.872	ng	99
88) Benzo(b)fluoranthene	14.90	252	842352	41.551	ng	99
89) Benzo(k)fluoranthene	14.93	252	828111	44.078	ng	99
90) Benzo(a)pyrene	15.25	252	779604	42.609	ng	98
91) Dibenzo(a,h)anthracene	16.72	278	807275	50.144	ng	99
92) Benzo(g,h,i)perylene	17.13	276	781855	49.153	ng	98

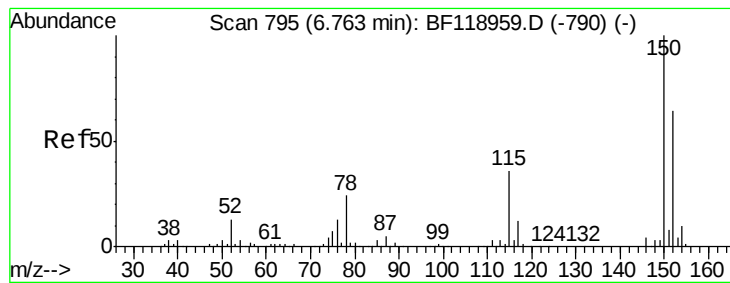
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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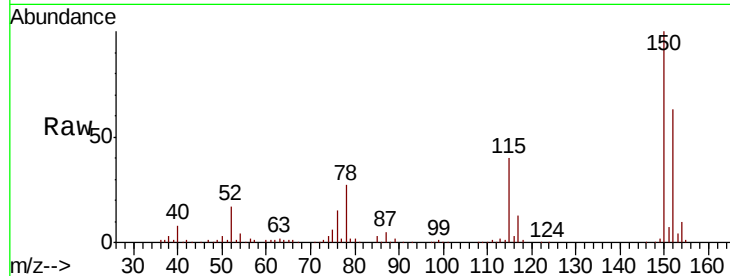


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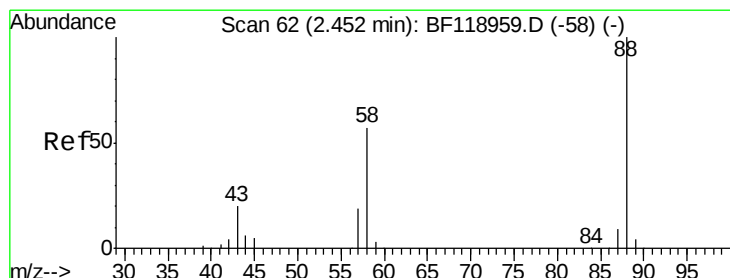
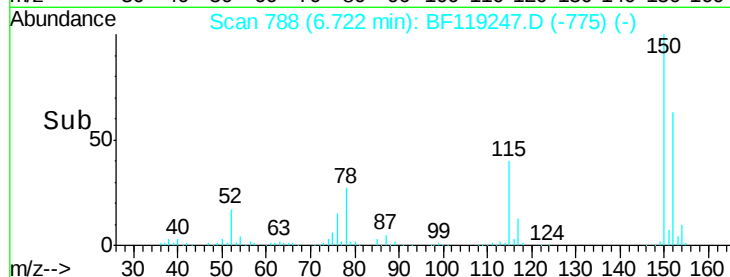
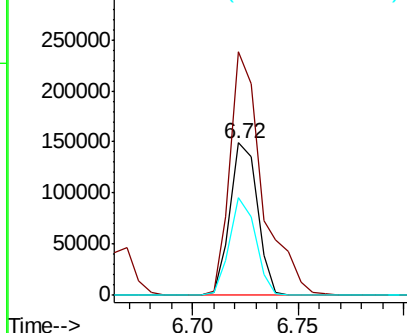
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134394
Ion Ratio Lower Upper
152 100
150 159.7 123.0 184.6
115 64.4 49.5 74.3



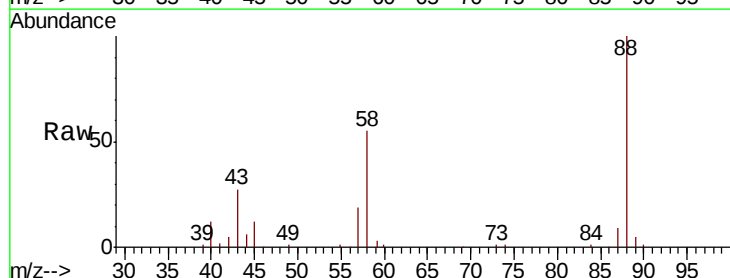
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



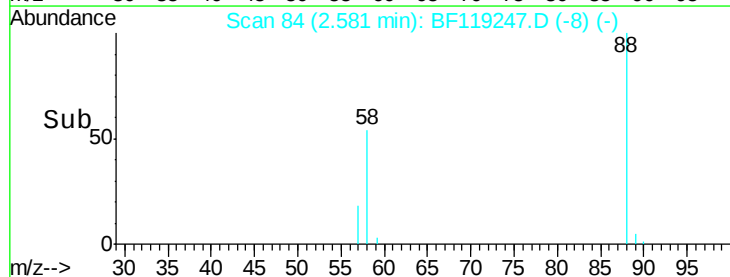
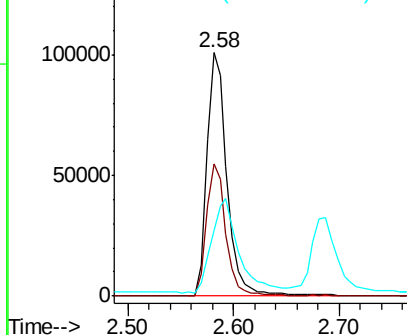
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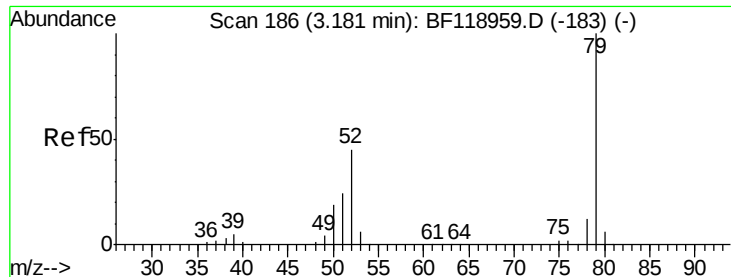
1,4-Dioxane
Concen: 37.490 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.15 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion: 88 Resp: 134235
Ion Ratio Lower Upper
88 100
58 52.3 43.8 65.6
43 52.7 16.2 24.4#



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: 10.226 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.24 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

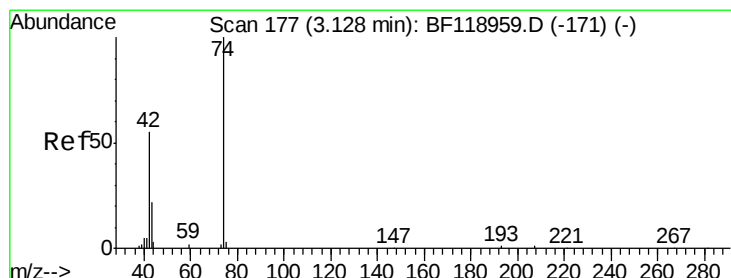
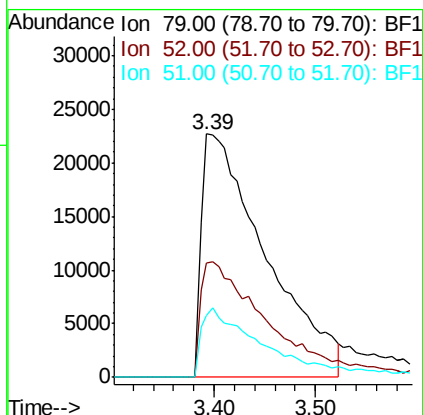
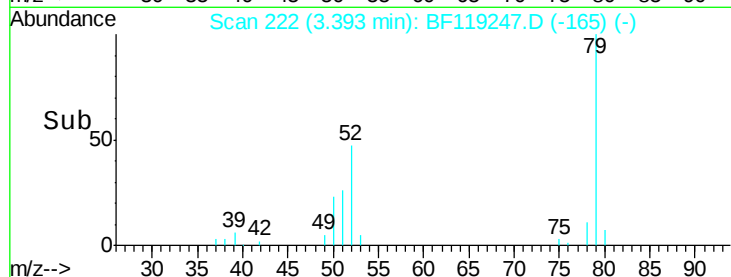
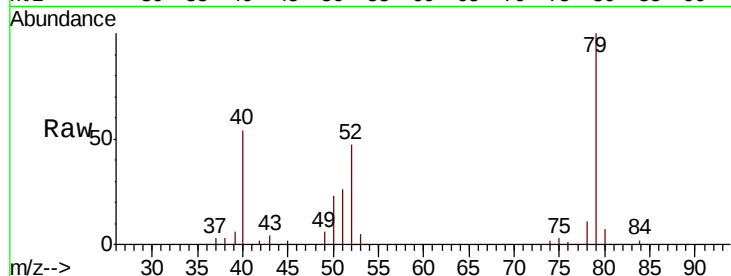
Tot Ion: 79 Resp: 99993

Ion Ratio Lower Upper

79 100

52 47.0 37.4 56.0

51 25.6 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 43.857 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.09 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

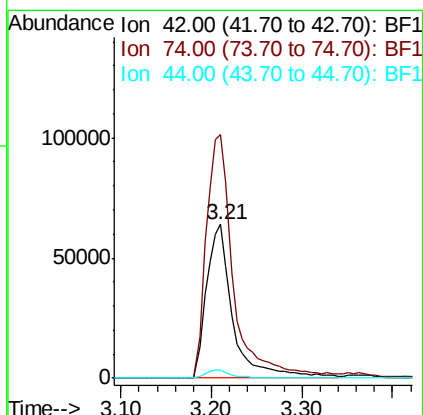
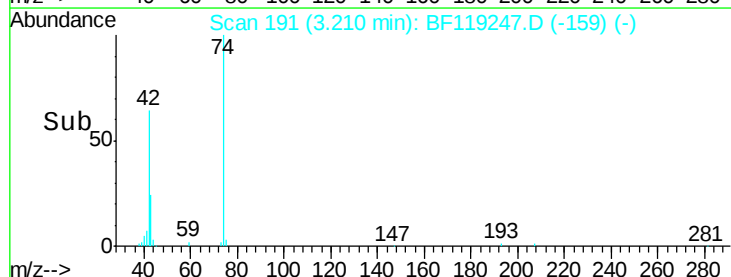
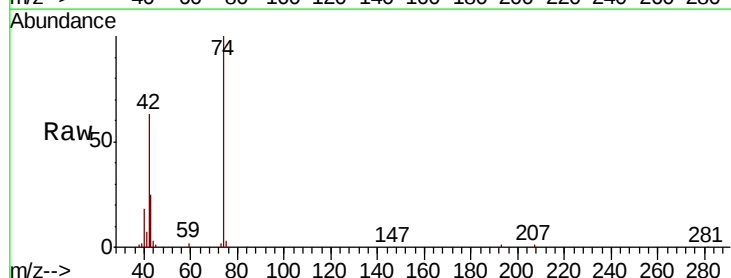
Tgt Ion: 42 Resp: 129912

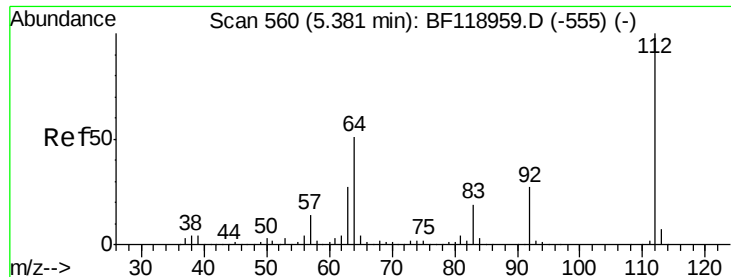
Ion Ratio Lower Upper

42 100

74 158.3 137.7 206.5

44 5.1 4.5 6.7





#5

2-Fluorophenol

Concen: 116.574 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampled :

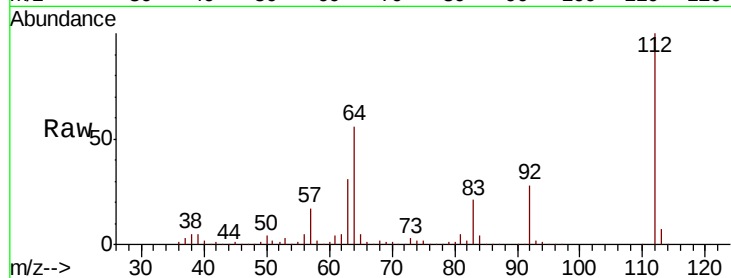
Tot Ion:112 Resp: 937474

Ion Ratio Lower Upper

112 100

64 56.2 45.0 67.4

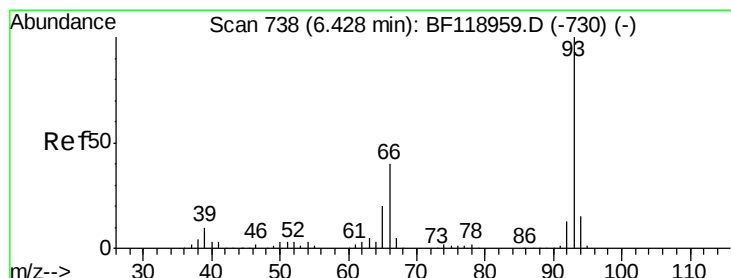
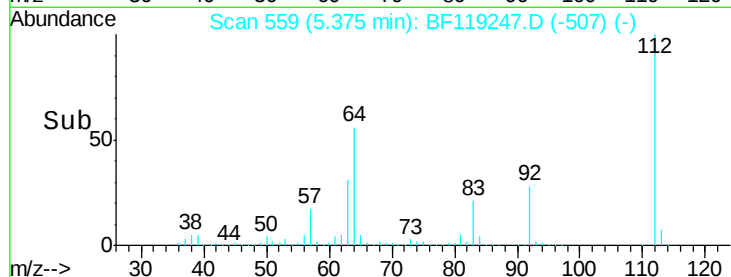
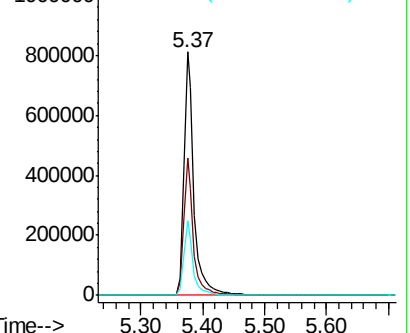
63 30.5 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.170 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

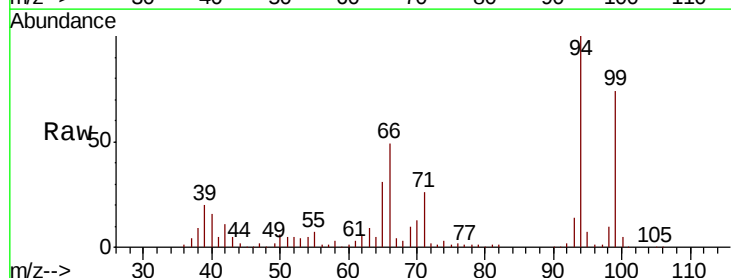
Tgt Ion: 93 Resp: 86529

Ion Ratio Lower Upper

93 100

66 344.7 74.5 111.7#

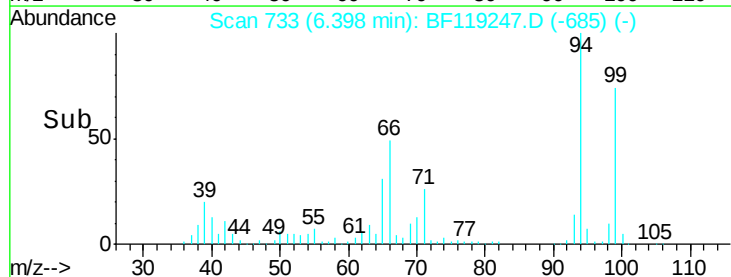
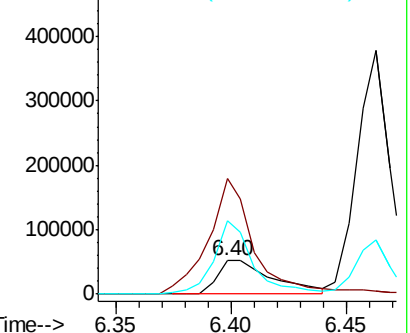
65 219.8 45.3 67.9#

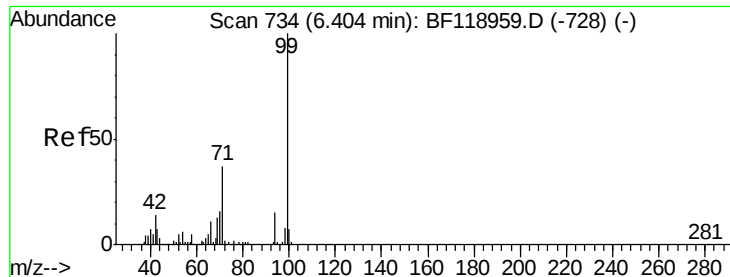


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.942 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

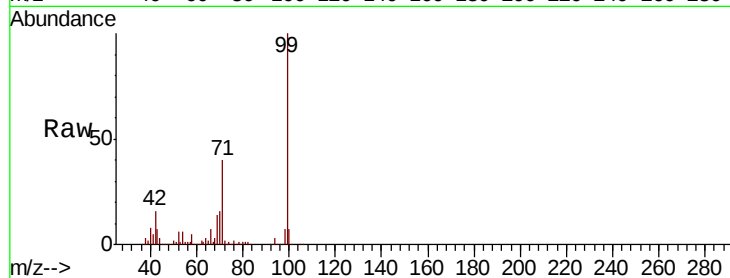
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1055717

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	39.8	31.0	46.4

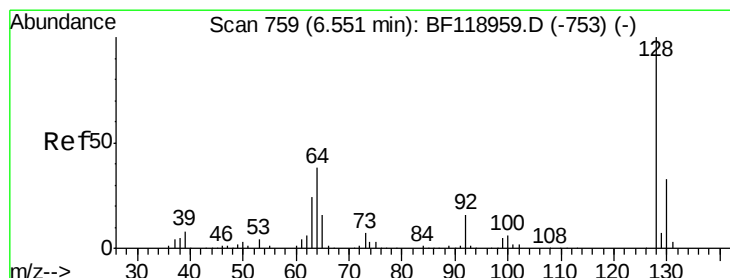
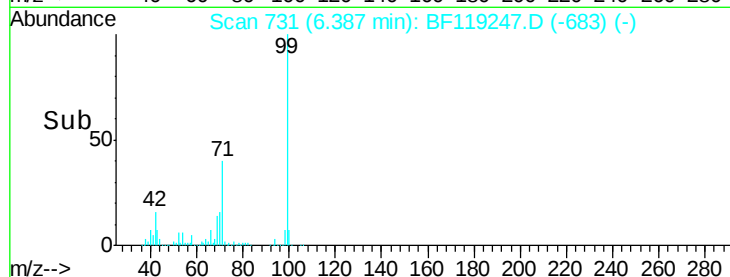
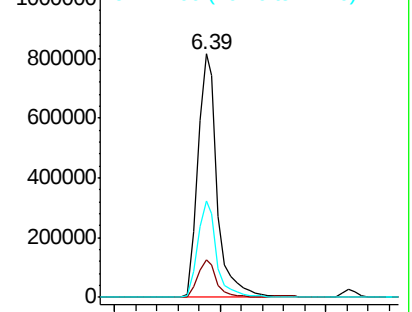


Abundance

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: 46.360 ng

RT: 6.52 min Scan# 754

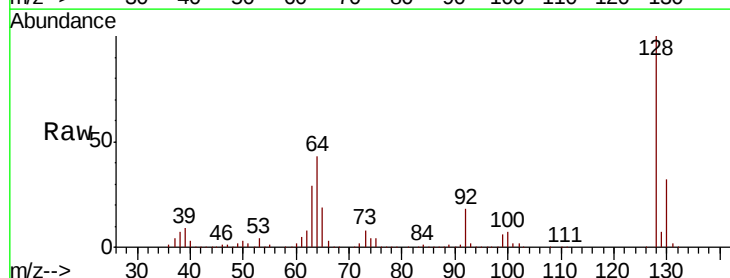
Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Tgt Ion: 128 Resp: 402349

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	43.0	22.3	62.3

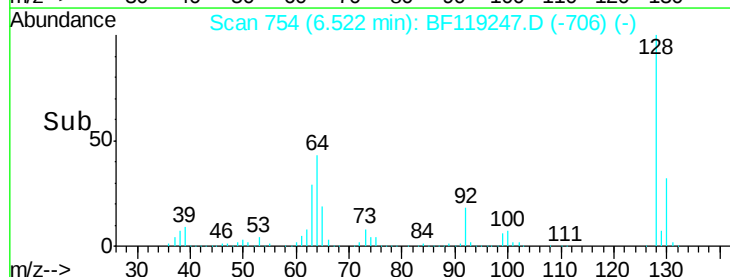
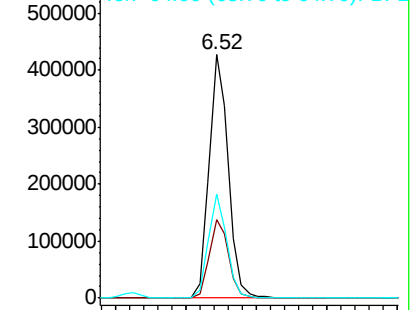


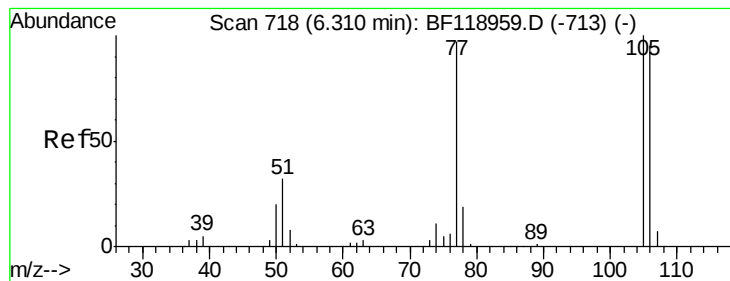
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.416 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

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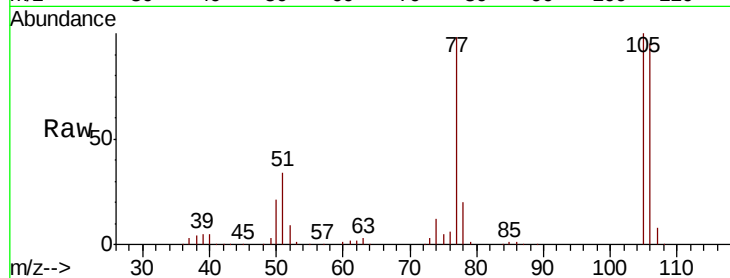
Tot Ion: 77 Resp: 283698

Ion Ratio Lower Upper

77 100

105 101.8 80.1 120.1

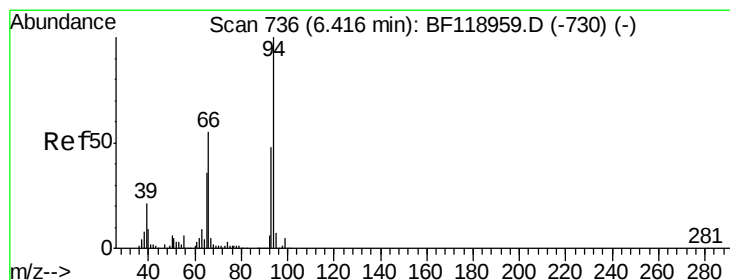
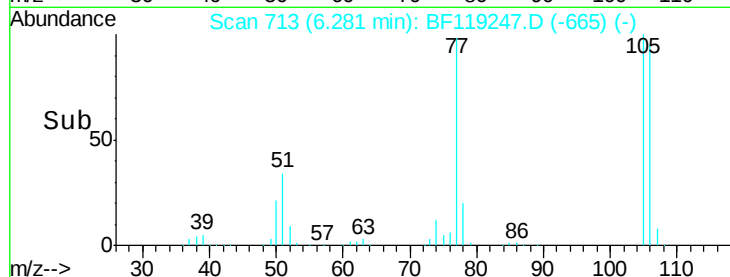
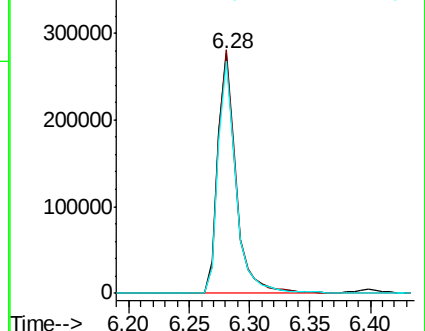
106 96.9 75.9 115.9



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: 38.558 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

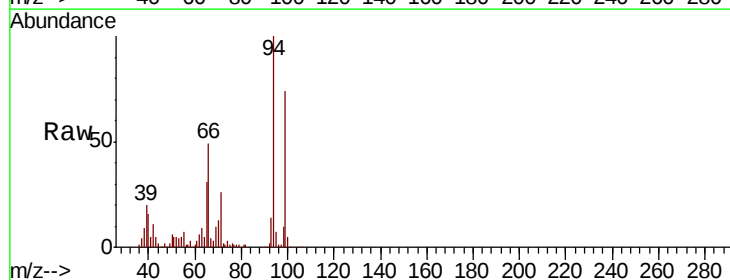
Tgt Ion: 94 Resp: 407728

Ion Ratio Lower Upper

94 100

65 31.2 19.2 59.2

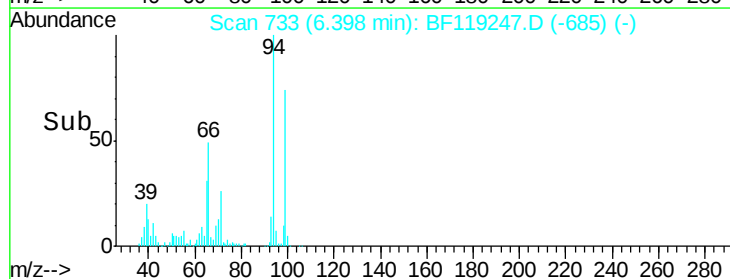
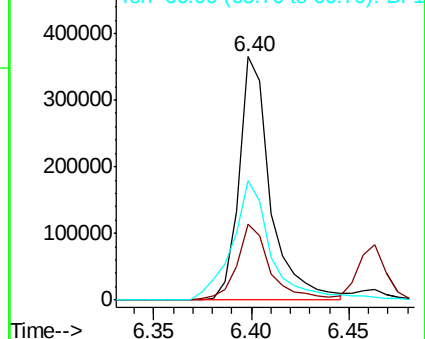
66 49.0 44.4 84.4

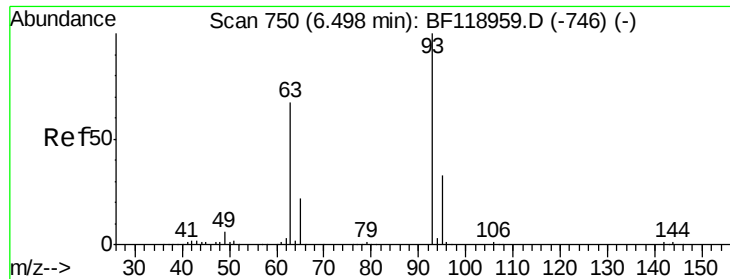


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

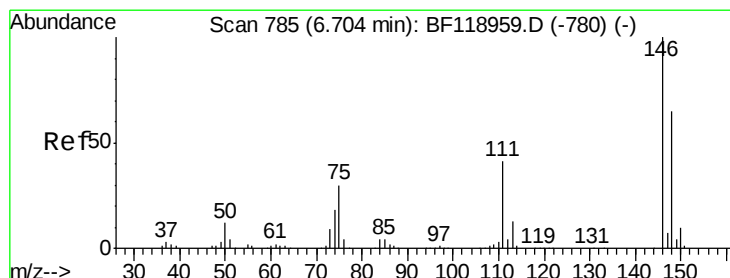
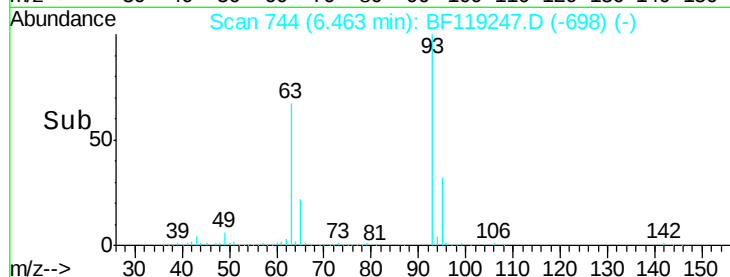
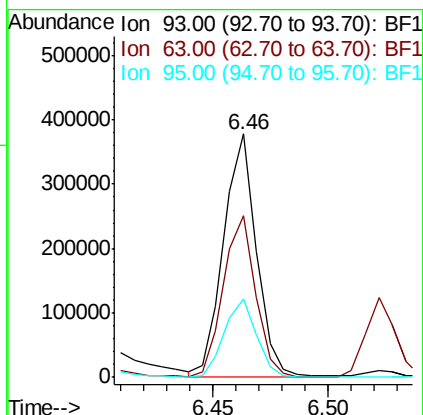
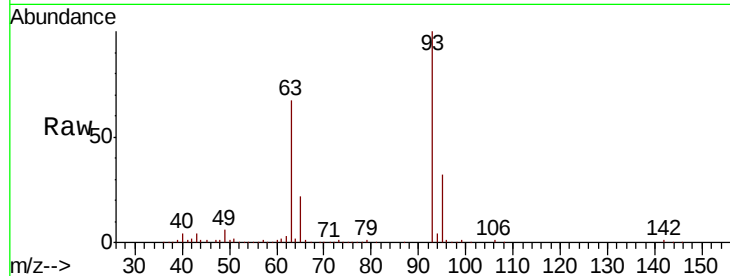




#11
bis(2-Chloroethyl)ether
Concen: 46.385 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

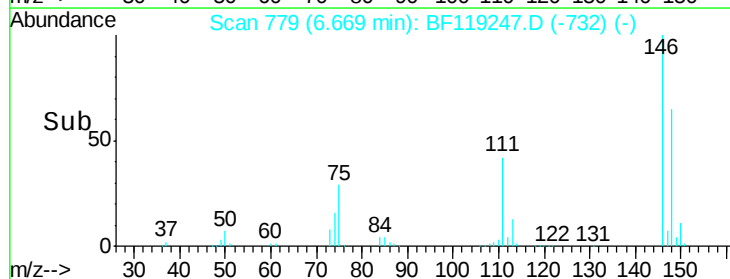
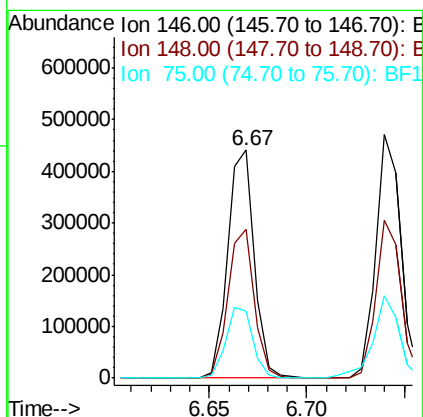
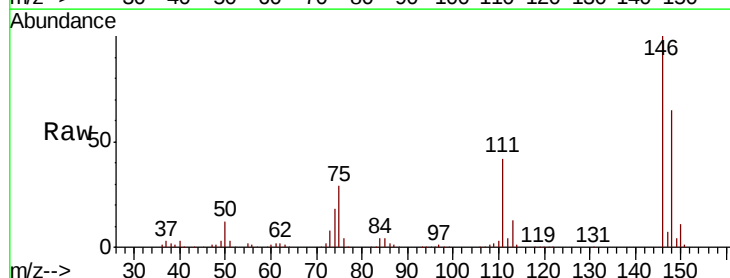
Instrument :
BNA_F
ClientSampleId :

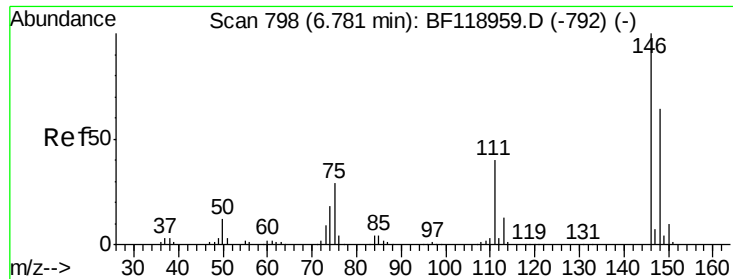
Tot Ion: 93 Resp: 375300
Ion Ratio Lower Upper
93 100
63 66.6 45.4 85.4
95 32.4 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.928 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion: 146 Resp: 415330
Ion Ratio Lower Upper
146 100
148 65.2 52.5 78.7
75 29.4 23.6 35.4

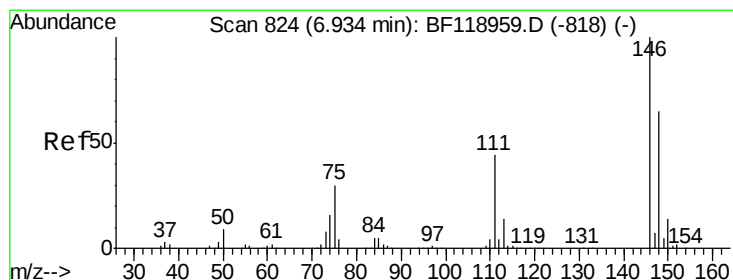
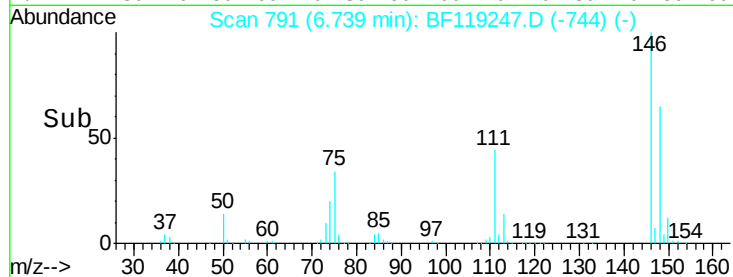
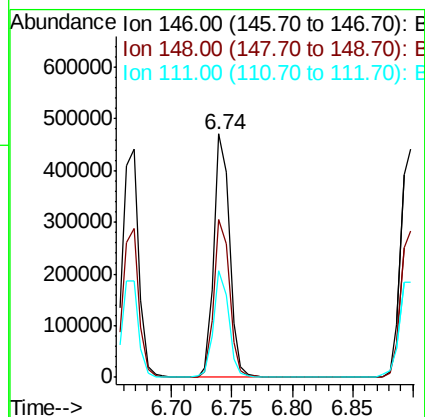
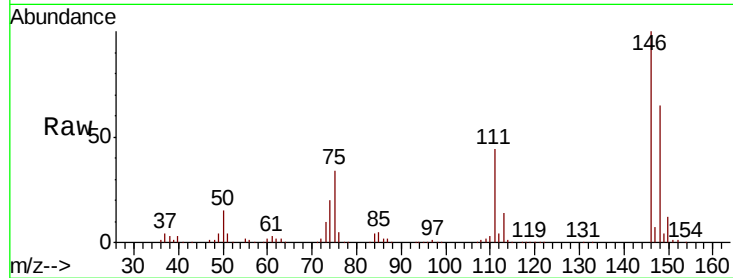




#13
 1,4-Dichlorobenzene
 Concen: 40.549 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

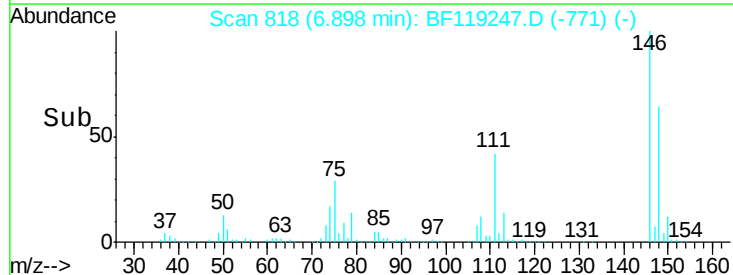
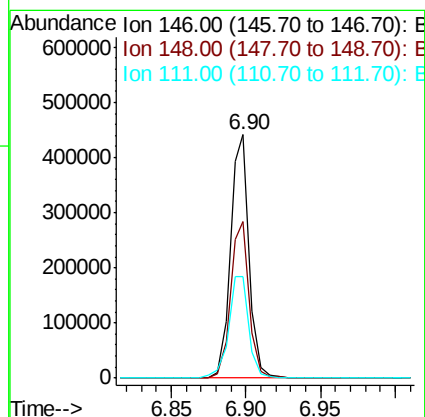
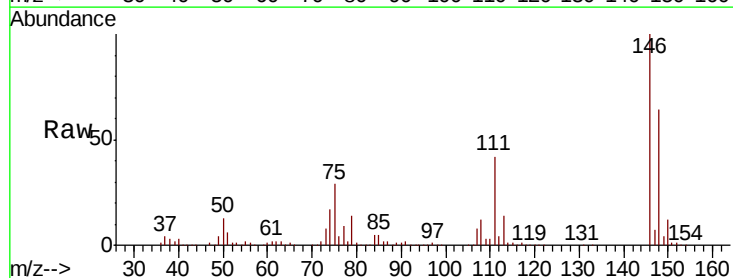
Instrument :
 BNA_F
 ClientSampled :

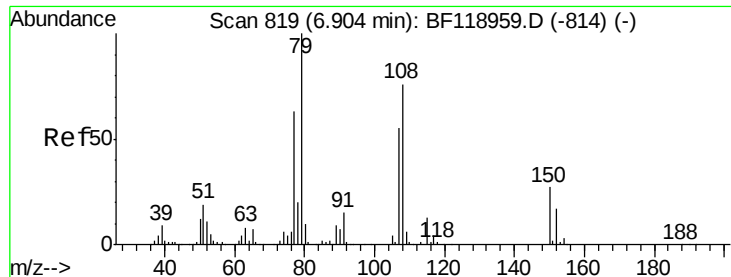
Tot Ion:146 Resp: 422075
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 43.7 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 40.940 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion:146 Resp: 388650
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 41.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 47.994 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

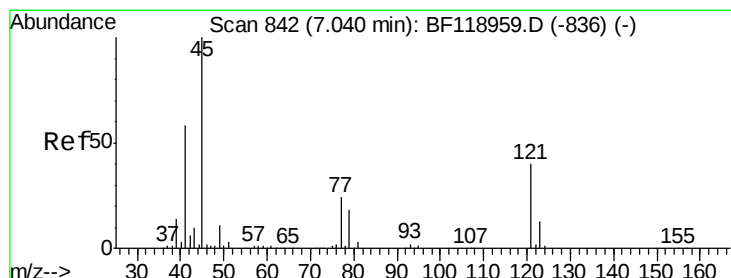
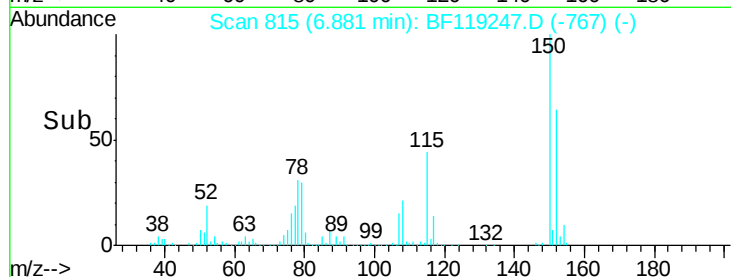
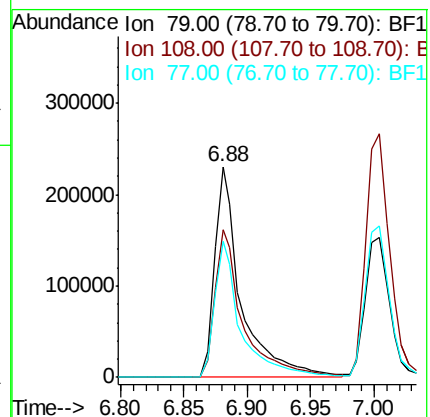
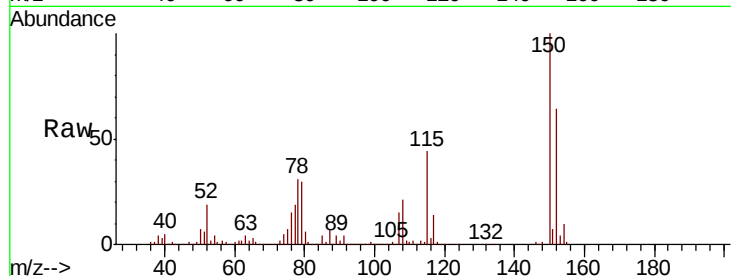
Tot Ion: 79 Resp: 339254

Ion Ratio Lower Upper

79 100

108 70.3 58.2 87.2

77 64.4 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.095 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

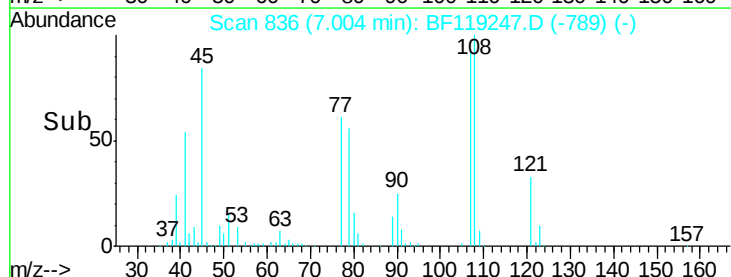
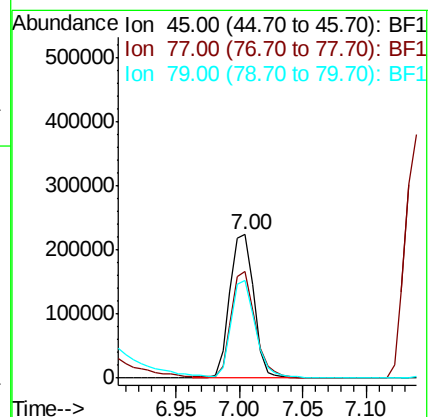
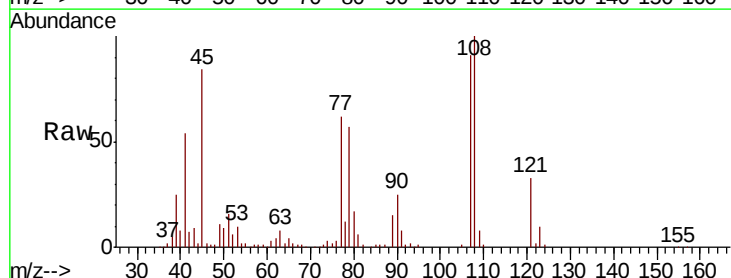
Tgt Ion: 45 Resp: 295032

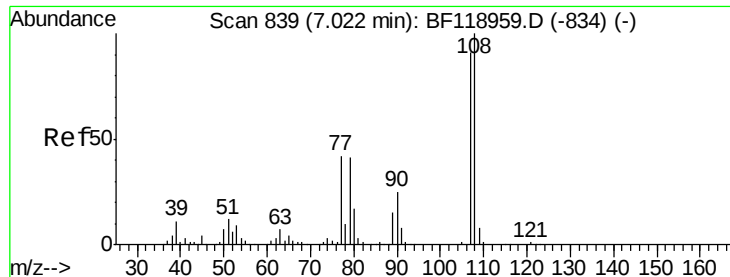
Ion Ratio Lower Upper

45 100

77 74.2 15.0 55.0#

79 68.3 9.4 49.4#

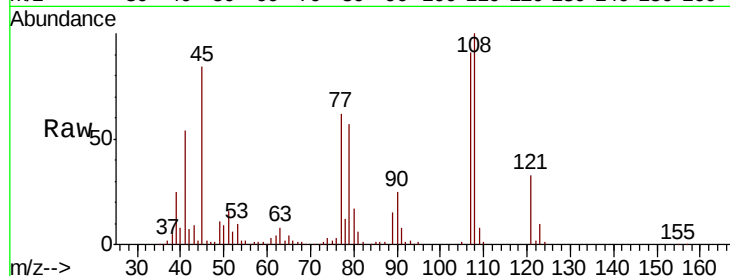




#17
2-Methylphenol
Concen: 44.753 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	87.9	131.9
77	68.4	45.3	67.9
79	63.0	43.0	64.4



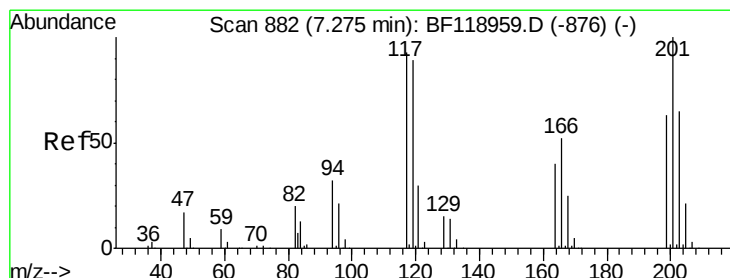
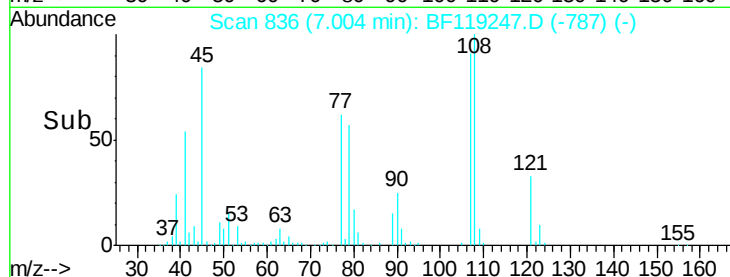
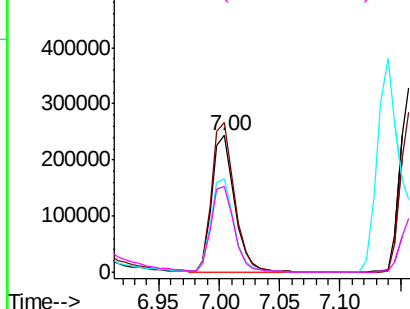
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

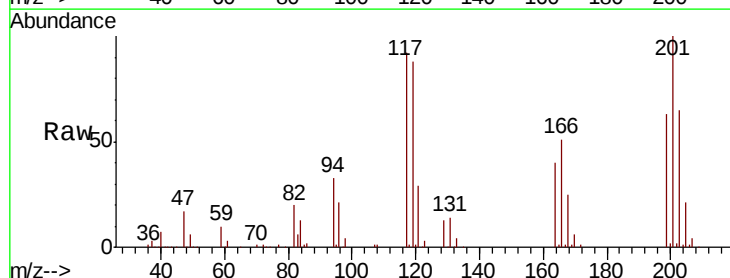
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.314 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
201	109.1	82.6	123.8

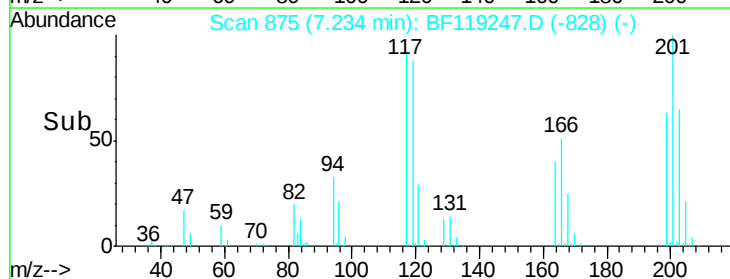
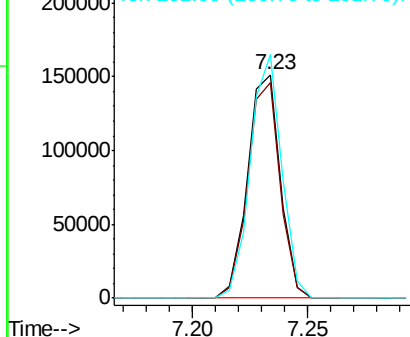


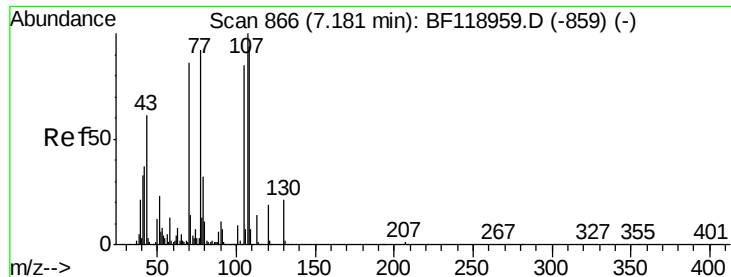
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

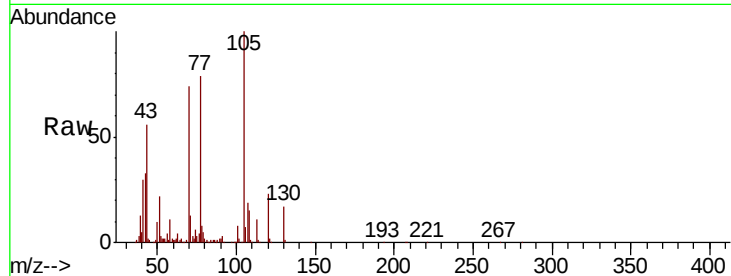




#19
n-Nitroso-di-n-propylamine
Concen: 49.469 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	38.0	57.0
101	10.3	8.2	12.4
130	22.6	18.2	27.4



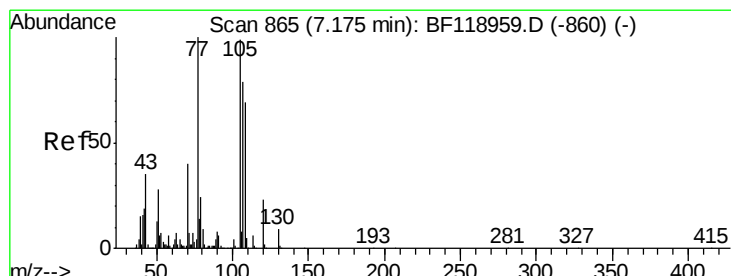
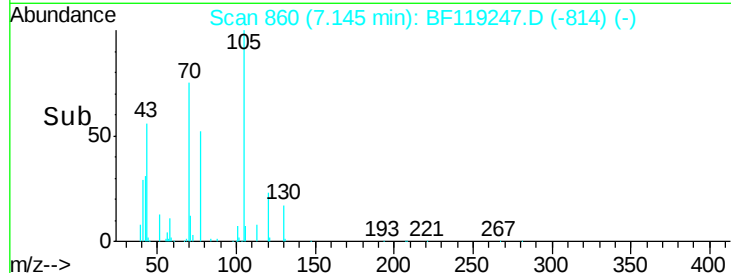
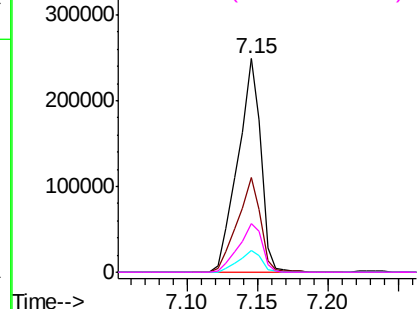
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 50.909 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.5	111.5
77	39.8	45.9	85.9#
79	29.2	13.8	53.8

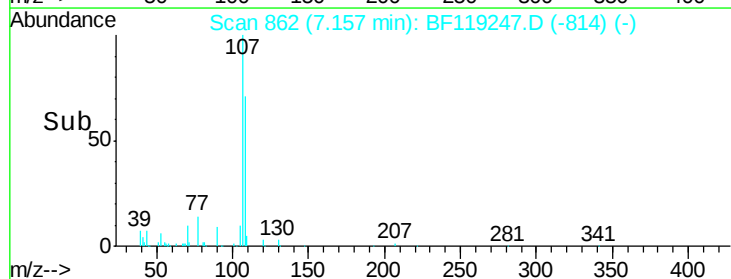
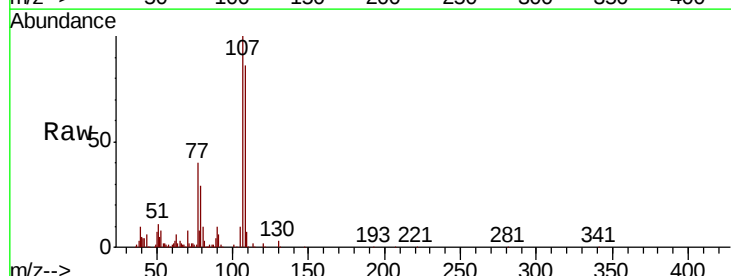
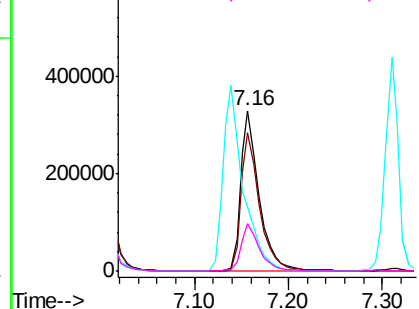
Abundance

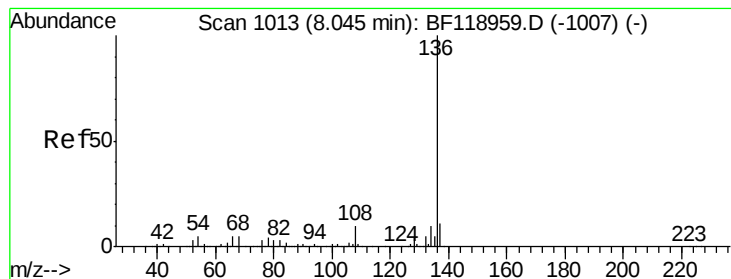
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 516213

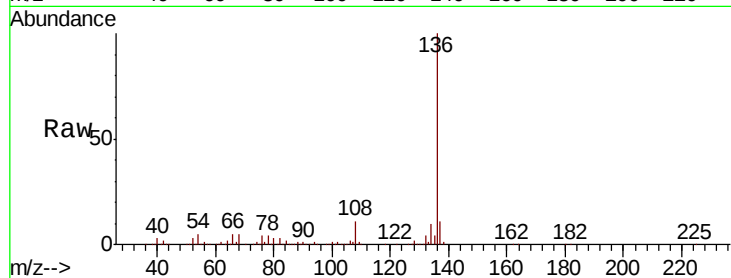
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.1 3.8 5.6

68 5.3 3.9 5.9

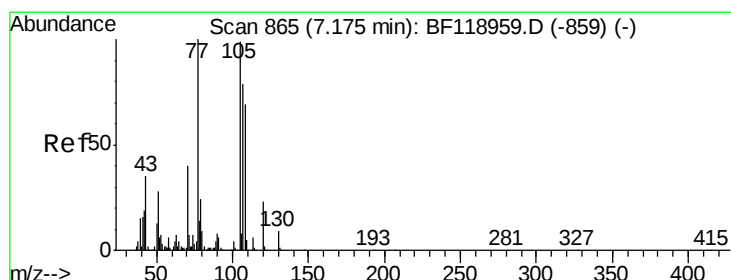
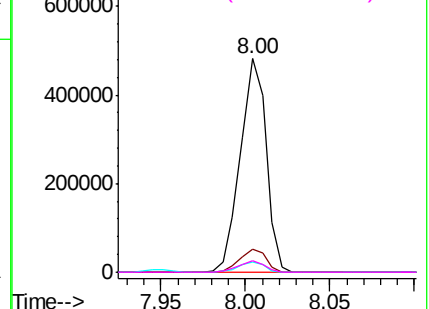
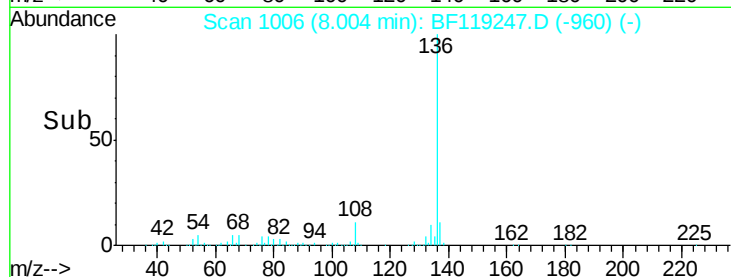


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.430 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Tgt Ion:105 Resp: 554547

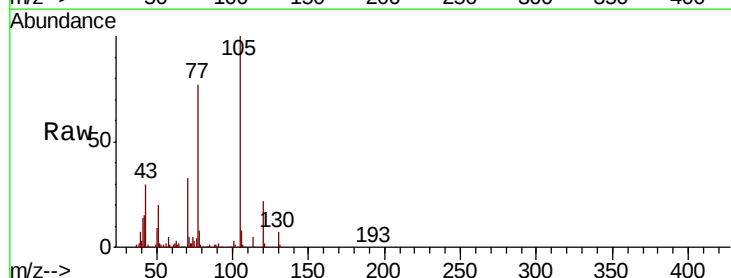
Ion Ratio Lower Upper

105 100

71 5.5 3.0 4.4#

51 20.4 20.1 30.1

120 22.3 18.0 27.0

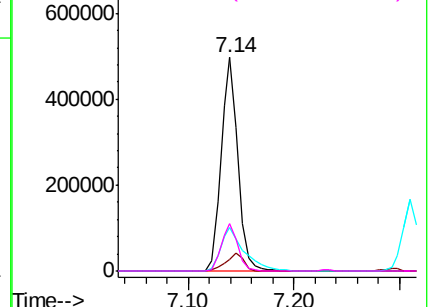
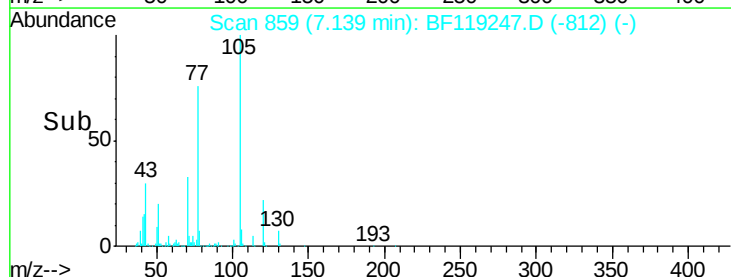


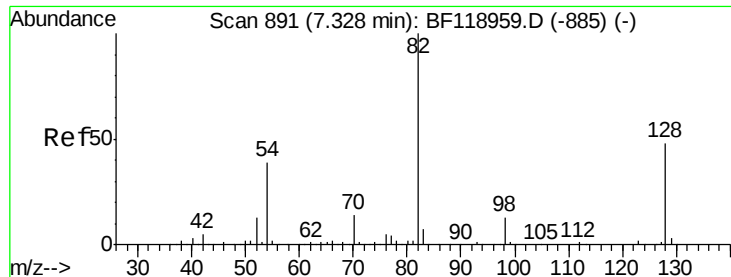
Abundance Ion 105.00 (104.70 to 105.70): E

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

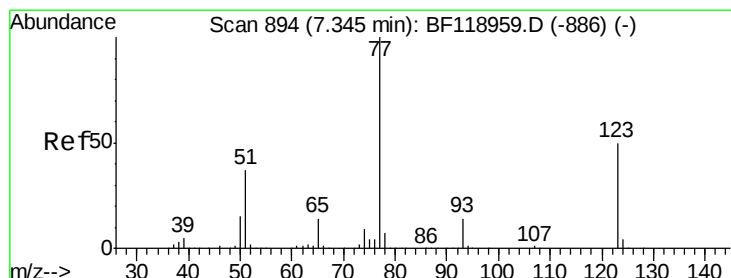
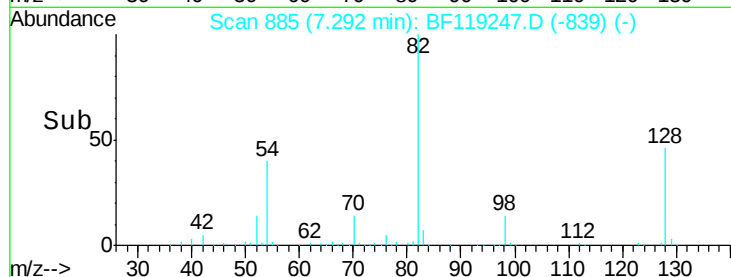
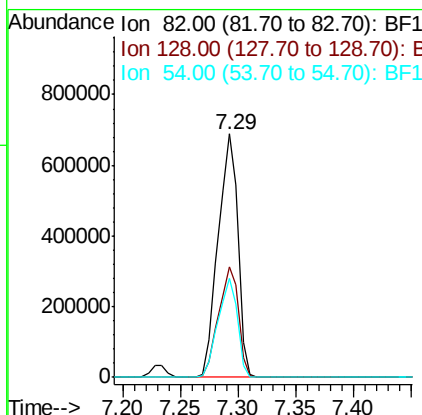
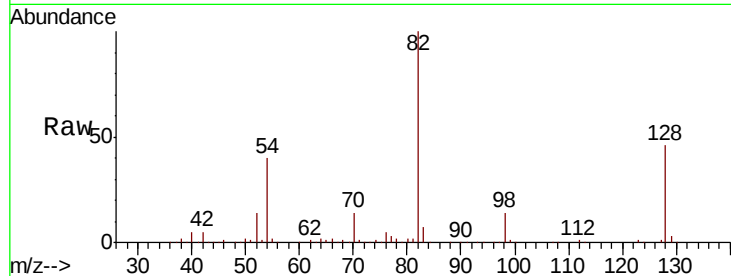




#23
 Nitrobenzene-d5
 Concen: 83.867 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

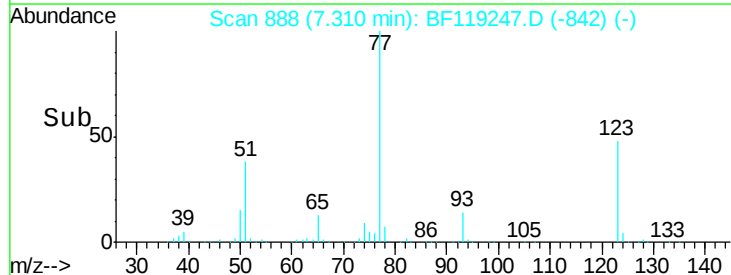
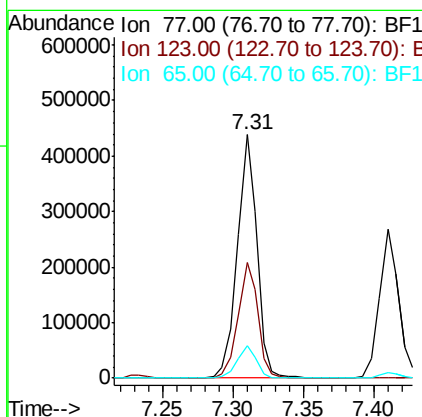
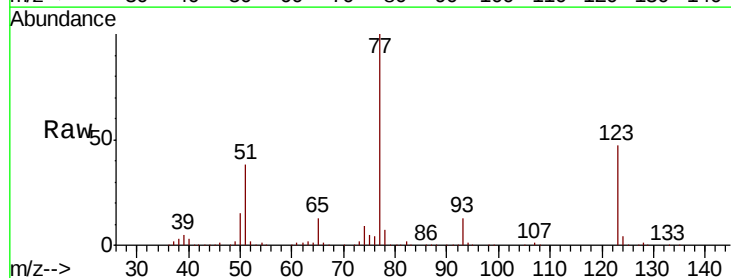
Instrument :
 BNA_F
 ClientSampled :

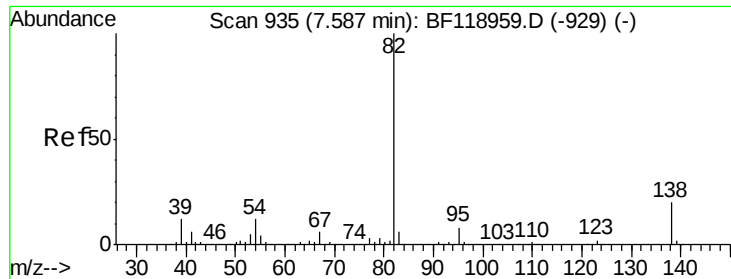
Tot Ion: 82 Resp: 819952
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.9 56.9
 54 40.5 33.4 50.2



#24
 Nitrobenzene
 Concen: 43.563 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion: 77 Resp: 421176
 Ion Ratio Lower Upper
 77 100
 123 47.2 40.2 60.2
 65 13.2 10.8 16.2





#25

Isophorone

Concen: 44.791 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

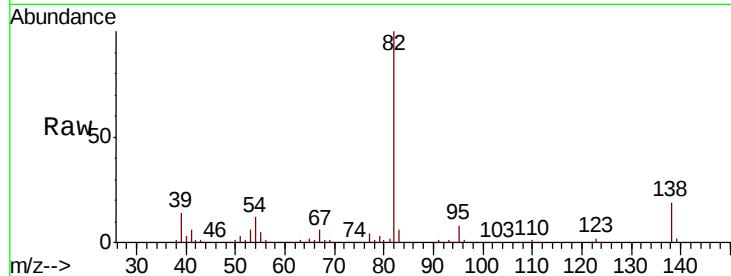
Tot Ion: 82 Resp: 760516

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

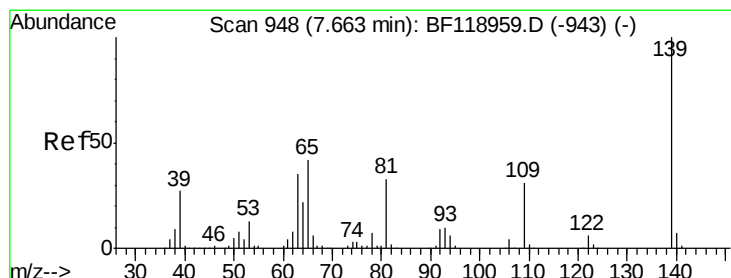
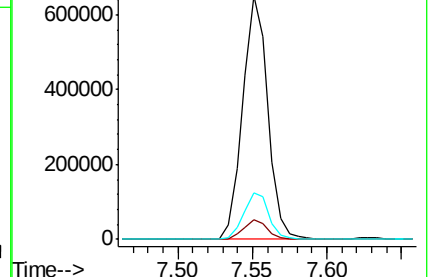
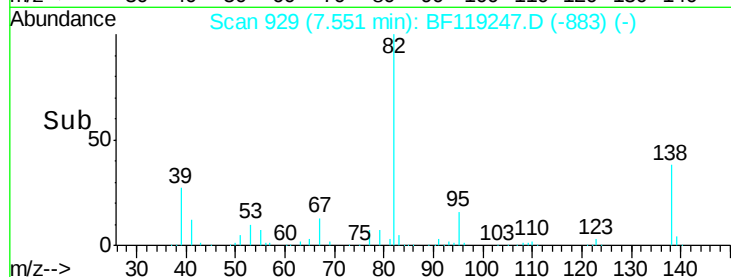
138 18.9 15.7 23.5



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: 43.602 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

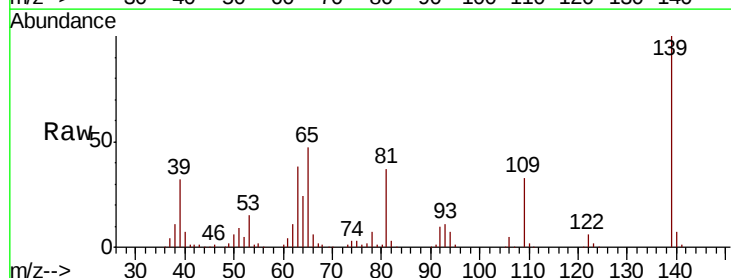
Tgt Ion: 139 Resp: 223358

Ion Ratio Lower Upper

139 100

109 32.8 25.7 38.5

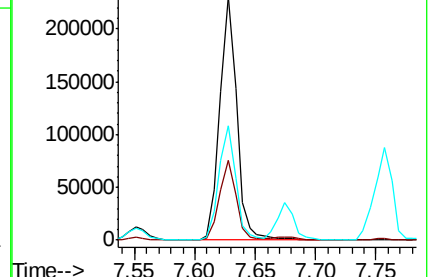
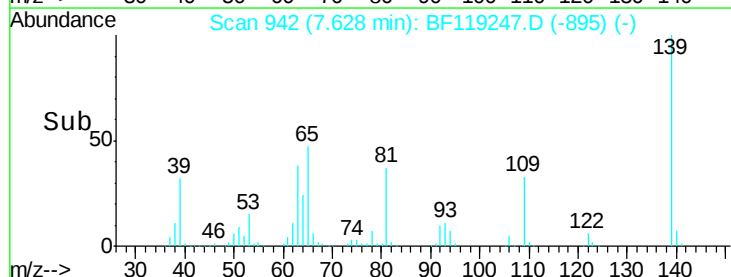
65 46.9 37.1 55.7

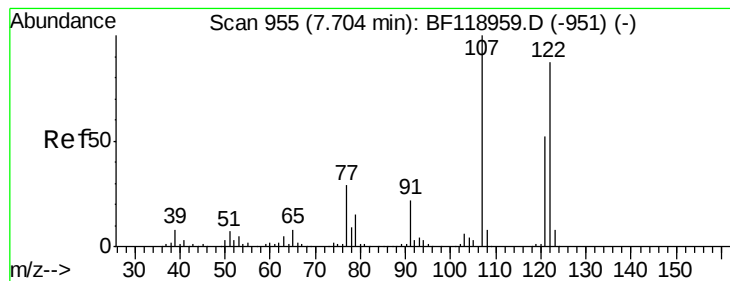


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

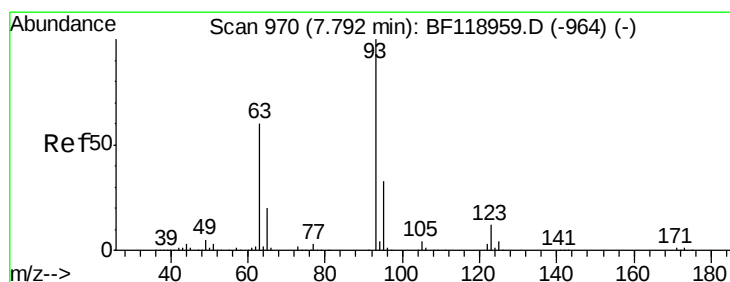
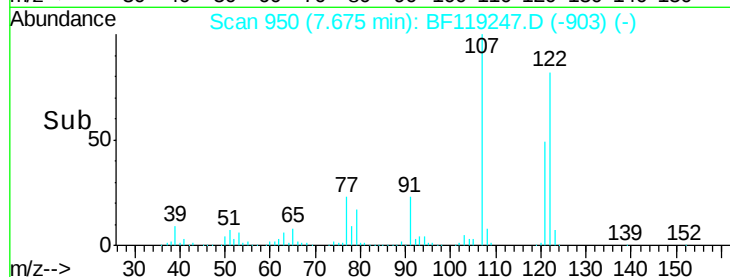
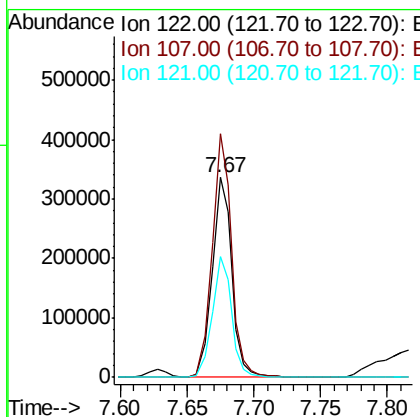
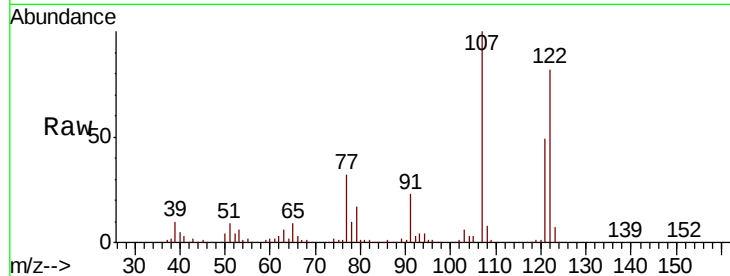




#27
2,4-Dimethylphenol
Concen: 49.952 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

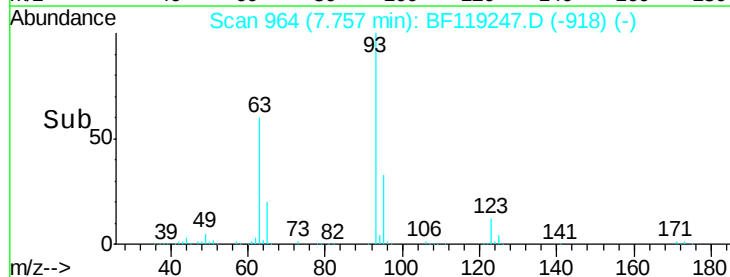
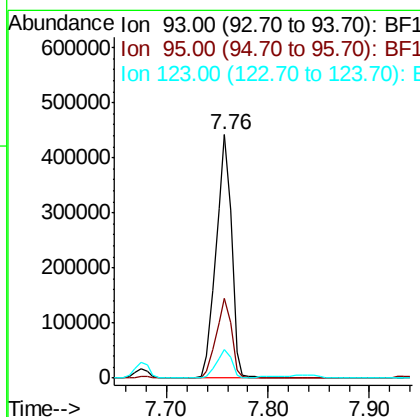
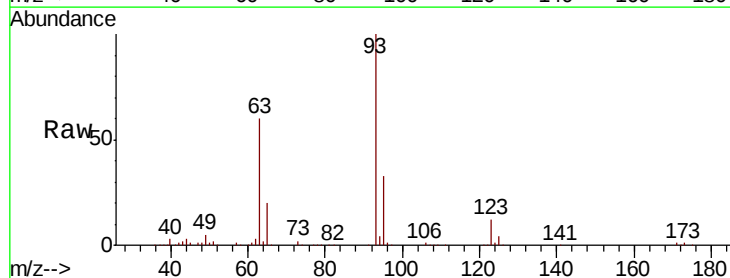
Instrument :
BNA_F
ClientSampled :

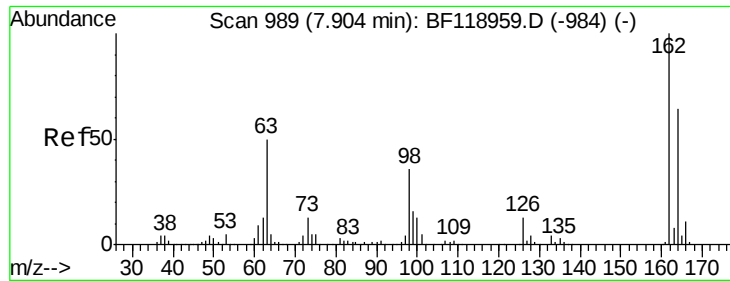
Tot Ion:122 Resp: 347287
Ion Ratio Lower Upper
122 100
107 121.9 93.8 140.6
121 60.3 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 42.194 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion: 93 Resp: 466315
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.9 10.2 15.2

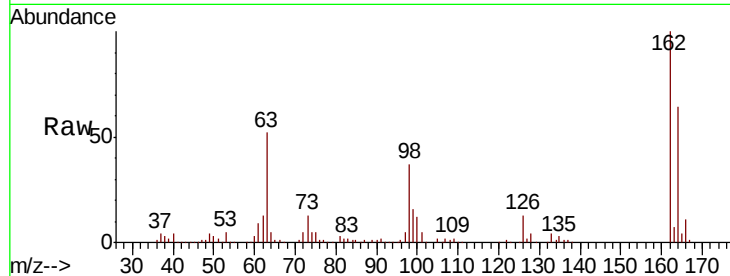




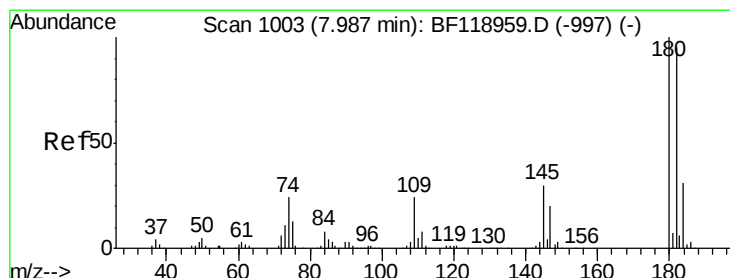
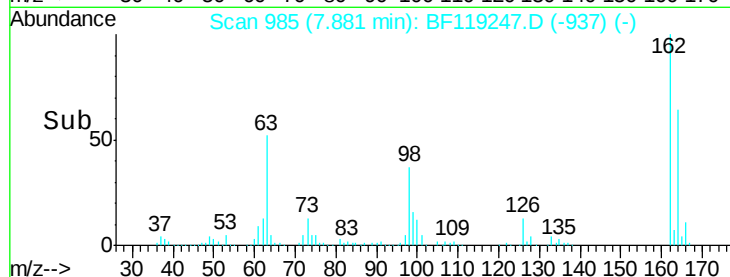
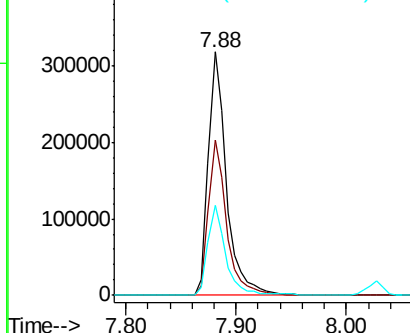
#29
2,4-Dichlorophenol
Concen: 43.401 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 355226
Ion Ratio Lower Upper
162 100
164 63.6 45.2 85.2
98 37.0 17.4 57.4

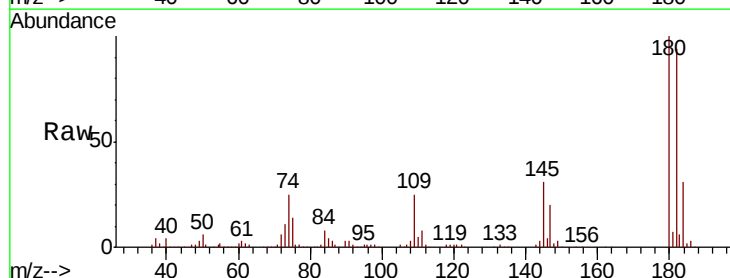


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

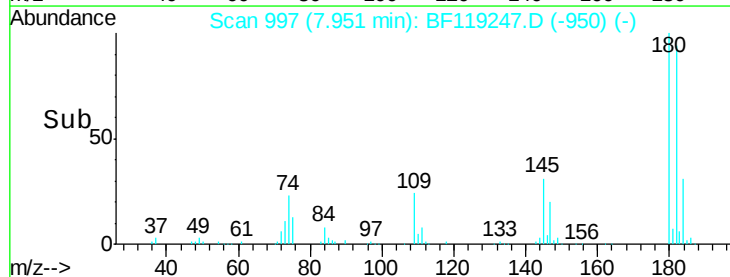
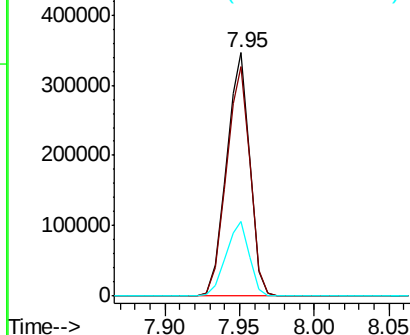


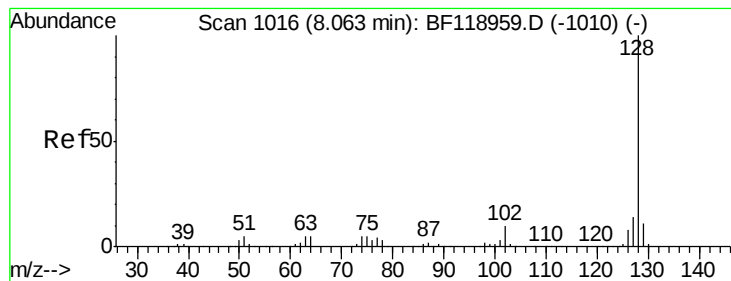
#30
1,2,4-Trichlorobenzene
Concen: 39.179 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion:180 Resp: 380195
Ion Ratio Lower Upper
180 100
182 94.2 77.8 116.6
145 30.7 25.2 37.8



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: 42.536 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampled :

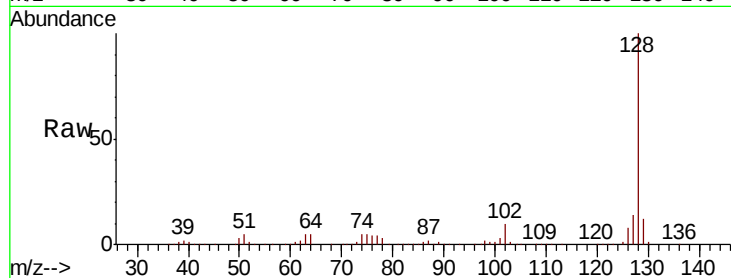
Tot Ion:128 Resp: 1138765

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

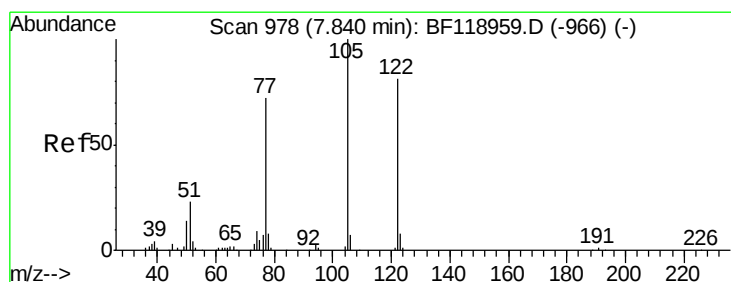
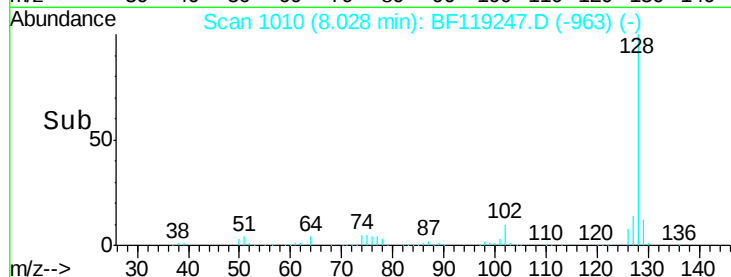
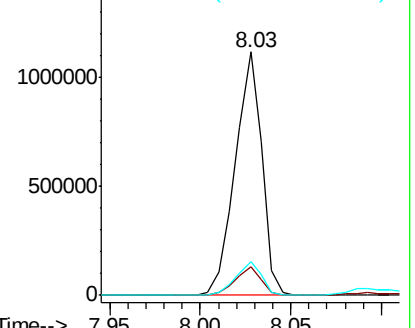
127 13.8 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.930 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

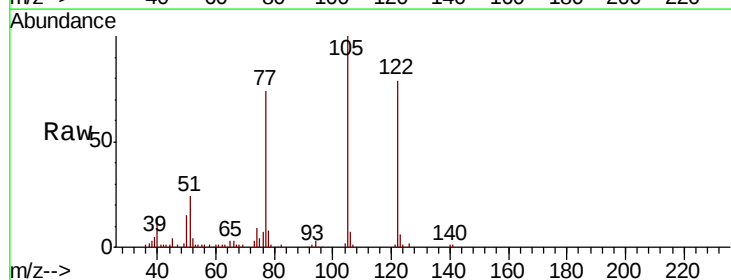
Tgt Ion:122 Resp: 207733

Ion Ratio Lower Upper

122 100

105 127.1 106.3 146.3

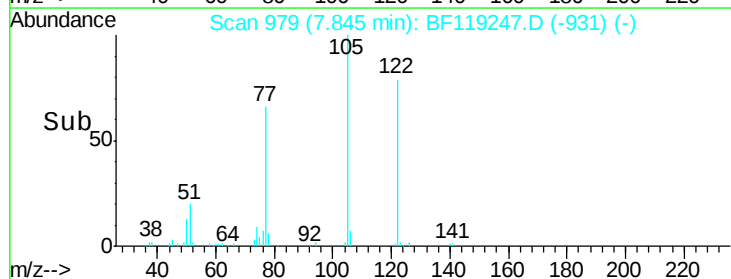
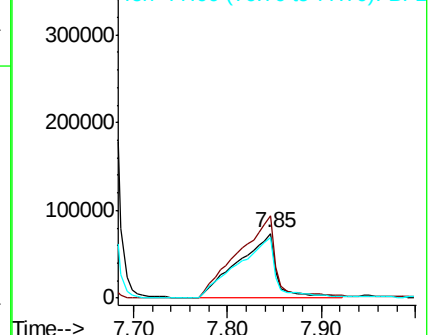
77 93.5 73.1 113.1

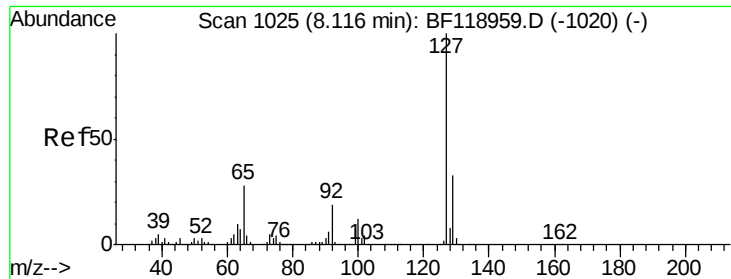


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

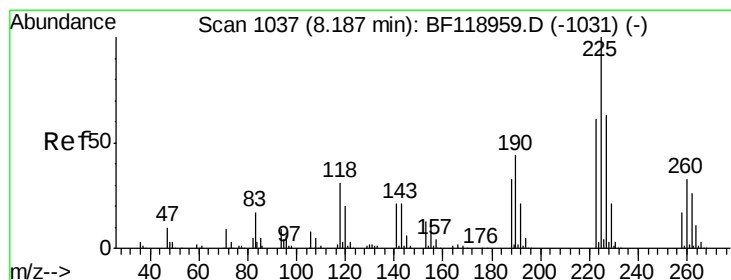
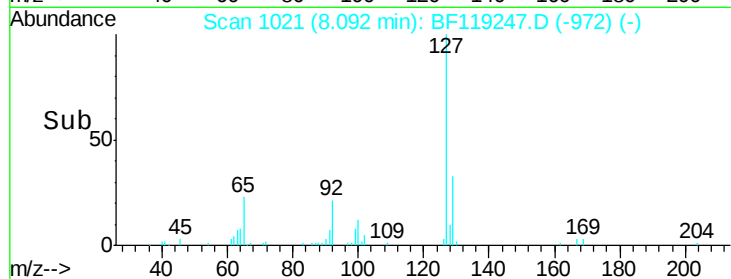
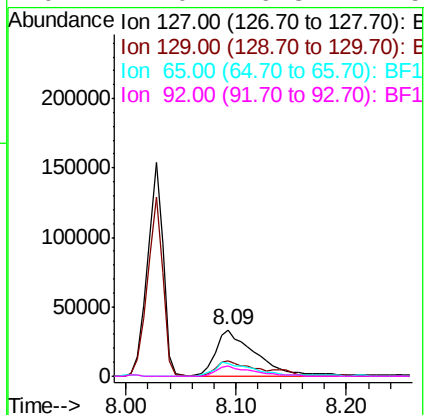
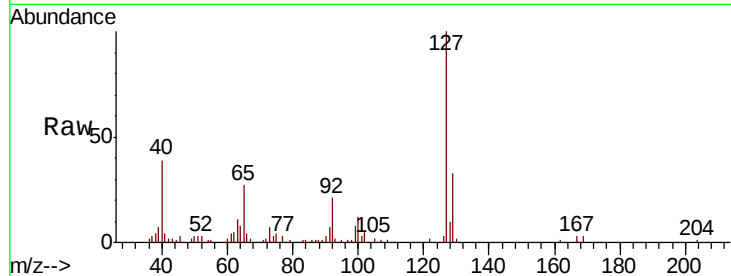




#33
4-Chloroaniline
Concen: 6.937 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

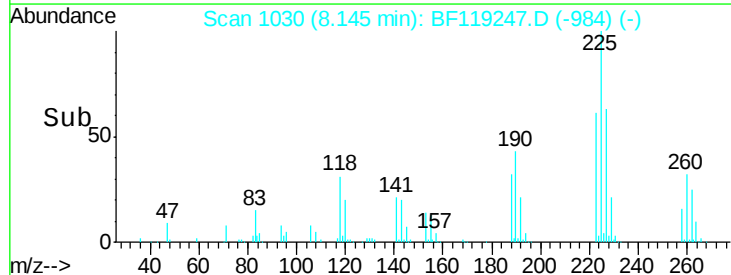
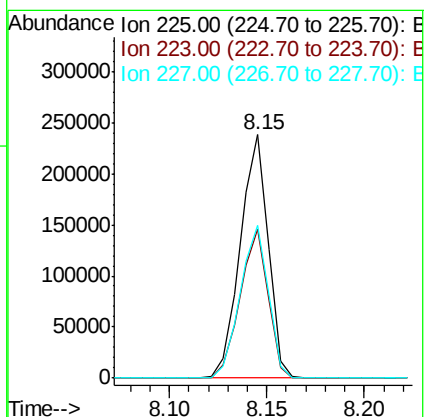
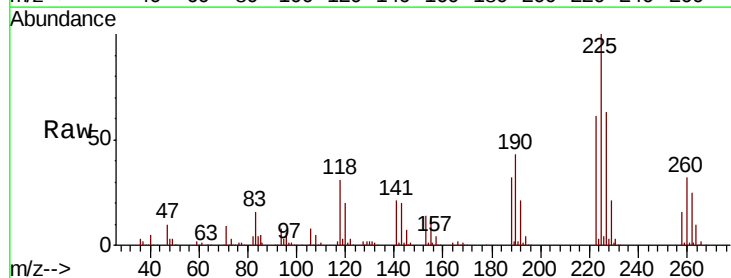
Instrument :
BNA_F
ClientSampled :

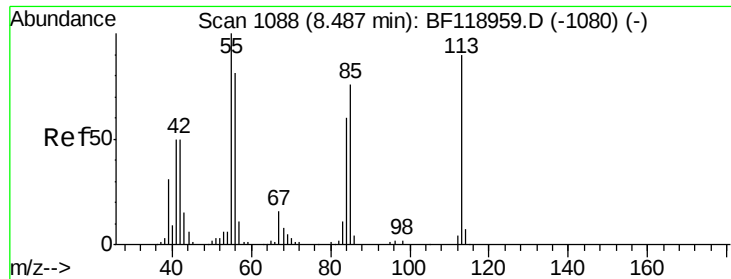
Tot Ion:	127	Resp:	79876
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	27.4	23.9	35.9
92	21.0	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.940 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion:	225	Resp:	235376
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.4	74.2
227	62.9	52.9	79.3

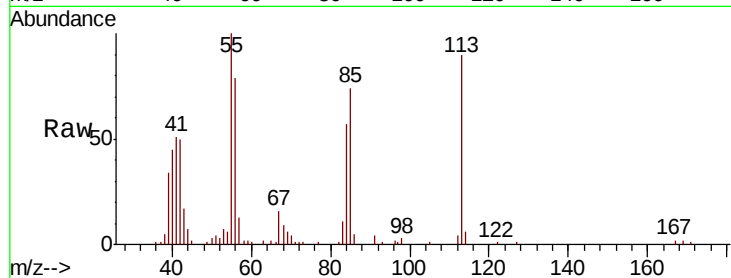




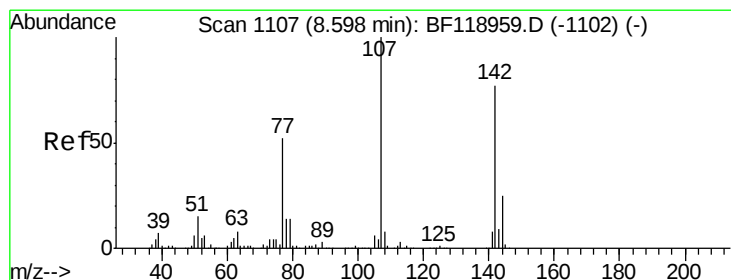
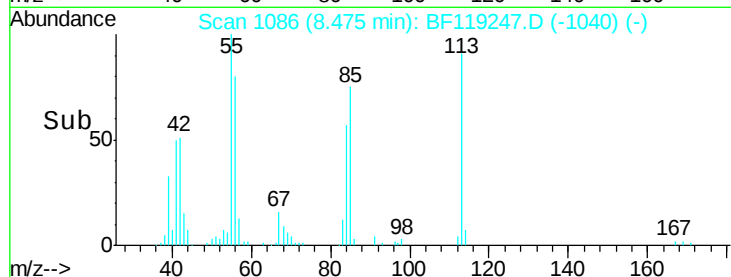
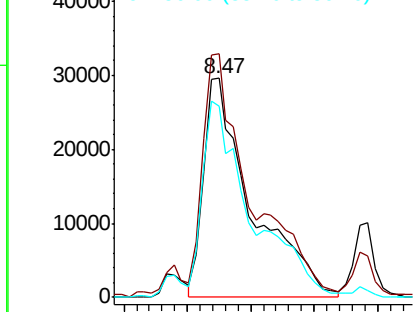
#35
 Caprolactam
 Concen: 31.021 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 78179
 Ion Ratio Lower Upper
 113 100
 55 111.2 95.7 135.7
 56 87.5 73.1 113.1

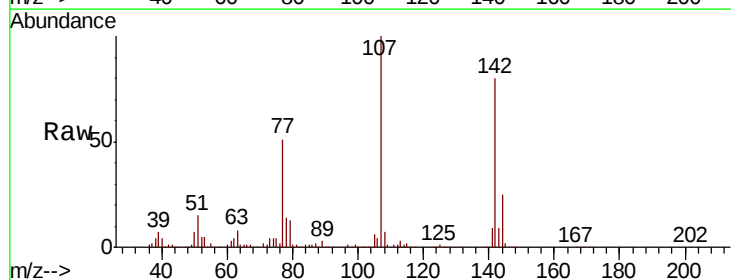


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

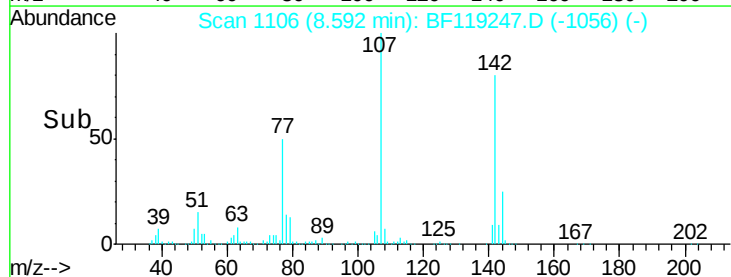
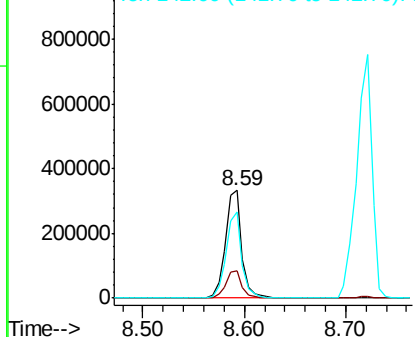


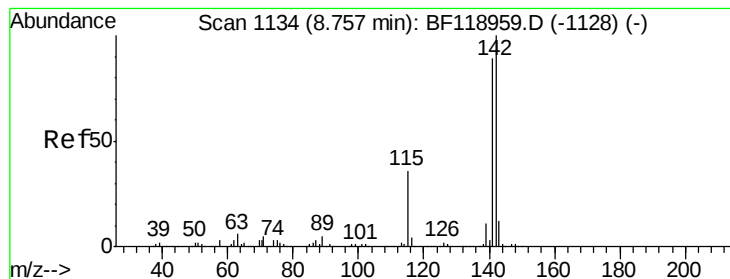
#36
 4-Chloro-3-methylphenol
 Concen: 44.797 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion:107 Resp: 371068
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.1 30.1
 142 79.7 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.204 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampled :

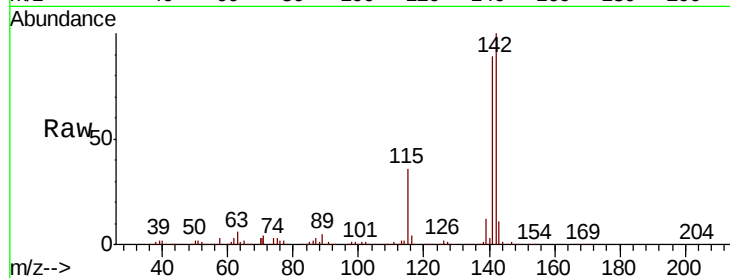
Tot Ion:142 Resp: 796406

Ion Ratio Lower Upper

142 100

141 88.6 72.3 108.5

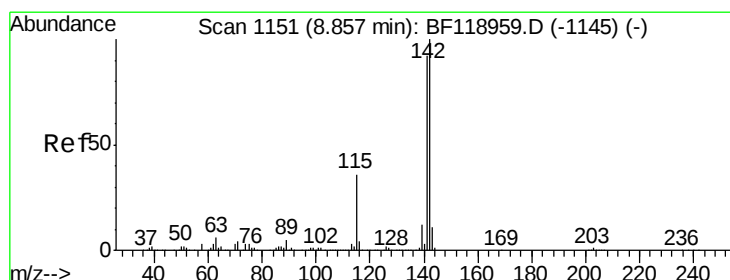
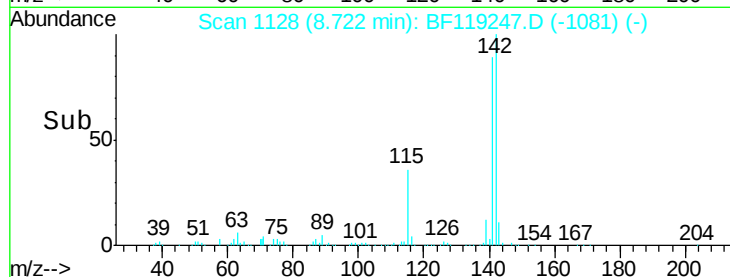
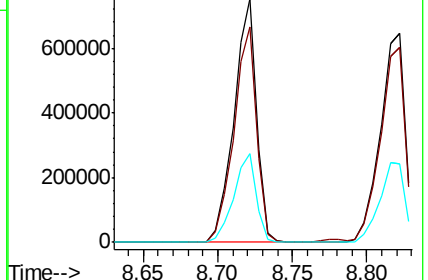
115 36.3 30.6 45.8



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: 43.307 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

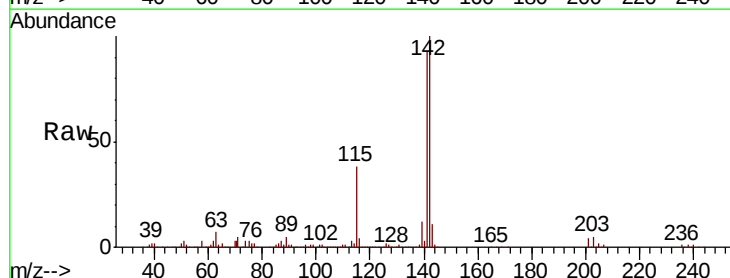
Tgt Ion:142 Resp: 733790

Ion Ratio Lower Upper

142 100

141 93.3 75.8 113.6

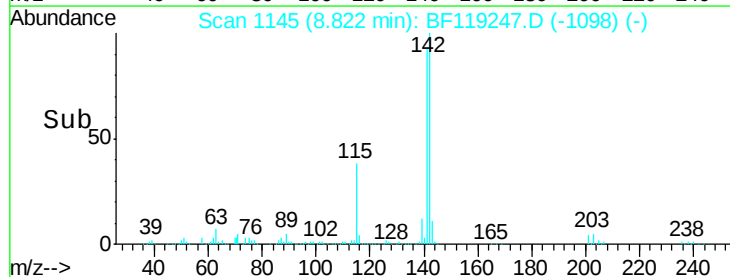
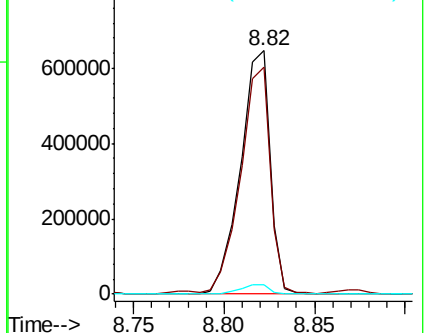
116 3.9 3.1 4.7

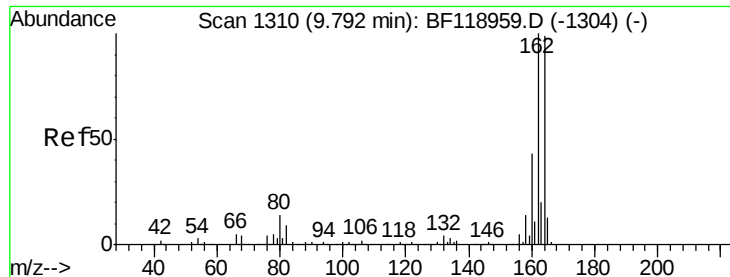


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

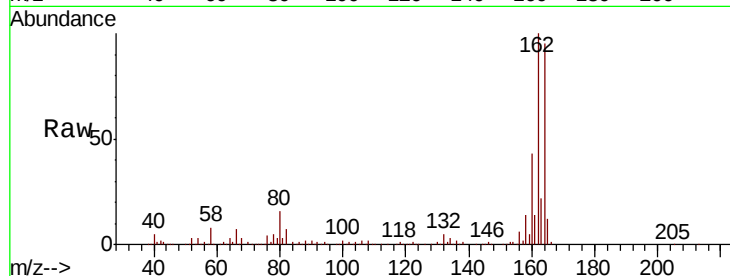
Tot Ion:164 Resp: 275546

Ion Ratio Lower Upper

164 100

162 105.2 81.8 122.8

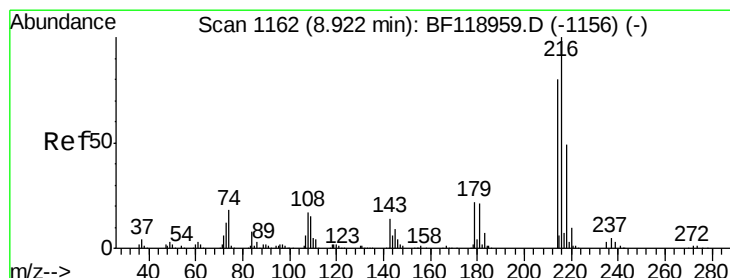
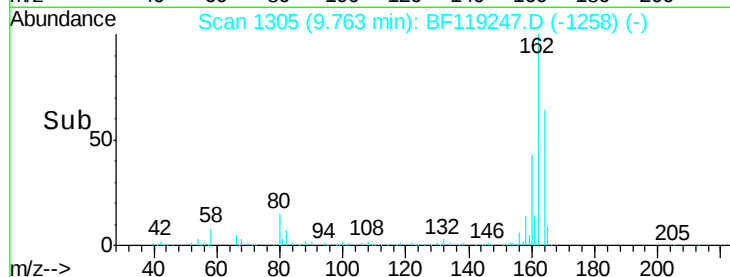
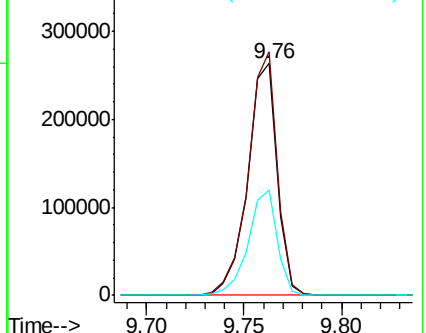
160 45.5 36.0 54.0



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: 42.470 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Tgt Ion:216 Resp: 394562

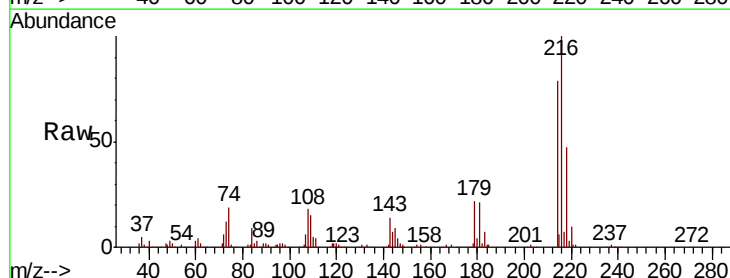
Ion Ratio Lower Upper

216 100

214 78.8 63.3 94.9

179 21.5 17.7 26.5

108 17.4 13.9 20.9

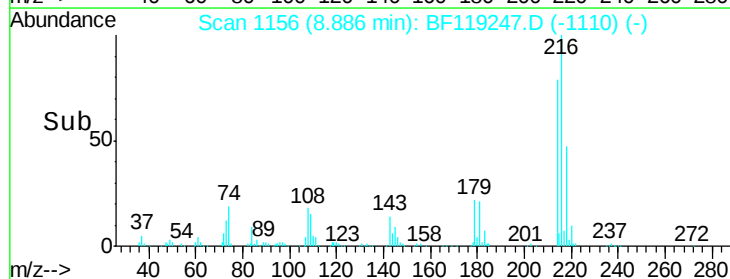
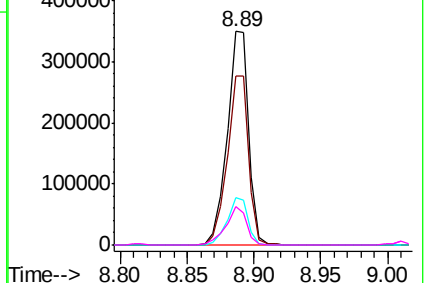


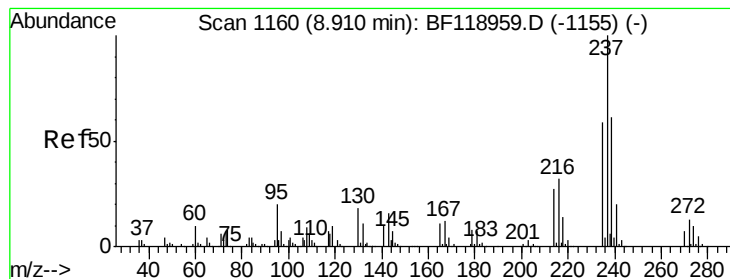
Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.901 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampled :

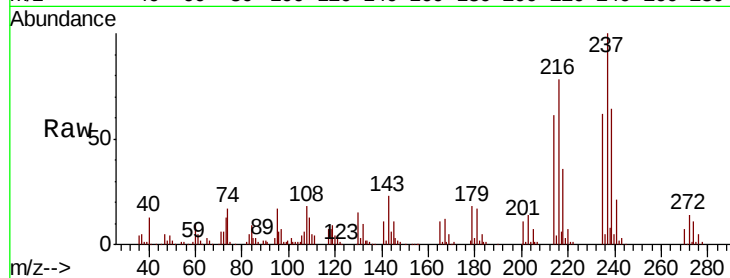
Tot Ion:237 Resp: 97729

Ion Ratio Lower Upper

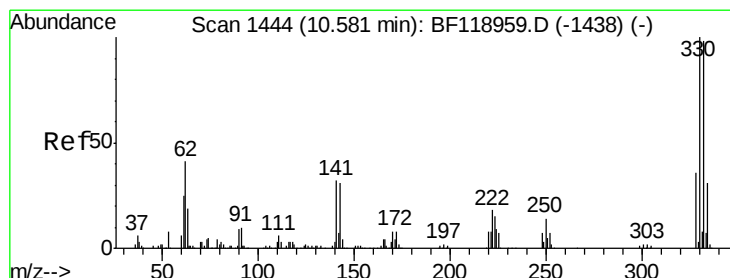
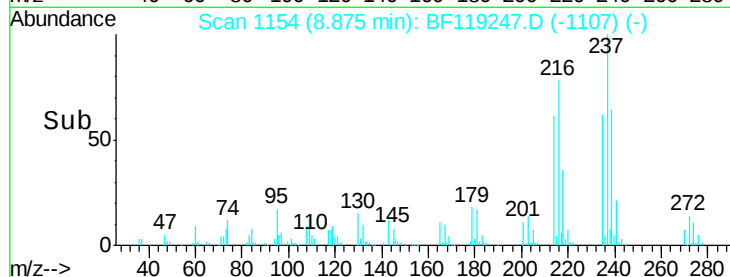
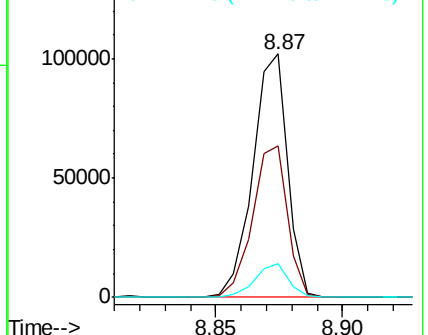
237 100

235 62.0 42.3 82.3

272 13.9 0.0 33.5



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: 115.767 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

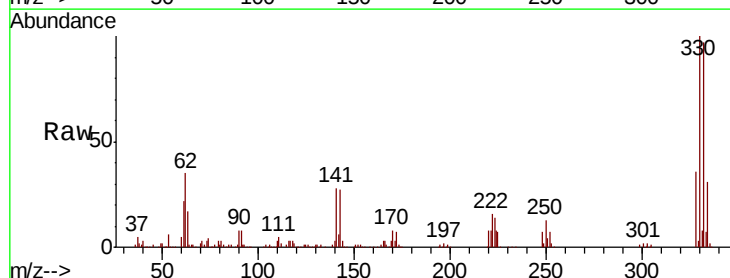
Tgt Ion:330 Resp: 417293

Ion Ratio Lower Upper

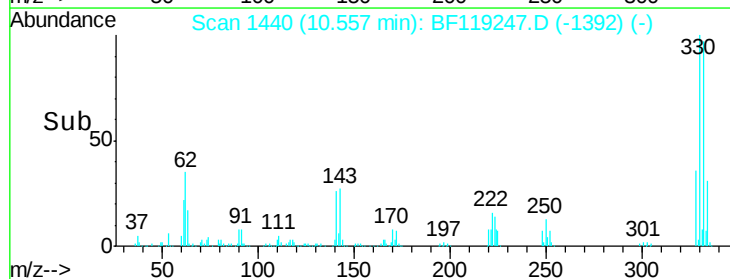
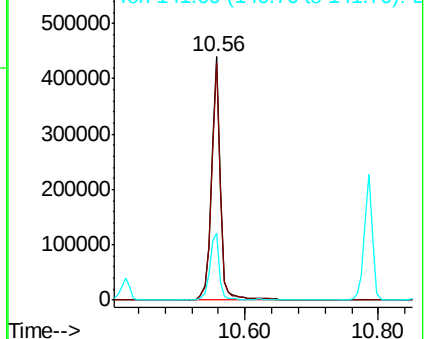
330 100

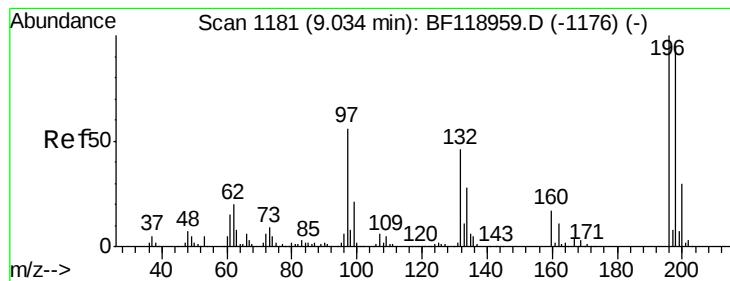
332 96.1 76.0 114.0

141 29.4 22.9 34.3



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

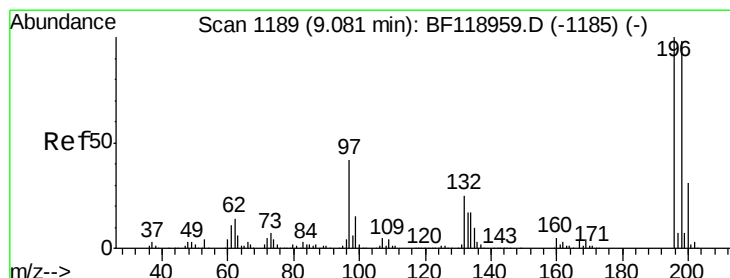
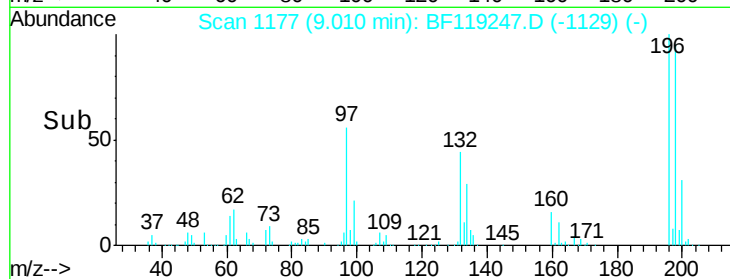
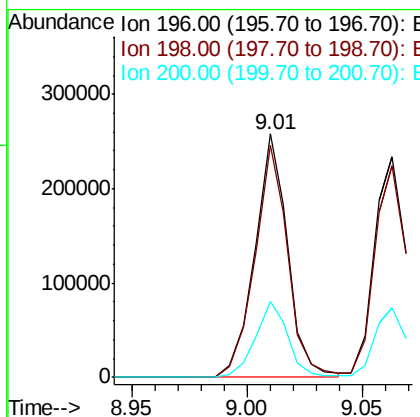
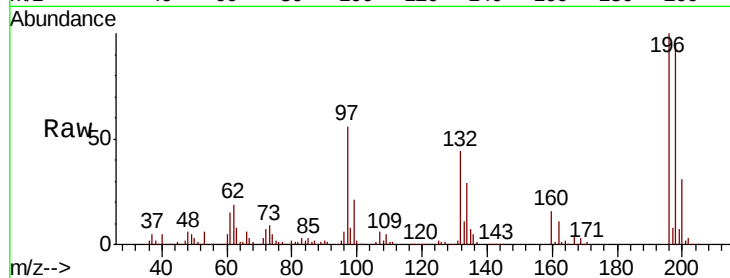




#43
 2,4,6-Trichlorophenol
 Concen: 43.630 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

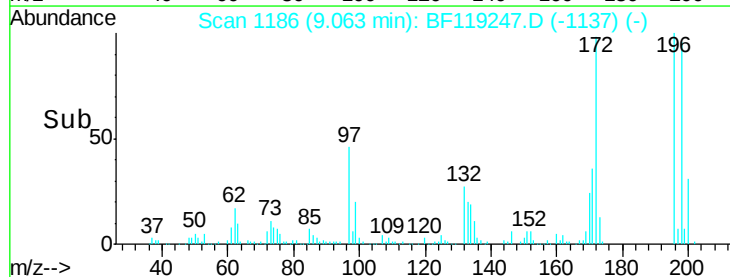
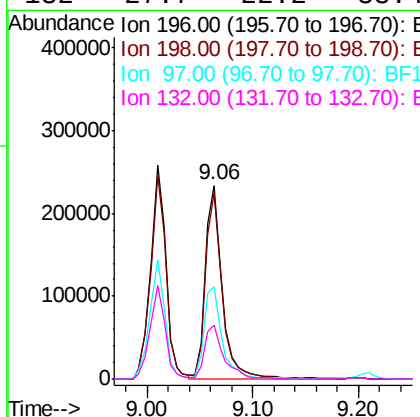
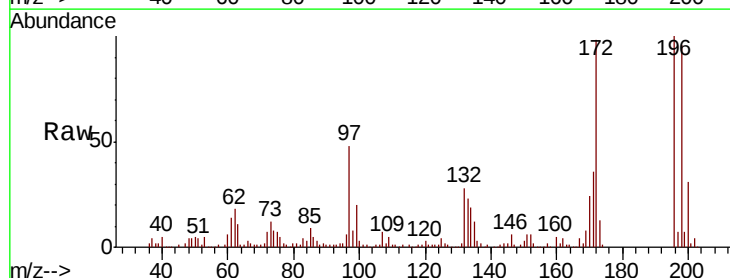
Instrument :
 BNA_F
 ClientSampleId :

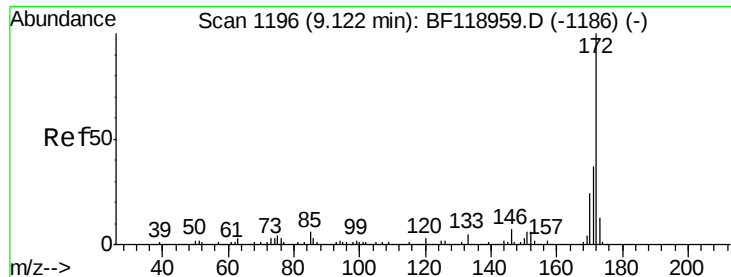
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.1	115.7
200	30.9	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.115 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.8	115.2
97	47.8	38.5	57.7
132	27.7	22.2	33.4



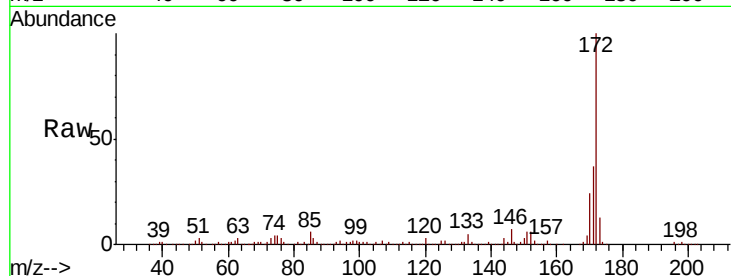


#45
 2-Fluorobiphenyl
 Concen: 86.966 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

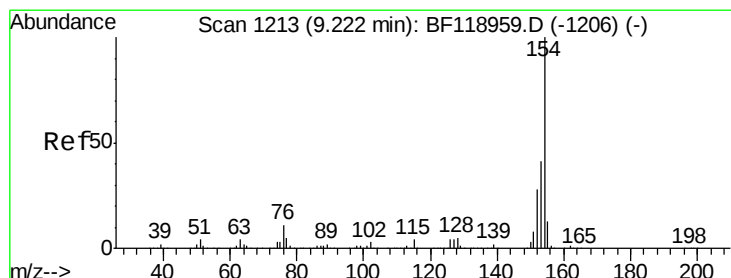
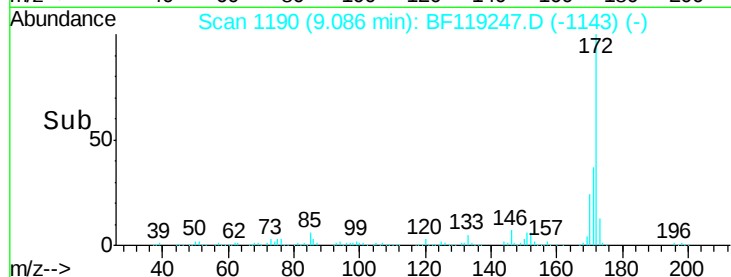
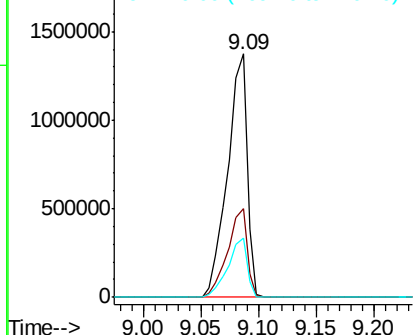
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1626626

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.2	20.2	30.2



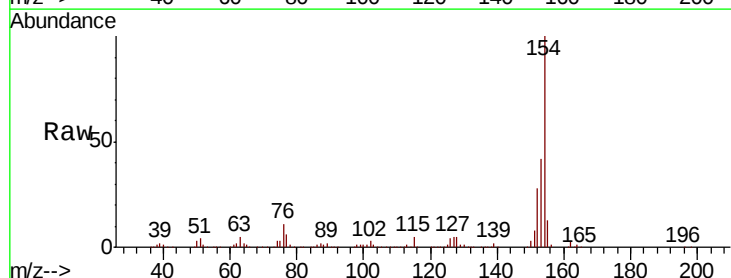
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



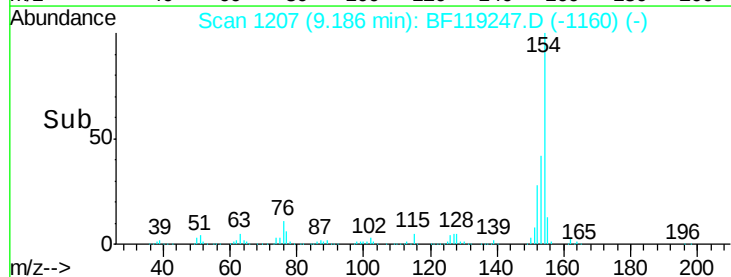
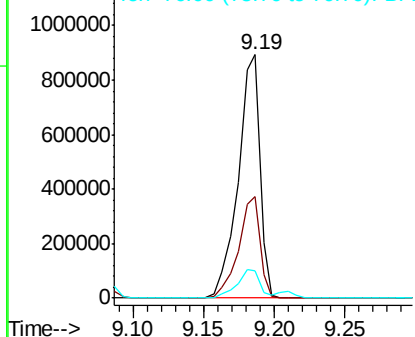
#46
 1,1'-Biphenyl
 Concen: 43.094 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

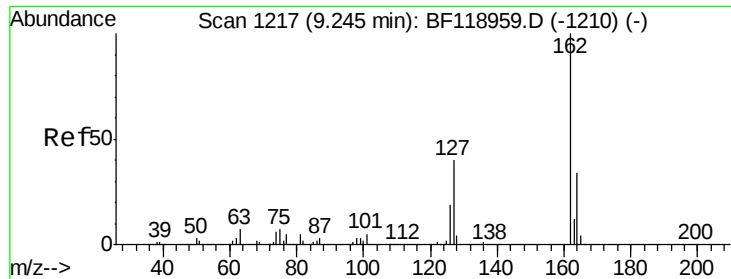
Tgt Ion:154 Resp: 959689

Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	11.1	0.0	32.2



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

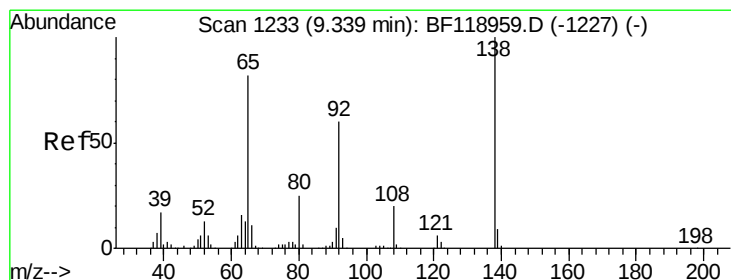
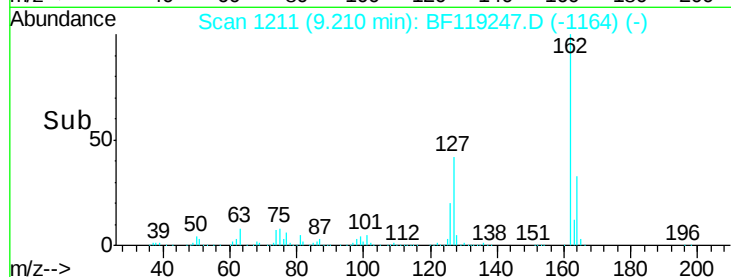
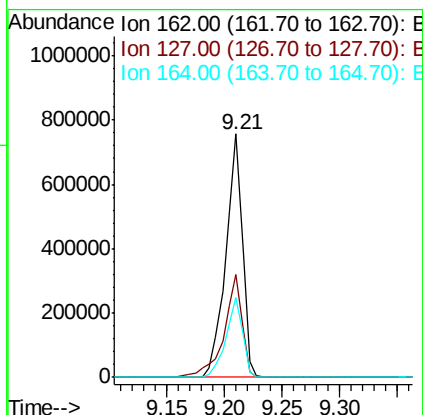
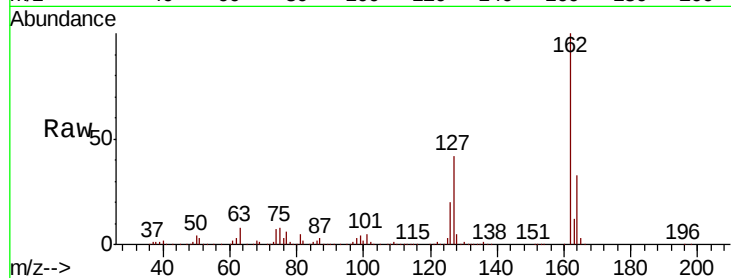




#47
 2-Chloronaphthalene
 Concen: 42.060 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

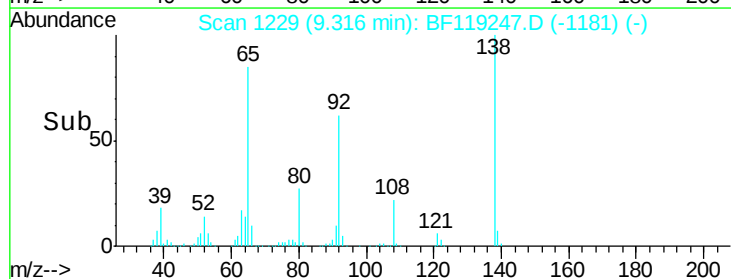
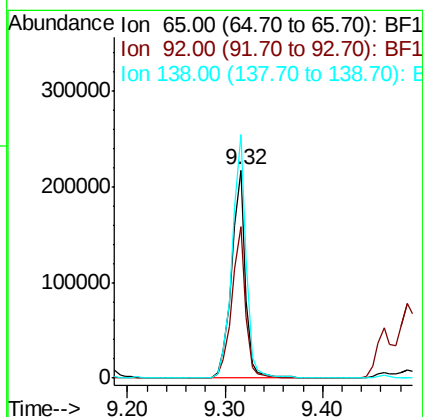
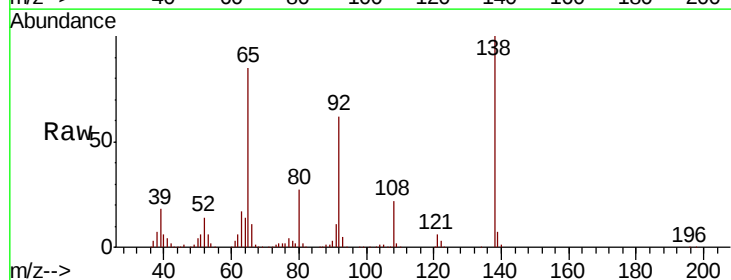
Instrument :
 BNA_F
 ClientSampleId :

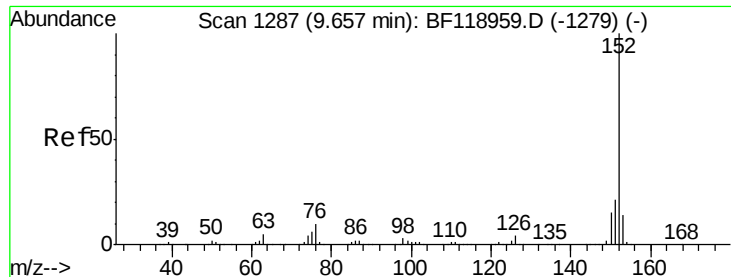
Tot Ion:162 Resp: 754805
 Ion Ratio Lower Upper
 162 100
 127 42.1 35.0 52.4
 164 33.0 27.2 40.8



#48
 2-Nitroaniline
 Concen: 42.869 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion: 65 Resp: 214578
 Ion Ratio Lower Upper
 65 100
 92 73.1 58.2 87.2
 138 117.1 95.6 143.4





#49

Acenaphthylene

Concen: 43.945 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

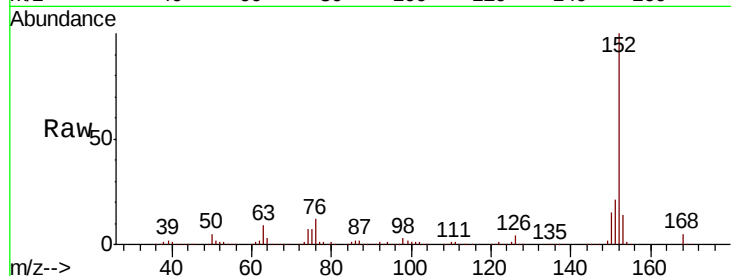
Tot Ion:152 Resp: 1139037

Ion Ratio Lower Upper

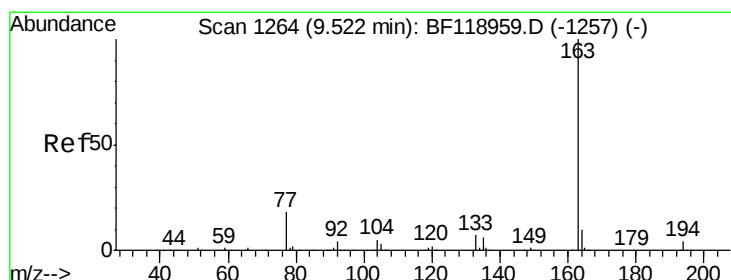
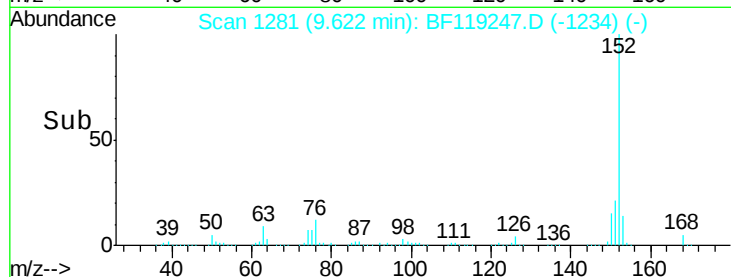
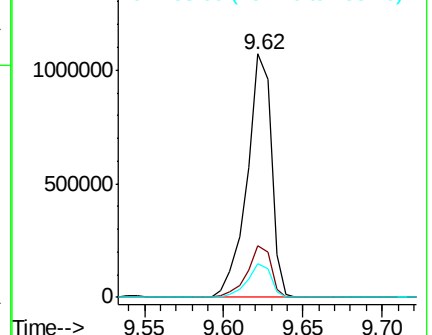
152 100

151 21.0 16.9 25.3

153 13.9 11.0 16.6



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: 49.092 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

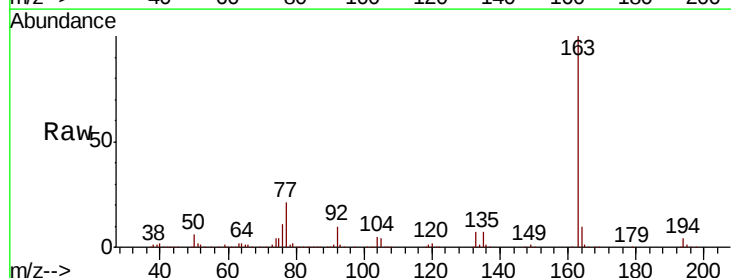
Tgt Ion:163 Resp: 1034392

Ion Ratio Lower Upper

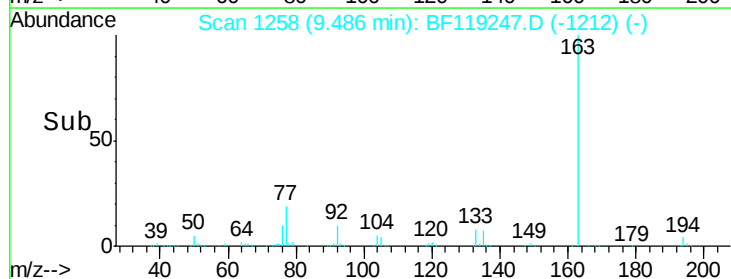
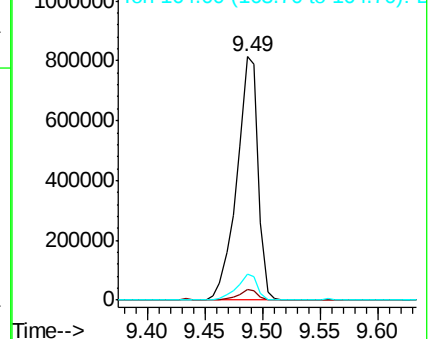
163 100

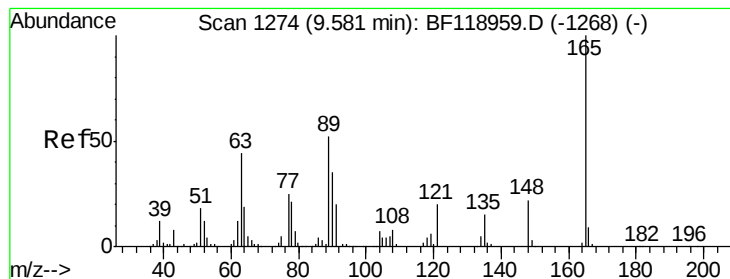
194 4.1 3.5 5.3

164 10.4 8.4 12.6



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: 43.698 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

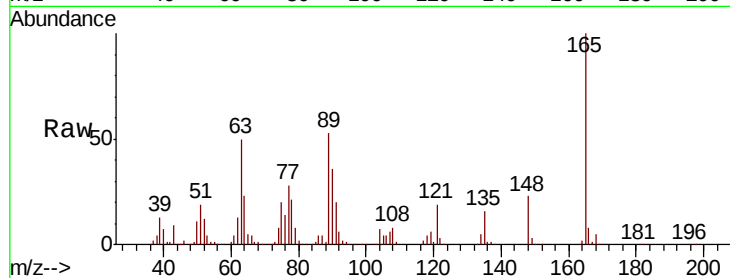
Tot Ion:165 Resp: 204560

Ion Ratio Lower Upper

165 100

63 50.4 34.3 51.5

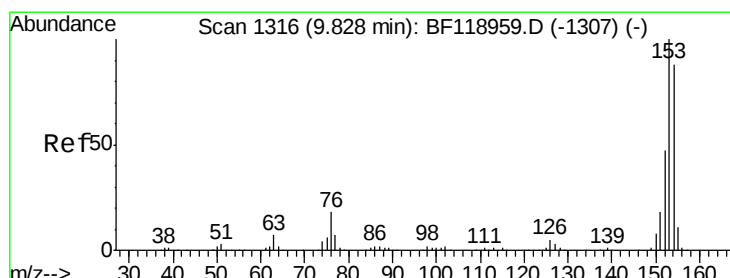
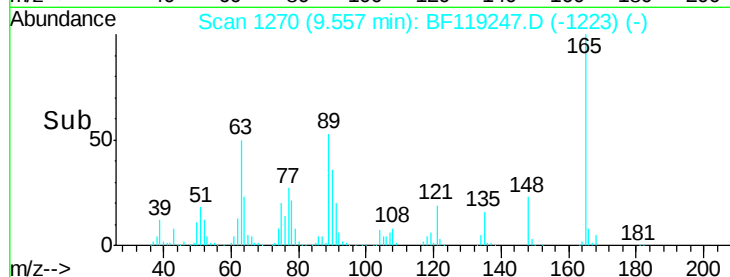
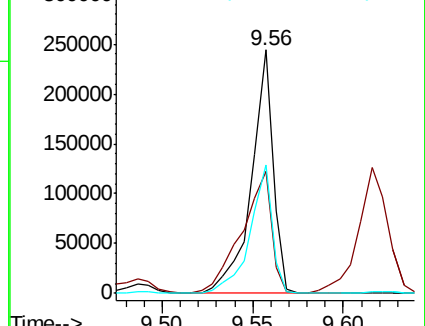
89 52.7 38.3 57.5



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: 42.981 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

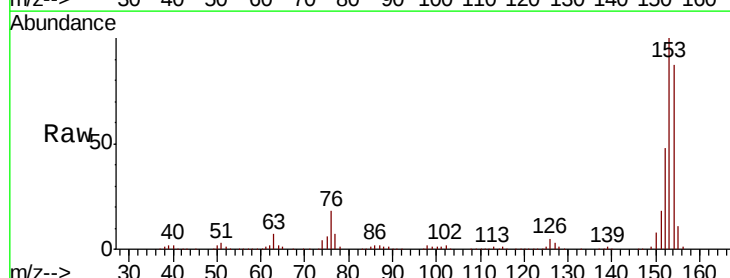
Tgt Ion:154 Resp: 671747

Ion Ratio Lower Upper

154 100

153 114.5 90.3 135.5

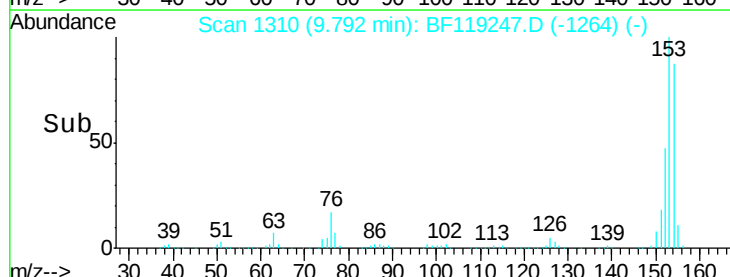
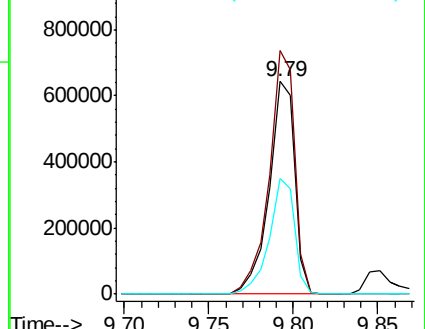
152 54.4 43.8 65.8

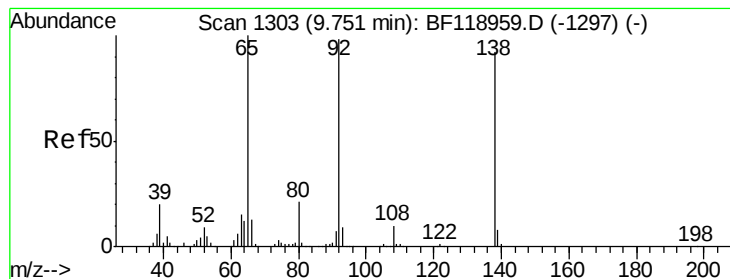


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 12.424 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

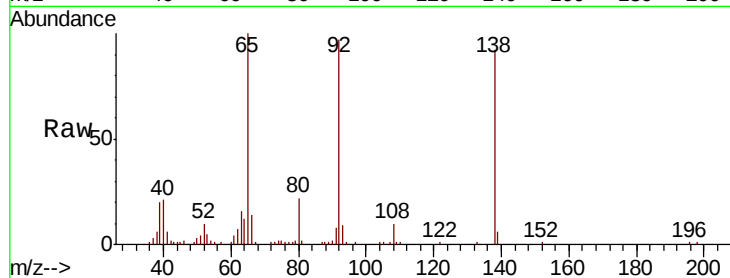
Tot Ion:138 Resp: 64475

Ion Ratio Lower Upper

138 100

108 11.4 8.8 13.2

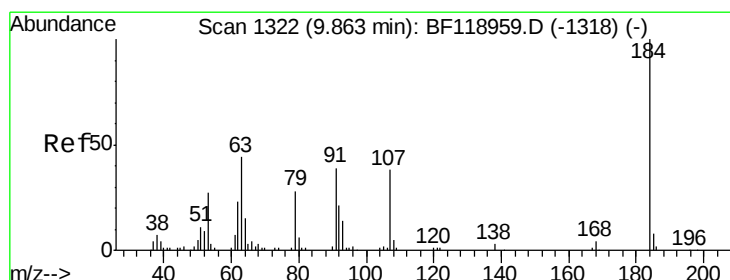
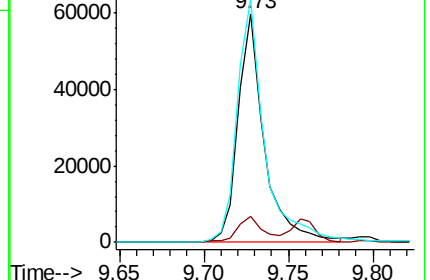
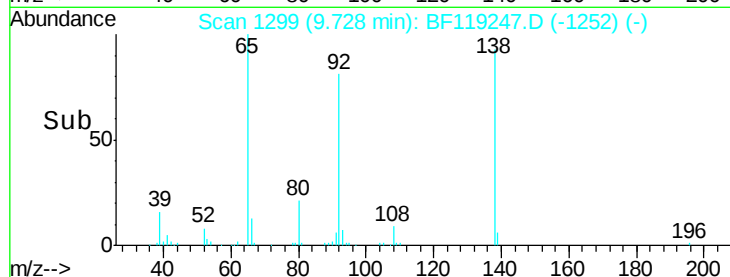
92 106.4 84.8 127.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 64.617 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

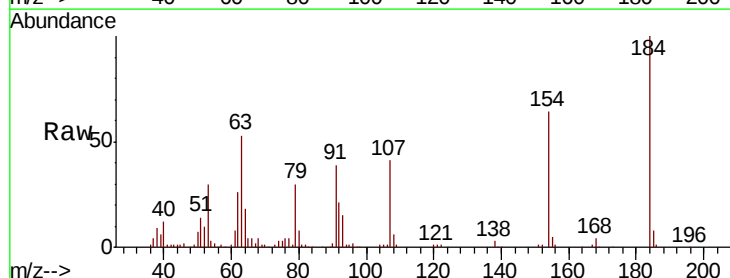
Tgt Ion:184 Resp: 143409

Ion Ratio Lower Upper

184 100

63 53.2 38.7 58.1

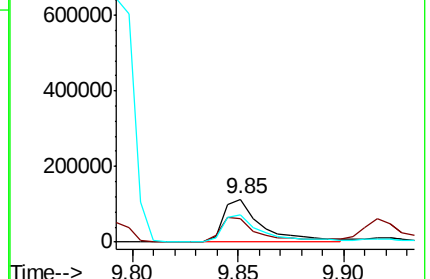
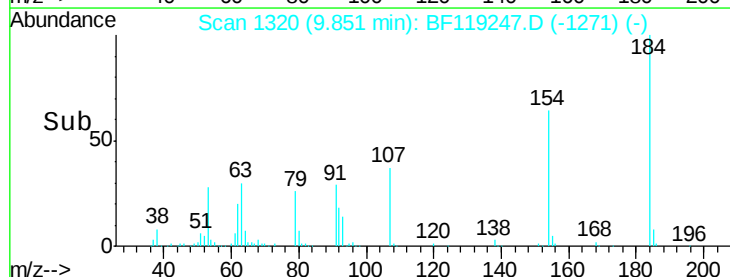
154 64.1 49.7 74.5

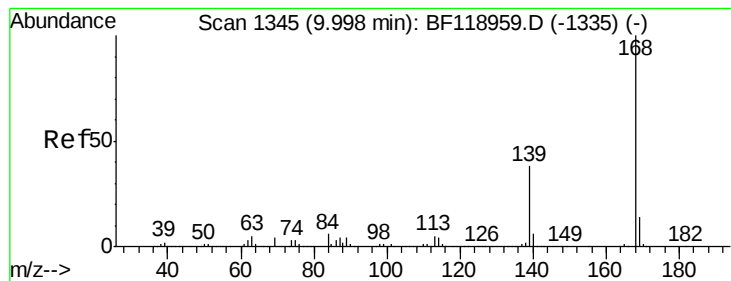


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.645 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampled :

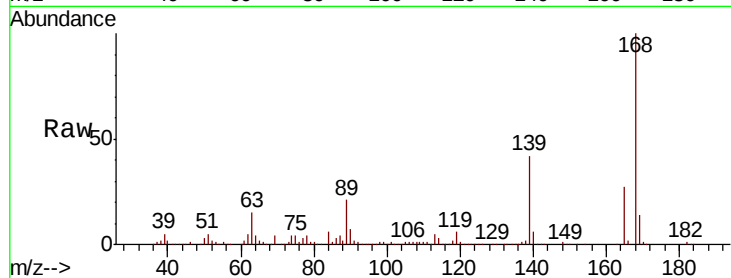
Tot Ion:168 Resp: 994818

Ion Ratio Lower Upper

168 100

139 42.0 34.0 51.0

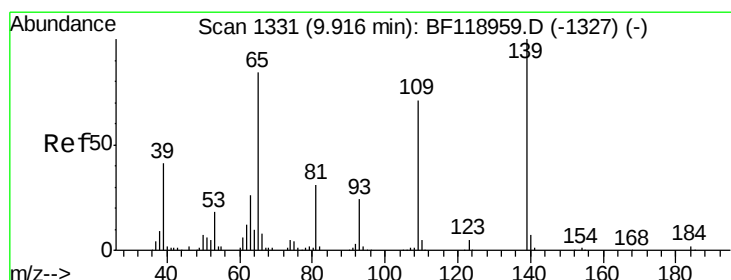
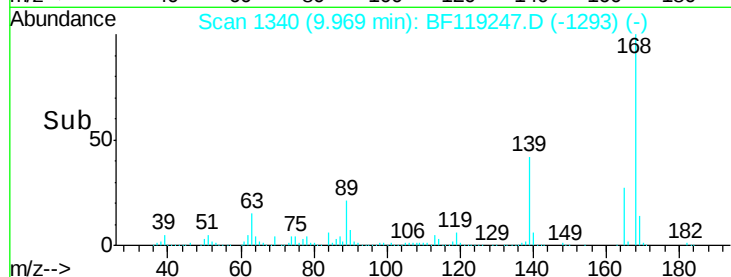
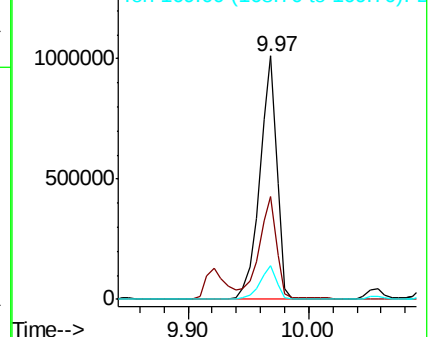
169 13.9 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 47.570 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

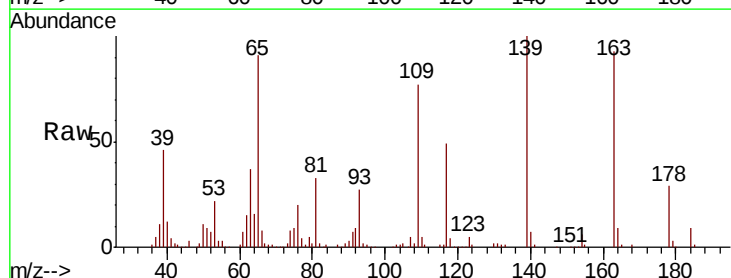
Tgt Ion:139 Resp: 148328

Ion Ratio Lower Upper

139 100

109 77.4 56.7 96.7

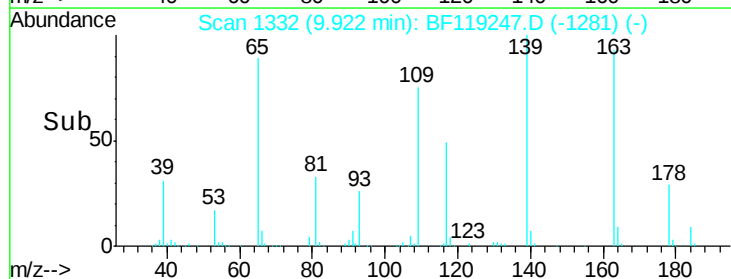
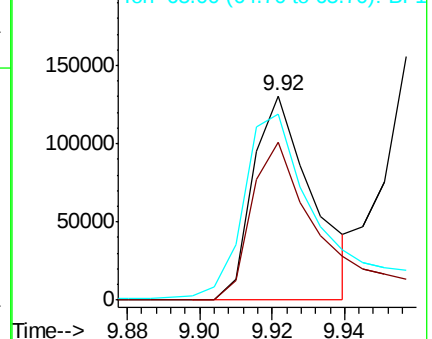
65 90.8 65.0 105.0

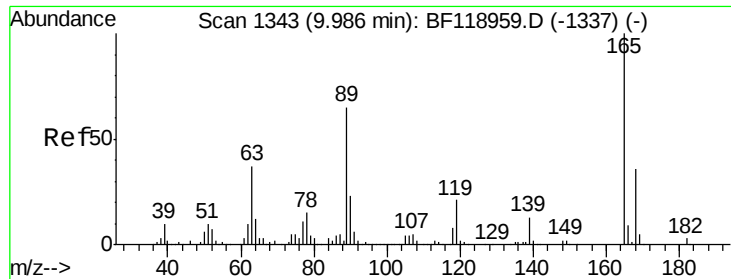


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

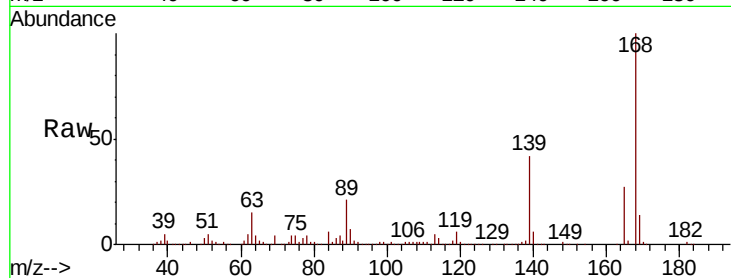




#57
2,4-Dinitrotoluene
Concen: 41.610 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	252482
Ion Ratio	Lower	Upper
165	100	
63	56.9	42.3 63.5
89	77.3	60.2 90.4
182	3.0	2.3 3.5



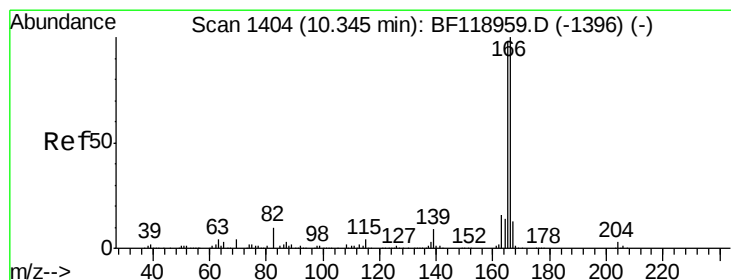
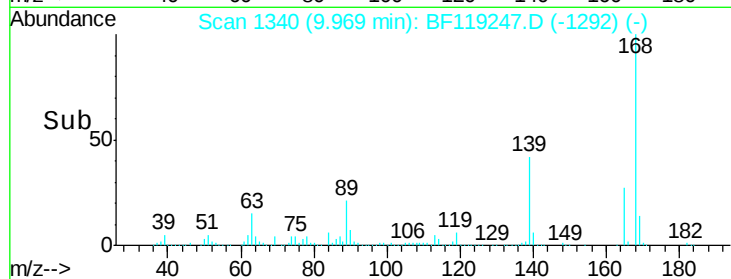
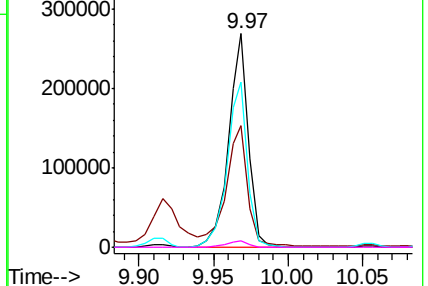
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

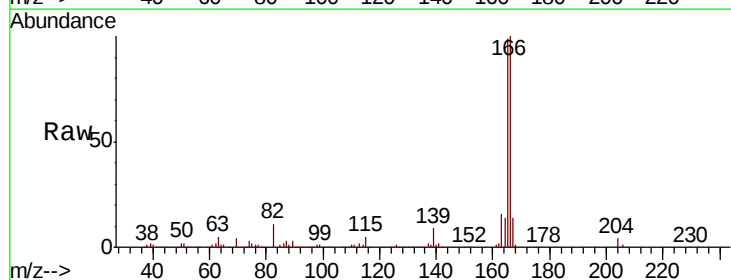
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.163 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion:166	Resp:	800538
Ion Ratio	Lower	Upper
166	100	
165	99.4	78.5 117.7
167	13.6	11.0 16.4

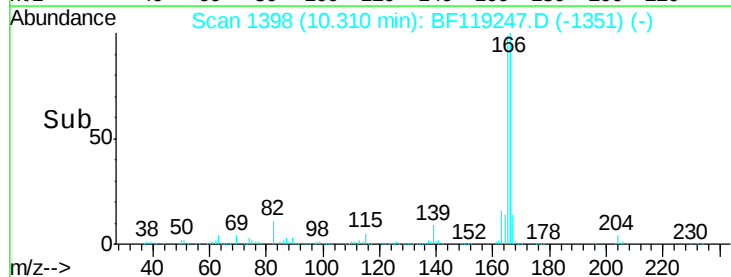
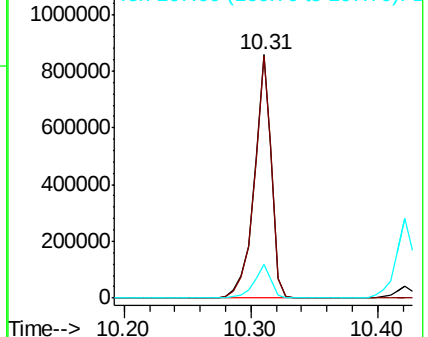


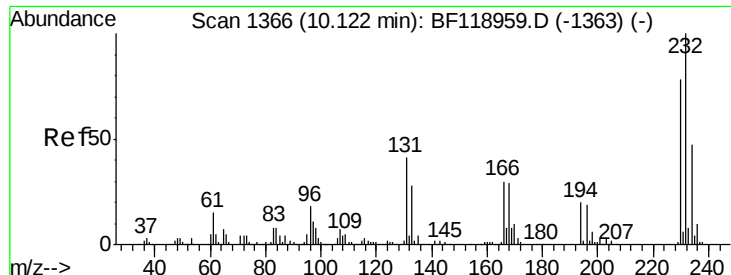
Abundance

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

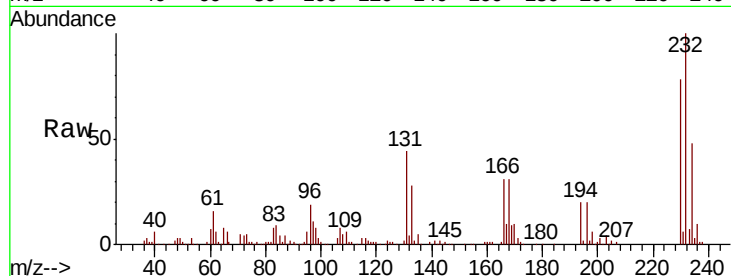




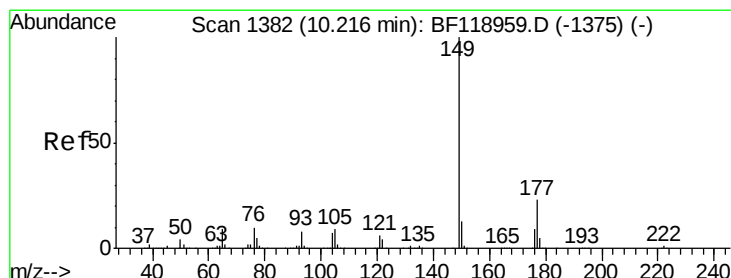
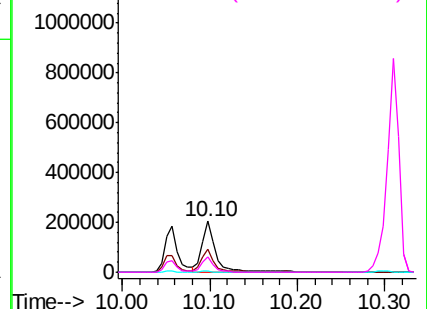
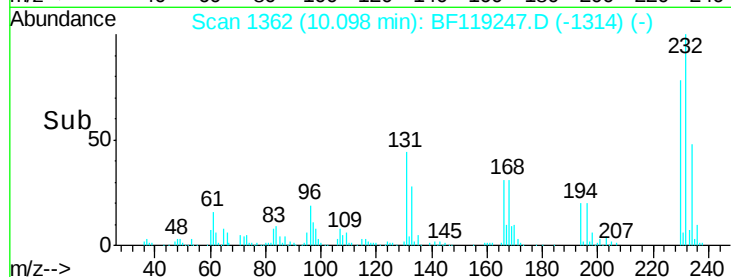
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.979 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.8	50.8
130	2.5	1.8	2.6
166	28.5	23.0	34.4

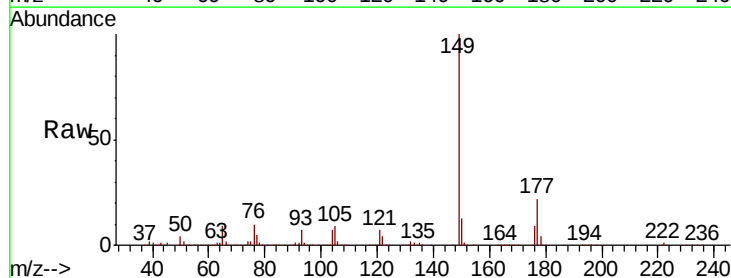


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

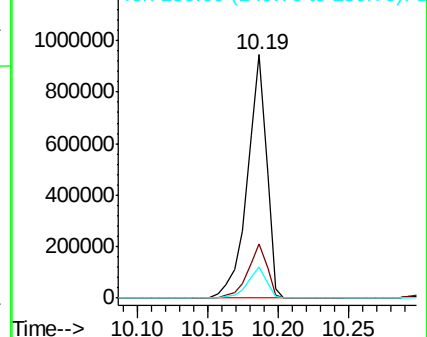
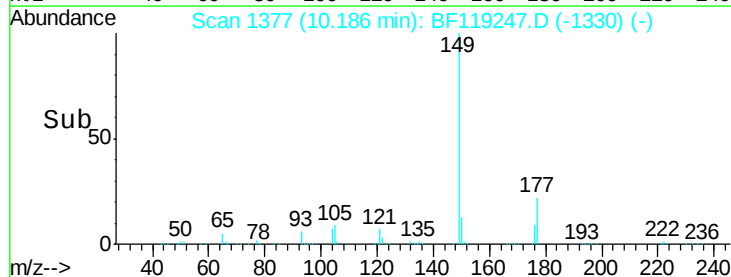


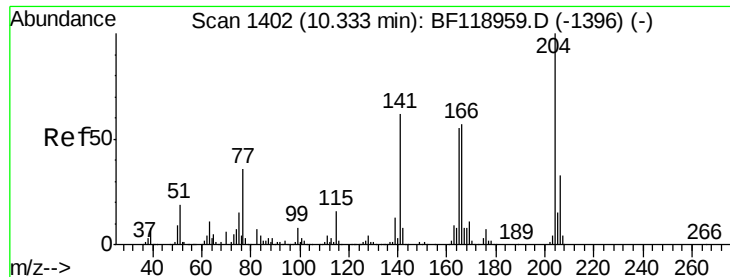
#60
 Diethylphthalate
 Concen: 45.176 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.6	10.5	15.7



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

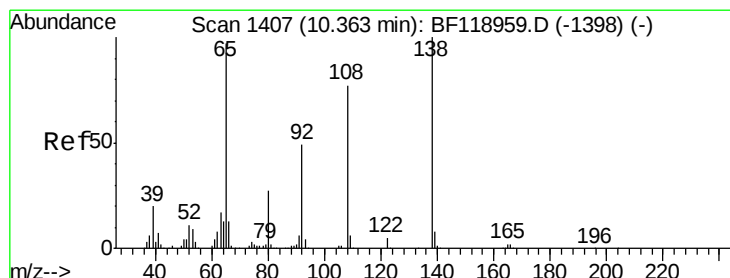
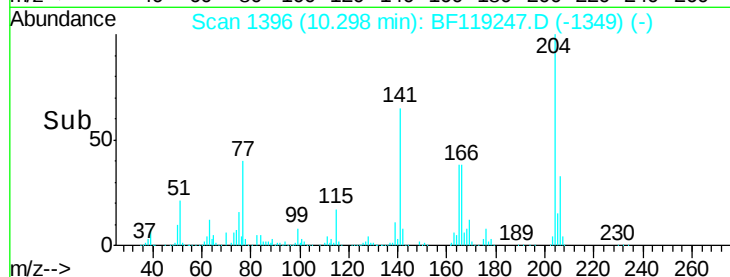
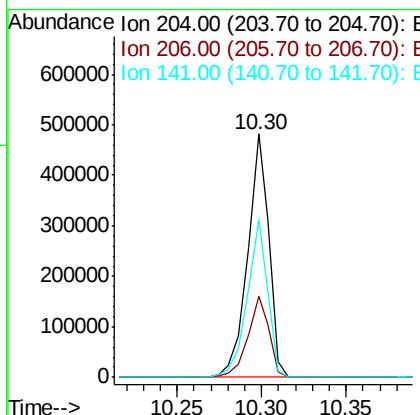
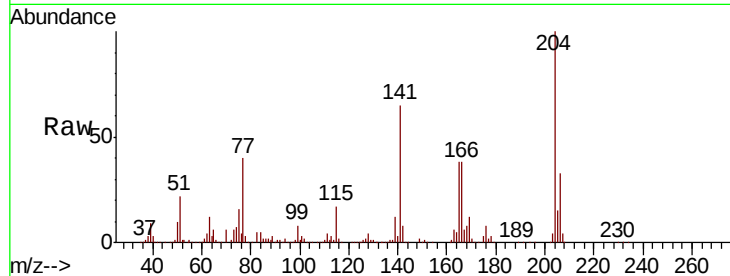




#61
4-Chlorophenyl-phenylether
Concen: 44.078 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

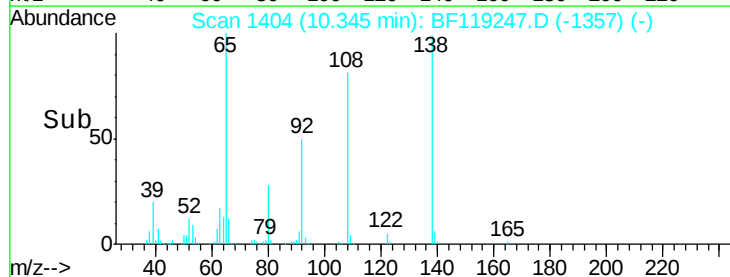
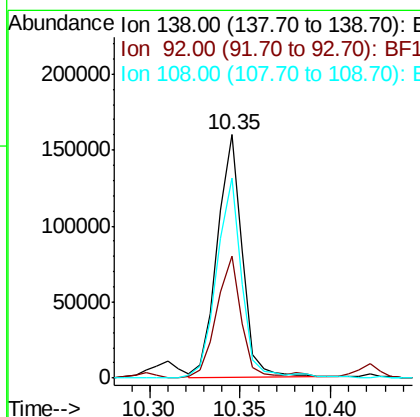
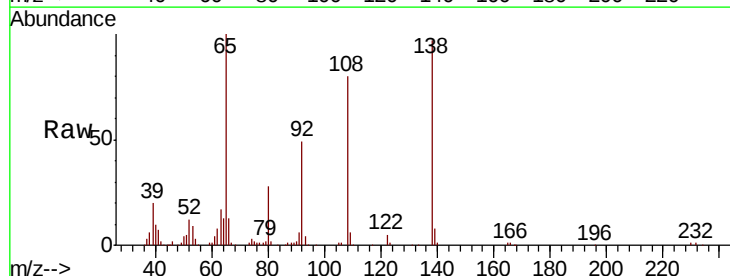
Instrument :
BNA_F
ClientSampleId :

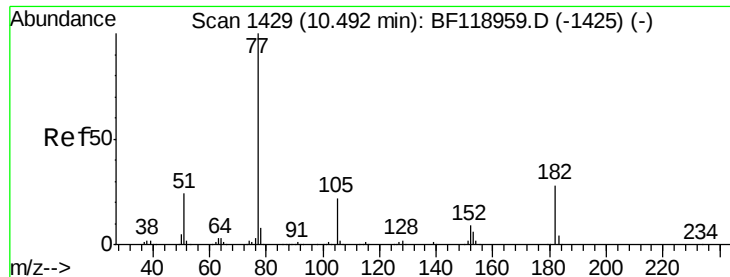
Tot Ion:204 Resp: 422930
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 64.7 52.9 79.3



#62
4-Nitroaniline
Concen: 28.669 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion:138 Resp: 152223
Ion Ratio Lower Upper
138 100
92 50.0 27.3 67.3
108 82.1 57.0 97.0





#63

Azobenzene

Concen: 44.460 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 767355

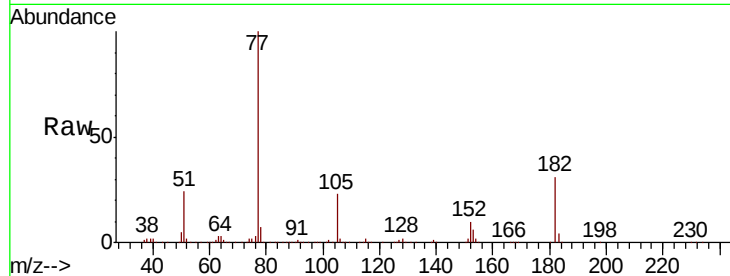
Ion Ratio Lower Upper

77 100

182 30.8 11.4 51.4

105 22.9 3.4 43.4

51 24.4 5.1 45.1

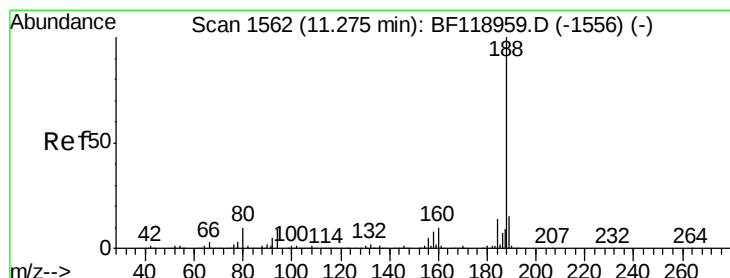
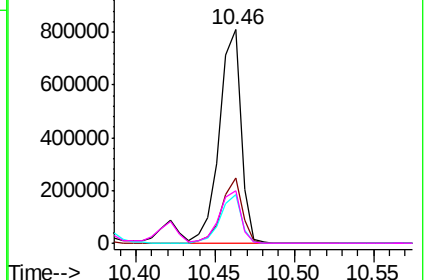
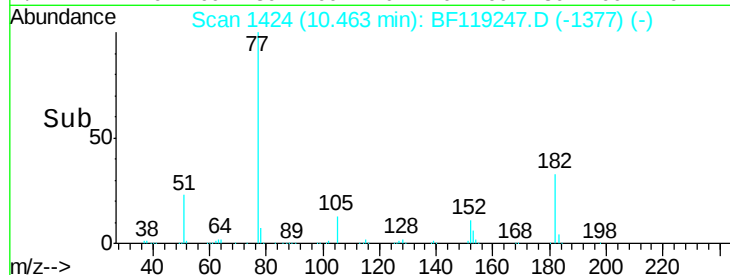


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

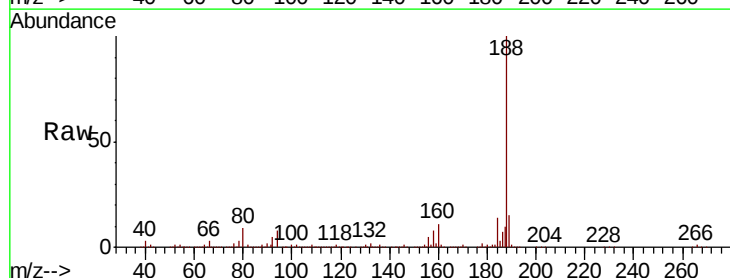
Tgt Ion: 188 Resp: 454210

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

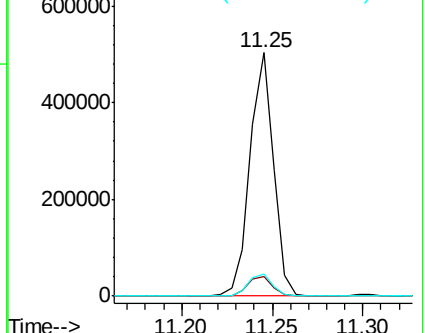
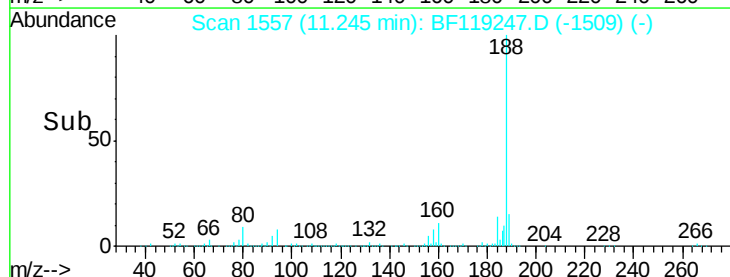
80 8.9 7.8 11.8

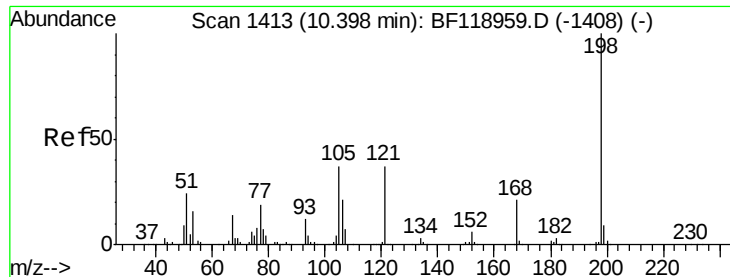


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

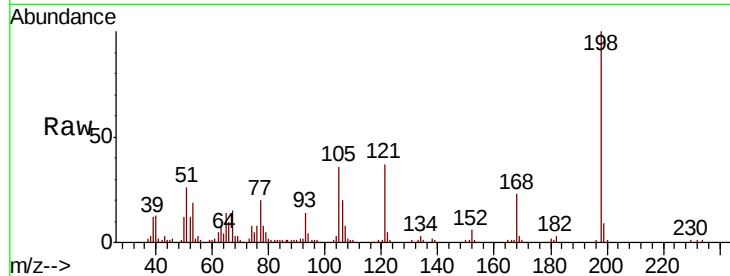




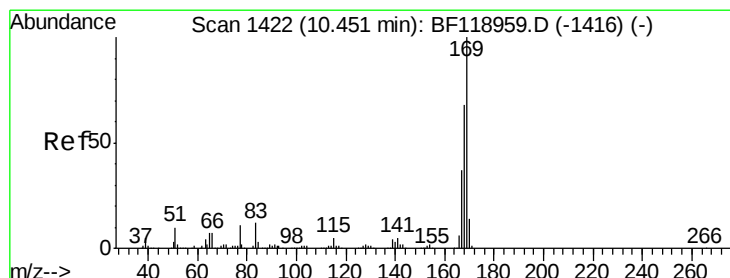
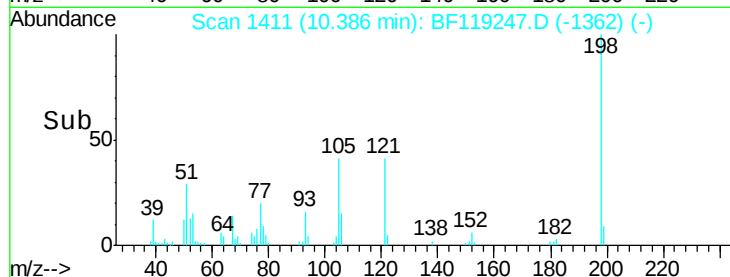
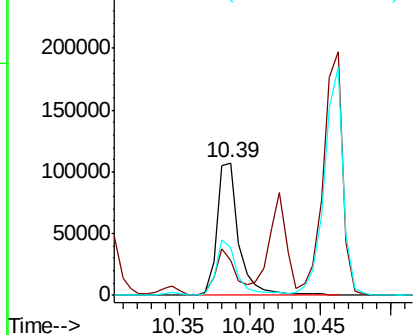
#65
4,6-Dinitro-2-methylphenol
Concen: 42.185 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	198	Resp	115945
Ion Ratio	100	Lower	Upper
51	26.2	14.2	54.2
105	35.9	22.7	62.7

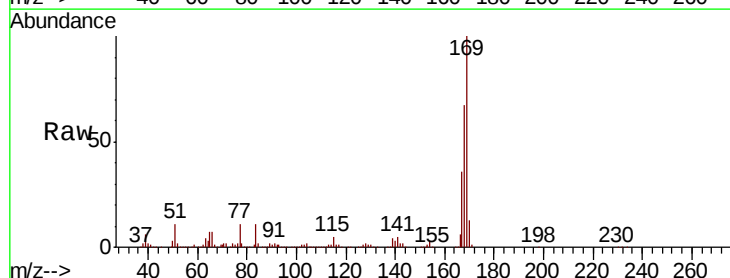


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

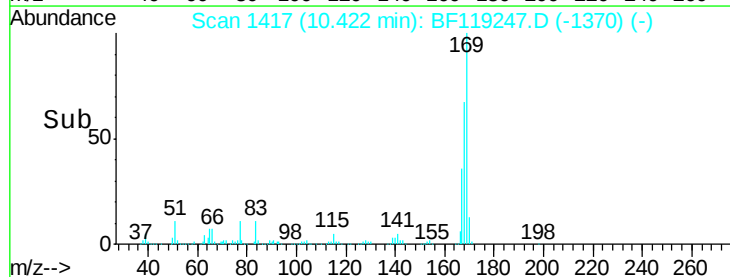
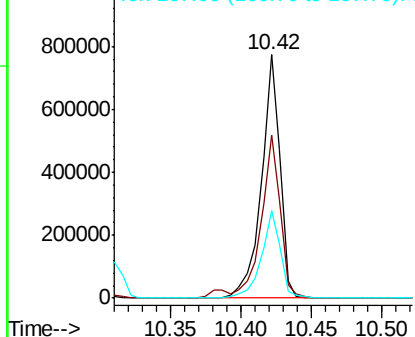


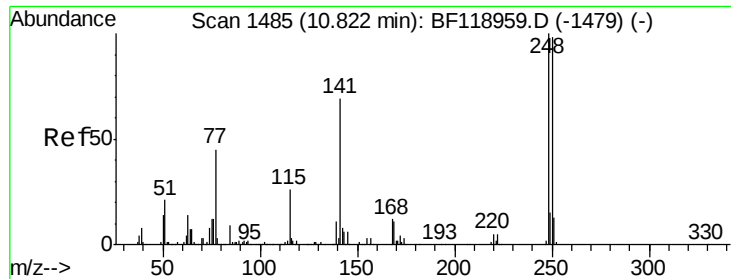
#66
n-Nitrosodiphenylamine
Concen: 48.765 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion	169	Resp	725251
Ion Ratio	100	Lower	Upper
168	66.7	54.1	81.1
167	36.2	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

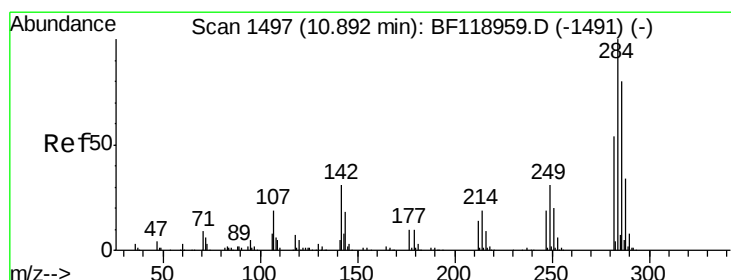
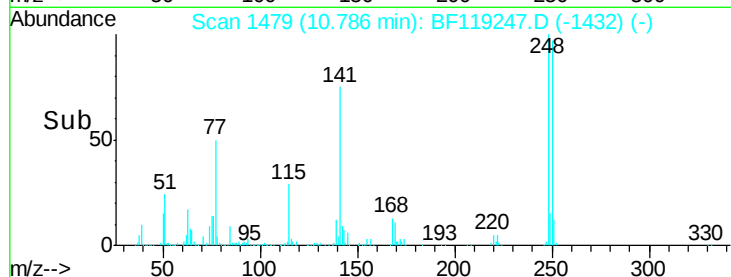
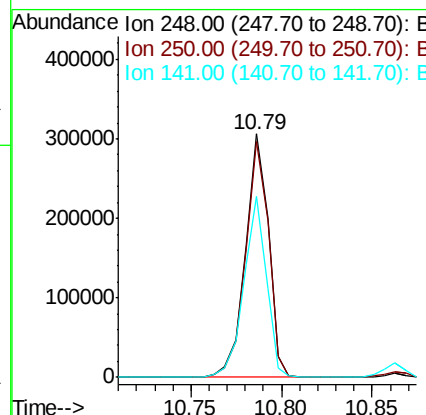
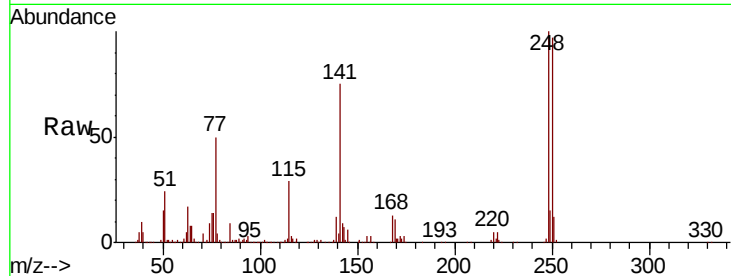




#67
 4-Bromophenyl-phenylether
 Concen: 45.564 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

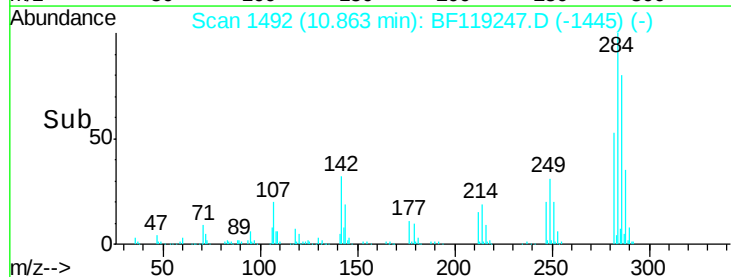
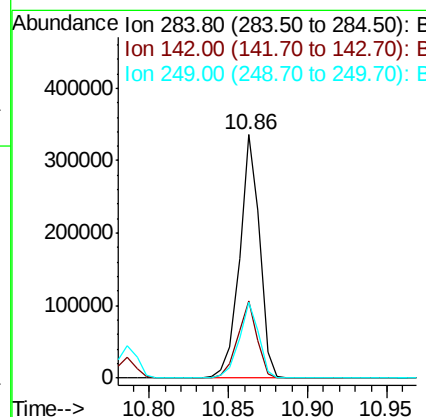
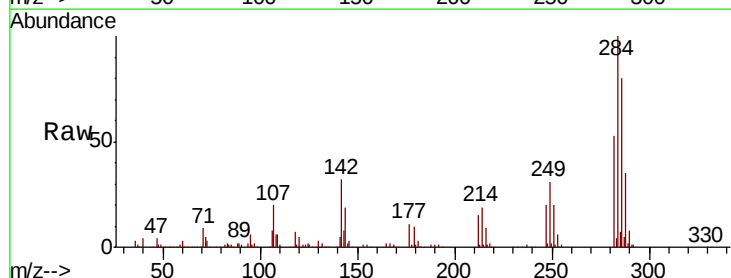
Instrument :
 BNA_F
 ClientSampleId :

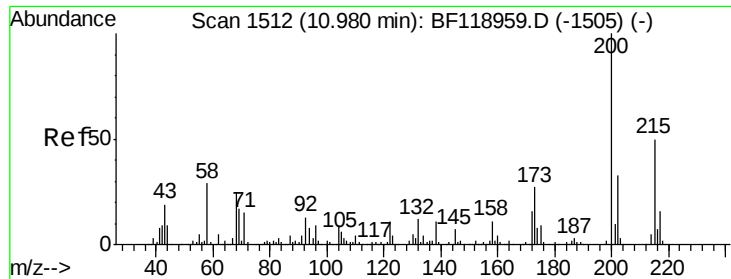
Tot Ion:248 Resp: 270521
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.7 115.1
 141 74.5 60.7 91.1



#68
 Hexachlorobenzene
 Concen: 42.822 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion:284 Resp: 293125
 Ion Ratio Lower Upper
 284 100
 142 31.7 23.7 35.5
 249 31.0 25.0 37.6

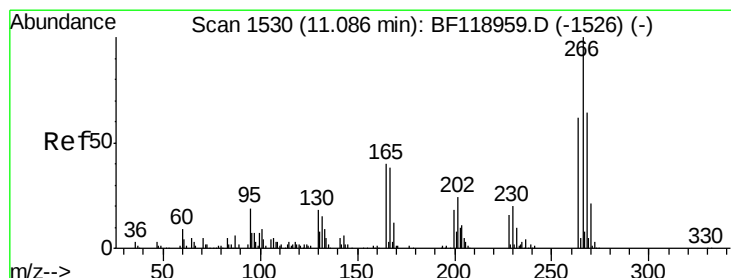
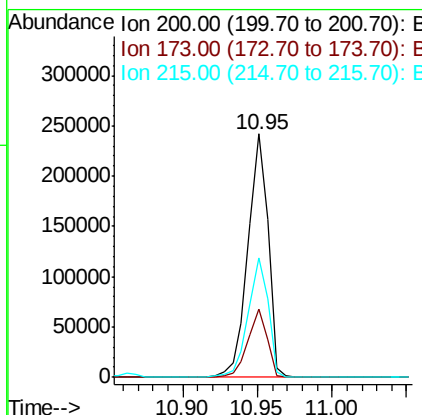
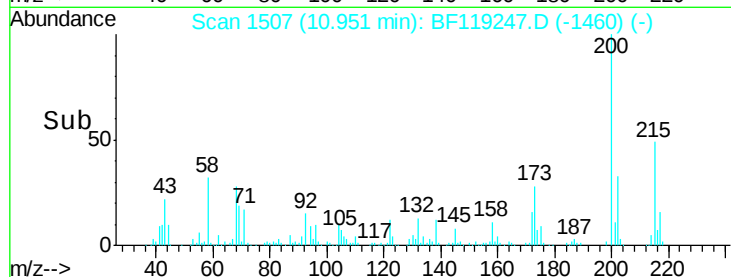
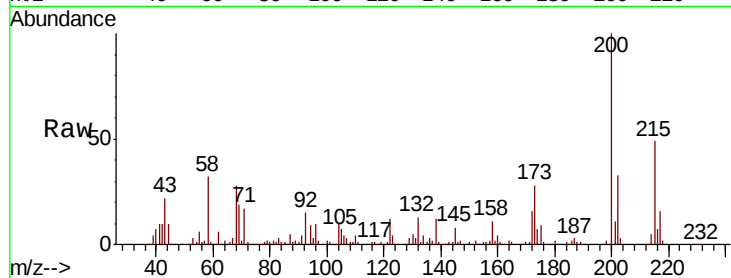




#69
Atrazine
Concen: 43.590 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

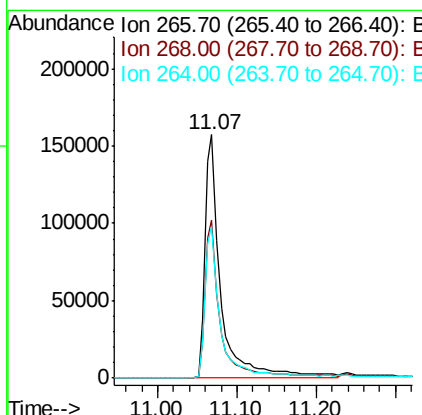
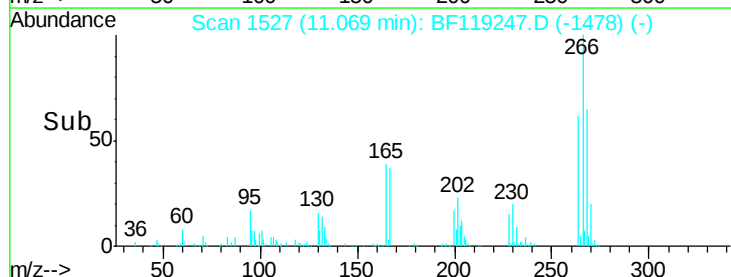
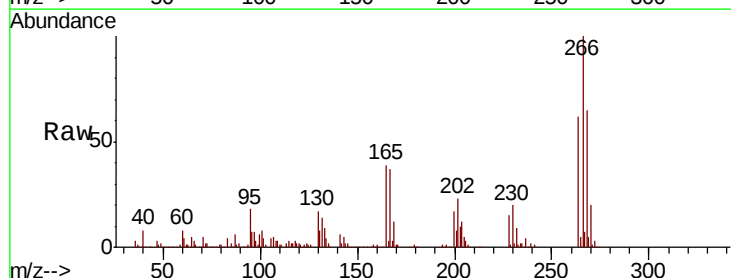
Instrument :
BNA_F
ClientSampleId :

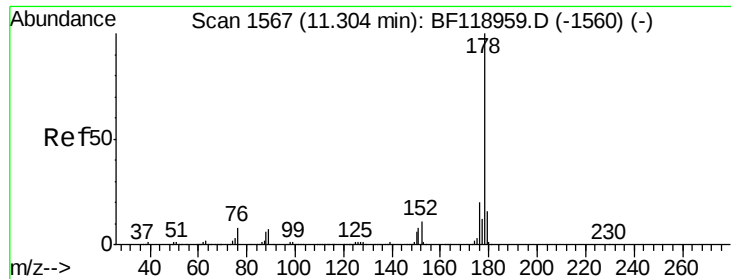
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.4	46.4
215	48.8	27.4	67.4



#70
Pentachlorophenol
Concen: 80.872 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	62.3	51.0	76.4

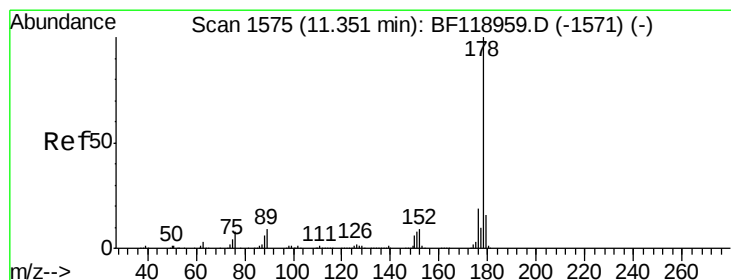
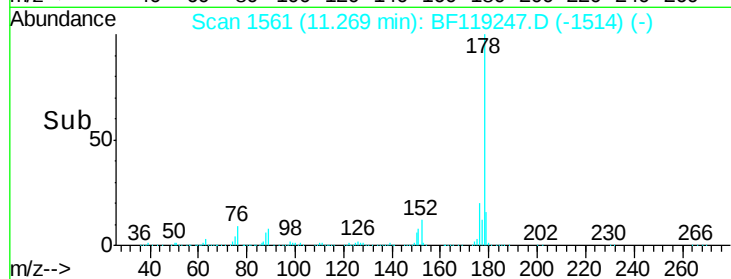
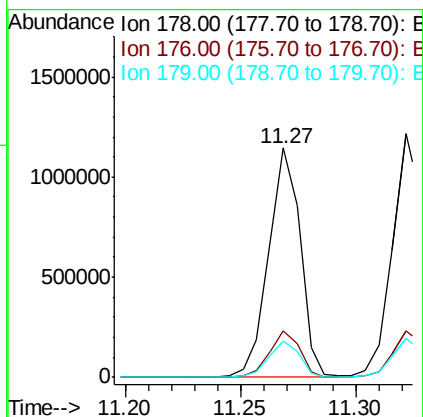
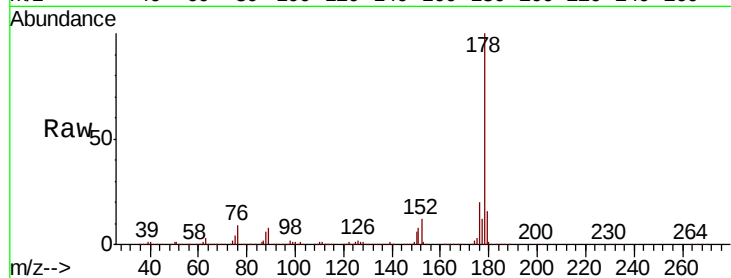




#71
Phenanthrene
Concen: 43.960 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

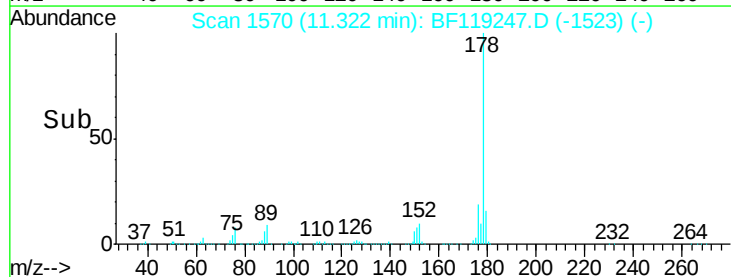
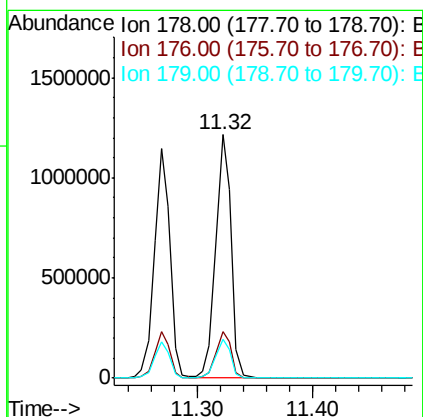
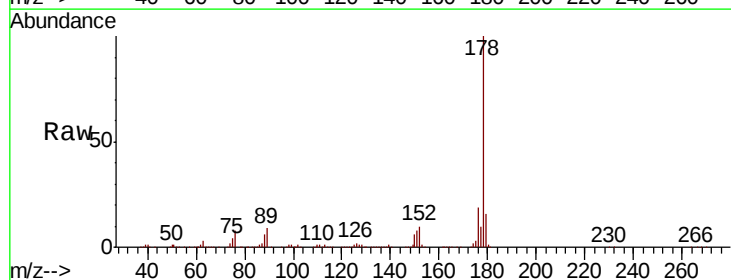
Instrument :
BNA_F
ClientSampleId :

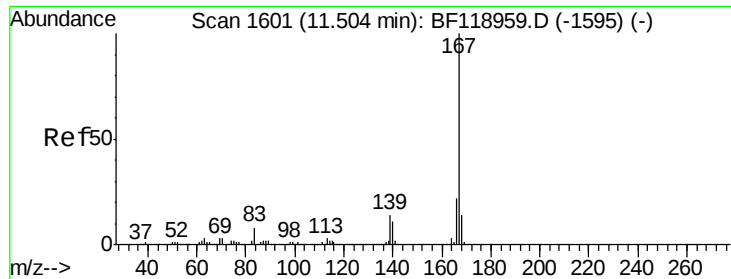
Tot Ion:178 Resp: 1088917
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 15.9 13.0 19.6



#72
Anthracene
Concen: 45.417 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion:178 Resp: 1124060
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.9 13.1 19.7

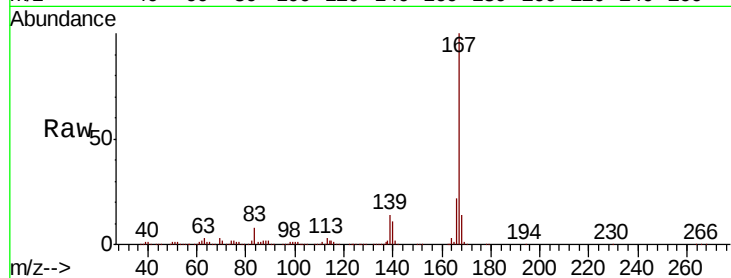




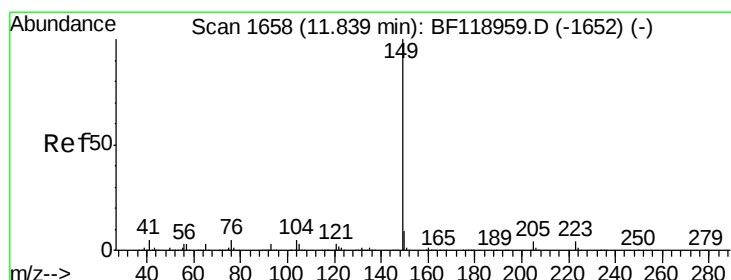
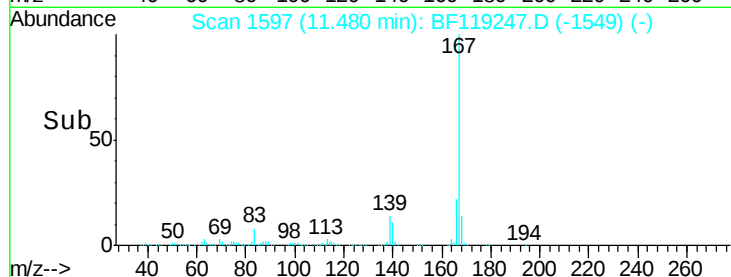
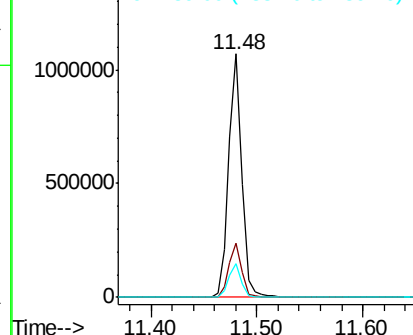
#73
 Carbazole
 Concen: 42.253 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 931633
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.6 11.7 17.5

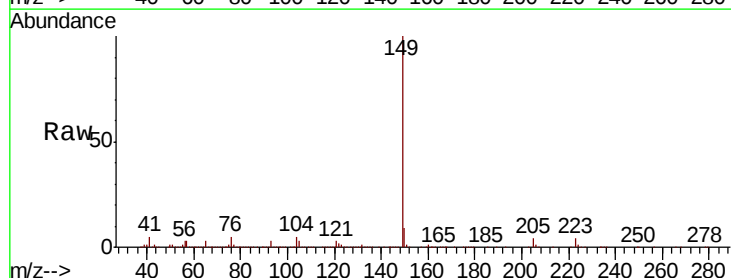


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

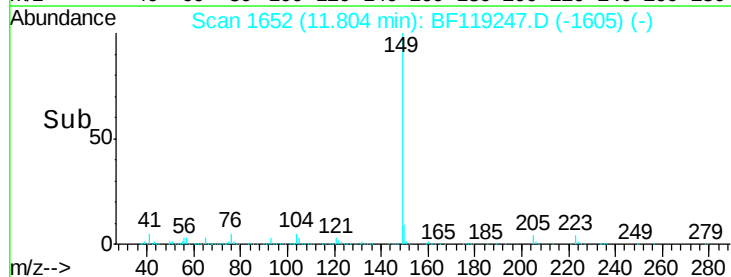
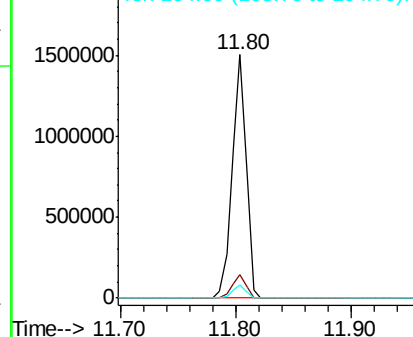


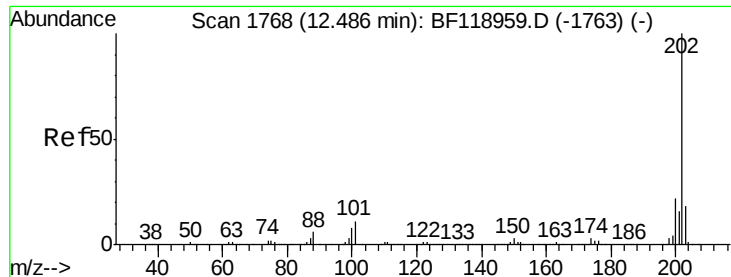
#74
 Di-n-butylphthalate
 Concen: 46.771 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion:149 Resp: 1248844
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.9 11.9
 104 5.2 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

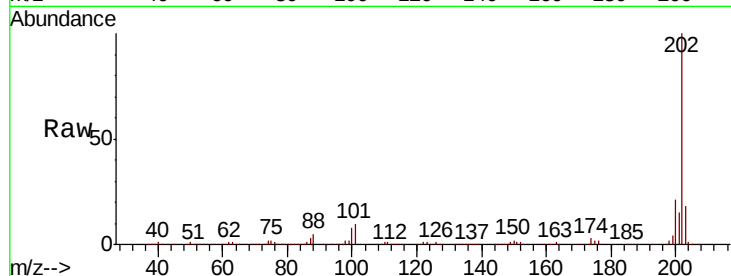




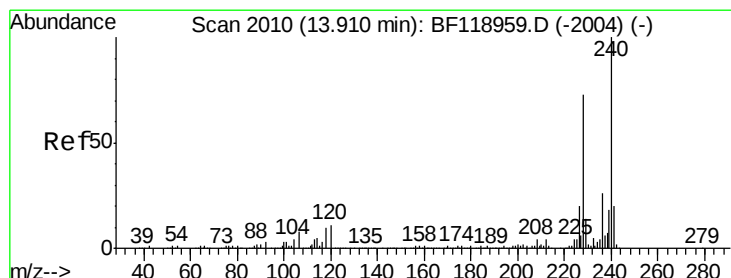
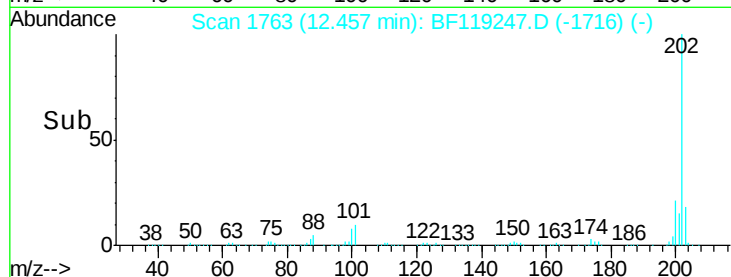
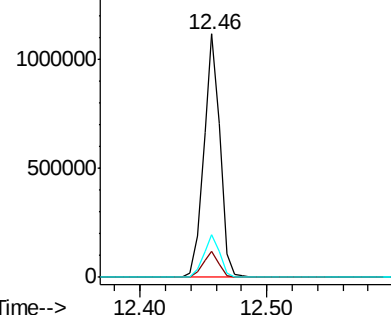
#75
Fluoranthene
Concen: 38.196 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1004286
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.6 0.0 38.4

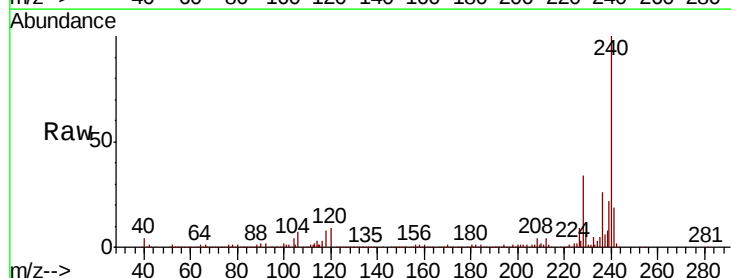


Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

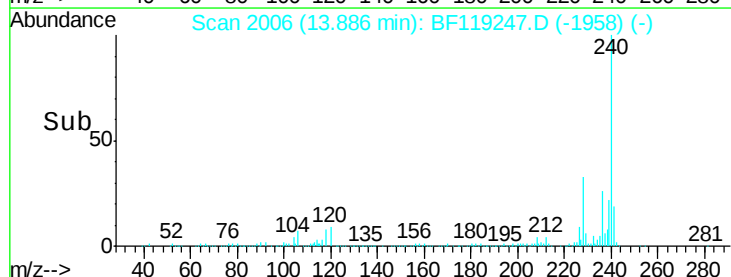
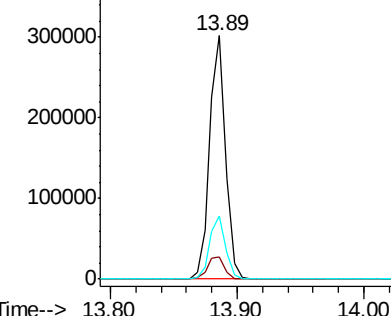


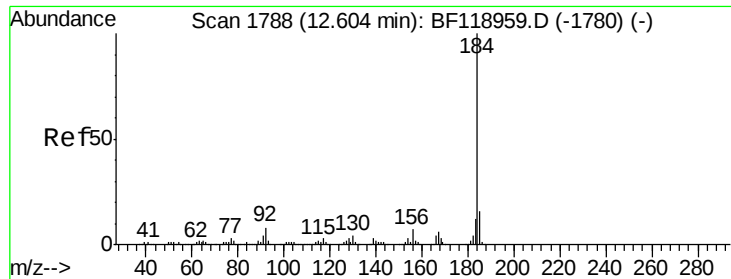
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion:240 Resp: 264103
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 26.0 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
400000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.532 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

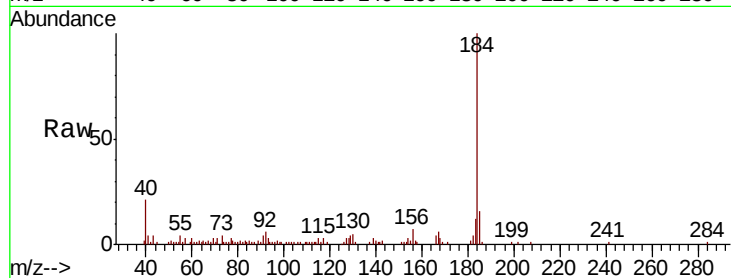
Tot Ion:184 Resp: 70161

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.4

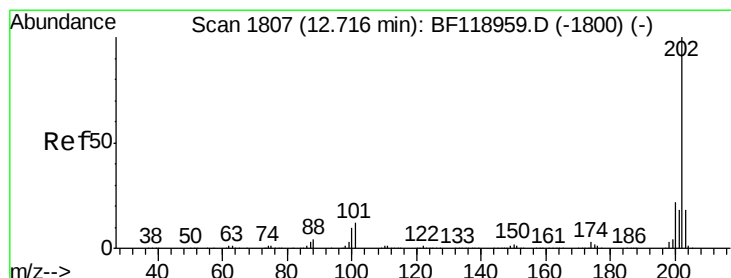
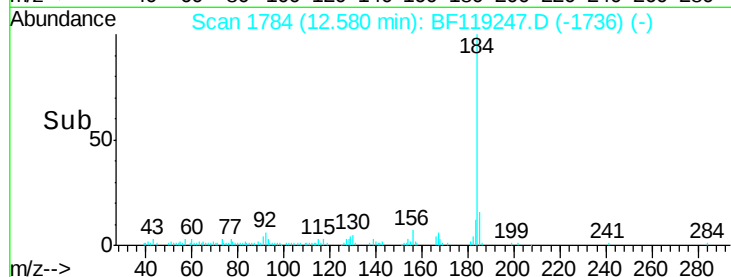
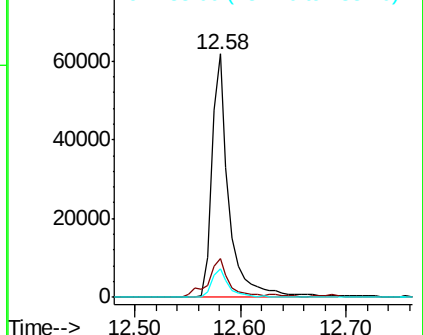
183 11.6 9.9 14.9



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: 45.567 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

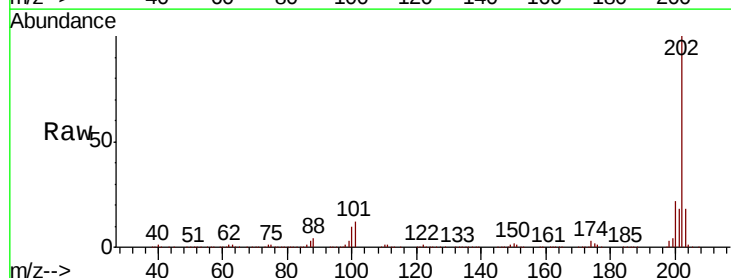
Tgt Ion:202 Resp: 966349

Ion Ratio Lower Upper

202 100

200 21.5 18.0 27.0

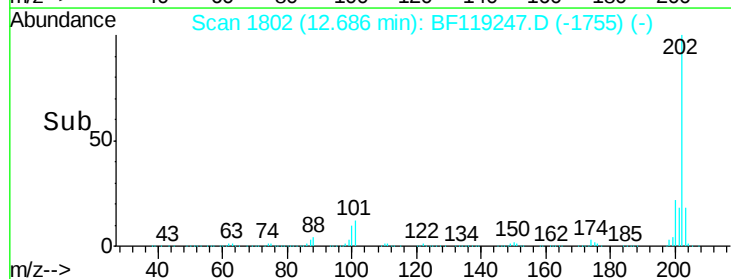
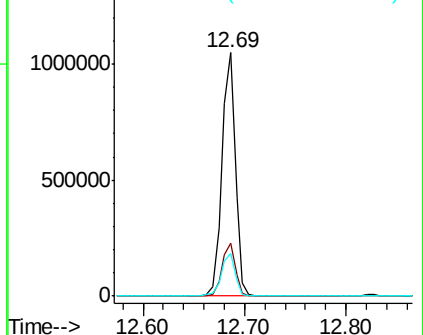
203 17.7 14.6 22.0

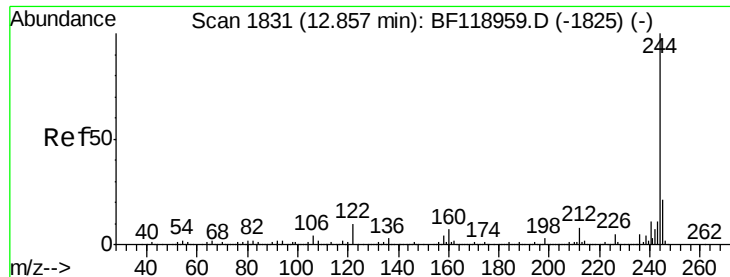


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.785 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

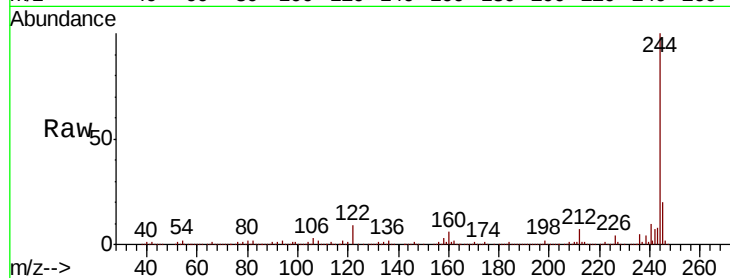
Tot Ion:244 Resp: 1423314

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	8.6	8.2	12.2

244 100

212 7.0 6.6 10.0

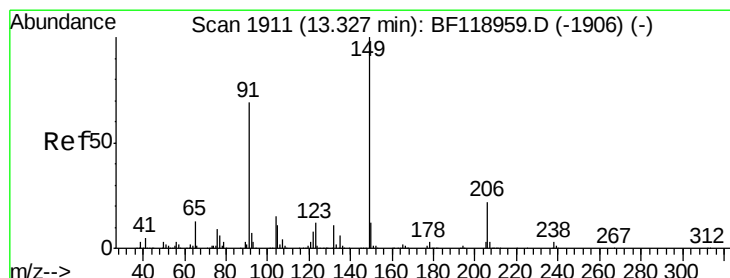
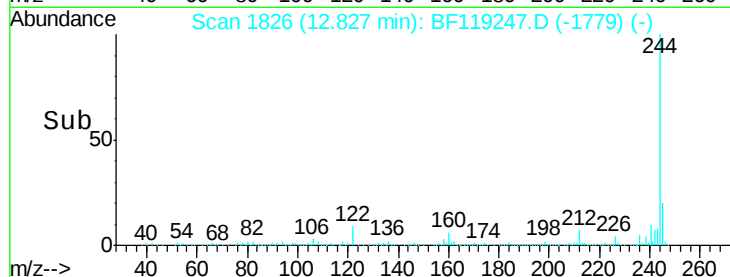
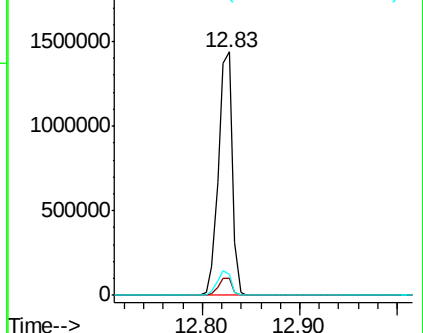
122 8.6 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.472 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

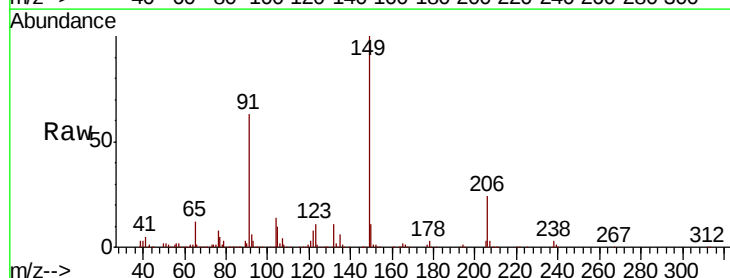
Tgt Ion:149 Resp: 414786

Ion	Ratio	Lower	Upper
149	100		
91	62.9	52.3	78.5
206	23.6	18.5	27.7

149 100

91 62.9 52.3 78.5

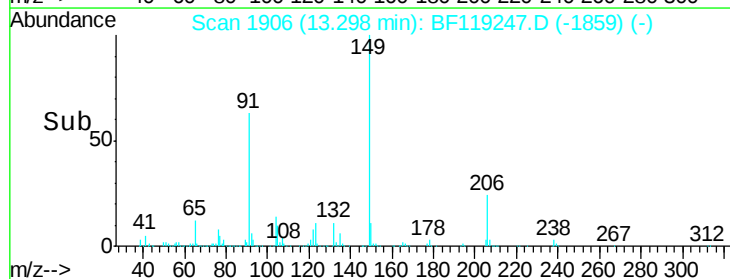
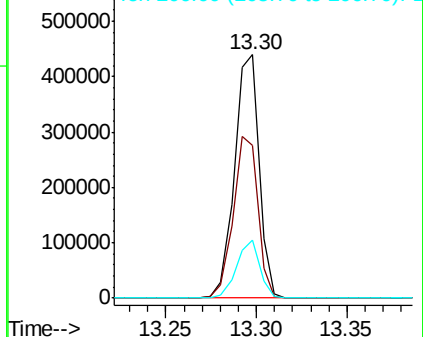
206 23.6 18.5 27.7

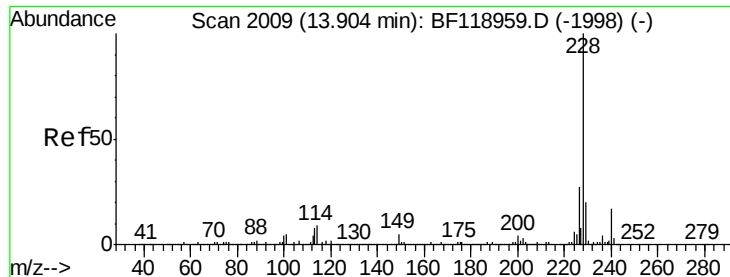


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.152 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

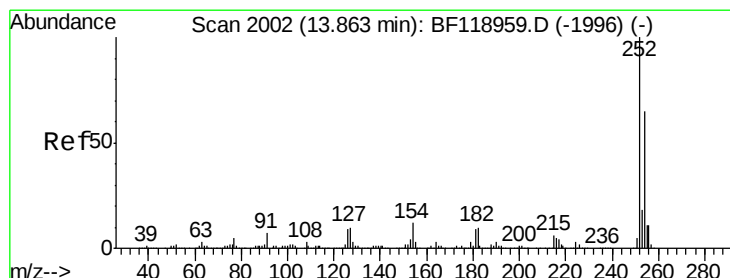
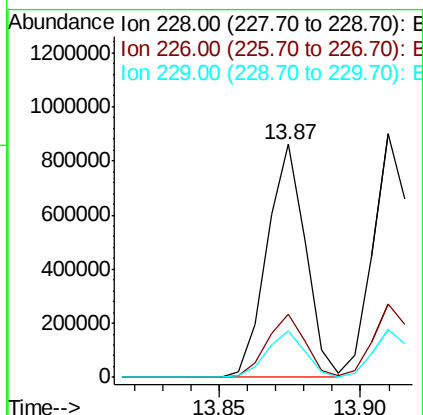
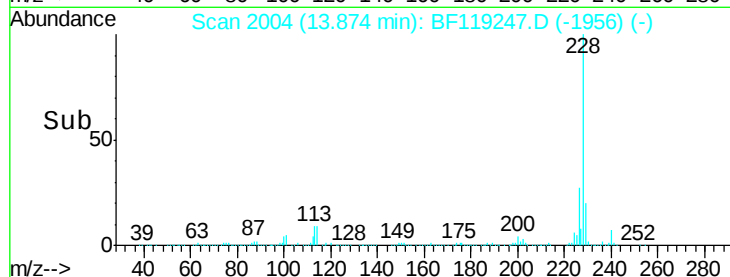
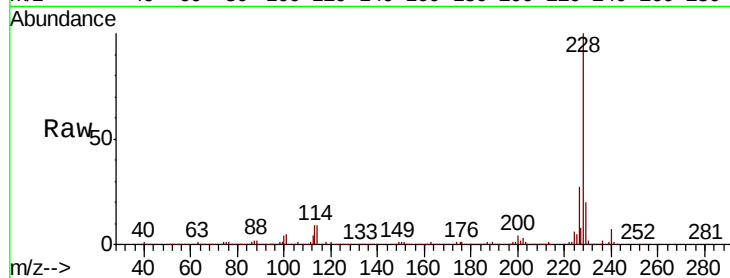
Tot Ion:228 Resp: 812522

Ion Ratio Lower Upper

228 100

226 27.0 22.6 33.8

229 19.9 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 27.411 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

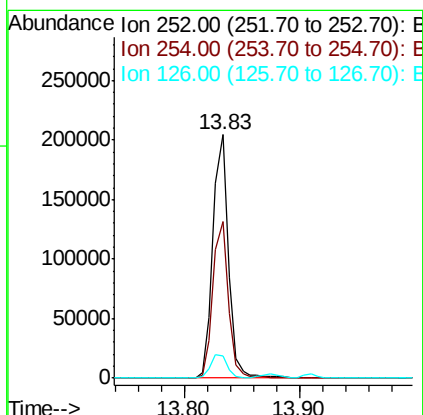
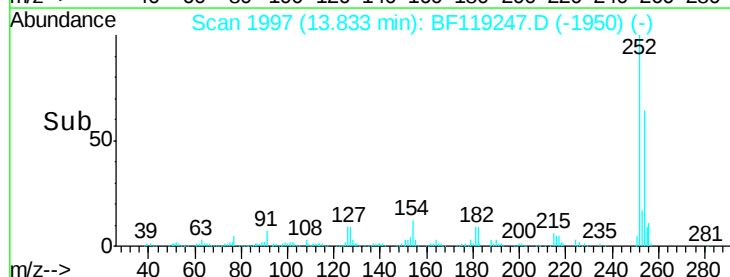
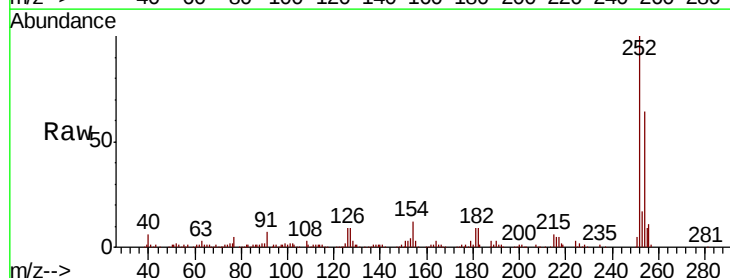
Tgt Ion:252 Resp: 191535

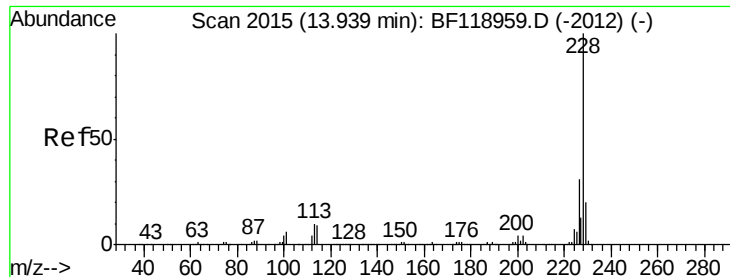
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 9.4 7.4 11.0

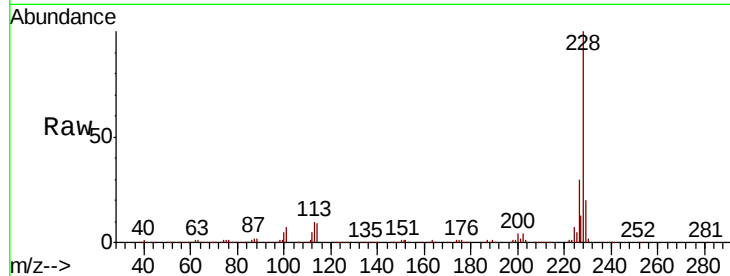




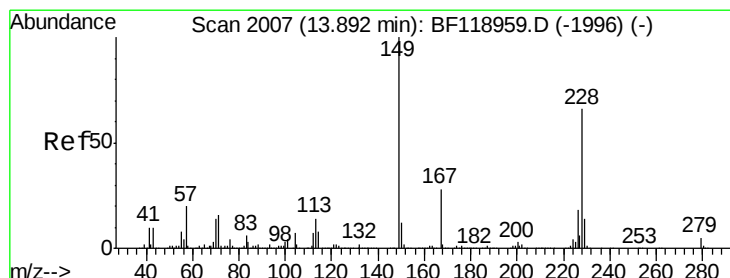
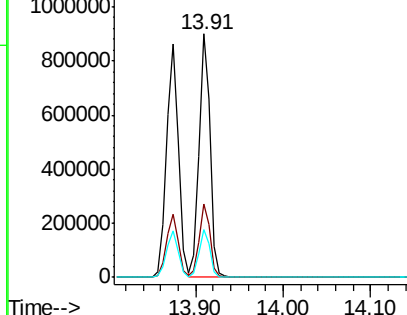
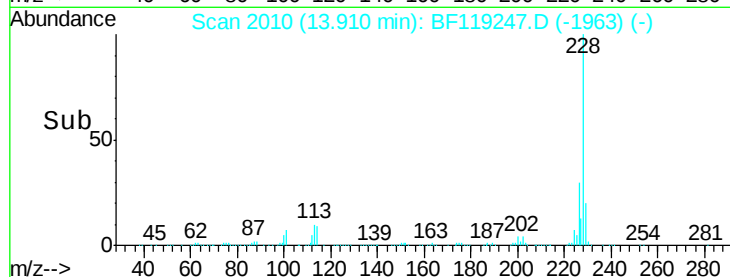
#83
 Chrvsene
 Concen: 43.958 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.1	37.7
229	19.9	16.3	24.5

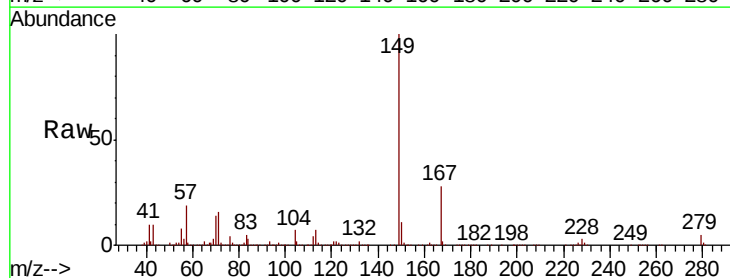


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

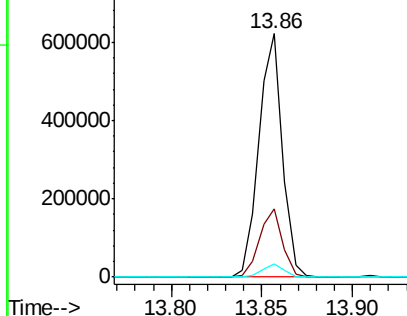
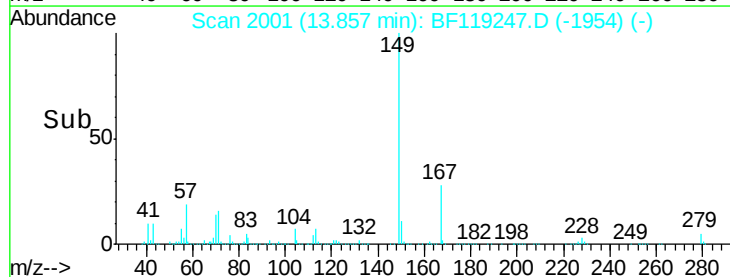


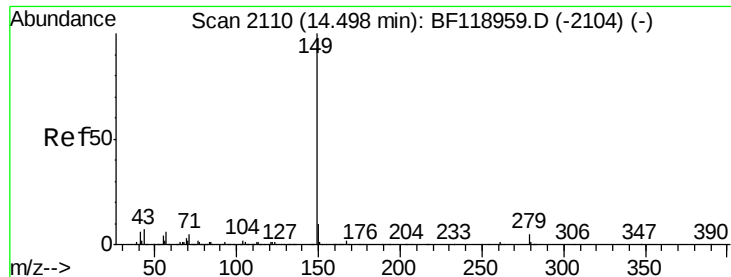
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.815 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119247.D
 Acq: 6 Mar 2020 9:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	5.3	4.6	6.8



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: 49.811 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampled :

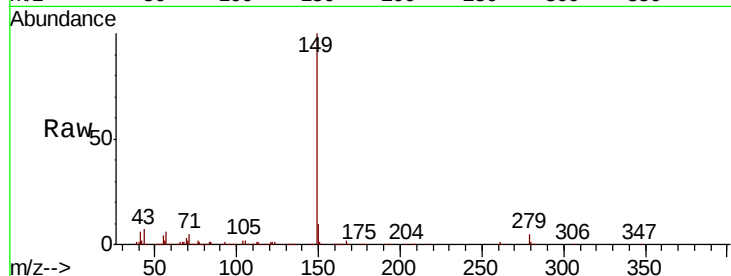
Tot Ion:149 Resp: 894919

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

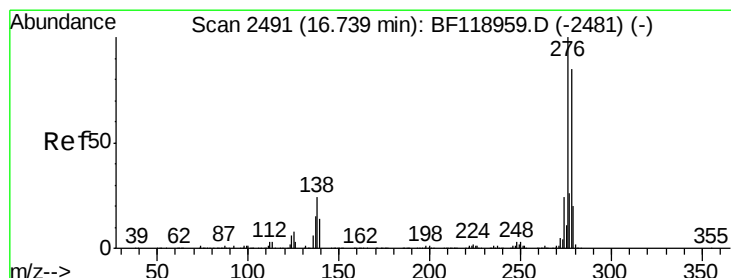
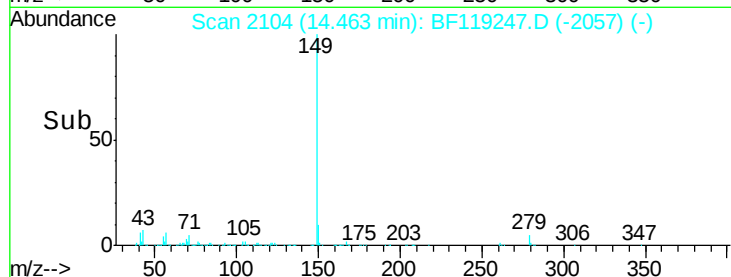
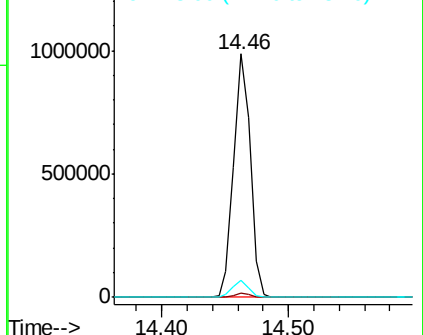
43 6.4 5.7 8.5



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: 54.872 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

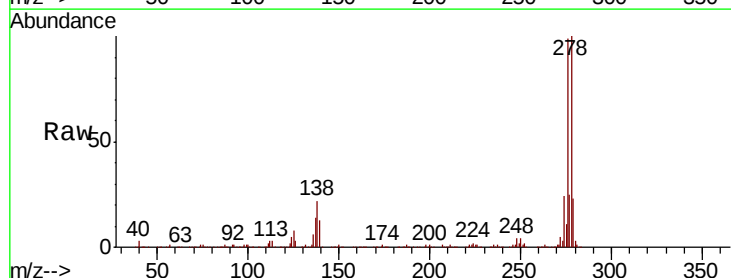
Tgt Ion:276 Resp: 952667

Ion Ratio Lower Upper

276 100

138 22.1 17.4 26.0

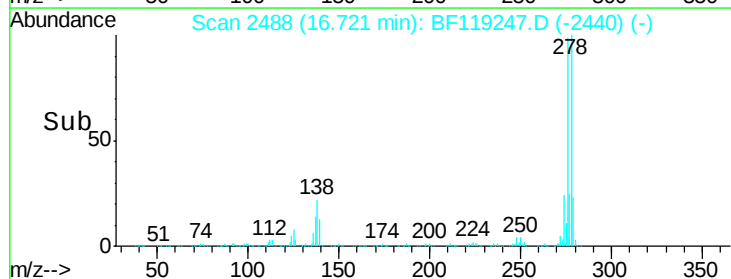
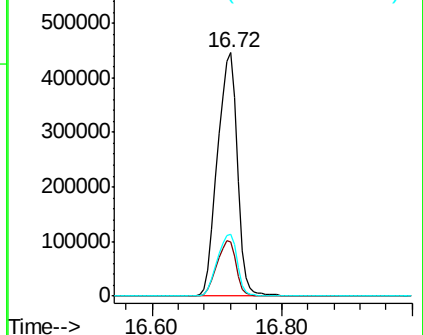
277 25.6 20.3 30.5

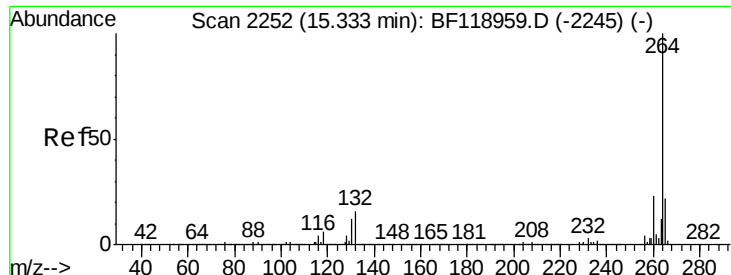


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



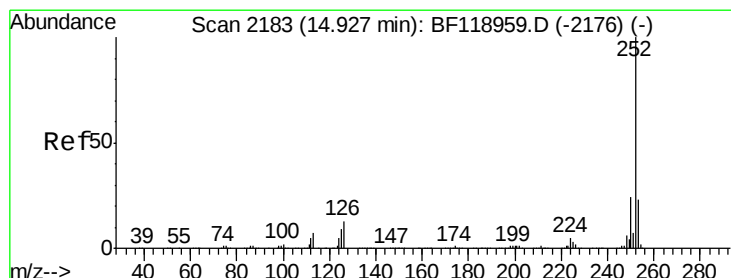
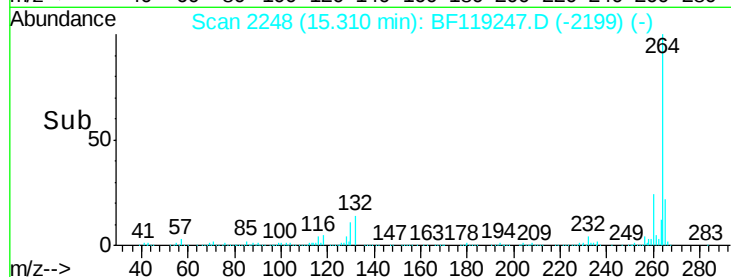
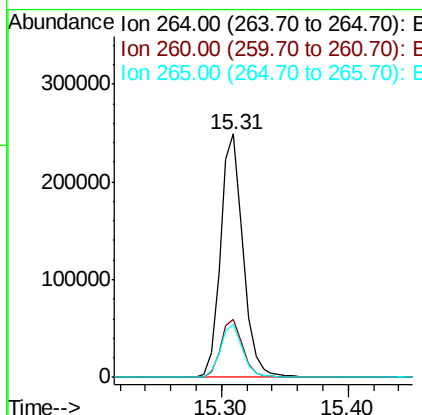
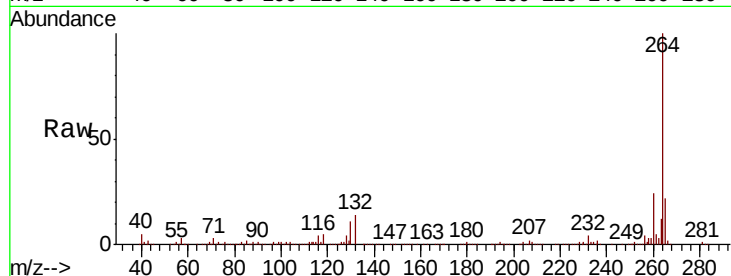


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 307563

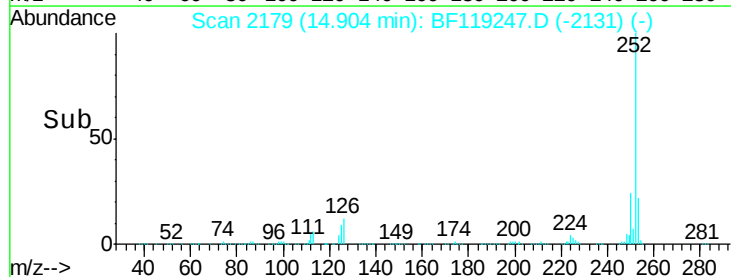
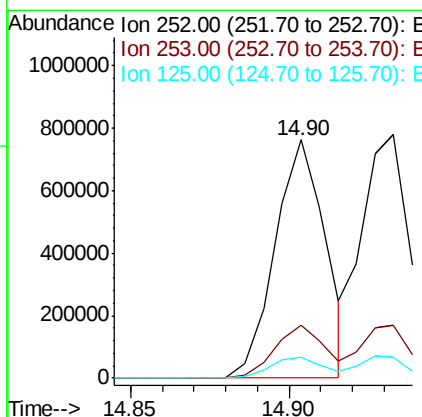
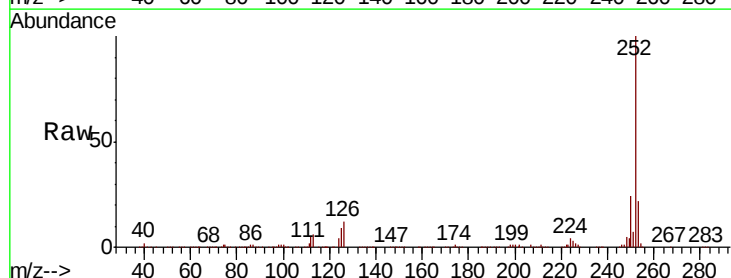
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.7	26.5

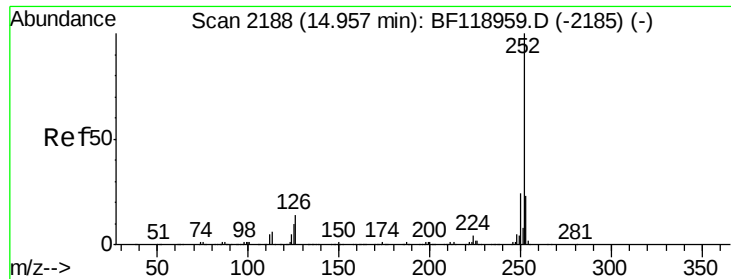


#88
Benzo(b)fluoranthene
Concen: 41.551 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion:252 Resp: 842352

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.0	7.4	11.0

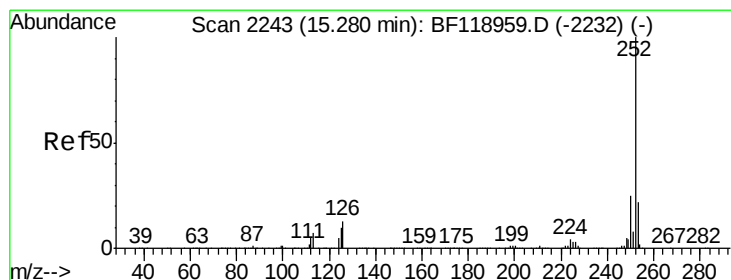
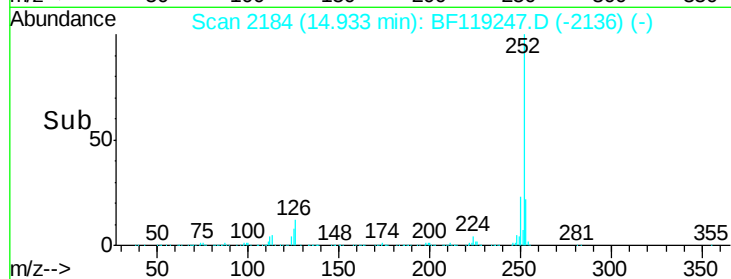
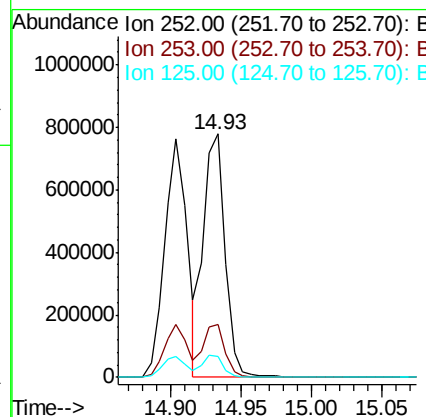
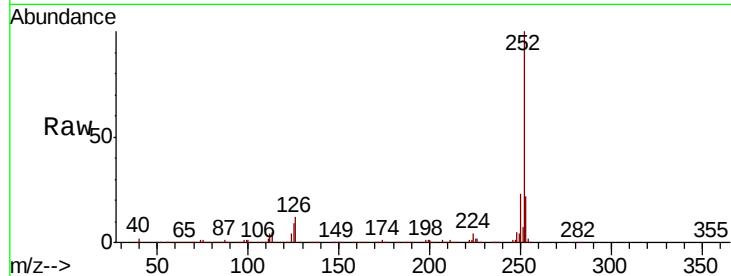




#89
Benzo(k)fluoranthene
Concen: 44.078 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

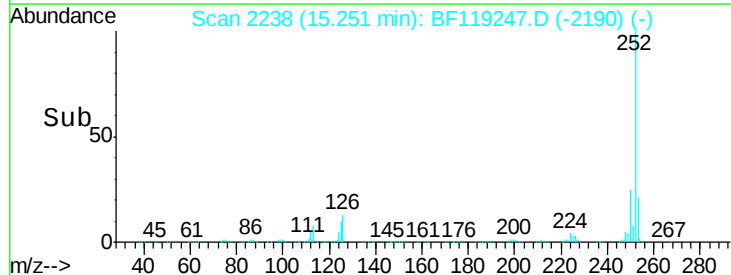
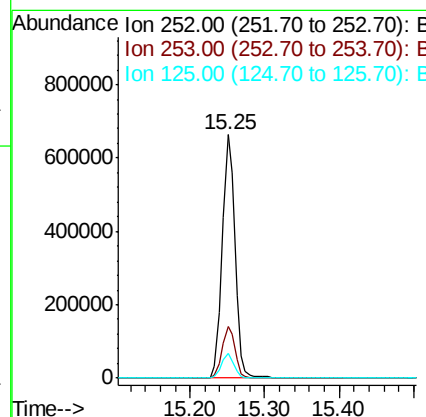
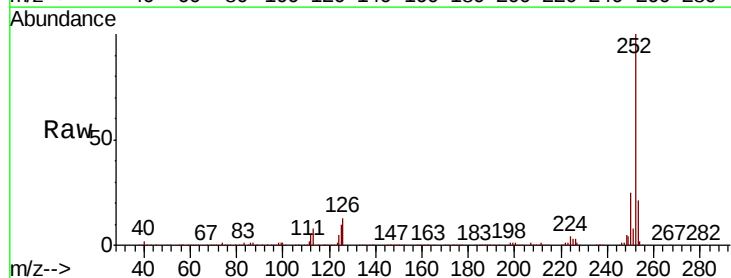
Instrument :
BNA_F
ClientSampleId :

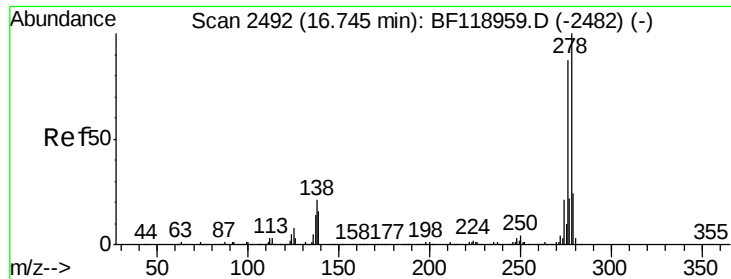
Tot Ion:252 Resp: 828111
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 42.609 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119247.D
Acq: 6 Mar 2020 9:13

Tgt Ion:252 Resp: 779604
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 10.1 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 50.144 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

Instrument :

BNA_F

ClientSampleId :

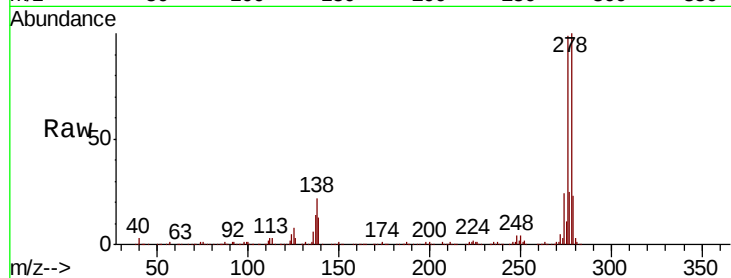
Tot Ion:278 Resp: 807275

Ion Ratio Lower Upper

278 100

139 13.2 11.0 16.4

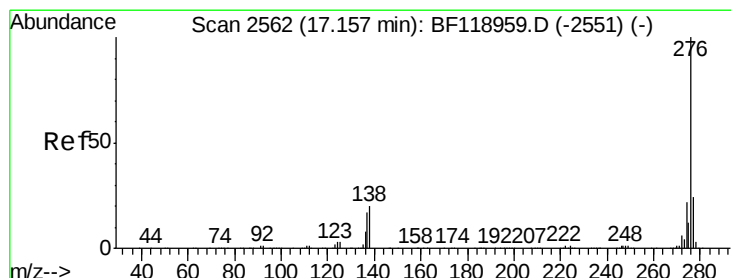
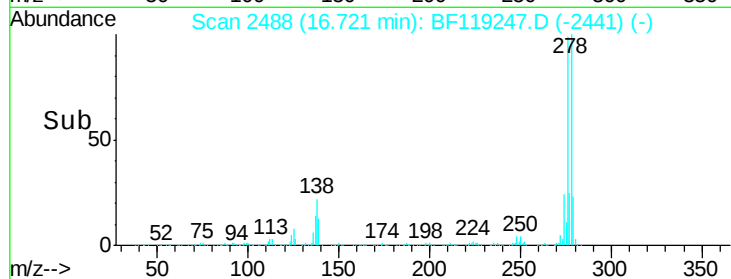
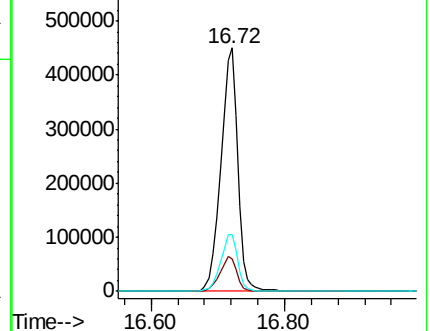
279 23.4 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.153 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119247.D

Acq: 6 Mar 2020 9:13

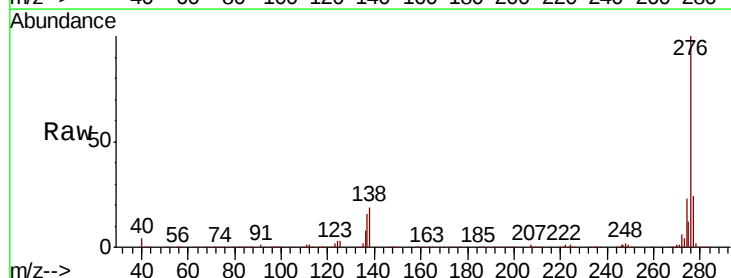
Tgt Ion:276 Resp: 781855

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 18.9 14.3 21.5



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

