

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119035.D
 Acq On : 24 Feb 2020 22:00
 Operator : CG/JU
 Sample : L1635-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:27:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	169097	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	637724	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	341471	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	598692	20.00	ng	0.00
76) Chrysene-d12	13.91	240	357928	20.00	ng	0.00
87) Perylene-d12	15.33	264	379291	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1077217	106.46	ng	0.01
7) Phenol-d6	6.40	99	1290139	104.84	ng	0.00
23) Nitrobenzene-d5	7.32	82	855299	70.81	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	443878	99.37	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1640538	70.78	ng	0.00
79) Terphenyl-d14	12.85	244	1662258	79.96	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	168491	37.400	ng	99
3) Pyridine	3.27	79	424154	34.474	ng	98
4) n-Nitrosodimethylamine	3.20	42	165780	44.480	ng	93
6) Aniline	6.42	93	165102	10.873	ng	# 1
8) 2-Chlorophenol	6.55	128	509606	46.668	ng	98
9) Benzaldehyde	6.30	77	212875	25.892	ng	99
10) Phenol	6.42	94	574088	43.149	ng	89
11) bis(2-Chloroethyl)ether	6.49	93	456211	44.814	ng	99
12) 1,3-Dichlorobenzene	6.70	146	551816	42.162	ng	100
13) 1,4-Dichlorobenzene	6.77	146	560693	42.811	ng	99
14) 1,2-Dichlorobenzene	6.93	146	517656	43.339	ng	99
15) Benzyl Alcohol	6.90	79	411732	46.294	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	375488	42.579	ng	85
17) 2-Methylphenol	7.02	107	395205	44.640	ng	94
18) Hexachloroethane	7.27	117	200353	42.759	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	325416	45.382	ng	98
20) 3+4-Methylphenols	7.17	107	490381	45.211	ng	# 79
22) Acetophenone	7.17	105	655707	44.439	ng	97
24) Nitrobenzene	7.34	77	503695	42.171	ng	98
25) Isophorone	7.58	82	910743	43.418	ng	100
26) 2-Nitrophenol	7.66	139	280933	44.392	ng	97
27) 2,4-Dimethylphenol	7.70	122	420835	48.997	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	560970	41.087	ng	98
29) 2,4-Dichlorophenol	7.90	162	429822	42.509	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	490383	40.905	ng	100
31) Naphthalene	8.06	128	1407515	42.557	ng	99
32) Benzoic acid	7.85	122	286015	45.967	ng	95
33) 4-Chloroaniline	8.11	127	67425	4.740	ng	98
34) Hexachlorobutadiene	8.18	225	298856	40.021	ng	98
35) Caprolactam	8.49	113	77804	24.990	ng	98
36) 4-Chloro-3-methylphenol	8.61	107	434645	42.475	ng	95
37) 2-Methylnaphthalene	8.75	142	966151	43.408	ng	99
38) 1-Methylnaphthalene	8.85	142	897441	42.874	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	482850	41.940	ng	99

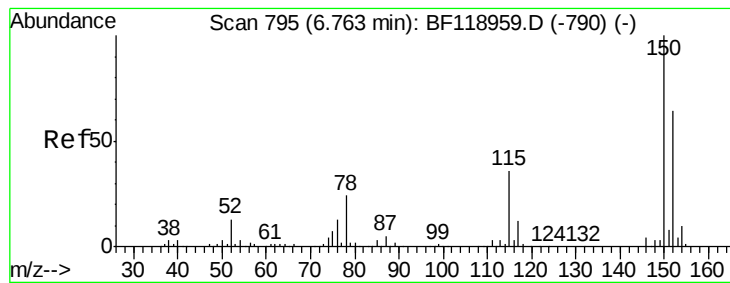
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	316534	76.057	nq	95
43) 2,4,6-Trichlorophenol	9.03	196	315879	43.447	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	329221	43.153	nq	95
46) 1,1'-Biphenyl	9.22	154	1147976	41.597	nq	99
47) 2-Chloronaphthalene	9.24	162	904173	40.656	nq	98
48) 2-Nitroaniline	9.33	65	239538	38.616	nq	98
49) Acenaphthylene	9.65	152	1397042	43.493	nq	99
50) Dimethylphthalate	9.52	163	1223671	46.863	nq	99
51) 2,6-Dinitrotoluene	9.58	165	246374	42.469	nq	96
52) Acenaphthene	9.82	154	813169	41.985	nq	99
53) 3-Nitroaniline	9.75	138	70411	10.948	nq	99
54) 2,4-Dinitrophenol	9.86	184	221873	78.814	nq	# 90
55) Dibenzofuran	10.00	168	1227641	42.466	nq	99
56) 4-Nitrophenol	9.93	139	319898	82.787	nq	94
57) 2,4-Dinitrotoluene	9.99	165	313761	41.726	nq	93
58) Fluorene	10.34	166	952169	42.387	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	274773	42.683	nq	99
60) Diethylphthalate	10.22	149	1042720	42.375	nq	100
61) 4-Chlorophenyl-phenylether	10.33	204	502777	42.284	nq	98
62) 4-Nitroaniline	10.36	138	210064	31.925	nq	99
63) Azobenzene	10.49	77	918415	42.939	nq	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	175029	48.314	nq	91
66) n-Nitrosodiphenylamine	10.45	169	863635	44.055	nq	100
67) 4-Bromophenyl-phenylether	10.82	248	333978	42.677	nq	97
68) Hexachlorobenzene	10.89	284	375469	41.614	nq	99
69) Atrazine	10.98	200	296788	43.332	nq	99
70) Pentachlorophenol	11.09	266	342841	94.329	nq	99
71) Phenanthrene	11.30	178	1382126	42.332	nq	99
72) Anthracene	11.35	178	1416339	43.416	nq	100
73) Carbazole	11.50	167	1186327	40.820	nq	100
74) Di-n-butylphthalate	11.83	149	1494141	42.453	nq	99
75) Fluoranthene	12.49	202	1352117	39.015	nq	99
77) Benzidine	12.60	184	328651	22.577	nq	98
78) Pyrene	12.71	202	1319801	45.920	nq	100
80) Butylbenzylphthalate	13.33	149	570791	47.187	nq	93
81) Benzo(a)anthracene	13.90	228	1046057	42.892	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	189837	20.046	nq	99
83) Chrysene	13.93	228	1028681	42.332	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	756894	49.528	nq	100
85) Di-n-octyl phthalate	14.50	149	1195543	49.101	nq	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1239807	52.691	nq	98
88) Benzo(b)fluoranthene	14.93	252	1004905	40.195	nq	99
89) Benzo(k)fluoranthene	14.96	252	1019785	44.016	nq	100
90) Benzo(a)pyrene	15.28	252	934724	41.426	nq	100
91) Dibenzo(a,h)anthracene	16.76	278	1027298	51.744	nq	98
92) Benzo(g,h,i)perylene	17.17	276	1069280	54.510	nq	98

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

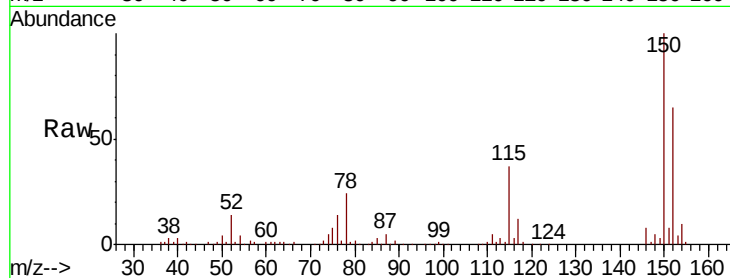


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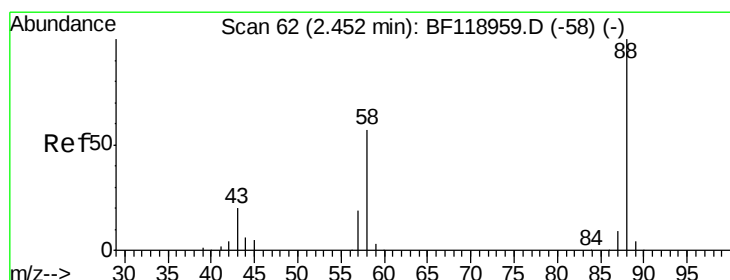
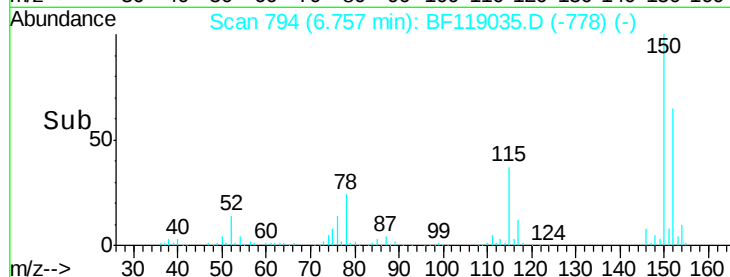
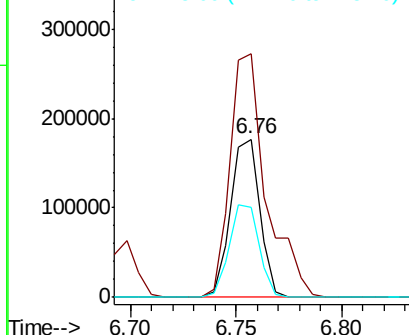
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.3	186.5
115	56.8	44.6	67.0



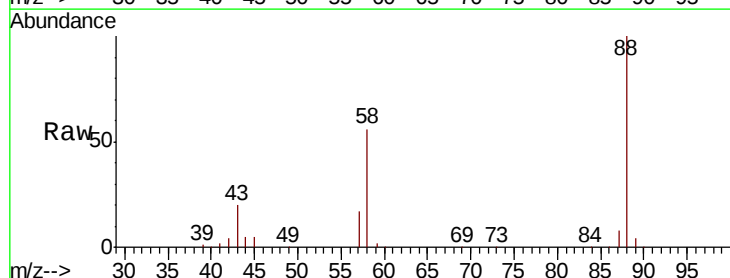
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



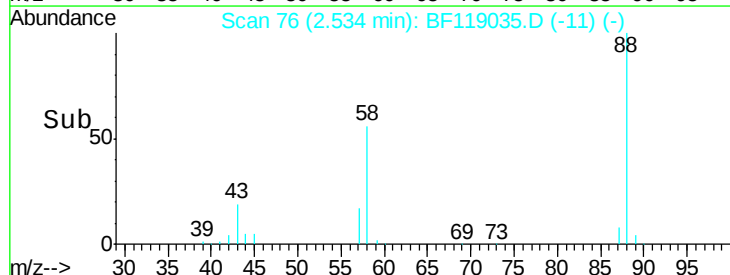
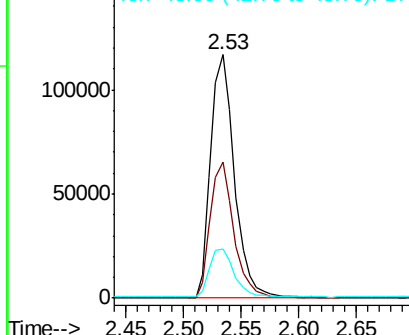
#2

1,4-Dioxane
Concen: 37.400 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.08 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.4	44.6	66.8
43	20.4	16.0	24.0



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

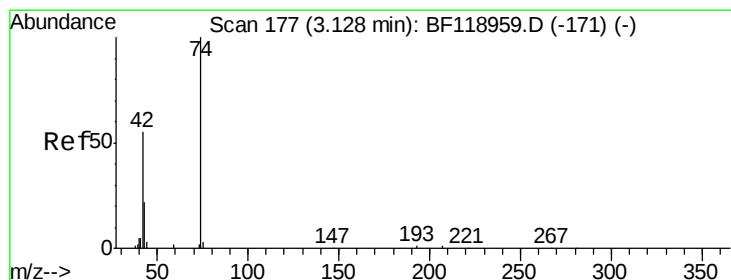
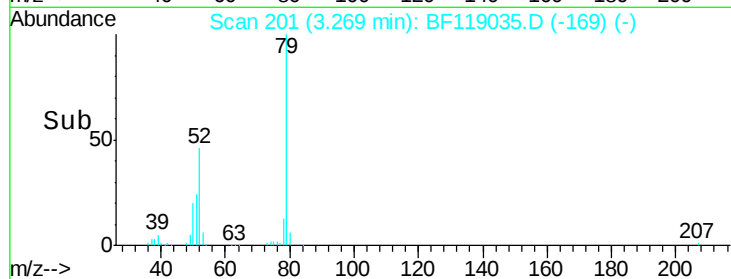
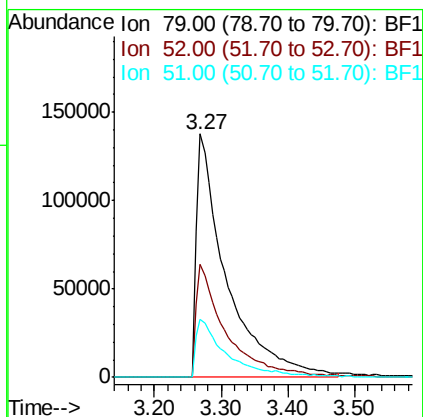
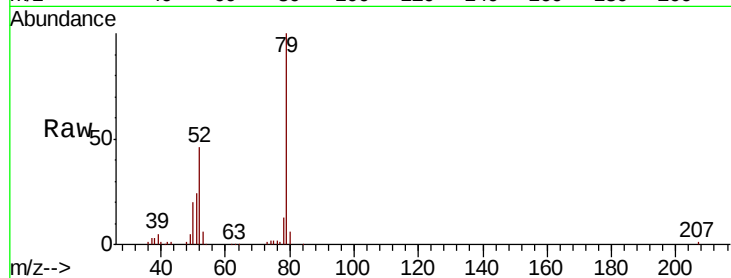




#3
 Pvridine
 Concen: 34.474 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.09 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

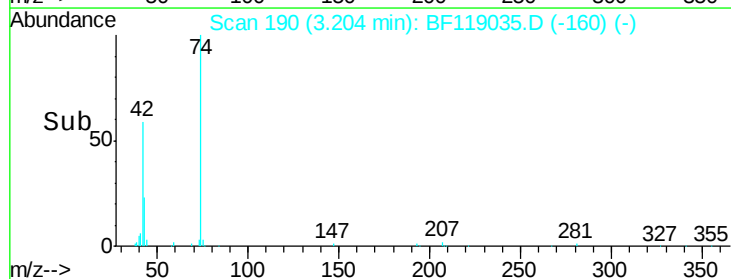
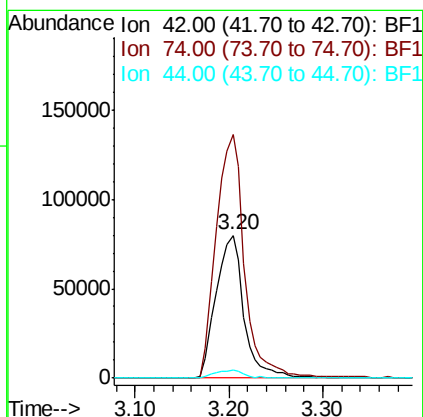
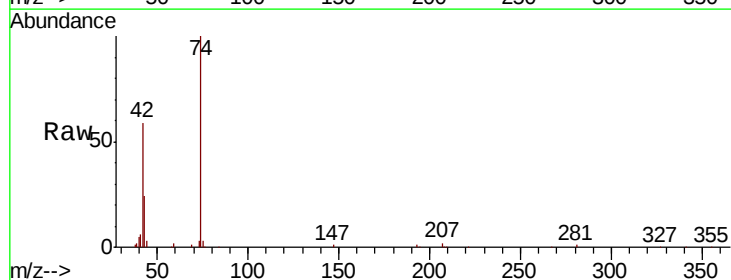
Instrument :
 BNA_F
 ClientSampleId :

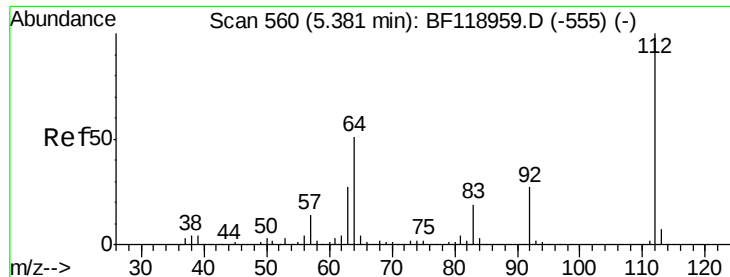
Tot Ion	Ratio	Lower	Upper
79	100		
52	46.4	36.3	54.5
51	23.6	19.5	29.3



#4
 n-Nitrosodimethylamine
 Concen: 44.480 ng
 RT: 3.20 min Scan# 190
 Delta R.T. 0.08 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.1	144.4	216.6
44	5.6	4.5	6.7





#5

2-Fluorophenol

Concen: 106.461 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampled :

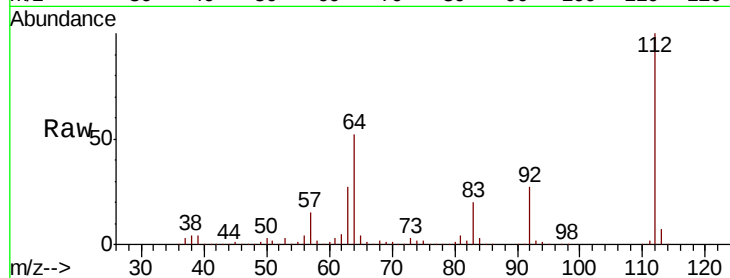
Tot Ion:112 Resp: 1077217

Ion Ratio Lower Upper

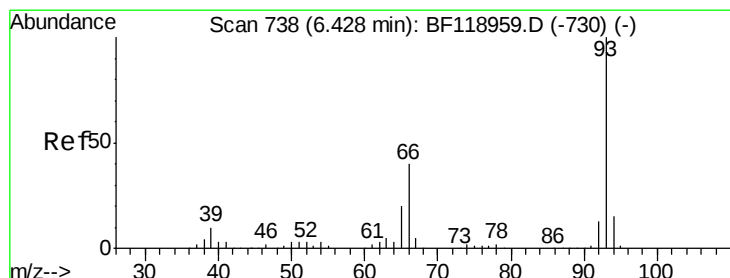
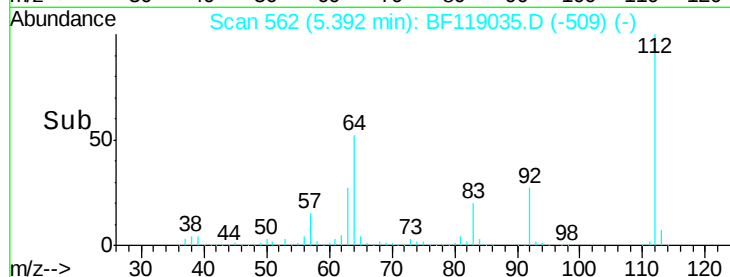
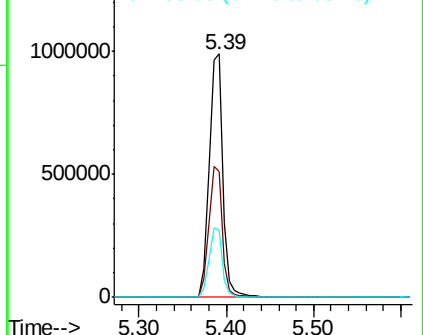
112 100

64 51.9 40.4 60.6

63 27.3 21.3 31.9



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: 10.873 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

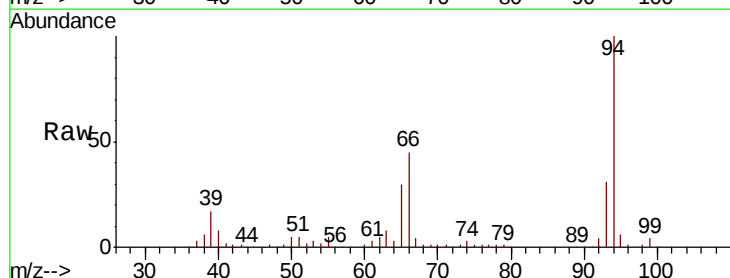
Tgt Ion: 93 Resp: 165102

Ion Ratio Lower Upper

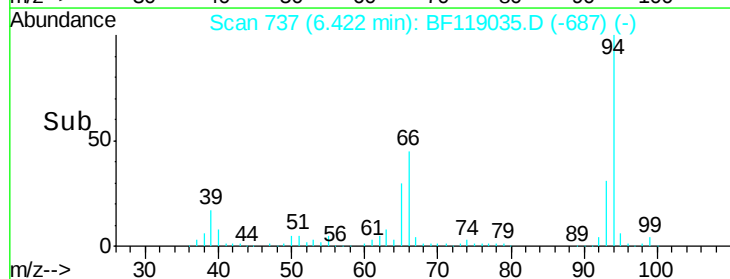
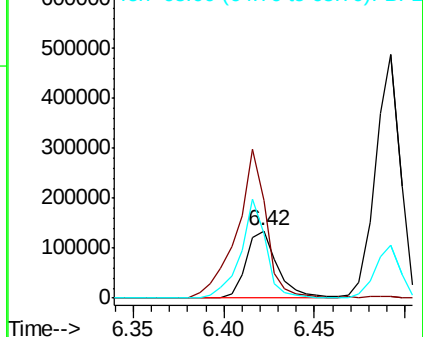
93 100

66 144.4 32.2 48.2#

65 94.7 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.839 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampled :

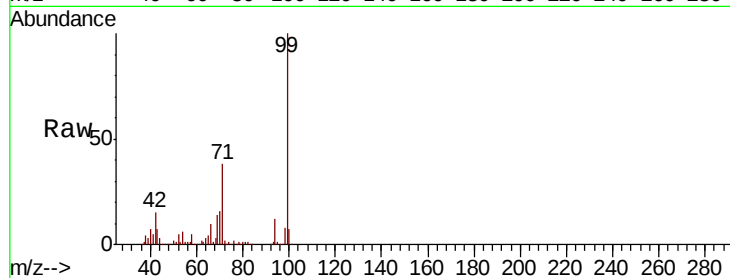
Tot Ion: 99 Resp: 1290139

Ion Ratio Lower Upper

99 100

42 15.3 11.4 17.0

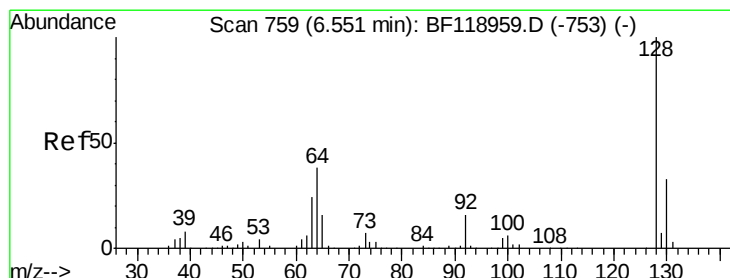
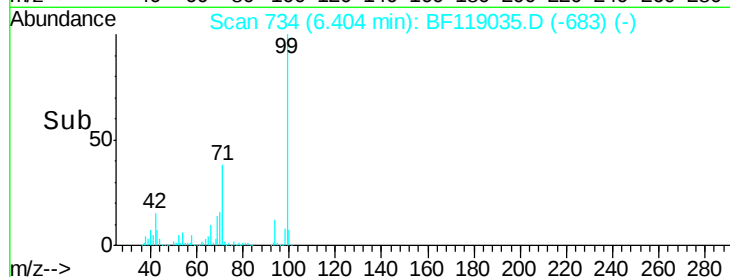
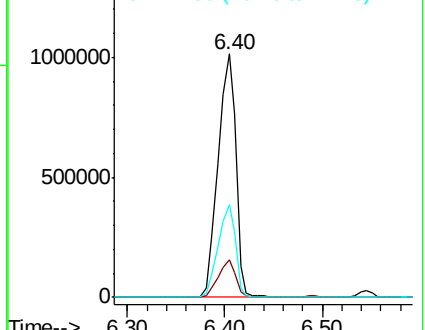
71 38.2 29.8 44.6



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: 46.668 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

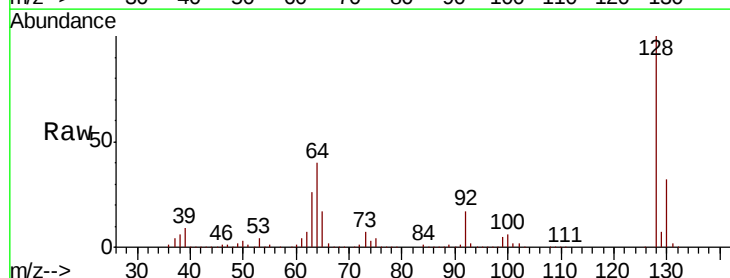
Tgt Ion: 128 Resp: 509606

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

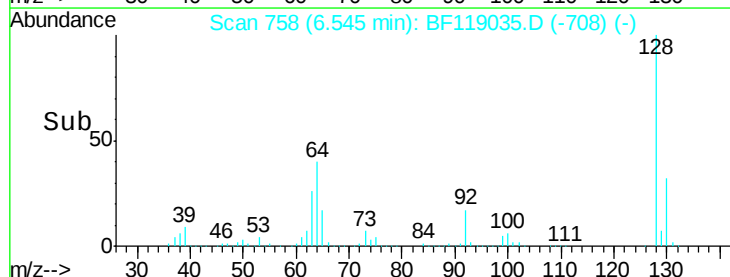
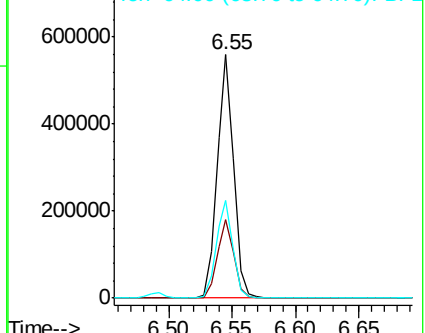
64 40.3 18.7 58.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.892 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

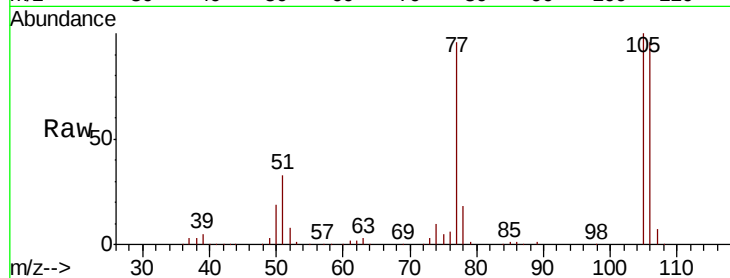
Tot Ion: 77 Resp: 212875

Ion Ratio Lower Upper

77 100

105 104.2 83.0 123.0

106 100.1 78.3 118.3



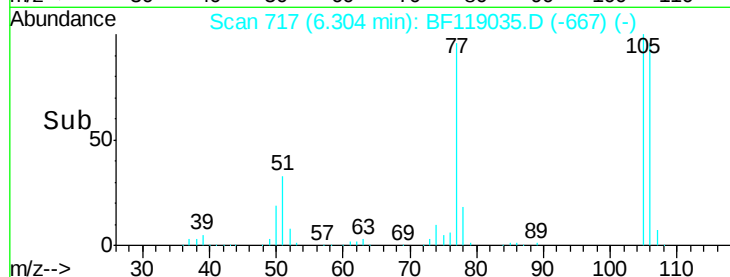
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

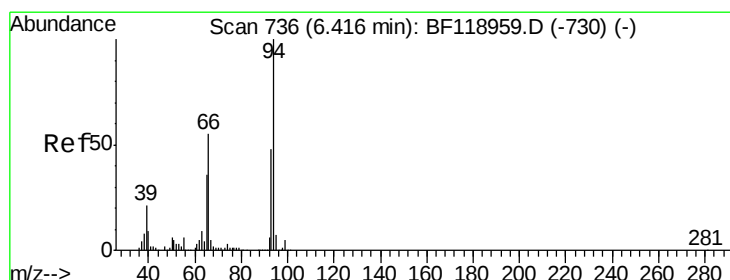
6.30

Time-->



6.30

Time-->



#10

Phenol

Concen: 43.149 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

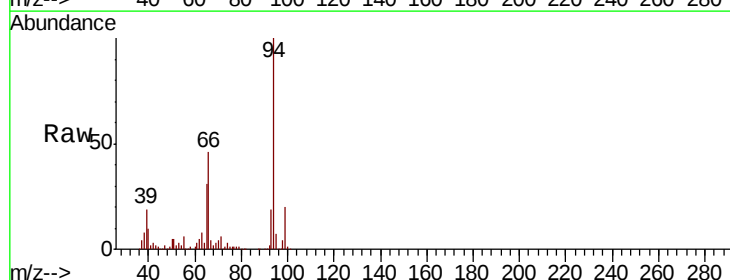
Tgt Ion: 94 Resp: 574088

Ion Ratio Lower Upper

94 100

65 30.6 15.5 55.5

66 46.0 35.6 75.6



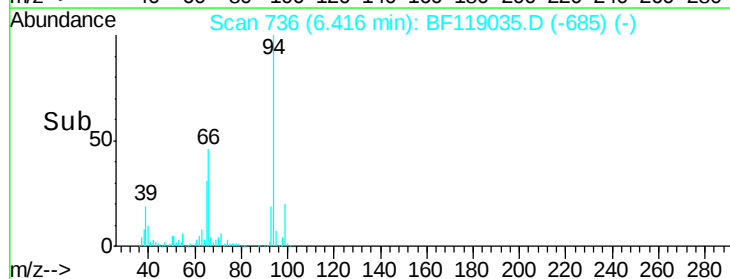
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

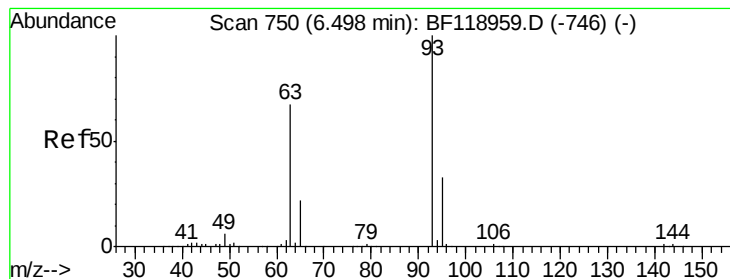
6.42

Time-->



6.42

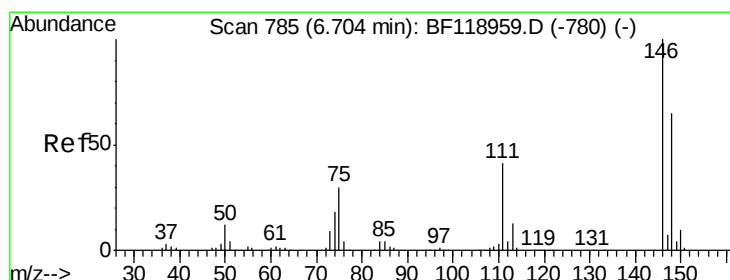
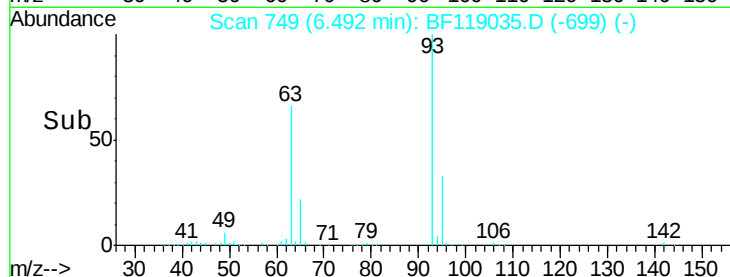
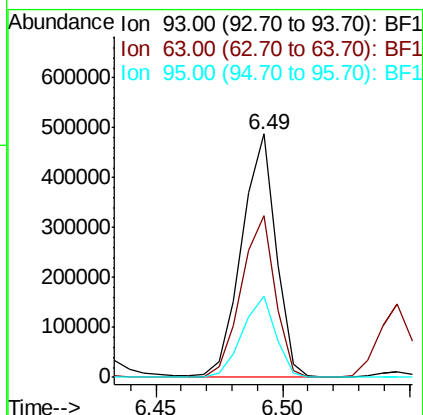
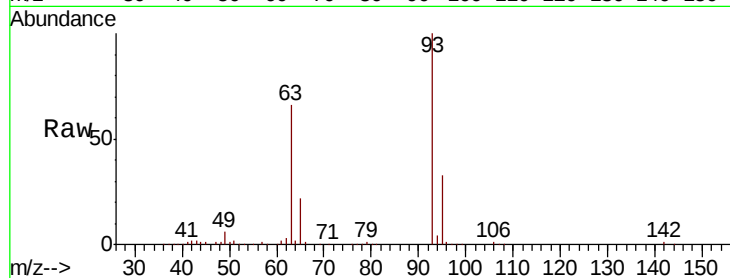
Time-->



#11
 bis(2-Chloroethyl)ether
 Concen: 44.814 ng
 RT: 6.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

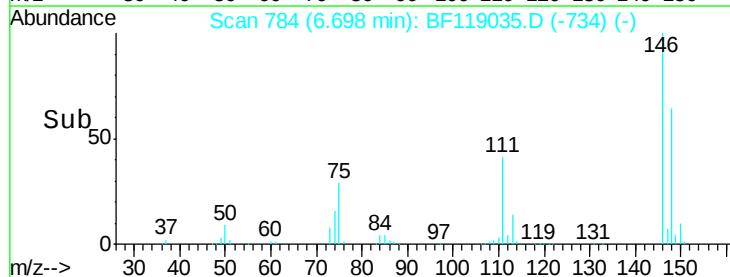
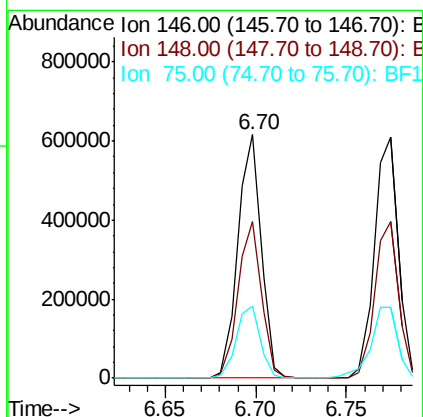
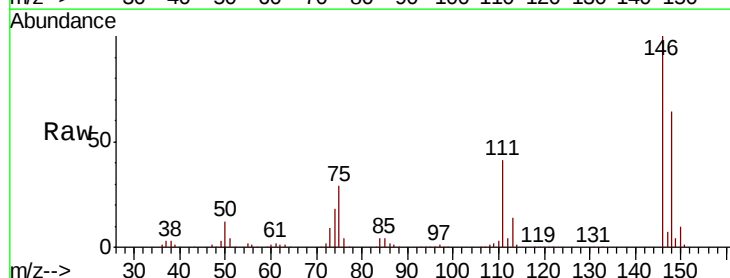
Instrument :
 BNA_F
 ClientSampleId :

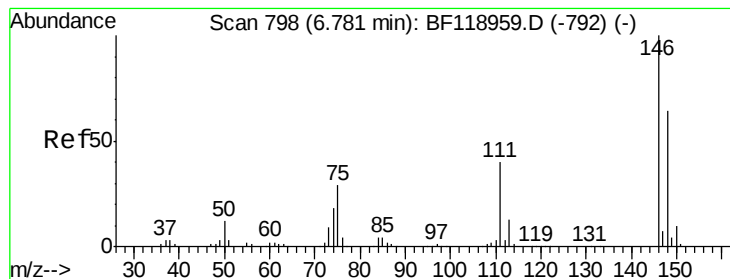
Tot Ion: 93 Resp: 456211
 Ion Ratio Lower Upper
 93 100
 63 66.3 46.8 86.8
 95 33.3 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 42.162 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion: 146 Resp: 551816
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.7 77.5
 75 29.4 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 42.811 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

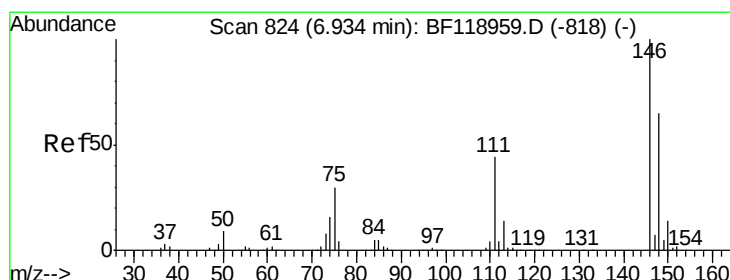
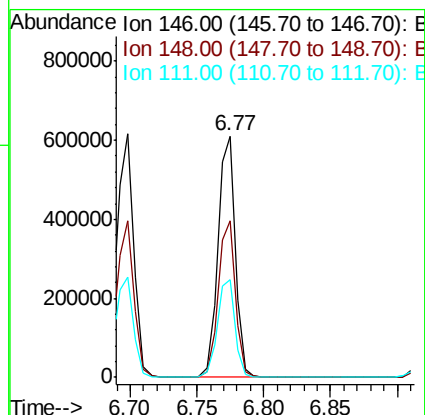
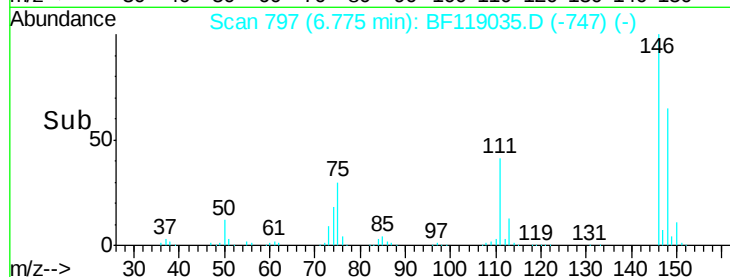
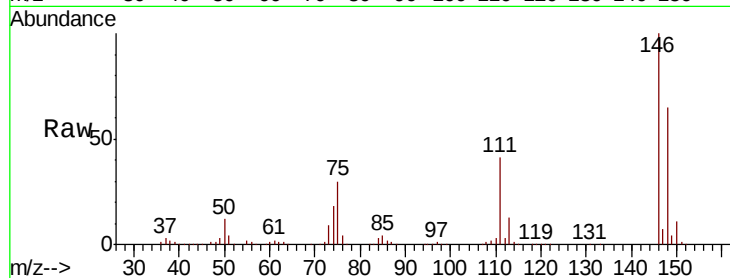
Tot Ion:146 Resp: 560693

Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.2

111 40.7 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 43.339 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

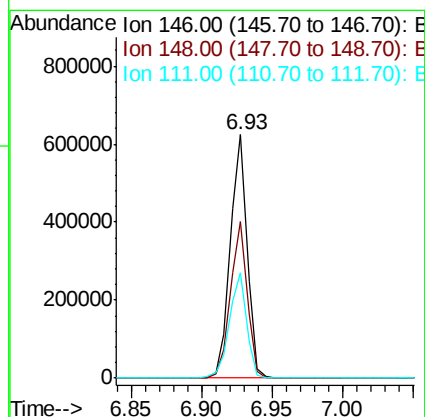
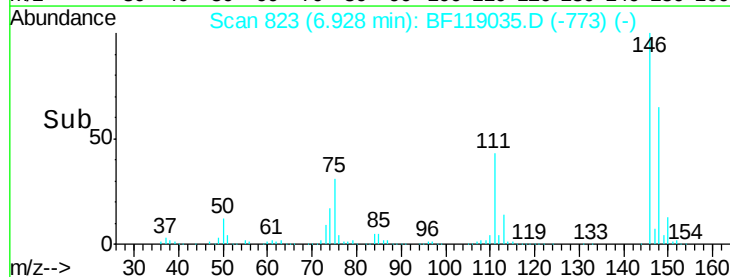
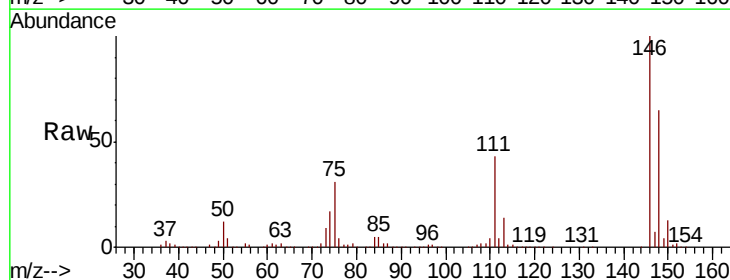
Tgt Ion:146 Resp: 517656

Ion Ratio Lower Upper

146 100

148 64.5 52.1 78.1

111 43.4 35.5 53.3

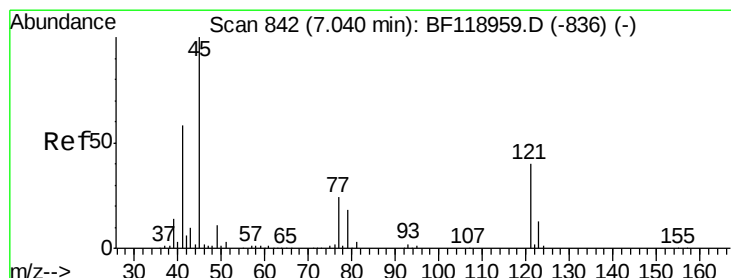
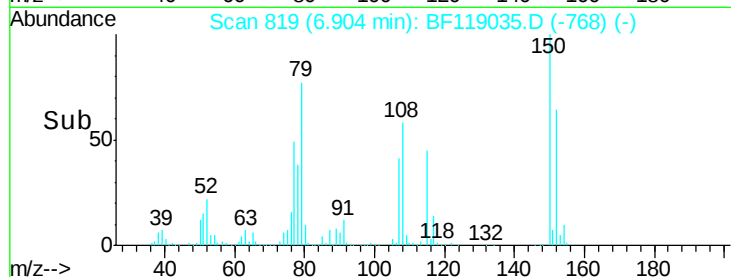
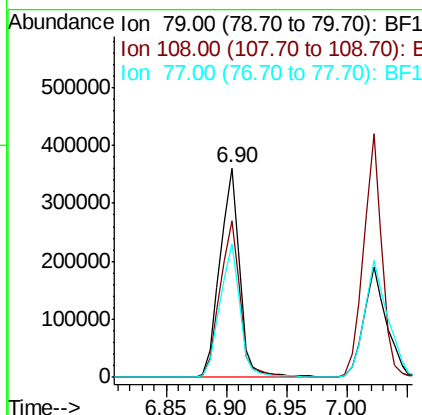
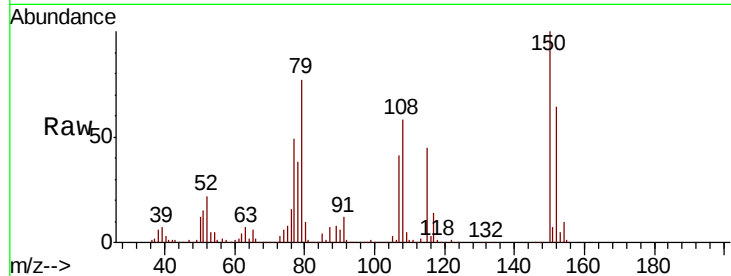




#15
Benzyl Alcohol
Concen: 46.294 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

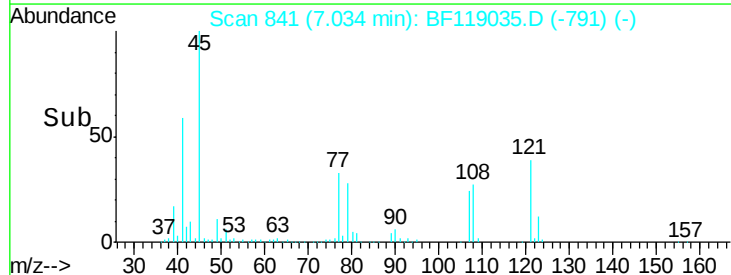
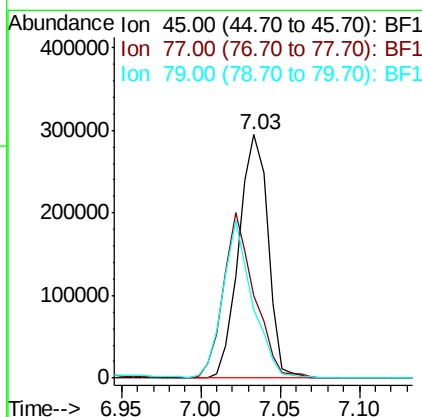
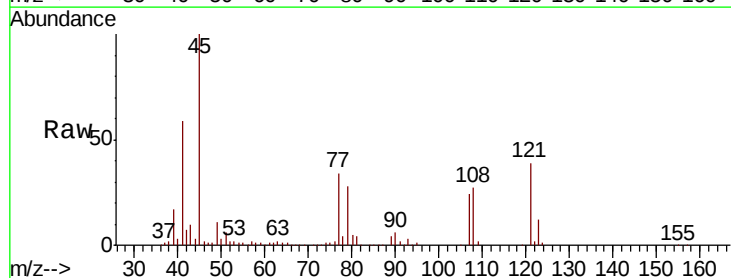
Instrument :
BNA_F
ClientSampleId :

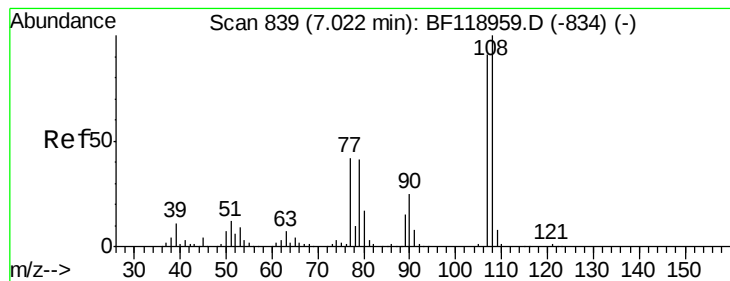
Tot Ion: 79 Resp: 411732
Ion Ratio Lower Upper
79 100
108 74.9 61.1 91.7
77 63.7 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.579 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion: 45 Resp: 375488
Ion Ratio Lower Upper
45 100
77 33.6 6.1 46.1
79 27.9 0.5 40.5

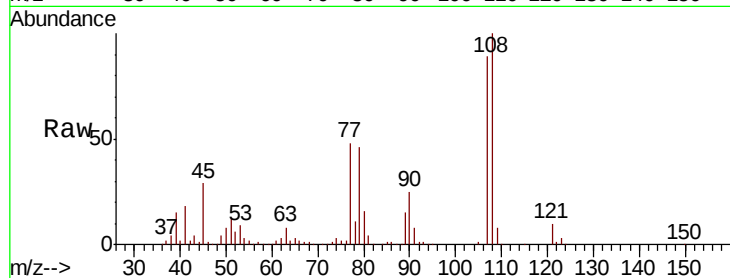




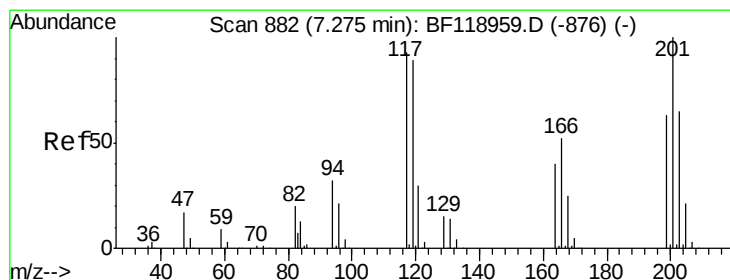
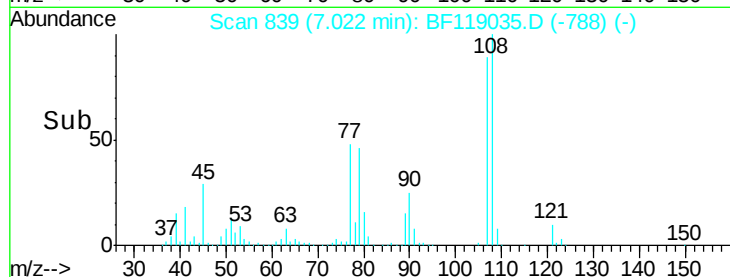
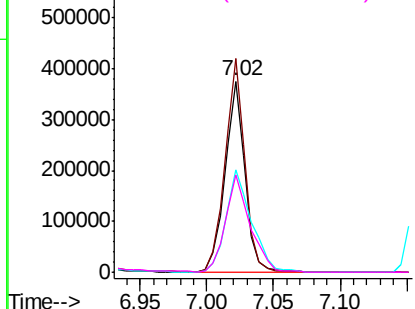
#17
2-Methylphenol
Concen: 44.640 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 395205
Ion Ratio Lower Upper
107 100
108 111.9 87.7 131.5
77 53.6 36.8 55.2
79 51.0 36.4 54.6

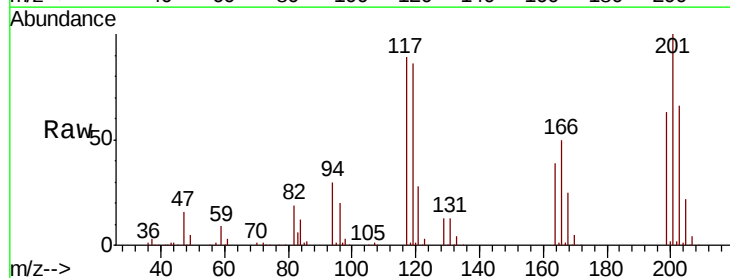


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

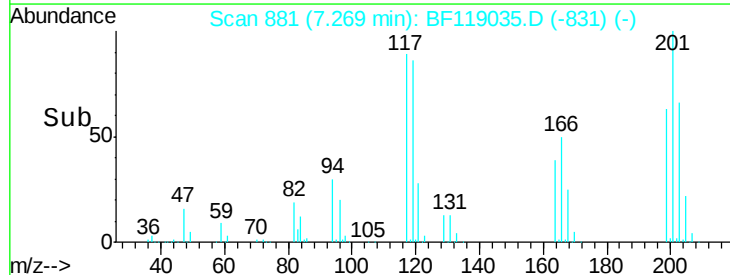
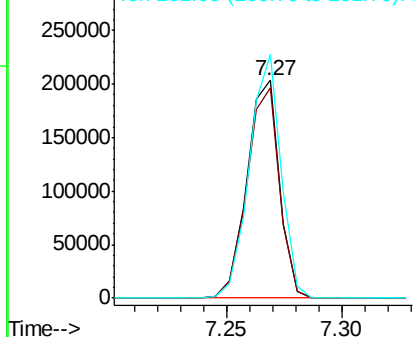


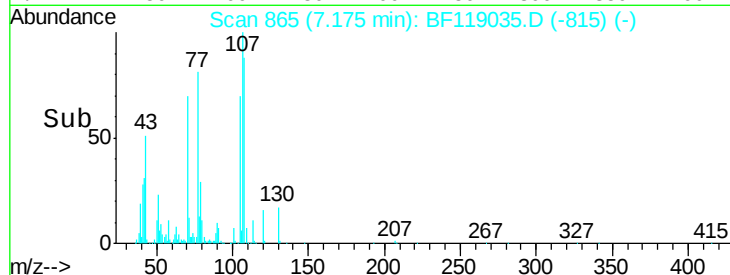
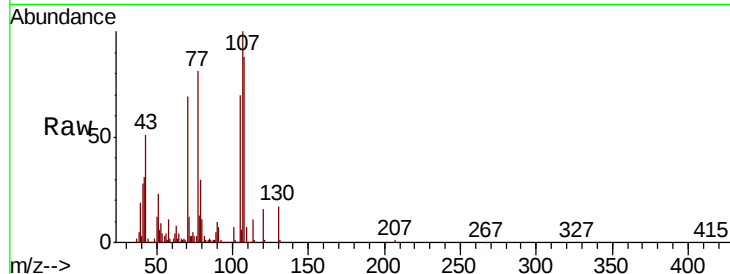
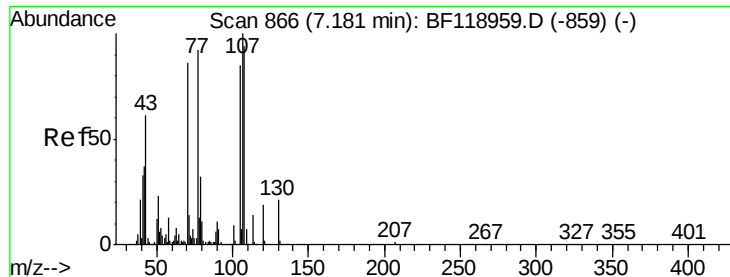
#18
Hexachloroethane
Concen: 42.759 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:117 Resp: 200353
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.6
201 111.9 86.4 129.6



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

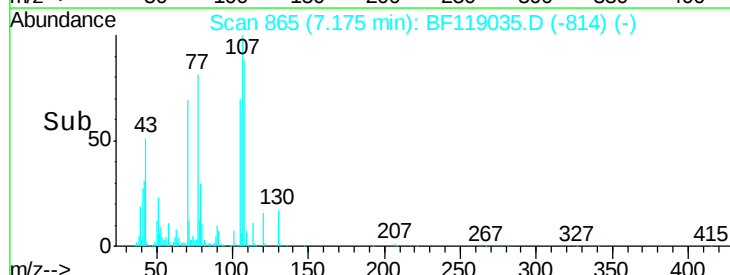
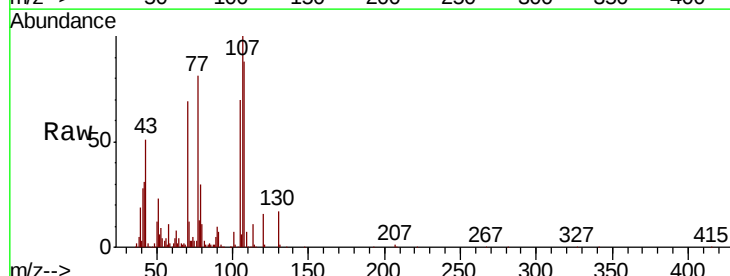
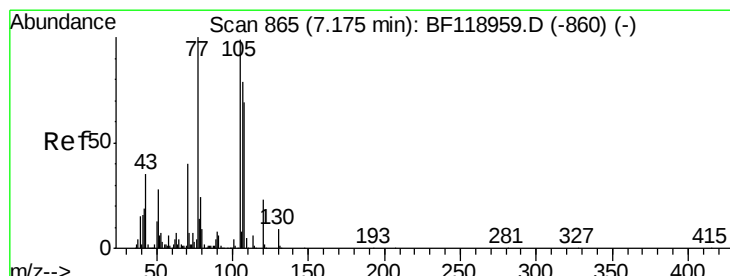
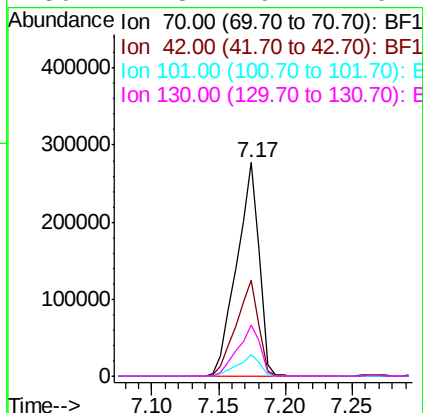




#19
n-Nitroso-di-n-propylamine
Concen: 45.382 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

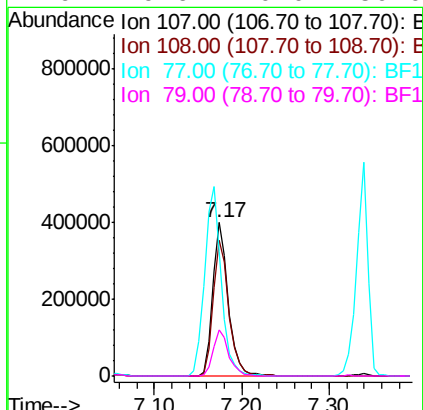
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	325416
Ion	Ratio	Lower	Upper
70	100		
42	44.9	34.6	51.8
101	10.2	8.1	12.1
130	24.3	19.4	29.2



#20
3+4-Methylphenols
Concen: 45.211 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:	107	Resp:	490381
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.0	107.0
77	81.3	106.2	146.2#
79	29.6	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 637724

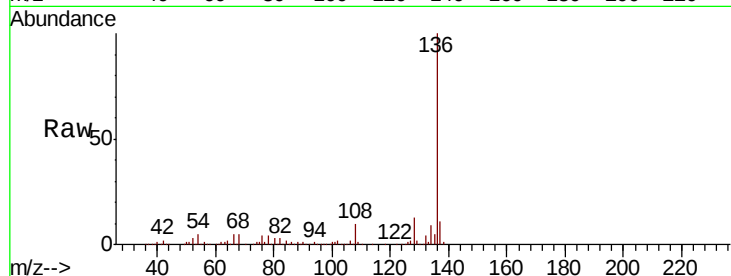
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.7 3.8 5.6

68 5.0 4.2 6.2

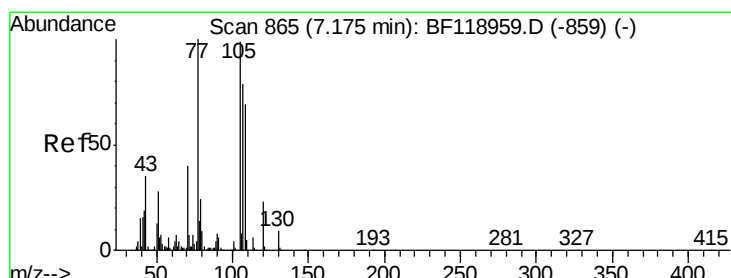
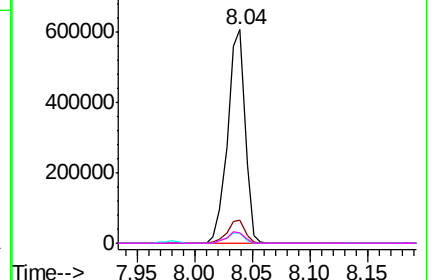
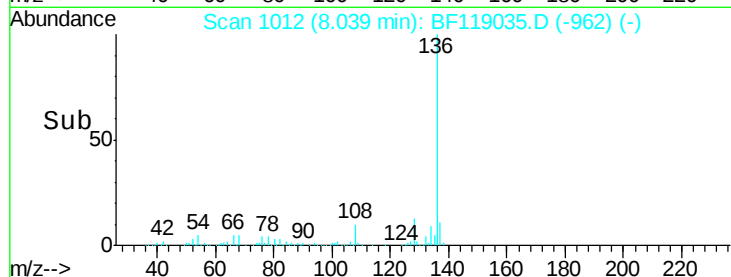


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.439 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:105 Resp: 655707

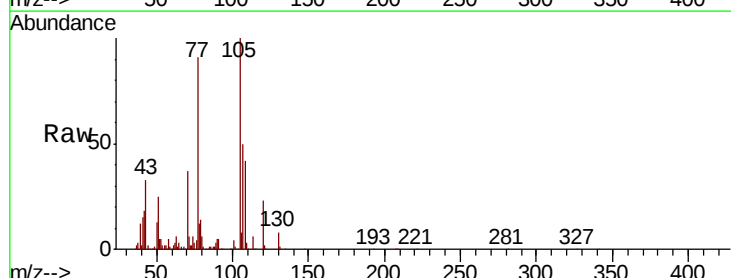
Ion Ratio Lower Upper

105 100

71 6.1 5.4 8.0

51 25.1 22.5 33.7

120 22.7 18.4 27.6

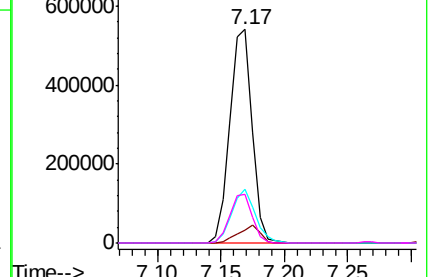
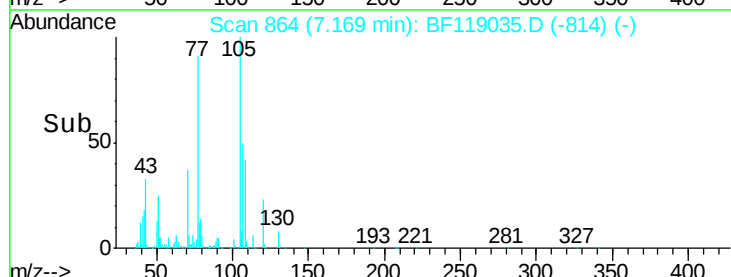


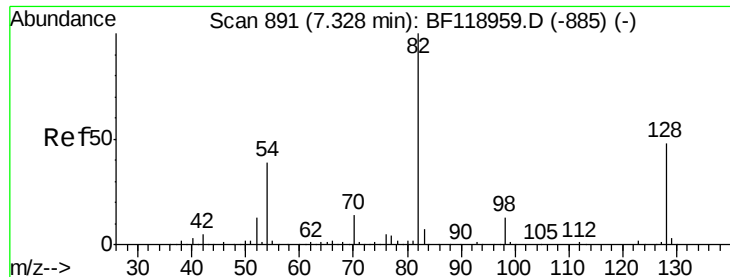
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

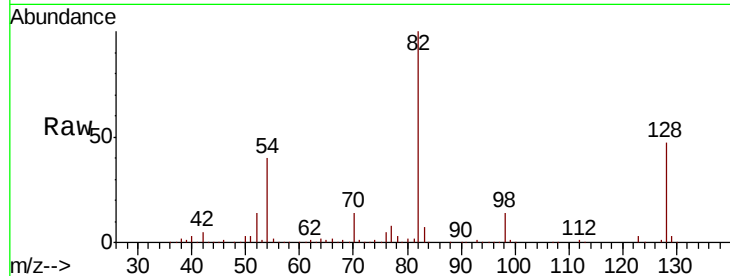




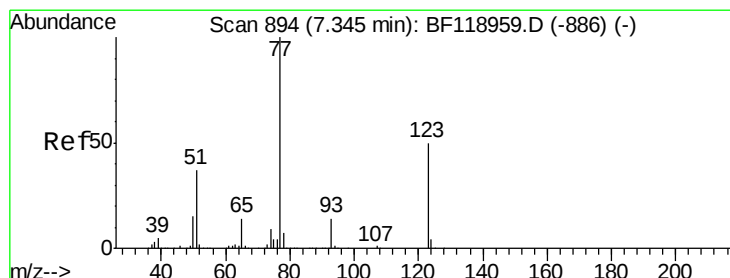
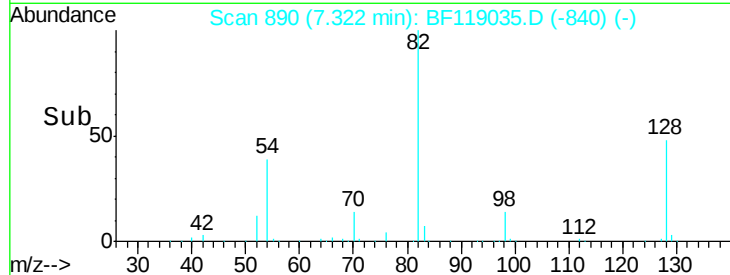
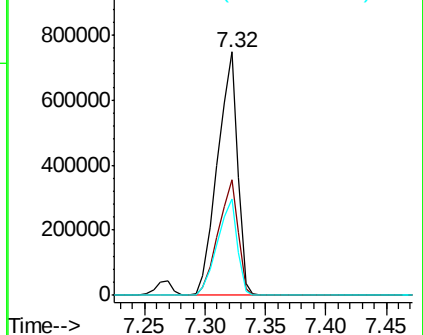
#23
Nitrobenzene-d5
Concen: 70.814 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	855299
Ion Ratio	Lower	Upper	
82	100		
128	47.5	38.2	57.2
54	39.5	31.3	46.9

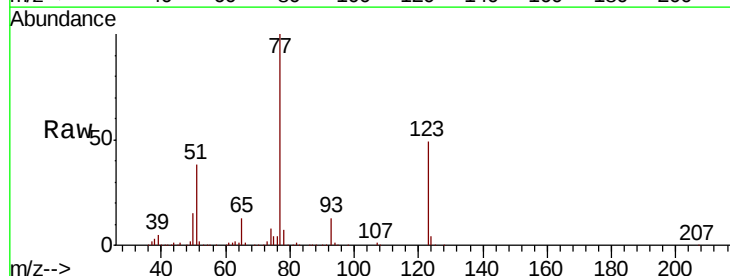


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

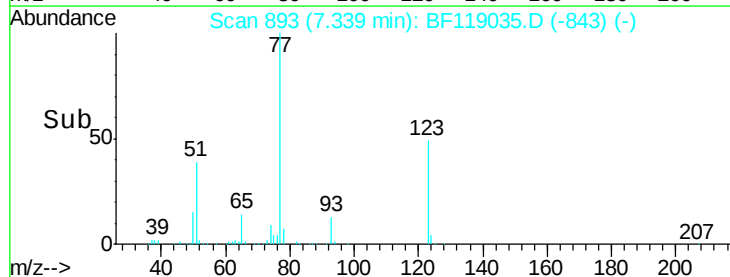
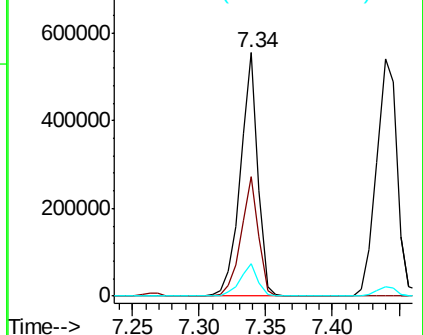


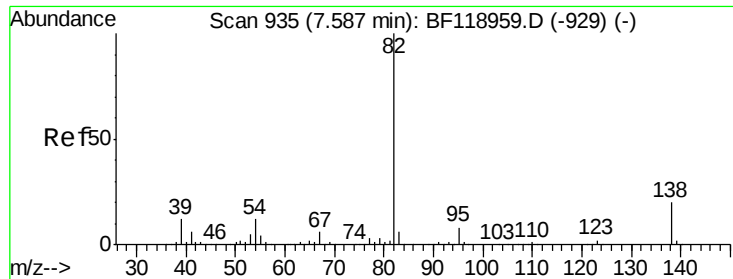
#24
Nitrobenzene
Concen: 42.171 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	77	Resp	503695
Ion Ratio	Lower	Upper	
77	100		
123	49.0	40.1	60.1
65	13.1	10.9	16.3



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

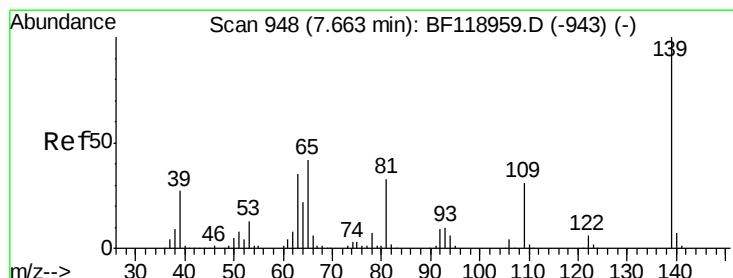
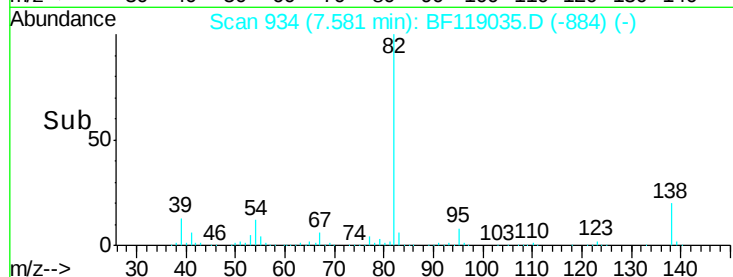
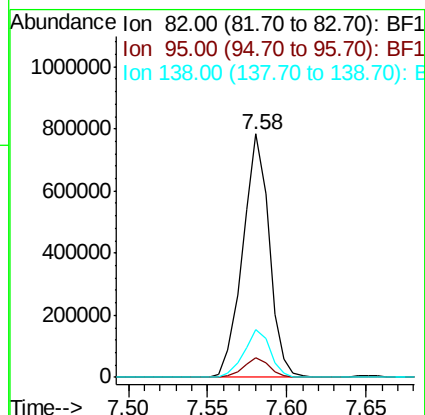
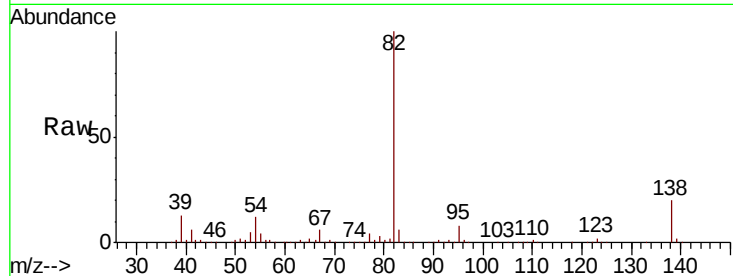




#25
Isophorone
Concen: 43.418 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

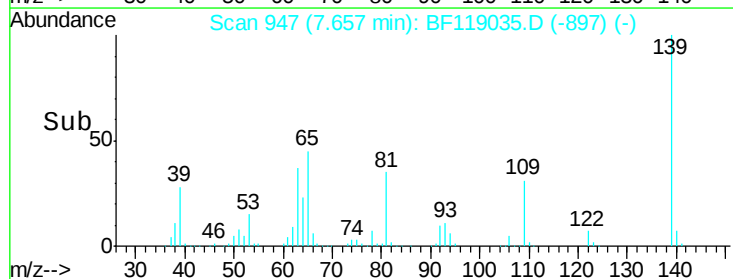
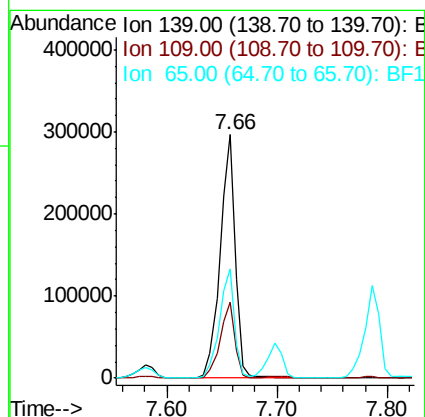
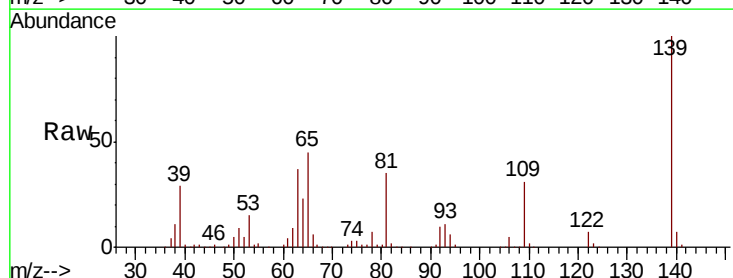
Instrument :
BNA_F
ClientSampleId :

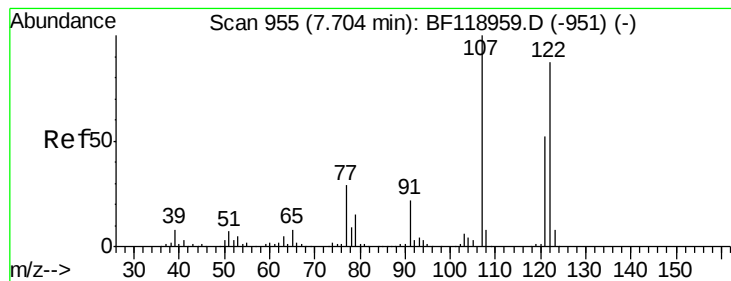
Tot Ion: 82 Resp: 910743
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 19.7 15.8 23.6



#26
2-Nitrophenol
Concen: 44.392 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion: 139 Resp: 280933
Ion Ratio Lower Upper
139 100
109 31.2 24.6 36.8
65 45.0 33.6 50.4

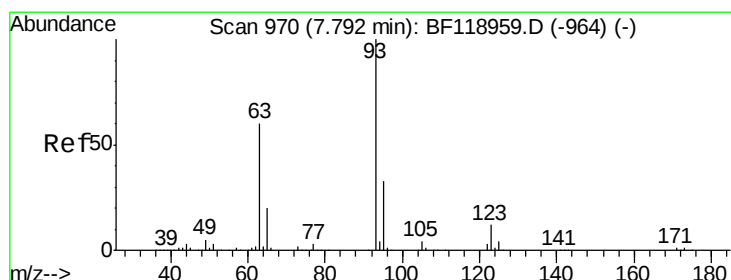
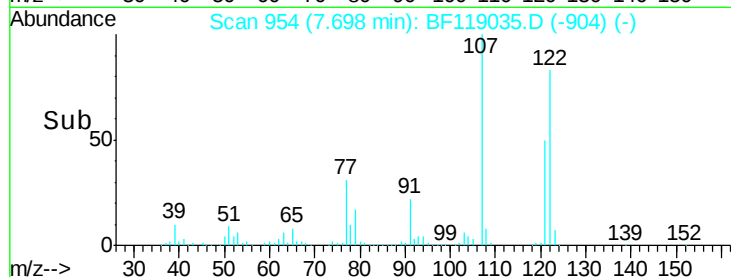
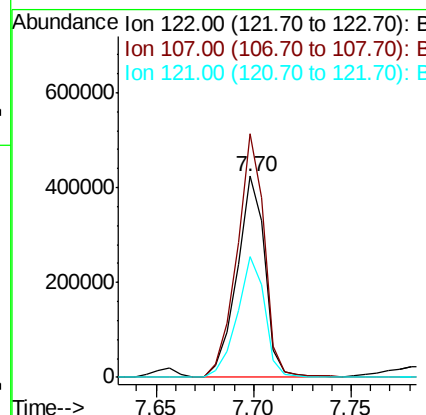
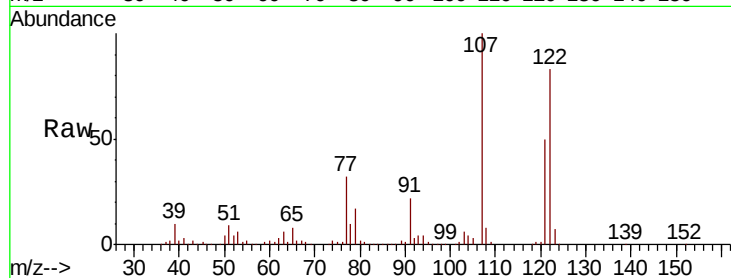




#27
 2,4-Dimethylphenol
 Concen: 48.997 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

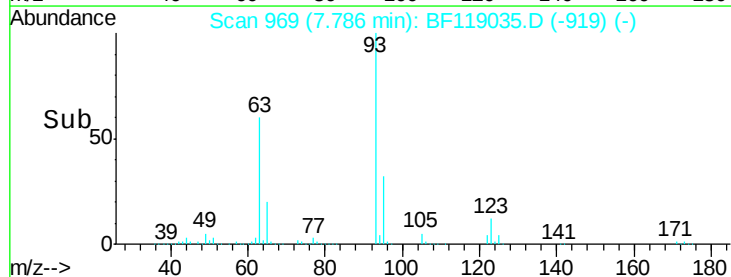
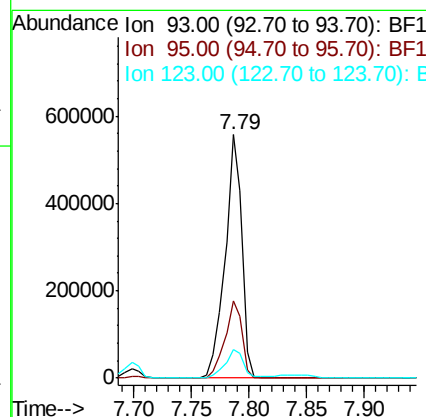
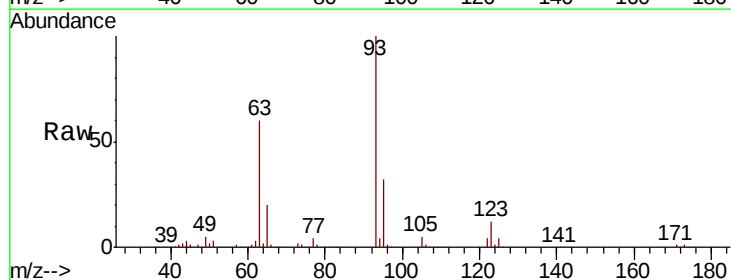
Instrument :
 BNA_F
 ClientSampleId :

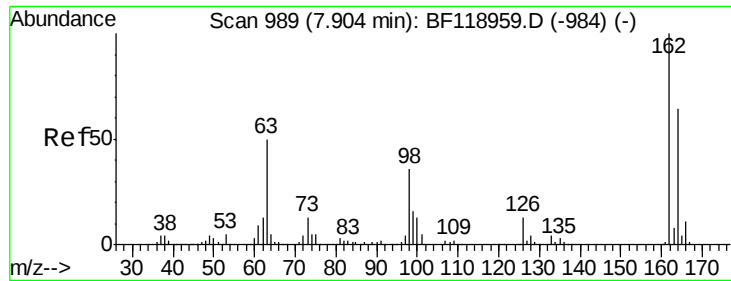
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	91.8	137.8
121	60.0	47.4	71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.087 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	11.9	9.8	14.8

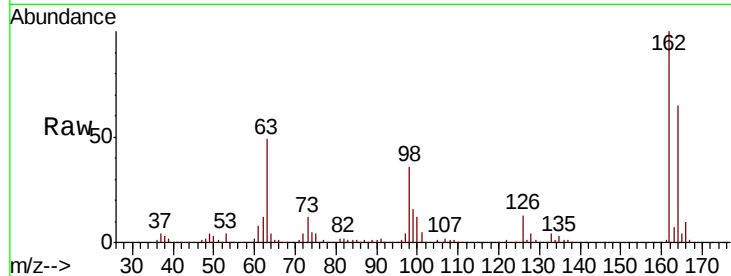




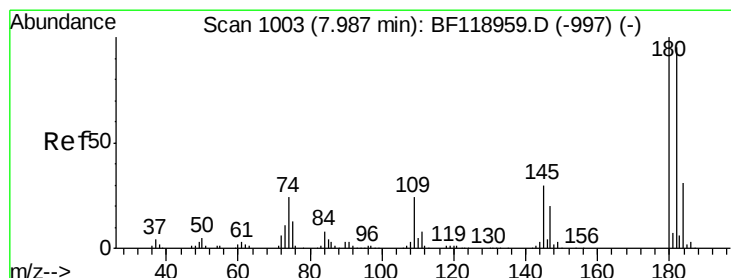
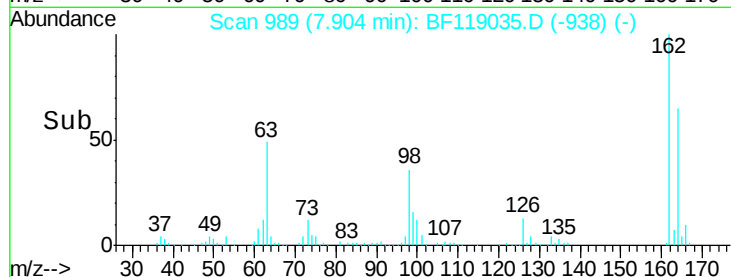
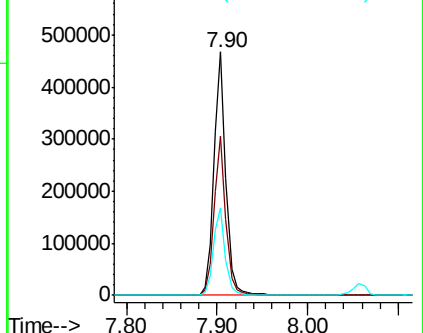
#29
 2,4-Dichlorophenol
 Concen: 42.509 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.1	84.1
98	35.7	16.4	56.4

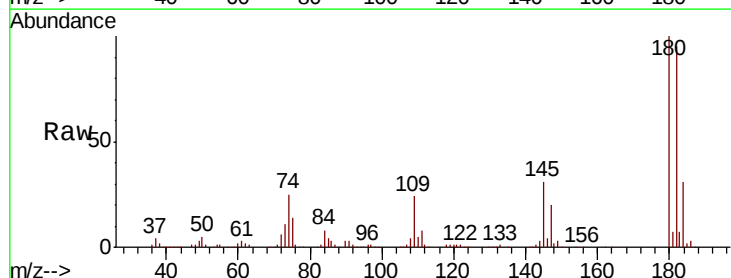


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

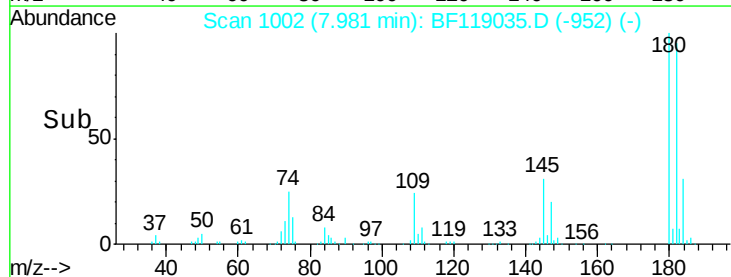
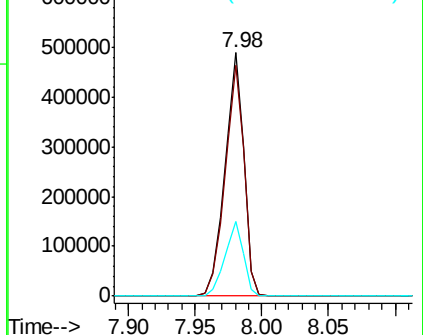


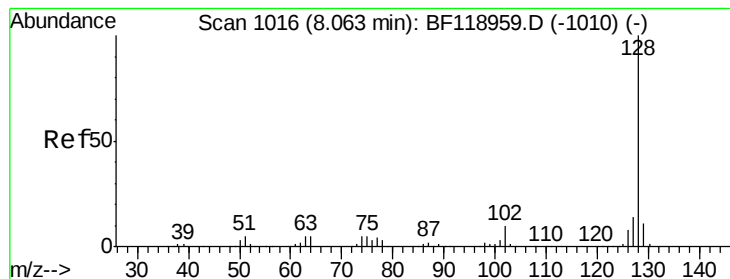
#30
 1,2,4-Trichlorobenzene
 Concen: 40.905 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	30.6	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.557 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

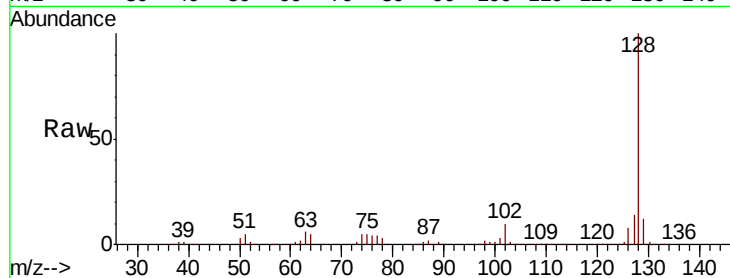
Tot Ion:128 Resp: 1407515

Ion Ratio Lower Upper

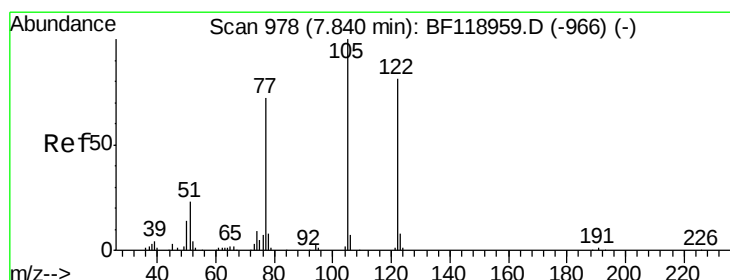
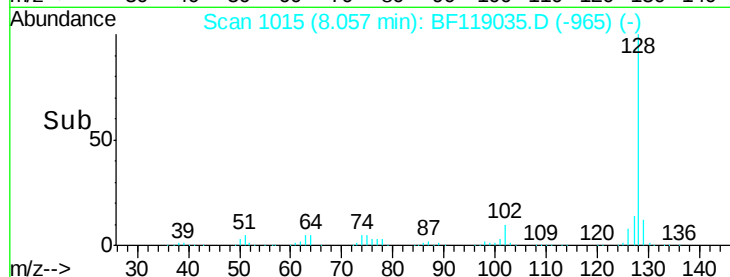
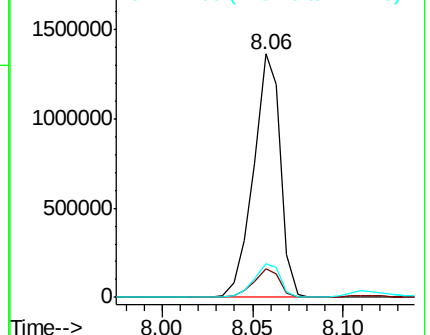
128 100

129 11.6 9.0 13.4

127 14.0 10.9 16.3



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



#32

Benzoic acid

Concen: 45.967 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

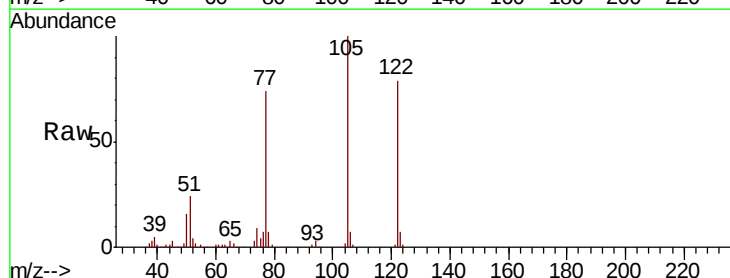
Tgt Ion:122 Resp: 286015

Ion Ratio Lower Upper

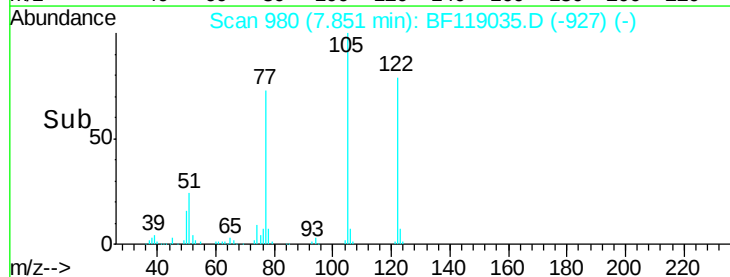
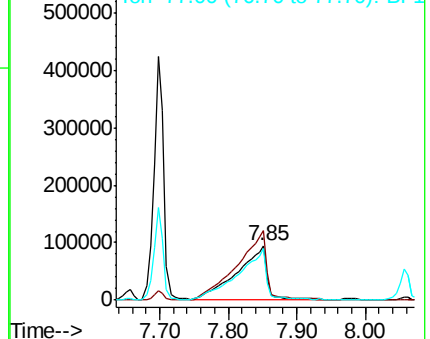
122 100

105 127.3 102.2 142.2

77 93.8 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

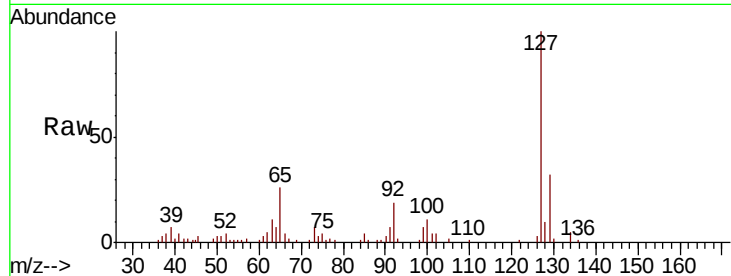




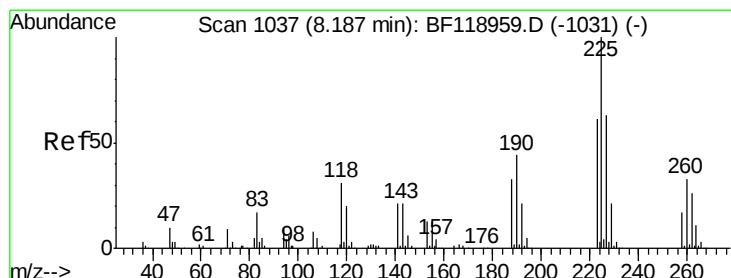
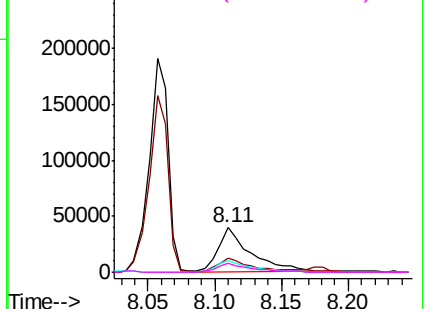
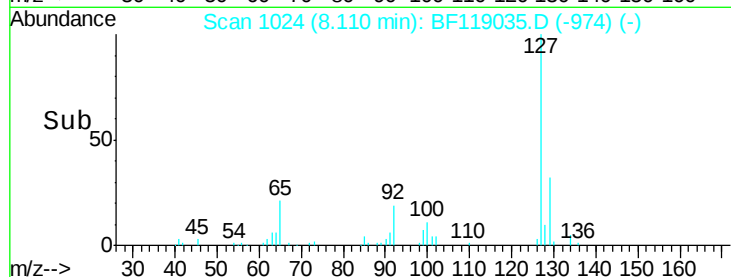
#33
4-Chloroaniline
Concen: 4.740 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	67425
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	26.3	22.0	33.0
92	19.0	15.5	23.3

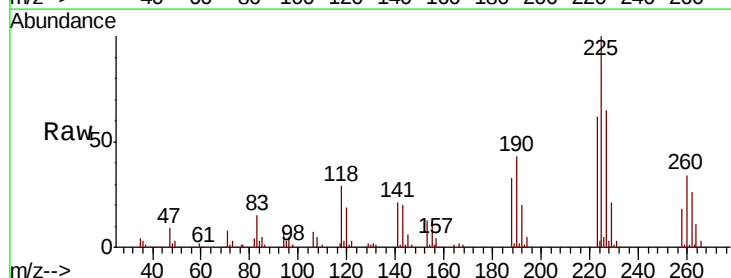


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

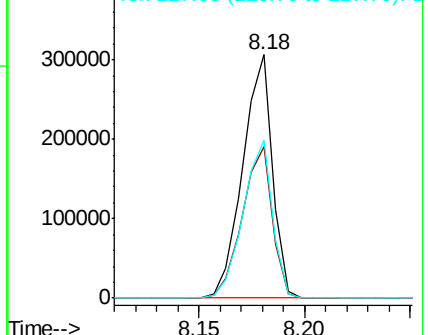
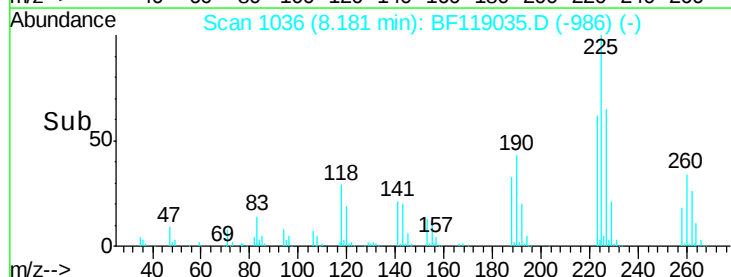


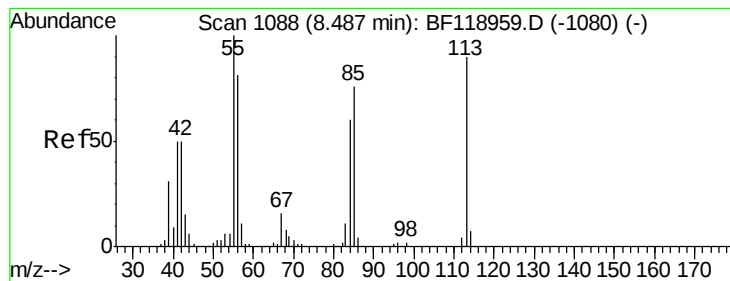
#34
Hexachlorobutadiene
Concen: 40.021 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:	225	Resp:	298856
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.9	73.3
227	64.8	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.990 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

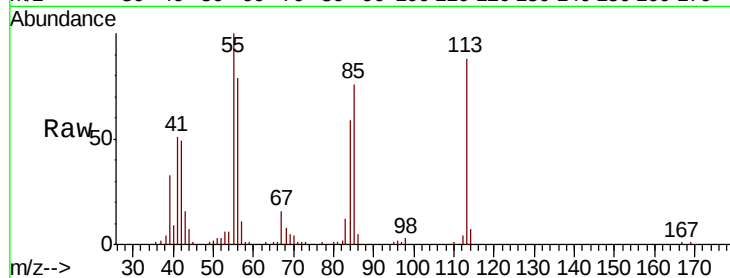
Tot Ion:113 Resp: 77804

Ion Ratio Lower Upper

113 100

55 113.9 90.8 130.8

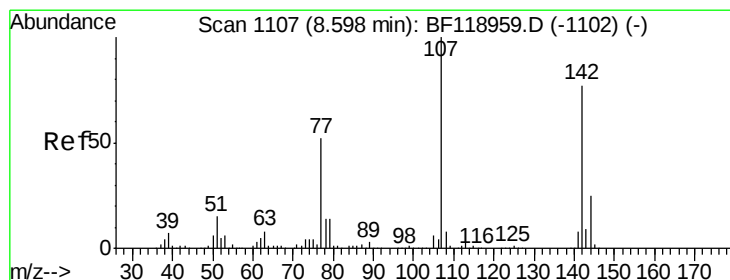
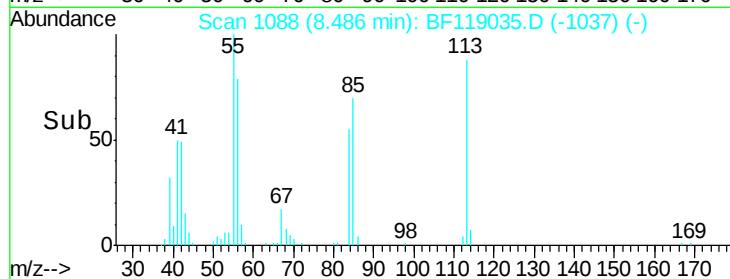
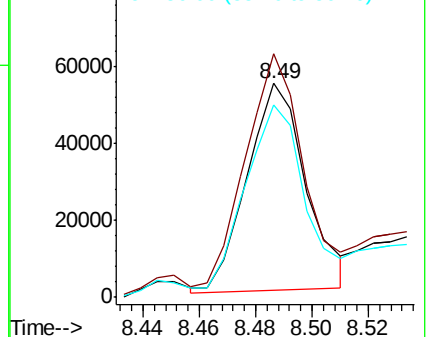
56 89.9 70.0 110.0



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: 42.475 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

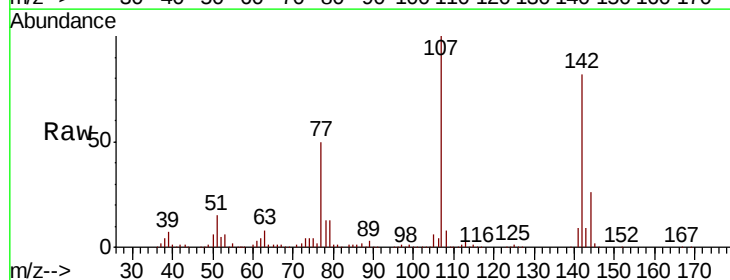
Tgt Ion:107 Resp: 434645

Ion Ratio Lower Upper

107 100

144 26.1 19.8 29.8

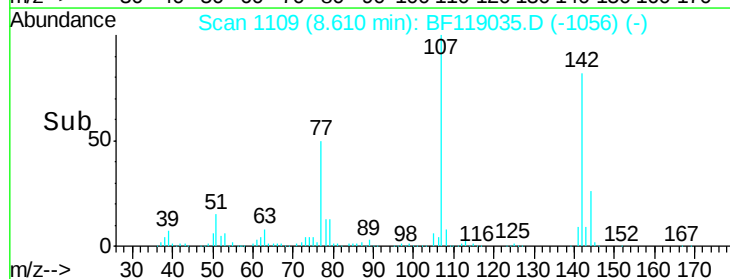
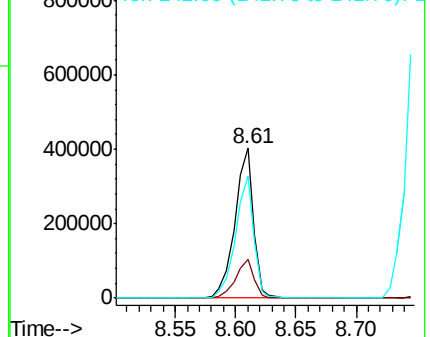
142 81.7 61.3 91.9

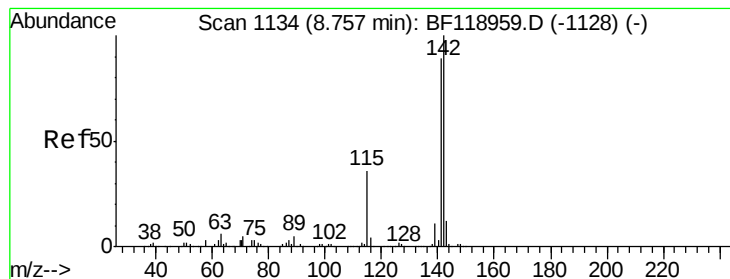


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

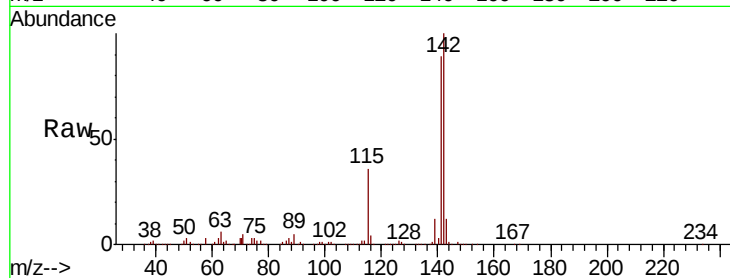




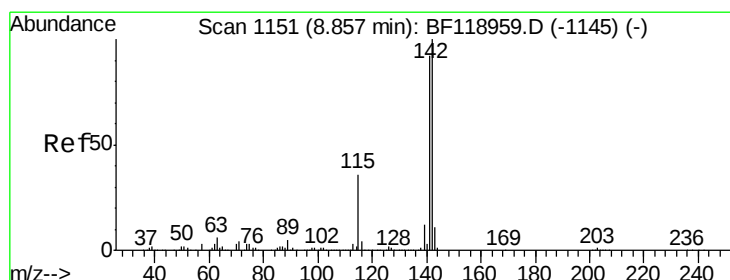
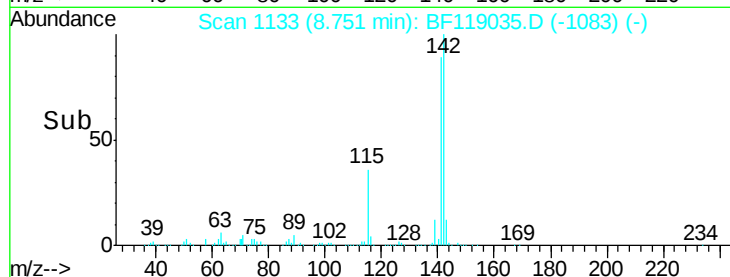
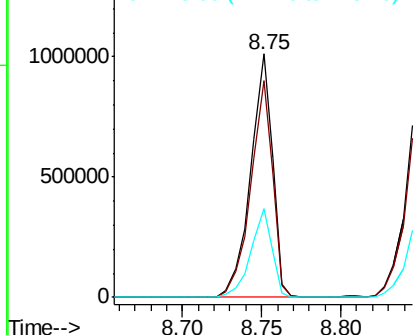
#37
 2-Methylnaphthalene
 Concen: 43.408 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4
115	36.4	28.6	42.8

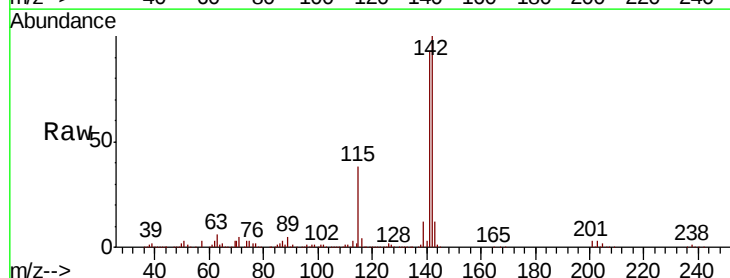


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

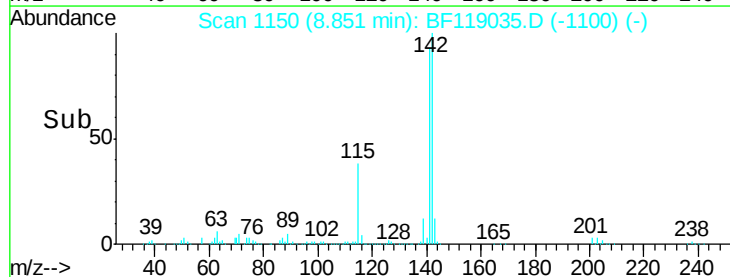
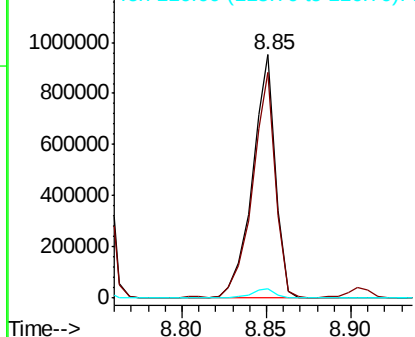


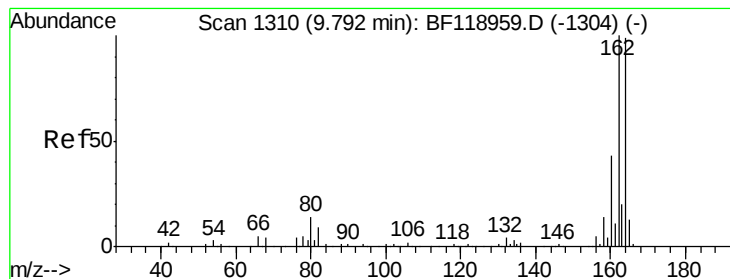
#38
 1-Methylnaphthalene
 Concen: 42.874 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5
116	4.0	3.0	4.6



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: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

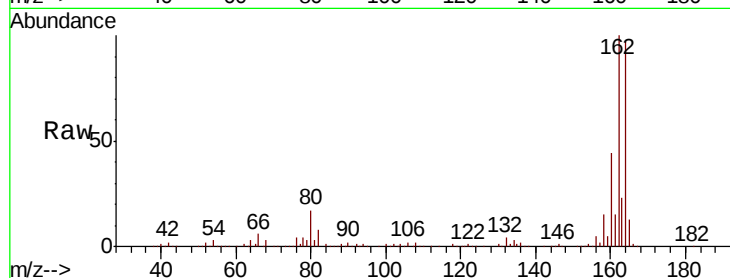
Tot Ion:164 Resp: 341471

Ion Ratio Lower Upper

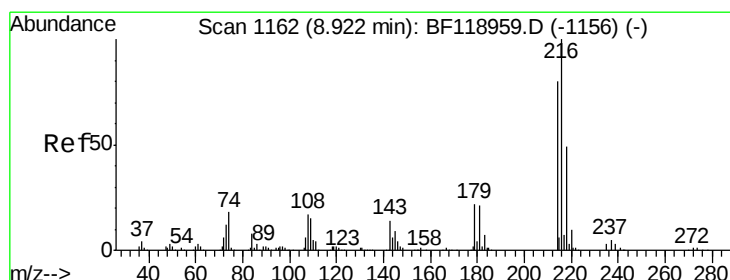
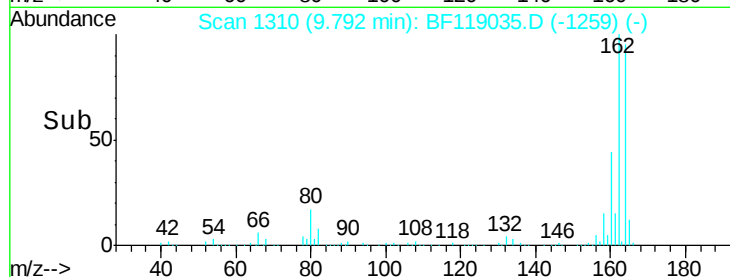
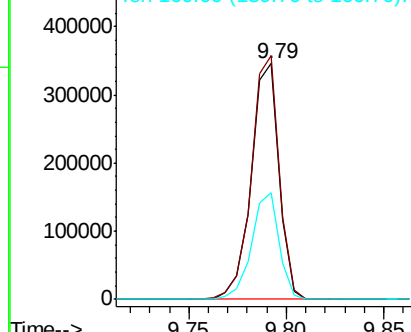
164 100

162 103.3 81.2 121.8

160 45.5 35.2 52.8



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.940 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:216 Resp: 482850

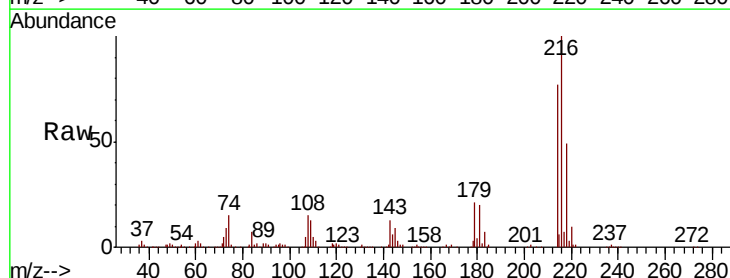
Ion Ratio Lower Upper

216 100

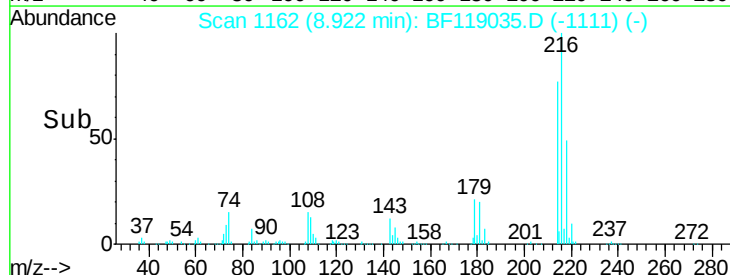
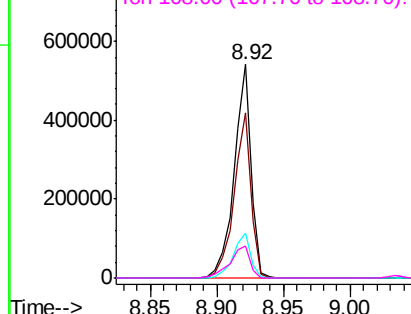
214 77.8 63.1 94.7

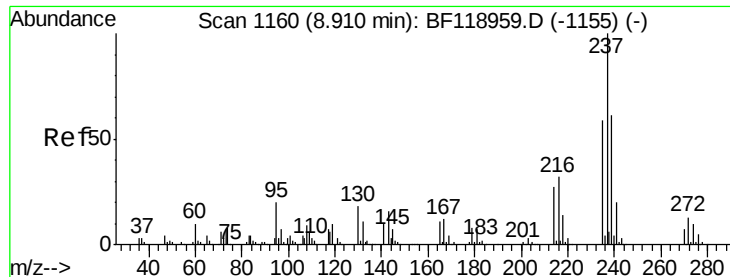
179 21.3 17.2 25.8

108 17.9 13.4 20.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

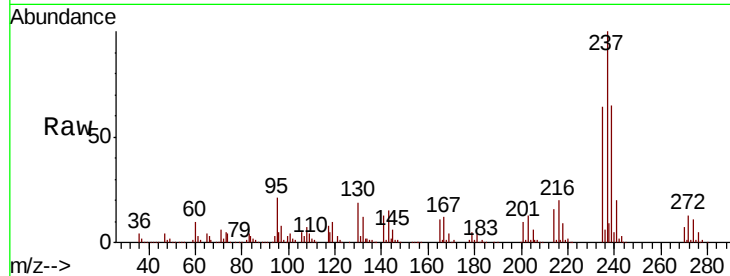




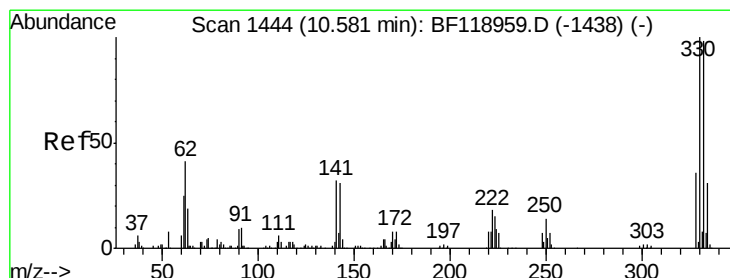
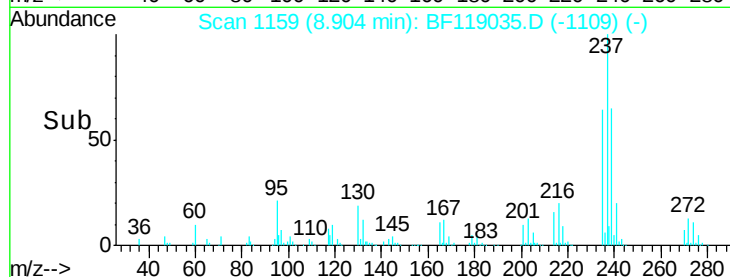
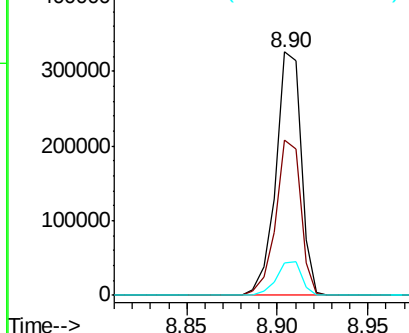
#41
Hexachlorocyclopentadiene
Concen: 76.057 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	39.4	79.4
272	13.4	0.0	32.6

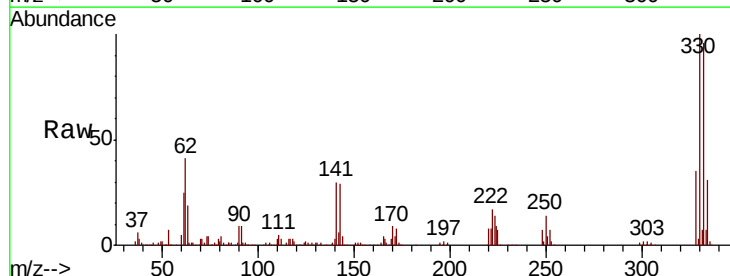


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

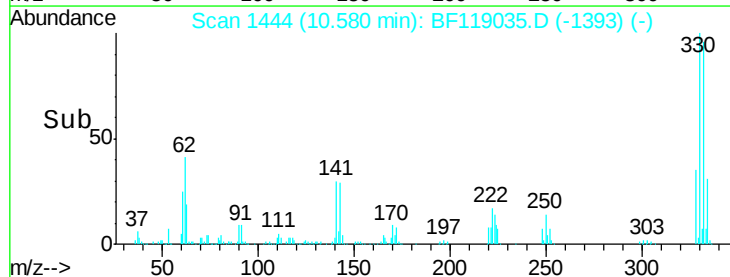
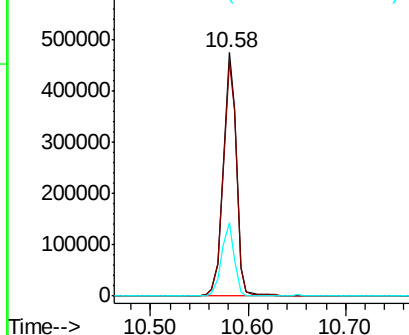


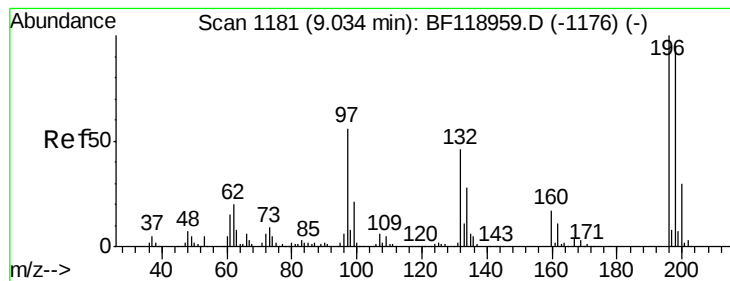
#42
2,4,6-Tribromophenol
Concen: 99.368 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	29.2	23.0	34.6



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: 43.447 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampled :

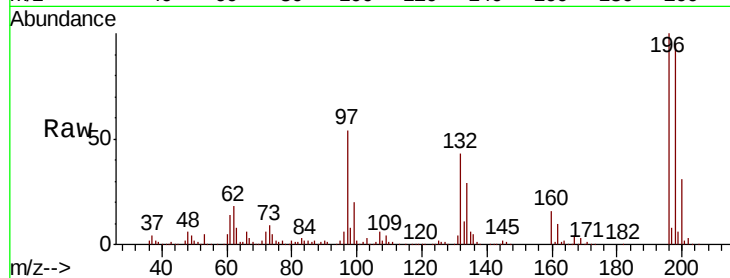
Tot Ion:196 Resp: 315879

Ion Ratio Lower Upper

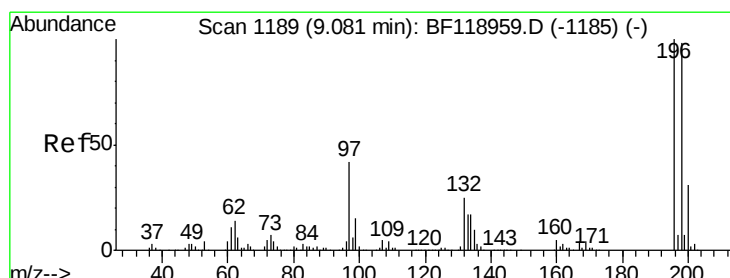
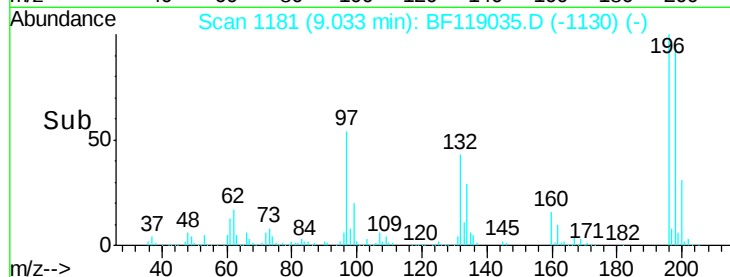
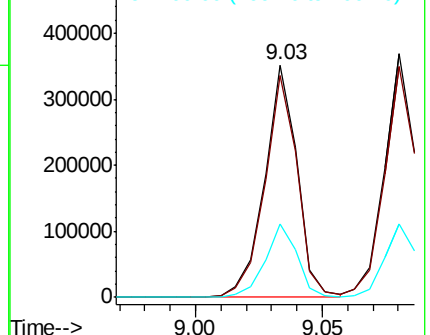
196 100

198 95.4 75.8 113.6

200 31.3 24.1 36.1



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



#44

2,4,5-Trichlorophenol

Concen: 43.153 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:196 Resp: 329221

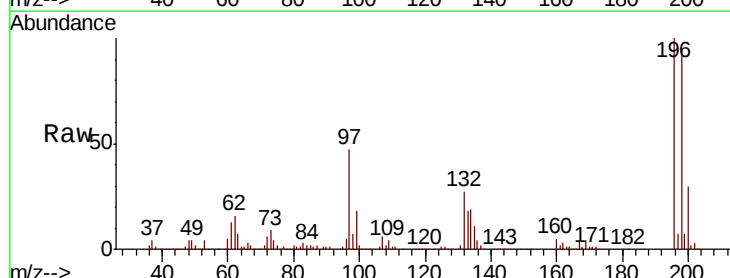
Ion Ratio Lower Upper

196 100

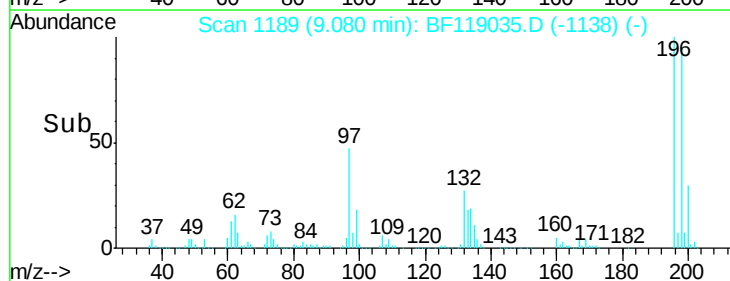
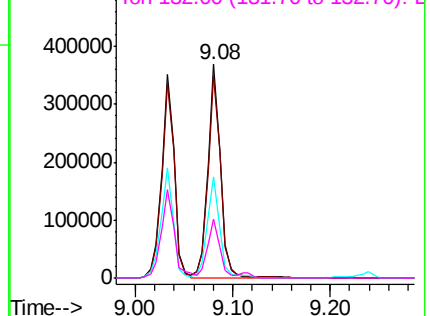
198 94.8 78.4 117.6

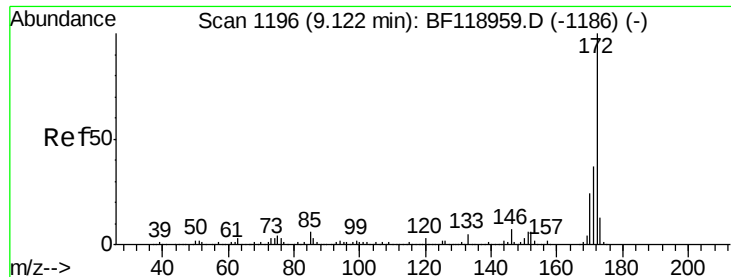
97 47.1 33.4 50.0

132 27.3 20.6 30.8



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



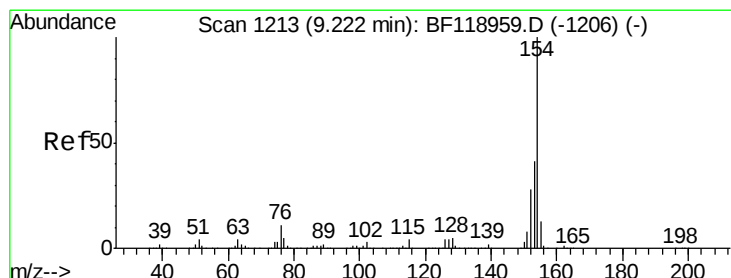
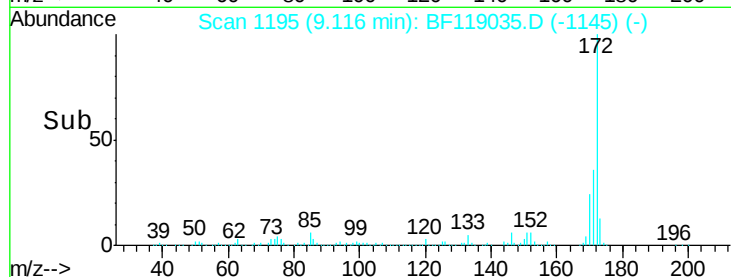
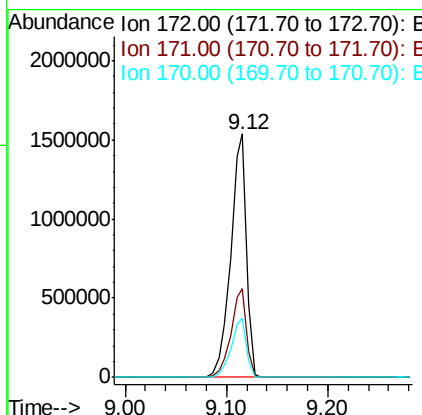
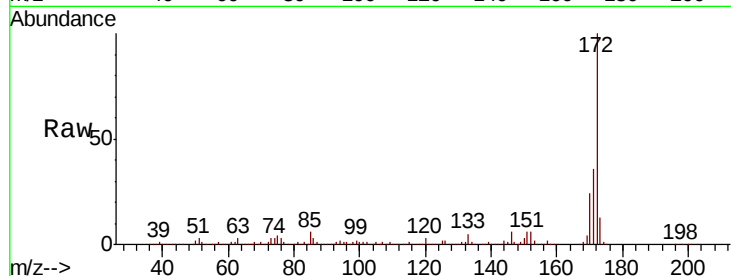


#45
 2-Fluorobiphenyl
 Concen: 70.776 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1640538

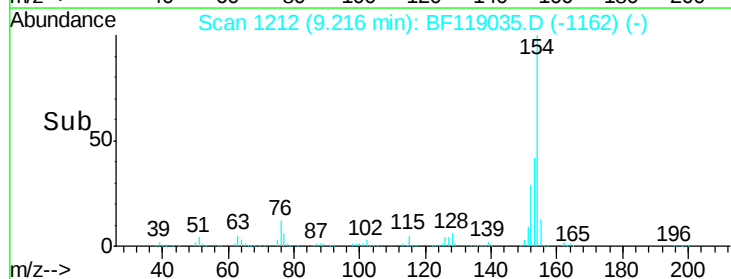
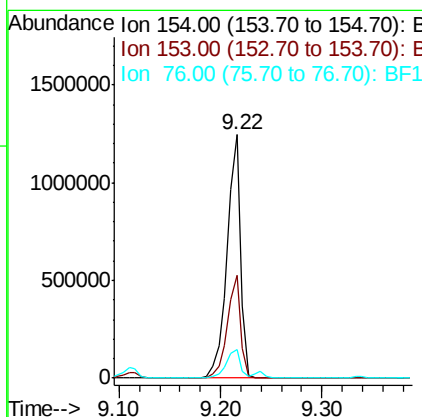
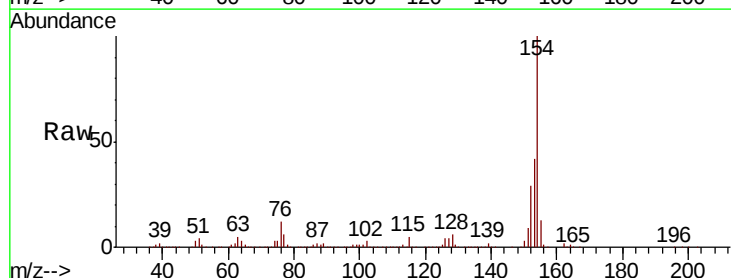
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.2	19.6	29.4

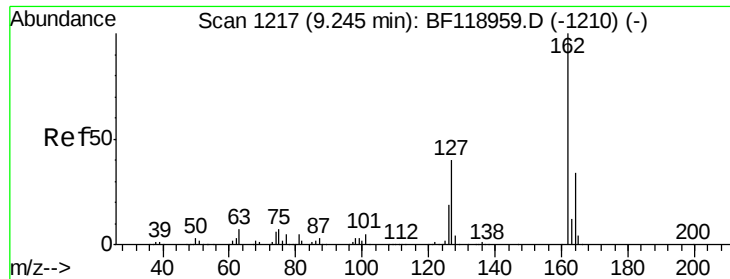


#46
 1,1'-Biphenyl
 Concen: 41.597 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion:154 Resp: 1147976

Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.2	61.2
76	11.8	0.0	31.1

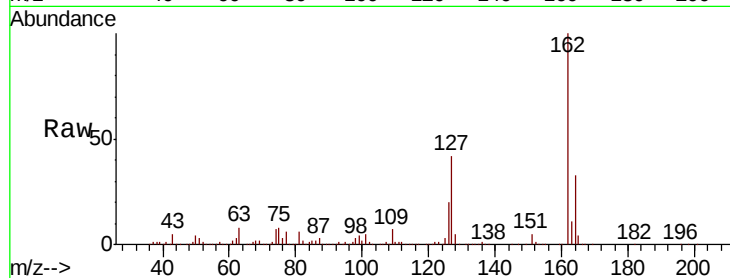




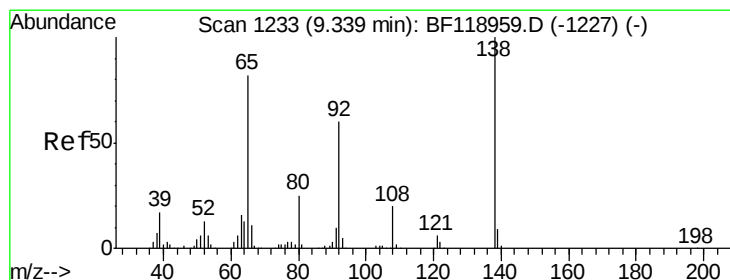
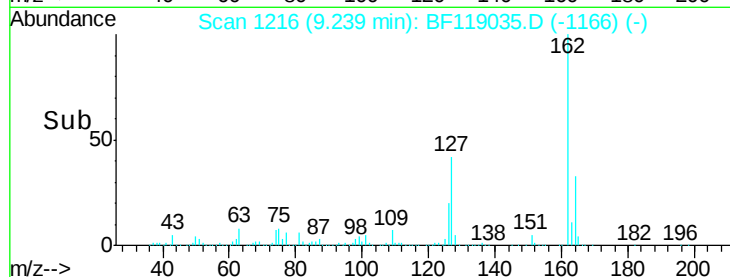
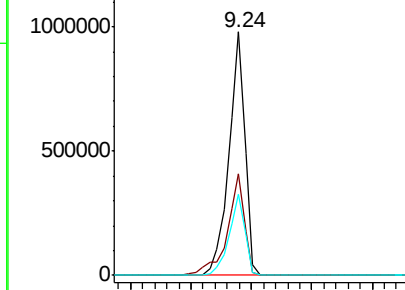
#47
 2-Chloronaphthalene
 Concen: 40.656 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.9	47.9
164	33.3	26.8	40.2

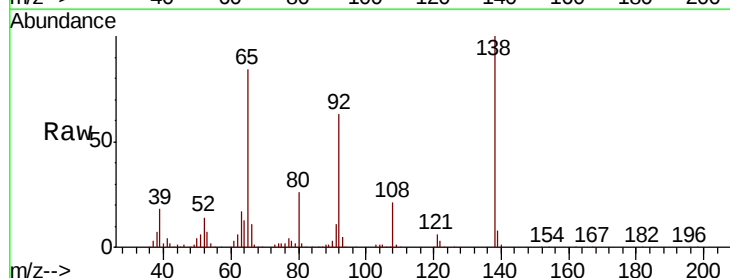


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

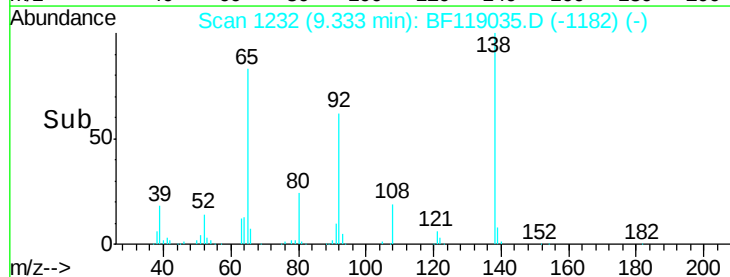
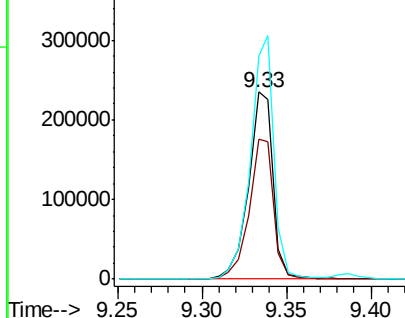


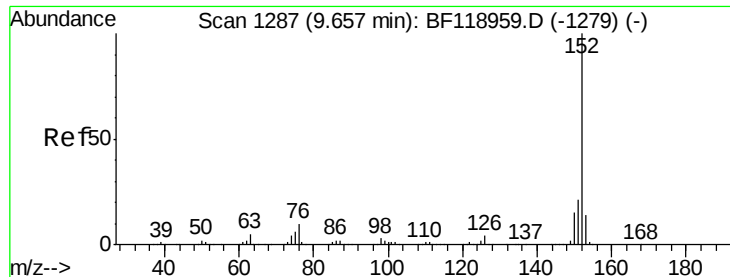
#48
 2-Nitroaniline
 Concen: 38.616 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.6	87.8
138	119.3	97.5	146.3



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





#49

Acenaphthylene

Concen: 43.493 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

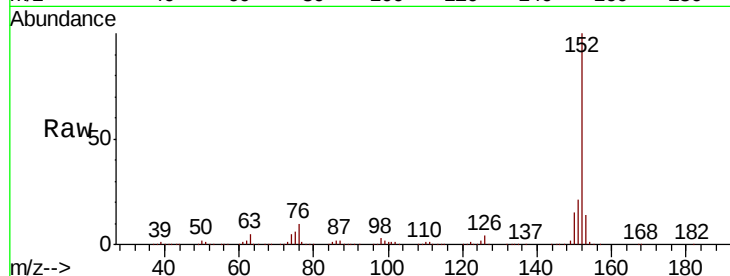
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1397042

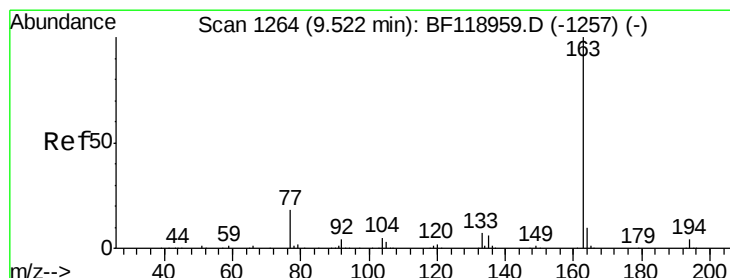
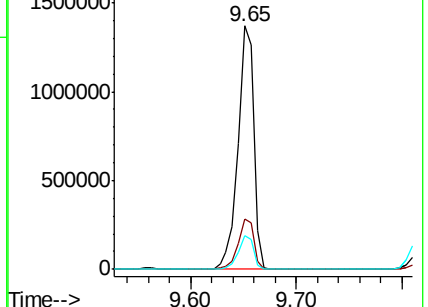
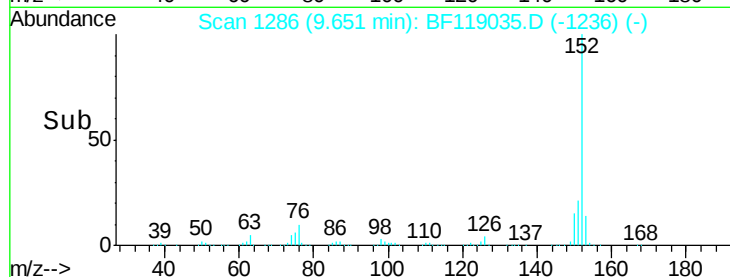
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1
153	14.0	10.9	16.3



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: 46.863 ng

RT: 9.52 min Scan# 1263

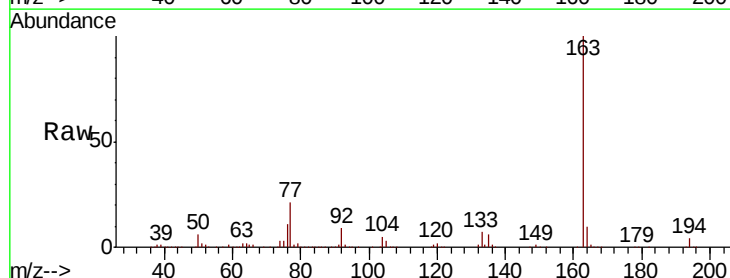
Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:163 Resp: 1223671

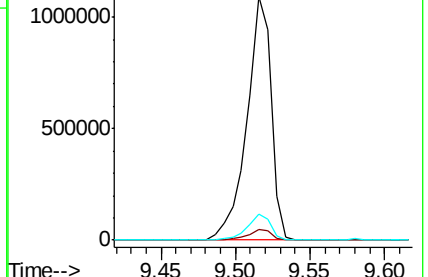
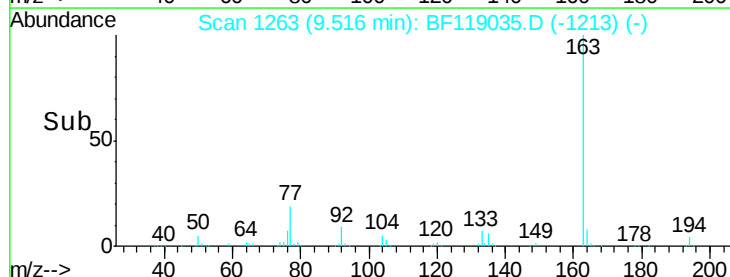
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.2	12.2

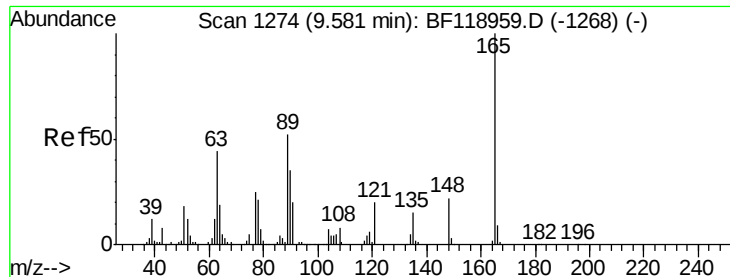


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

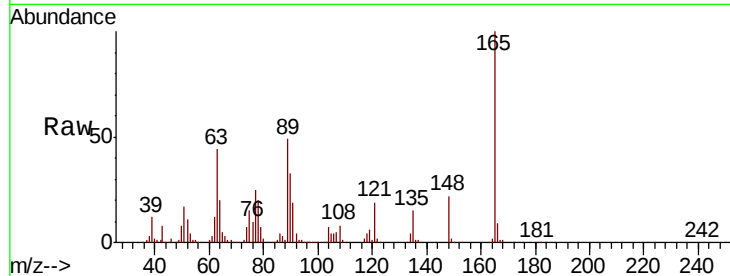




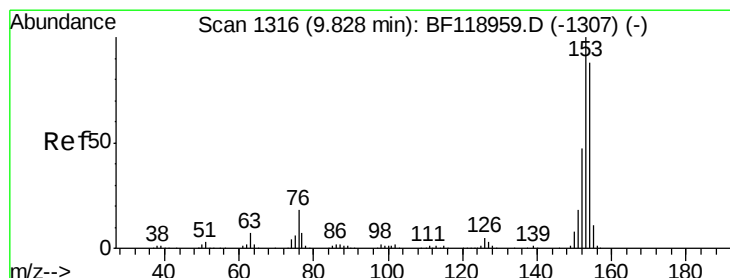
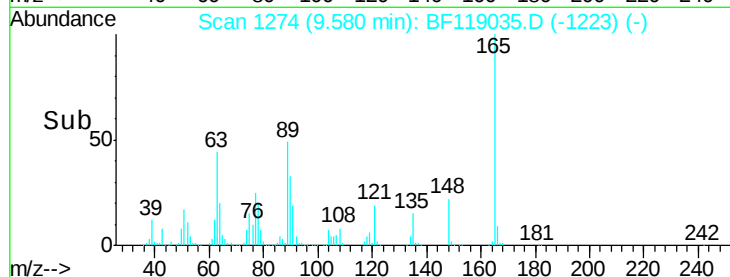
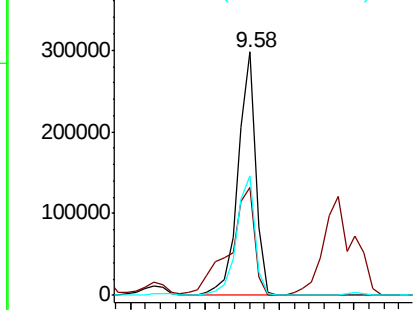
#51
2,6-Dinitrotoluene
Concen: 42.469 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 246374
Ion Ratio Lower Upper
165 100
63 44.2 37.9 56.9
89 49.1 41.4 62.0

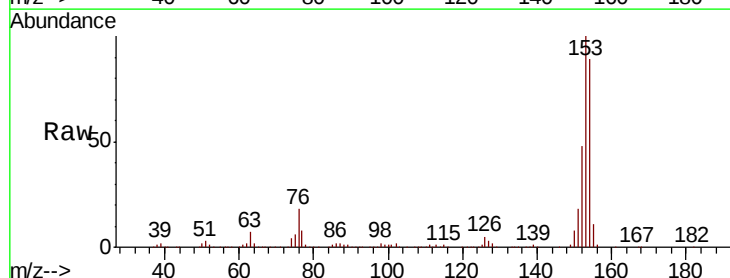


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

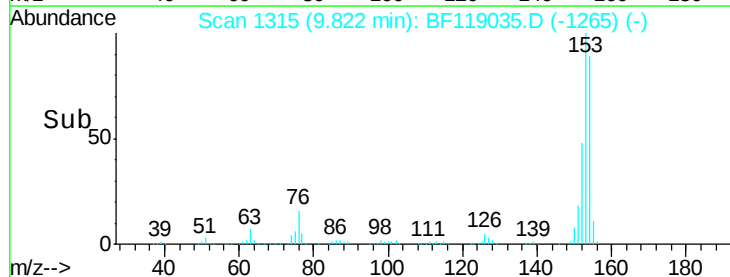
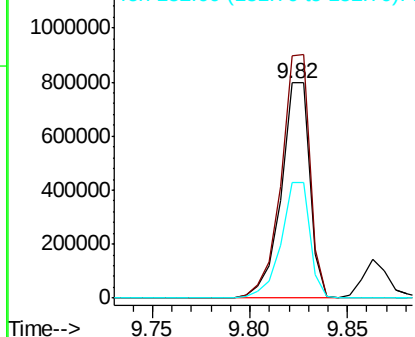


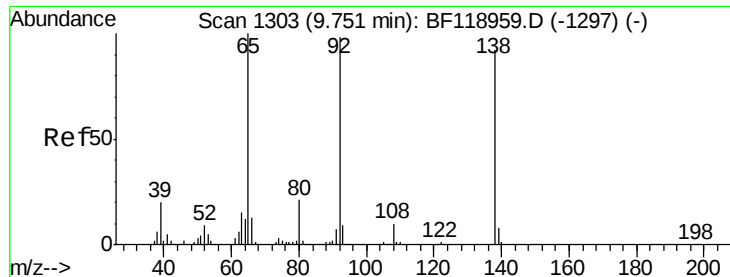
#52
Acenaphthene
Concen: 41.985 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:154 Resp: 813169
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 53.9 42.9 64.3



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

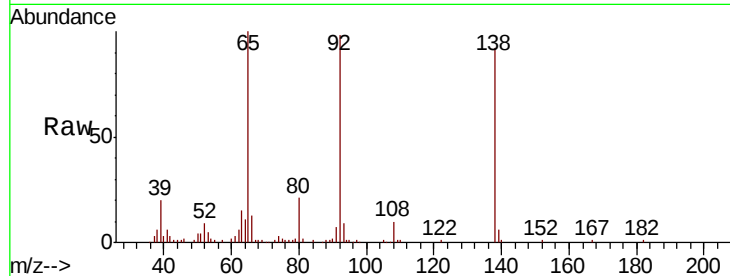




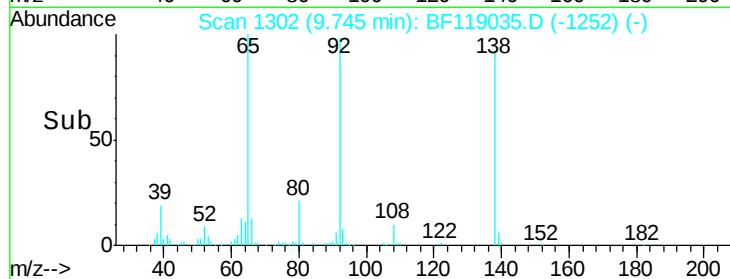
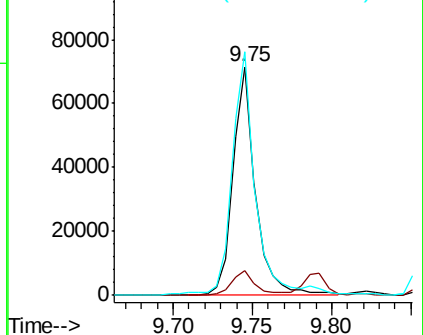
#53
3-Nitroaniline
Concen: 10.948 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 70411
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 106.5 84.6 127.0

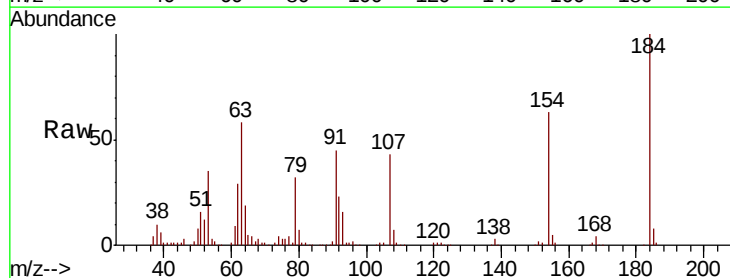


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

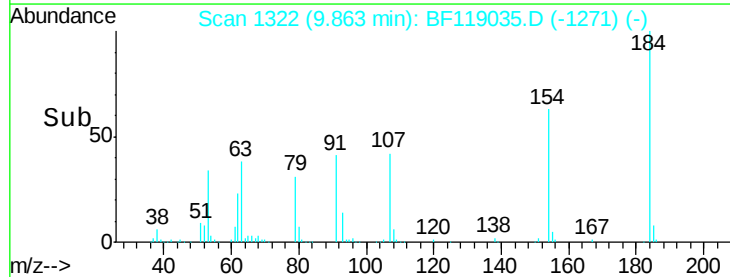
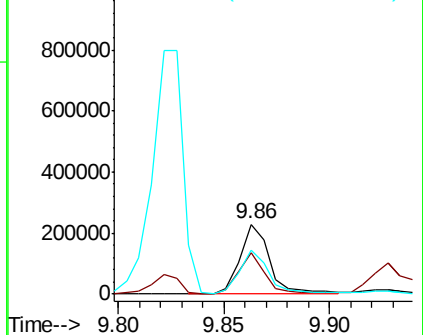


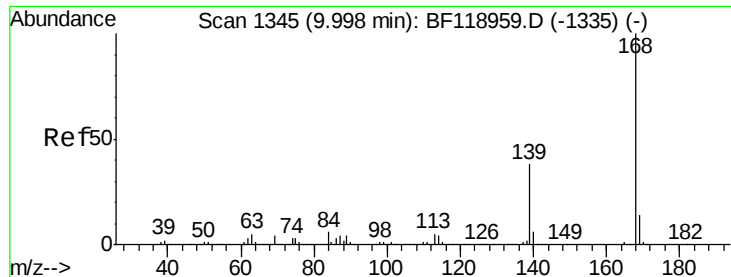
#54
2,4-Dinitrophenol
Concen: 78.814 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:184 Resp: 221873
Ion Ratio Lower Upper
184 100
63 58.5 37.8 56.6#
154 63.4 47.6 71.4



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

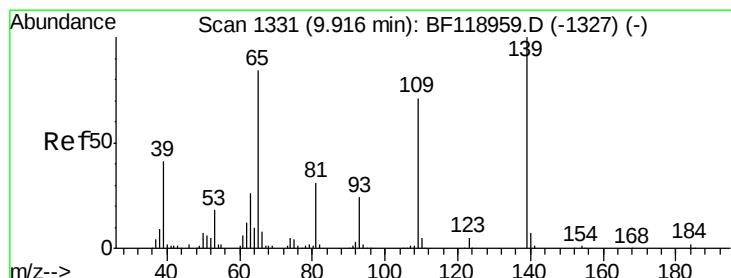
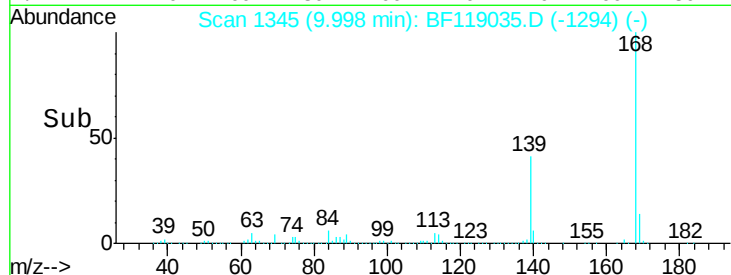
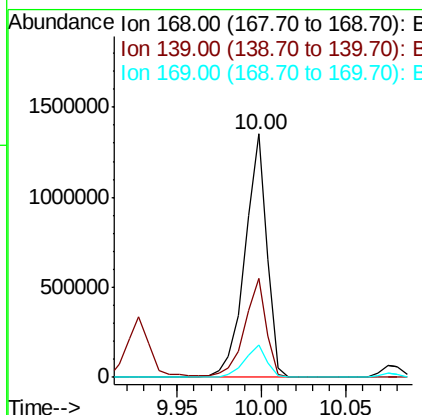
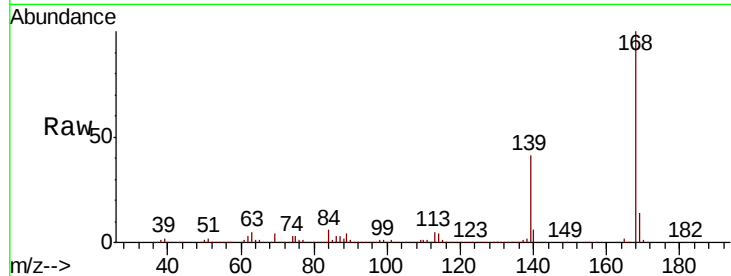




#55
Dibenzenofuran
Concen: 42.466 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

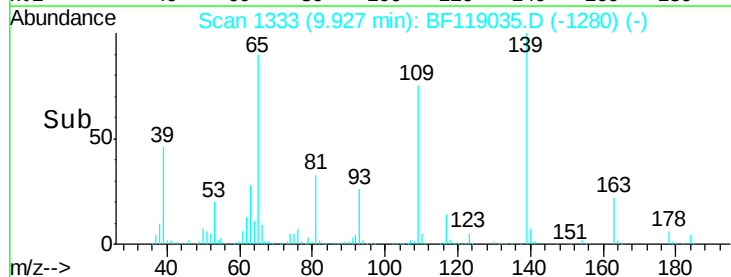
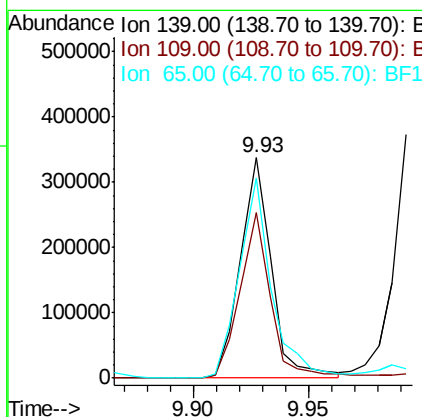
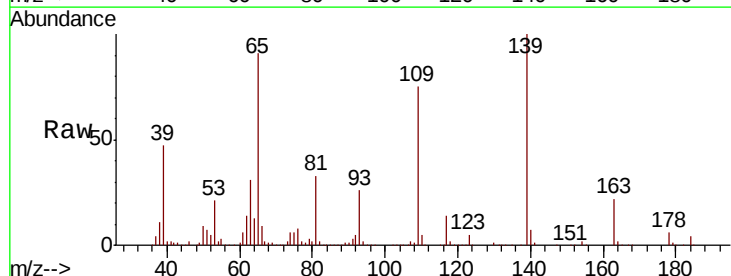
Instrument :
BNA_F
ClientSampleId :

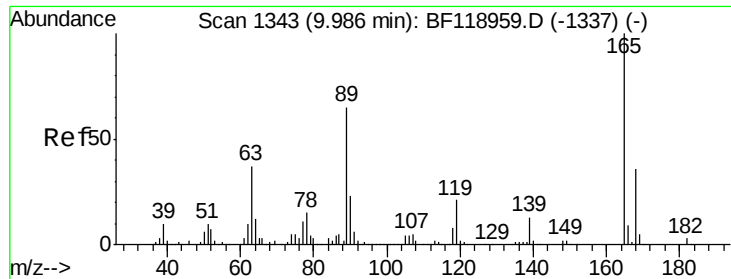
Tot Ion:168 Resp: 1227641
Ion Ratio Lower Upper
168 100
139 40.5 31.7 47.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 82.787 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:139 Resp: 319898
Ion Ratio Lower Upper
139 100
109 75.2 51.1 91.1
65 90.7 64.7 104.7

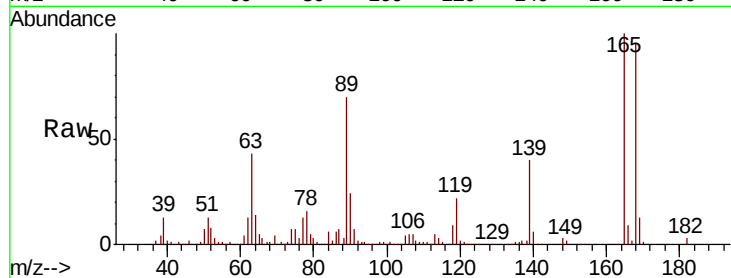




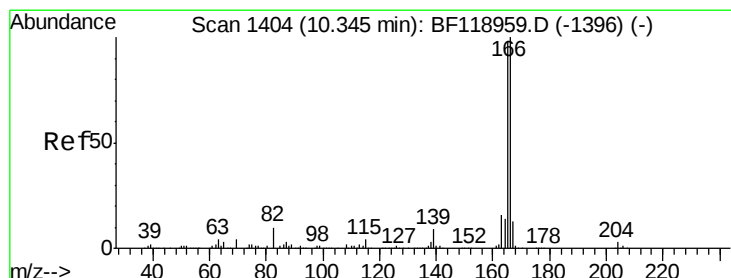
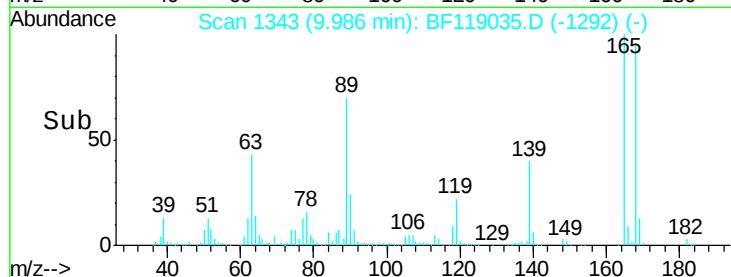
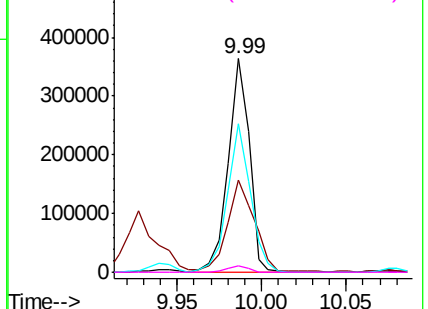
#57
 2,4-Dinitrotoluene
 Concen: 41.726 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	313761
Ion Ratio	Lower	Upper
165	100	
63	43.3	29.8 44.8
89	69.8	51.9 77.9
182	3.2	2.3 3.5

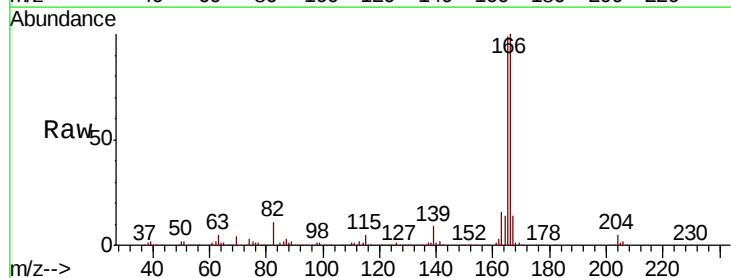


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

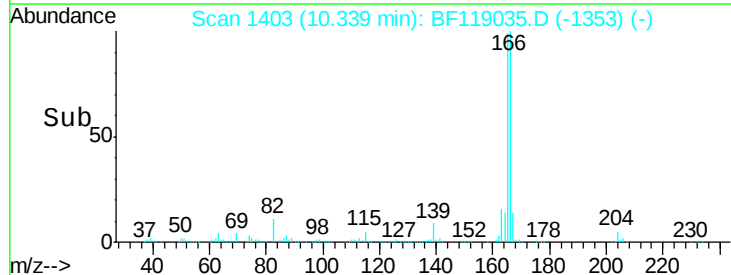
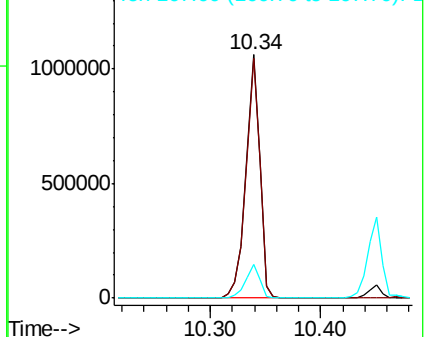


#58
 Fluorene
 Concen: 42.387 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion:166	Resp:	952169
Ion Ratio	Lower	Upper
166	100	
165	98.6	78.2 117.4
167	13.8	10.6 16.0



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

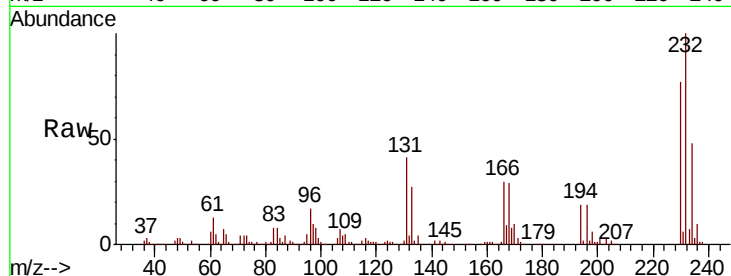




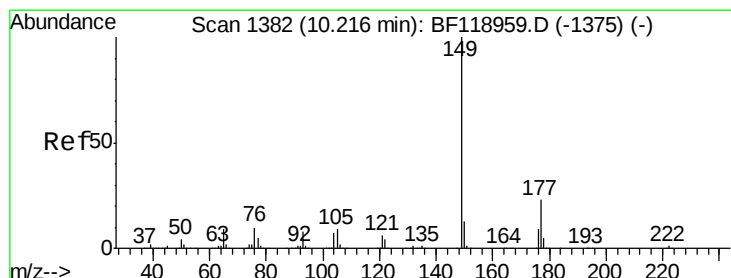
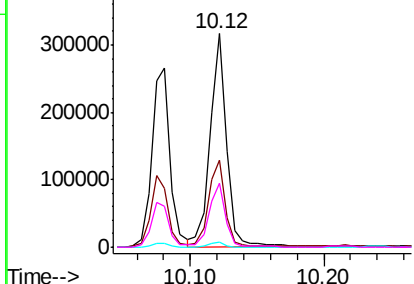
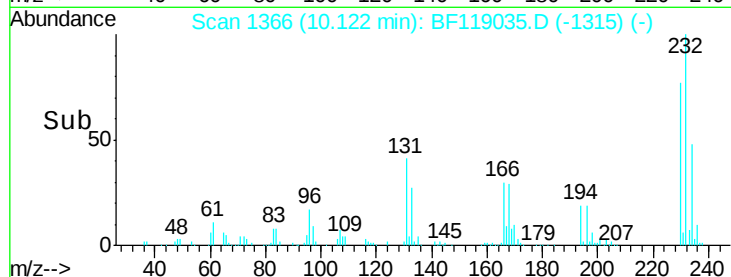
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.683 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 274773
 Ion Ratio Lower Upper
 232 100
 131 41.6 34.0 51.0
 130 2.2 1.6 2.4
 166 29.7 23.6 35.4

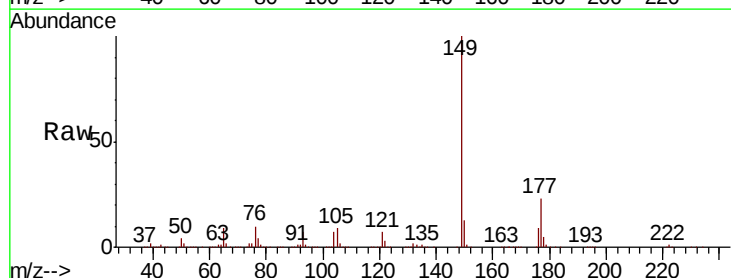


Abundance Ion 232.00 (231.70 to 232.70): E
 500000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

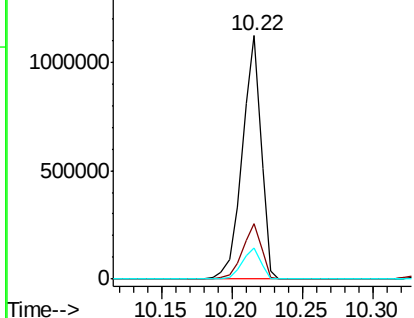
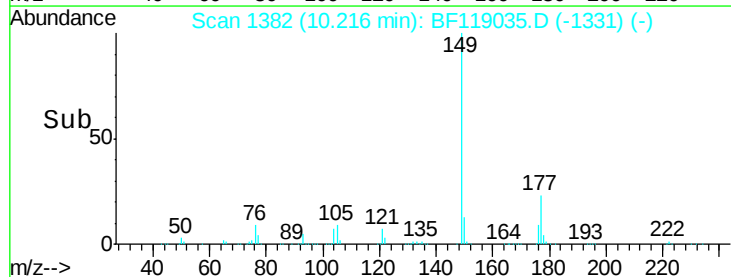


#60
 Diethylphthalate
 Concen: 42.375 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion:149 Resp: 1042720
 Ion Ratio Lower Upper
 149 100
 177 22.6 18.1 27.1
 150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

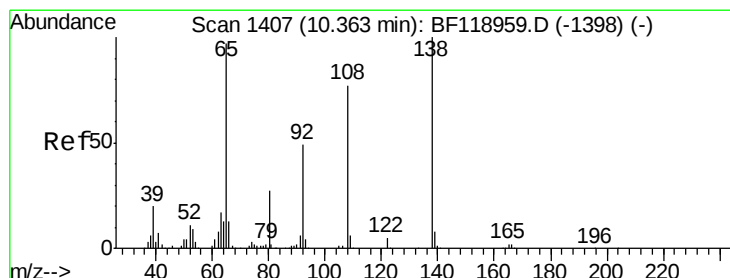
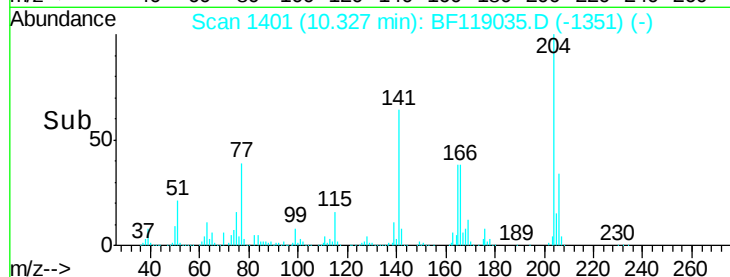
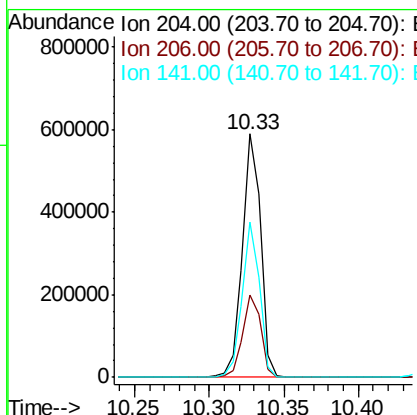
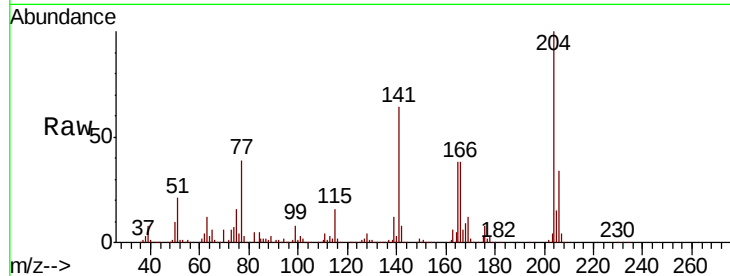




#61
 4-Chlorophenyl-phenylether
 Concen: 42.284 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

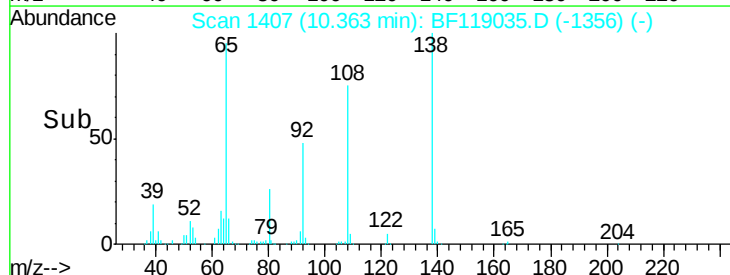
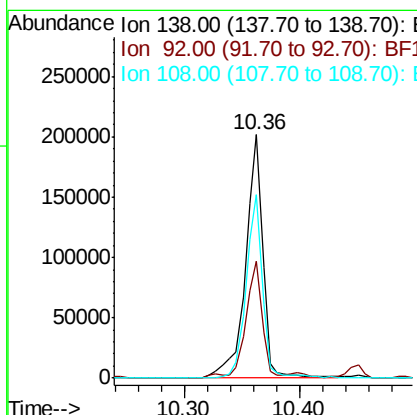
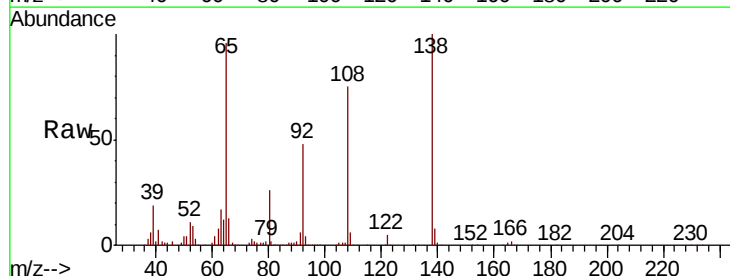
Instrument :
 BNA_F
 ClientSampleId :

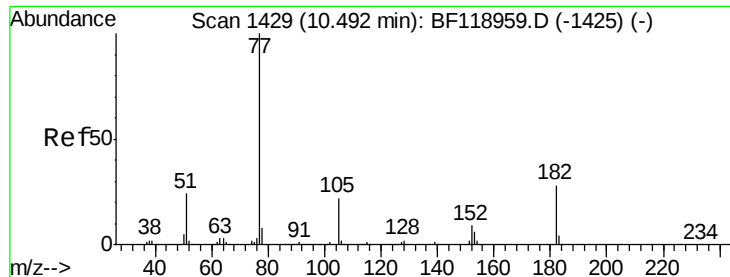
Tot Ion:	204	Resp:	502777
Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	63.7	49.5	74.3



#62
 4-Nitroaniline
 Concen: 31.925 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion:	138	Resp:	210064
Ion	Ratio	Lower	Upper
138	100		
92	48.2	28.7	68.7
108	75.4	56.8	96.8





#63

Azobenzene

Concen: 42.939 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 918415

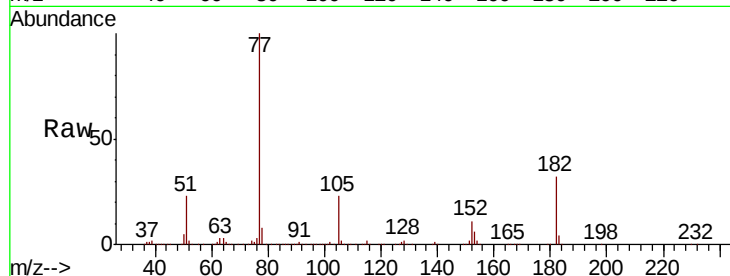
Ion Ratio Lower Upper

77 100

182 32.2 8.2 48.2

105 23.1 2.3 42.3

51 23.0 3.6 43.6

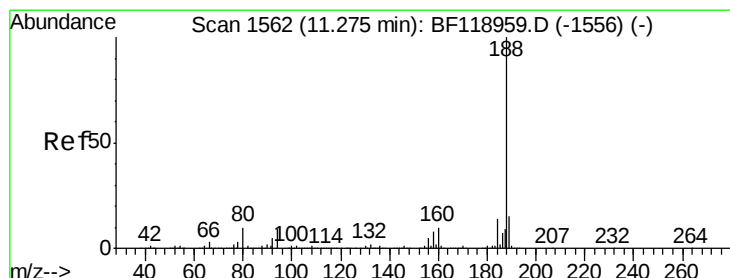
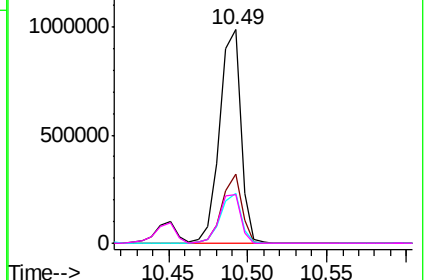
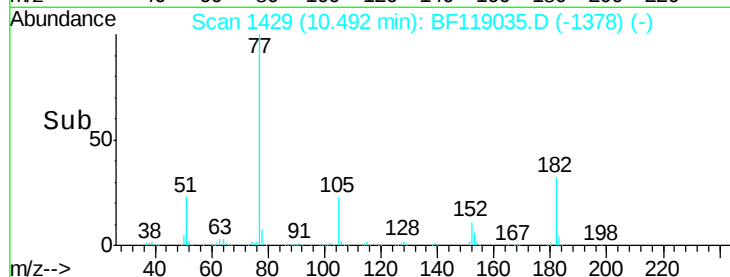


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

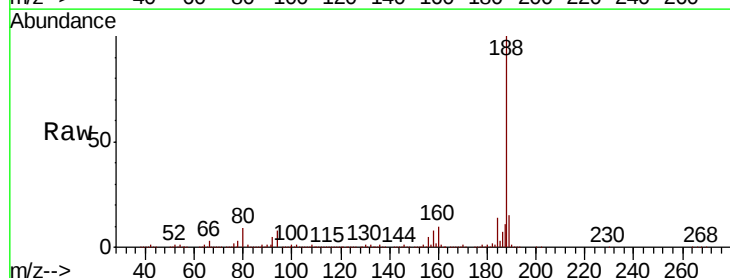
Tgt Ion: 188 Resp: 598692

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

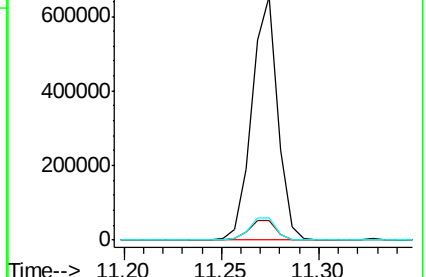
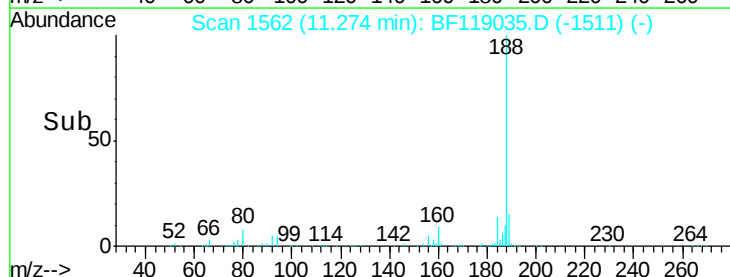
80 8.9 7.9 11.9



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

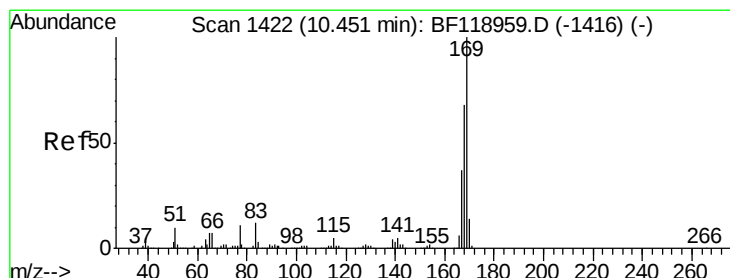
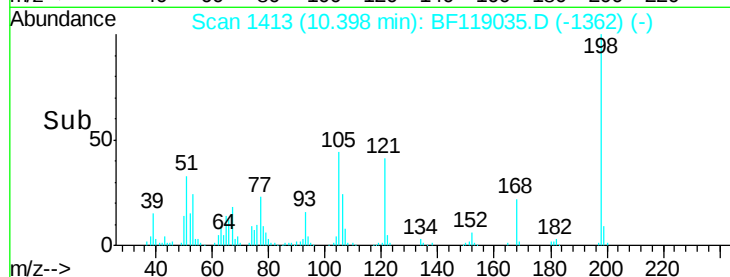
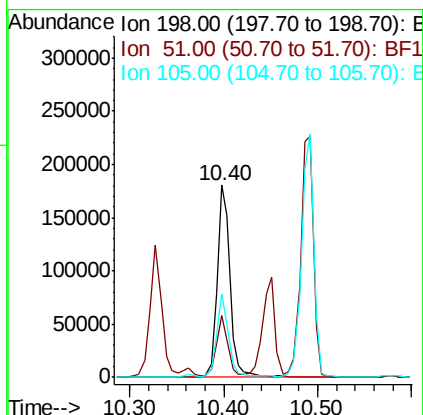
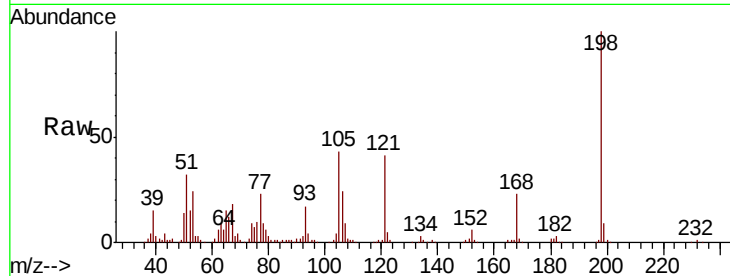




#65
4,6-Dinitro-2-methylphenol
Concen: 48.314 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

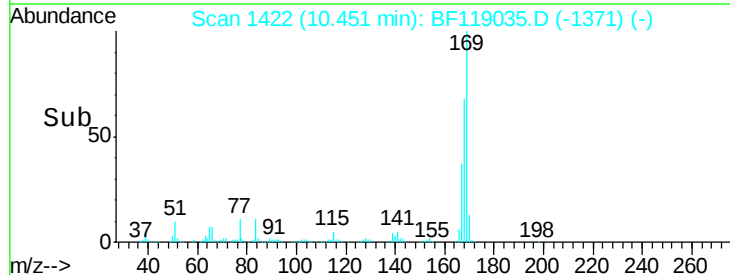
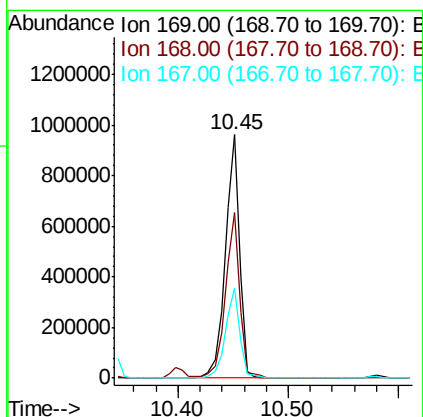
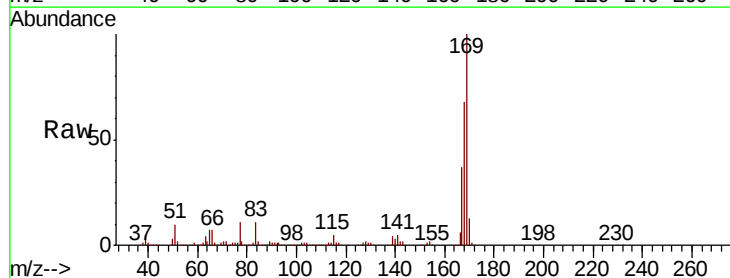
Instrument :
BNA_F
ClientSampleId :

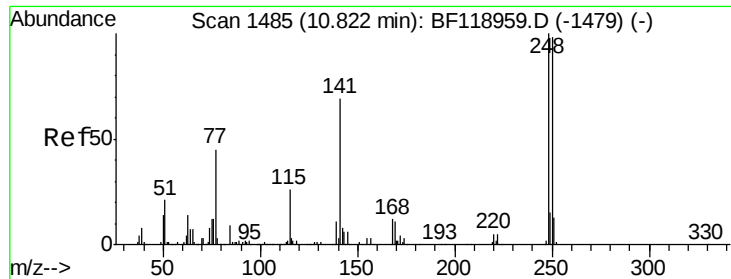
Tot Ion:198 Resp: 175029
Ion Ratio Lower Upper
198 100
51 32.5 7.1 47.1
105 43.5 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 44.055 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:169 Resp: 863635
Ion Ratio Lower Upper
169 100
168 67.9 54.2 81.2
167 36.9 29.4 44.2

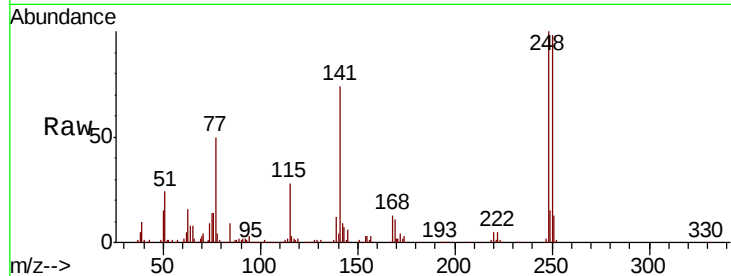




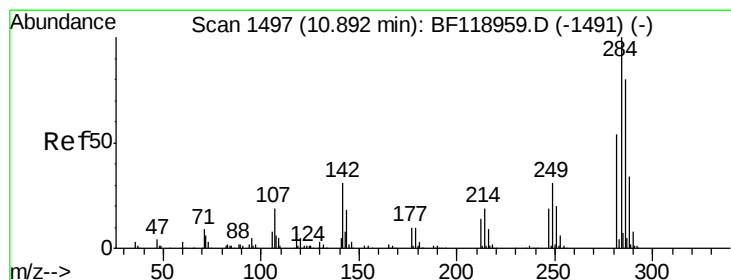
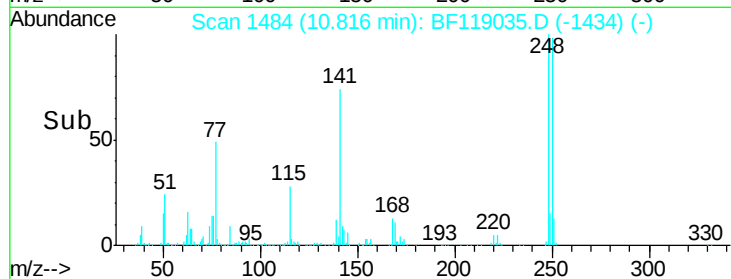
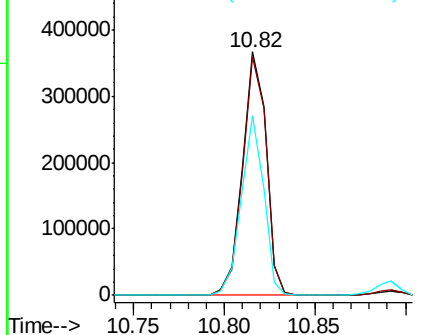
#67
4-Bromophenyl-phenylether
Concen: 42.677 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.8	118.2
141	73.9	55.3	82.9

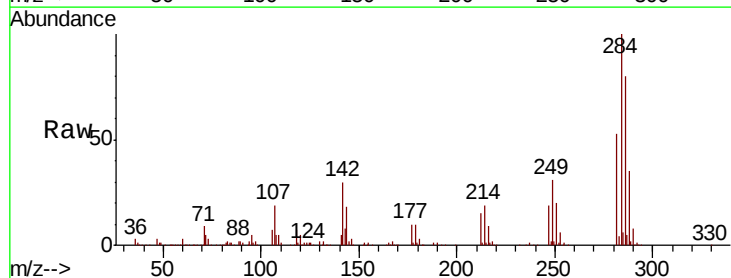


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

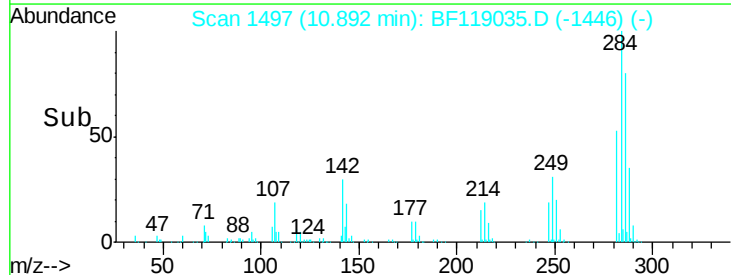
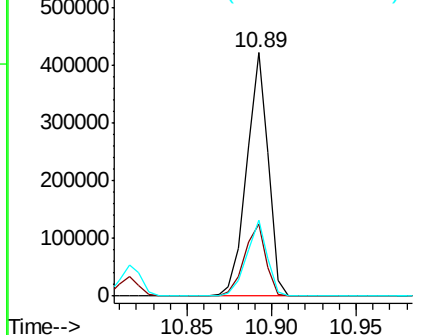


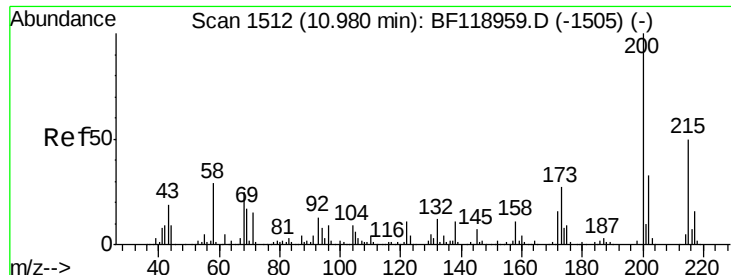
#68
Hexachlorobenzene
Concen: 41.614 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	25.0	37.6
249	31.3	25.0	37.4



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

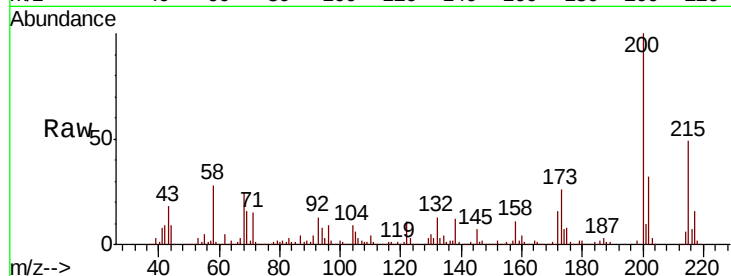




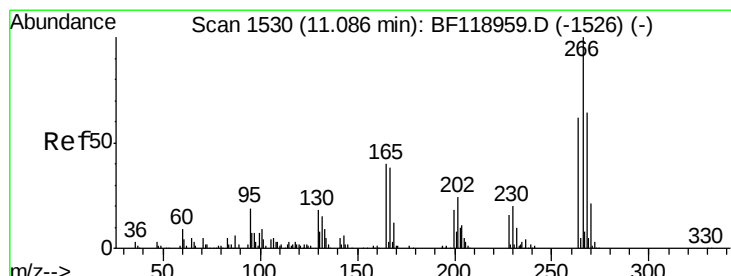
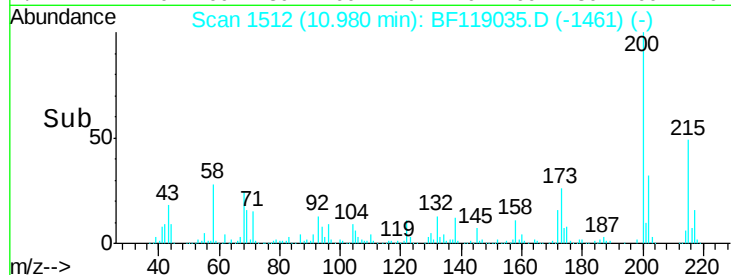
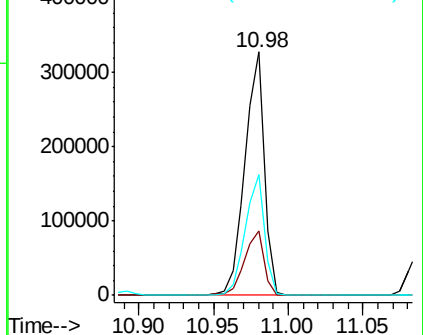
#69
Atrazine
Concen: 43.332 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.9	46.9
215	49.4	29.7	69.7

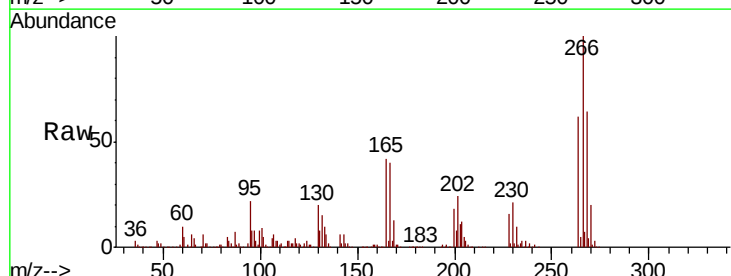


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

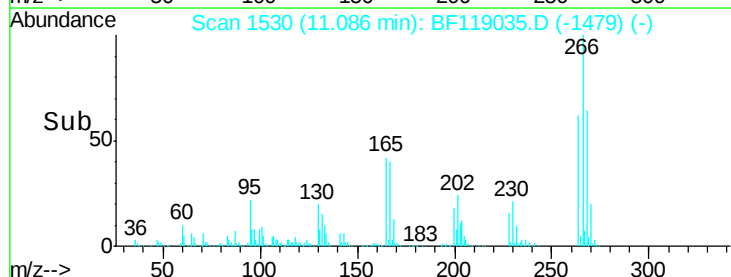
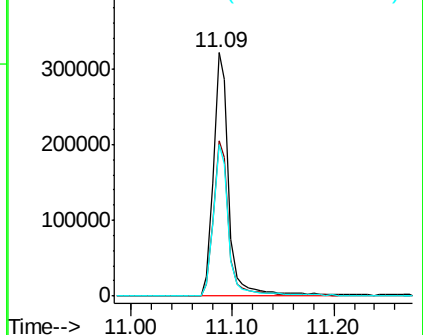


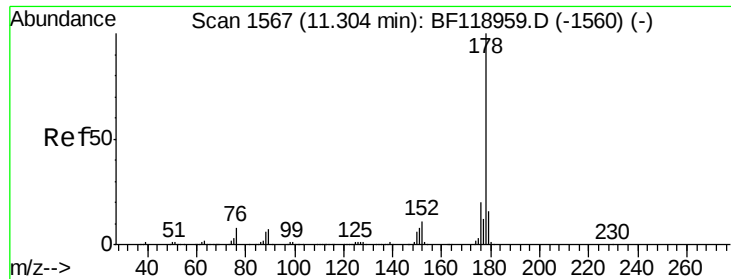
#70
Pentachlorophenol
Concen: 94.329 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.4	77.0
264	62.4	49.5	74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

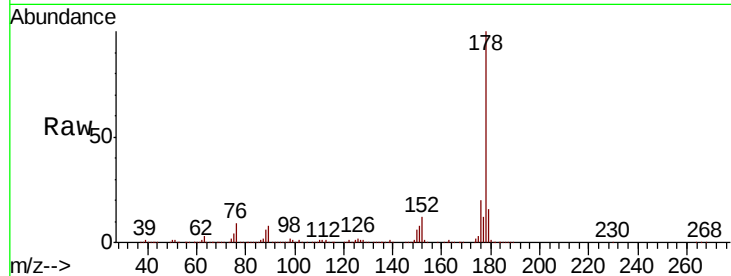




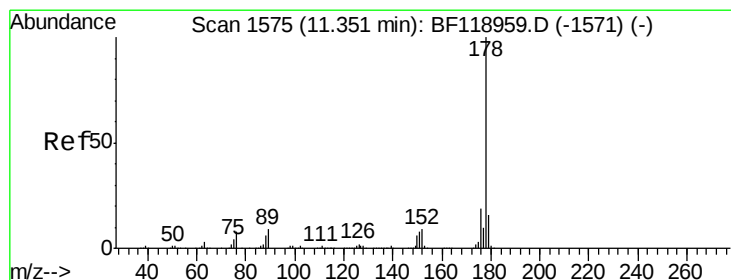
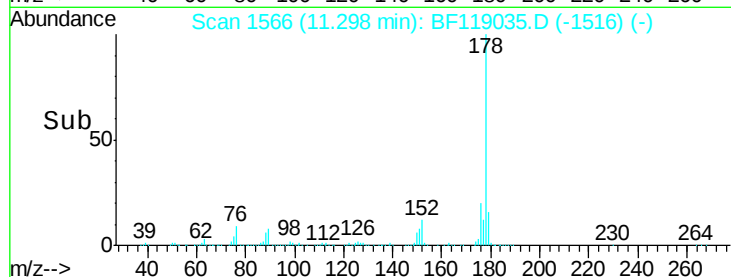
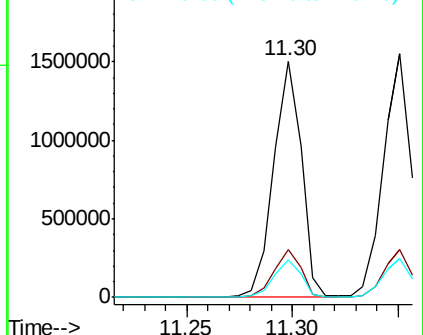
#71
Phenanthrene
Concen: 42.332 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1382126
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 16.1 12.6 18.8

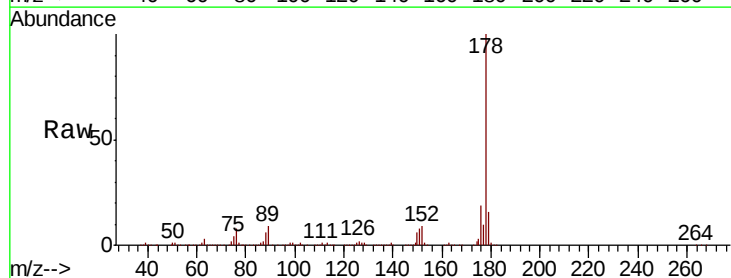


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

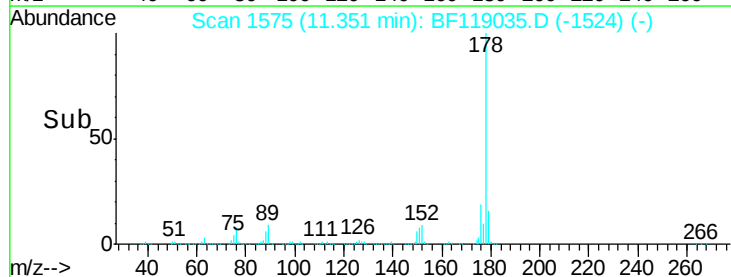
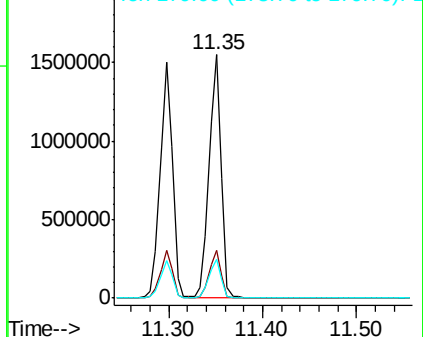


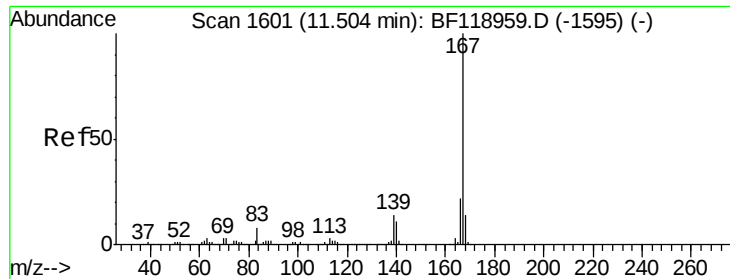
#72
Anthracene
Concen: 43.416 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:178 Resp: 1416339
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



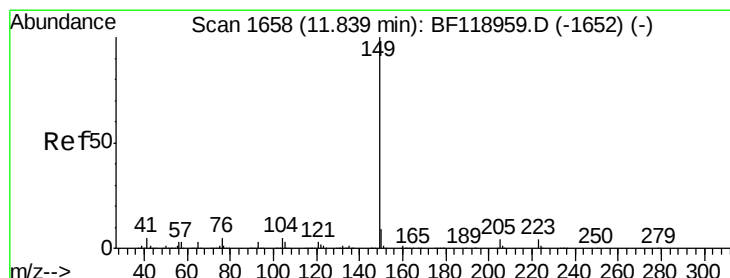
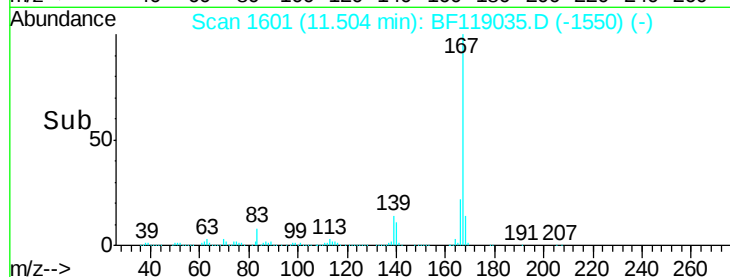
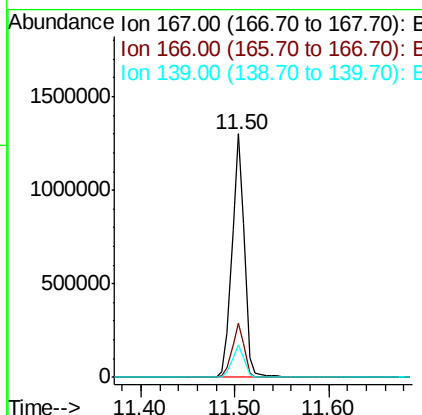
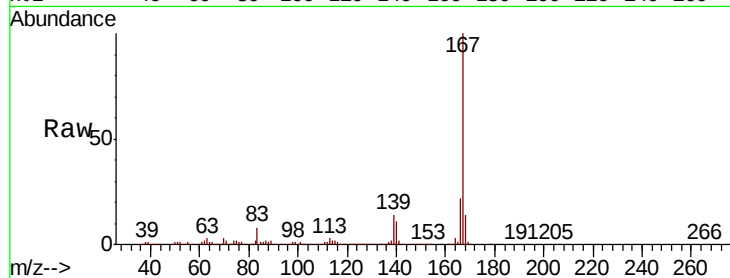


#73
 Carbazole
 Concen: 40.820 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1186327

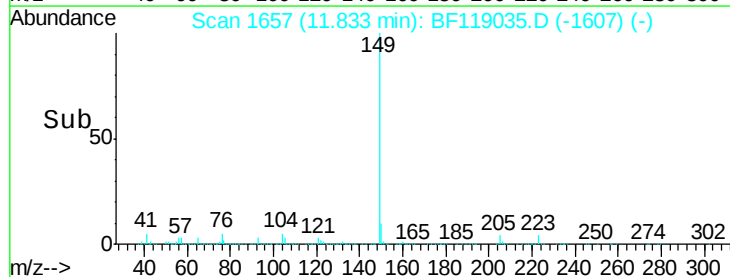
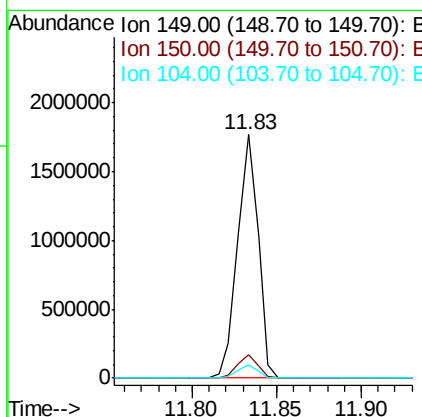
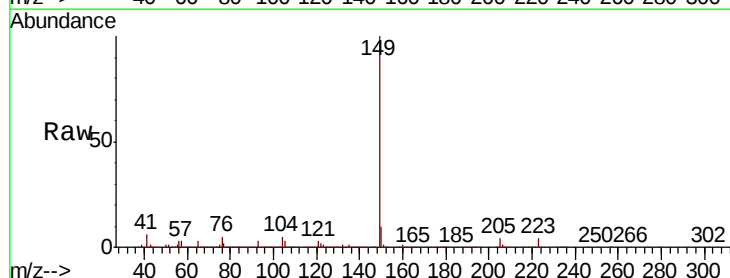
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.5	11.2	16.8

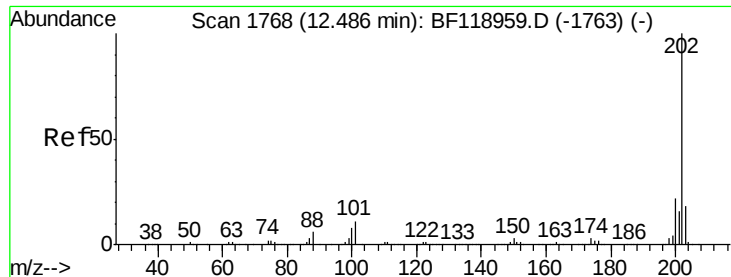


#74
 Di-n-butylphthalate
 Concen: 42.453 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion:149 Resp: 1494141

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.2	4.0	6.0



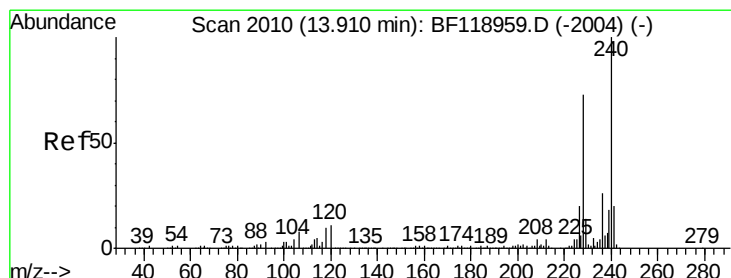
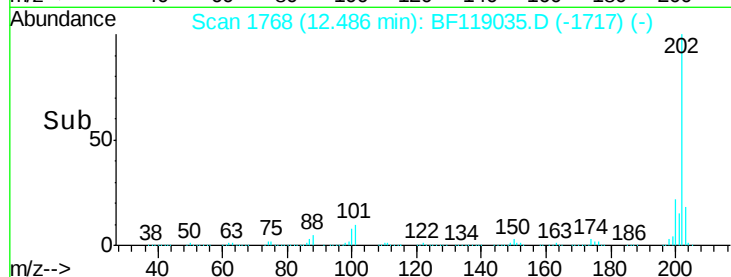
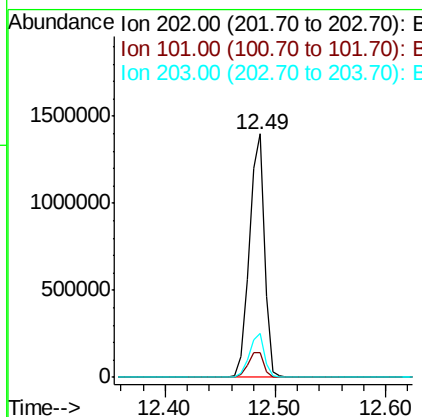
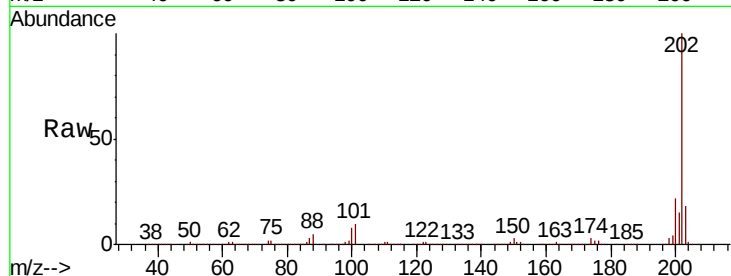


#75
 Fluoranthene
 Concen: 39.015 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1352117

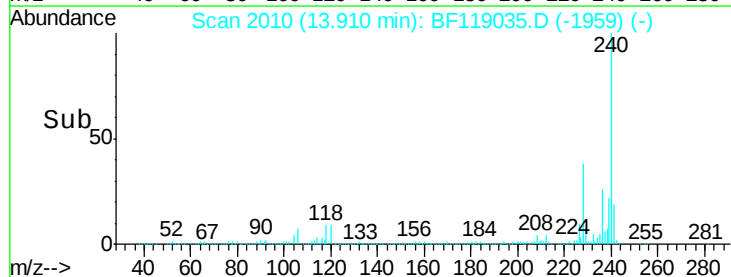
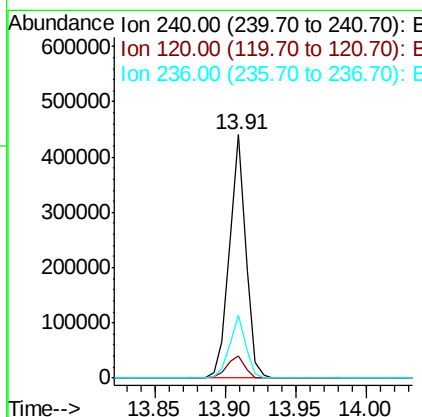
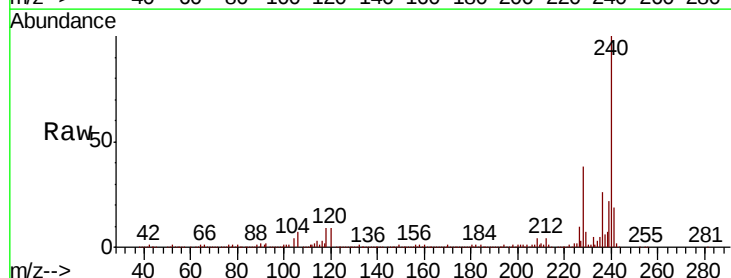
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.9	0.0	38.1

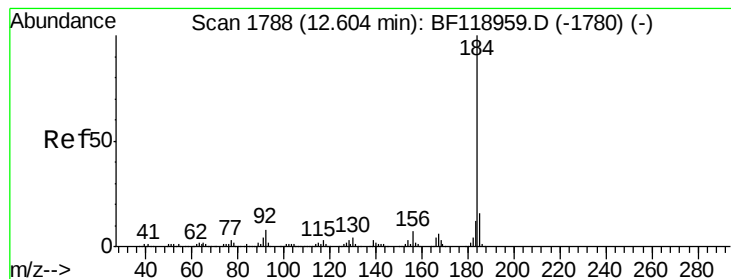


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion:240 Resp: 357928

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.9	13.3
236	26.0	20.6	30.8





#77

Benzidine

Concen: 22.577 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

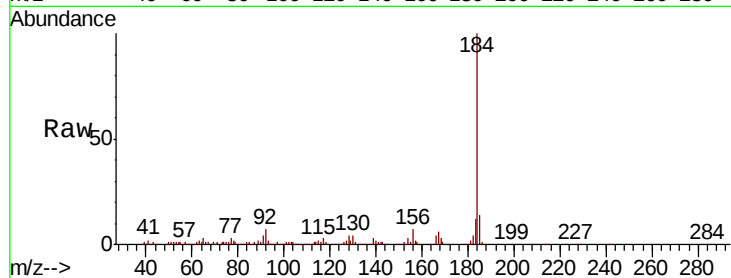
Tot Ion:184 Resp: 328651

Ion Ratio Lower Upper

184 100

185 14.4 12.6 19.0

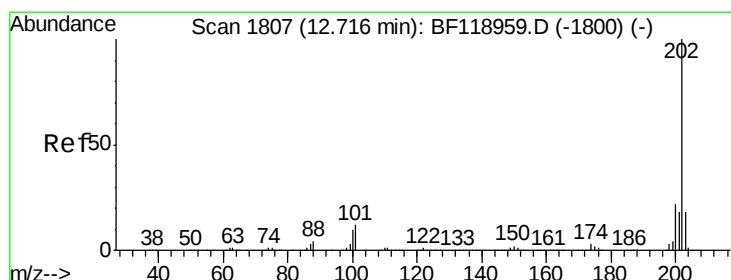
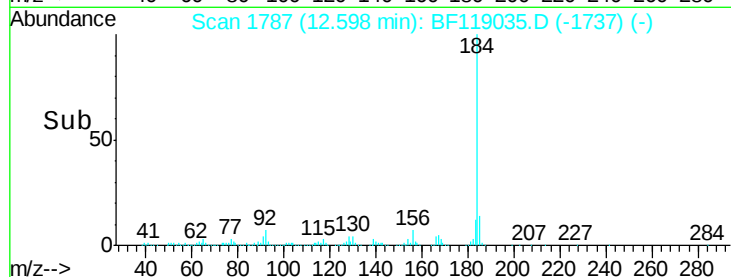
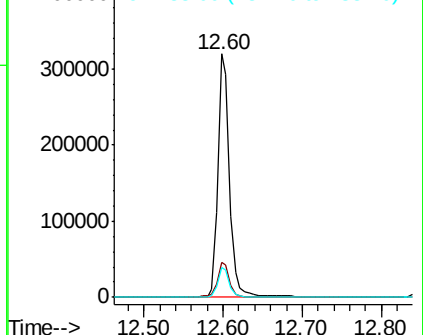
183 12.1 9.9 14.9



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: 45.920 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

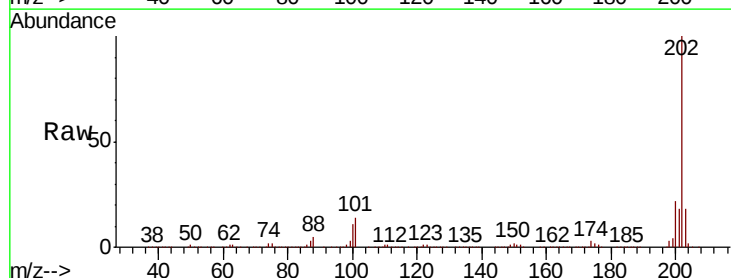
Tgt Ion:202 Resp: 1319801

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.0

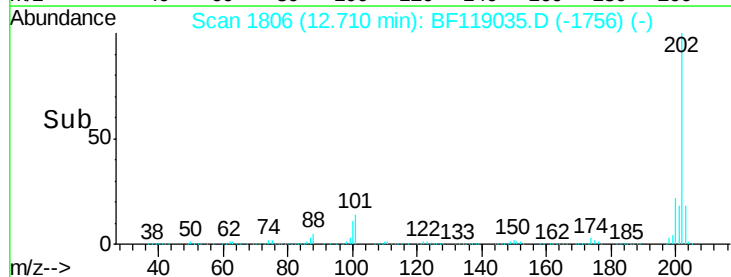
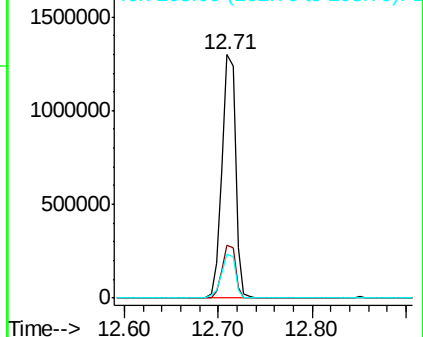
203 18.1 14.5 21.7



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: 79.956 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

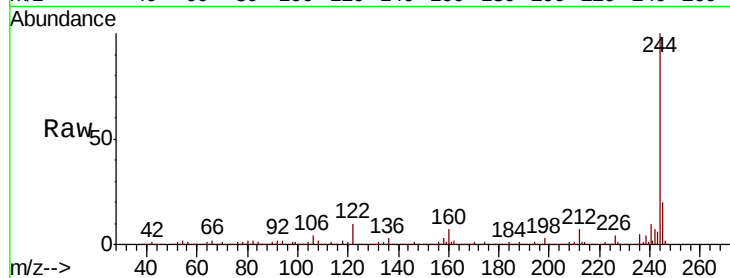
Tot Ion:244 Resp: 1662258

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

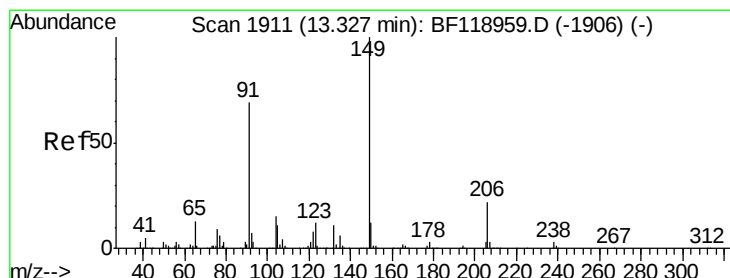
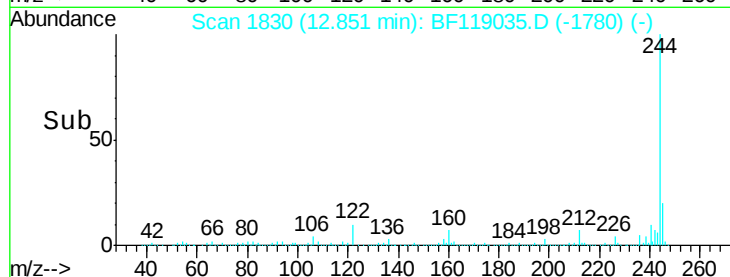
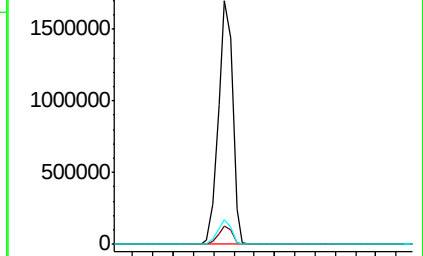
122 10.4 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.187 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

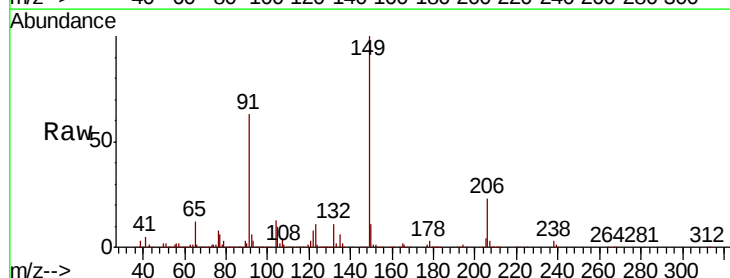
Tgt Ion:149 Resp: 570791

Ion Ratio Lower Upper

149 100

91 62.8 55.4 83.2

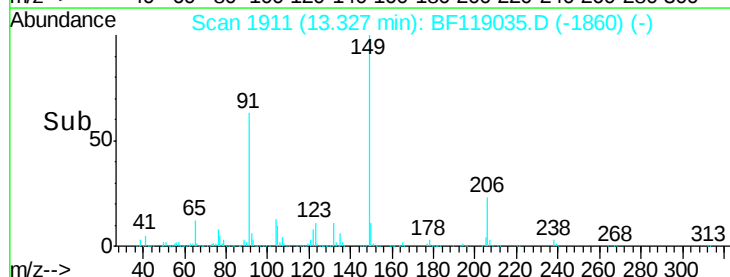
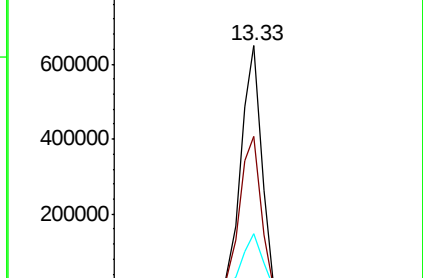
206 23.0 17.7 26.5

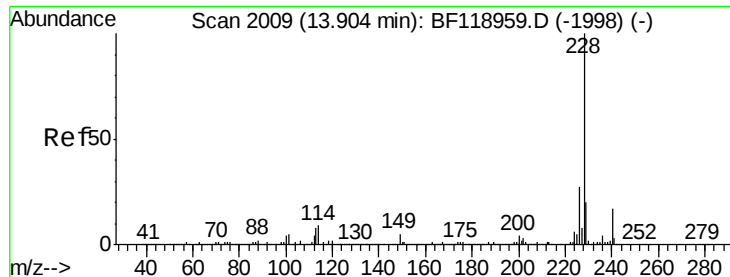


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.892 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

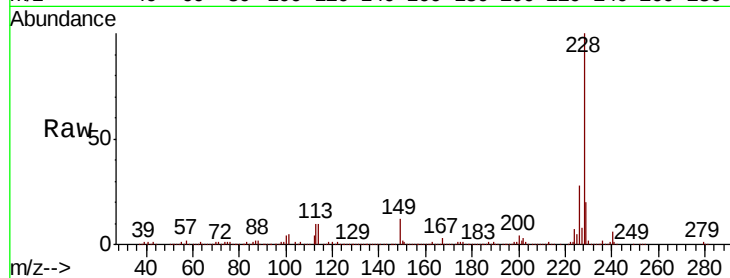
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1046057

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.0	16.0	24.0

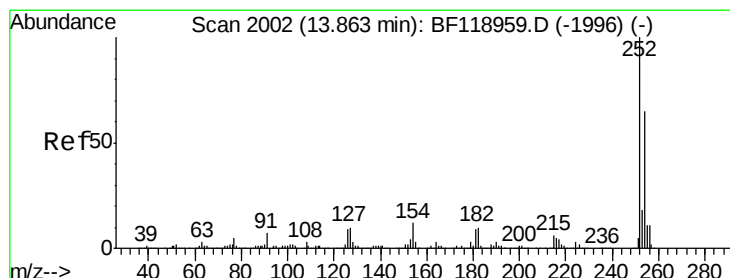
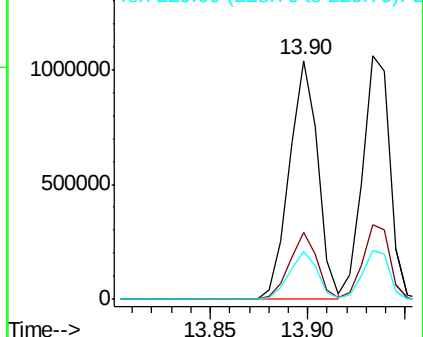
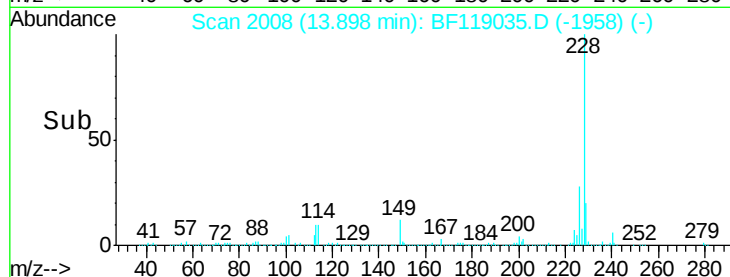


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.046 ng

RT: 13.86 min Scan# 2001

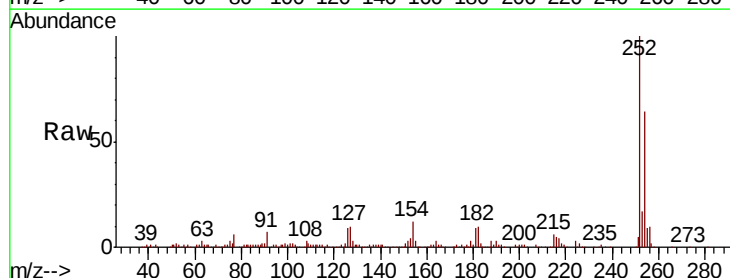
Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:252 Resp: 189837

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.1	78.1
126	9.3	7.3	10.9

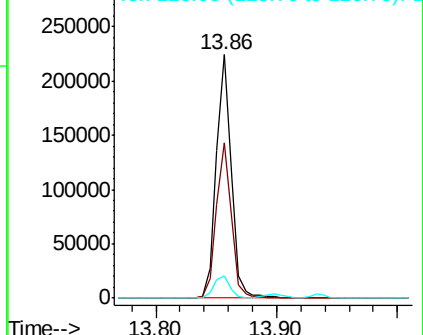
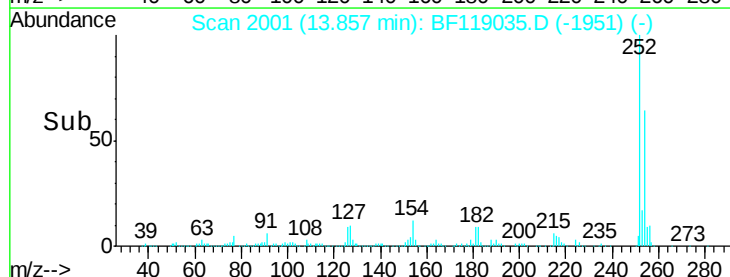


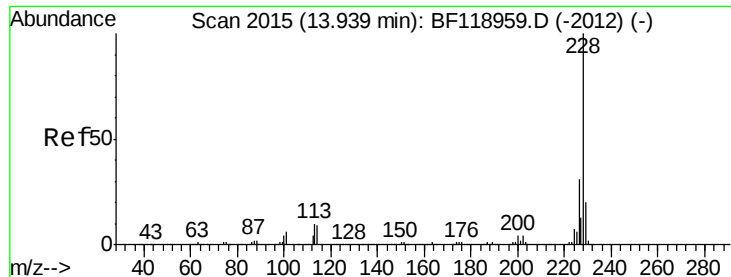
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

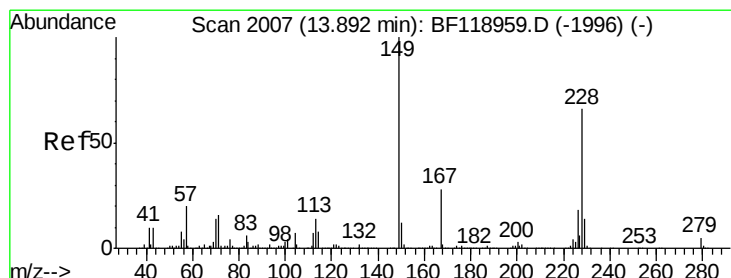
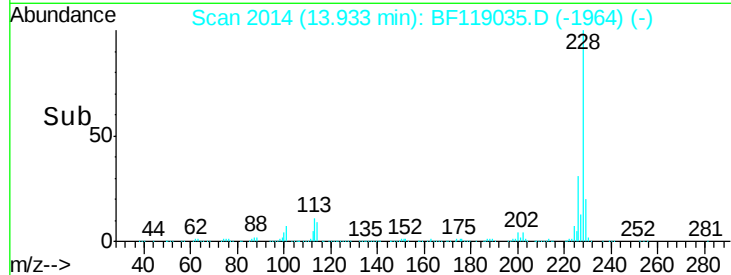
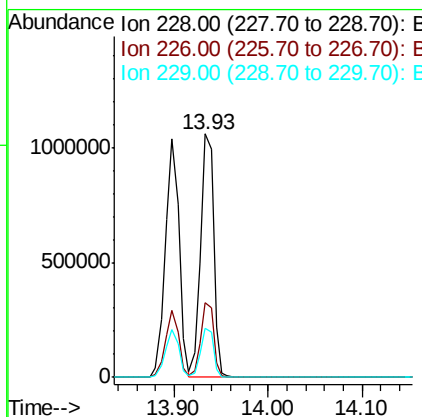
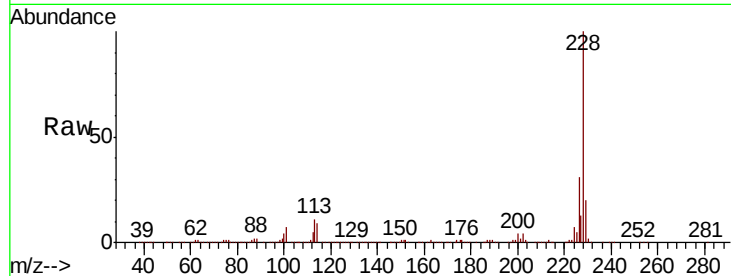




#83
 Chrvsene
 Concen: 42.332 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

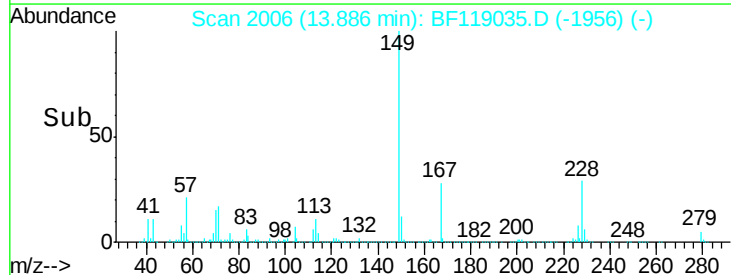
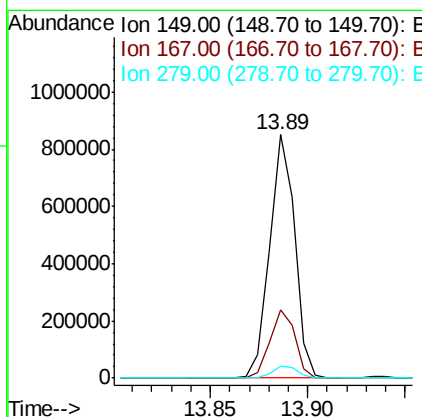
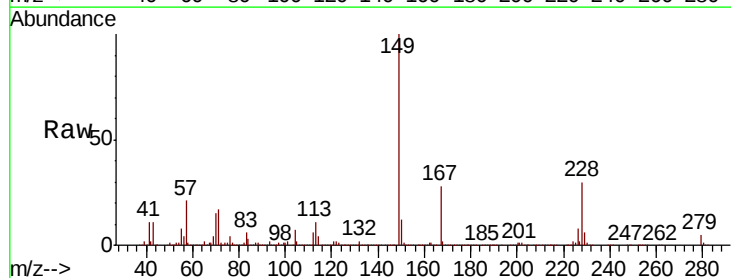
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1028681
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 37.0
 229 20.3 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.528 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion:149 Resp: 756894
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 49.101 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

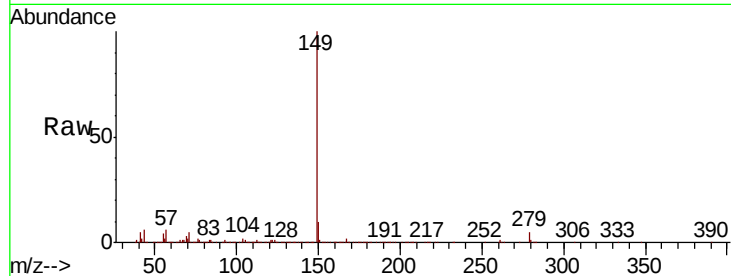
Tot Ion:149 Resp: 1195543

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

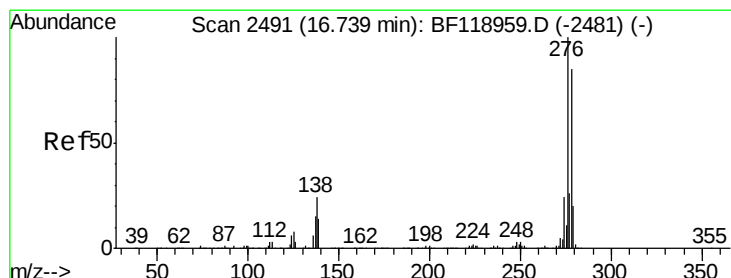
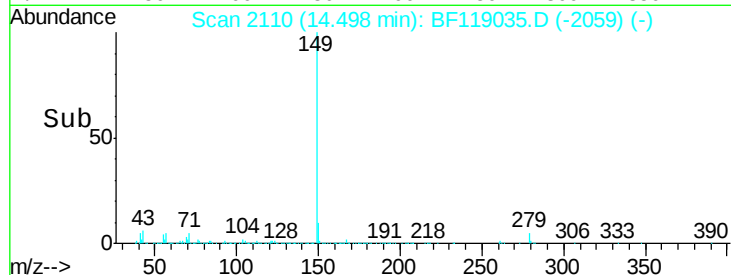
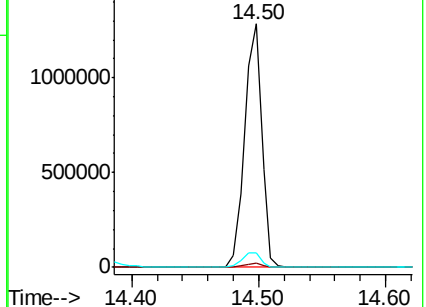
43 6.5 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.691 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

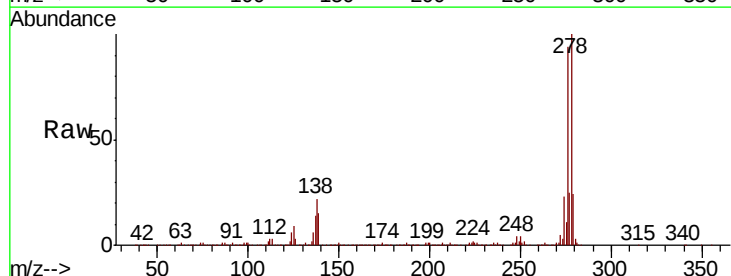
Tgt Ion:276 Resp: 1239807

Ion Ratio Lower Upper

276 100

138 22.0 18.7 28.1

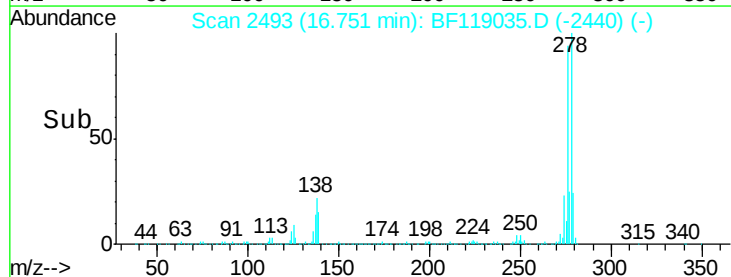
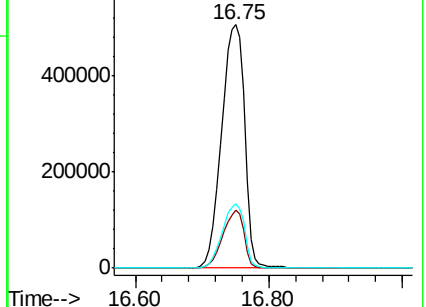
277 25.7 20.3 30.5

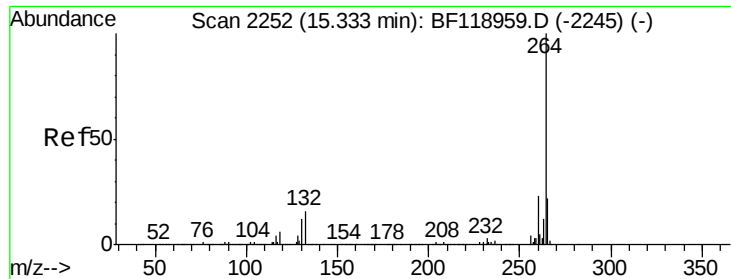


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



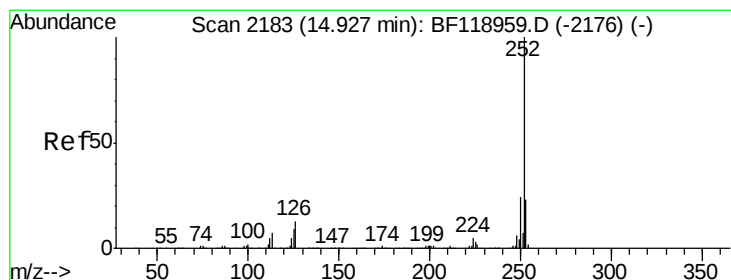
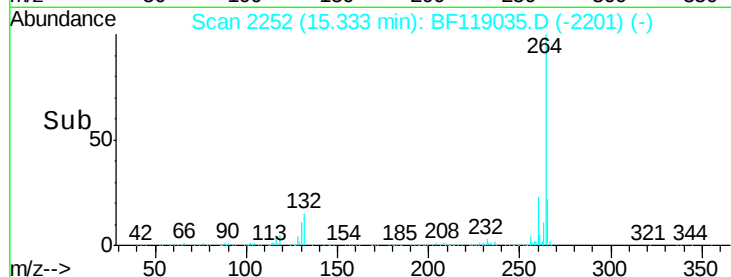
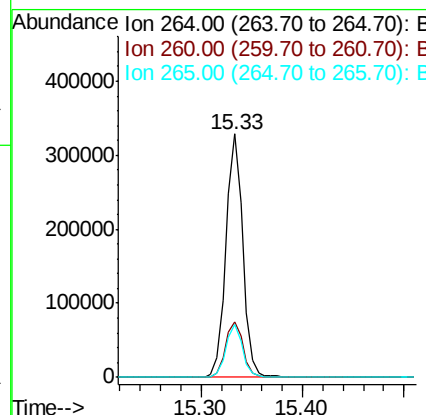
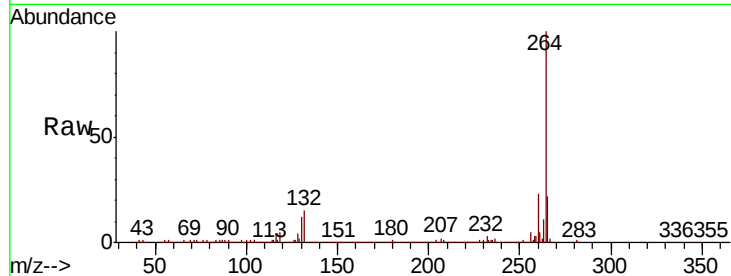


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 379291

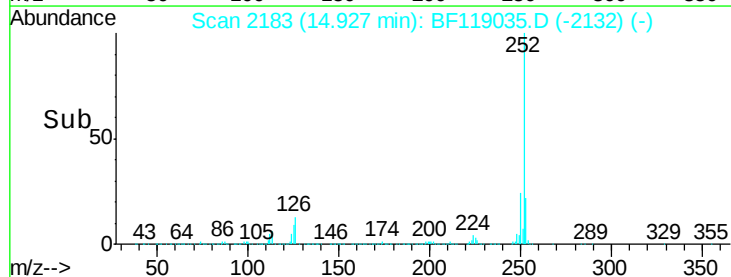
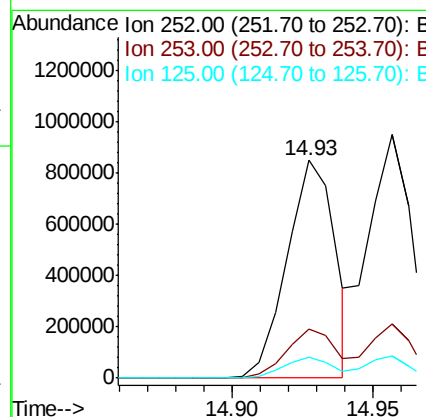
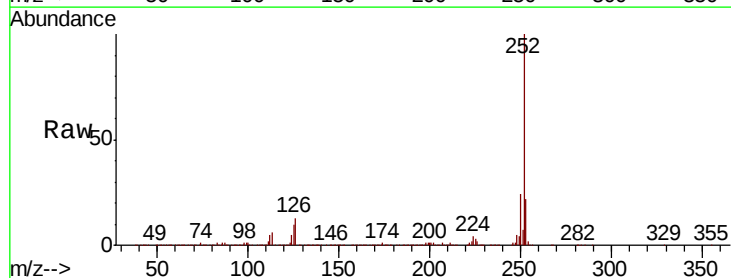
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.6	17.3	25.9

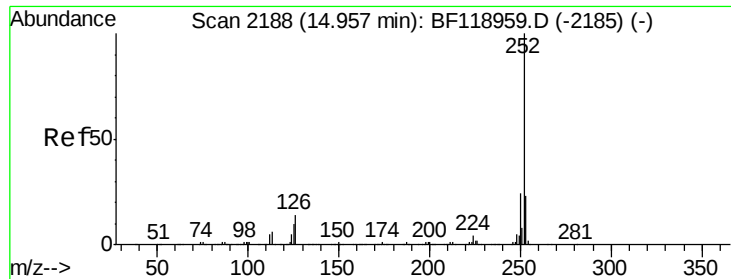


#88
Benzo(b)fluoranthene
Concen: 40.195 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:252 Resp: 1004905

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.5	7.4	11.0

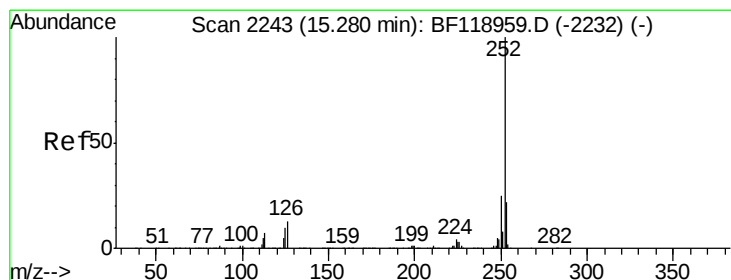
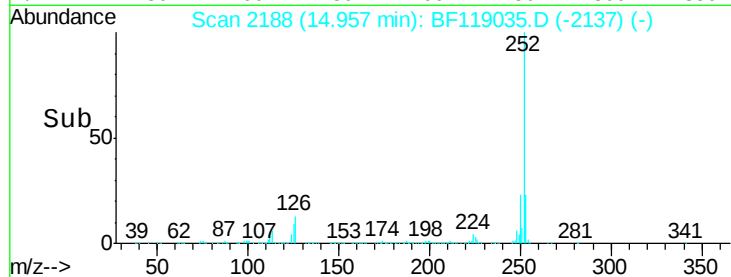
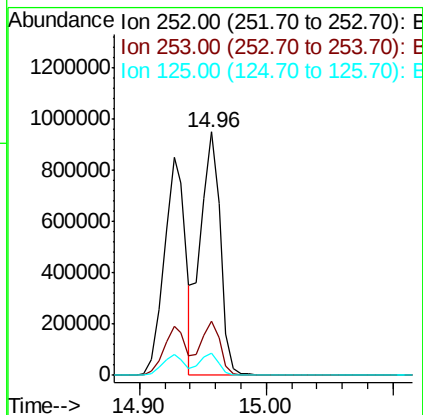
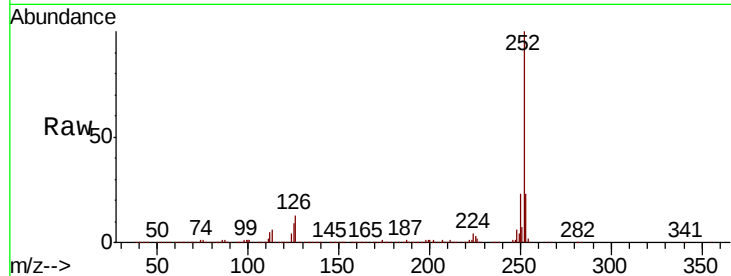




#89
Benzo(k)fluoranthene
Concen: 44.016 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

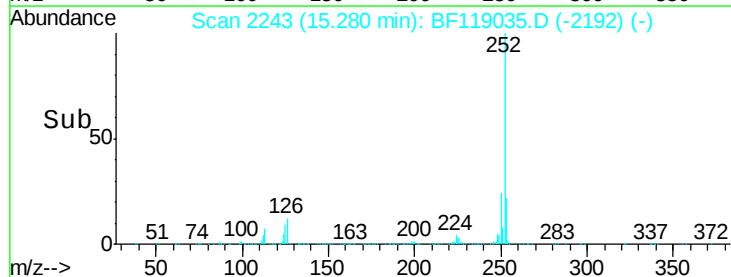
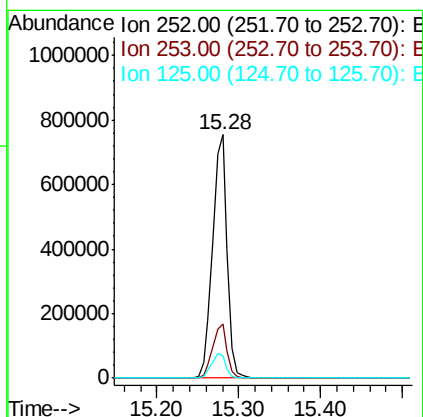
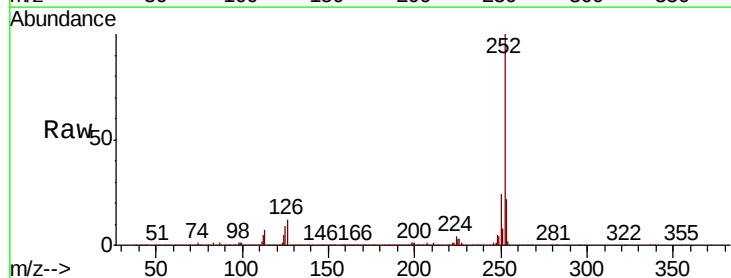
Instrument :
BNA_F
ClientSampleId :

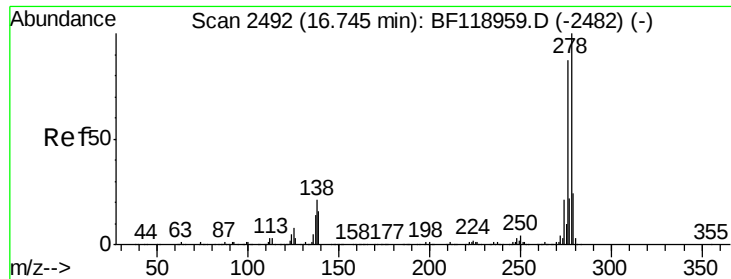
Tot Ion:252 Resp: 1019785
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 41.426 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:252 Resp: 934724
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.3 7.8 11.6

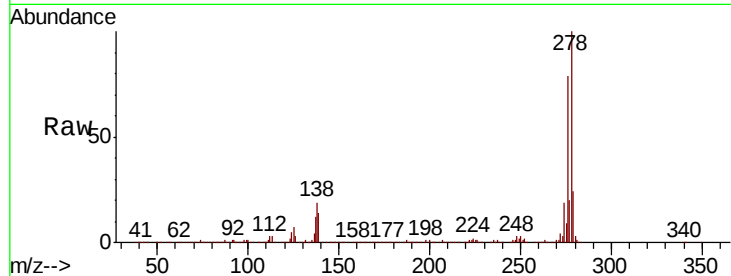




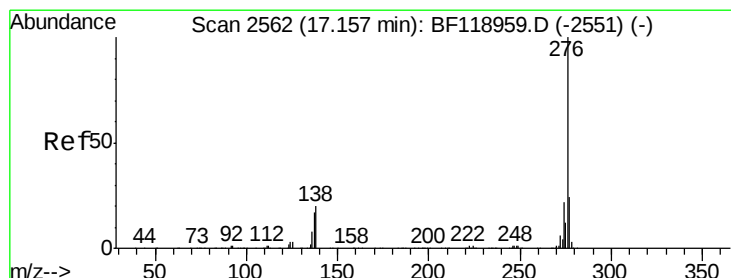
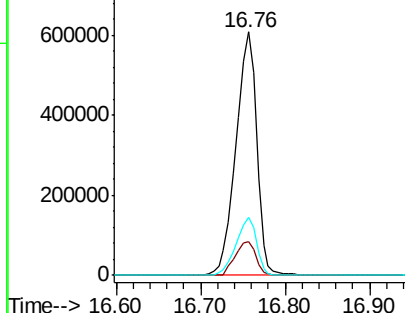
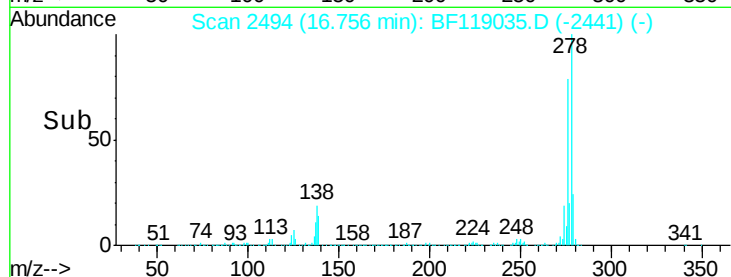
#91
Dibenzo(a,h)anthracene
Concen: 51.744 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1027298
Ion Ratio Lower Upper
278 100
139 14.0 12.6 18.8
279 23.8 19.0 28.6

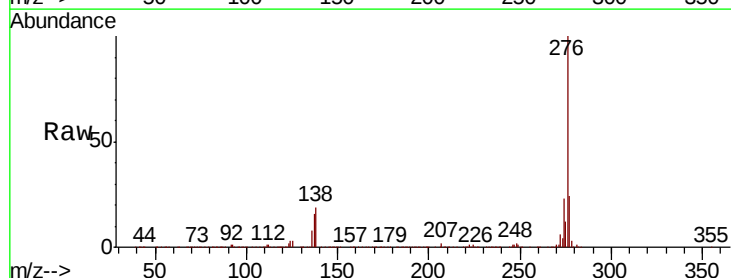


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.510 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:276 Resp: 1069280
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 18.8 16.2 24.4



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

