

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119190.D
 Acq On : 4 Mar 2020 12:57
 Operator : CG/JU
 Sample : L1744-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 13:46:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	139359	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	533029	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	296885	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	536184	20.00	ng	0.00
76) Chrysene-d12	13.90	240	314566	20.00	ng	0.00
87) Perylene-d12	15.33	264	287059	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	788823	94.59	ng	0.00
7) Phenol-d6	6.39	99	941156	92.80	ng	-0.01
23) Nitrobenzene-d5	7.30	82	631346	62.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	340413	87.65	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1259353	62.49	ng	-0.01
79) Terphenyl-d14	12.84	244	1455255	79.65	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	123884	33.367	ng	97
3) Pyridine	3.23	79	298968	29.485	ng	99
4) n-Nitrosodimethylamine	3.17	42	128910	41.968	ng	96
6) Aniline	6.40	93	357718	28.585	ng	99
8) 2-Chlorophenol	6.53	128	405982	45.112	ng	98
9) Benzaldehyde	6.29	77	309928	45.740	ng	96
10) Phenol	6.40	94	466132	42.511	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	357544	42.616	ng	98
12) 1,3-Dichlorobenzene	6.68	146	439238	40.722	ng	97
13) 1,4-Dichlorobenzene	6.76	146	443738	41.111	ng	99
14) 1,2-Dichlorobenzene	6.91	146	411045	41.756	ng	99
15) Benzyl Alcohol	6.89	79	332309	45.337	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	292127	40.195	ng	# 40
17) 2-Methylphenol	7.01	107	320199	43.885	ng	96
18) Hexachloroethane	7.25	117	159184	41.222	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	269244	45.561	ng	99
20) 3+4-Methylphenols	7.16	107	412072	46.099	ng	94
22) Acetophenone	7.15	105	535791	43.444	ng	# 96
24) Nitrobenzene	7.33	77	415342	41.604	ng	99
25) Isophorone	7.57	82	748229	42.677	ng	100
26) 2-Nitrophenol	7.65	139	224771	42.493	ng	97
27) 2,4-Dimethylphenol	7.69	122	342823	47.754	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	459656	40.279	ng	99
29) 2,4-Dichlorophenol	7.89	162	352652	41.728	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	388746	38.796	ng	99
31) Naphthalene	8.05	128	1149193	41.571	ng	99
32) Benzoic acid	7.85	122	179327	36.150	ng	99
33) 4-Chloroaniline	8.10	127	192103	16.157	ng	97
34) Hexachlorobutadiene	8.16	225	240339	38.506	ng	99
35) Caprolactam	8.48	113	65136	25.030	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	371464	43.430	ng	99
37) 2-Methylnaphthalene	8.73	142	797338	42.860	ng	99
38) 1-Methylnaphthalene	8.83	142	747630	42.732	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	398660	39.827	ng	99

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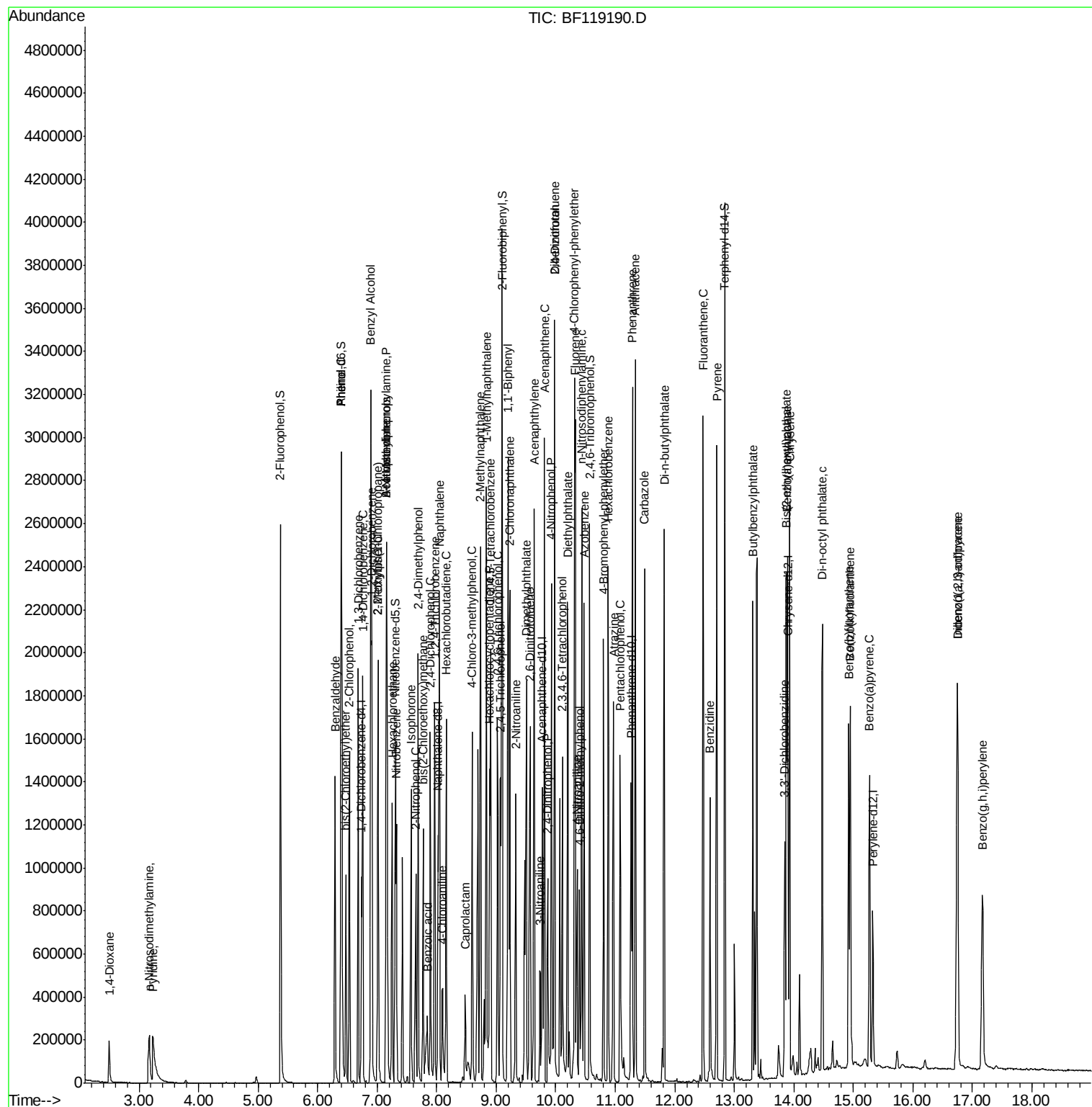
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	201345	58.166	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	245977	38.914	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	258693	39.000	ng	98
46) 1,1'-Biphenyl	9.20	154	960122	40.014	ng	98
47) 2-Chloronaphthalene	9.23	162	768815	39.761	ng	97
48) 2-Nitroaniline	9.33	65	212215	39.349	ng	97
49) Acenaphthylene	9.64	152	1170509	41.914	ng	99
50) Dimethylphthalate	9.50	163	1047765	46.153	ng	99
51) 2,6-Dinitrotoluene	9.57	165	206661	40.973	ng	# 85
52) Acenaphthene	9.81	154	687728	40.840	ng	99
53) 3-Nitroaniline	9.74	138	100744	18.017	ng	98
54) 2,4-Dinitrophenol	9.86	184	167357	69.366	ng	93
55) Dibenzofuran	9.99	168	1030545	41.001	ng	97
56) 4-Nitrophenol	9.93	139	183977	54.762	ng	93
57) 2,4-Dinitrotoluene	9.98	165	259130	39.636	ng	96
58) Fluorene	10.33	166	823084	42.143	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	222667	39.784	ng	98
60) Diethylphthalate	10.20	149	900543	42.093	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	432199	41.807	ng	97
62) 4-Nitroaniline	10.36	138	191042	33.394	ng	96
63) Azobenzene	10.47	77	798808	42.956	ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	141771	43.696	ng	96
66) n-Nitrosodiphenylamine	10.44	169	746168	42.501	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	289173	41.260	ng	96
68) Hexachlorobenzene	10.88	284	324925	40.211	ng	97
69) Atrazine	10.97	200	249562	40.684	ng	97
70) Pentachlorophenol	11.08	266	237851	73.071	ng	99
71) Phenanthrene	11.29	178	1195819	40.895	ng	98
72) Anthracene	11.34	178	1252081	42.855	ng	99
73) Carbazole	11.49	167	1054775	40.524	ng	98
74) Di-n-butylphthalate	11.82	149	1383062	43.878	ng	98
75) Fluoranthene	12.47	202	1227937	39.562	ng	99
77) Benzidine	12.59	184	520083	40.653	ng	98
78) Pyrene	12.70	202	1207585	47.808	ng	98
80) Butylbenzylphthalate	13.31	149	532377	50.078	ng	96
81) Benzo(a)anthracene	13.89	228	918350	42.847	ng	98
82) 3,3'-Dichlorobenzidine	13.85	252	241076	28.966	ng	98
83) Chrysene	13.93	228	874993	40.971	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	727789	54.189	ng	100
85) Di-n-octyl phthalate	14.48	149	1091781	51.020	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	904617	43.745	ng	100
88) Benzo(b)fluoranthene	14.92	252	770595	40.726	ng	100
89) Benzo(k)fluoranthene	14.94	252	738929	42.141	ng	99
90) Benzo(a)pyrene	15.27	252	689208	40.359	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	764785	50.898	ng	99
92) Benzo(g,h,i)perylene	17.17	276	760472	51.223	ng	99

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

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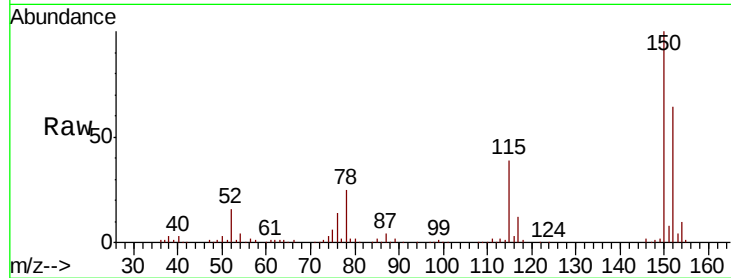


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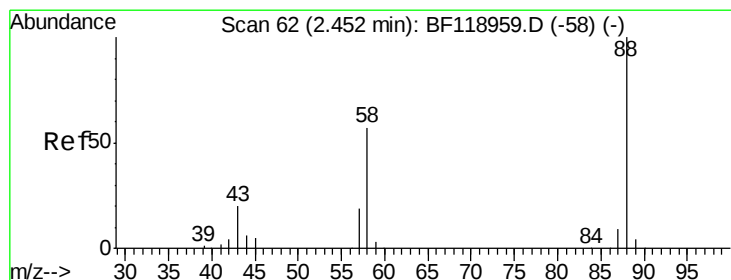
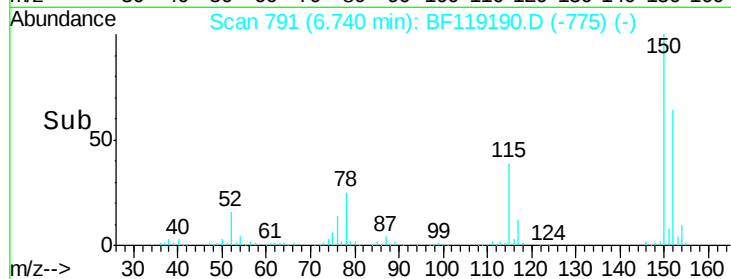
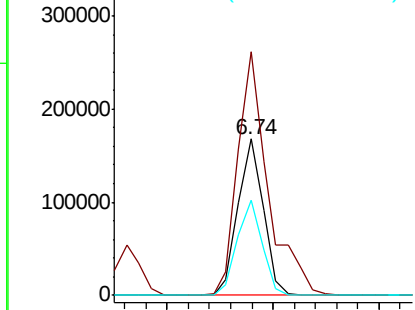
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.0	184.6
115	60.8	49.5	74.3



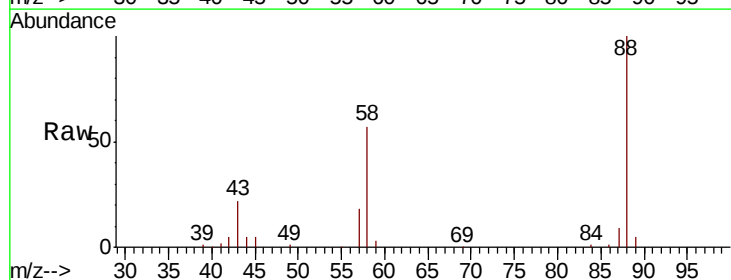
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



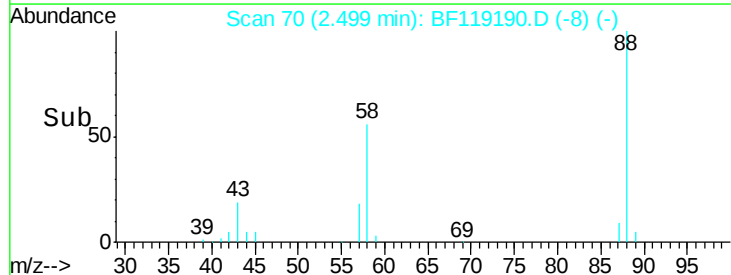
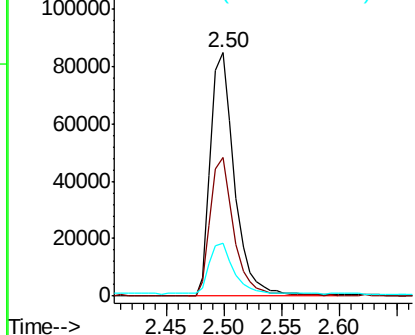
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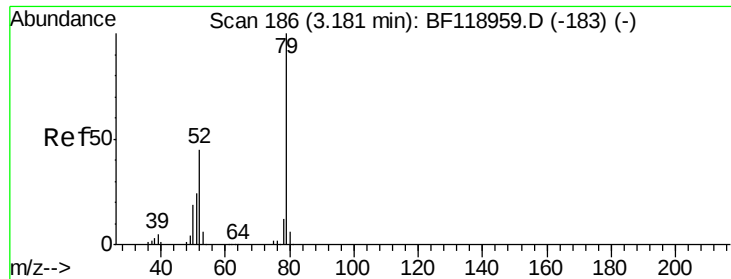
1,4-Dioxane
Concen: 33.367 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.0	43.8	65.6
43	21.6	16.2	24.4



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

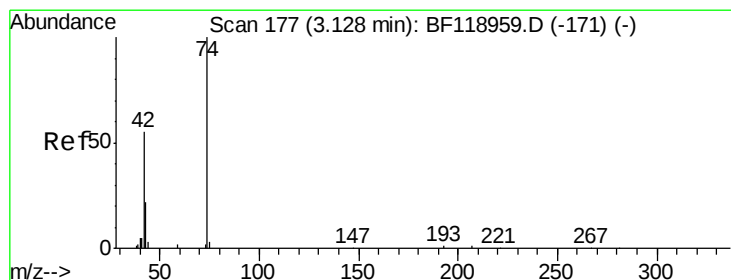
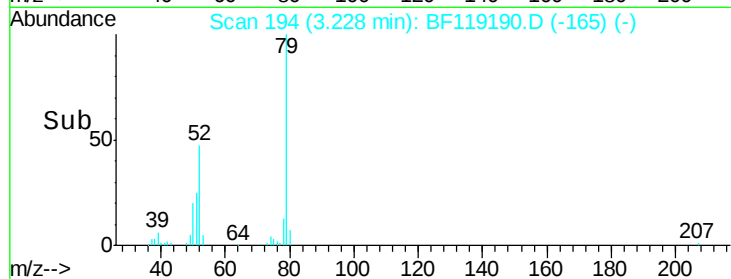
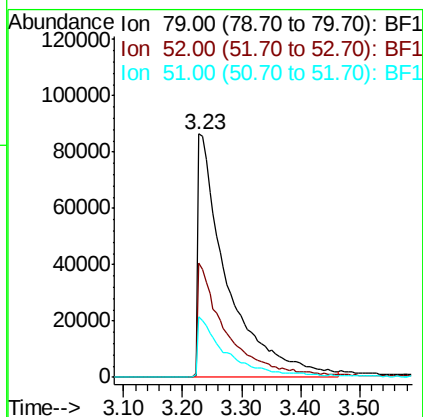
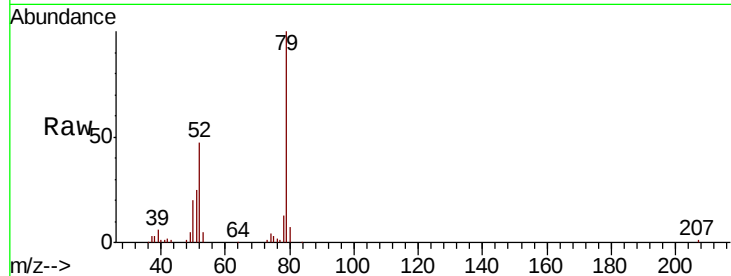




#3
 Pvridine
 Concen: 29.485 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.07 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

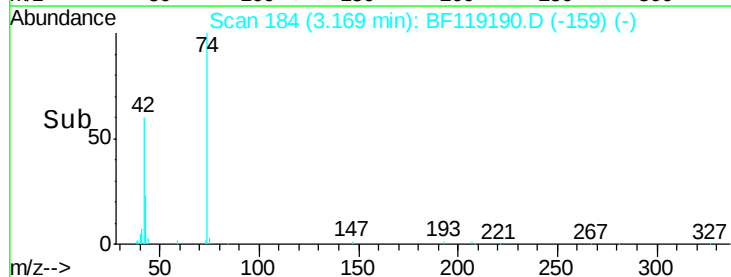
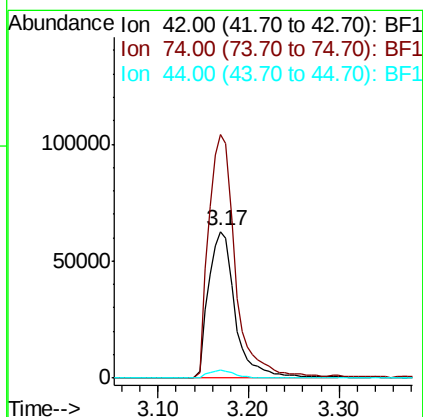
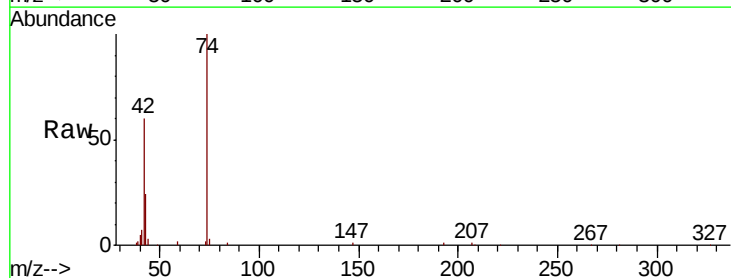
Instrument :
 BNA_F
 ClientSampled :

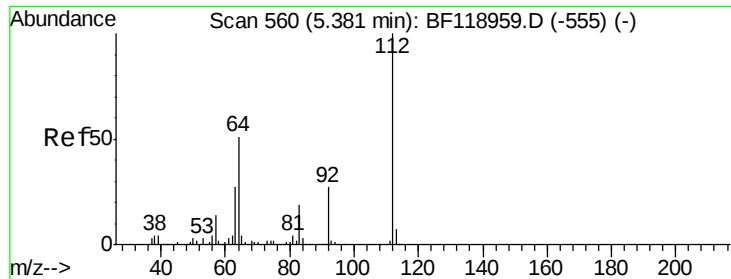
Tot Ion	Ratio	Lower	Upper
79	100		
52	47.0	37.4	56.0
51	25.1	19.8	29.6



#4
 n-Nitrosodimethylamine
 Concen: 41.968 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.05 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.0	137.7	206.5
44	5.6	4.5	6.7





#5

2-Fluorophenol

Concen: 94.595 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

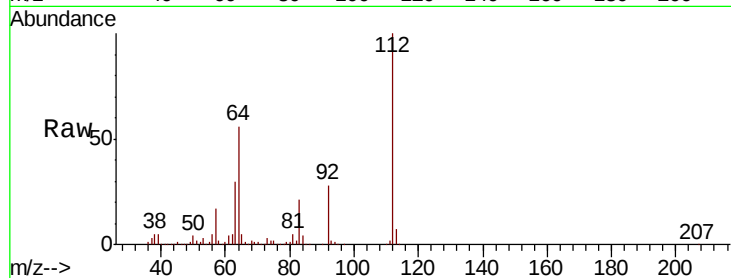
Tot Ion:112 Resp: 788823

Ion Ratio Lower Upper

112 100

64 56.2 45.0 67.4

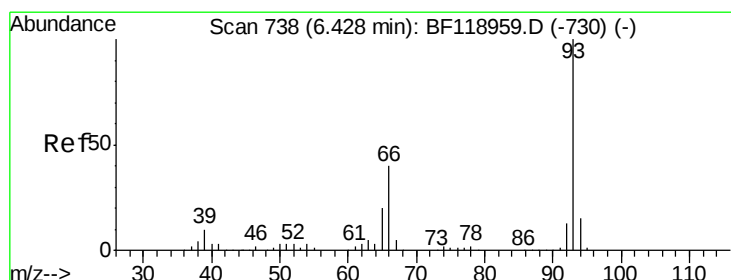
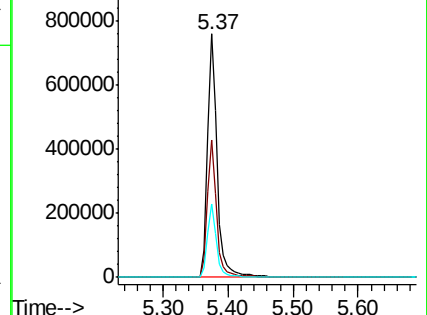
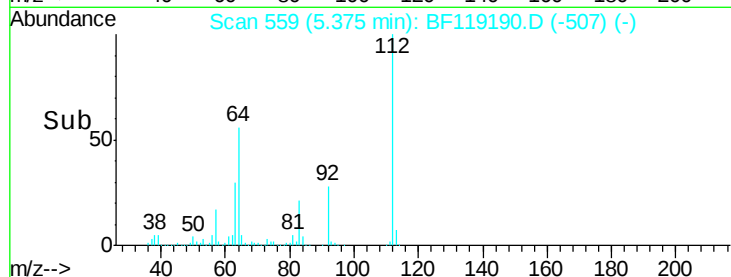
63 30.2 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.585 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

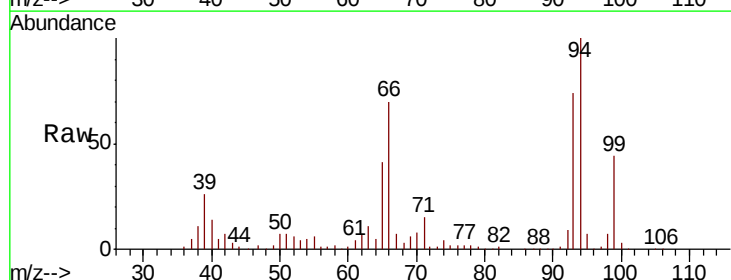
Tgt Ion: 93 Resp: 357718

Ion Ratio Lower Upper

93 100

66 94.7 74.5 111.7

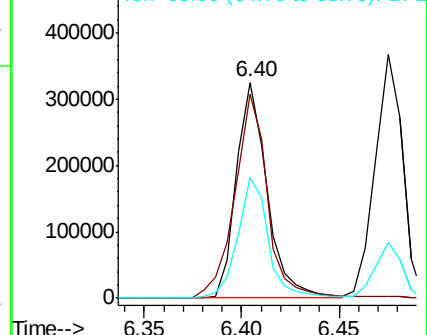
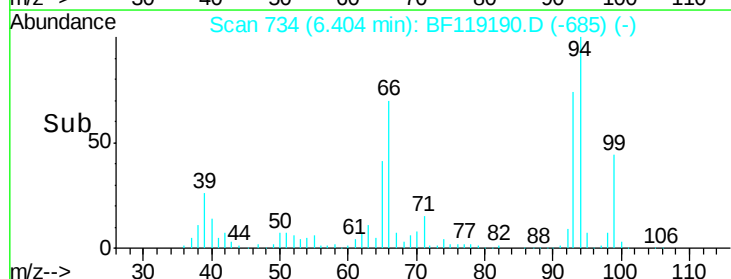
65 56.1 45.3 67.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.800 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

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ClientSampleId :

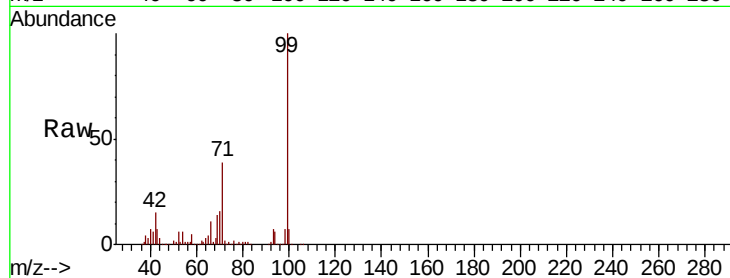
Tot Ion: 99 Resp: 941156

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

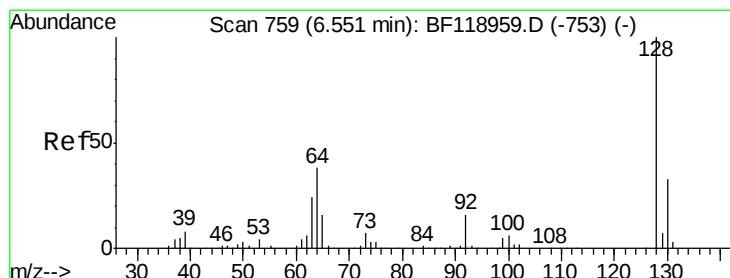
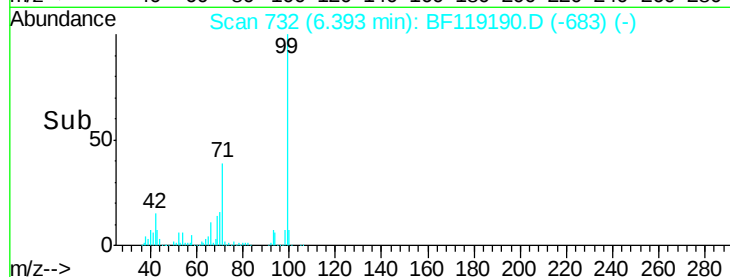
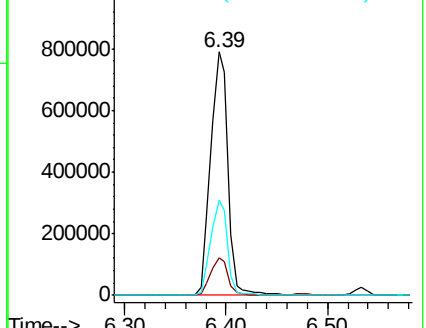
71 38.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.112 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

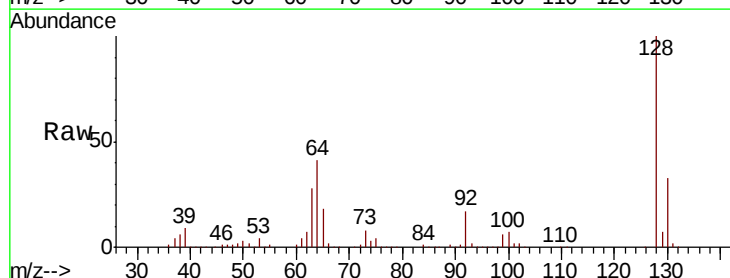
Tgt Ion:128 Resp: 405982

Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

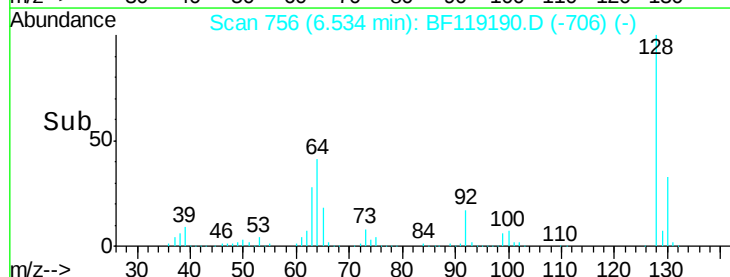
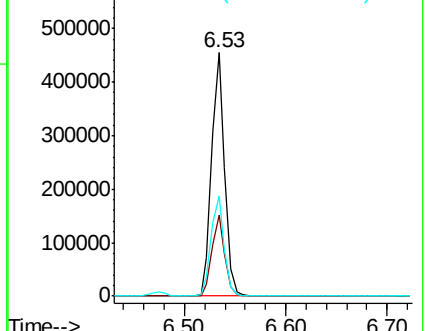
64 41.0 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.740 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119190.D

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BNA_F

ClientSampled :

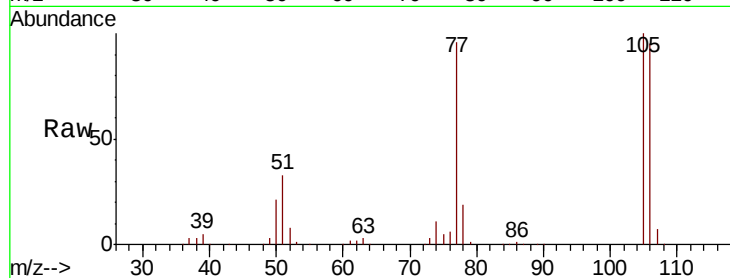
Tot Ion: 77 Resp: 309928

Ion Ratio Lower Upper

77 100

105 104.3 80.1 120.1

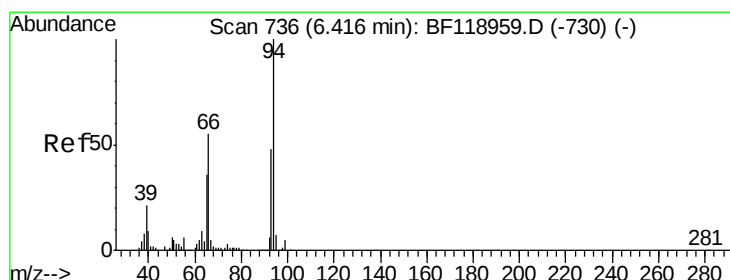
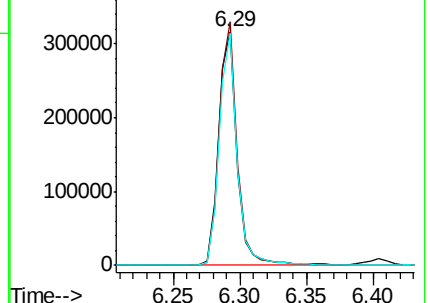
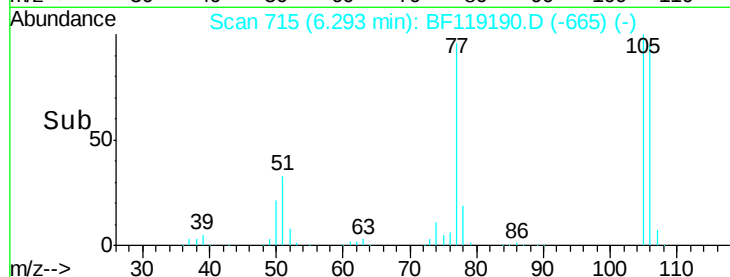
106 99.3 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.511 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

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Acq: 4 Mar 2020 12:57

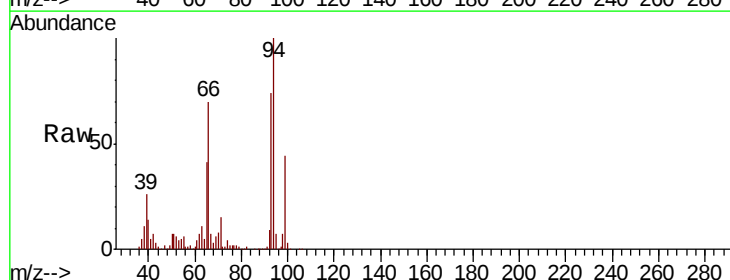
Tgt Ion: 94 Resp: 466132

Ion Ratio Lower Upper

94 100

65 41.3 19.2 59.2

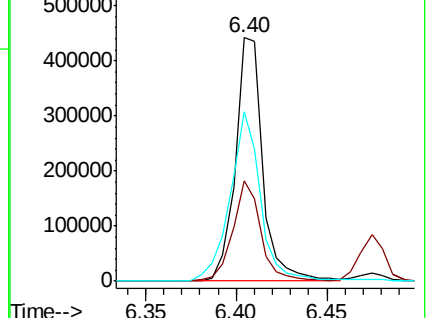
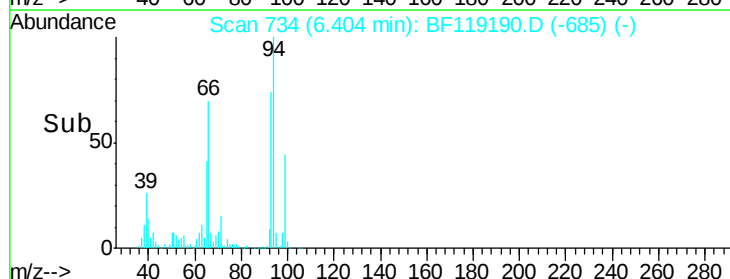
66 69.7 44.4 84.4

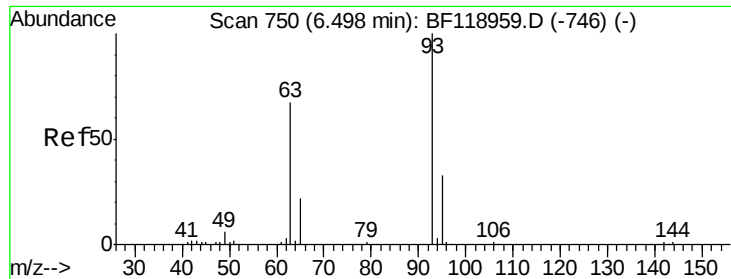


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

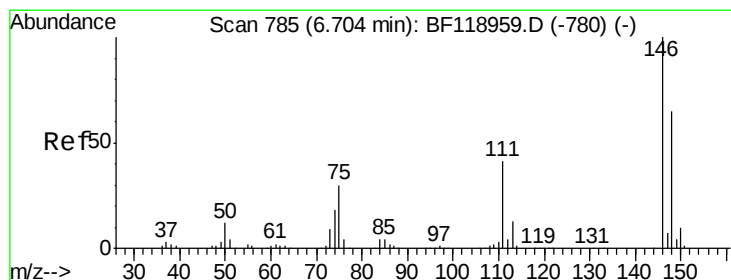
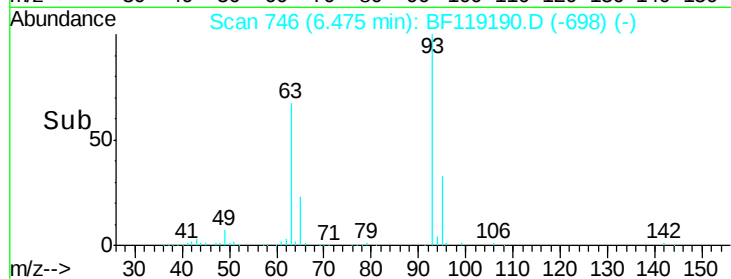
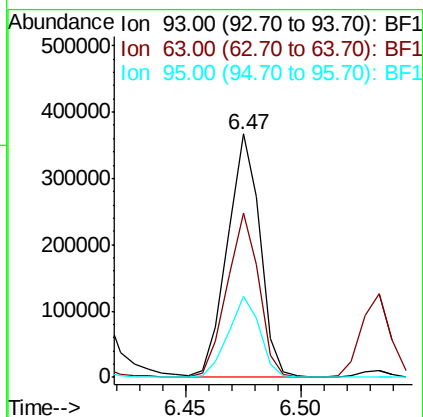
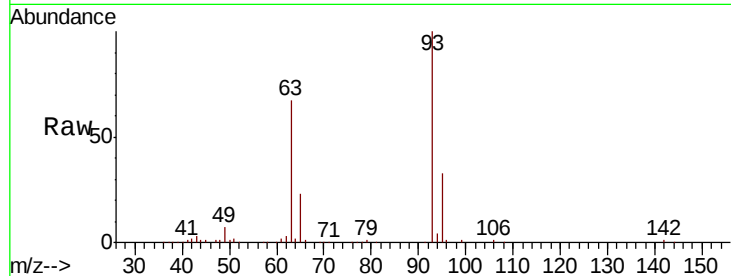




#11
 bis(2-Chloroethyl)ether
 Concen: 42.616 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

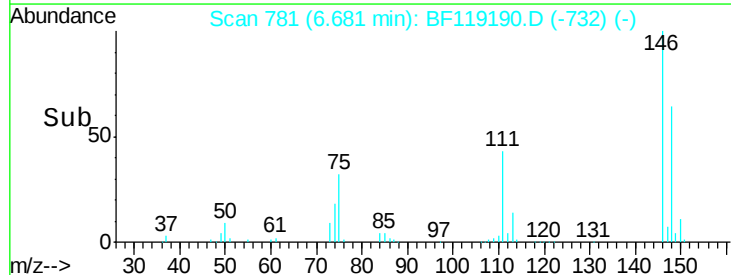
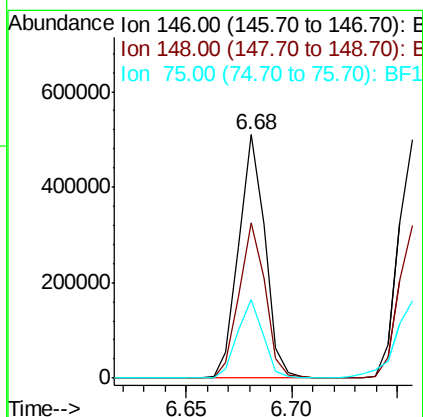
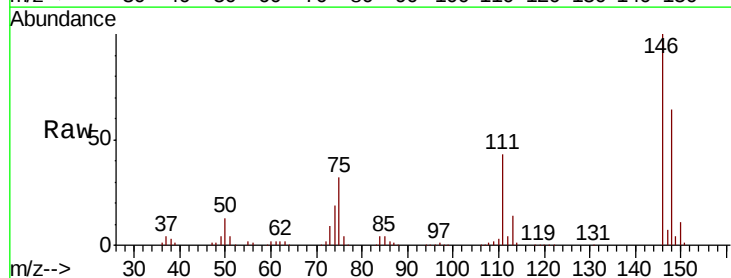
Instrument :
 BNA_F
 ClientSampleId :

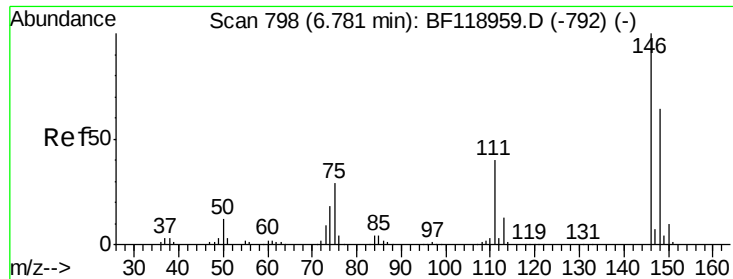
Tot Ion	93	Resp	357544
Ion Ratio	Lower	Upper	
93	100		
63	67.3	45.4	85.4
95	33.4	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 40.722 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	146	Resp	439238
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.5	78.7
75	32.0	23.6	35.4

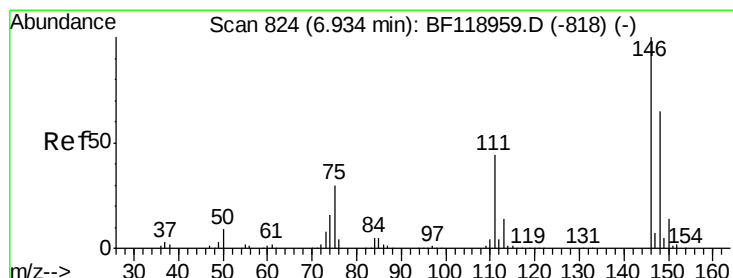
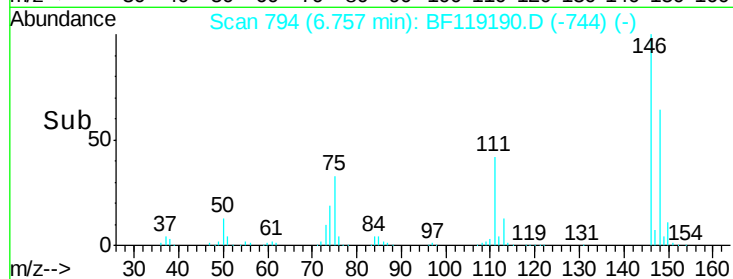
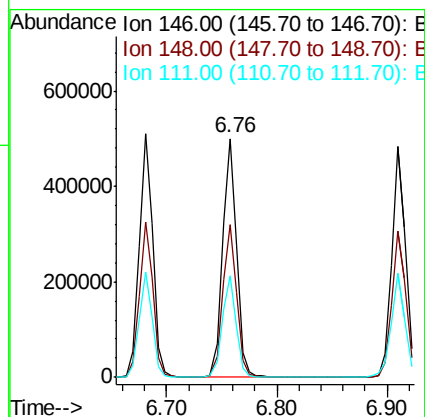
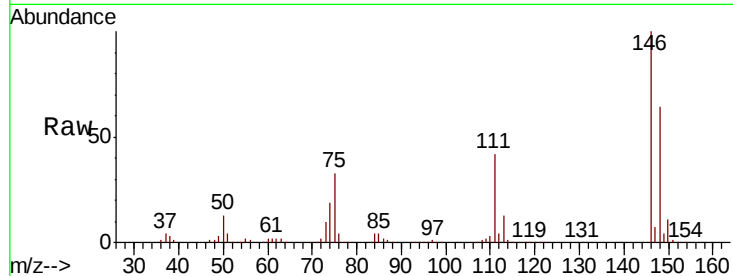




#13
 1,4-Dichlorobenzene
 Concen: 41.111 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

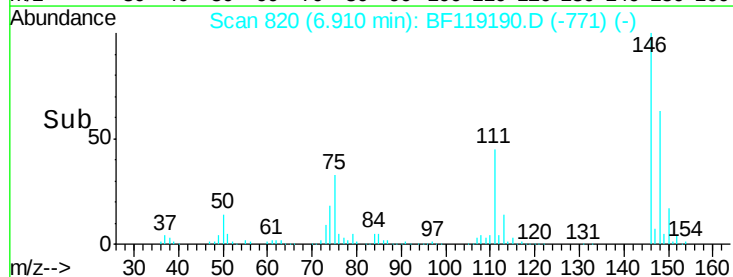
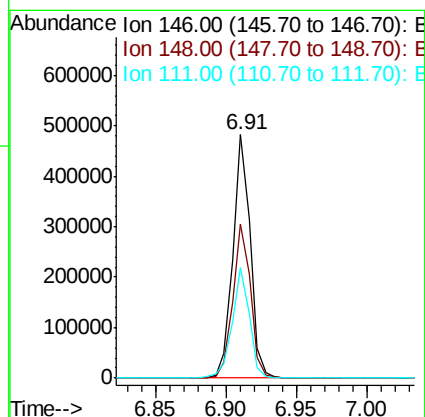
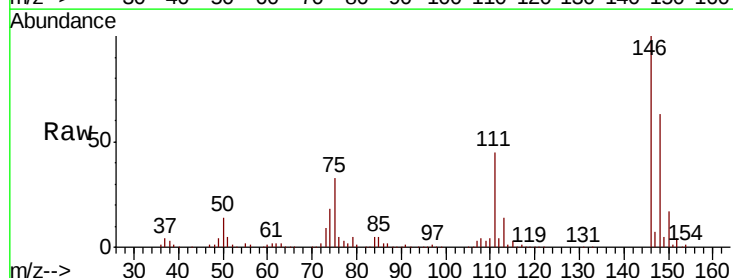
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 443738
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 42.4 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 41.756 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:146 Resp: 411045
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 45.2 36.2 54.2

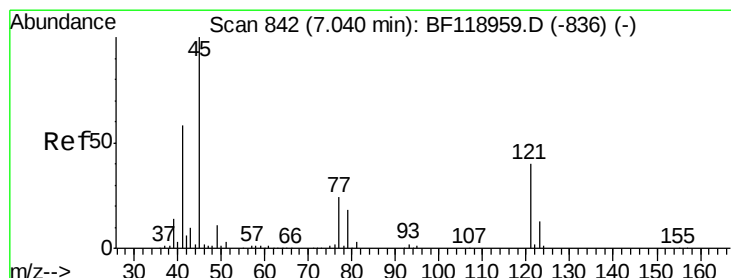
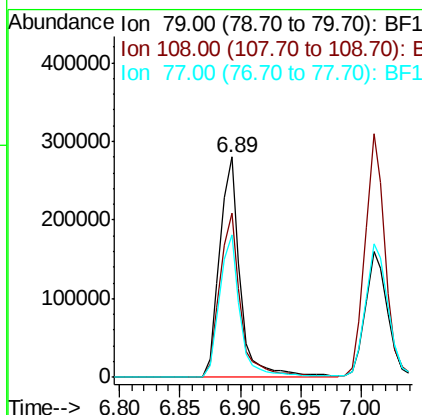
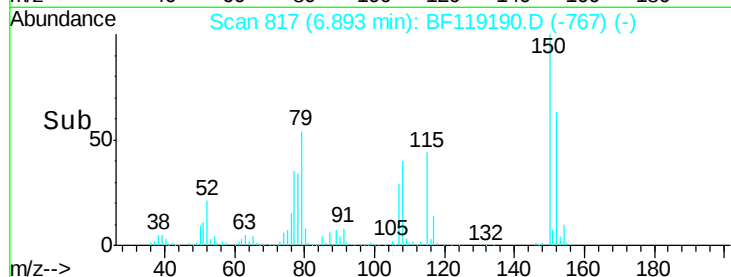
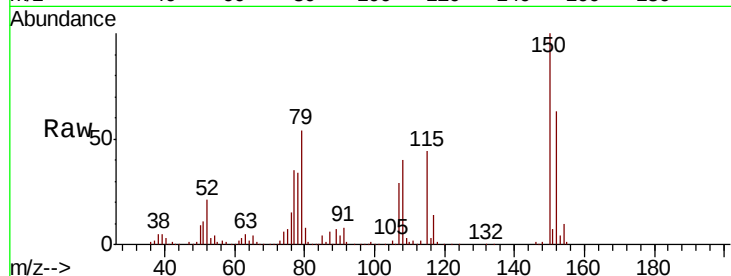




#15
Benzyl Alcohol
Concen: 45.337 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

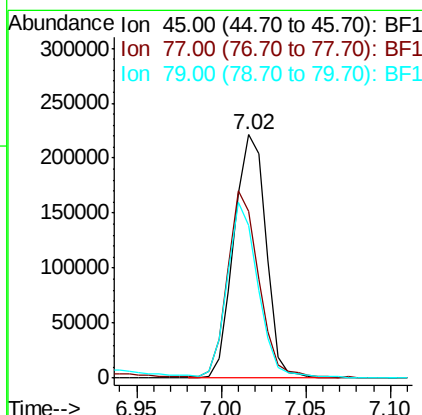
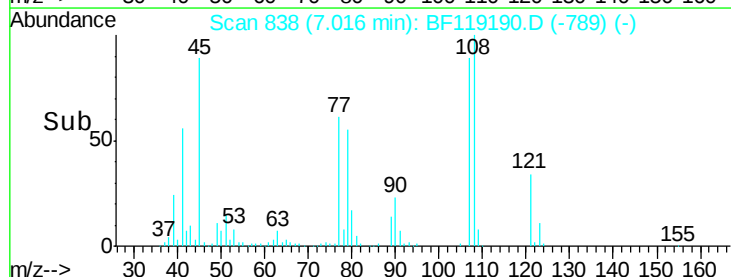
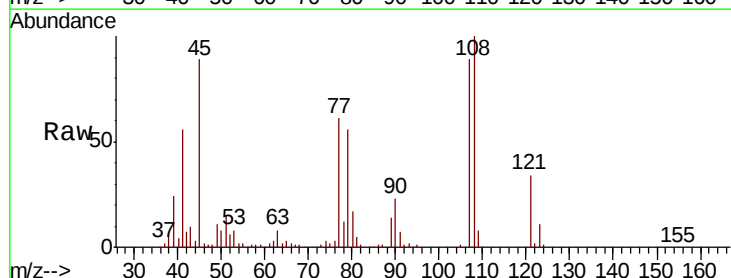
Instrument :
BNA_F
ClientSampled :

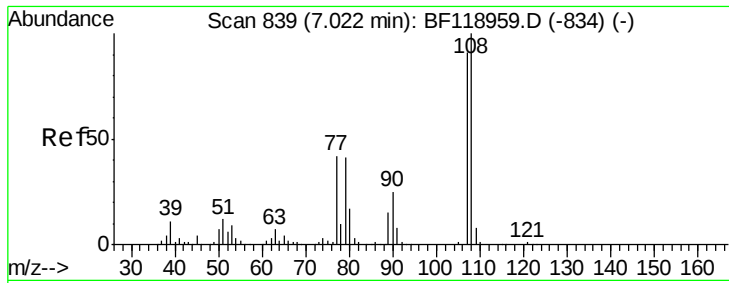
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	58.2	87.2
77	64.8	51.2	76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.195 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	68.6	15.0	55.0#
79	62.5	9.4	49.4#

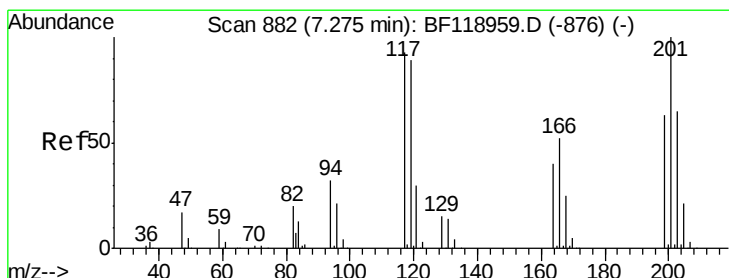
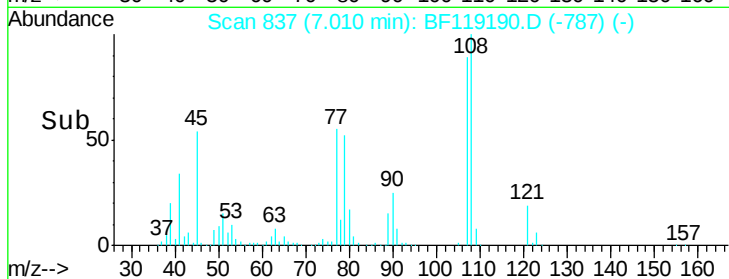
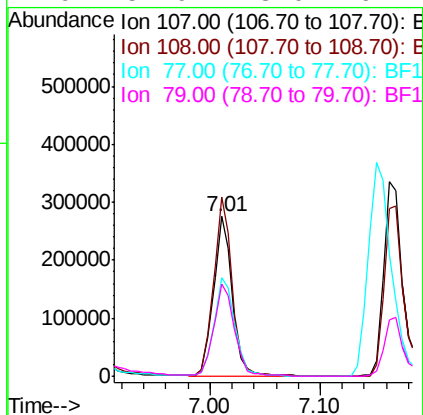
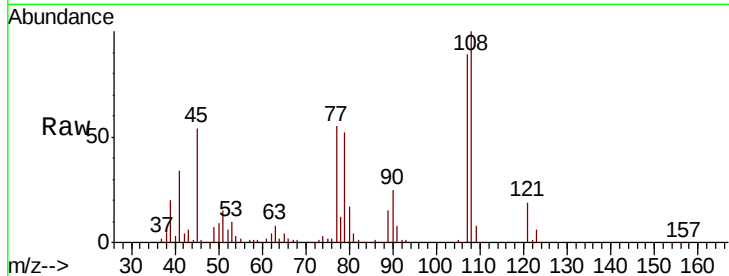




#17
2-Methylphenol
Concen: 43.885 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

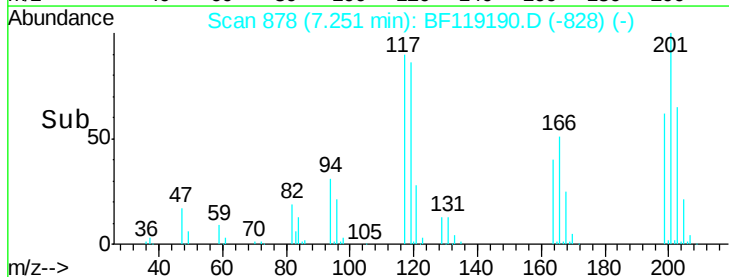
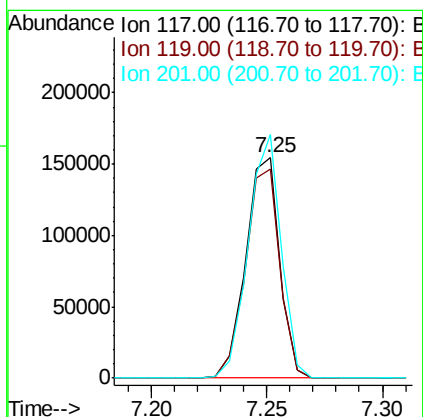
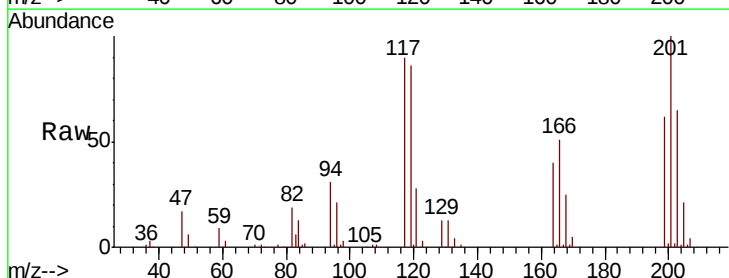
Instrument :
BNA_F
ClientSampleId :

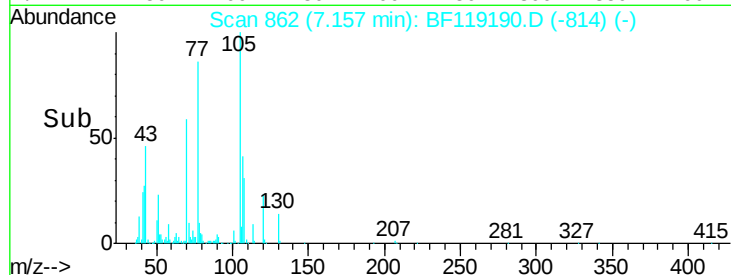
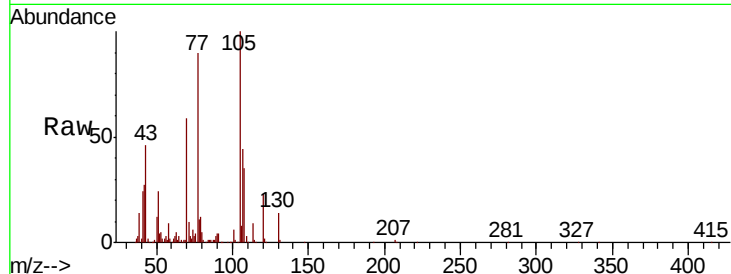
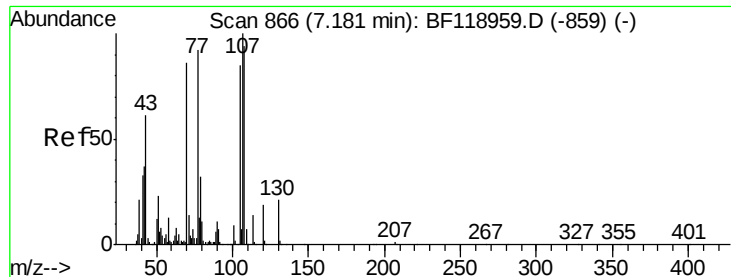
Tot Ion:	107	Resp:	320199
Ion	Ratio	Lower	Upper
107	100		
108	112.3	87.9	131.9
77	61.9	45.3	67.9
79	57.9	43.0	64.4



#18
Hexachloroethane
Concen: 41.222 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:	117	Resp:	159184
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.5	116.3
201	110.6	82.6	123.8

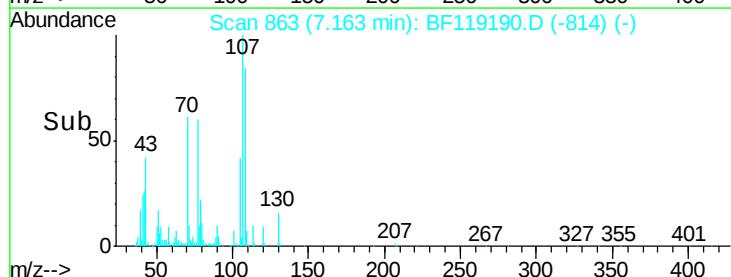
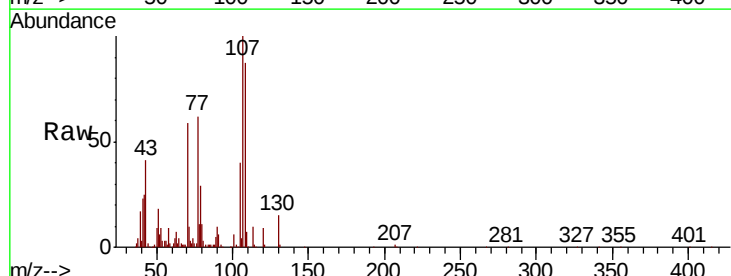
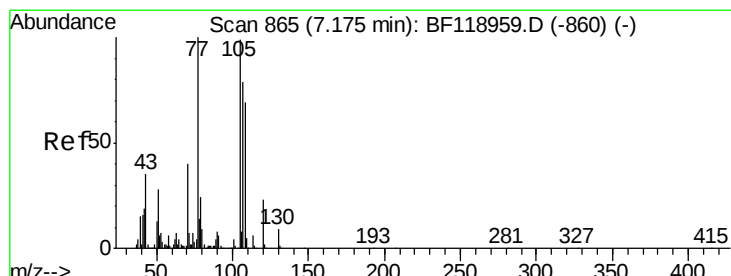
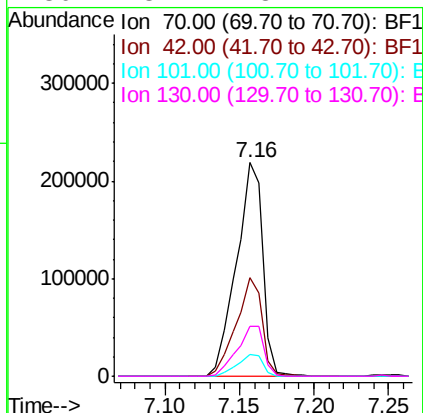




#19
n-Nitroso-di-n-propylamine
Concen: 45.561 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

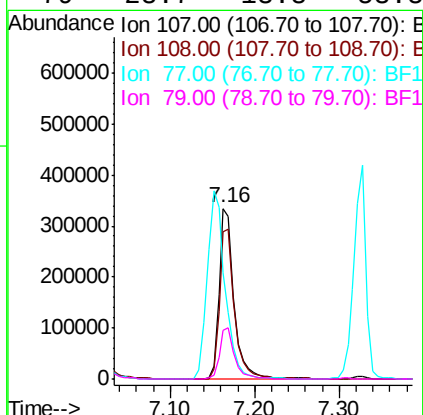
Instrument :
BNA_F
ClientSampleId :

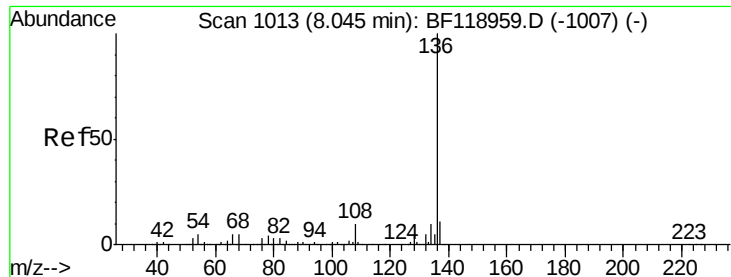
Tot Ion:	70	Resp:	269244
Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.2	8.2	12.4
130	23.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 46.099 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:	107	Resp:	412072
Ion	Ratio	Lower	Upper
107	100		
108	86.5	71.5	111.5
77	62.5	45.9	85.9
79	28.7	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 533029

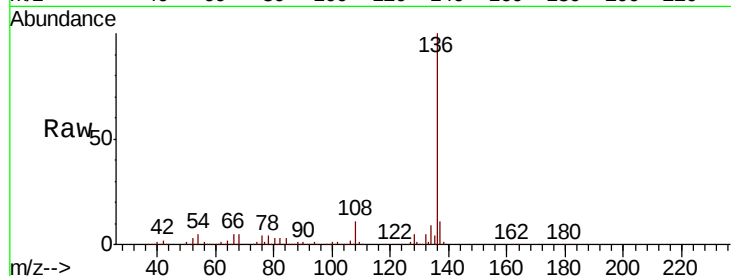
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.0 3.8 5.6

68 5.2 3.9 5.9

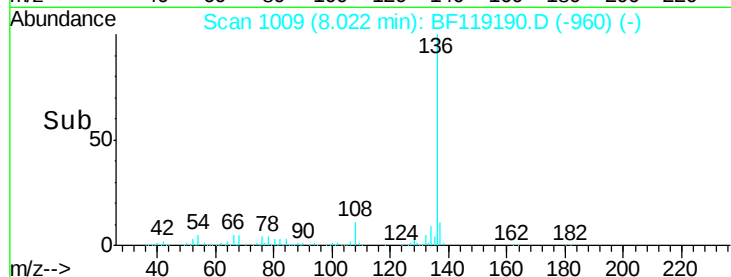


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

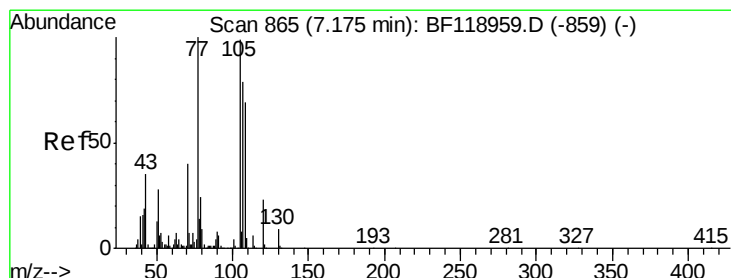
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.02



#22

Acetophenone

Concen: 43.444 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:105 Resp: 535791

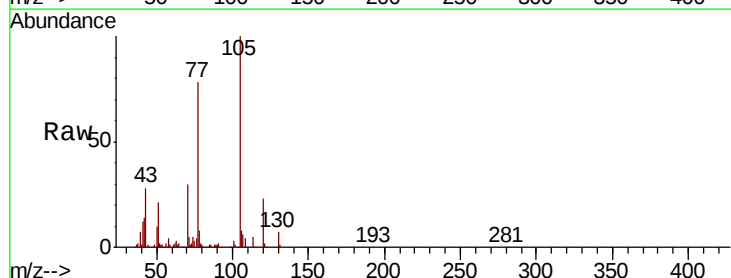
Ion Ratio Lower Upper

105 100

71 4.9 3.0 4.4#

51 21.2 20.1 30.1

120 22.9 18.0 27.0

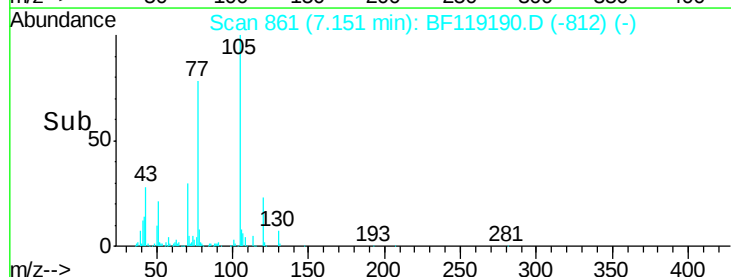


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

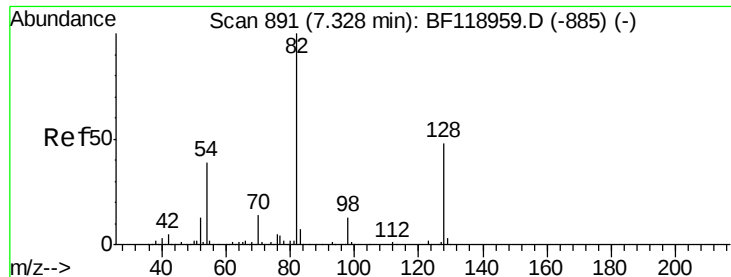
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

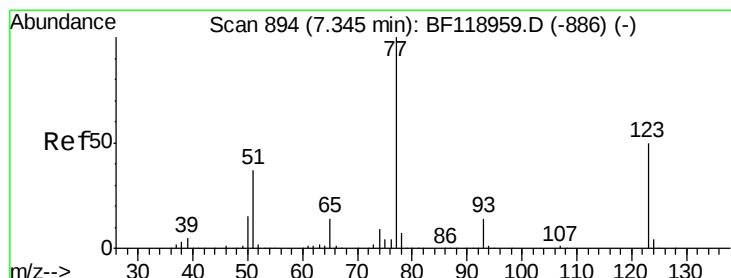
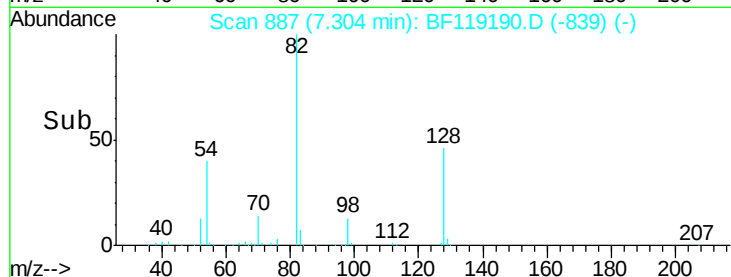
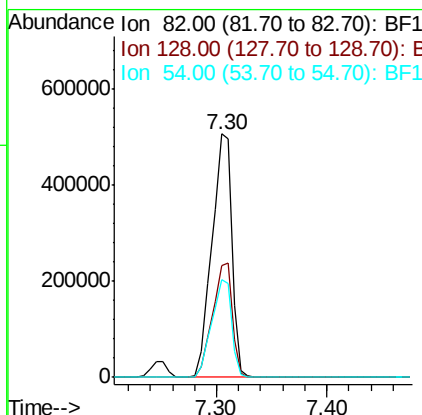
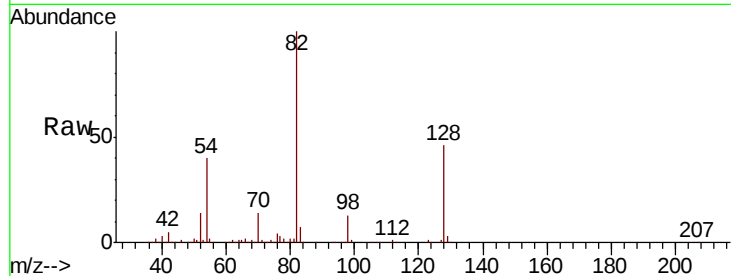
7.15



#23
 Nitrobenzene-d5
 Concen: 62.539 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

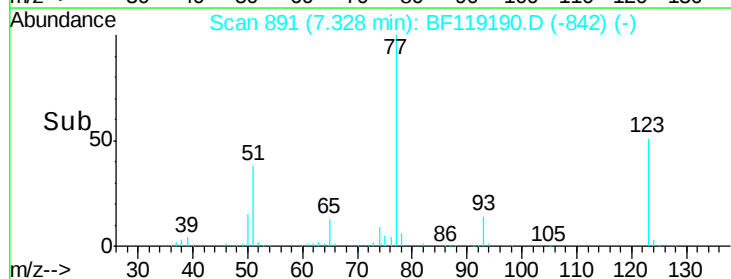
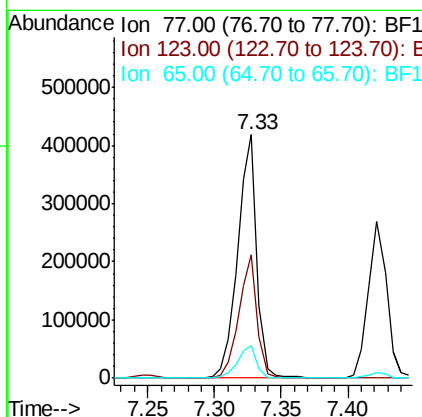
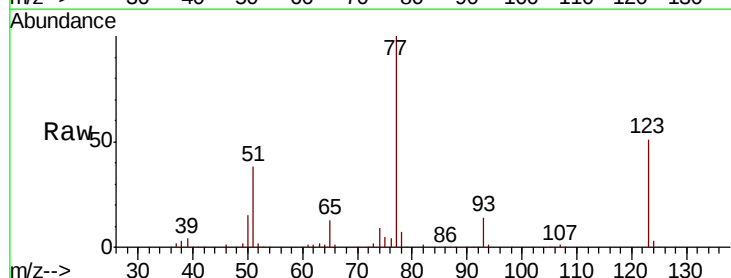
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 631346
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.9 56.9
 54 40.2 33.4 50.2



#24
 Nitrobenzene
 Concen: 41.604 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion: 77 Resp: 415342
 Ion Ratio Lower Upper
 77 100
 123 50.7 40.2 60.2
 65 13.1 10.8 16.2

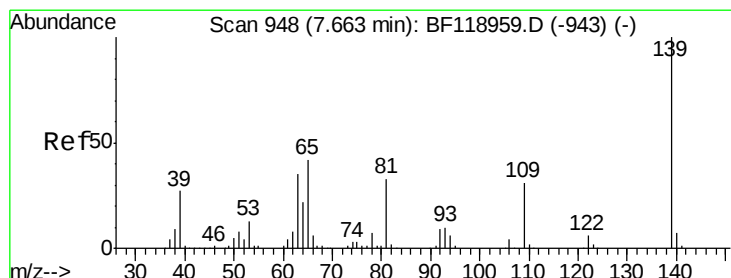
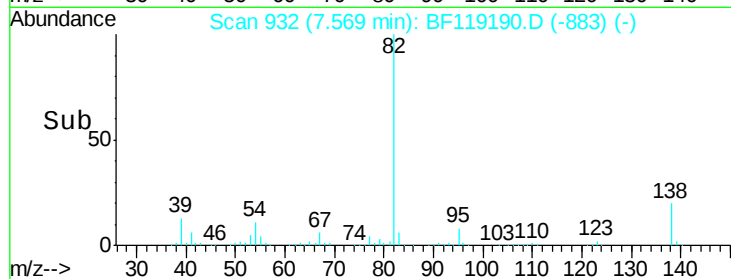
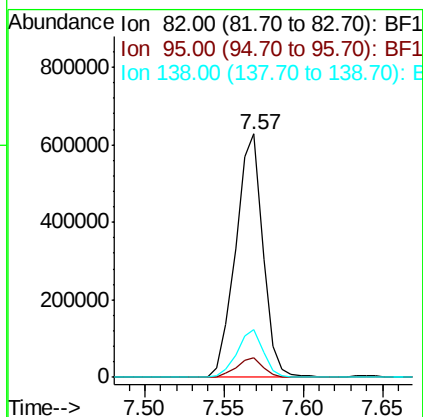
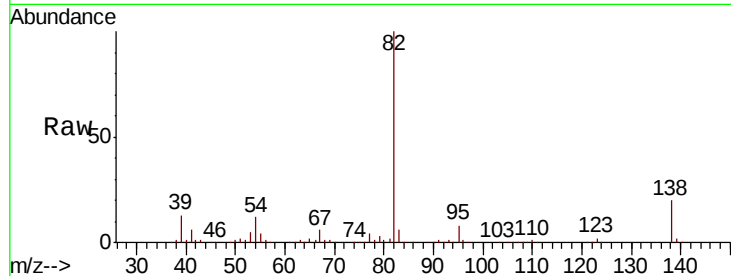




#25
Isophorone
Concen: 42.677 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

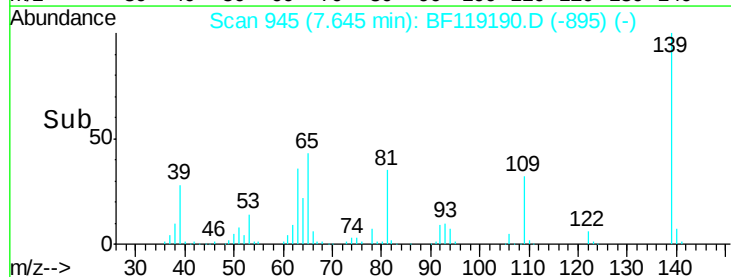
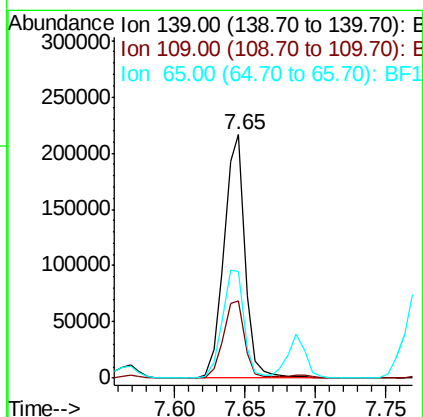
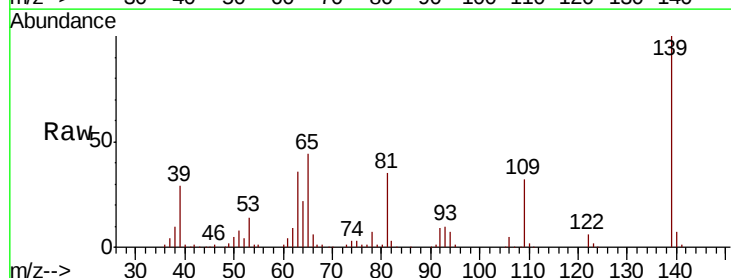
Instrument :
BNA_F
ClientSampleId :

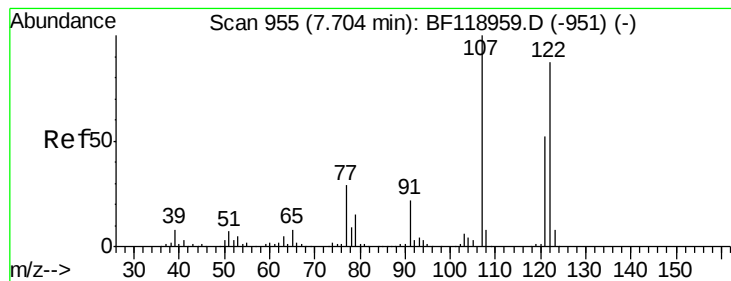
Tot Ion: 82 Resp: 748229
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 19.6 15.7 23.5



#26
2-Nitrophenol
Concen: 42.493 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion: 139 Resp: 224771
Ion Ratio Lower Upper
139 100
109 31.9 25.7 38.5
65 43.7 37.1 55.7

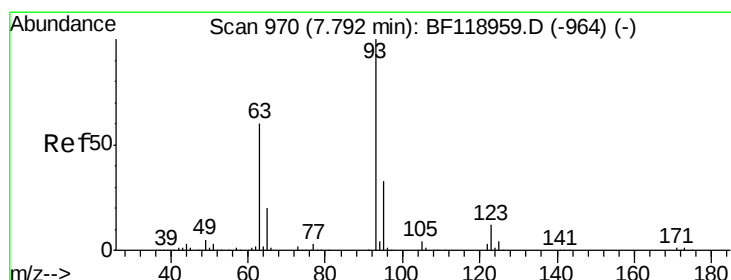
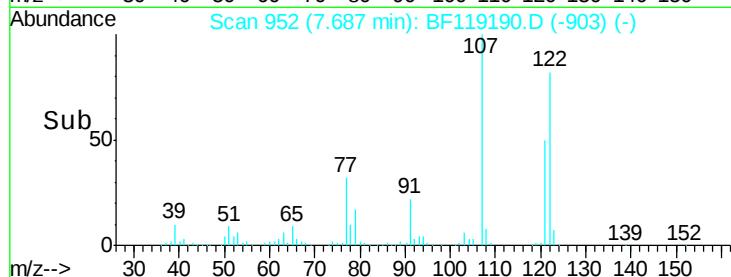
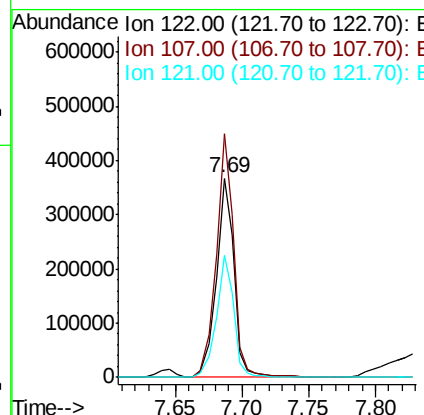
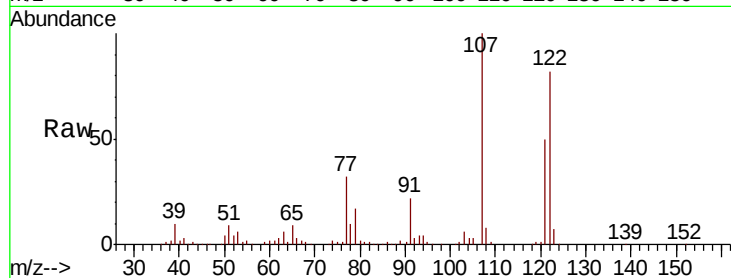




#27
 2,4-Dimethylphenol
 Concen: 47.754 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

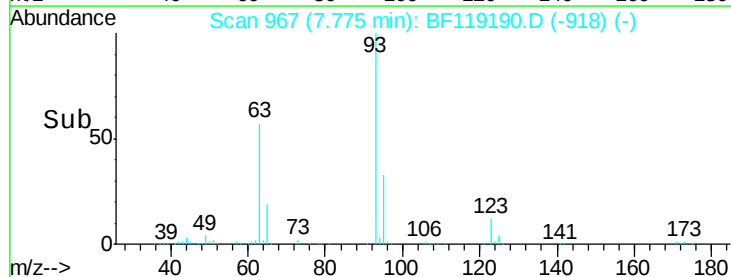
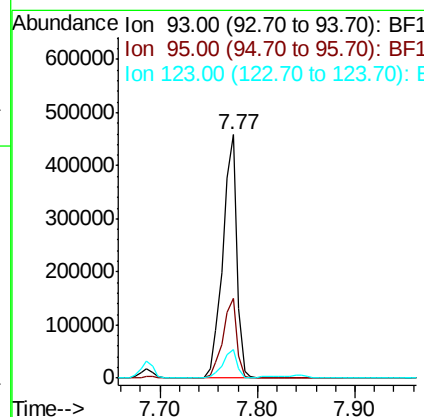
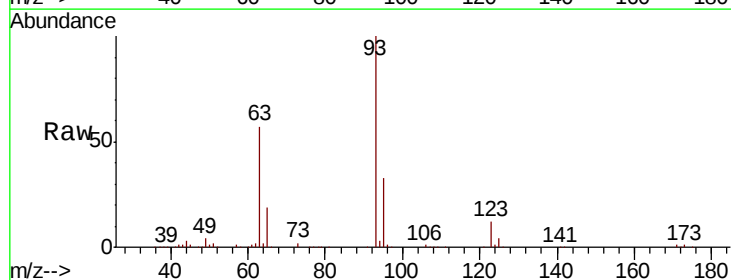
Instrument :
 BNA_F
 ClientSampleId :

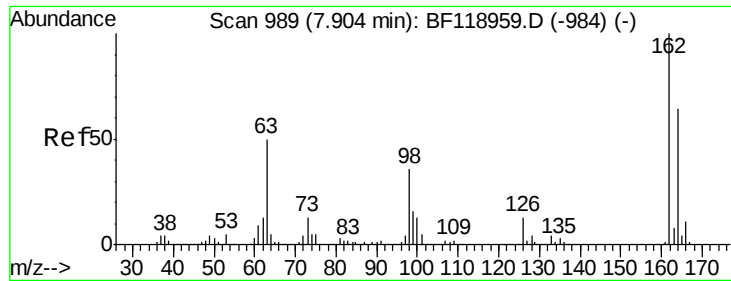
Tot Ion:122 Resp: 342823
 Ion Ratio Lower Upper
 122 100
 107 122.5 93.8 140.6
 121 61.1 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.279 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion: 93 Resp: 459656
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 11.7 10.2 15.2

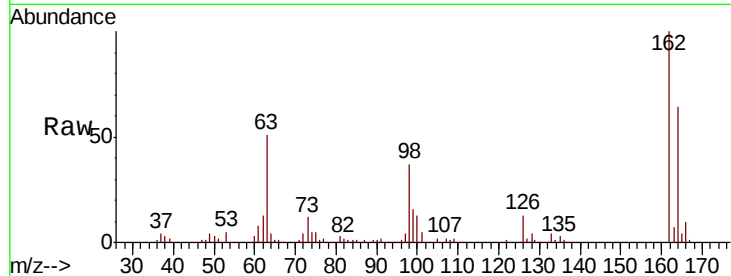




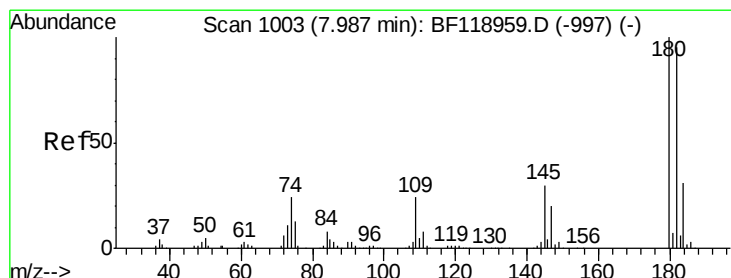
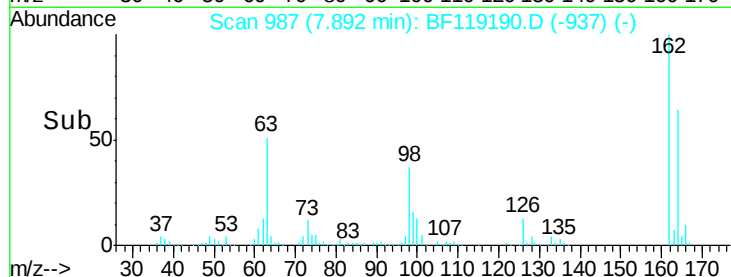
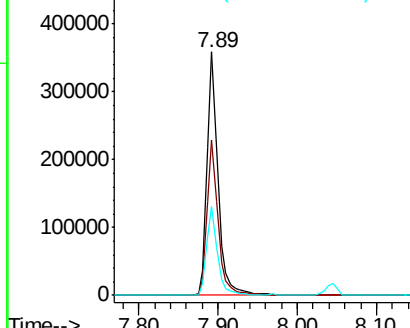
#29
2,4-Dichlorophenol
Concen: 41.728 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.2	85.2
98	36.6	17.4	57.4

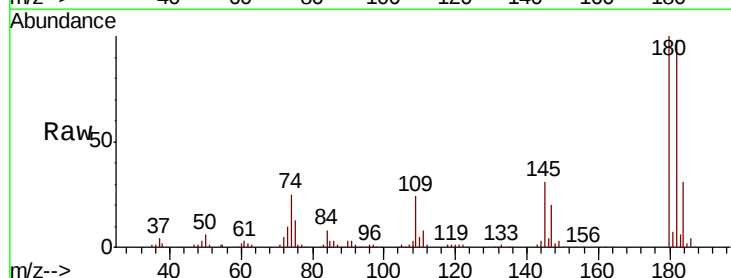


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

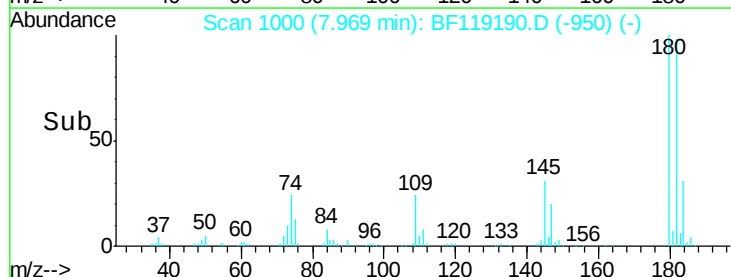
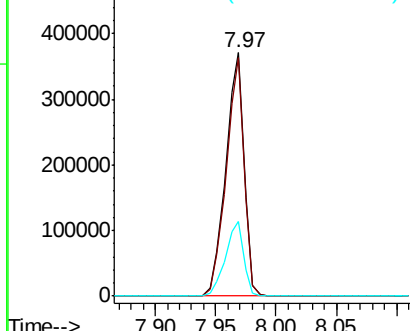


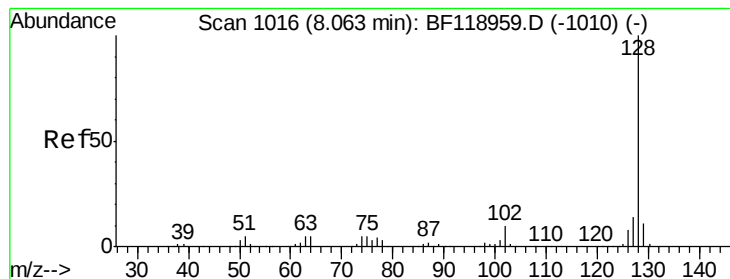
#30
1,2,4-Trichlorobenzene
Concen: 38.796 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.8	116.6
145	30.7	25.2	37.8



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





#31

Naphthalene

Concen: 41.571 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

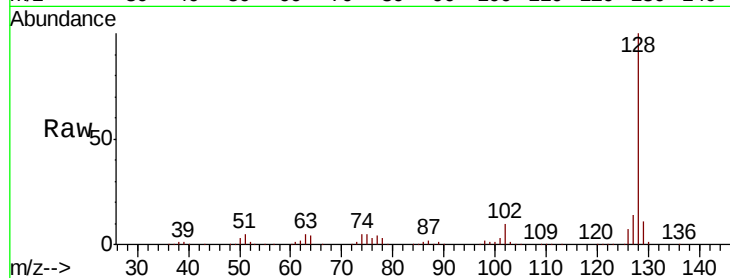
Tot Ion:128 Resp: 1149193

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

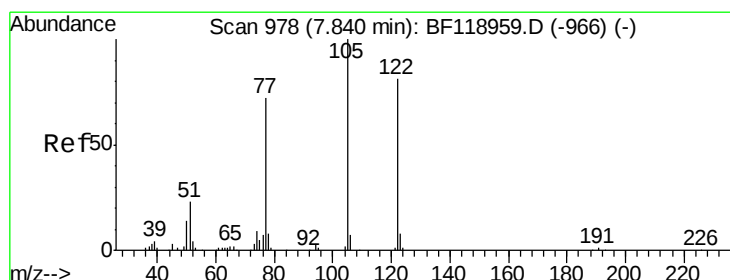
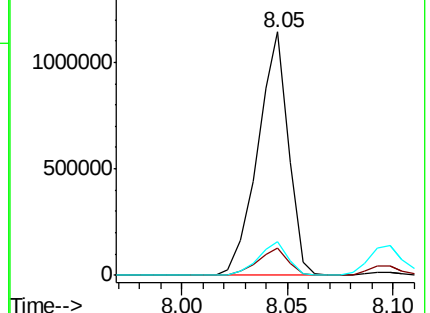
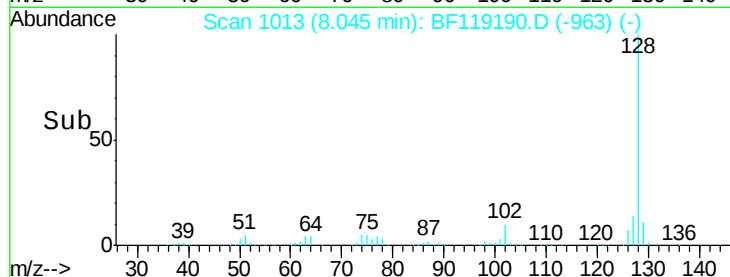
127 13.8 11.4 17.2



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: 36.150 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

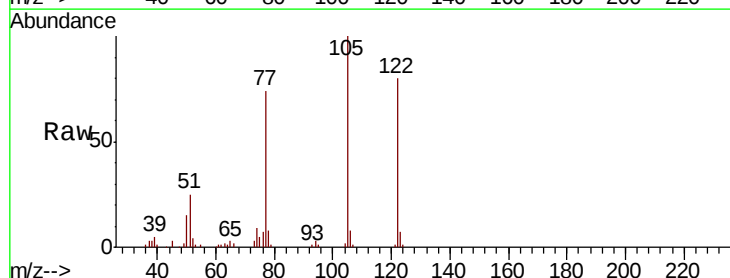
Tgt Ion:122 Resp: 179327

Ion Ratio Lower Upper

122 100

105 124.5 106.3 146.3

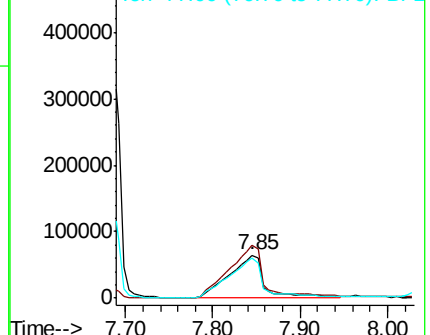
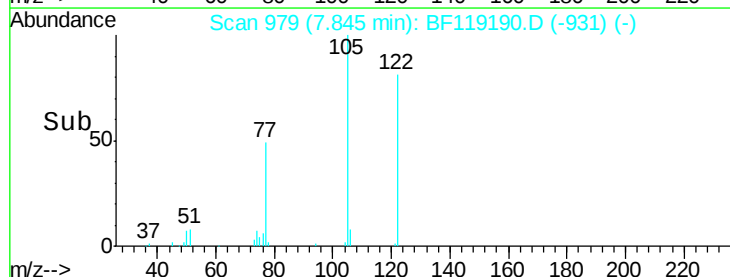
77 92.6 73.1 113.1

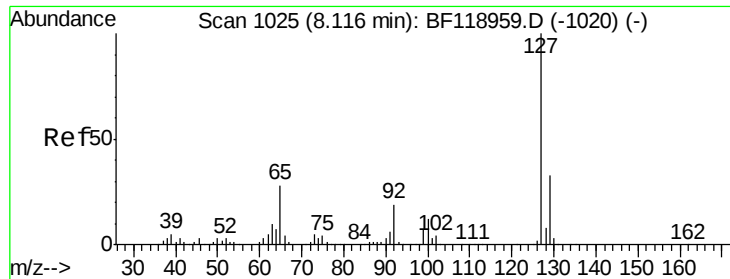


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

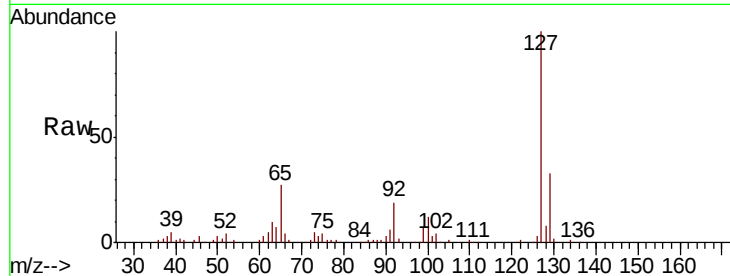




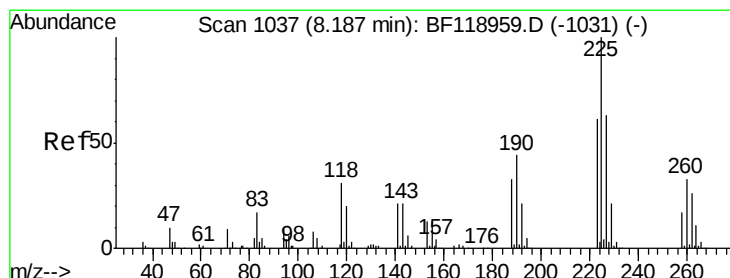
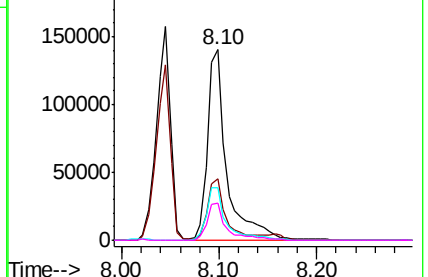
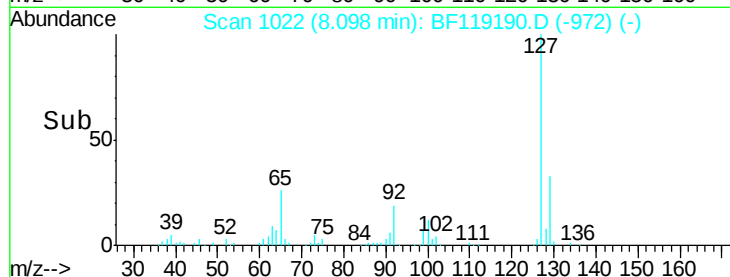
#33
4-Chloroaniline
Concen: 16.157 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	192103
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.3	23.9	35.9
92	19.2	16.3	24.5

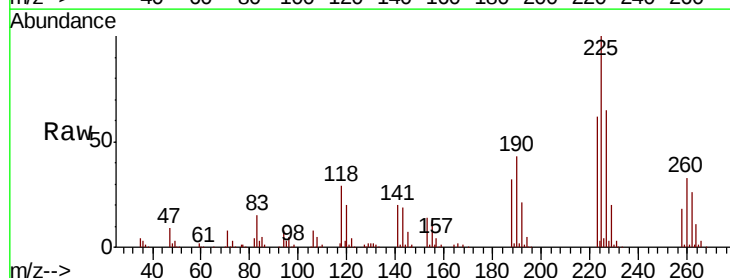


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

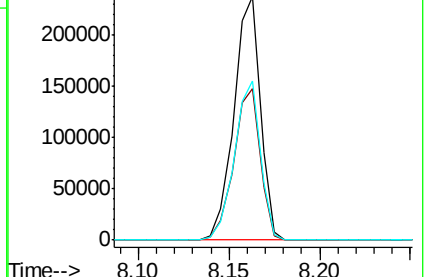
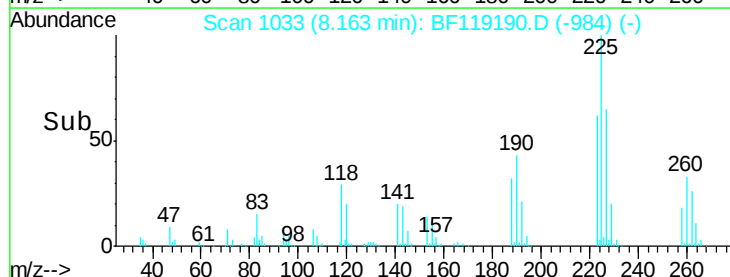


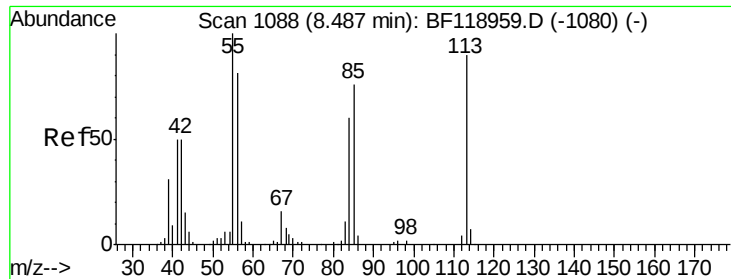
#34
Hexachlorobutadiene
Concen: 38.506 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:	225	Resp:	240339
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.2
227	65.2	52.9	79.3



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

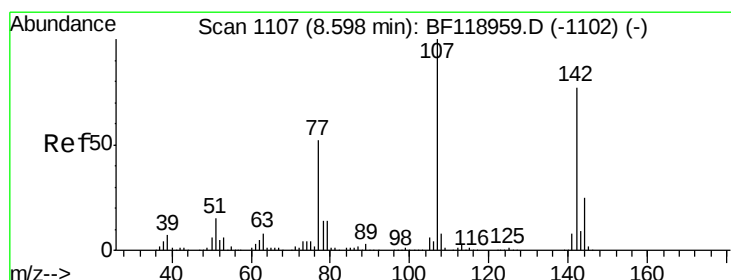
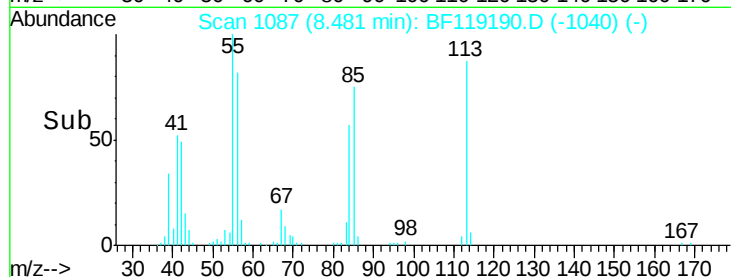
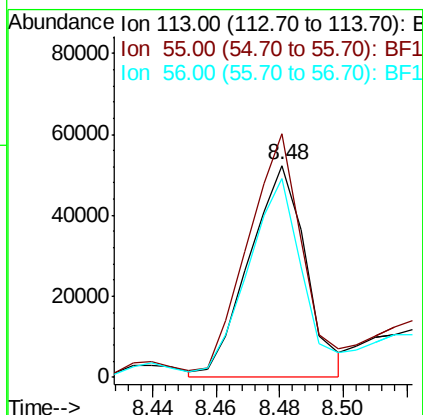
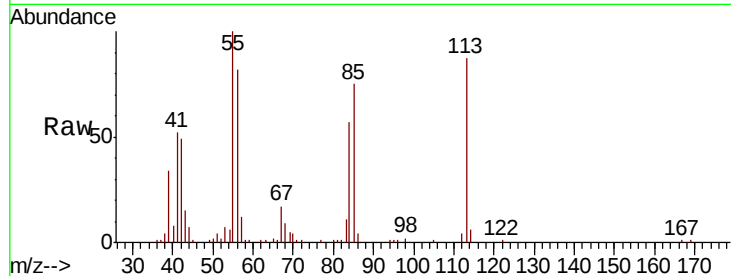




#35
 Caprolactam
 Concen: 25.030 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

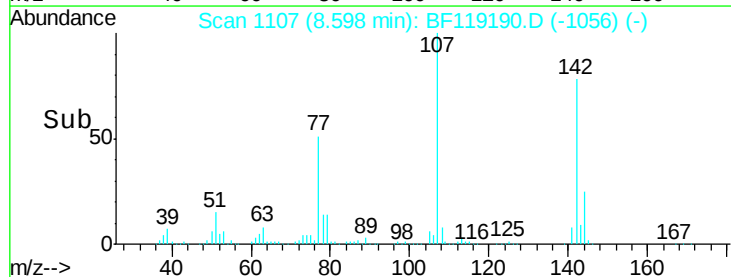
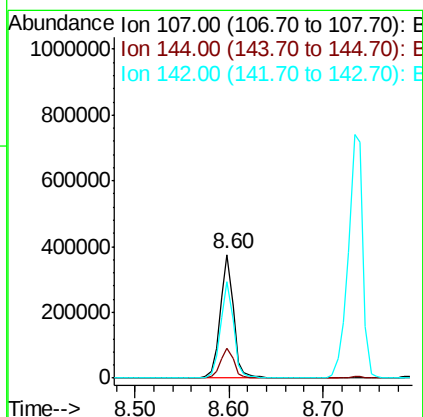
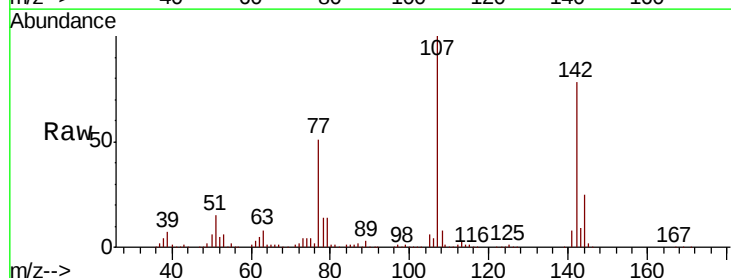
Instrument :
 BNA_F
 ClientSampleId :

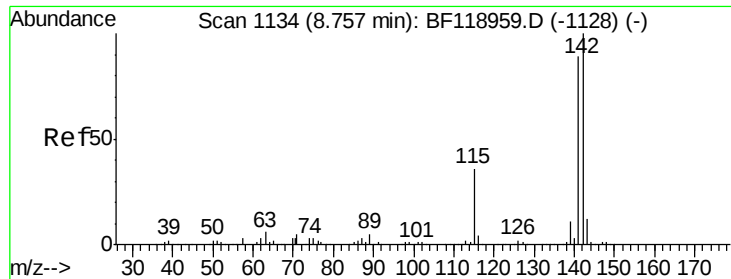
Tot Ion:113 Resp: 65136
 Ion Ratio Lower Upper
 113 100
 55 114.8 95.7 135.7
 56 93.7 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.430 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:107 Resp: 371464
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.1 30.1
 142 78.2 61.4 92.2

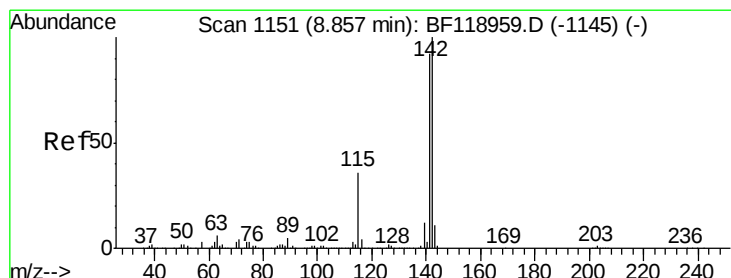
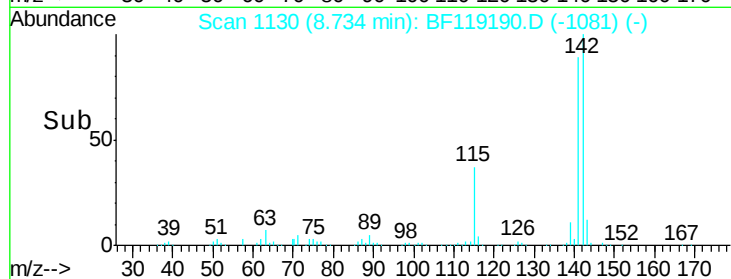
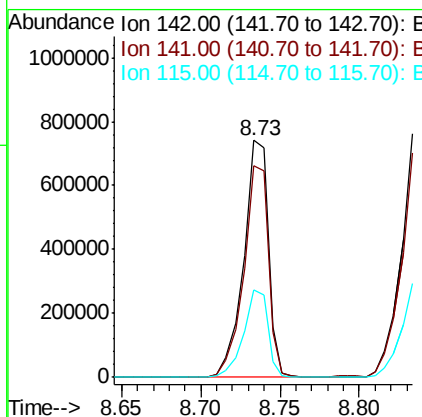
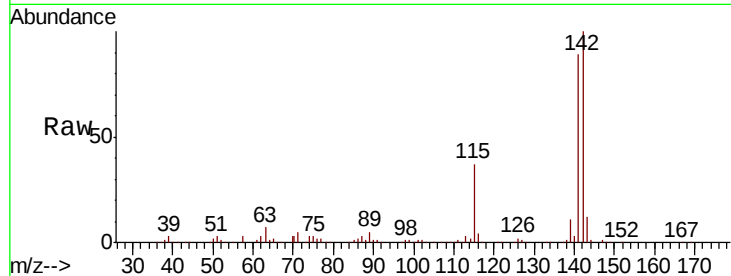




#37
 2-Methylnaphthalene
 Concen: 42.860 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

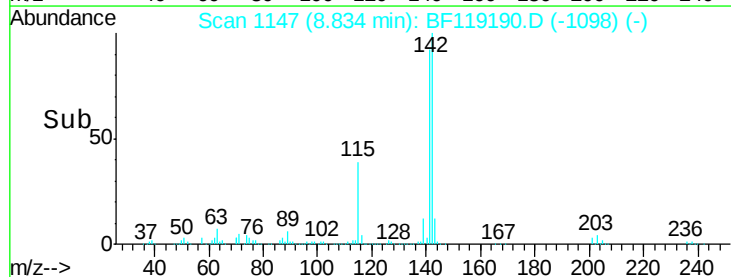
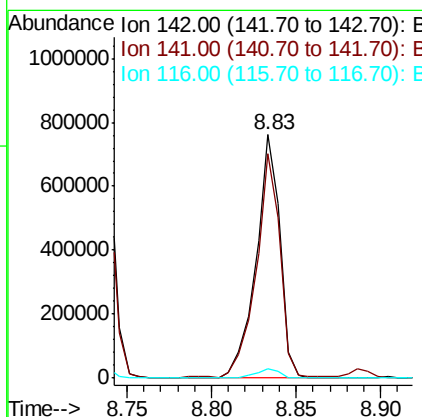
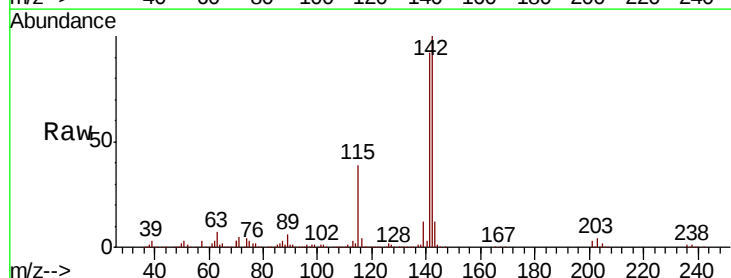
Instrument :
 BNA_F
 ClientSampleID :

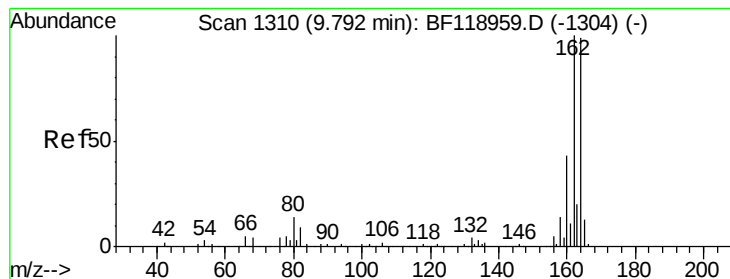
Tot Ion:142 Resp: 797338
 Ion Ratio Lower Upper
 142 100
 141 89.4 72.3 108.5
 115 36.8 30.6 45.8



#38
 1-Methylnaphthalene
 Concen: 42.732 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:142 Resp: 747630
 Ion Ratio Lower Upper
 142 100
 141 92.4 75.8 113.6
 116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

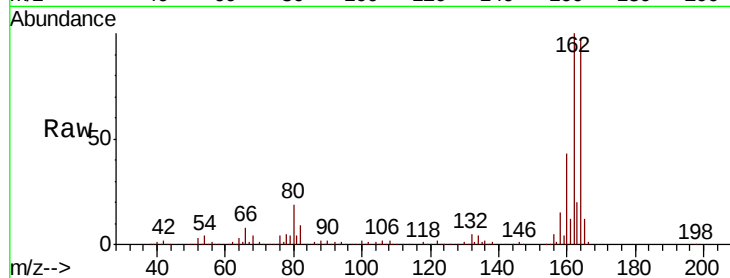
Tot Ion:164 Resp: 296885

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.8

160 44.9 36.0 54.0

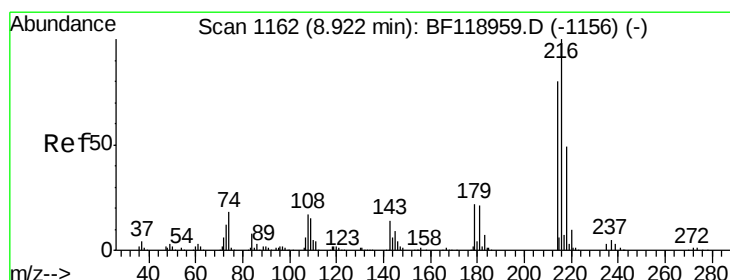
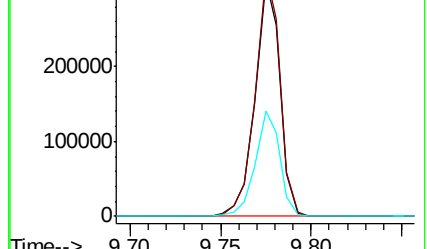
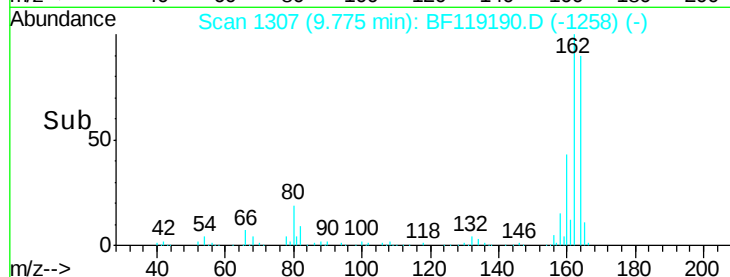


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time--> 9.70 9.75 9.80



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.827 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:216 Resp: 398660

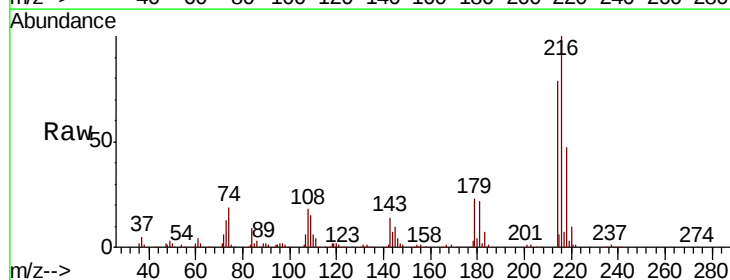
Ion Ratio Lower Upper

216 100

214 78.4 63.3 94.9

179 22.0 17.7 26.5

108 17.9 13.9 20.9



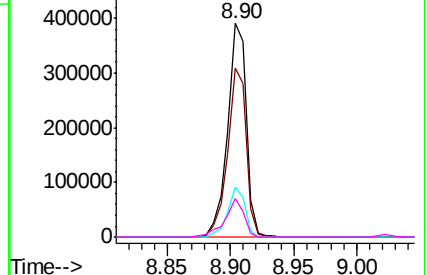
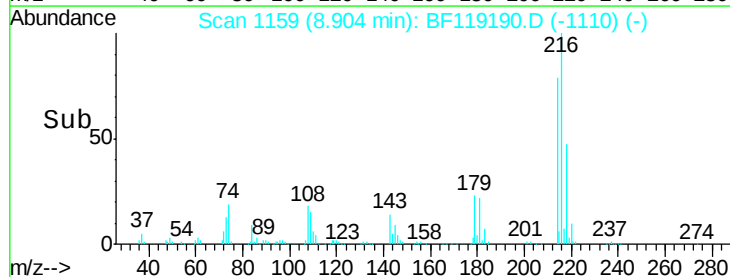
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time--> 8.85 8.90 8.95 9.00

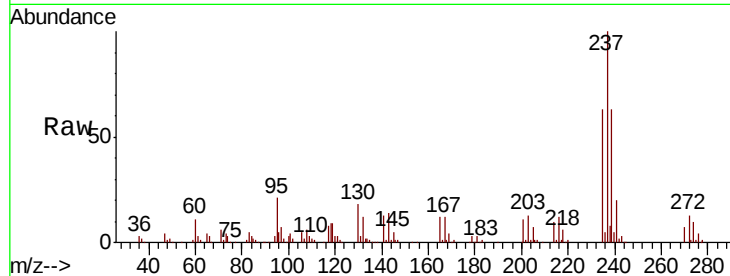




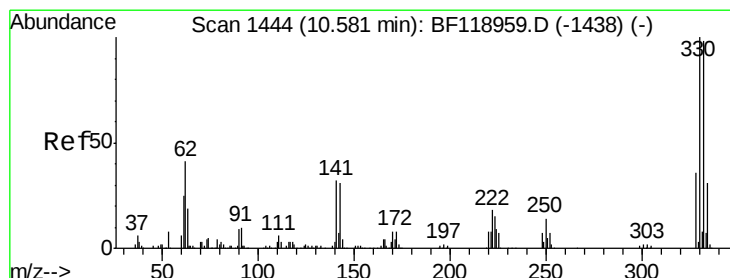
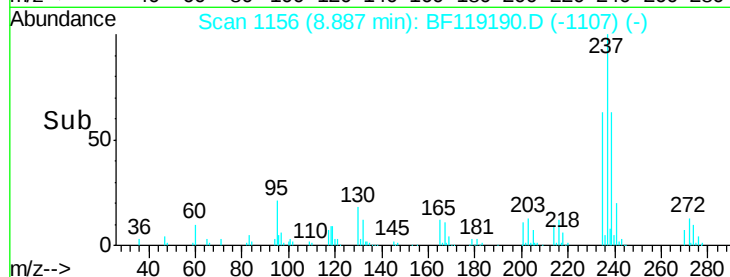
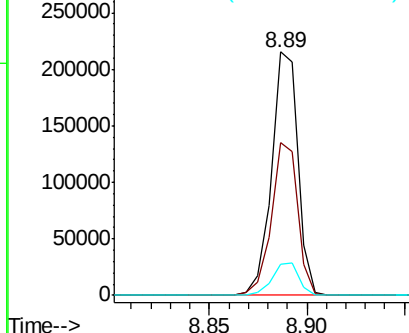
#41
Hexachlorocyclopentadiene
Concen: 58.166 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.3	82.3
272	12.9	0.0	33.5

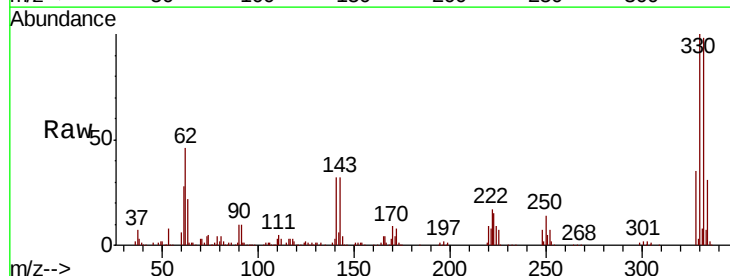


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

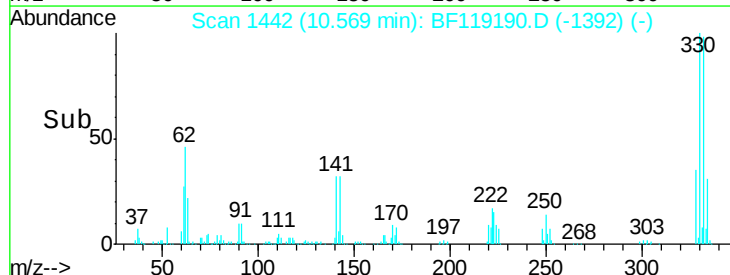
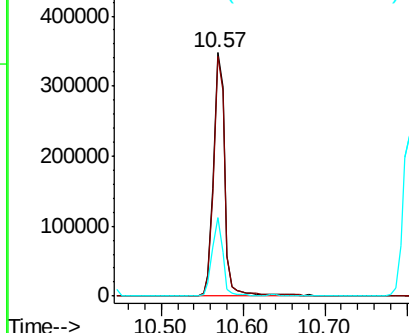


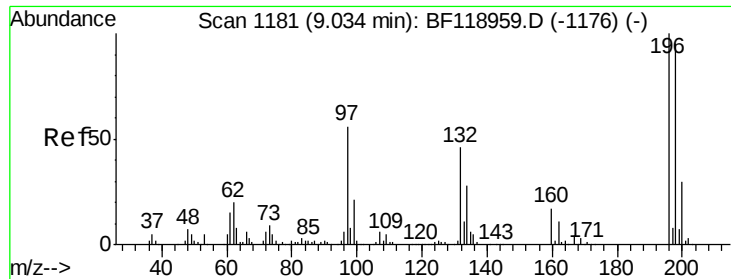
#42
2,4,6-Tribromophenol
Concen: 87.650 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.0	114.0
141	29.8	22.9	34.3



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

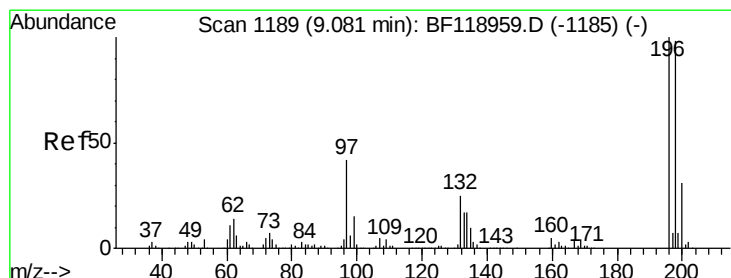
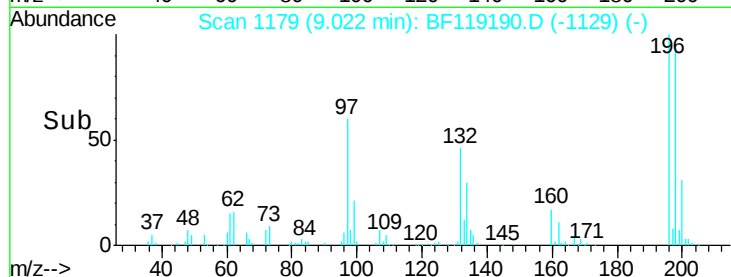
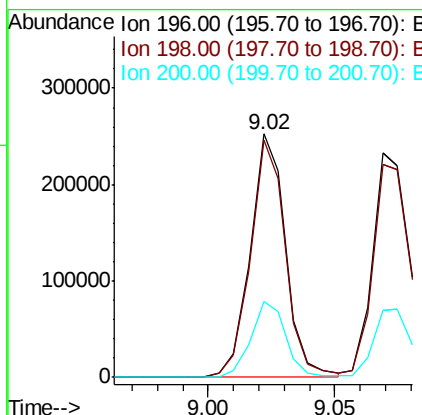
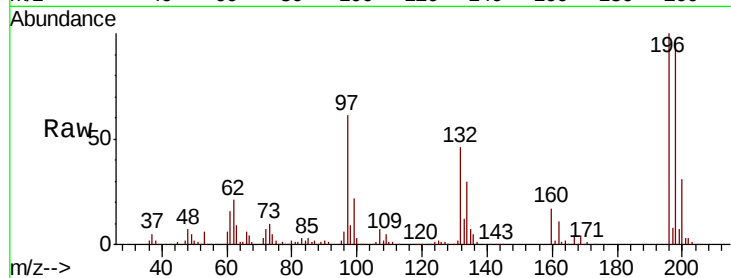




#43
 2,4,6-Trichlorophenol
 Concen: 38.914 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

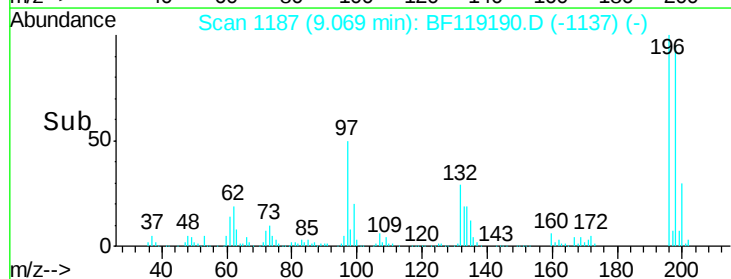
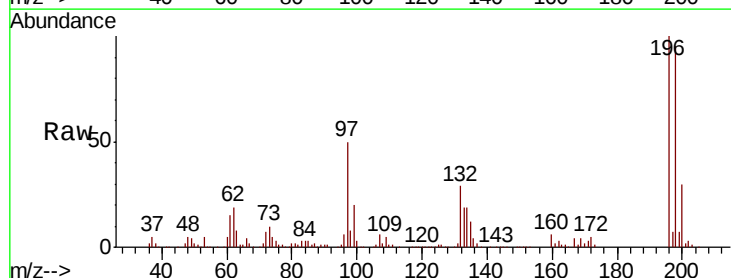
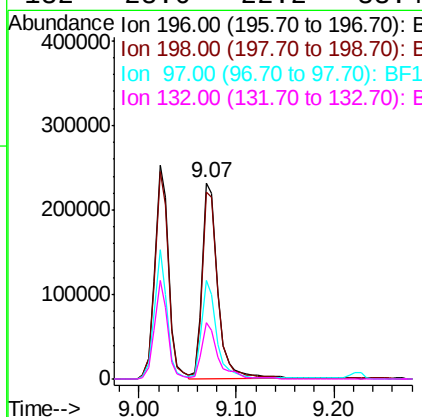
Instrument :
 BNA_F
 ClientSampled :

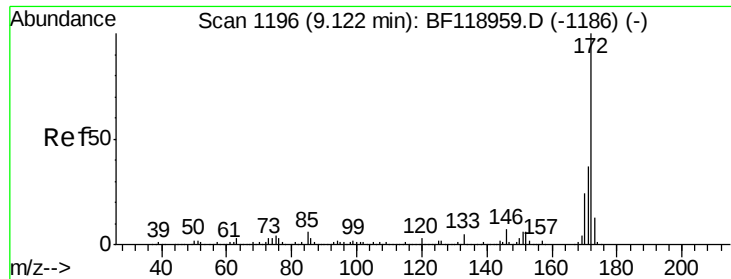
Tot Ion:196 Resp: 245977
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.1 115.7
 200 31.3 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.000 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:196 Resp: 258693
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.8 115.2
 97 50.5 38.5 57.7
 132 28.6 22.2 33.4

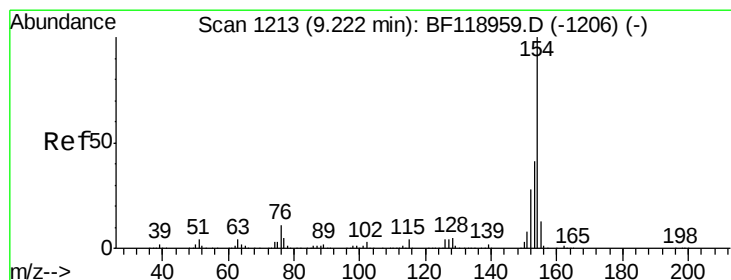
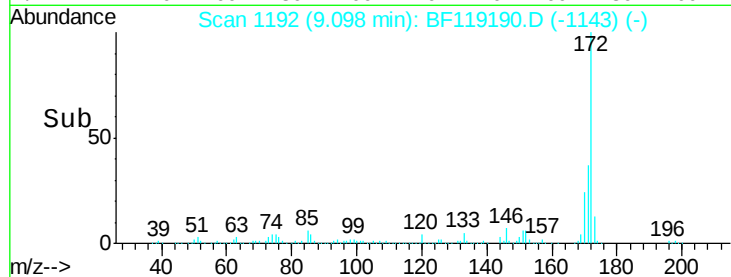
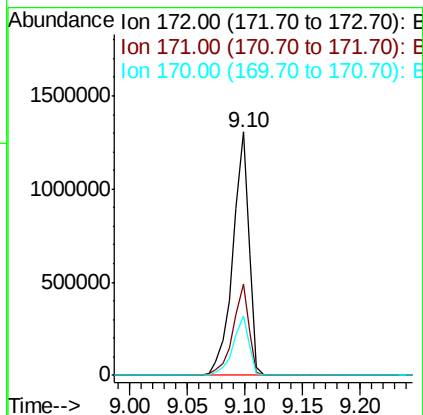
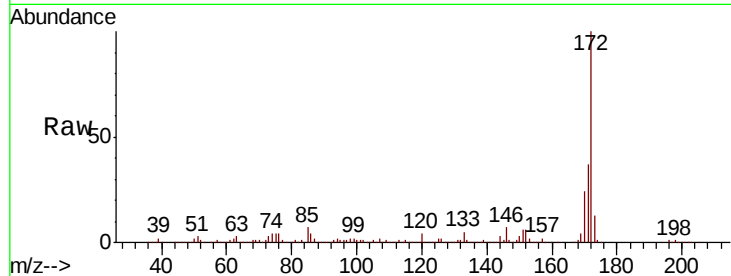




#45
2-Fluorobiphenyl
Concen: 62.490 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

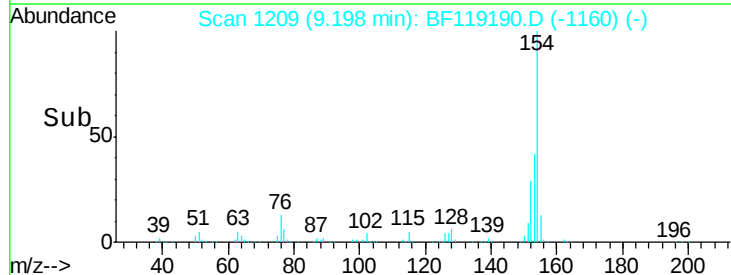
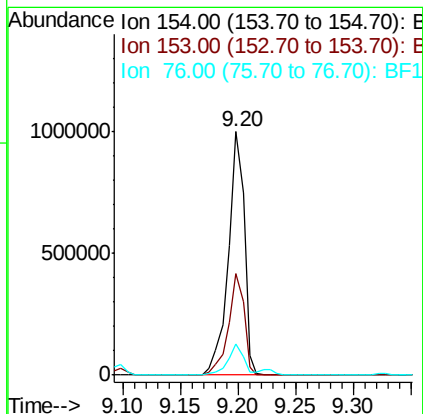
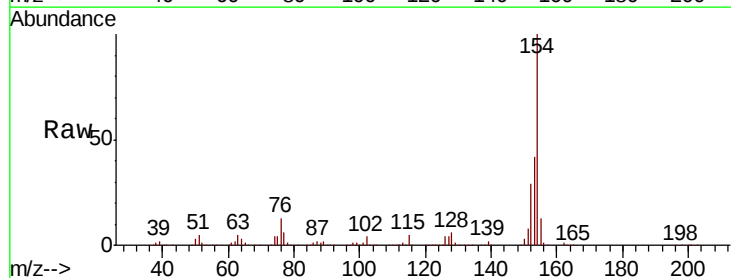
Instrument :
BNA_F
ClientSampleId :

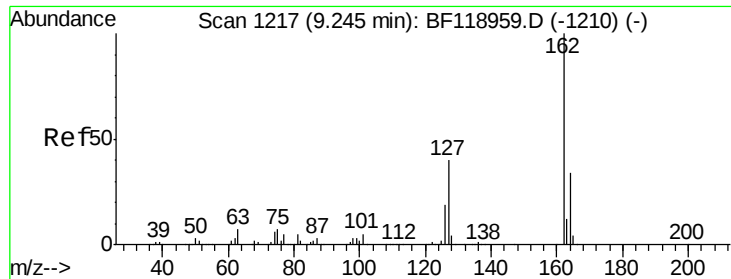
Tot Ion:172 Resp: 1259353
Ion Ratio Lower Upper
172 100
171 37.4 30.6 45.8
170 24.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.014 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:154 Resp: 960122
Ion Ratio Lower Upper
154 100
153 41.5 22.8 62.8
76 12.6 0.0 32.2

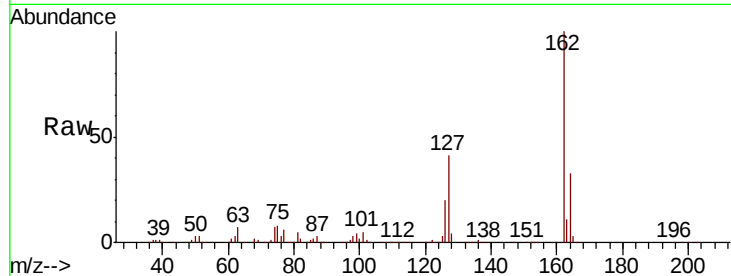




#47
 2-Chloronaphthalene
 Concen: 39.761 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	35.0	52.4
164	32.8	27.2	40.8

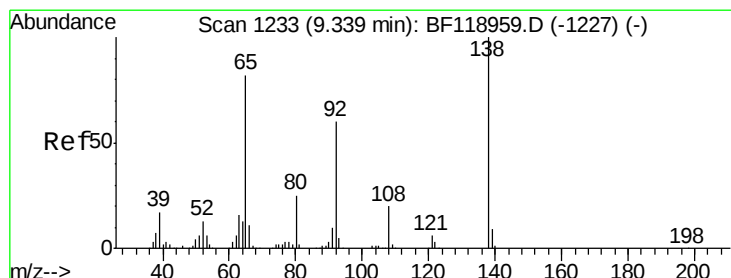
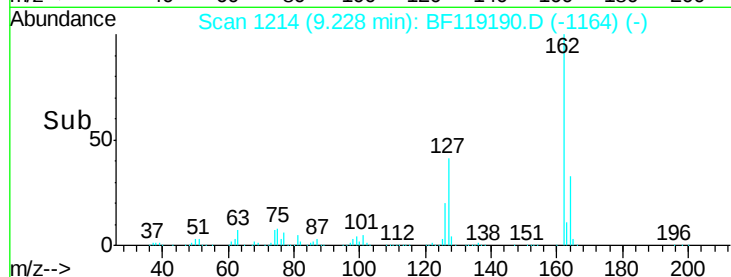
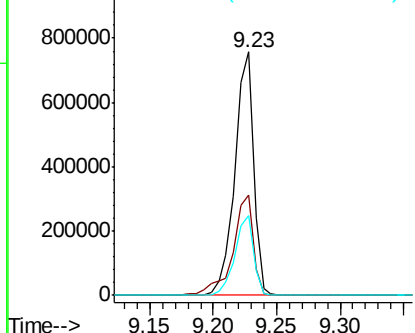


Abundance

Ion 162.00 (161.70 to 162.70): E

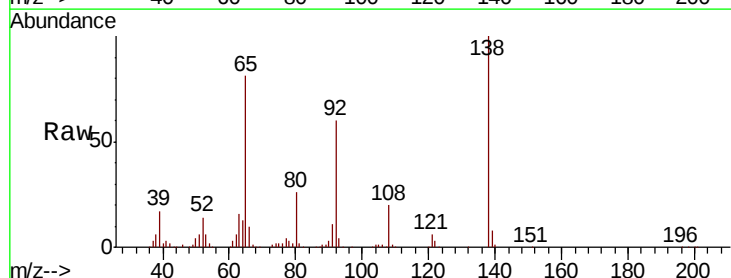
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.349 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	58.2	87.2
138	123.7	95.6	143.4

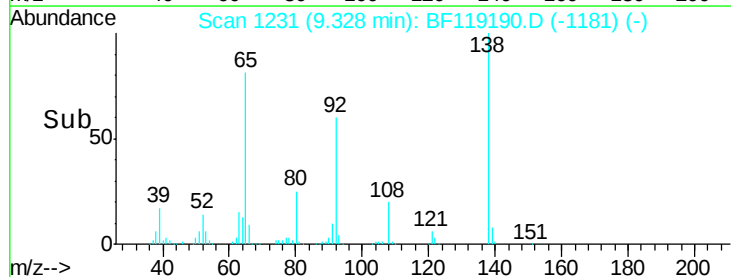
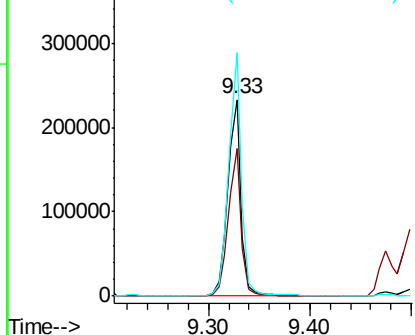


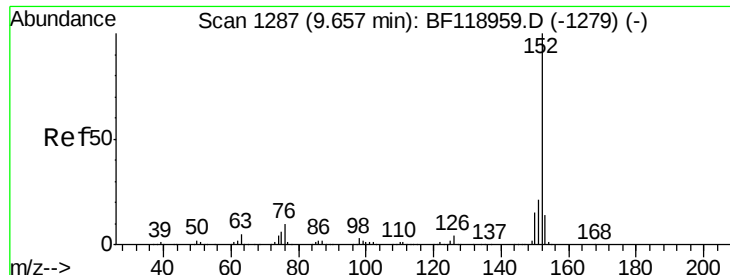
Abundance

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: 41.914 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

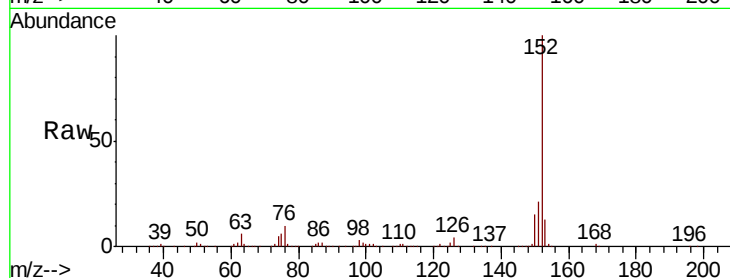
Tot Ion:152 Resp: 1170509

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

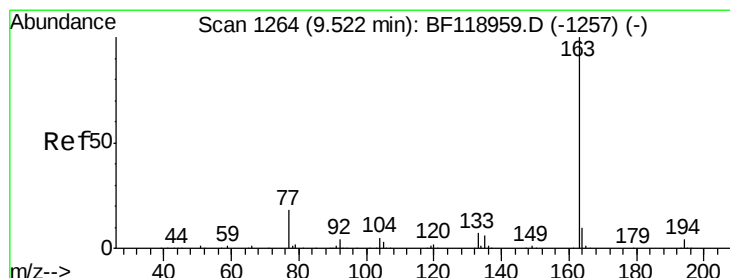
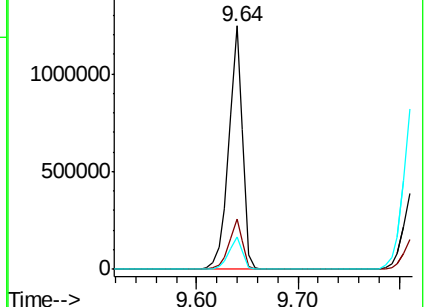
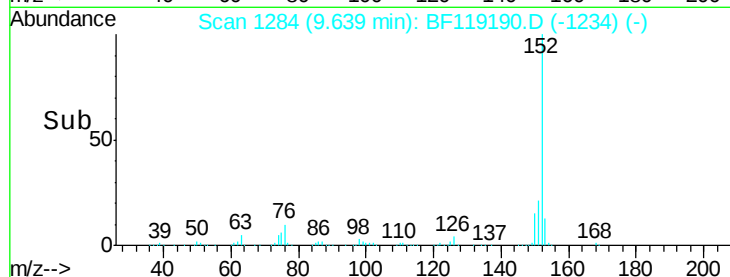
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.153 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

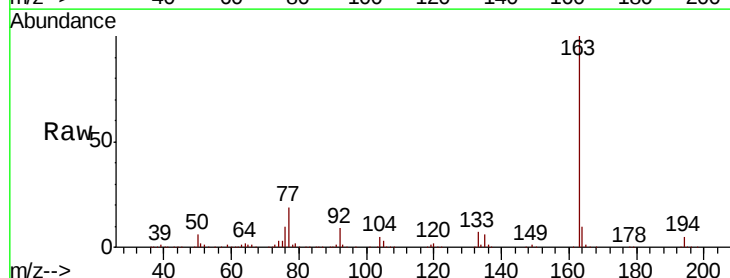
Tgt Ion:163 Resp: 1047765

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

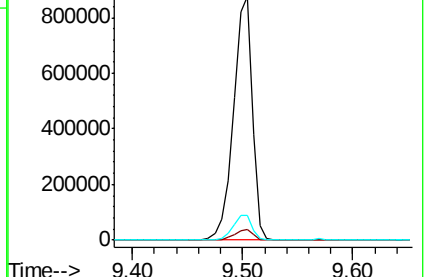
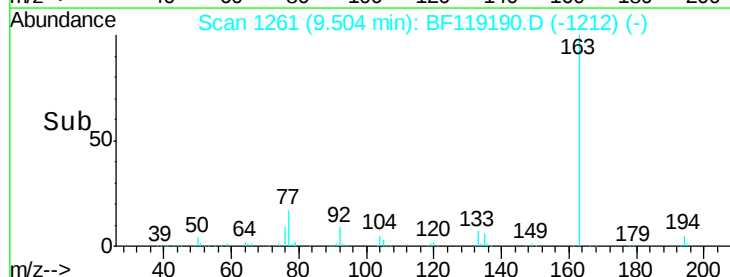
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.973 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

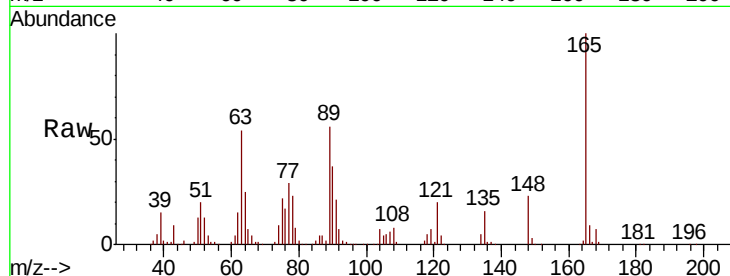
Tot Ion:165 Resp: 206661

Ion Ratio Lower Upper

165 100

63 54.1 34.3 51.5#

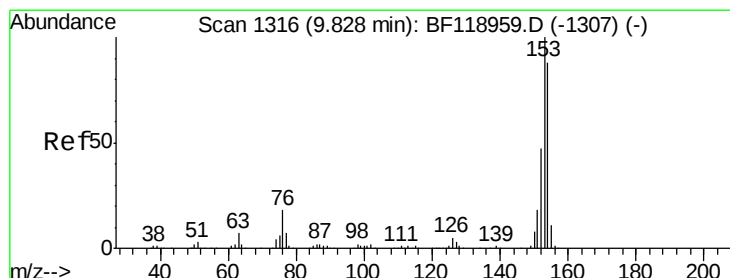
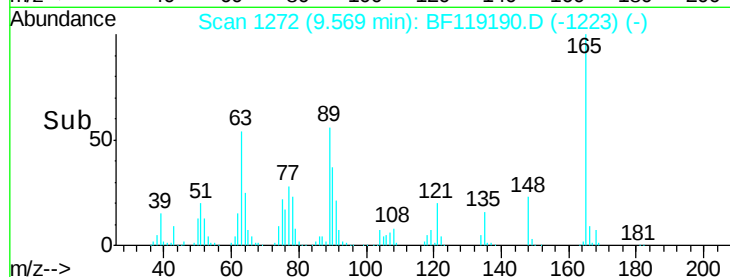
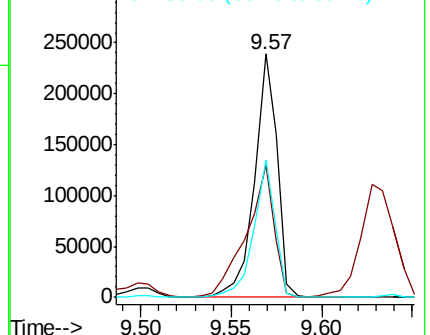
89 56.4 38.3 57.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.840 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

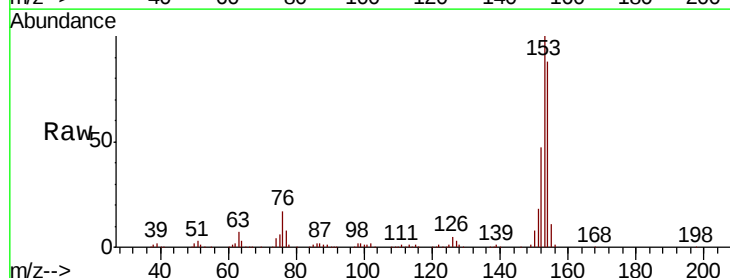
Tgt Ion:154 Resp: 687728

Ion Ratio Lower Upper

154 100

153 113.2 90.3 135.5

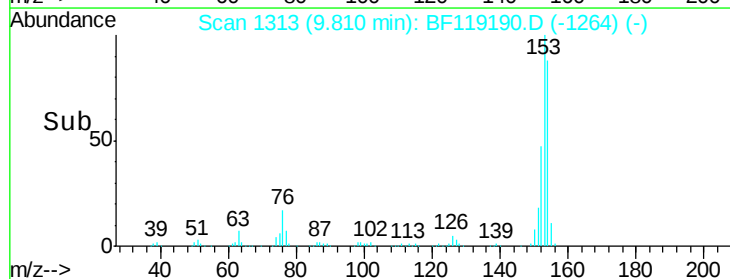
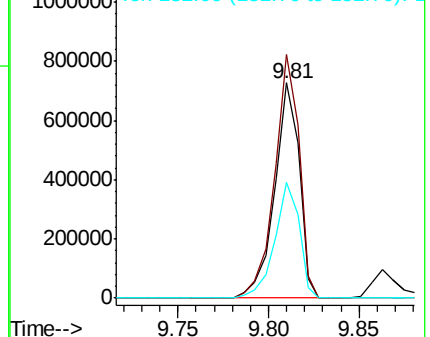
152 53.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

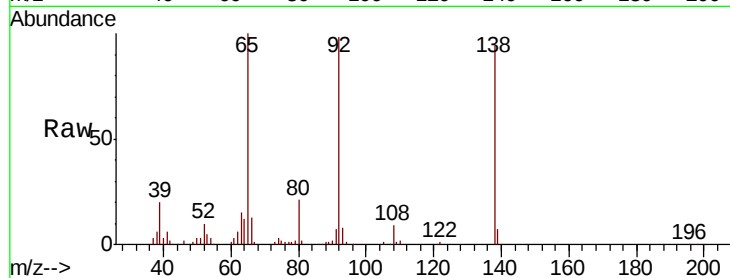




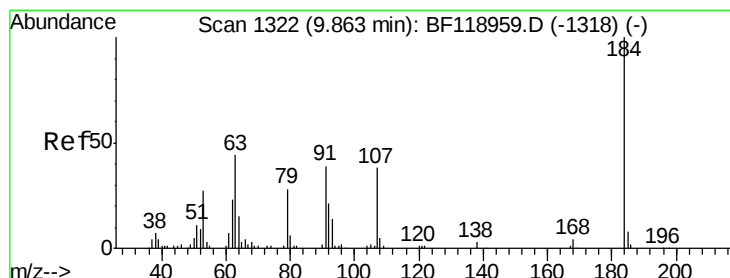
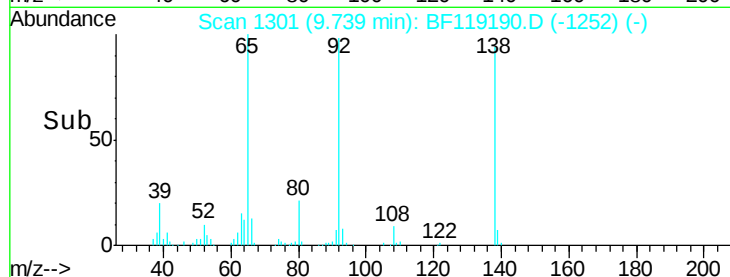
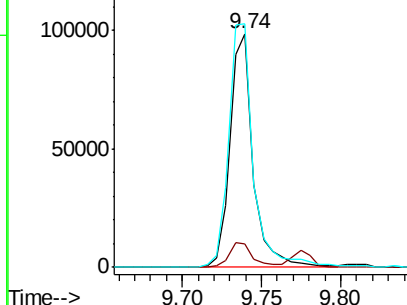
#53
3-Nitroaniline
Concen: 18.017 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 100744
Ion Ratio Lower Upper
138 100
108 10.0 8.8 13.2
92 104.2 84.8 127.2

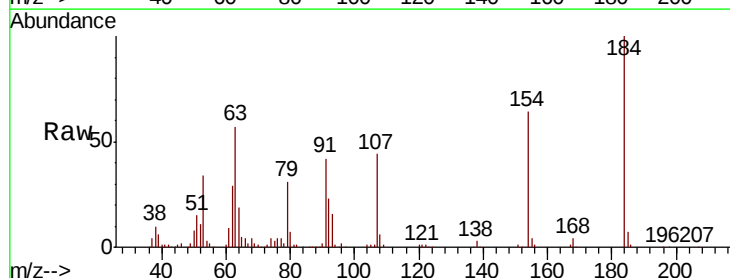


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

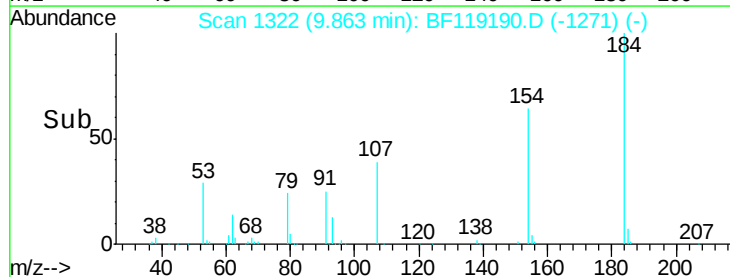
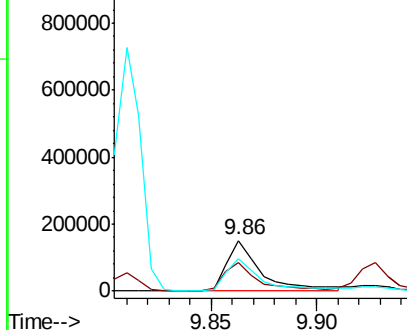


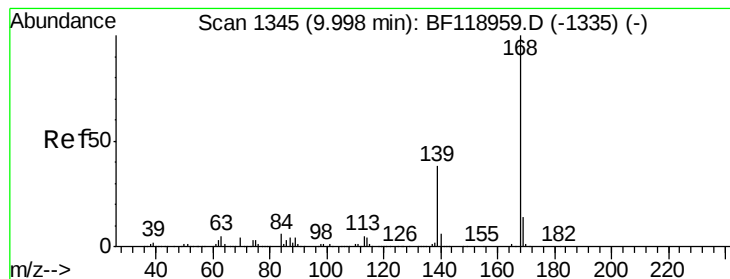
#54
2,4-Dinitrophenol
Concen: 69.366 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:184 Resp: 167357
Ion Ratio Lower Upper
184 100
63 56.9 38.7 58.1
154 64.2 49.7 74.5



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





#55

Dibenzenofuran

Concen: 41.001 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampled :

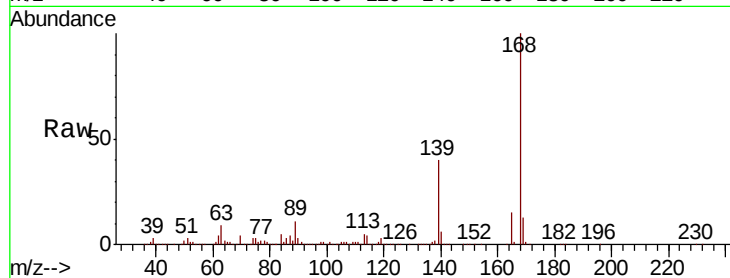
Tot Ion:168 Resp: 1030545

Ion Ratio Lower Upper

168 100

139 39.9 34.0 51.0

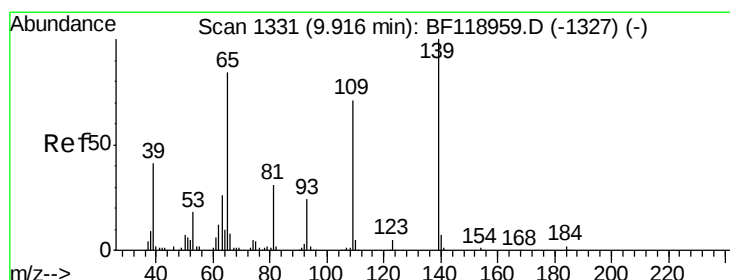
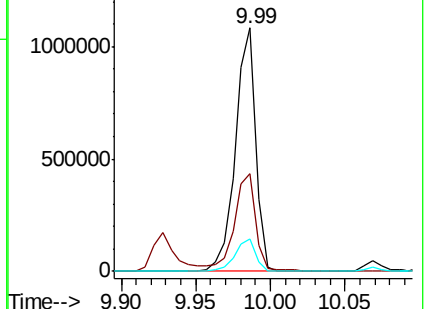
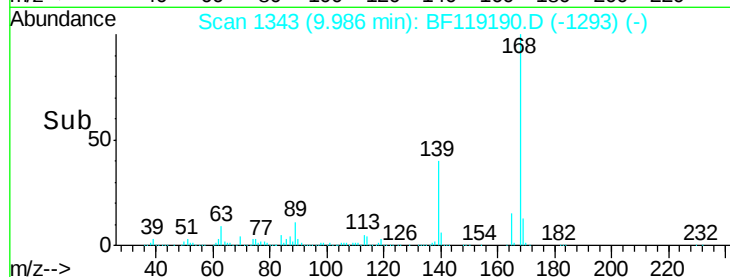
169 13.2 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 54.762 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

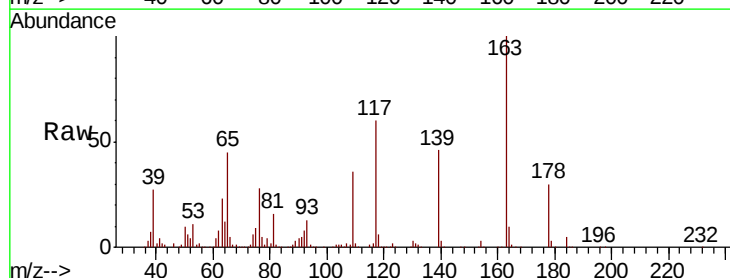
Tgt Ion:139 Resp: 183977

Ion Ratio Lower Upper

139 100

109 77.1 56.7 96.7

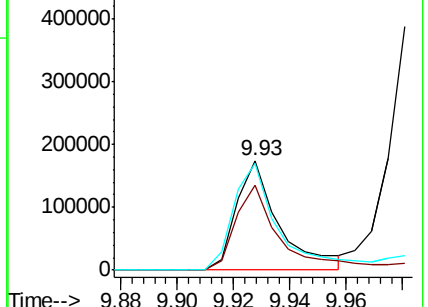
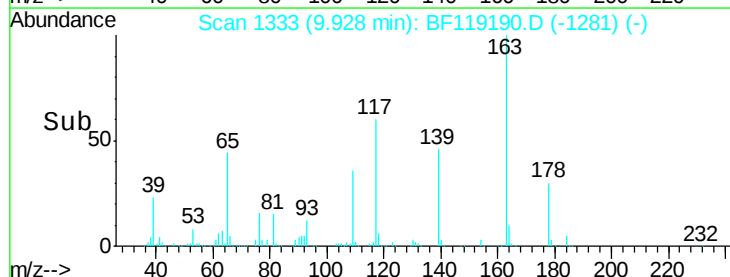
65 97.2 65.0 105.0

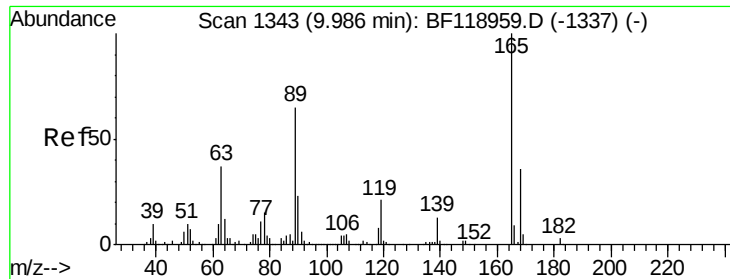


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

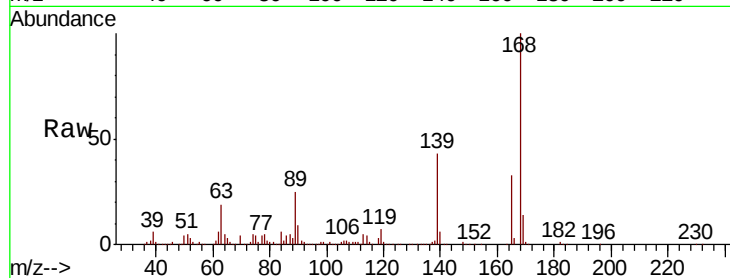




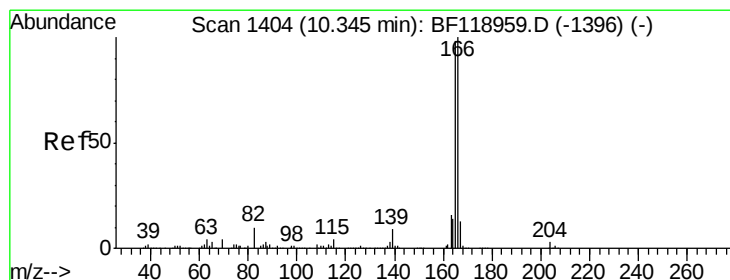
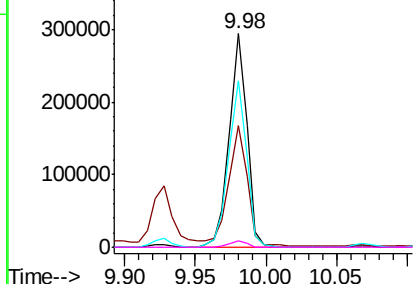
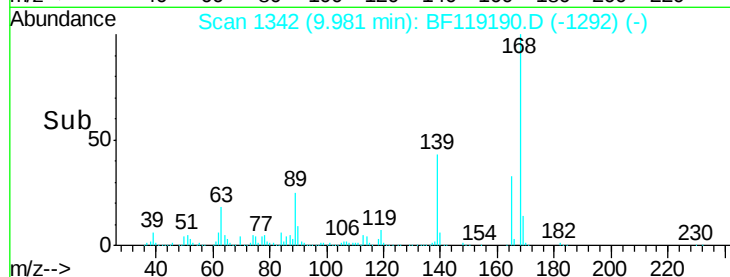
#57
 2,4-Dinitrotoluene
 Concen: 39.636 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	42.3	63.5
89	77.7	60.2	90.4
182	3.1	2.3	3.5

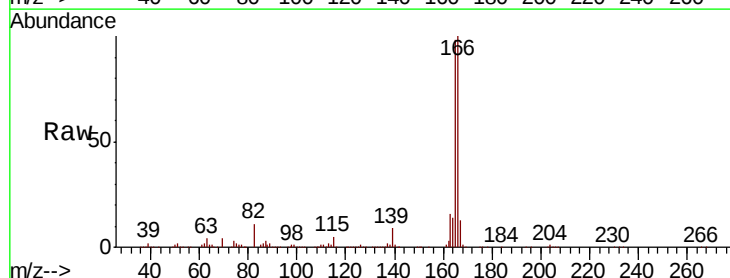


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

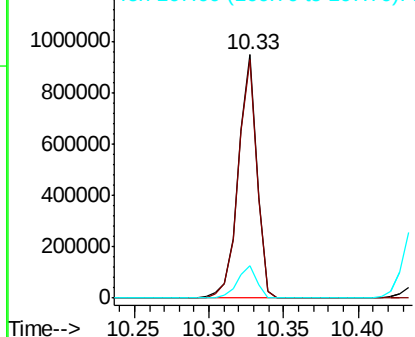
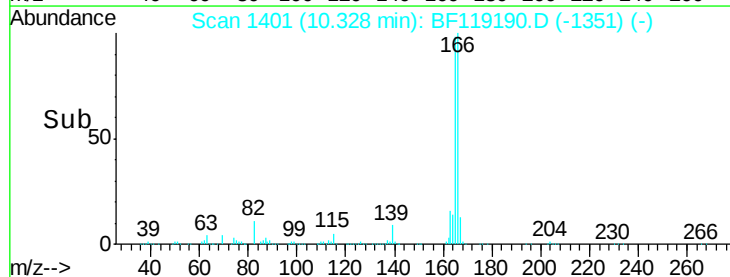


#58
 Fluorene
 Concen: 42.143 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.5	117.7
167	13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

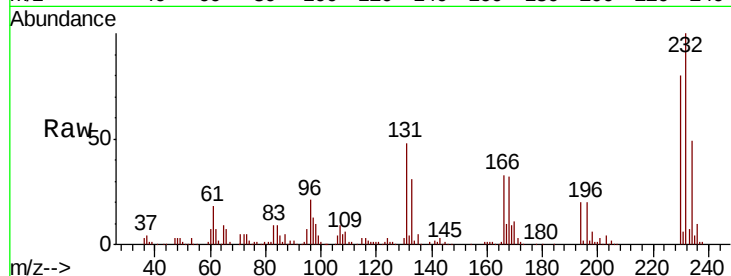




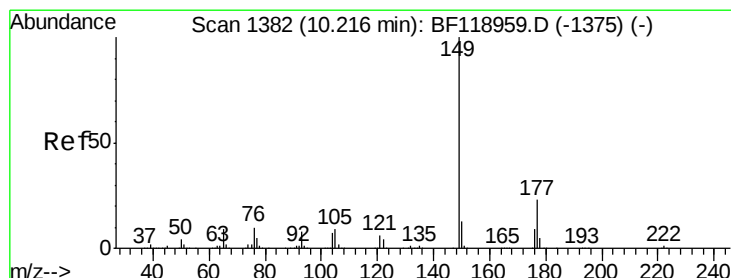
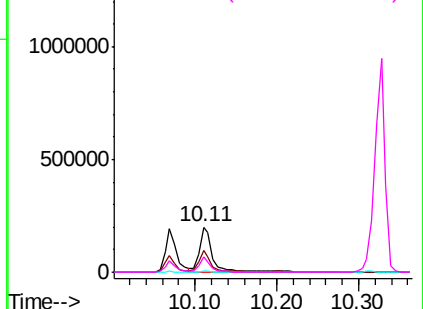
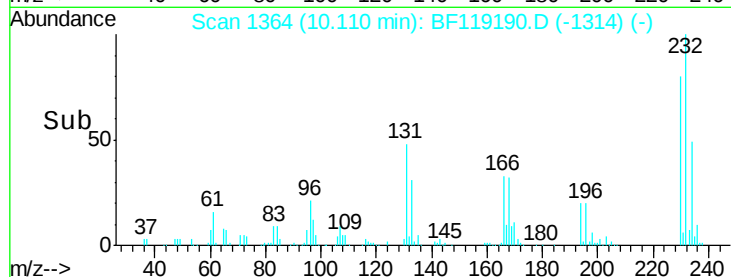
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.784 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	222667
Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.8	50.8
130	2.3	1.8	2.6
166	28.1	23.0	34.4

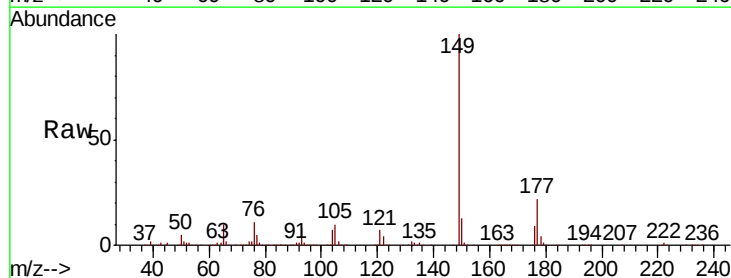


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

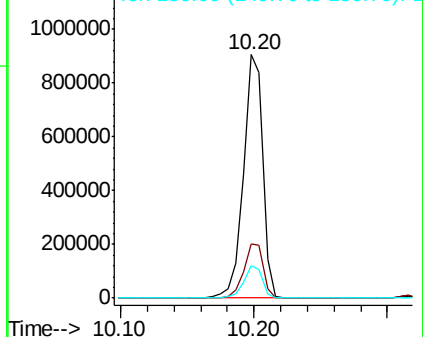
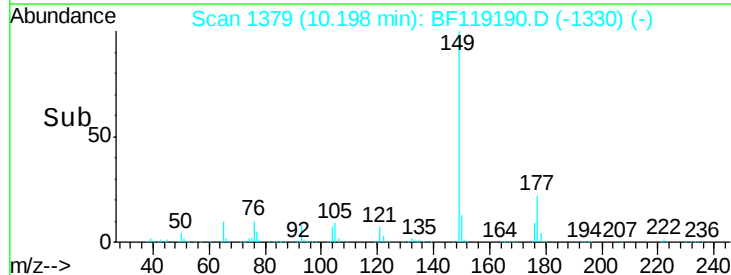


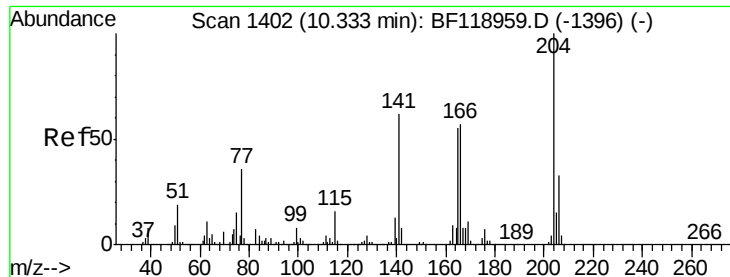
#60
 Diethylphthalate
 Concen: 42.093 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:	149	Resp:	900543
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	13.3	10.5	15.7



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

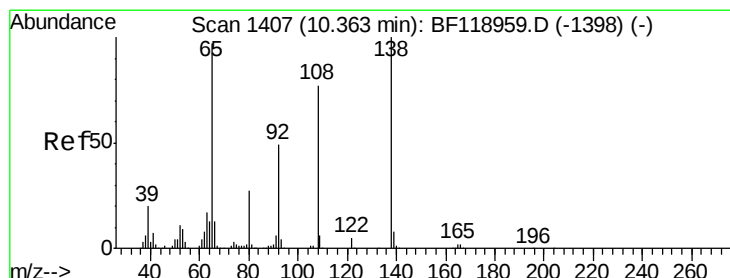
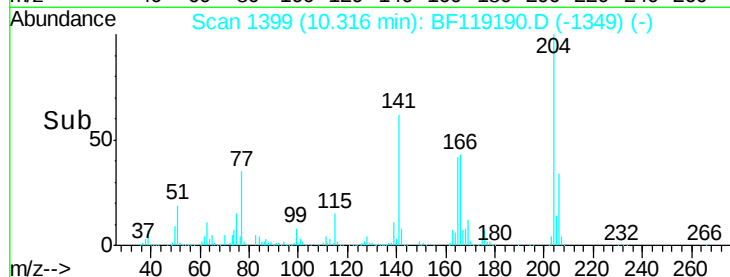
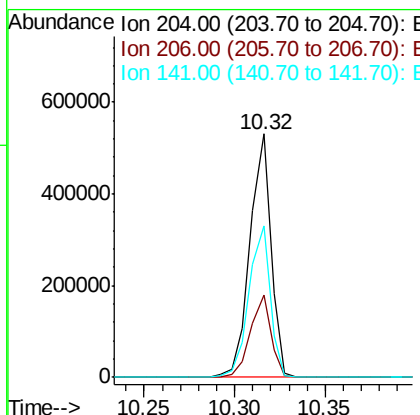
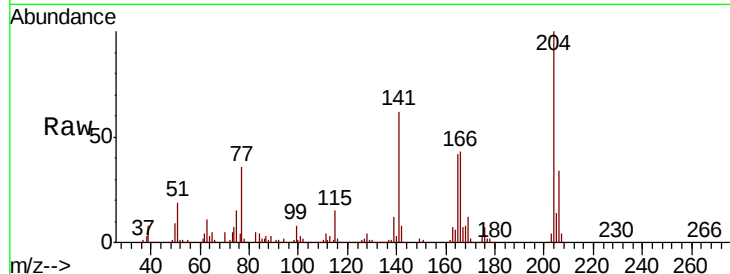




#61
4-Chlorophenyl-phenylether
Concen: 41.807 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

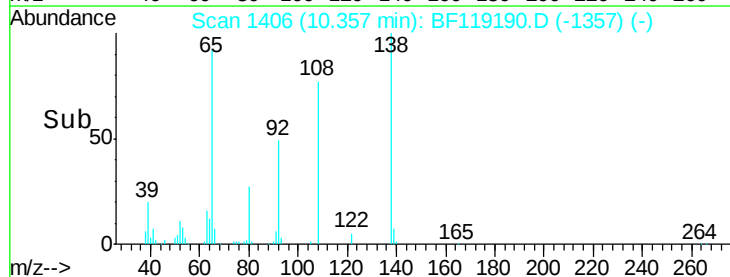
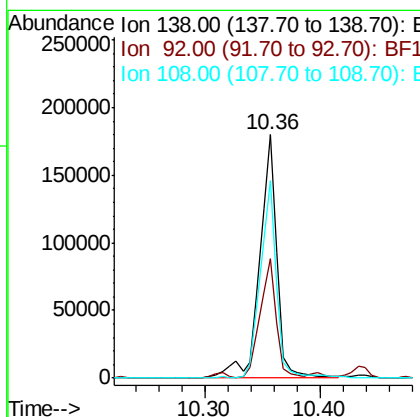
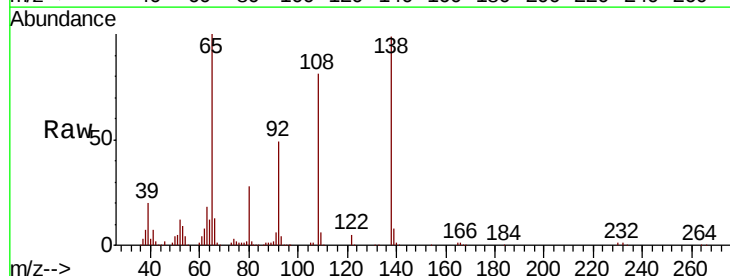
Instrument :
BNA_F
ClientSampleId :

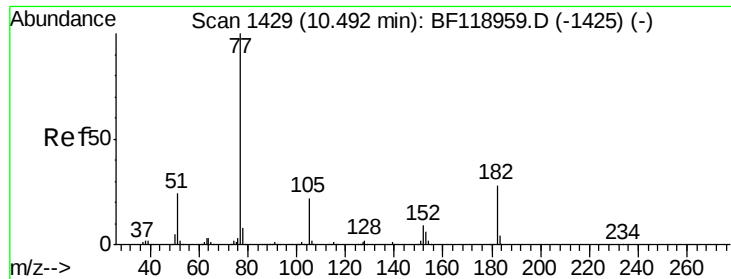
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.1	40.7
141	62.4	52.9	79.3



#62
4-Nitroaniline
Concen: 33.394 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	27.3	67.3
108	81.1	57.0	97.0

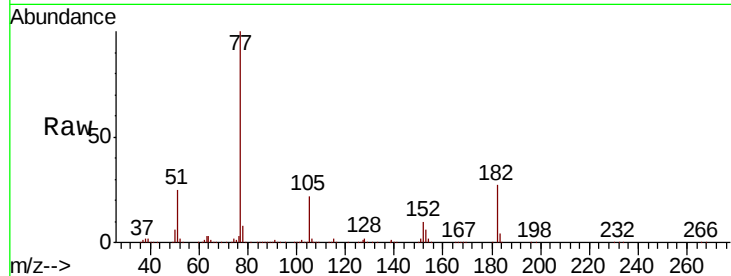




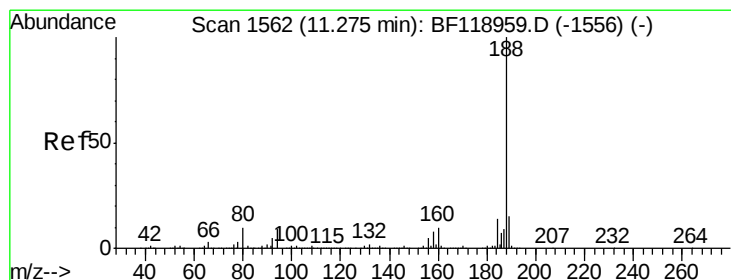
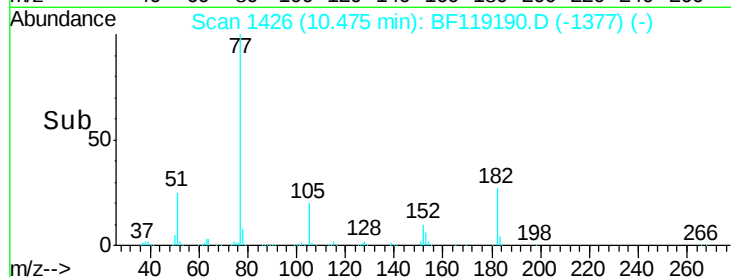
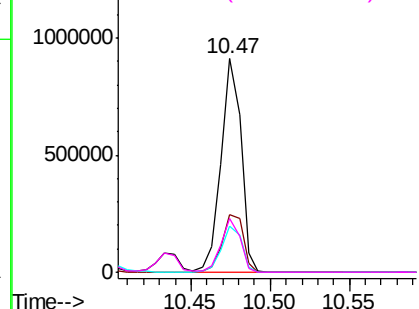
#63
Azobenzene
Concen: 42.956 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	798808
Ion	Ratio	Lower	Upper
77	100		
182	27.2	11.4	51.4
105	21.8	3.4	43.4
51	25.2	5.1	45.1

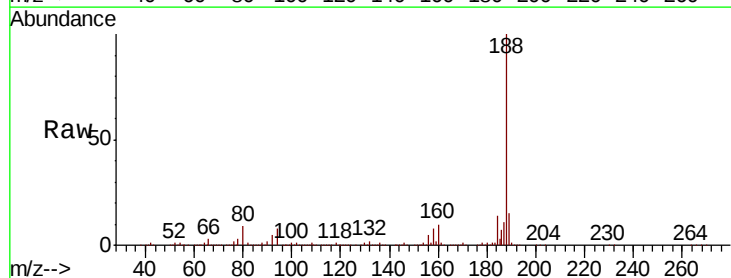


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

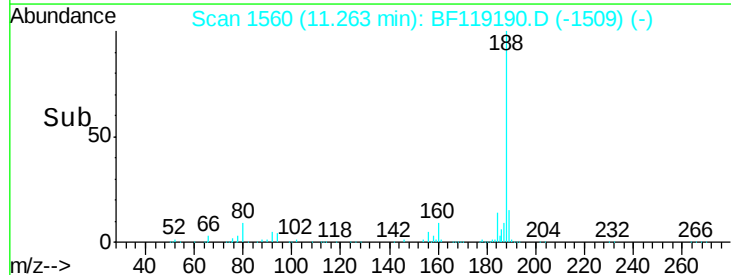
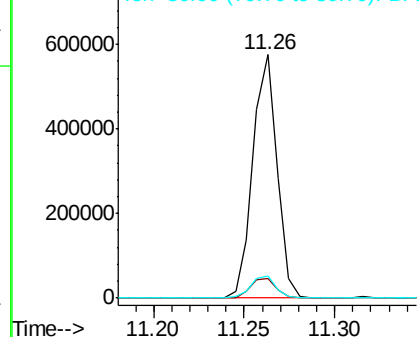


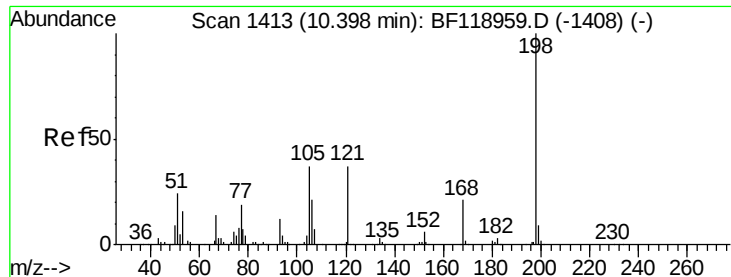
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:	188	Resp:	536184
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	9.1	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.696 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

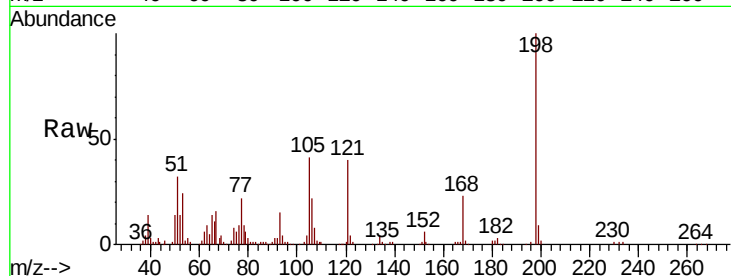
Tot Ion:198 Resp: 141771

Ion	Ratio	Lower	Upper
198	100		
51	31.6	14.2	54.2
105	40.6	22.7	62.7

198 100

51 31.6 14.2 54.2

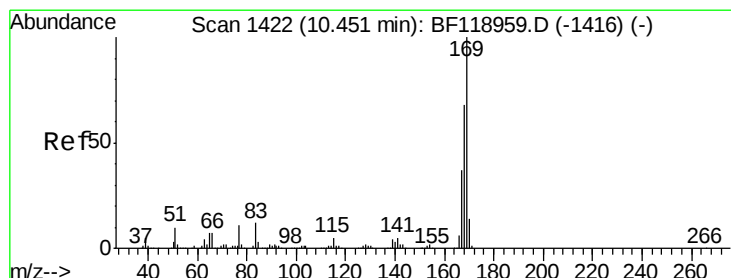
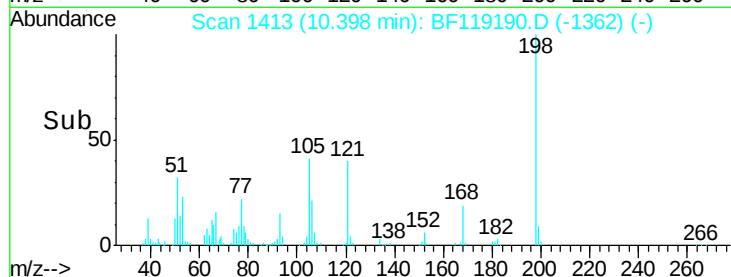
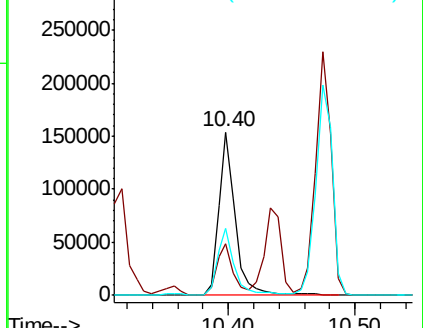
105 40.6 22.7 62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.501 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

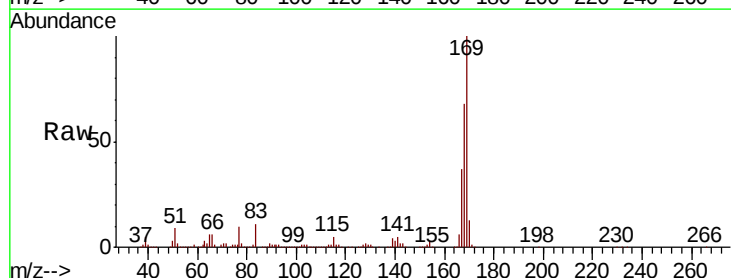
Tgt Ion:169 Resp: 746168

Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.1	81.1
167	37.0	29.4	44.0

169 100

168 67.7 54.1 81.1

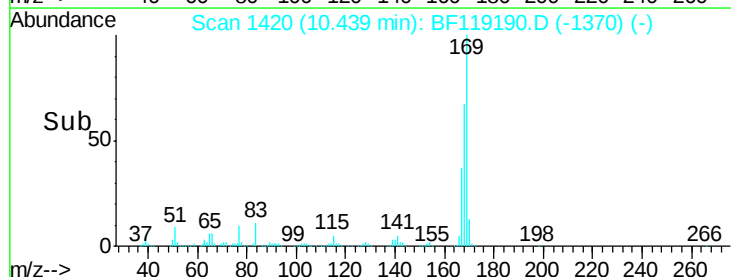
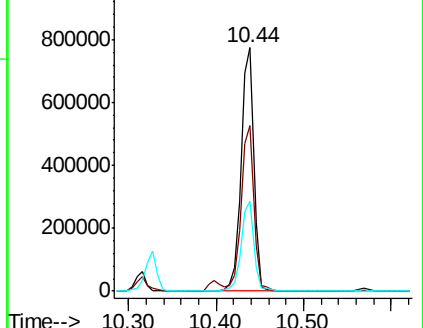
167 37.0 29.4 44.0

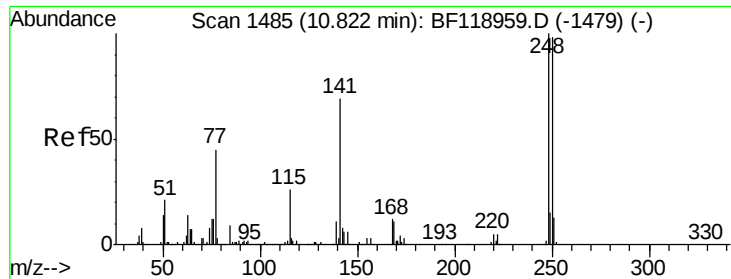


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

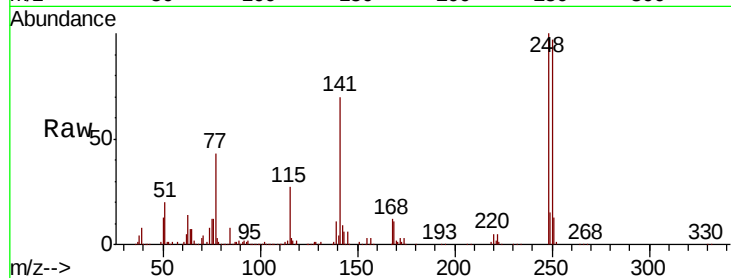




#67
4-Bromophenyl-phenylether
Concen: 41.260 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	69.9	60.7	91.1

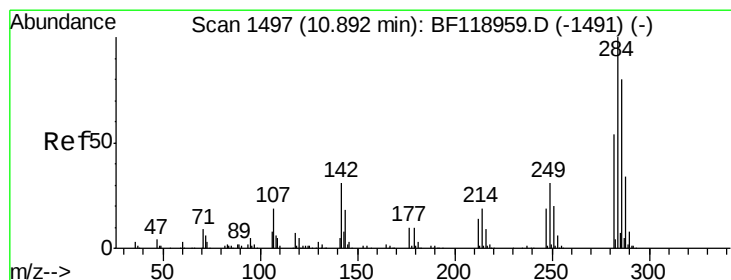
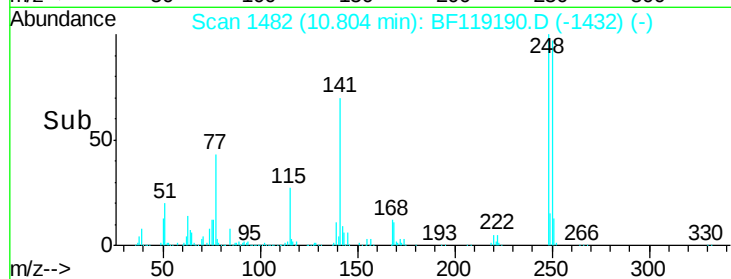
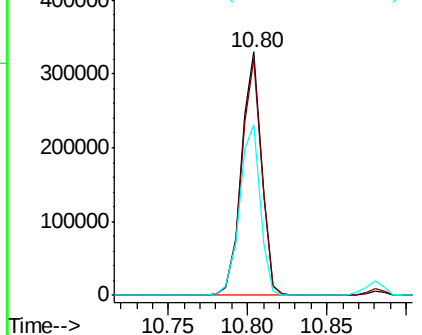


Abundance

Ion 248.00 (247.70 to 248.70): E

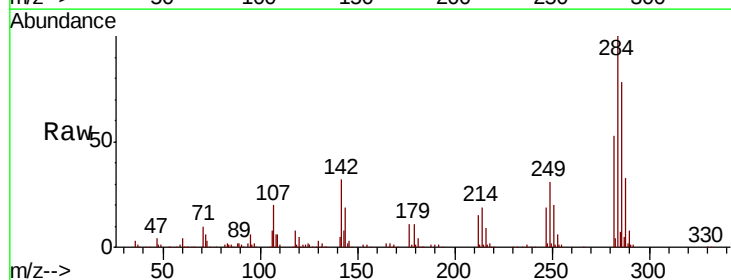
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.211 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	23.7	35.5
249	30.8	25.0	37.6

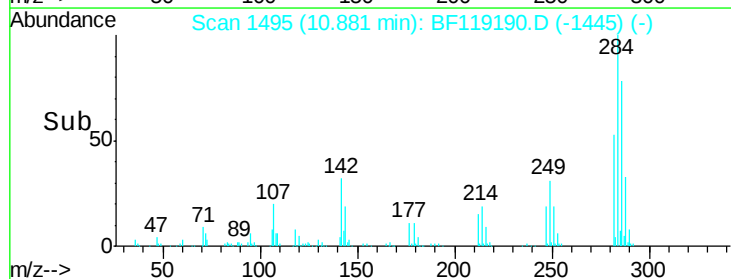
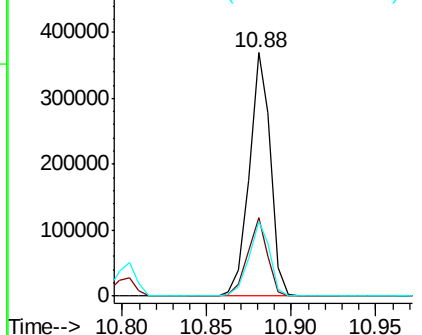


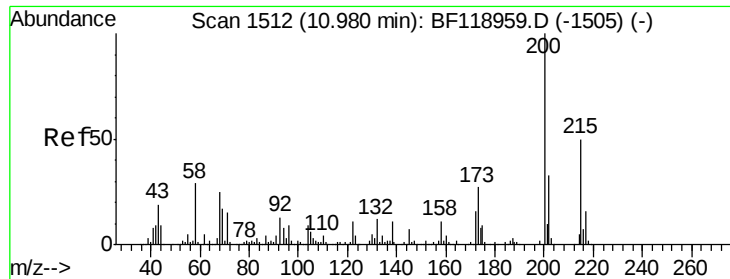
Abundance

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

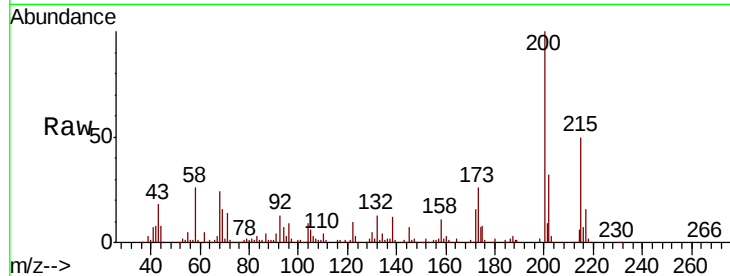




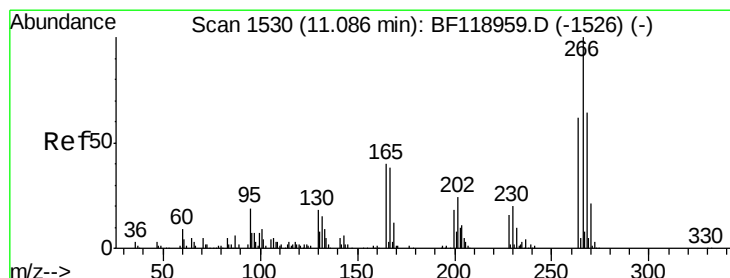
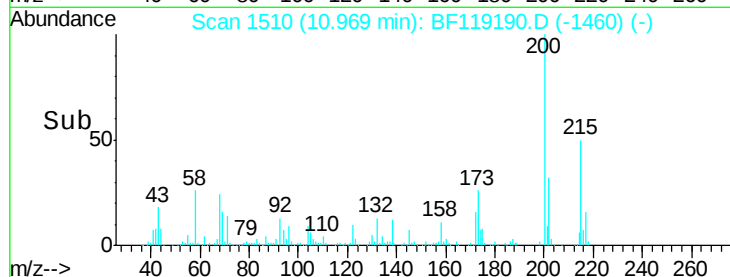
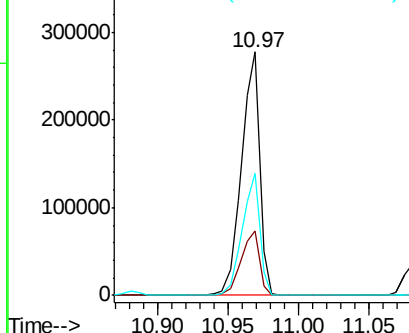
#69
 Atrazine
 Concen: 40.684 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.4	46.4
215	50.3	27.4	67.4

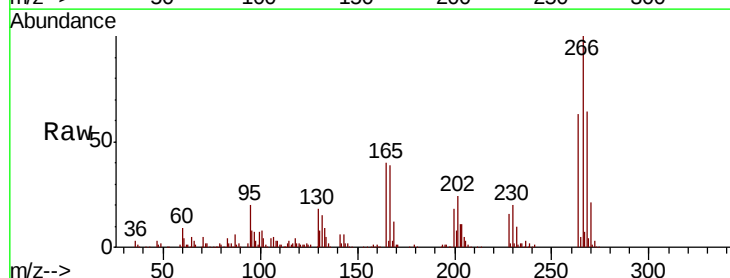


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

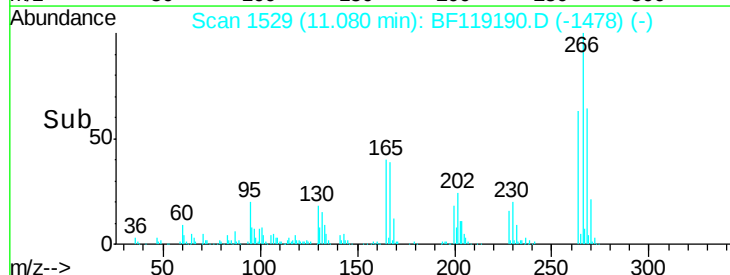
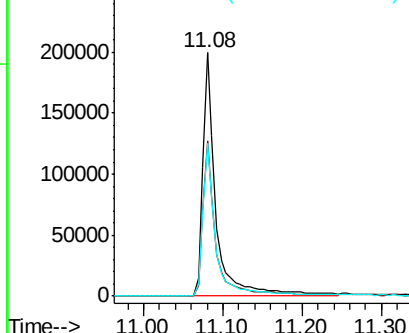


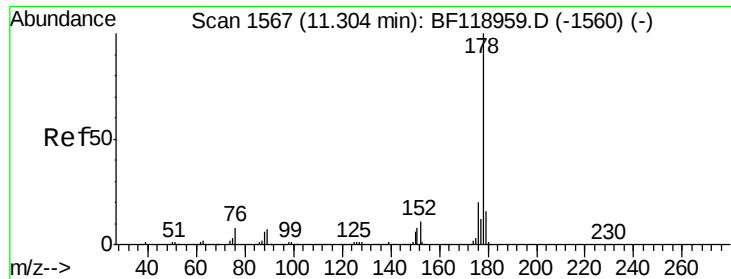
#70
 Pentachlorophenol
 Concen: 73.071 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.9	77.9
264	62.6	51.0	76.4



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

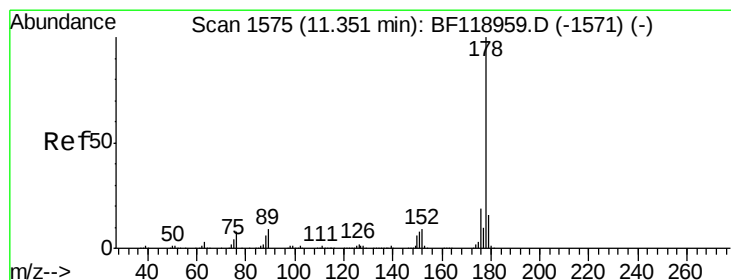
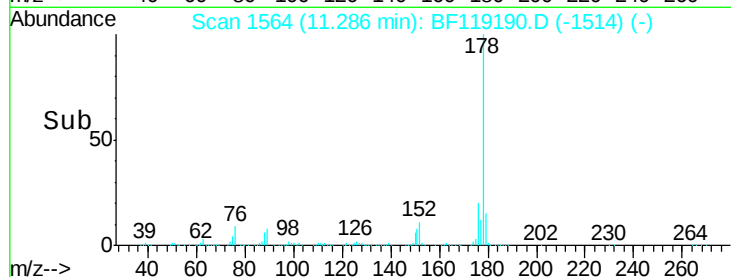
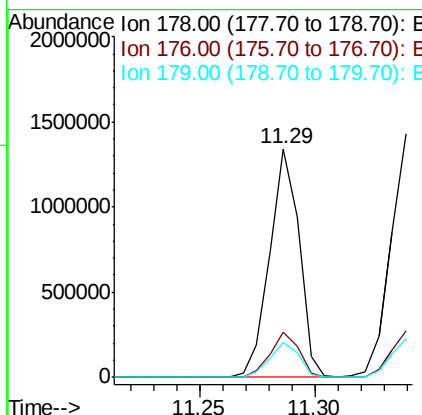
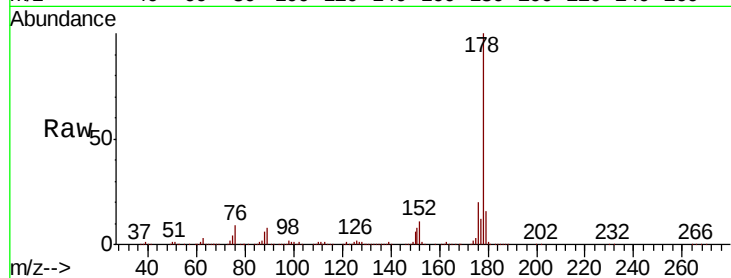




#71
Phenanthrene
Concen: 40.895 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

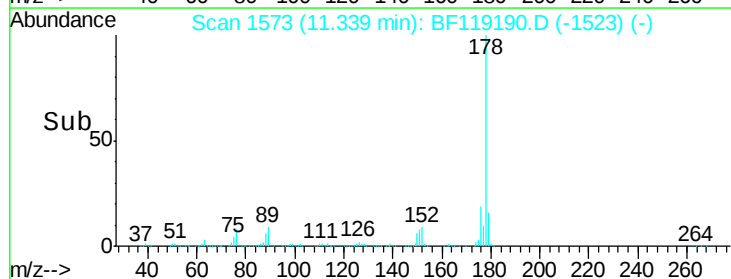
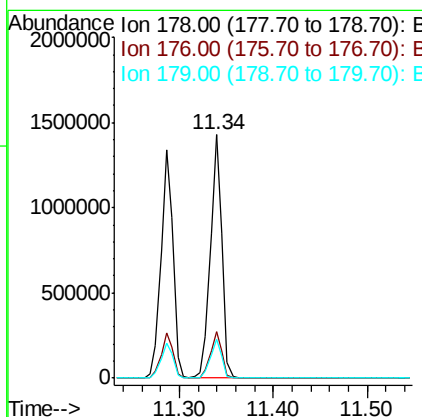
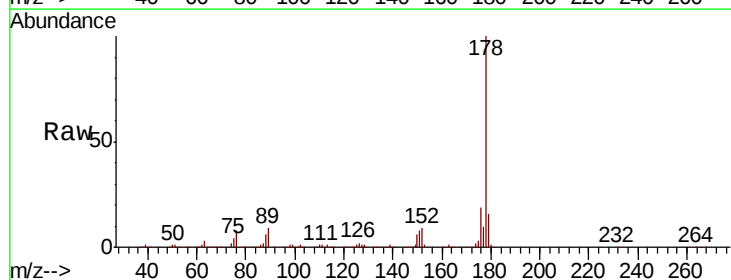
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1195819
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.6 13.0 19.6



#72
Anthracene
Concen: 42.855 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:178 Resp: 1252081
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.2 13.1 19.7



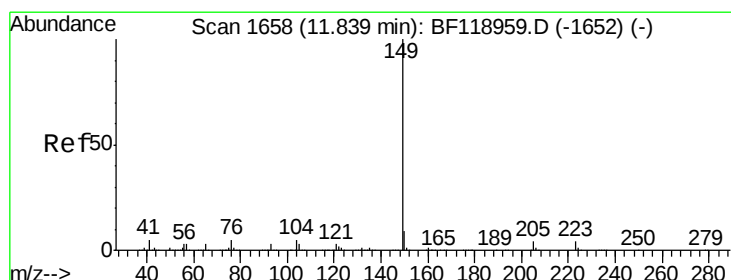
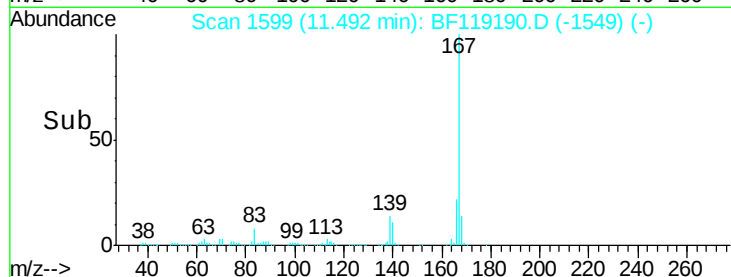
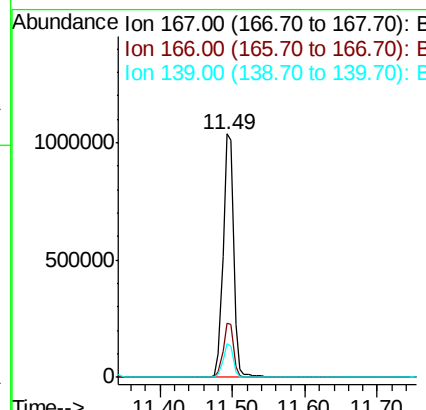
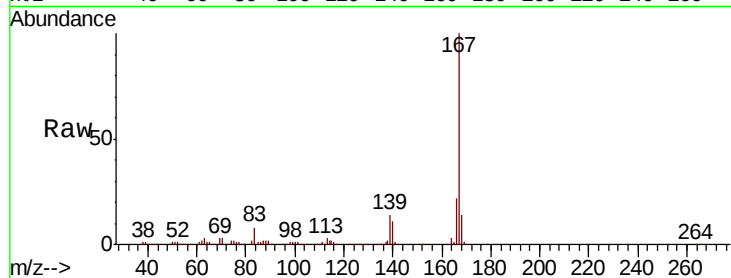


#73
 Carbazole
 Concen: 40.524 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1054775

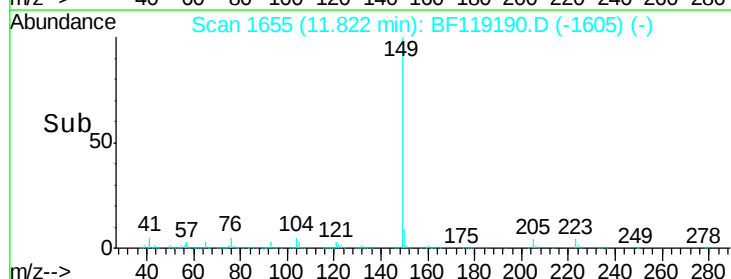
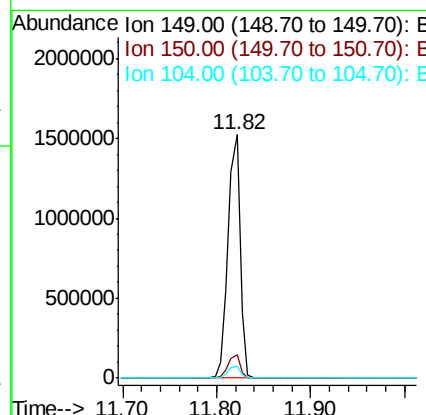
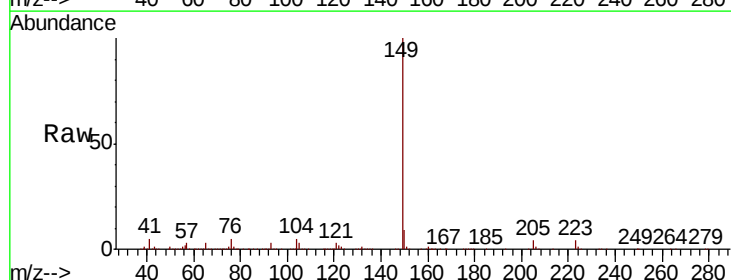
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.9	11.7	17.5

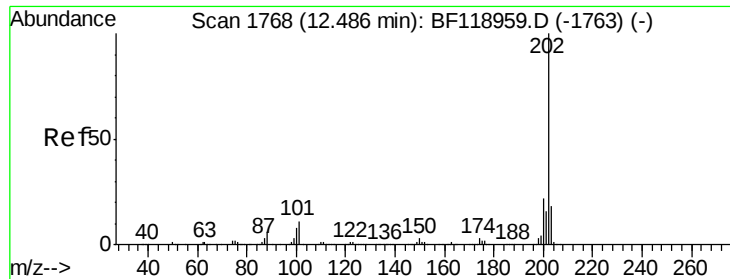


#74
 Di-n-butylphthalate
 Concen: 43.878 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:149 Resp: 1383062

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.0	4.6	6.8





#75

Fluoranthene

Concen: 39.562 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

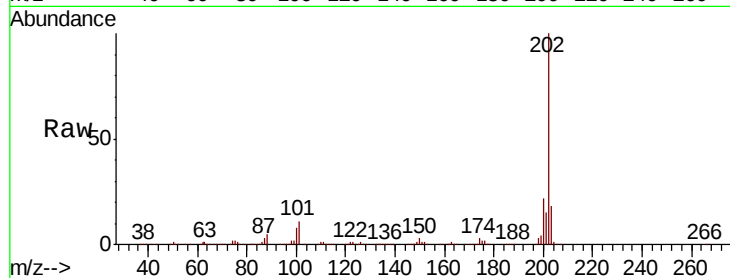
Tot Ion:202 Resp: 1227937

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

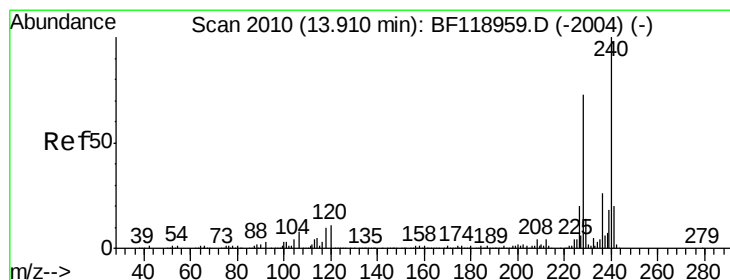
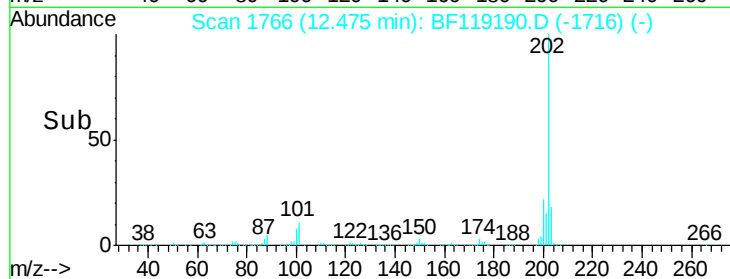
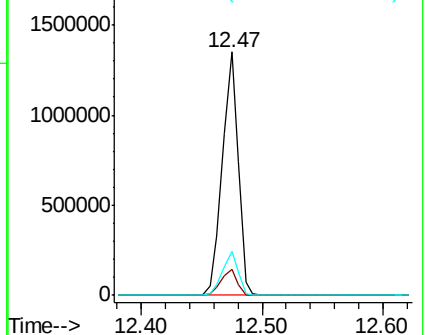
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

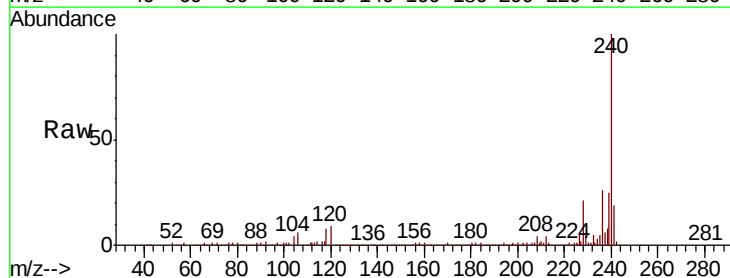
Tgt Ion:240 Resp: 314566

Ion Ratio Lower Upper

240 100

120 8.5 8.4 12.6

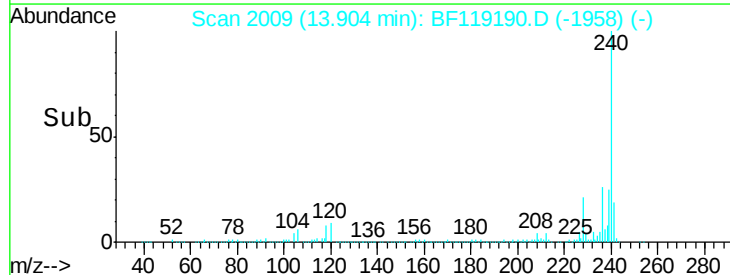
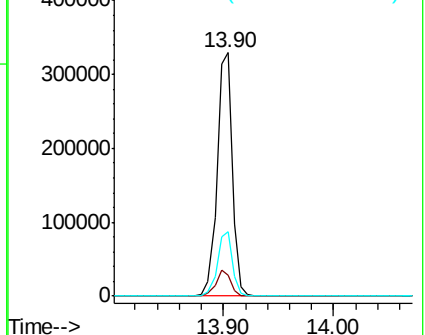
236 26.3 21.0 31.4

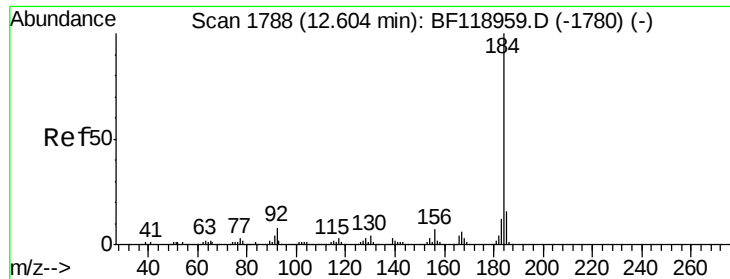


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.653 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

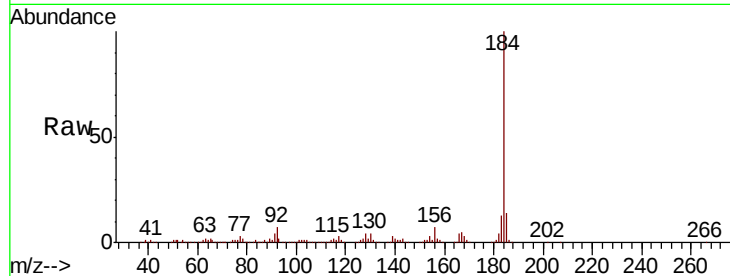
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 520083

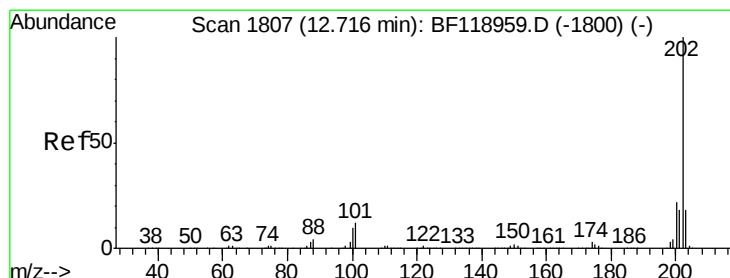
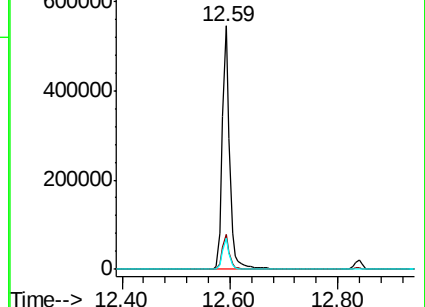
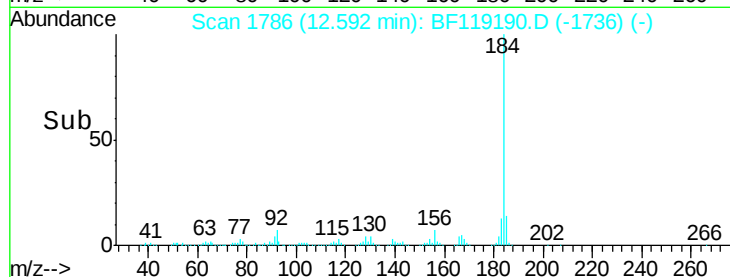
Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.2	18.4
183	12.5	9.9	14.9



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: 47.808 ng

RT: 12.70 min Scan# 1805

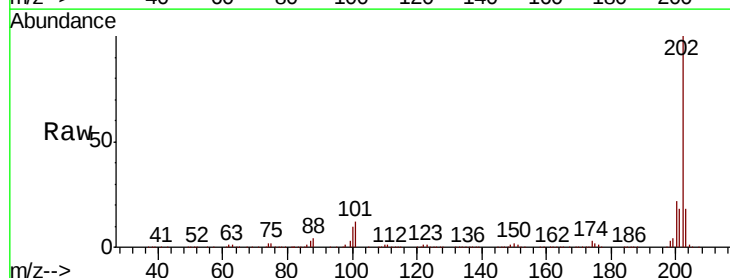
Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:202 Resp: 1207585

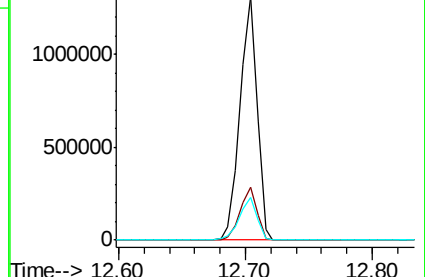
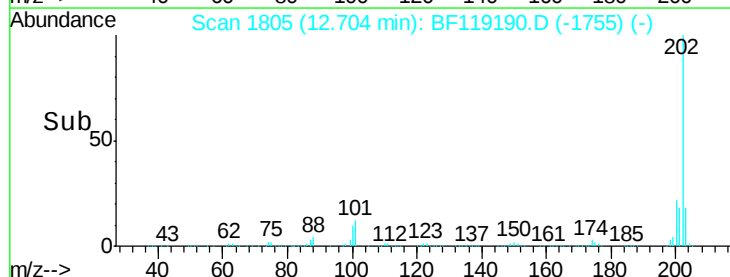
Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.0	27.0
203	17.5	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.649 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

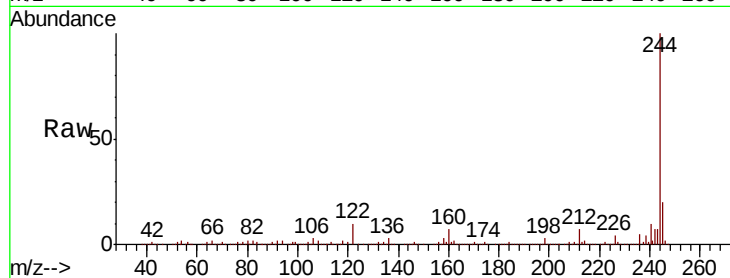
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1455255

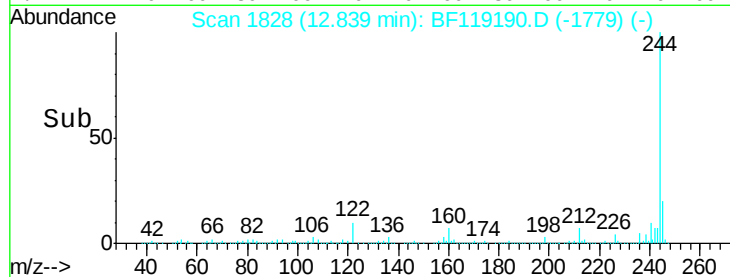
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	10.1	8.2	12.2



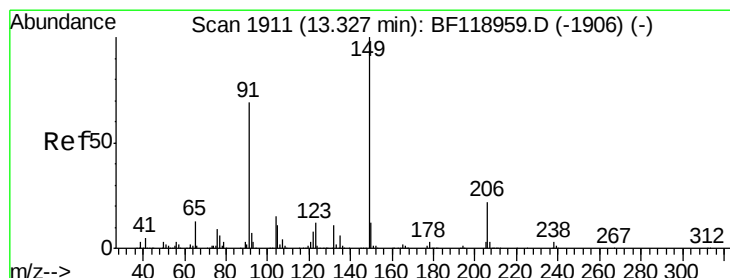
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 50.078 ng

RT: 13.31 min Scan# 1908

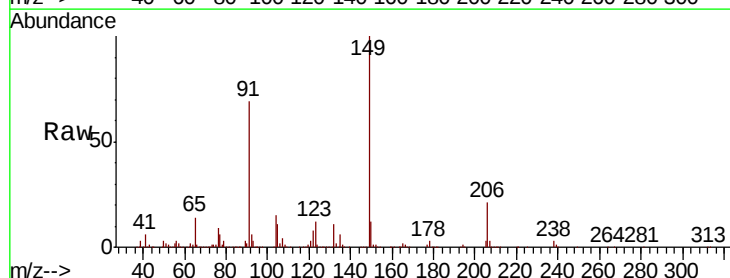
Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:149 Resp: 532377

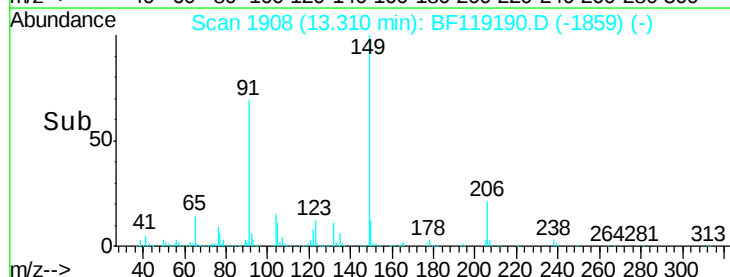
Ion	Ratio	Lower	Upper
149	100		
91	69.1	52.3	78.5
206	21.3	18.5	27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



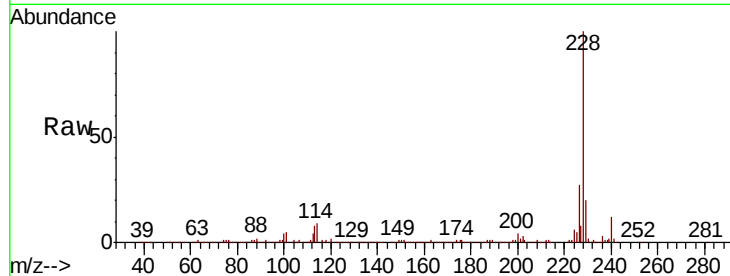
Time-->



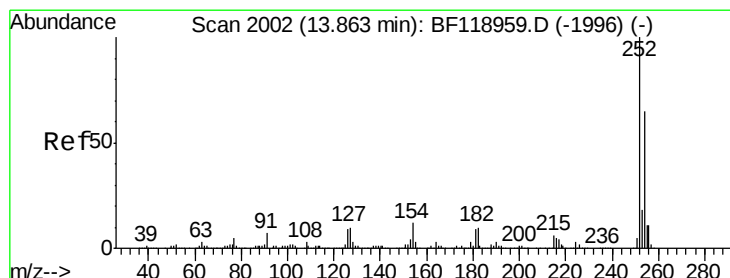
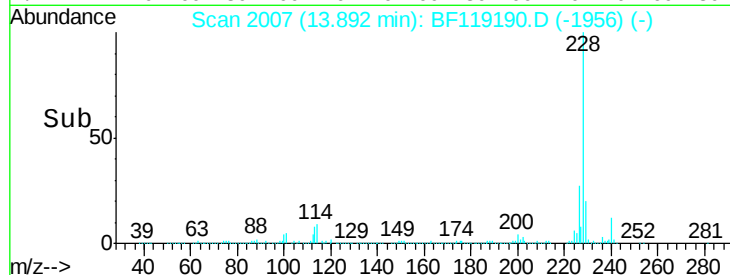
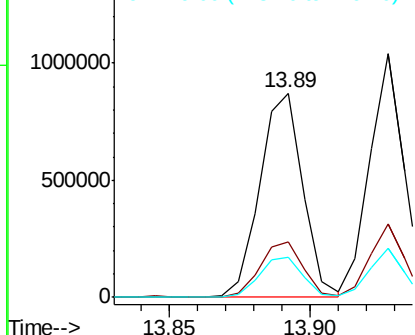
#81
Benzo(a)anthracene
Concen: 42.847 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 918350
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.5 16.6 24.8

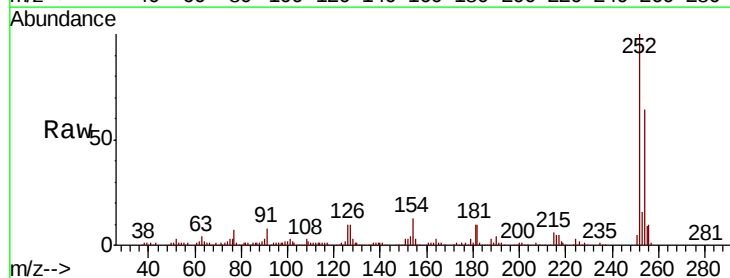


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

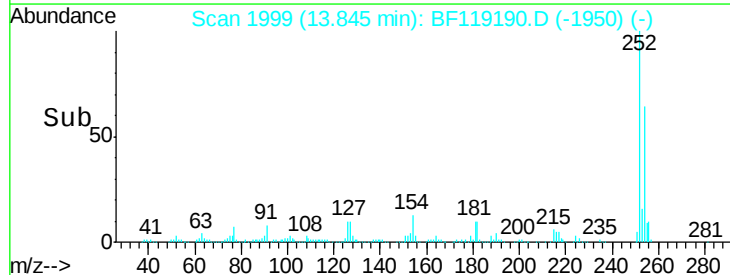
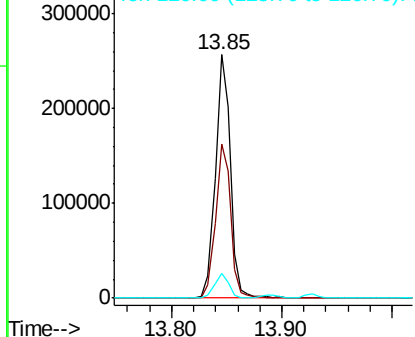


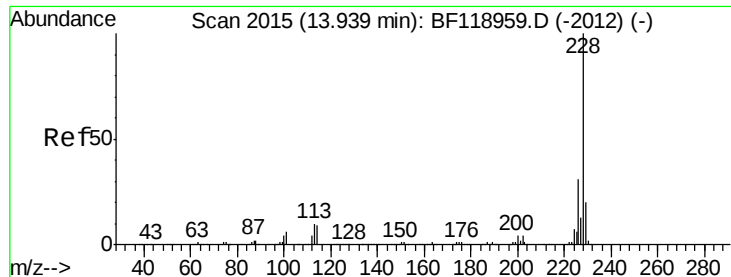
#82
3,3'-Dichlorobenzidine
Concen: 28.966 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:252 Resp: 241076
Ion Ratio Lower Upper
252 100
254 63.5 51.6 77.4
126 10.4 7.4 11.0



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

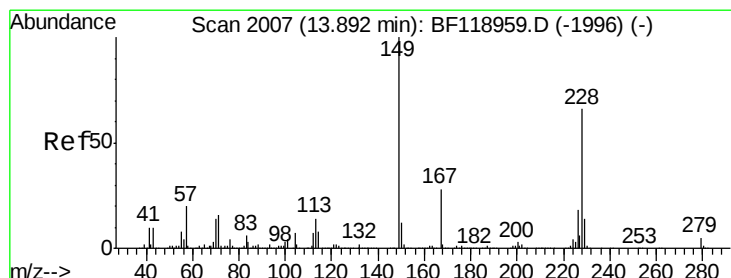
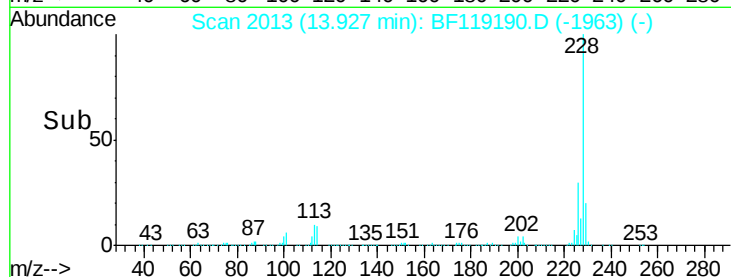
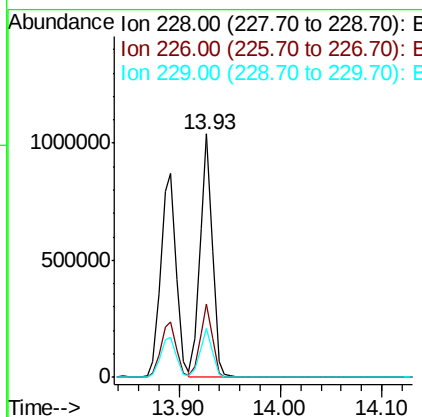
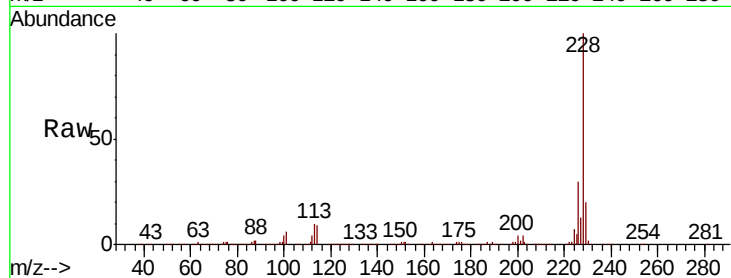




#83
 Chrvsene
 Concen: 40.971 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

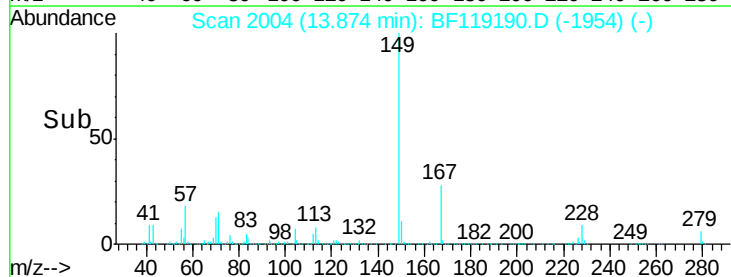
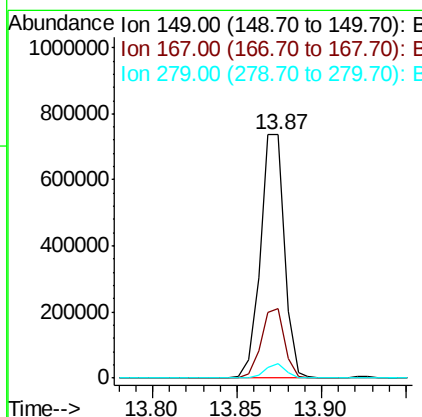
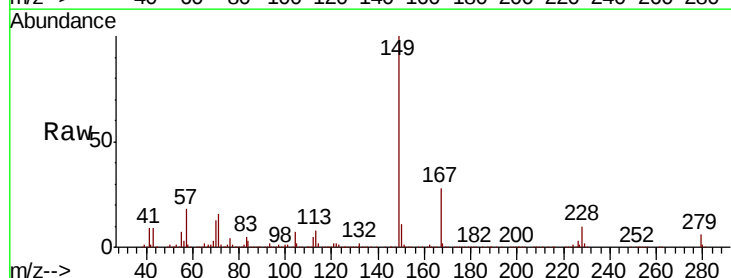
Instrument :
 BNA_F
 ClientSampleId :

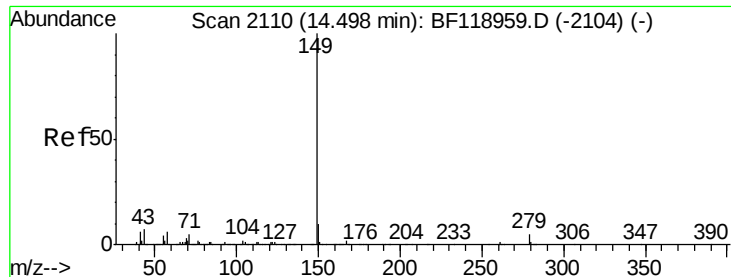
Tot Ion:228 Resp: 874993
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.1 37.7
 229 20.1 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.189 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:149 Resp: 727789
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.8 34.2
 279 5.8 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 51.020 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

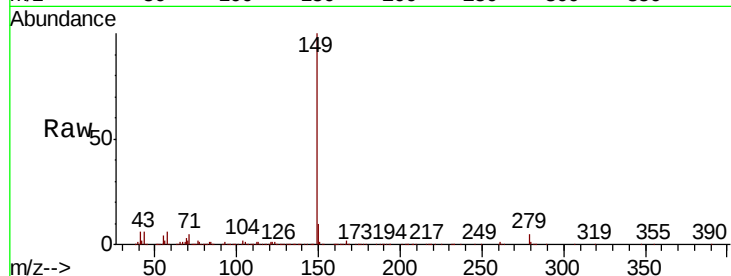
Tot Ion:149 Resp: 1091781

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

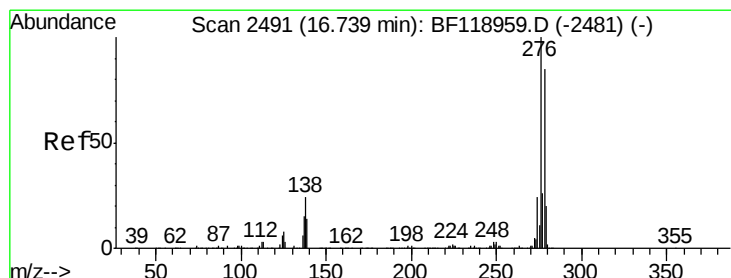
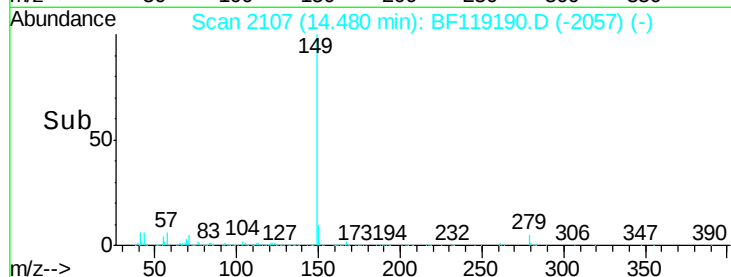
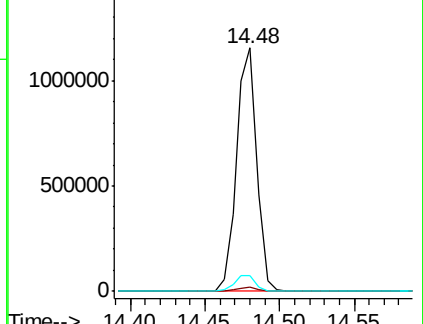
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.745 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

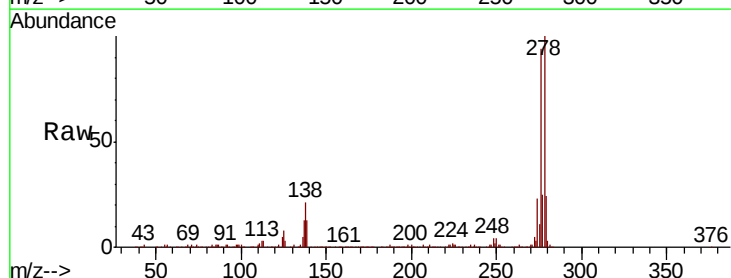
Tgt Ion:276 Resp: 904617

Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.0

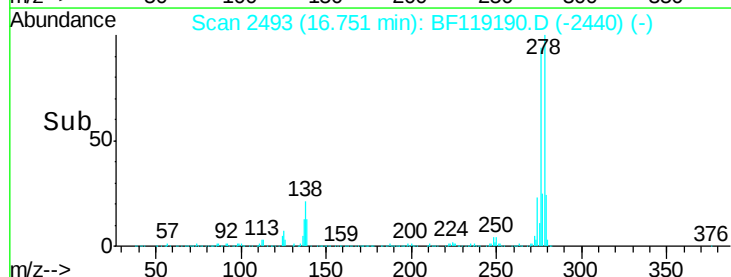
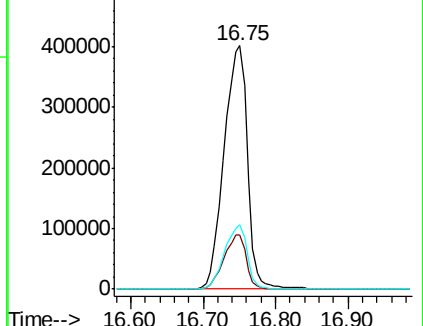
277 25.4 20.3 30.5

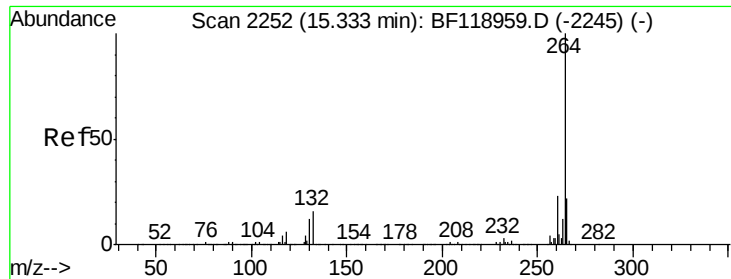


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2251

Delta R.T. 0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

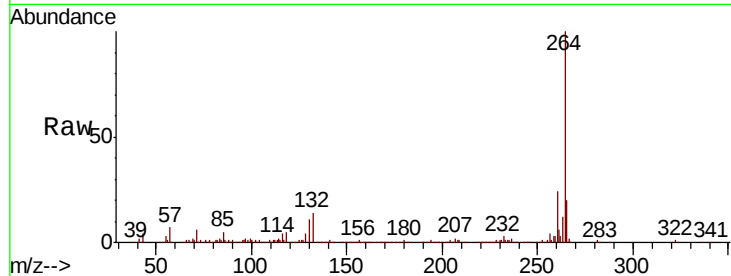
Tot Ion:264 Resp: 287059

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

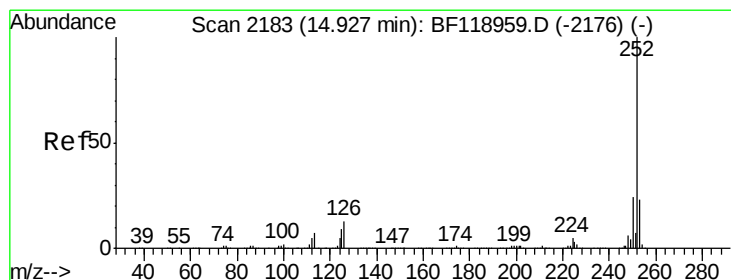
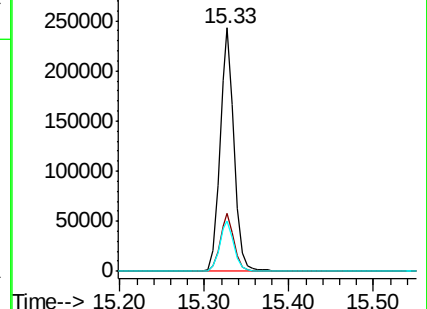
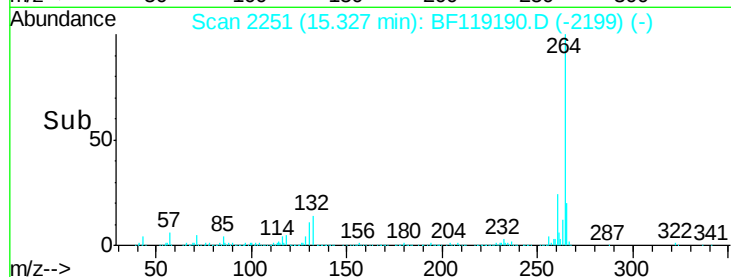
265 20.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.726 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

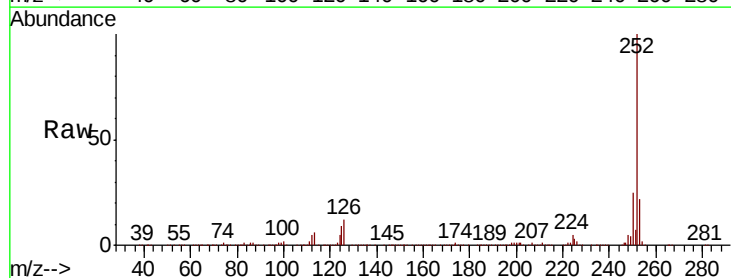
Tgt Ion:252 Resp: 770595

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

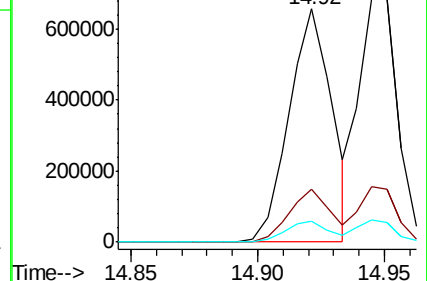
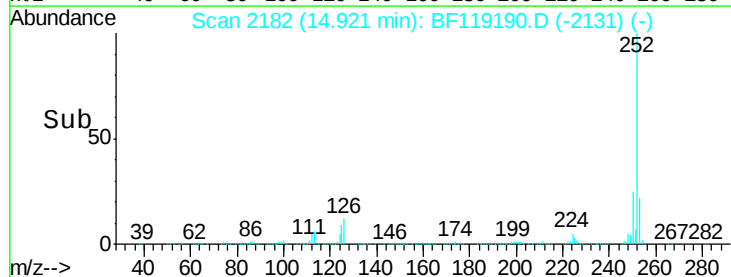
125 9.3 7.4 11.0

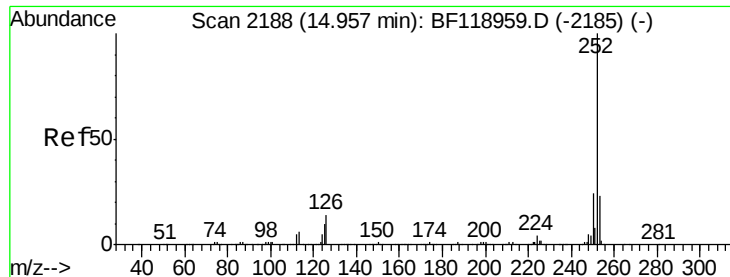


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

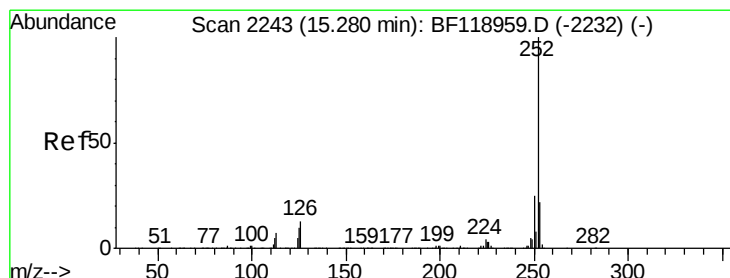
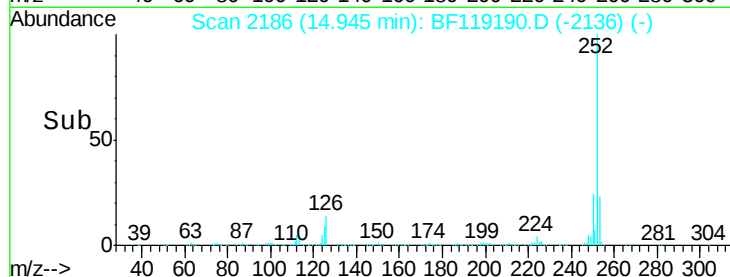
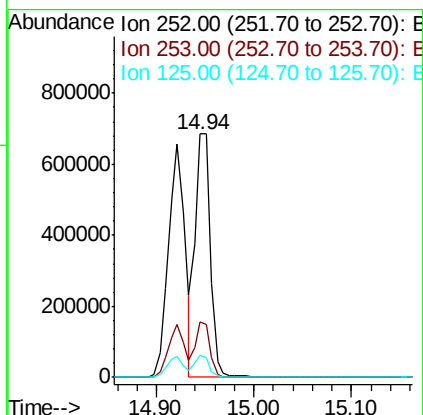
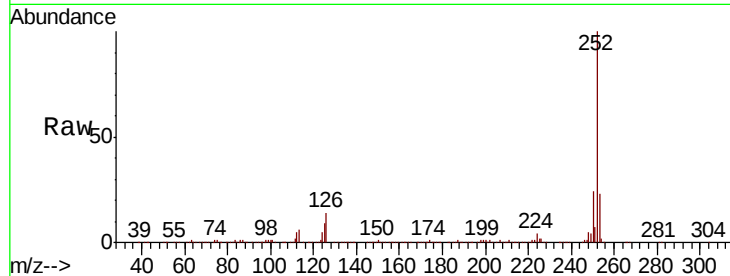




#89
Benzo(k)fluoranthene
Concen: 42.141 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

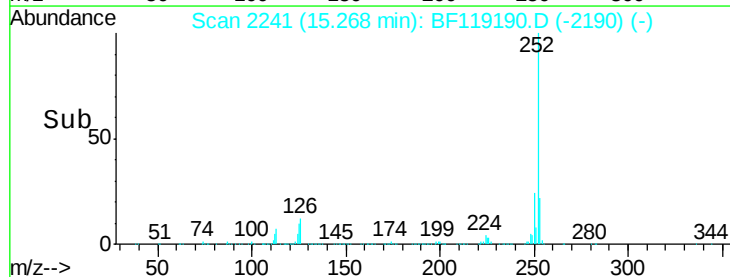
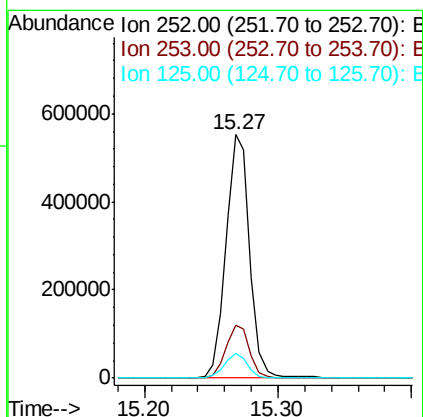
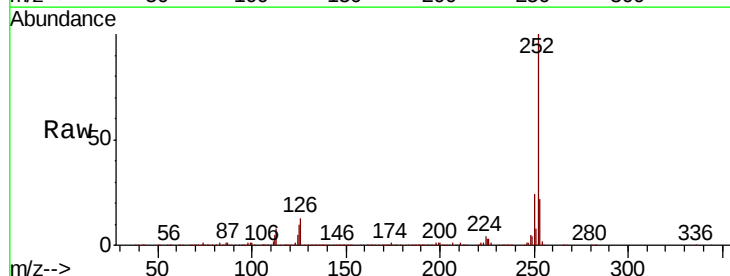
Instrument :
BNA_F
ClientSampleId :

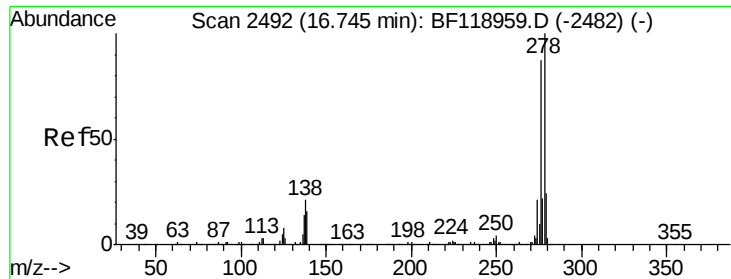
Tot Ion:252 Resp: 738929
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 40.359 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:252 Resp: 689208
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.3 8.6 12.8

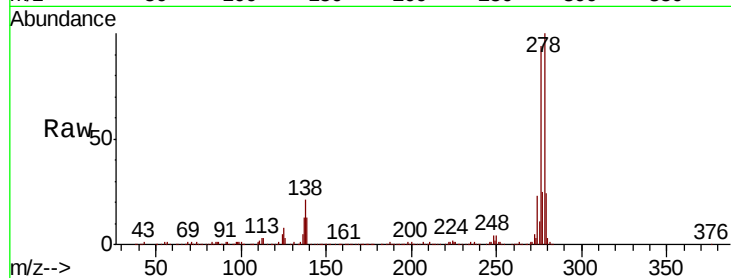




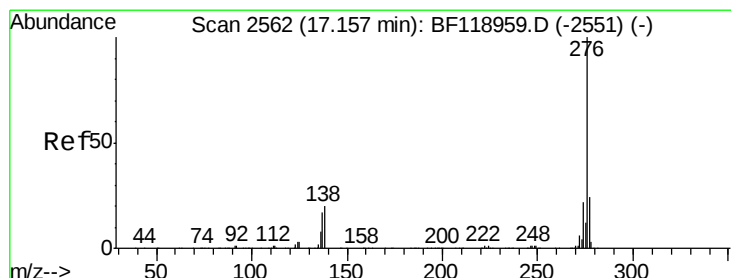
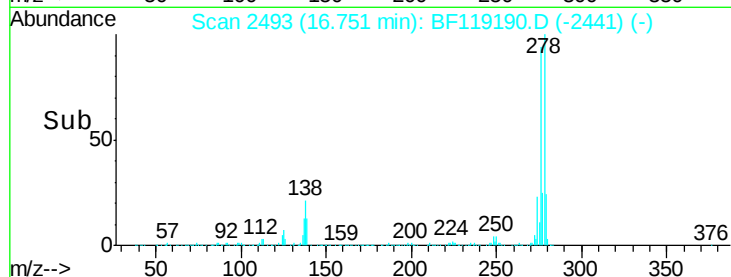
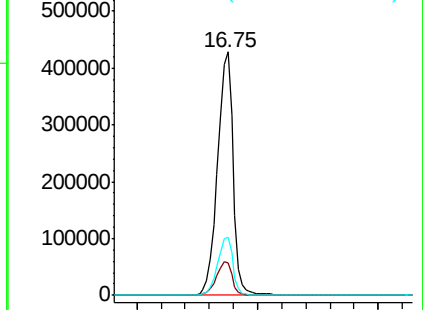
#91
 Dibenzo(a,h)anthracene
 Concen: 50.898 ng
 RT: 16.75 min Scan# 2493
 Delta R.T. 0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:278 Resp: 764785
 Ion Ratio Lower Upper
 278 100
 139 13.4 11.0 16.4
 279 23.7 18.6 28.0

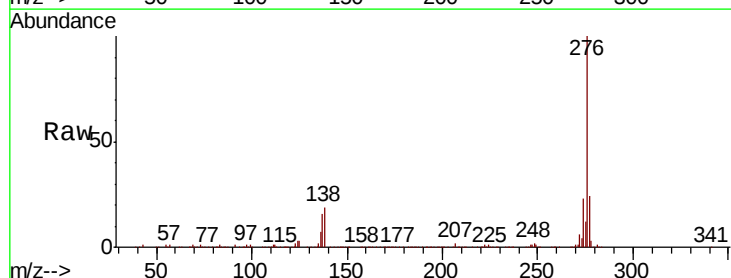


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 51.223 ng
 RT: 17.17 min Scan# 2564
 Delta R.T. 0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:276 Resp: 760472
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.7 28.1
 138 18.6 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

