

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119036.D
 Acq On : 24 Feb 2020 22:29
 Operator : CG/JU
 Sample : L1635-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:27:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	158308	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	592294	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	311376	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	529794	20.00	ng	0.00
76) Chrysene-d12	13.91	240	317028	20.00	ng	0.00
87) Perylene-d12	15.33	264	362680	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1090592	115.13	ng	0.00
7) Phenol-d6	6.40	99	1300972	112.92	ng	0.00
23) Nitrobenzene-d5	7.32	82	872510	77.78	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	439468	107.89	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1641979	77.68	ng	0.00
79) Terphenyl-d14	12.85	244	1592171	86.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	152539	36.167	ng	99
3) Pyridine	3.26	79	394238	34.227	ng	99
4) n-Nitrosodimethylamine	3.19	42	152458	43.693	ng	92
6) Aniline	6.42	93	192563	13.546	ng	# 1
8) 2-Chlorophenol	6.55	128	461796	45.172	ng	98
9) Benzaldehyde	6.30	77	195526	25.402	ng	100
10) Phenol	6.42	94	521151	41.839	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	423642	44.451	ng	99
12) 1,3-Dichlorobenzene	6.70	146	512949	41.863	ng	100
13) 1,4-Dichlorobenzene	6.77	146	518228	42.265	ng	100
14) 1,2-Dichlorobenzene	6.93	146	477656	42.715	ng	99
15) Benzyl Alcohol	6.90	79	379295	45.553	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	342388	41.472	ng	86
17) 2-Methylphenol	7.02	107	359498	43.374	ng	95
18) Hexachloroethane	7.26	117	182604	41.627	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	295175	43.970	ng	98
20) 3+4-Methylphenols	7.17	107	446501	43.971	ng	# 76
22) Acetophenone	7.17	105	594087	43.351	ng	97
24) Nitrobenzene	7.34	77	461599	41.611	ng	99
25) Isophorone	7.58	82	824946	42.344	ng	100
26) 2-Nitrophenol	7.66	139	254545	43.307	ng	99
27) 2,4-Dimethylphenol	7.70	122	378700	47.473	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	504739	39.804	ng	100
29) 2,4-Dichlorophenol	7.90	162	385444	41.044	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	442011	39.698	ng	99
31) Naphthalene	8.06	128	1279427	41.652	ng	100
32) Benzoic acid	7.85	122	257452	44.756	ng	98
33) 4-Chloroaniline	8.11	127	69523	5.262	ng	99
34) Hexachlorobutadiene	8.18	225	272621	39.308	ng	97
35) Caprolactam	8.49	113	87163	30.143	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	389882	41.023	ng	98
37) 2-Methylnaphthalene	8.75	142	867539	41.967	ng	100
38) 1-Methylnaphthalene	8.85	142	815224	41.933	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	439217	41.837	ng	99

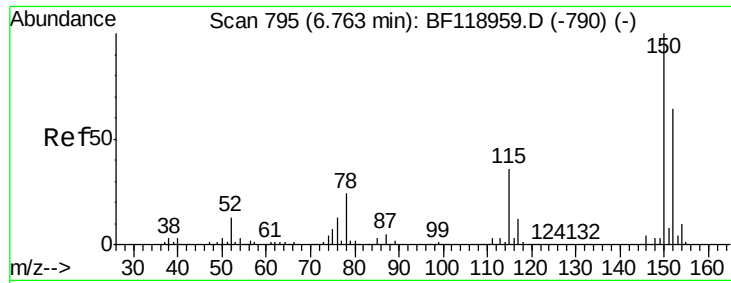
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119036.D
 Acq On : 24 Feb 2020 22:29
 Operator : CG/JU
 Sample : L1635-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Feb 25 00:27:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	290527	76.494	ng	96
43) 2,4,6-Trichlorophenol	9.03	196	283803	42.808	ng	100
44) 2,4,5-Trichlorophenol	9.08	196	294954	42.398	ng	98
46) 1,1'-Biphenyl	9.22	154	1047462	41.623	ng	100
47) 2-Chloronaphthalene	9.24	162	811853	40.033	ng	99
48) 2-Nitroaniline	9.33	65	216186	38.220	ng	98
49) Acenaphthylene	9.65	152	1265609	43.210	ng	100
50) Dimethylphthalate	9.52	163	1118699	46.984	ng	99
51) 2,6-Dinitrotoluene	9.58	165	223922	42.330	ng	91
52) Acenaphthene	9.82	154	731418	41.414	ng	100
53) 3-Nitroaniline	9.75	138	69353	11.826	ng	98
54) 2,4-Dinitrophenol	9.86	184	197202	77.010	ng	92
55) Dibenzofuran	10.00	168	1104010	41.880	ng	99
56) 4-Nitrophenol	9.93	139	283901	80.573	ng	98
57) 2,4-Dinitrotoluene	9.99	165	279454	40.756	ng	96
58) Fluorene	10.34	166	856015	41.789	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	243228	41.435	ng	99
60) Diethylphthalate	10.22	149	941952	41.980	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	451430	41.635	ng	99
62) 4-Nitroaniline	10.36	138	183228	30.538	ng	96
63) Azobenzene	10.49	77	823857	42.241	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	153221	47.794	ng	95
66) n-Nitrosodiphenylamine	10.45	169	771143	44.453	ng	99
67) 4-Bromophenyl-phenylether	10.82	248	294045	42.461	ng	97
68) Hexachlorobenzene	10.89	284	329340	41.249	ng	95
69) Atrazine	10.97	200	260261	42.940	ng	99
70) Pentachlorophenol	11.09	266	303476	94.357	ng	99
71) Phenanthrene	11.30	178	1212994	41.983	ng	99
72) Anthracene	11.35	178	1257414	43.557	ng	100
73) Carbazole	11.50	167	1032803	40.159	ng	99
74) Di-n-butylphthalate	11.83	149	1331452	42.750	ng	100
75) Fluoranthene	12.48	202	1158367	37.771	ng	99
77) Benzidine	12.60	184	290808	22.555	ng	98
78) Pyrene	12.71	202	1147277	45.067	ng	99
80) Butylbenzylphthalate	13.33	149	485117	45.278	ng	93
81) Benzo(a)anthracene	13.90	228	917606	42.479	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	189105	22.545	ng	99
83) Chrysene	13.93	228	908707	42.219	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	655314	48.414	ng	100
85) Di-n-octyl phthalate	14.49	149	1038128	48.136	ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1197890	57.478	ng	98
88) Benzo(b)fluoranthene	14.93	252	938891	39.274	ng	99
89) Benzo(k)fluoranthene	14.96	252	931876	42.063	ng	99
90) Benzo(a)pyrene	15.27	252	880505	40.810	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	1002048	52.784	ng	98
92) Benzo(g,h,i)perylene	17.17	276	1040854	55.491	ng	98

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

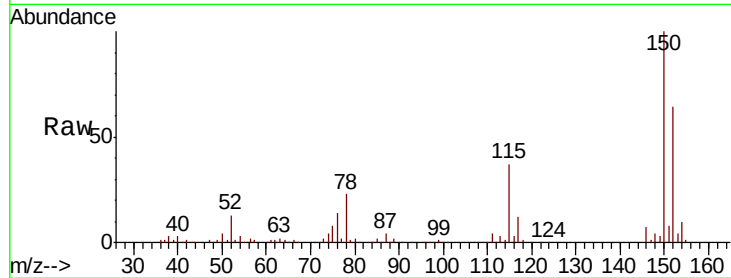


#1

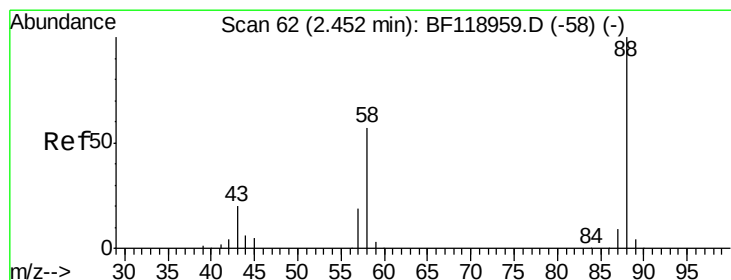
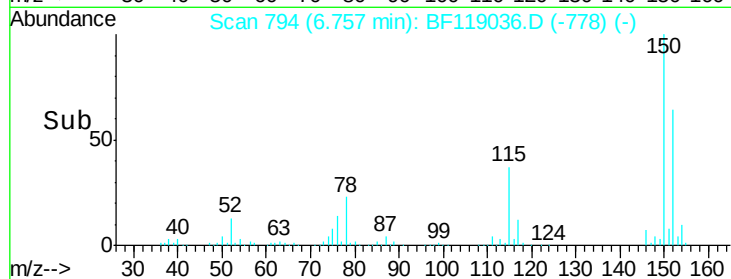
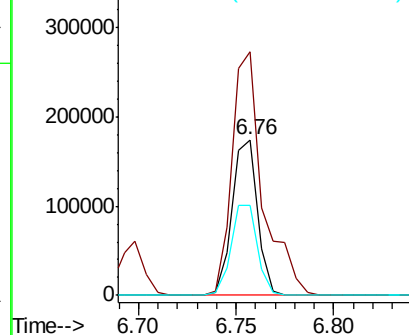
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158308
Ion Ratio Lower Upper
152 100
150 156.6 124.3 186.5
115 57.9 44.6 67.0



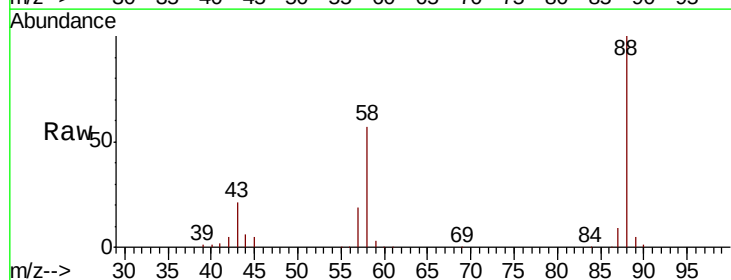
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



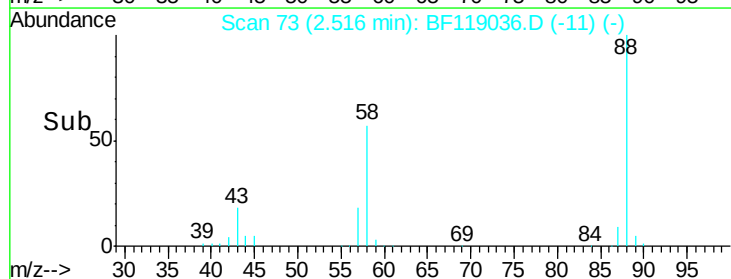
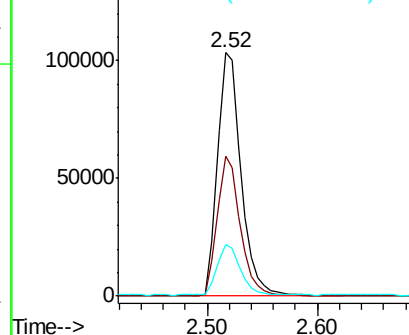
#2

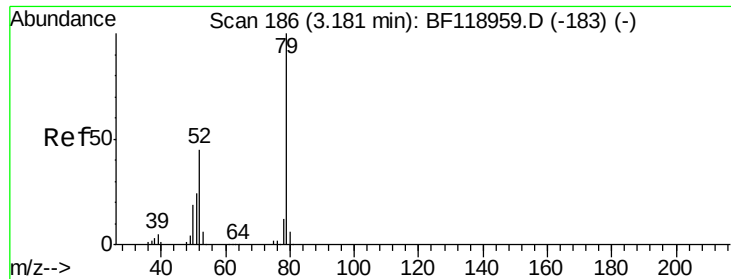
1,4-Dioxane
Concen: 36.167 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion: 88 Resp: 152539
Ion Ratio Lower Upper
88 100
58 56.1 44.6 66.8
43 20.5 16.0 24.0



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

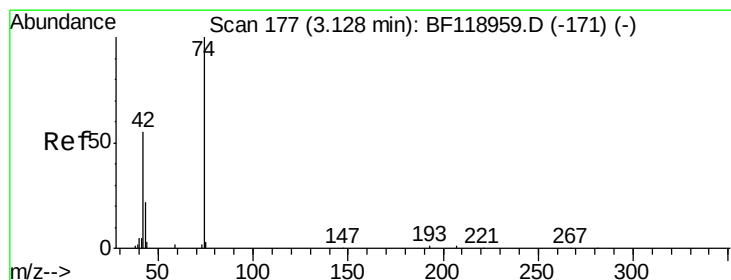
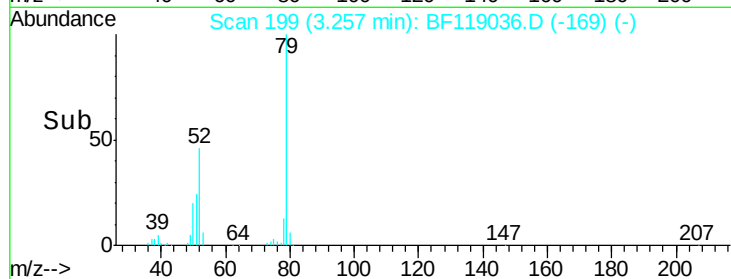
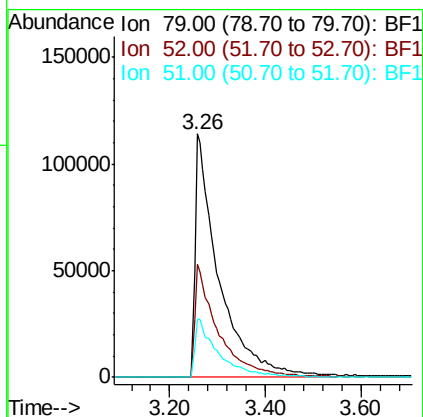
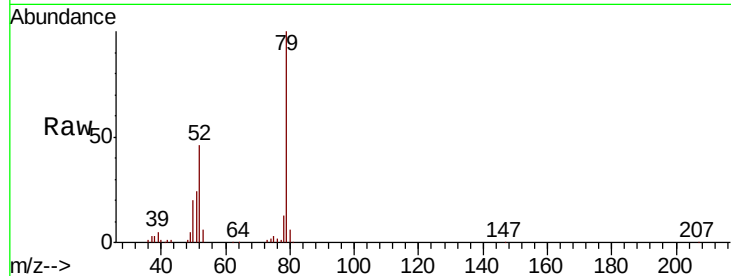




#3
 Pvridine
 Concen: 34.227 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.08 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

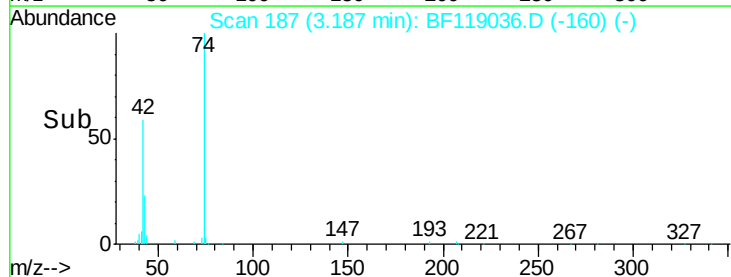
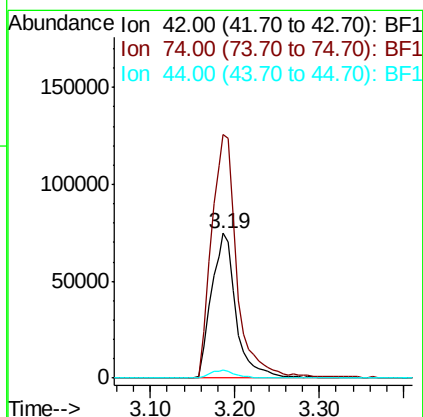
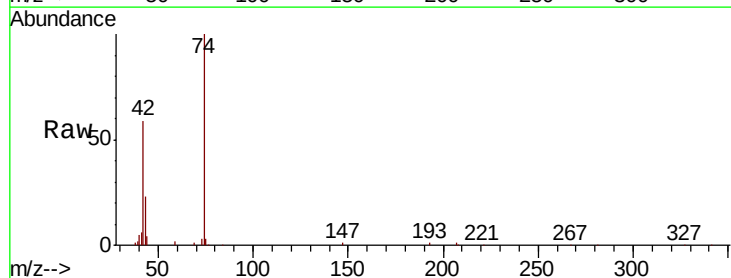
Instrument :
 BNA_F
 ClientSampleId :

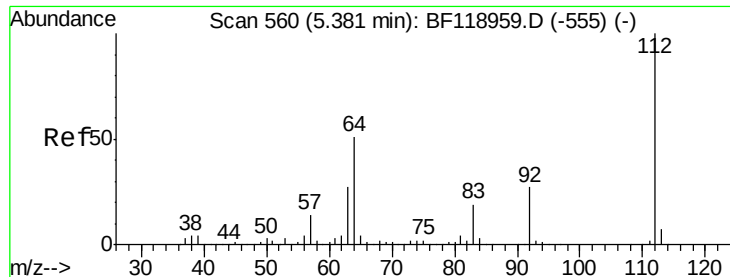
Tot Ion	Ratio	Lower	Upper
79	100		
52	46.3	36.3	54.5
51	23.8	19.5	29.3



#4
 n-Nitrosodimethylamine
 Concen: 43.693 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.06 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.5	144.4	216.6
44	6.0	4.5	6.7





#5

2-Fluorophenol

Concen: 115.128 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

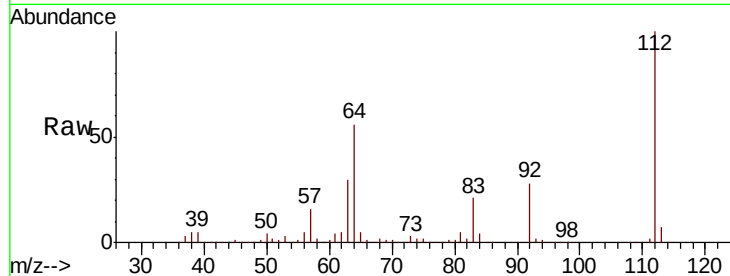
Tot Ion:112 Resp: 1090592

Ion Ratio Lower Upper

112 100

64 56.4 40.4 60.6

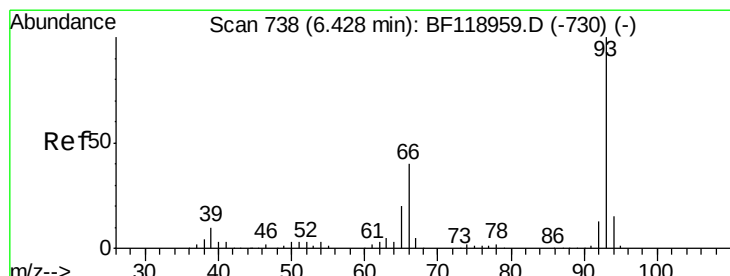
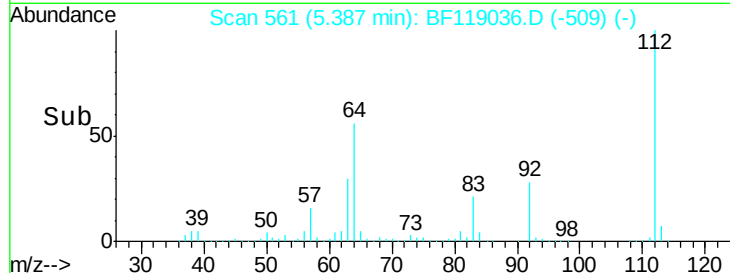
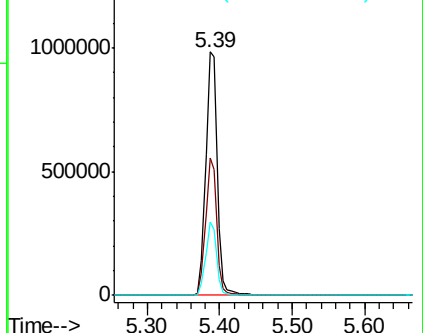
63 30.0 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.546 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

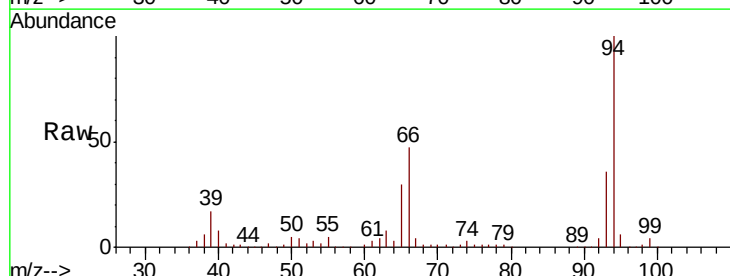
Tgt Ion: 93 Resp: 192563

Ion Ratio Lower Upper

93 100

66 132.1 32.2 48.2#

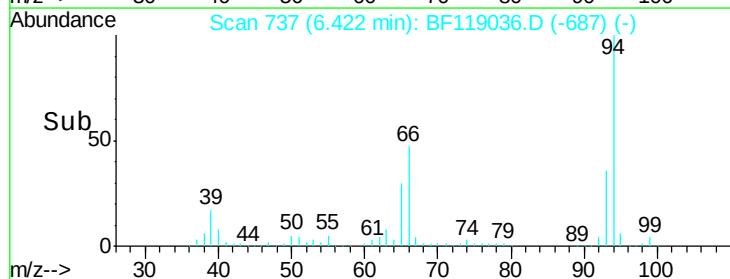
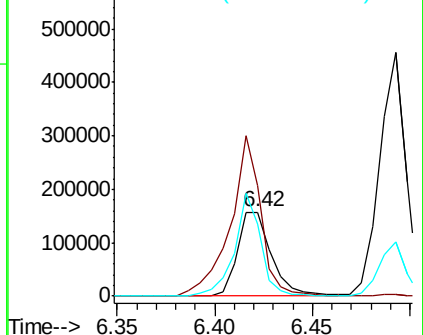
65 85.0 16.1 24.1#

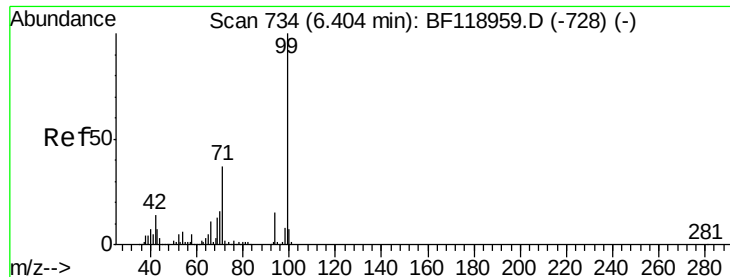


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.925 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

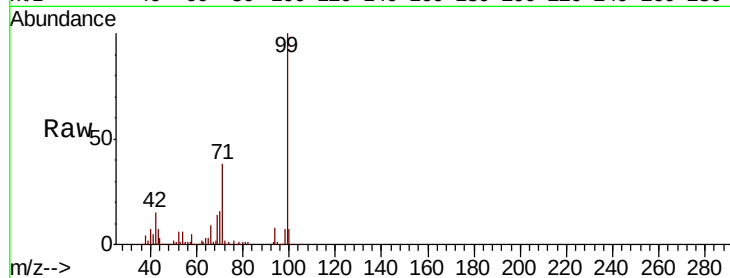
Tot Ion: 99 Resp: 1300972

Ion Ratio Lower Upper

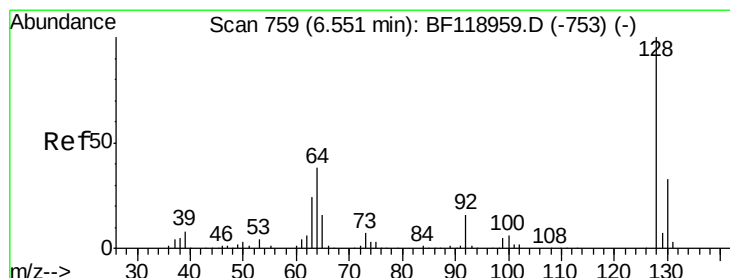
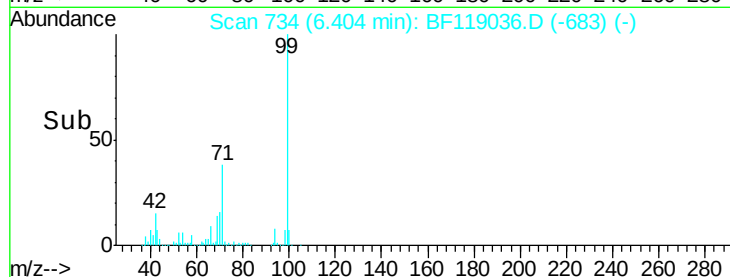
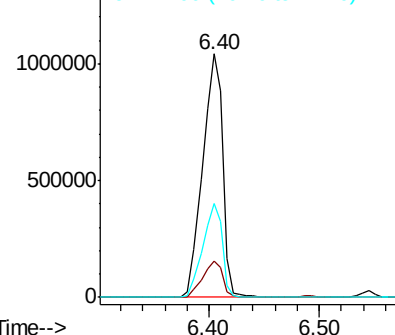
99 100

42 15.0 11.4 17.0

71 38.4 29.8 44.6



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



#8

2-Chlorophenol

Concen: 45.172 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

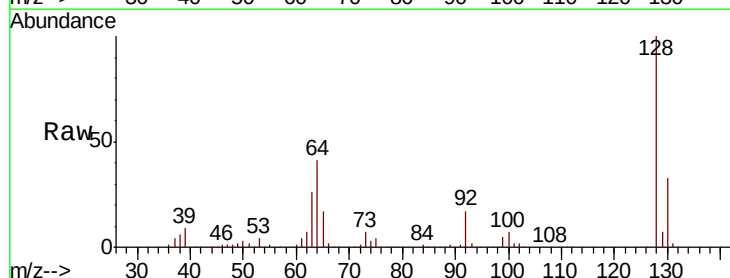
Tgt Ion: 128 Resp: 461796

Ion Ratio Lower Upper

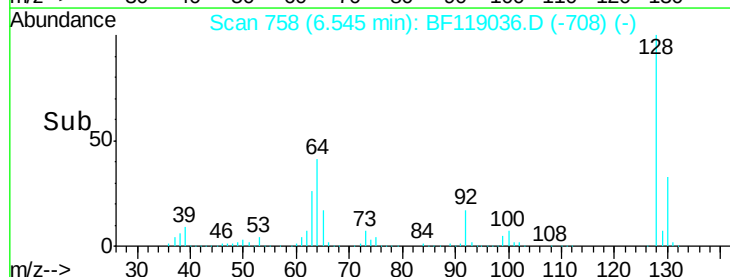
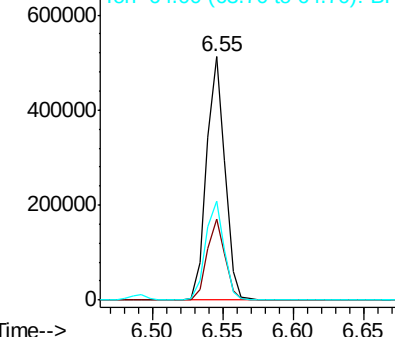
128 100

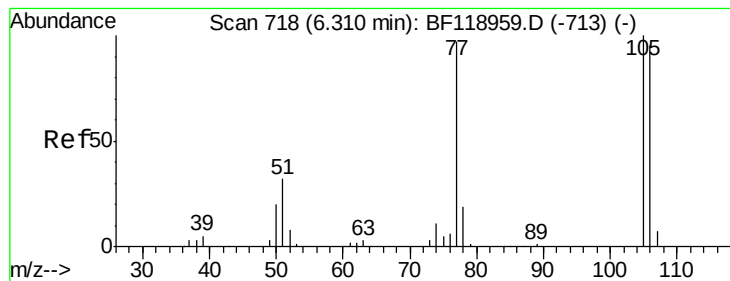
130 33.2 12.7 52.7

64 40.8 18.7 58.7



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





#9

Benzaldehyde

Concen: 25.402 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampled :

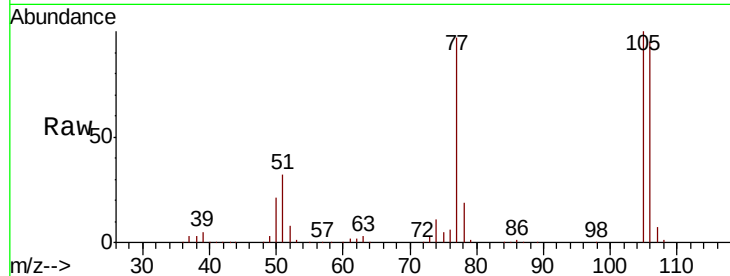
Tot Ion: 77 Resp: 195526

Ion Ratio Lower Upper

77 100

105 102.9 83.0 123.0

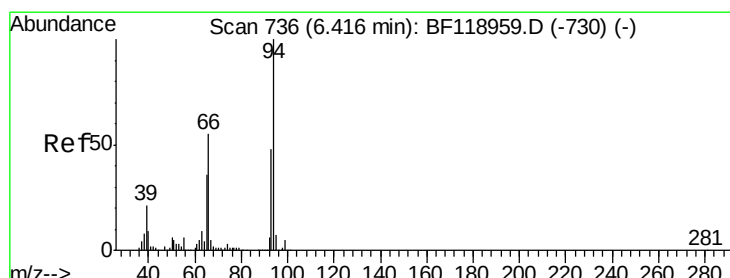
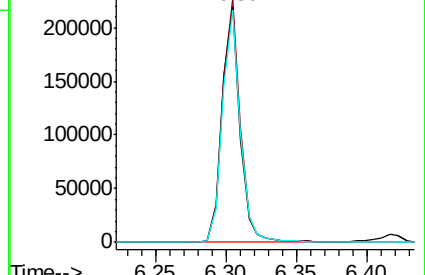
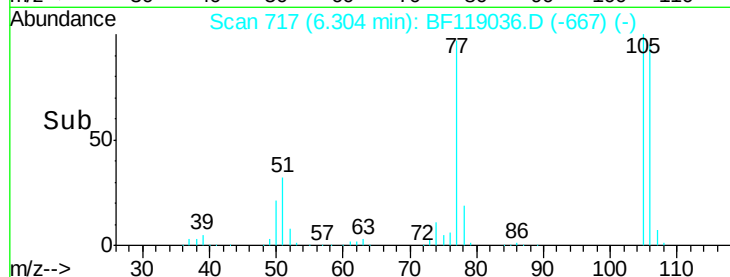
106 98.0 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.839 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

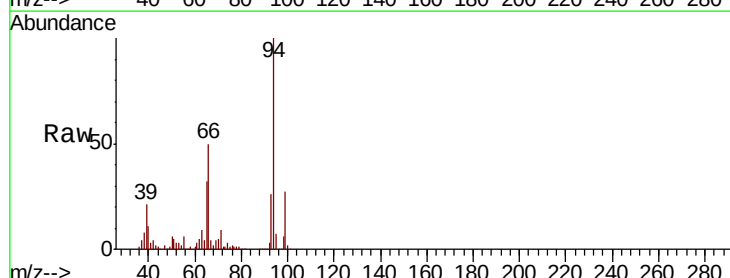
Tgt Ion: 94 Resp: 521151

Ion Ratio Lower Upper

94 100

65 32.1 15.5 55.5

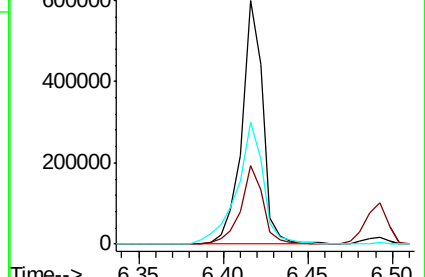
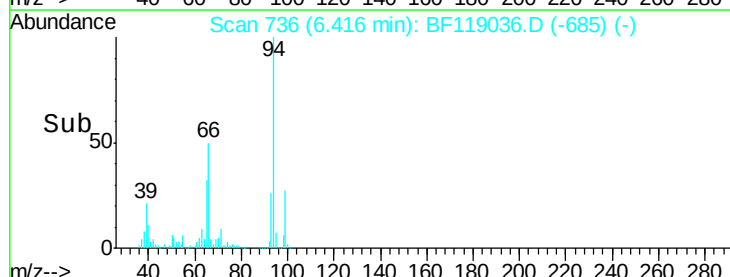
66 50.2 35.6 75.6

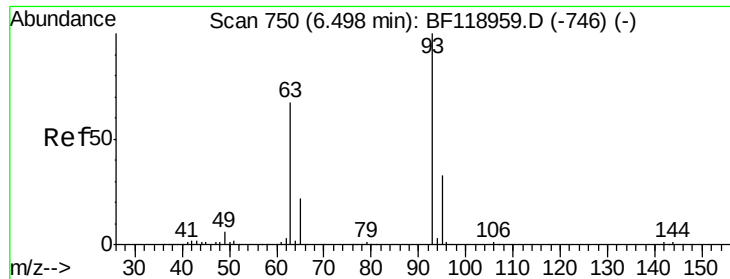


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

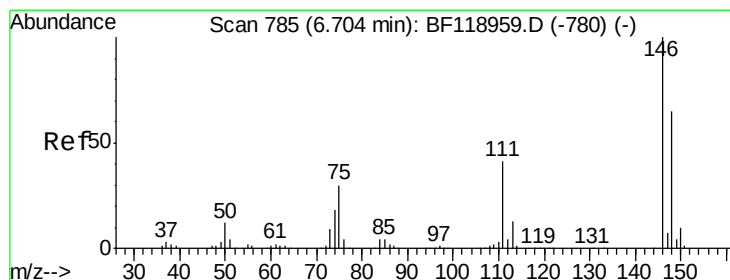
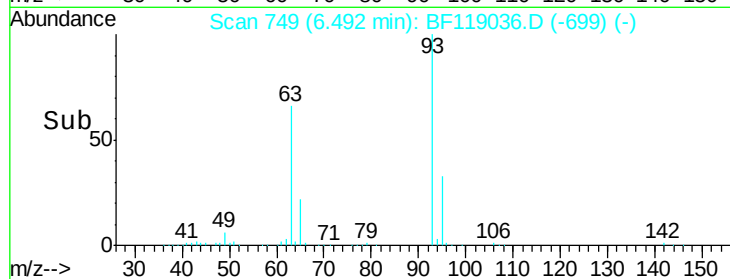
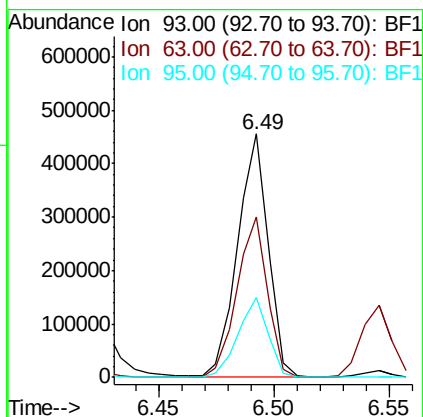
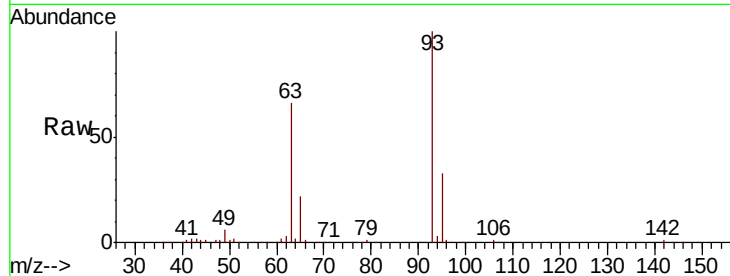




#11
bis(2-Chloroethyl)ether
Concen: 44.451 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

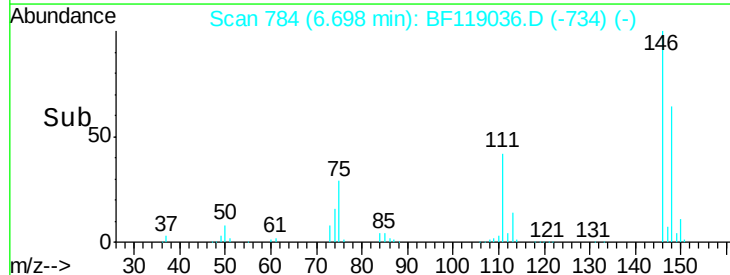
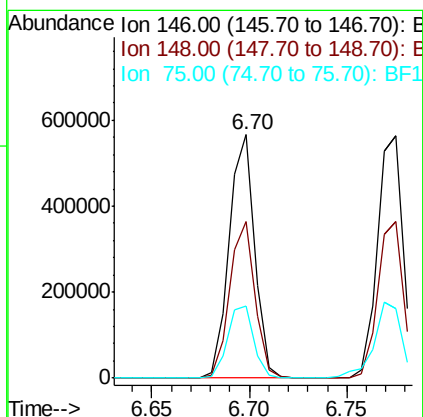
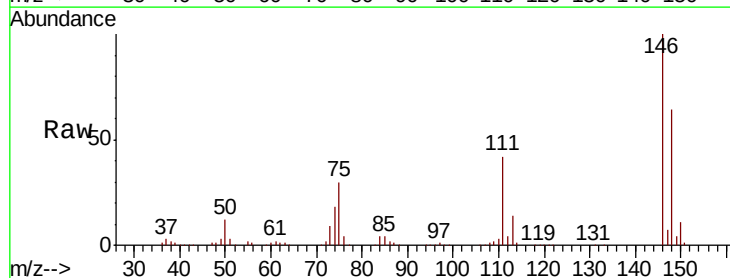
Instrument :
BNA_F
ClientSampleId :

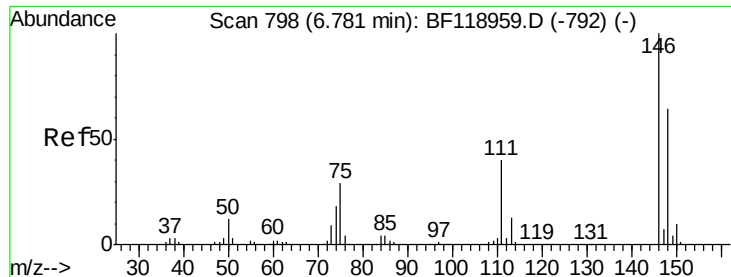
Tot Ion: 93 Resp: 423642
Ion Ratio Lower Upper
93 100
63 65.6 46.8 86.8
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.863 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion: 146 Resp: 512949
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
75 29.6 23.6 35.4

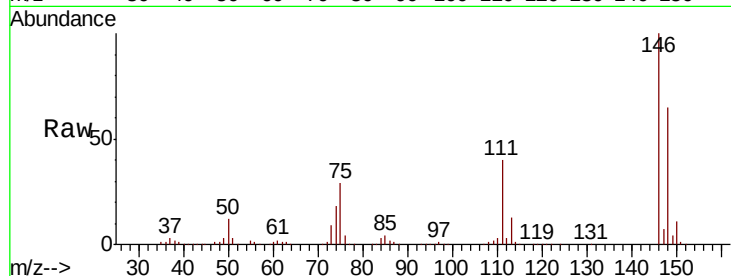




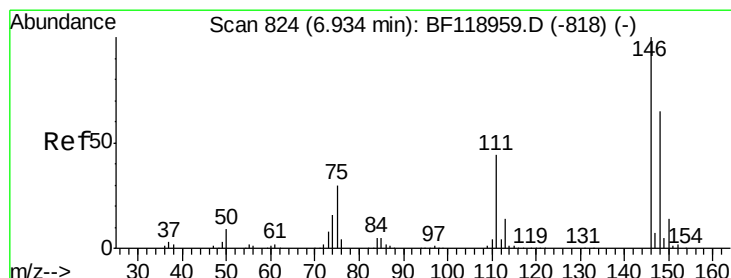
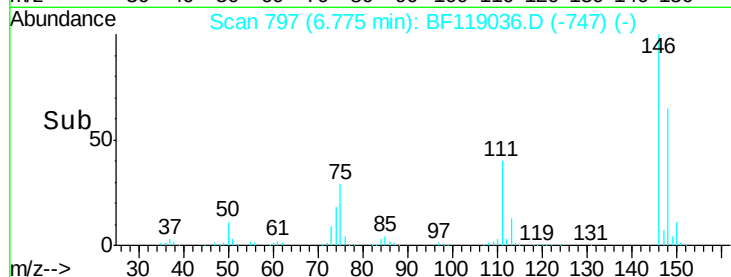
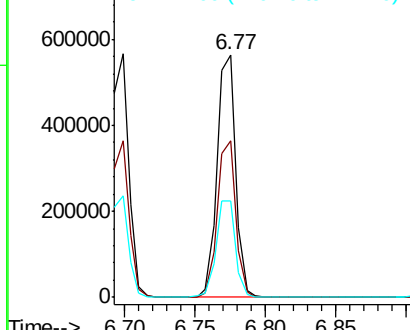
#13
 1,4-Dichlorobenzene
 Concen: 42.265 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 518228
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 111 40.0 31.9 47.9

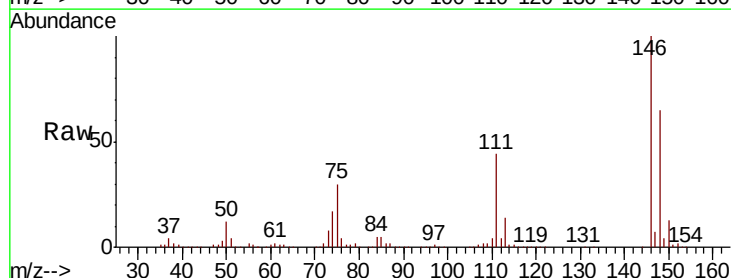


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

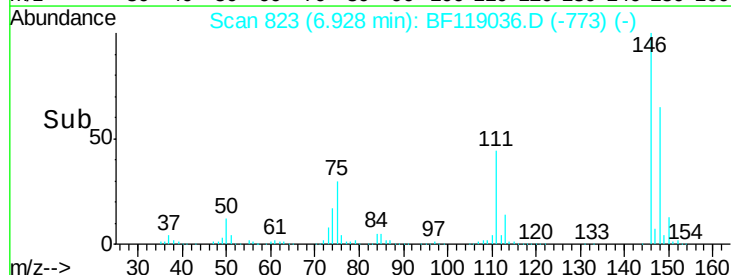
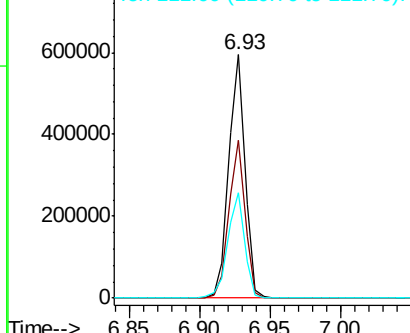


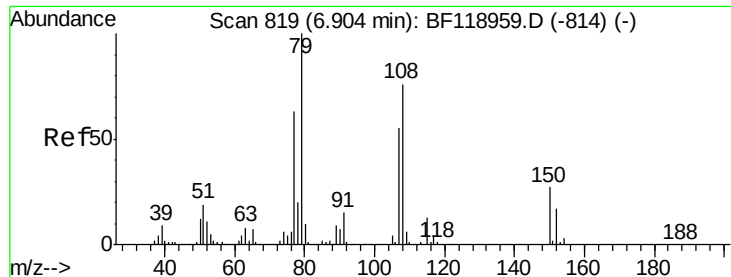
#14
 1,2-Dichlorobenzene
 Concen: 42.715 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:146 Resp: 477656
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 43.5 35.5 53.3



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

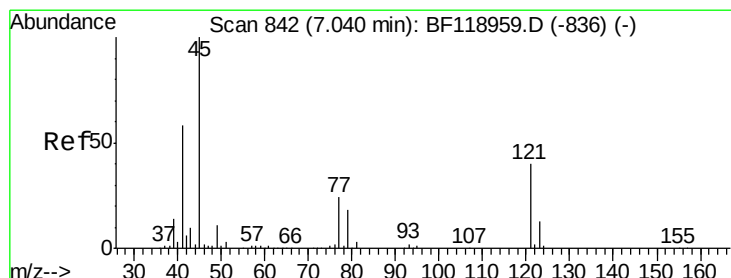
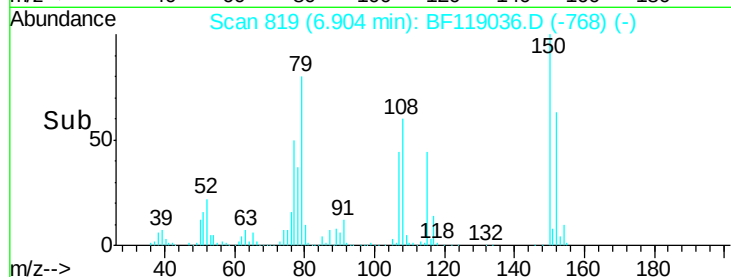
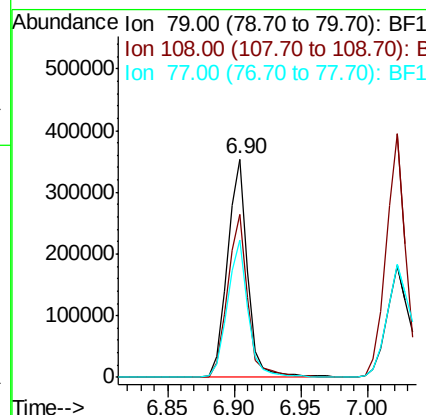
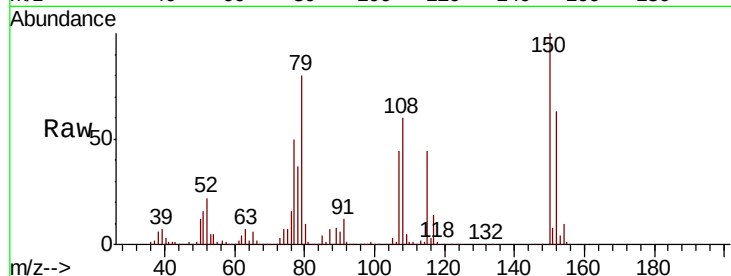




#15
Benzyl Alcohol
Concen: 45.553 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

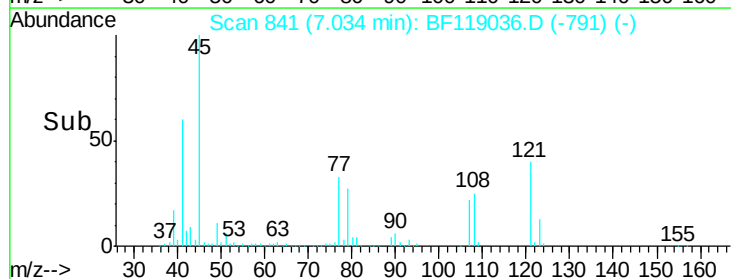
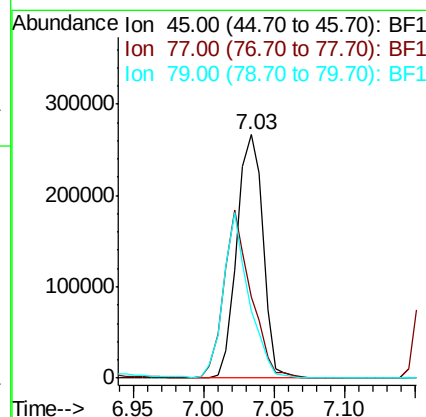
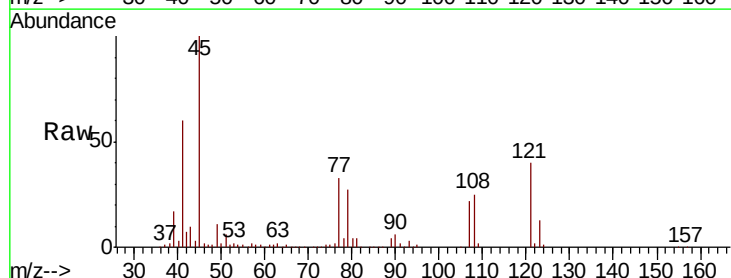
Instrument :
BNA_F
ClientSampled :

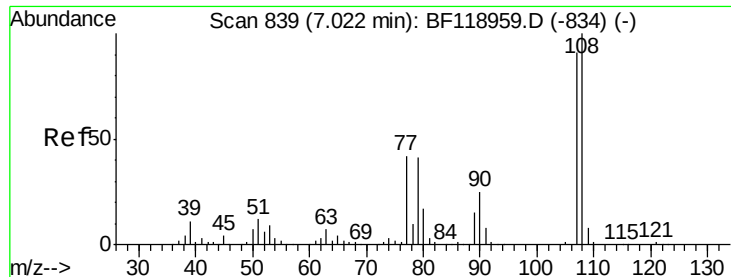
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	61.1	91.7
77	62.6	50.2	75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.472 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.4	6.1	46.1
79	27.3	0.5	40.5

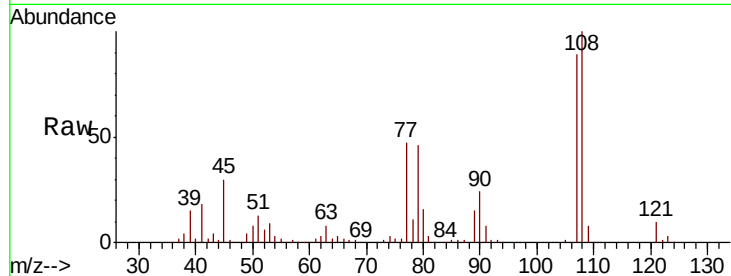




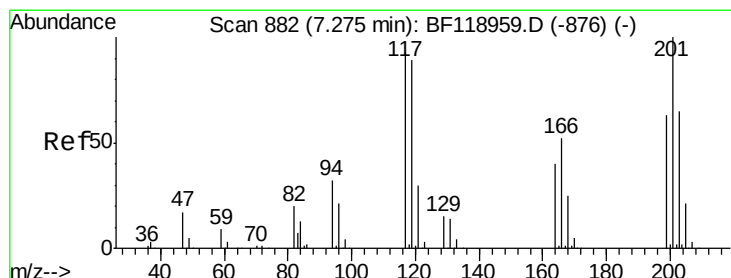
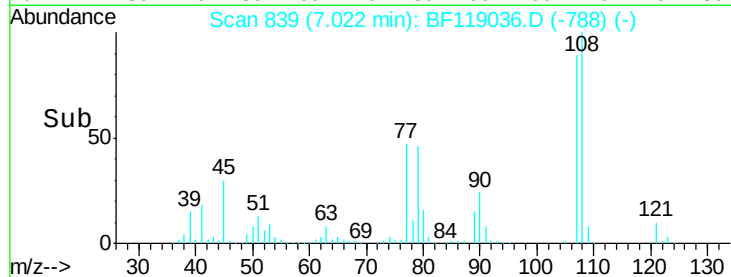
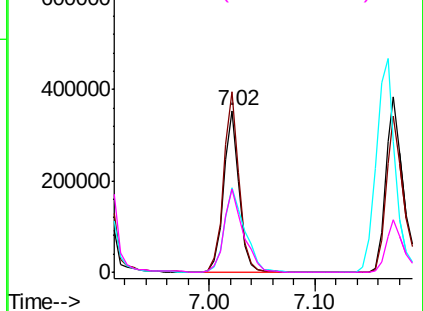
#17
2-Methylphenol
Concen: 43.374 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 359498
Ion Ratio Lower Upper
107 100
108 111.7 87.7 131.5
77 52.1 36.8 55.2
79 51.4 36.4 54.6

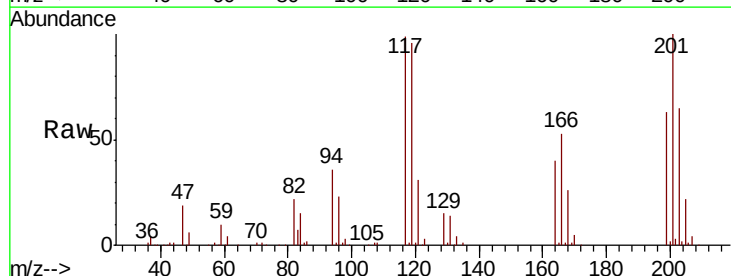


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

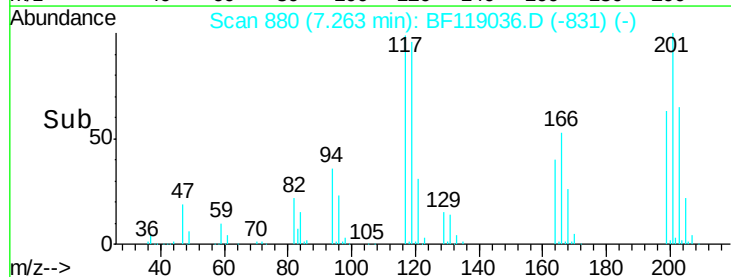
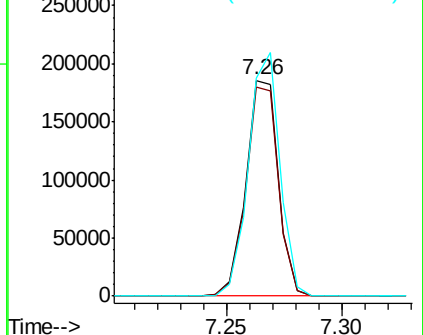


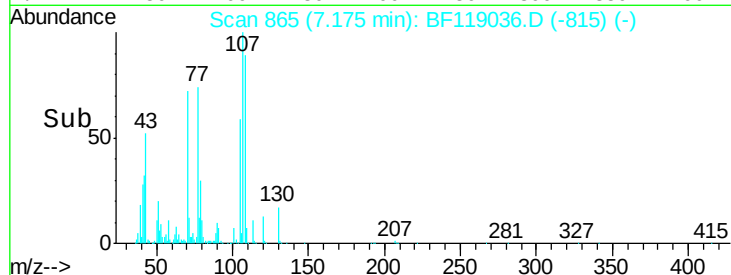
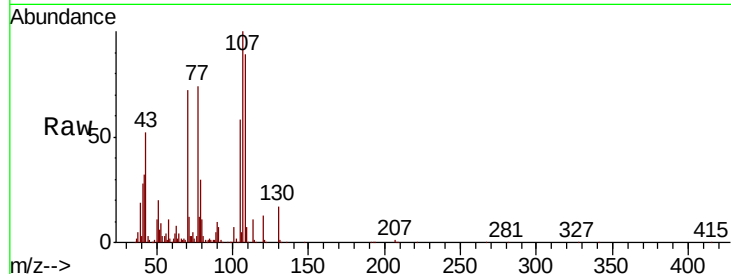
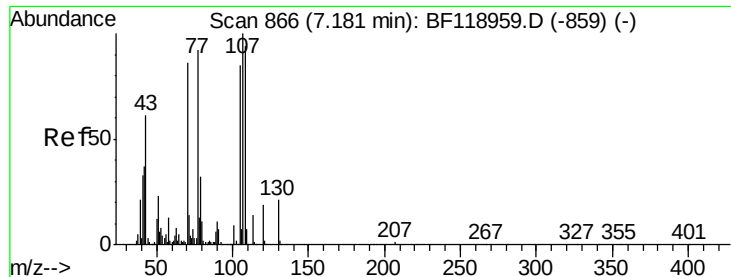
#18
Hexachloroethane
Concen: 41.627 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:117 Resp: 182604
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.6
201 101.0 86.4 129.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

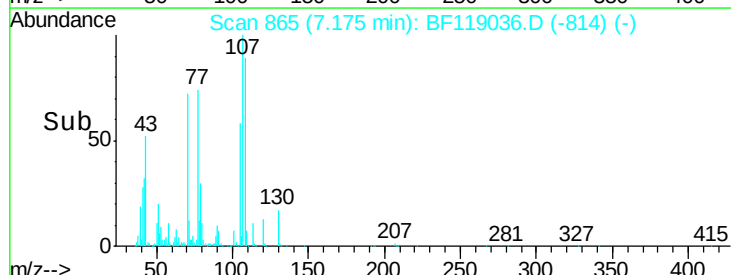
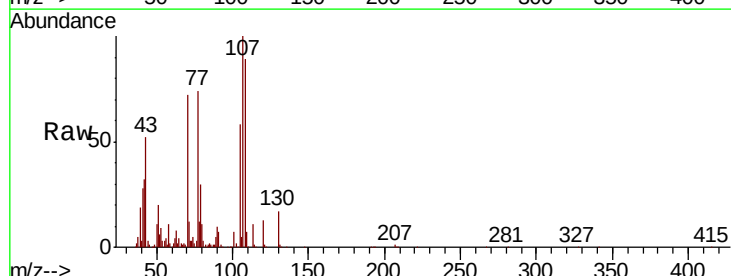
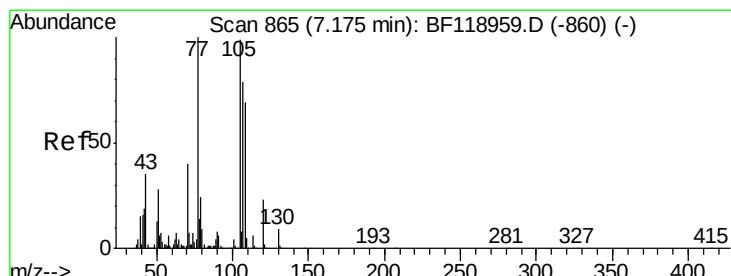
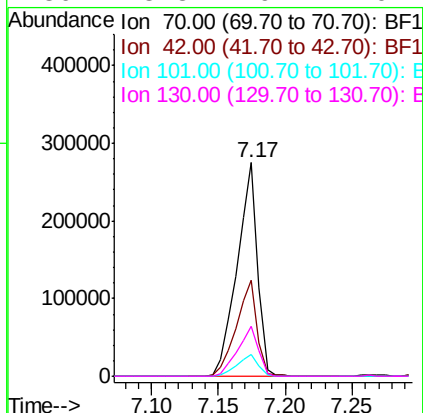




#19
n-Nitroso-di-n-propylamine
Concen: 43.970 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

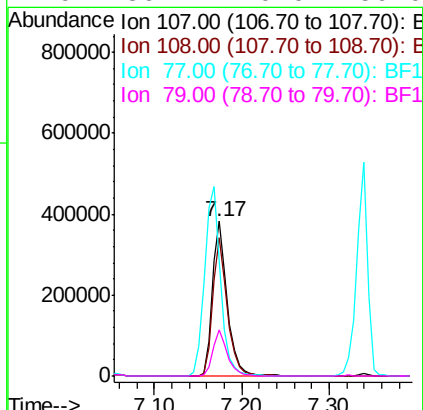
Instrument :
BNA_F
ClientSampleId :

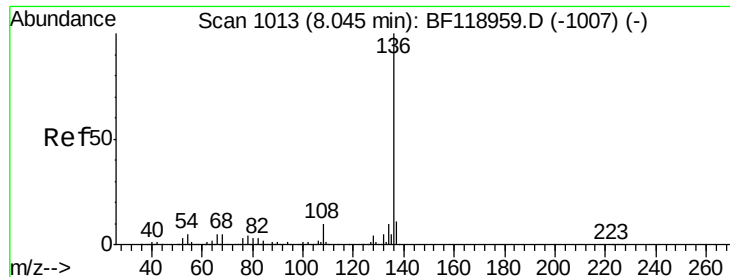
Tot Ion	70	Resp	295175
Ion	Ratio	Lower	Upper
70	100		
42	44.8	34.6	51.8
101	10.0	8.1	12.1
130	23.3	19.4	29.2



#20
3+4-Methylphenols
Concen: 43.971 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	107	Resp	446501
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.0	107.0
77	74.5	106.2	146.2#
79	30.2	10.0	50.0

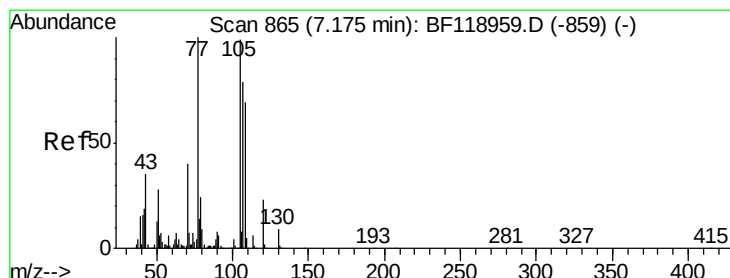
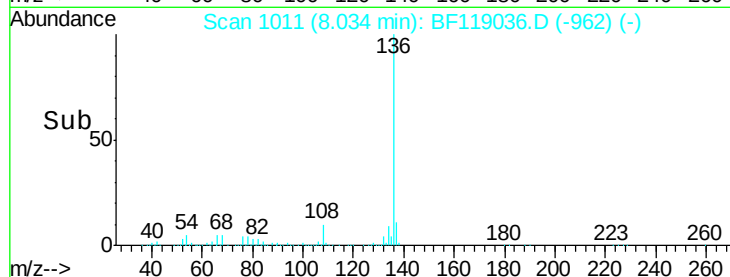
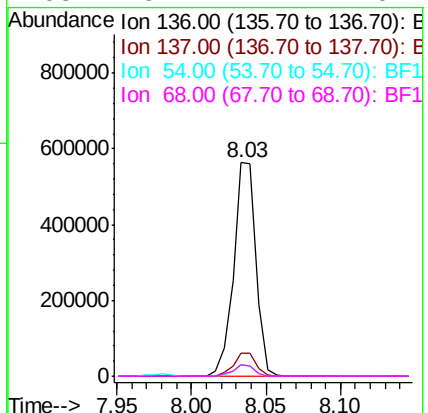
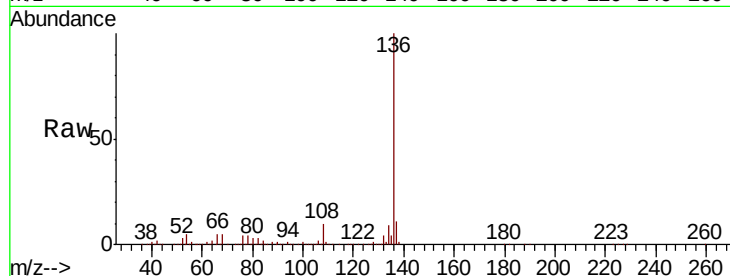




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

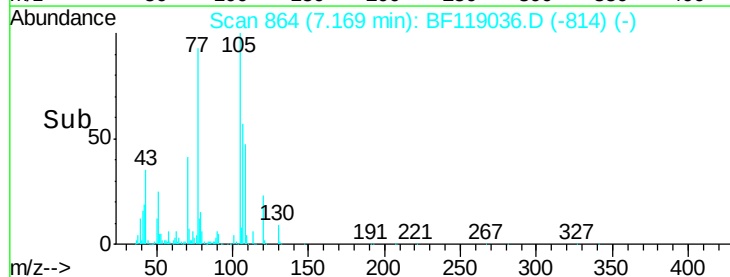
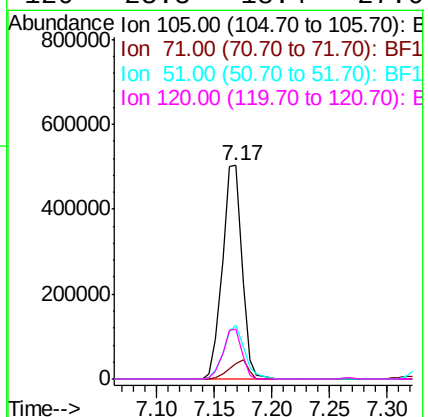
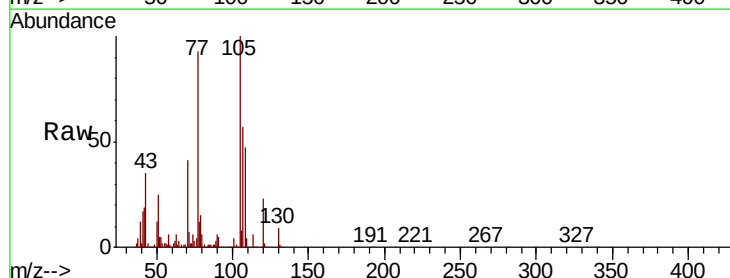
Instrument :
BNA_F
ClientSampleId :

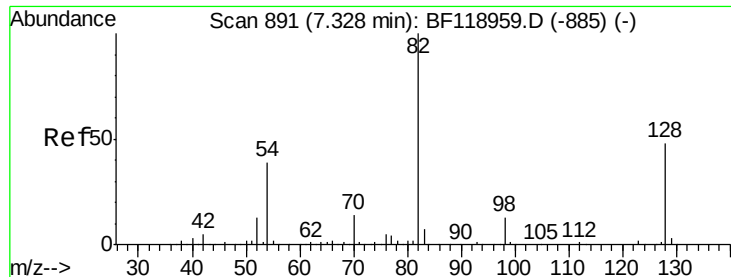
Tot Ion:136	Resp:	592294	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 5.3	3.8	5.6	
68 5.4	4.2	6.2	



#22
Acetophenone
Concen: 43.351 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt	Ion:105	Resp:	594087
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.4	8.0
51	25.2	22.5	33.7
120	23.3	18.4	27.6

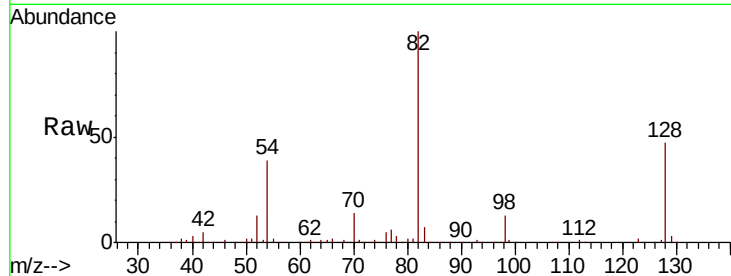




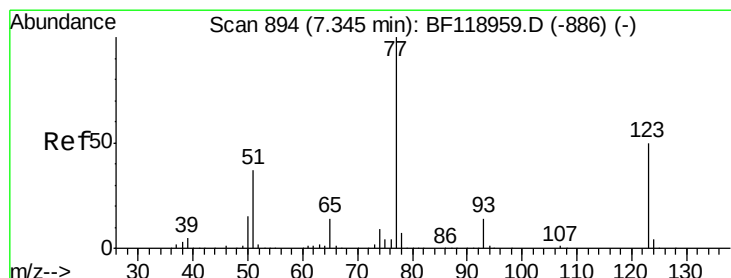
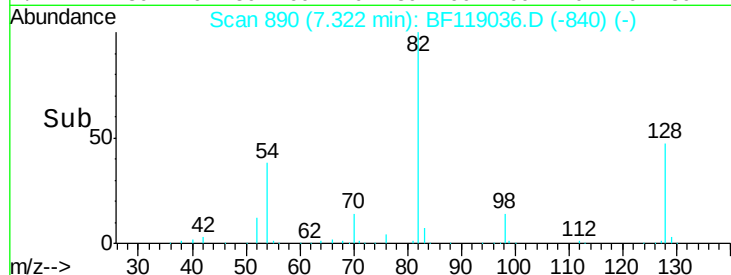
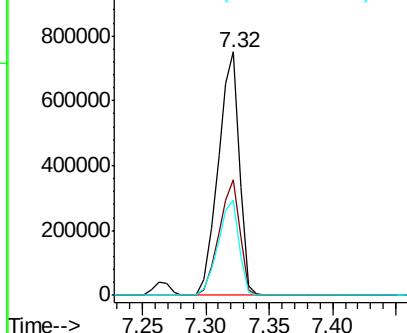
#23
Nitrobenzene-d5
Concen: 77.780 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 872510
Ion Ratio Lower Upper
82 100
128 47.3 38.2 57.2
54 38.9 31.3 46.9

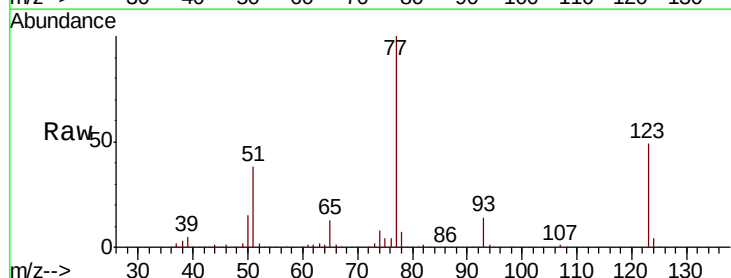


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

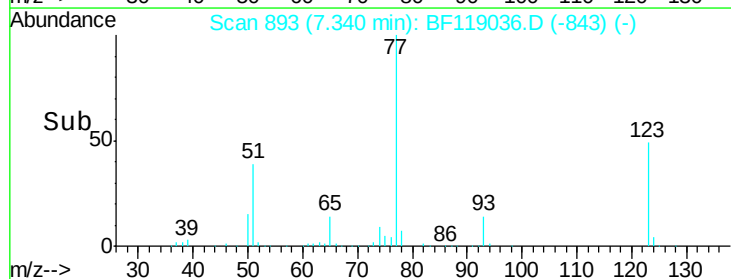
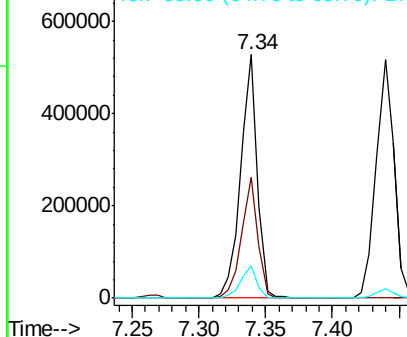


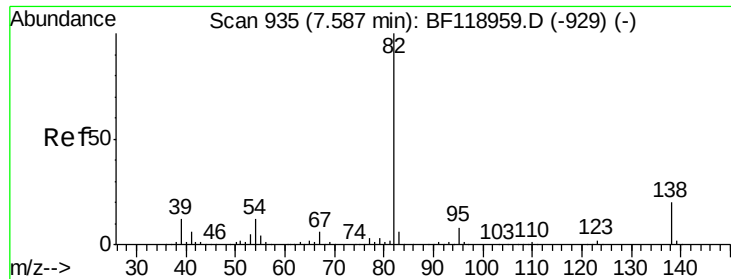
#24
Nitrobenzene
Concen: 41.611 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion: 77 Resp: 461599
Ion Ratio Lower Upper
77 100
123 49.4 40.1 60.1
65 13.3 10.9 16.3



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

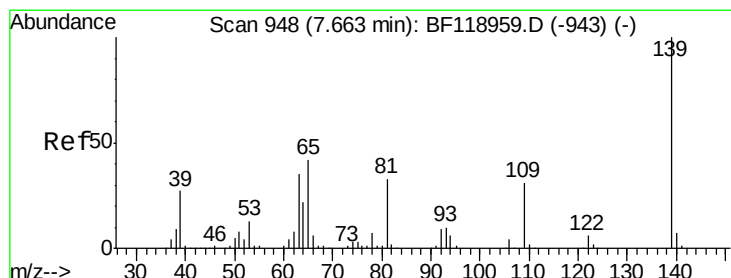
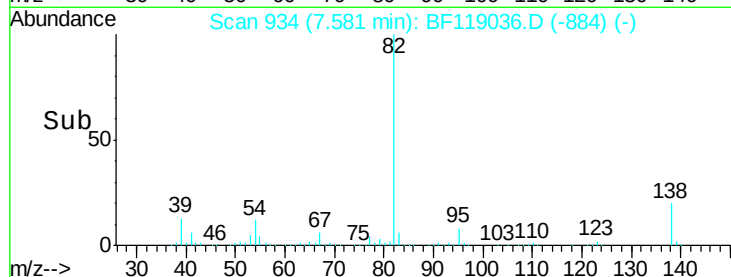
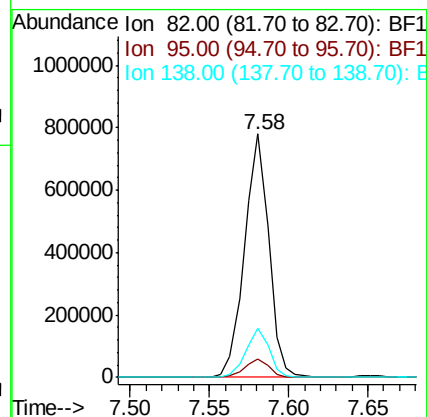
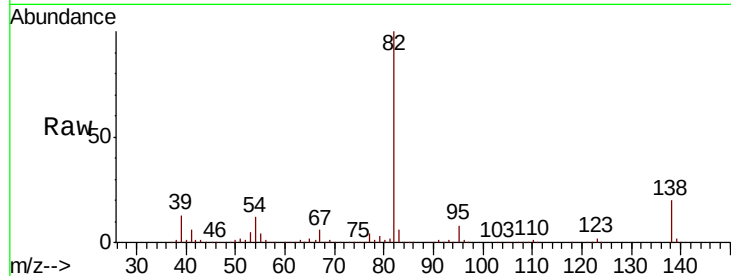




#25
Isophorone
Concen: 42.344 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

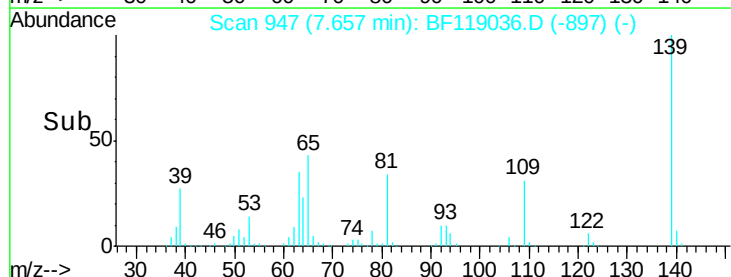
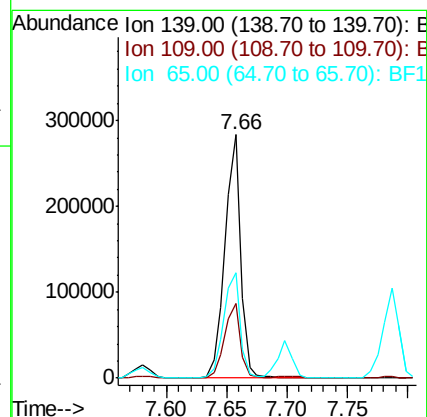
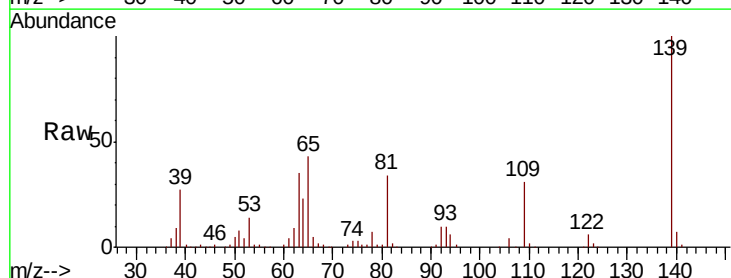
Instrument :
BNA_F
ClientSampleId :

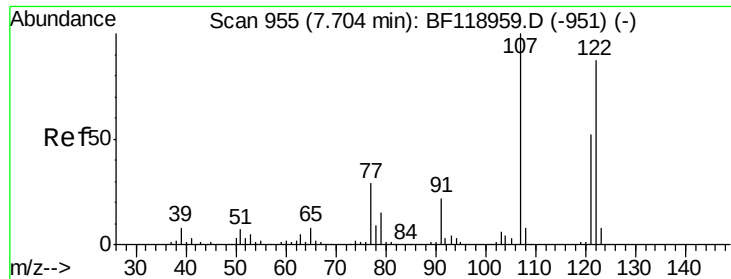
Tot Ion: 82 Resp: 824946
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 19.9 15.8 23.6



#26
2-Nitrophenol
Concen: 43.307 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion: 139 Resp: 254545
Ion Ratio Lower Upper
139 100
109 30.7 24.6 36.8
65 43.2 33.6 50.4

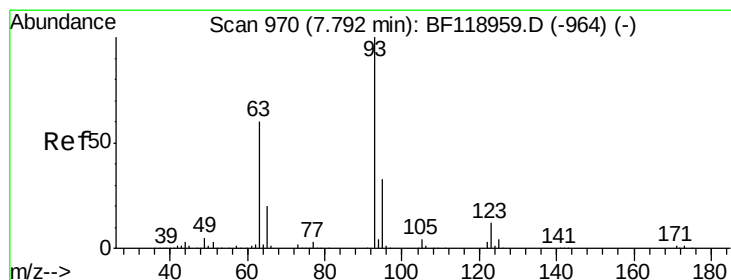
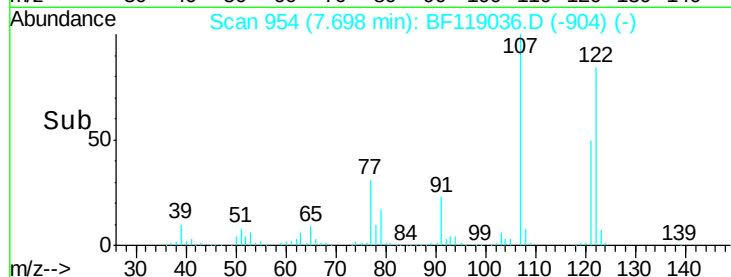
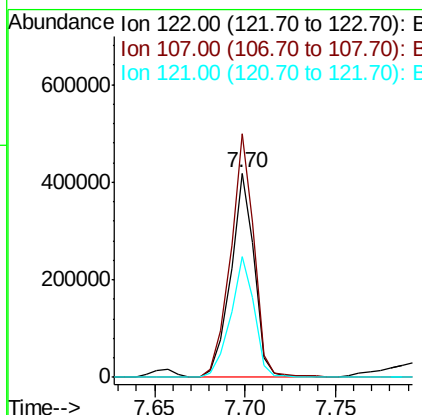
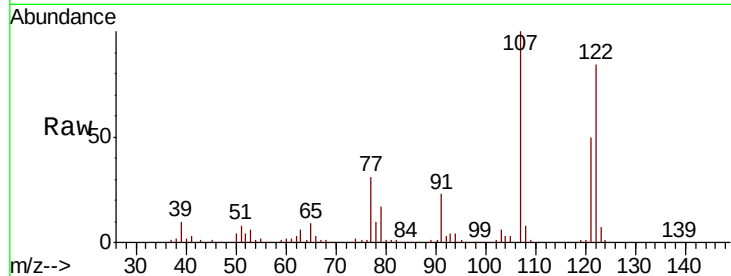




#27
 2,4-Dimethylphenol
 Concen: 47.473 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

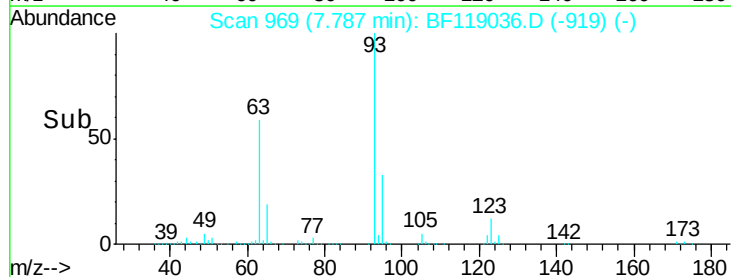
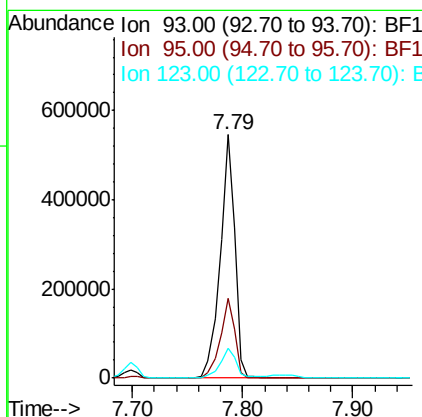
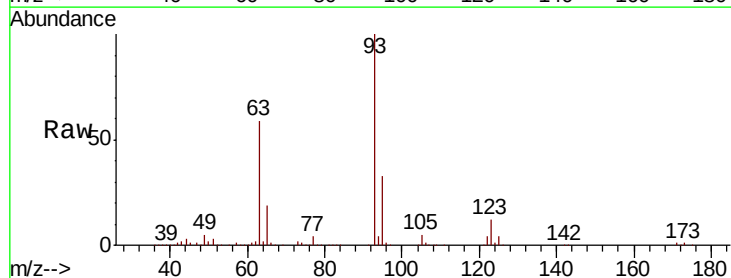
Instrument :
 BNA_F
 ClientSampled :

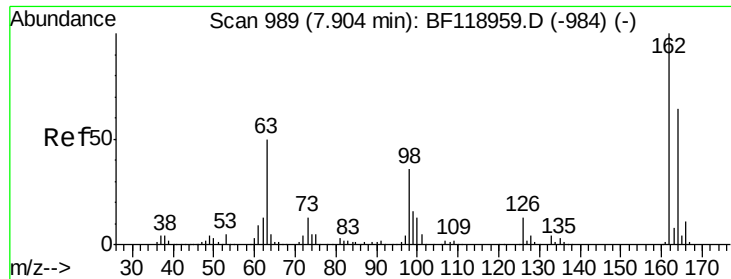
Tot Ion:122 Resp: 378700
 Ion Ratio Lower Upper
 122 100
 107 119.1 91.8 137.8
 121 59.0 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.804 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion: 93 Resp: 504739
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 12.1 9.8 14.8

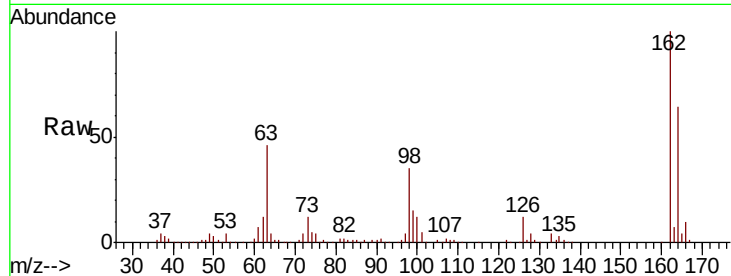




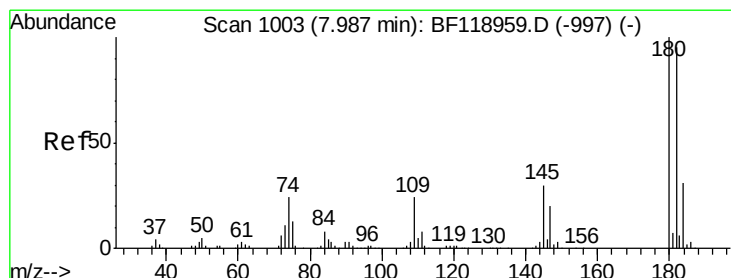
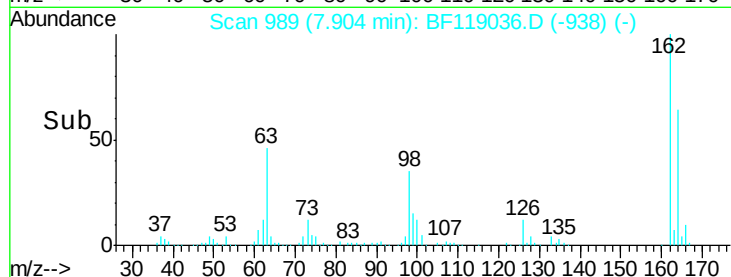
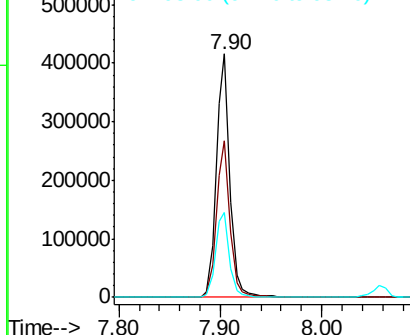
#29
2,4-Dichlorophenol
Concen: 41.044 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 385444
Ion Ratio Lower Upper
162 100
164 64.4 44.1 84.1
98 35.0 16.4 56.4

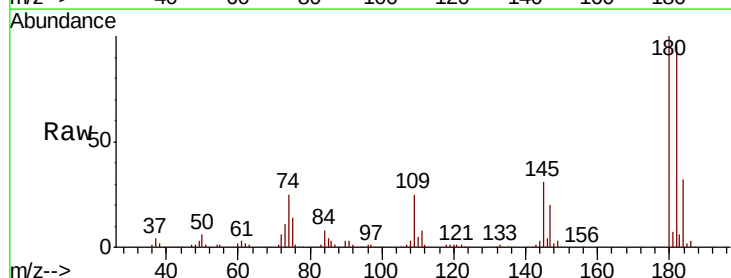


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

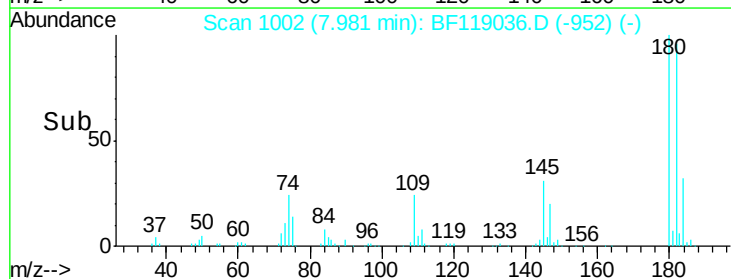
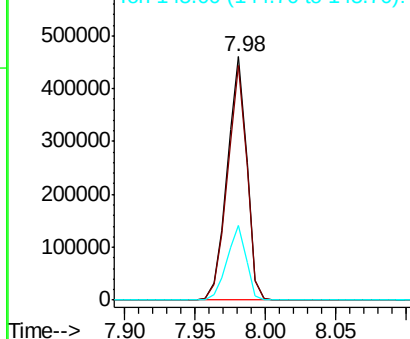


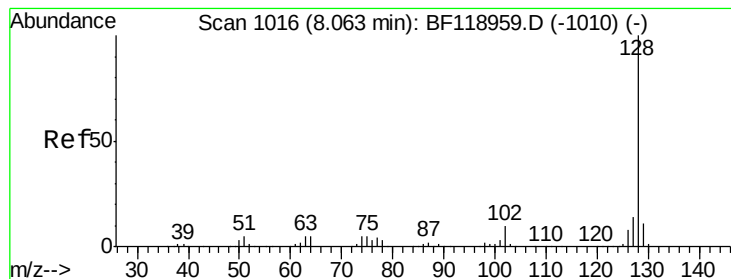
#30
1,2,4-Trichlorobenzene
Concen: 39.698 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:180 Resp: 442011
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.8
145 30.9 24.2 36.2



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





#31

Naphthalene

Concen: 41.652 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

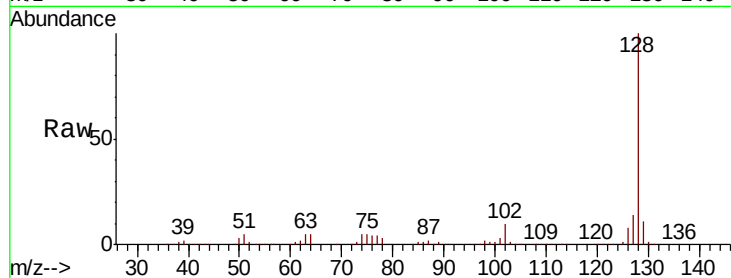
Tot Ion:128 Resp: 1279427

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

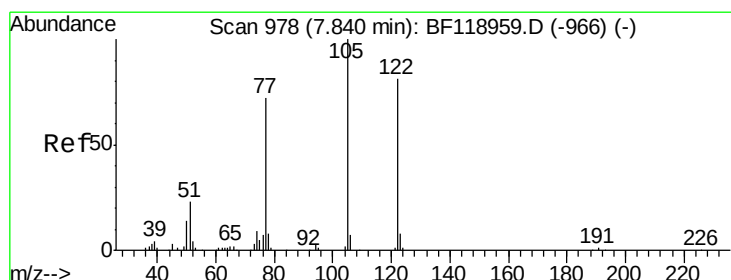
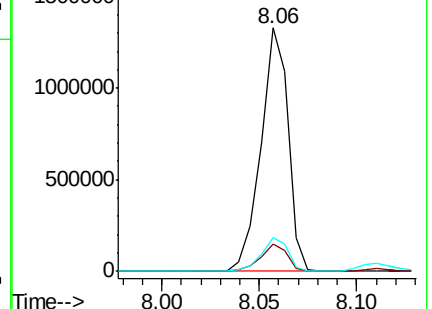
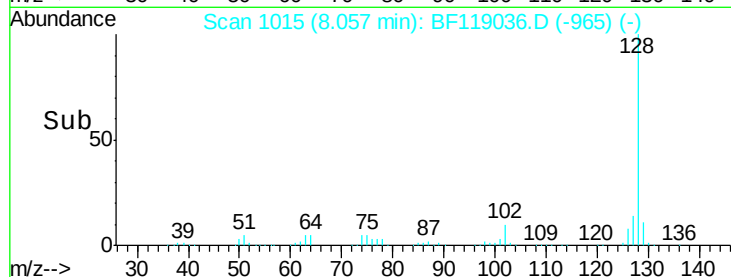
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.756 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

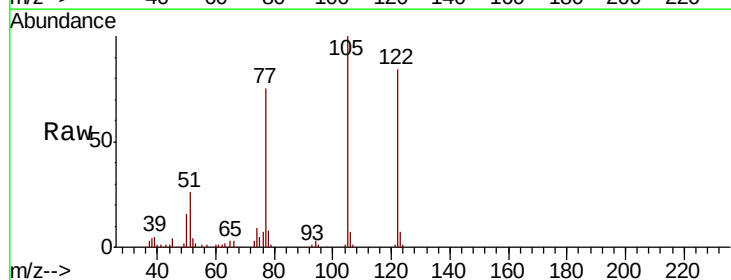
Tgt Ion:122 Resp: 257452

Ion Ratio Lower Upper

122 100

105 118.4 102.2 142.2

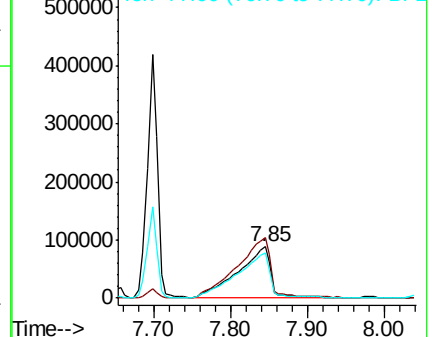
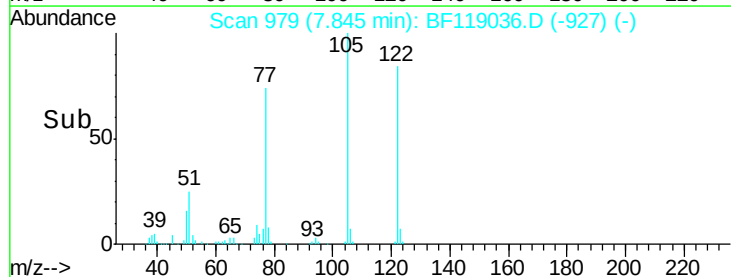
77 88.5 68.6 108.6

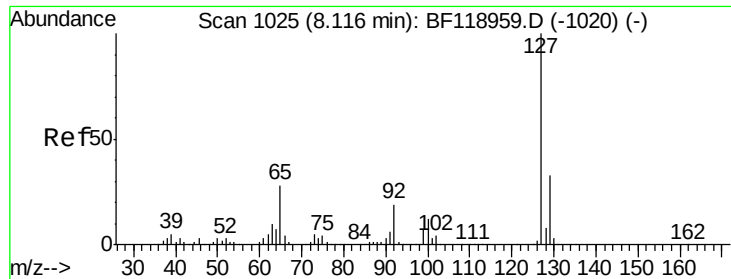


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

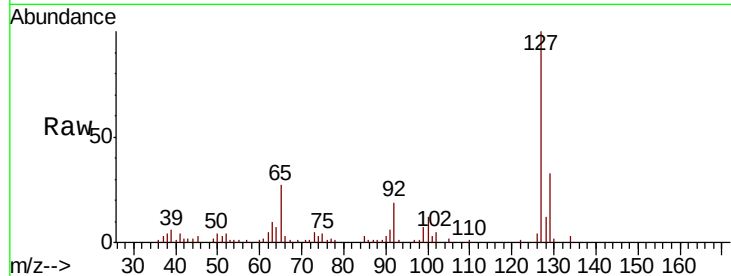




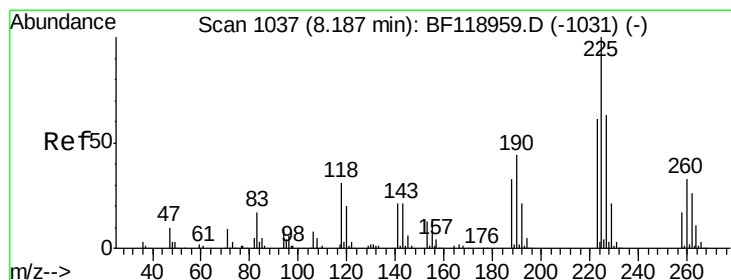
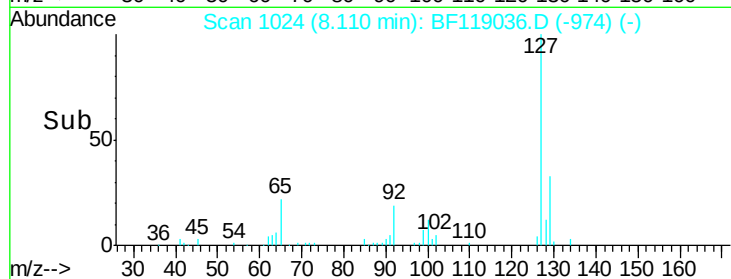
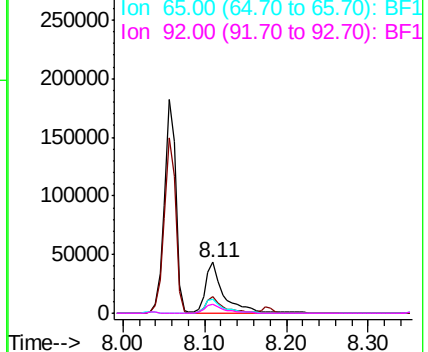
#33
4-Chloroaniline
Concen: 5.262 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	69523
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	26.7	22.0	33.0
92	18.8	15.5	23.3

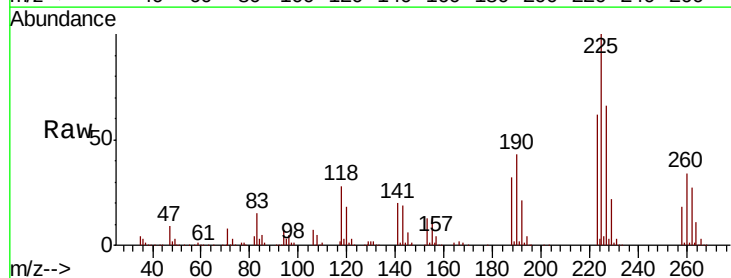


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

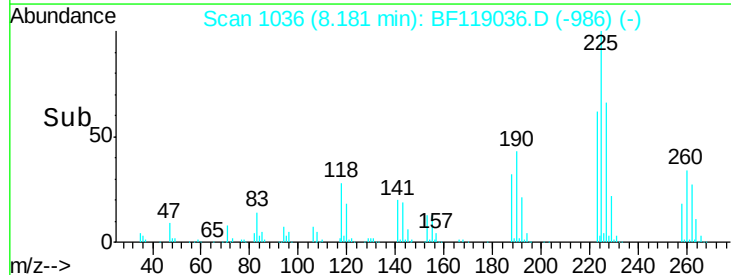
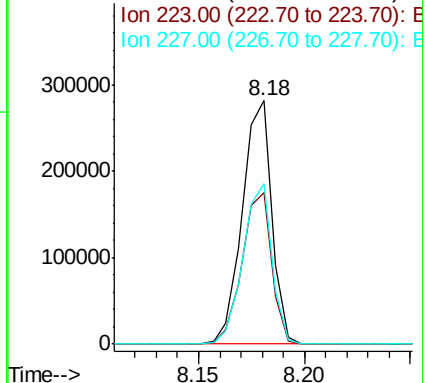


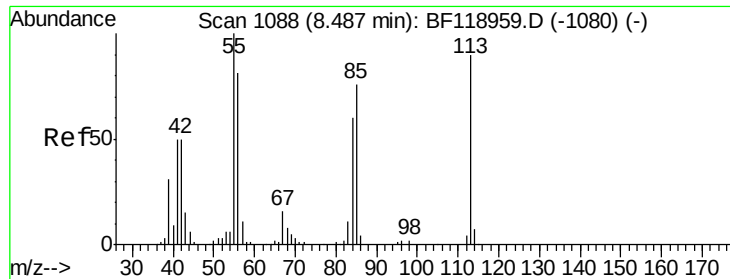
#34
Hexachlorobutadiene
Concen: 39.308 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:	225	Resp:	272621
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.9	73.3
227	65.9	50.4	75.6



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

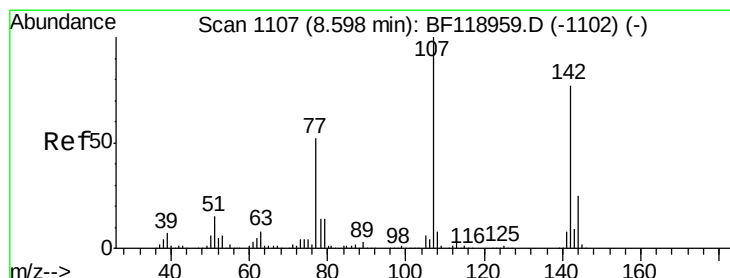
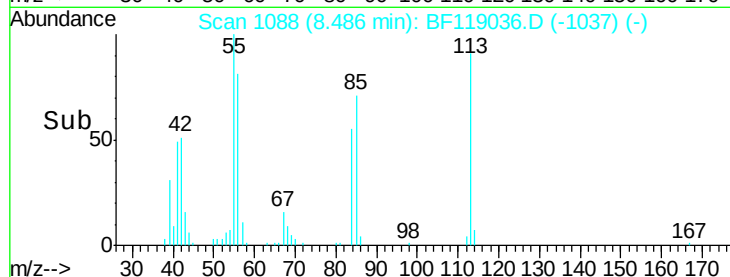
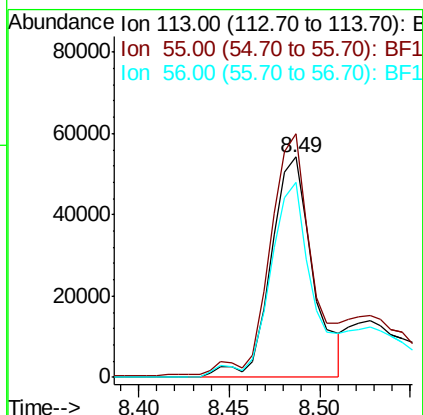
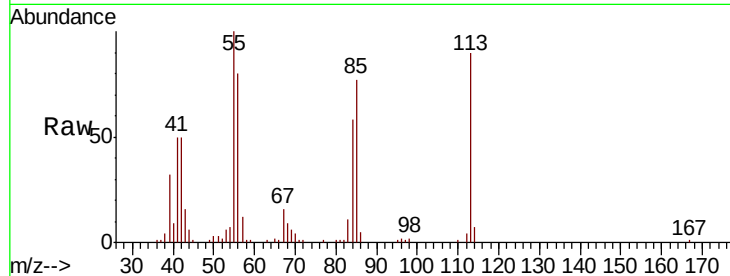




#35
 Caprolactam
 Concen: 30.143 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

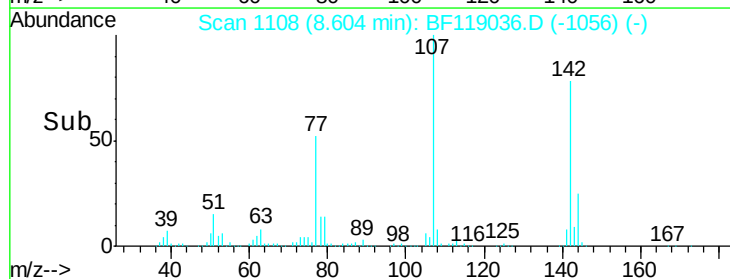
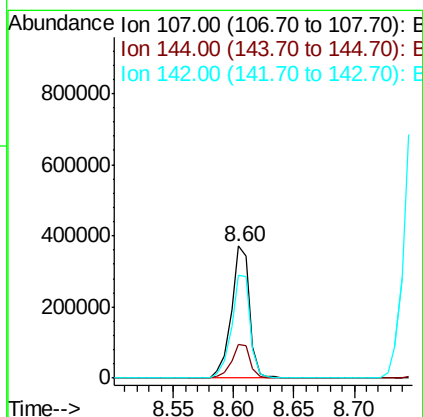
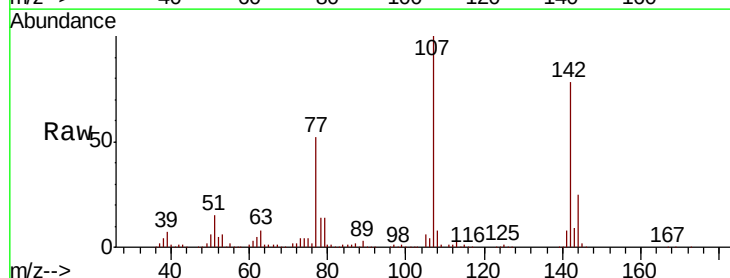
Instrument :
 BNA_F
 ClientSampleId :

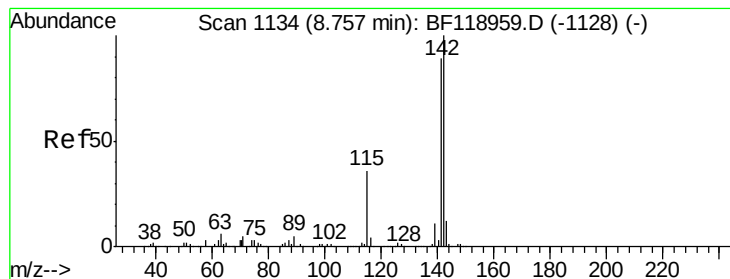
Tot Ion:113 Resp: 87163
 Ion Ratio Lower Upper
 113 100
 55 110.7 90.8 130.8
 56 88.9 70.0 110.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.023 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:107 Resp: 389882
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.8 29.8
 142 78.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.967 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

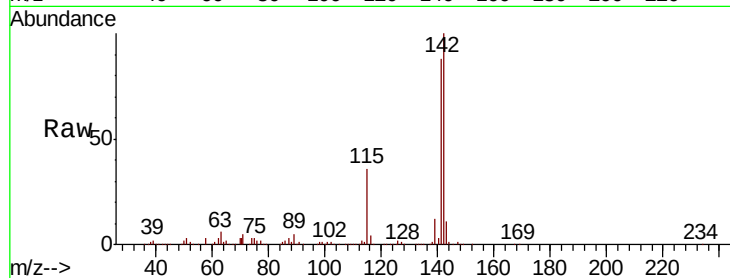
Tot Ion:142 Resp: 867539

Ion Ratio Lower Upper

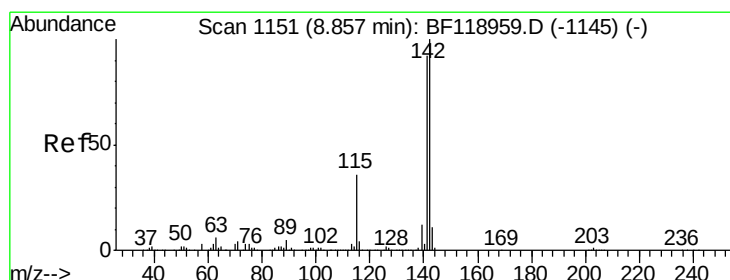
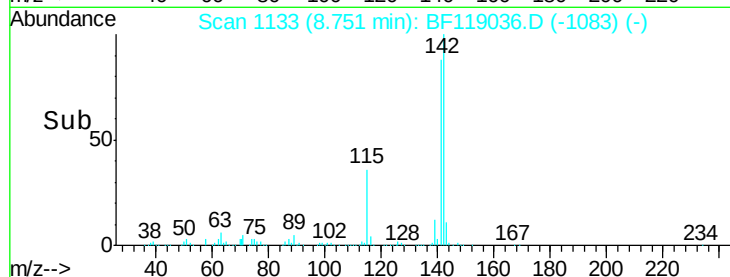
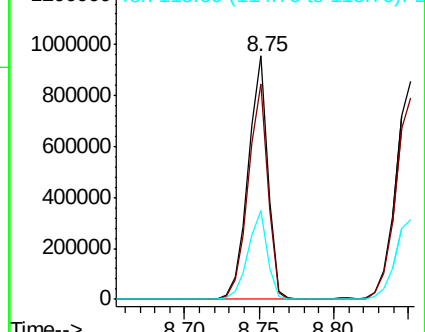
142 100

141 88.4 71.0 106.4

115 36.2 28.6 42.8



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



#38

1-Methylnaphthalene

Concen: 41.933 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

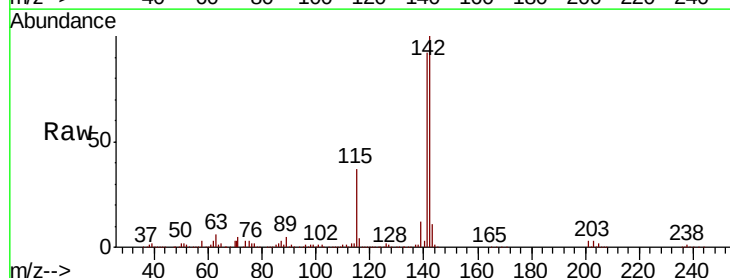
Tgt Ion:142 Resp: 815224

Ion Ratio Lower Upper

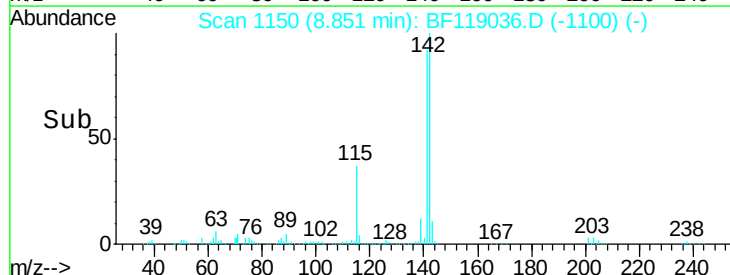
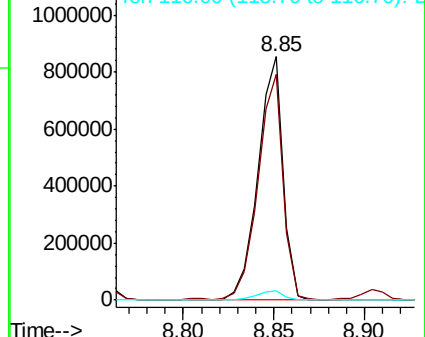
142 100

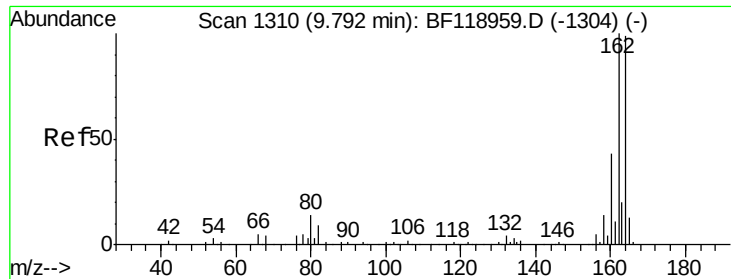
141 92.5 73.7 110.5

116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

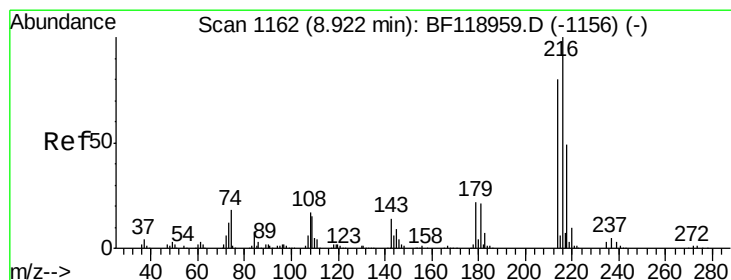
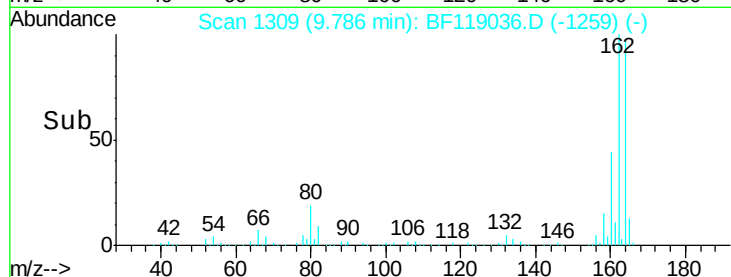
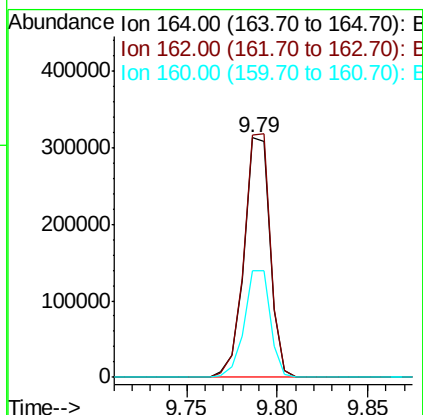
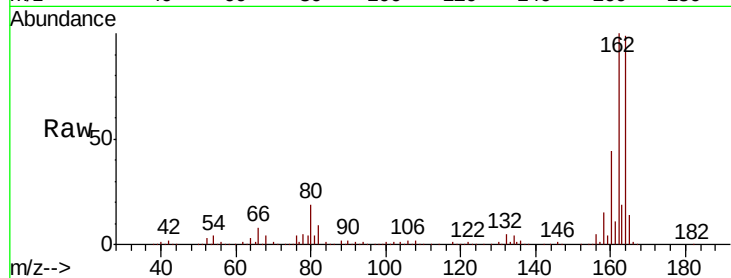




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

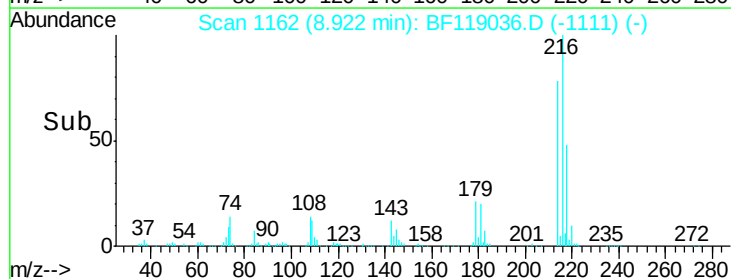
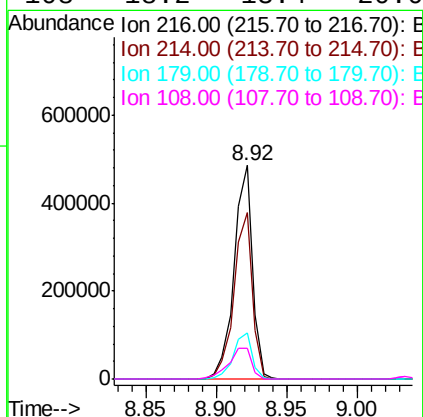
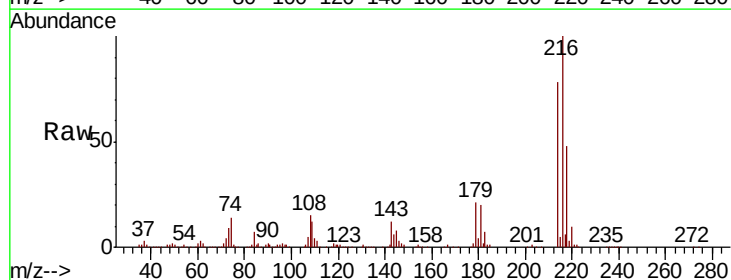
Instrument :
 BNA_F
 ClientSampleId :

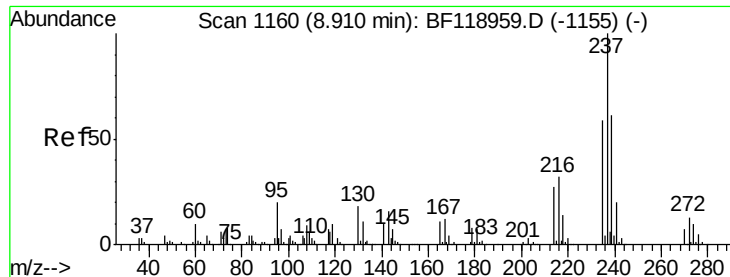
Tot Ion:164 Resp: 311376
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.2 121.8
 160 44.4 35.2 52.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.837 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:216 Resp: 439217
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.1 94.7
 179 21.7 17.2 25.8
 108 18.2 13.4 20.0

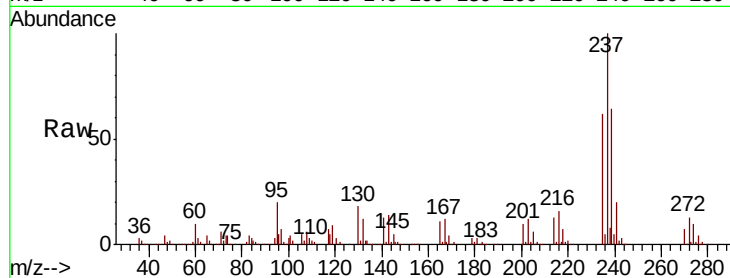




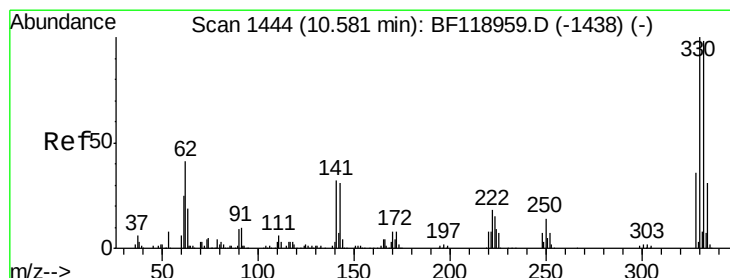
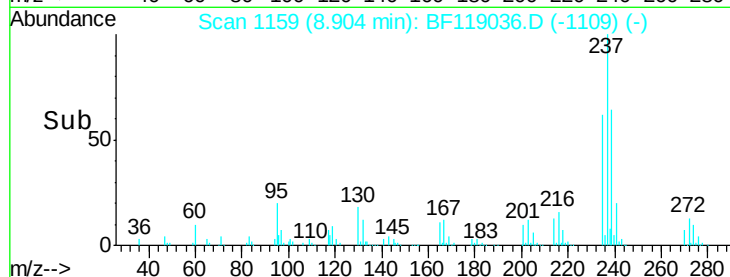
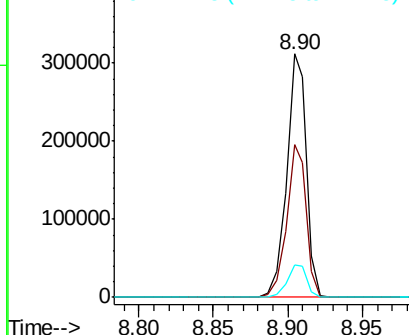
#41
Hexachlorocyclopentadiene
Concen: 76.494 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	39.4	79.4
272	13.2	0.0	32.6

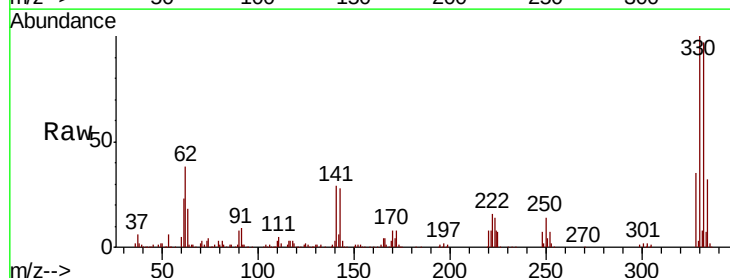


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

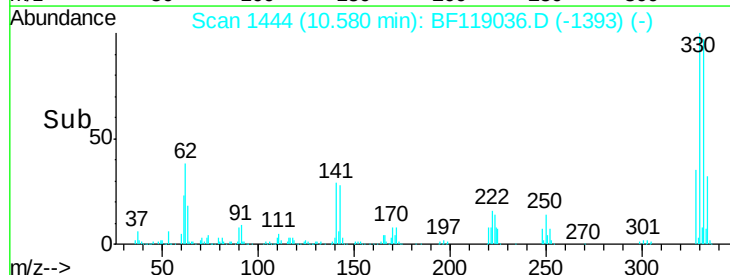
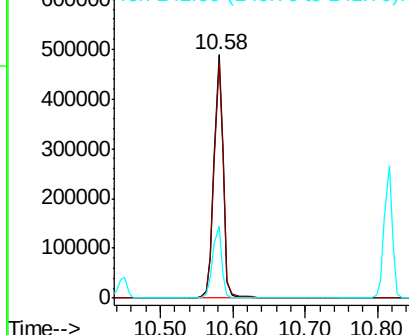


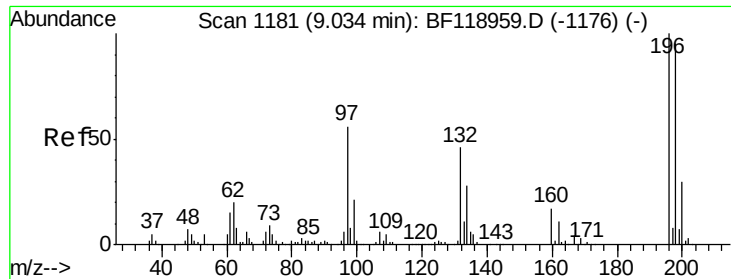
#42
2,4,6-Tribromophenol
Concen: 107.889 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	29.2	23.0	34.6



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

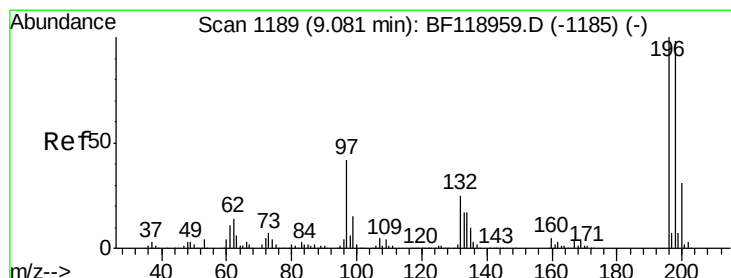
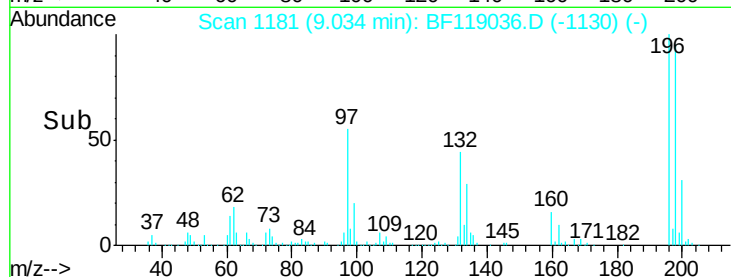
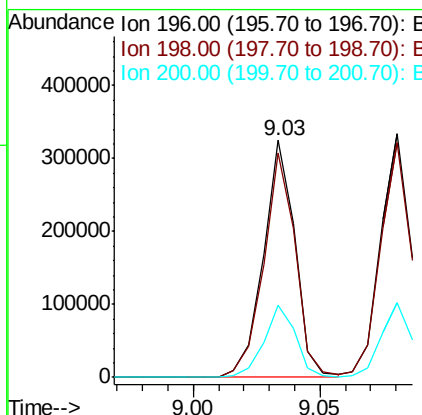
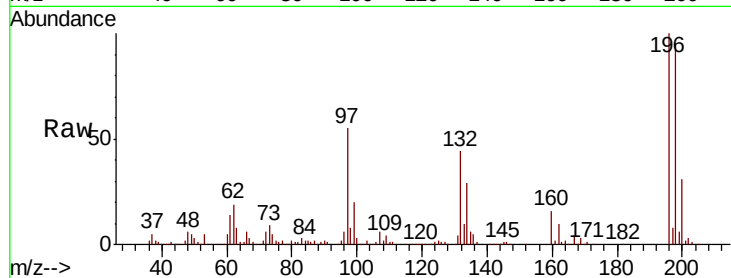




#43
 2,4,6-Trichlorophenol
 Concen: 42.808 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

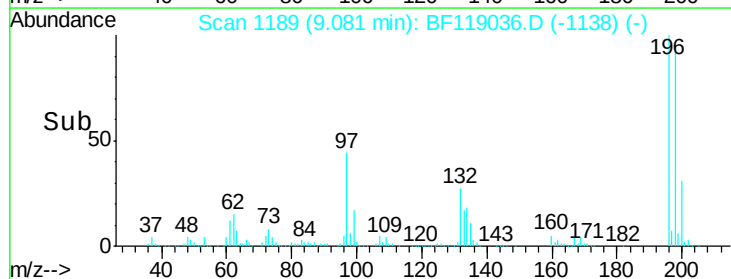
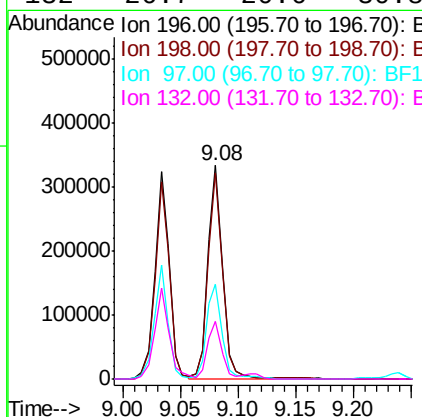
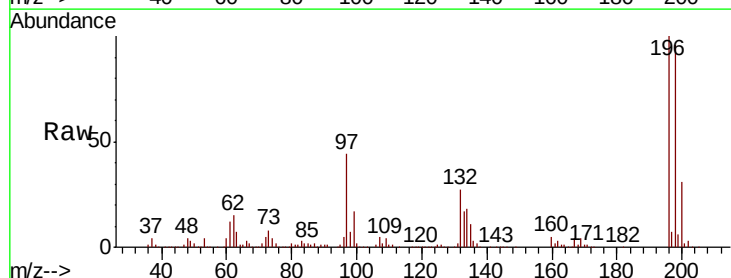
Instrument :
 BNA_F
 ClientSampleId :

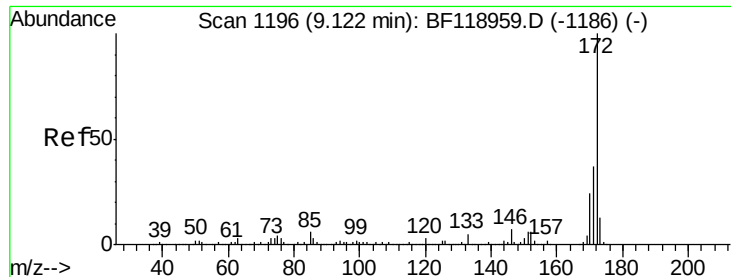
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.8	113.6
200	30.5	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.398 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.4	117.6
97	44.4	33.4	50.0
132	26.7	20.6	30.8





#45

2-Fluorobiphenyl

Concen: 77.685 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

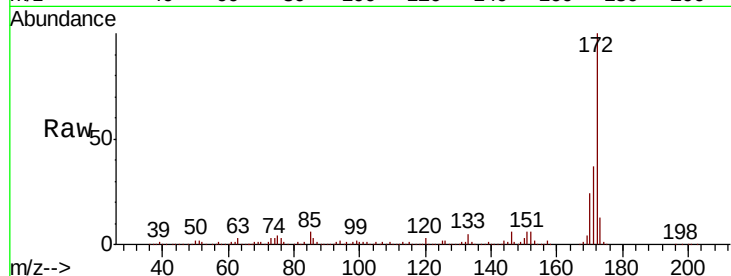
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1641979

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	24.1	19.6	29.4

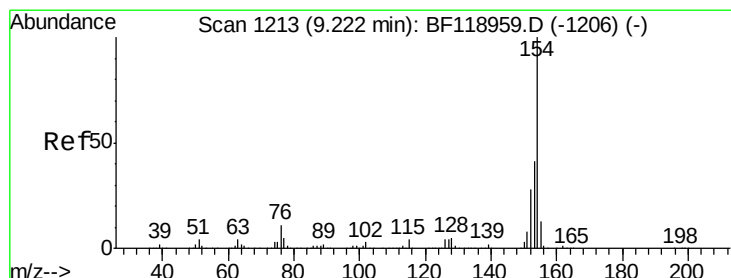
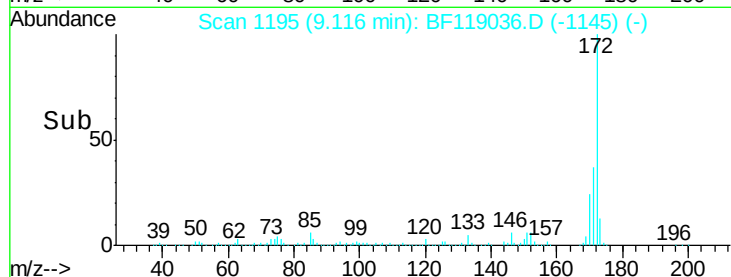
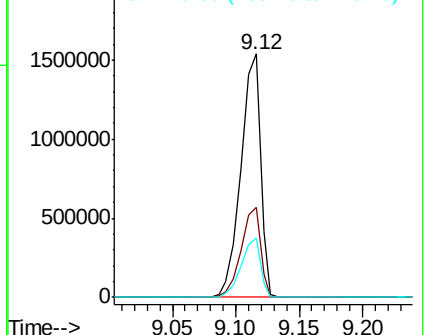


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.623 ng

RT: 9.22 min Scan# 1212

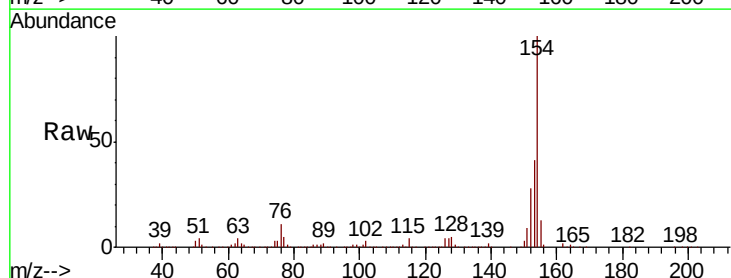
Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion:154 Resp: 1047462

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	11.1	0.0	31.1

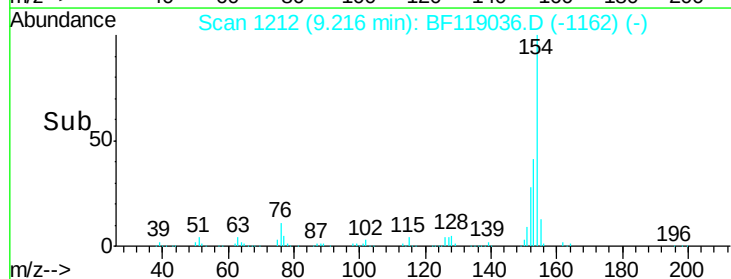
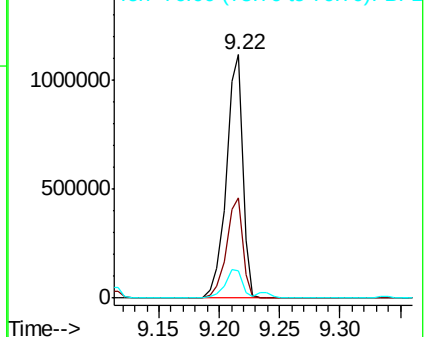


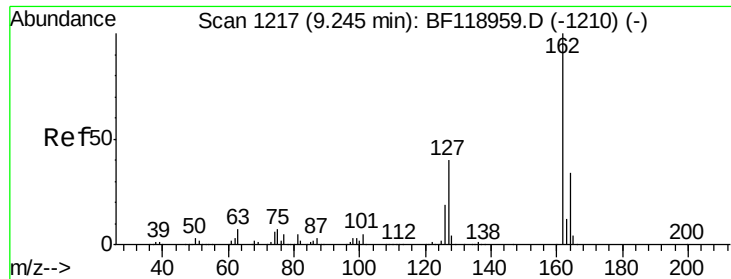
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

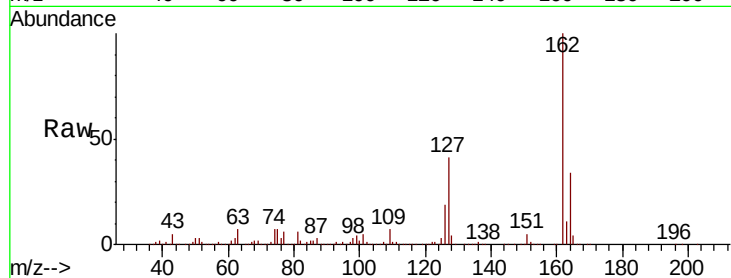




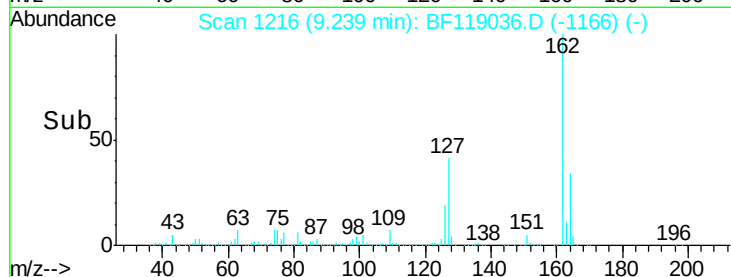
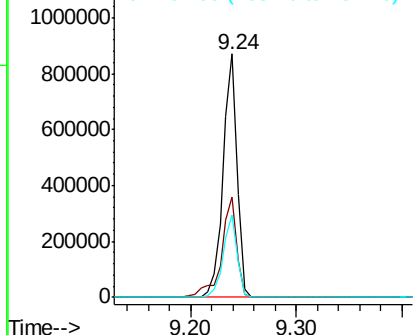
#47
 2-Chloronaphthalene
 Concen: 40.033 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.9	47.9
164	33.7	26.8	40.2

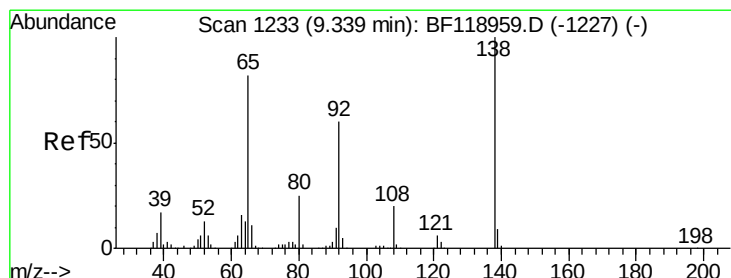


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

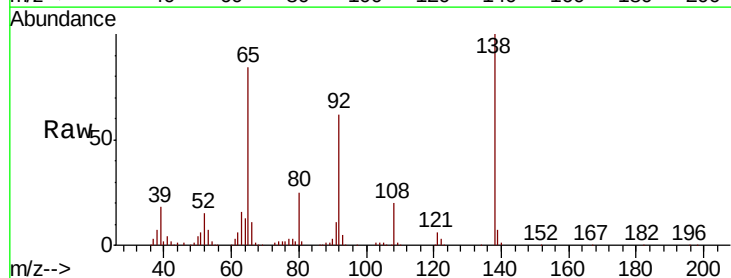
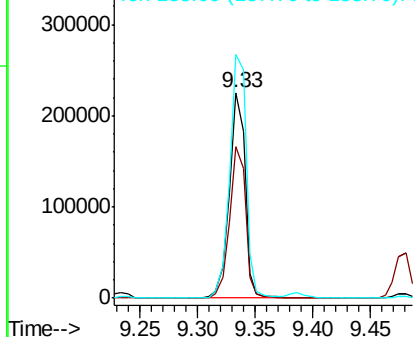


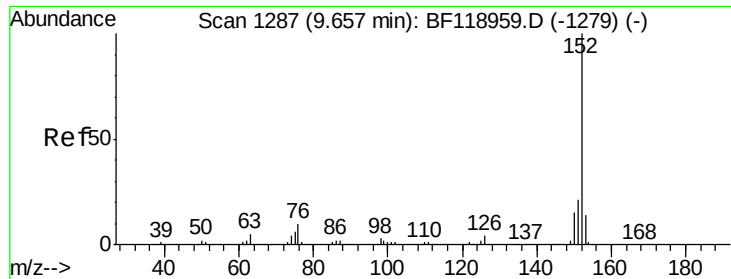
#48
 2-Nitroaniline
 Concen: 38.220 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	58.6	87.8
138	118.4	97.5	146.3



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





#49

Acenaphthylene

Concen: 43.210 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

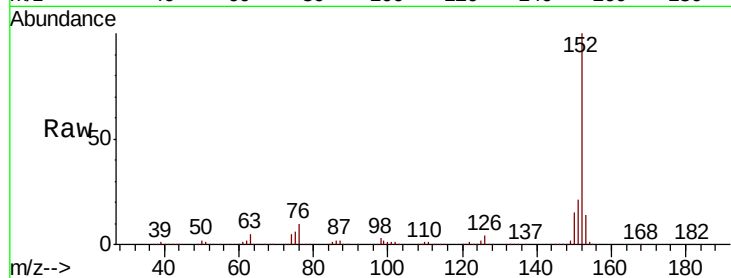
Tot Ion:152 Resp: 1265609

Ion Ratio Lower Upper

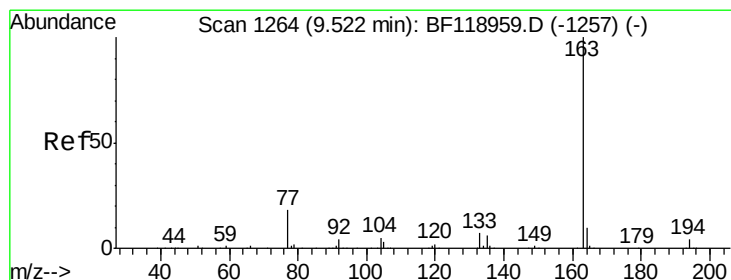
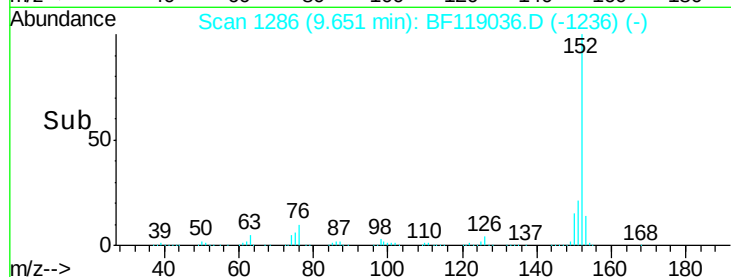
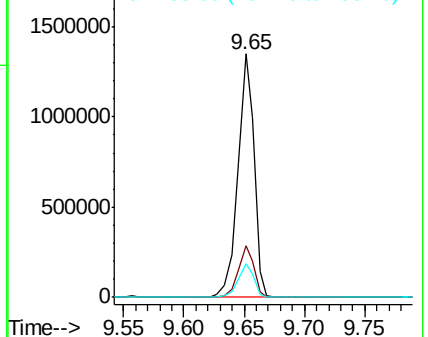
152 100

151 21.0 16.7 25.1

153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.984 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

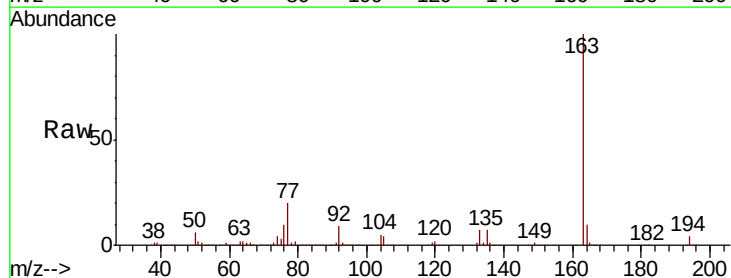
Tgt Ion:163 Resp: 1118699

Ion Ratio Lower Upper

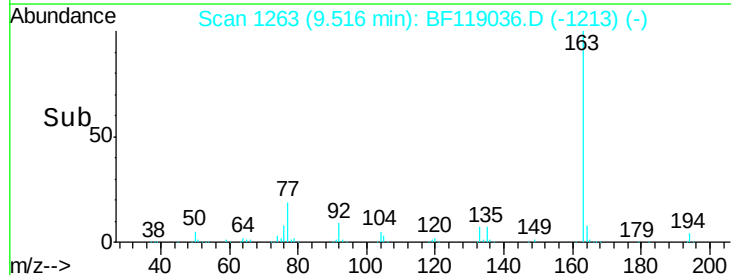
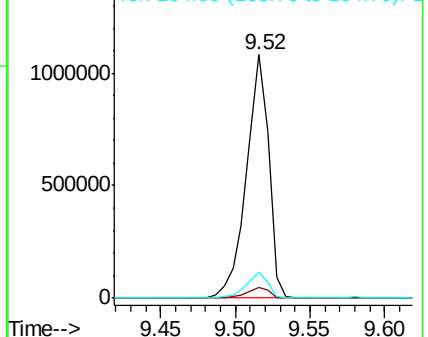
163 100

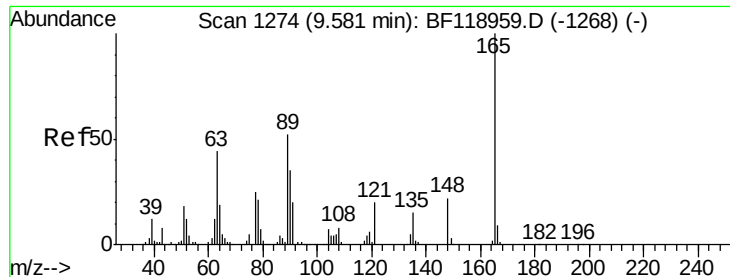
194 4.3 3.4 5.2

164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

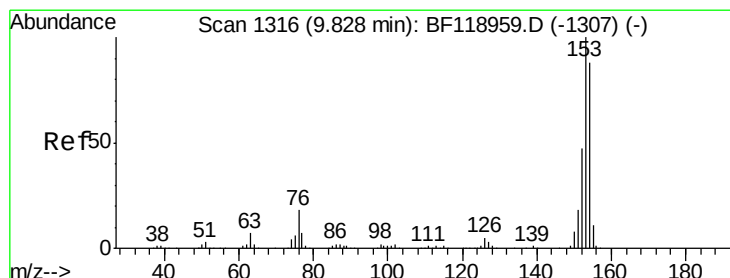
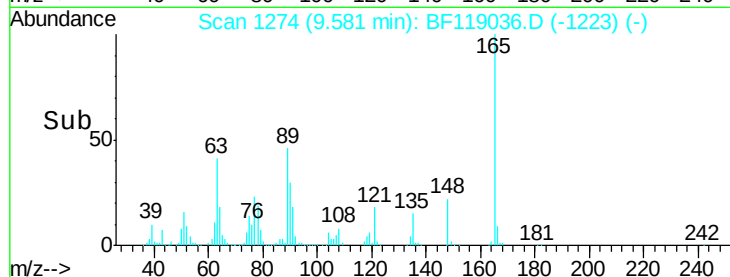
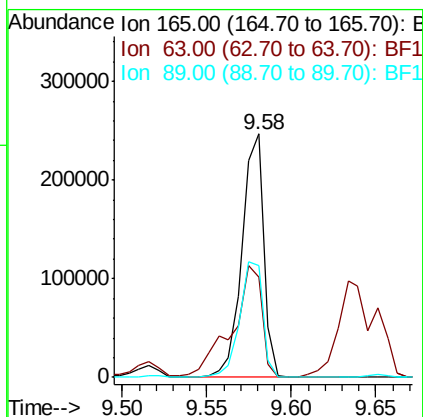
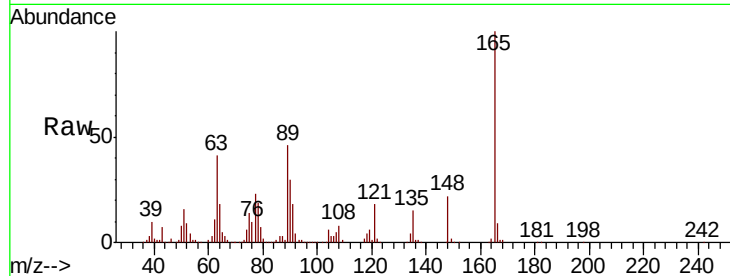




#51
 2,6-Dinitrotoluene
 Concen: 42.330 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

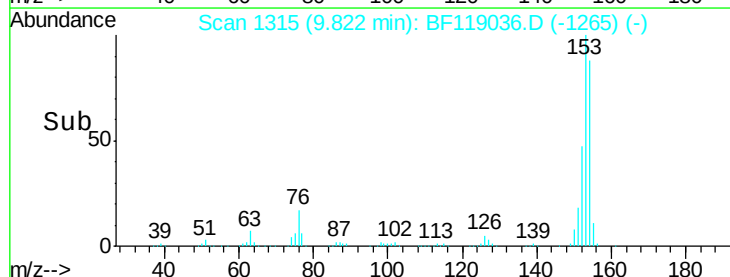
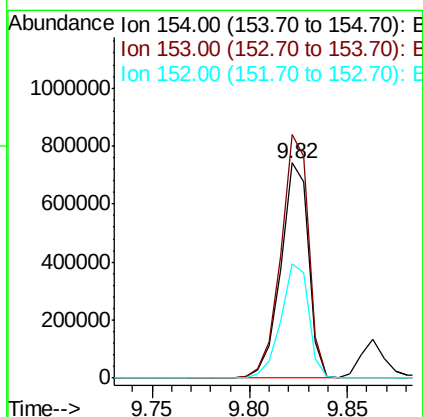
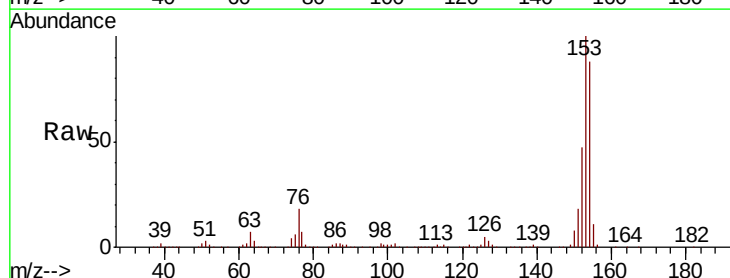
Instrument :
 BNA_F
 ClientSampleId :

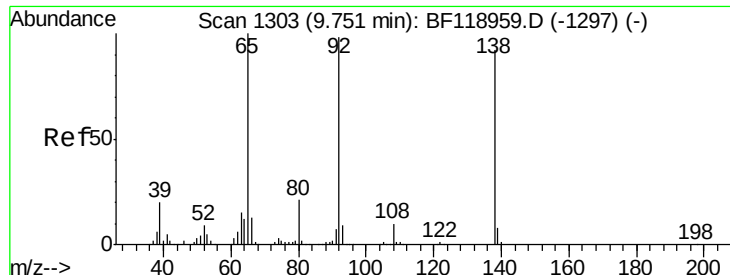
Tot Ion:165 Resp: 223922
 Ion Ratio Lower Upper
 165 100
 63 41.0 37.9 56.9
 89 46.2 41.4 62.0



#52
 Acenaphthene
 Concen: 41.414 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:154 Resp: 731418
 Ion Ratio Lower Upper
 154 100
 153 113.1 90.4 135.6
 152 53.2 42.9 64.3

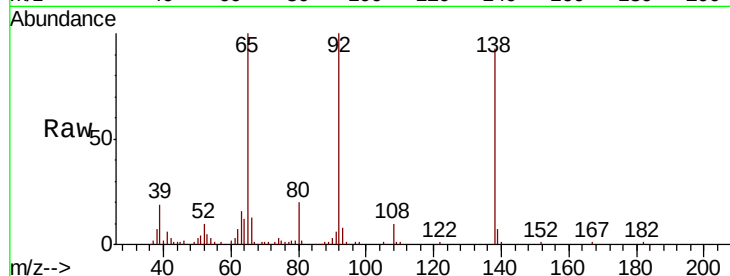




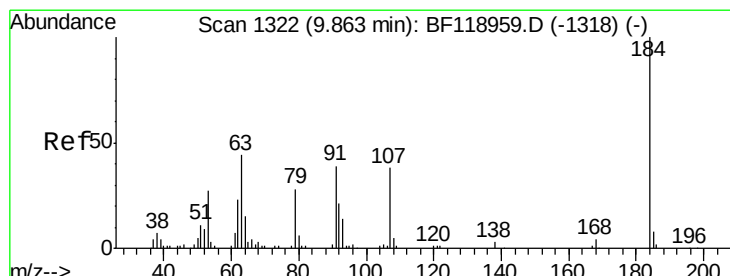
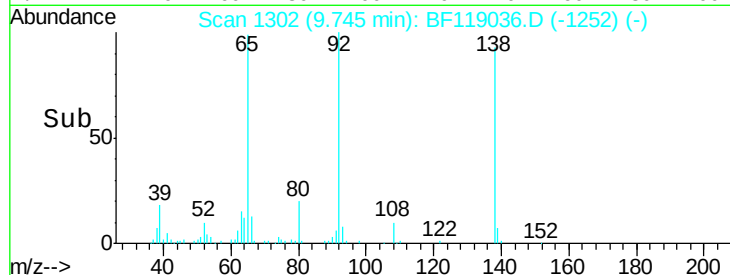
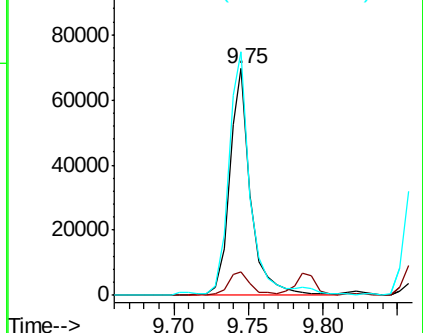
#53
3-Nitroaniline
Concen: 11.826 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 69353
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 107.4 84.6 127.0

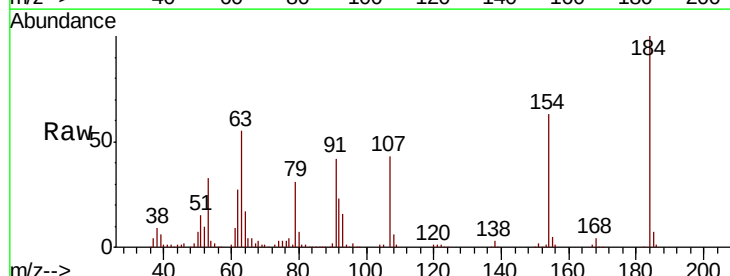


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

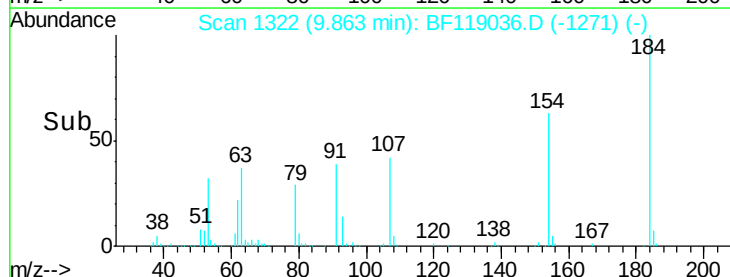
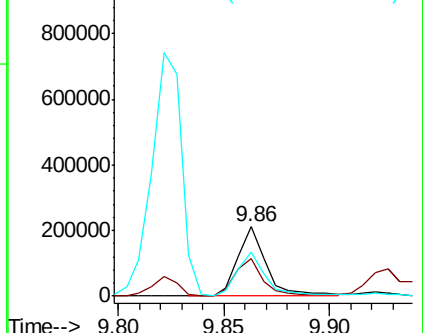


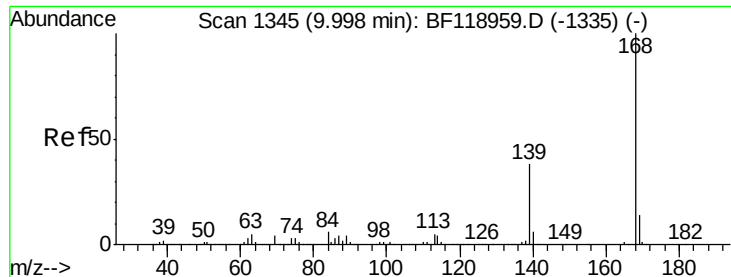
#54
2,4-Dinitrophenol
Concen: 77.010 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:184 Resp: 197202
Ion Ratio Lower Upper
184 100
63 54.9 37.8 56.6
154 63.3 47.6 71.4



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

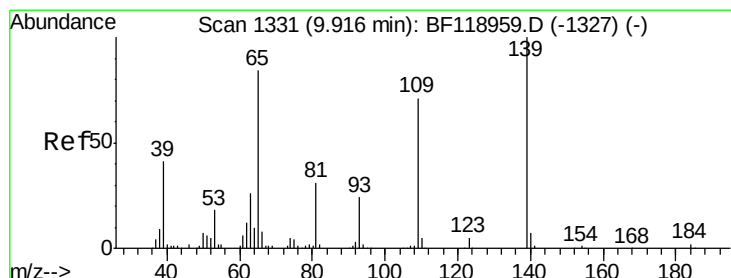
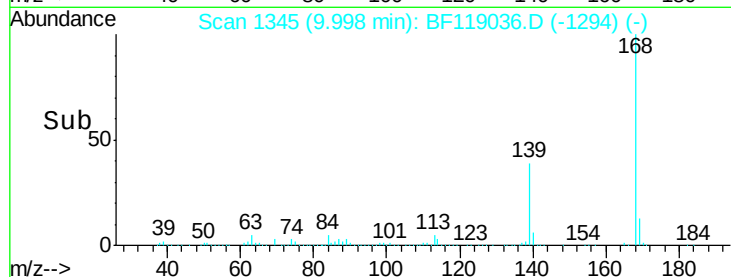
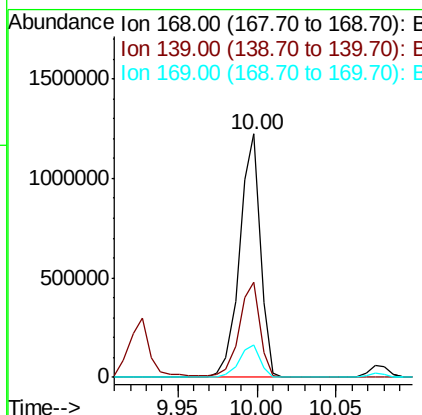
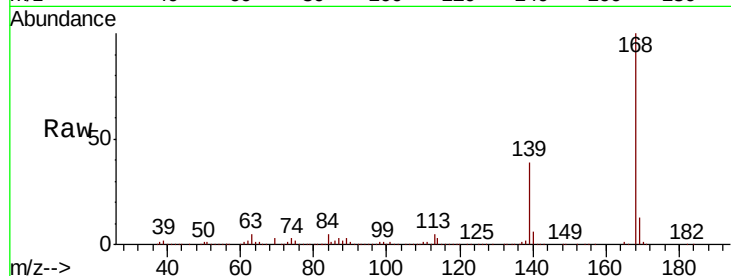




#55
Dibenzenofuran
Concen: 41.880 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

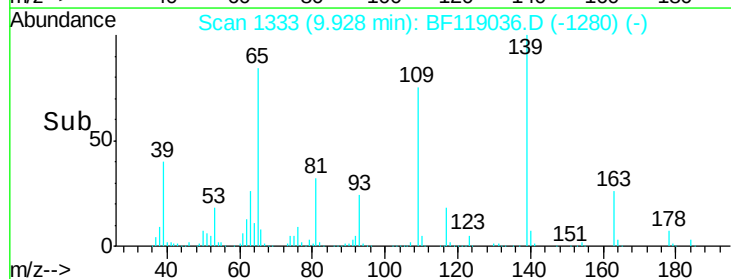
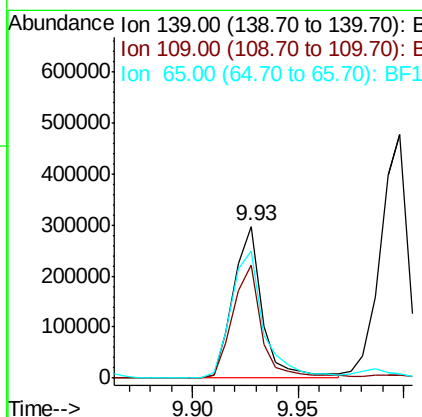
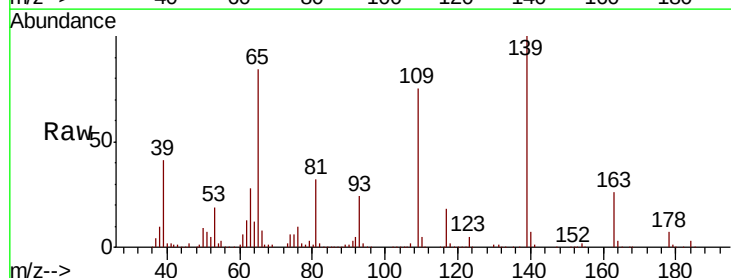
Instrument :
BNA_F
ClientSampleId :

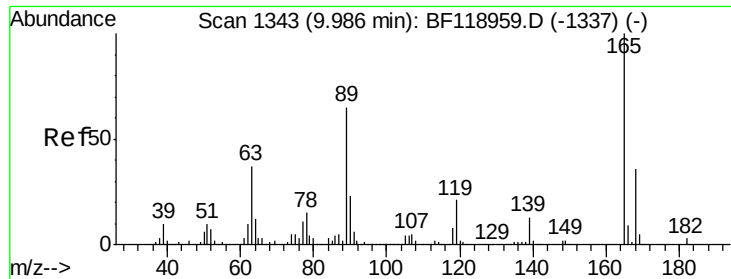
Tot Ion:168 Resp: 1104010
Ion Ratio Lower Upper
168 100
139 39.0 31.7 47.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 80.573 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:139 Resp: 283901
Ion Ratio Lower Upper
139 100
109 74.7 51.1 91.1
65 83.9 64.7 104.7

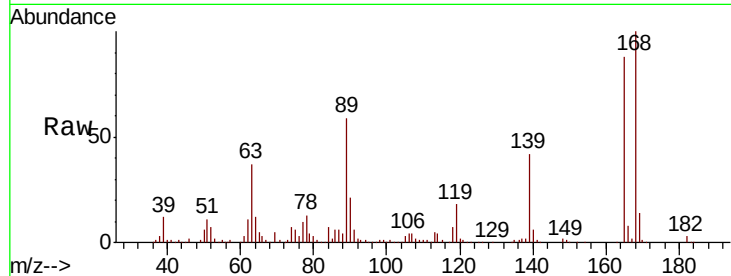




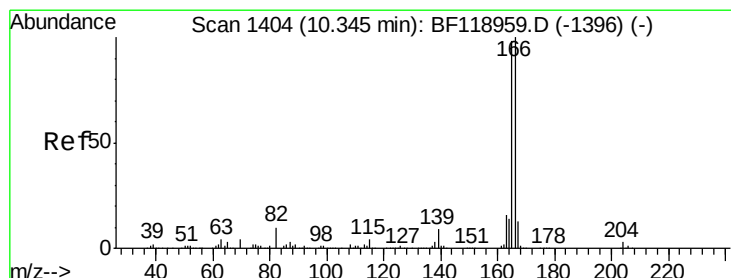
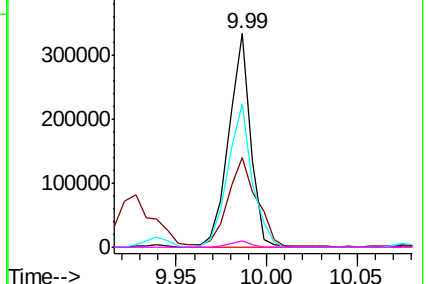
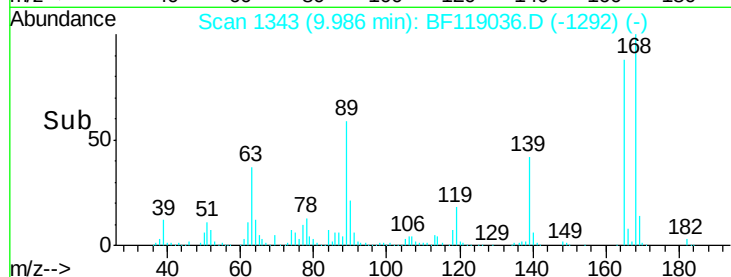
#57
 2,4-Dinitrotoluene
 Concen: 40.756 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	279454
Ion Ratio	Lower	Upper
165	100	
63	42.0	29.8 44.8
89	67.0	51.9 77.9
182	3.3	2.3 3.5

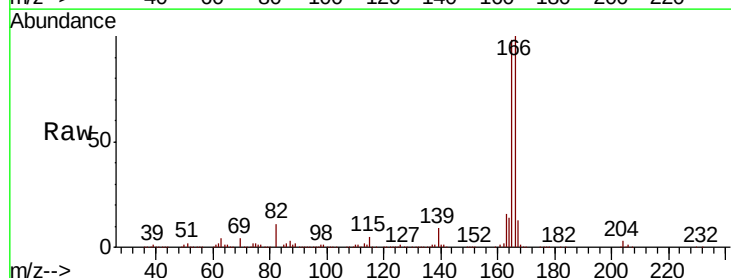


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

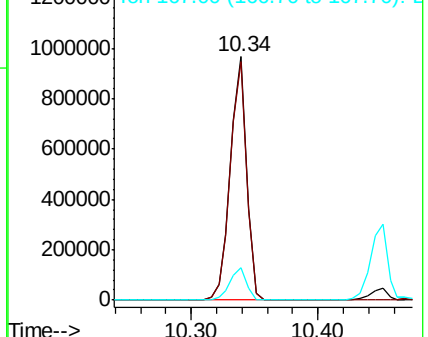
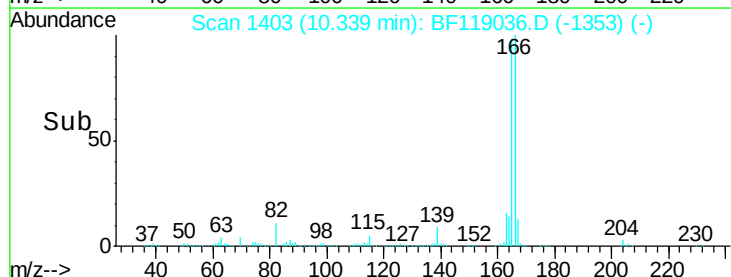


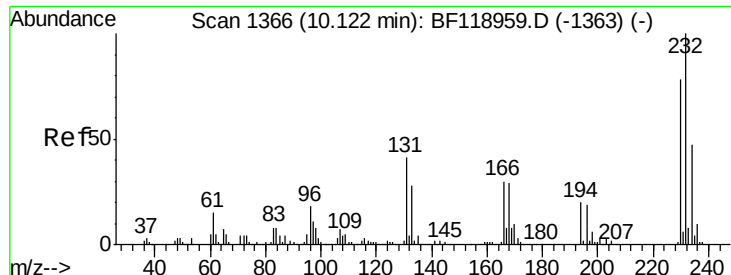
#58
 Fluorene
 Concen: 41.789 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:166	Resp:	856015
Ion Ratio	Lower	Upper
166	100	
165	98.2	78.2 117.4
167	13.3	10.6 16.0



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

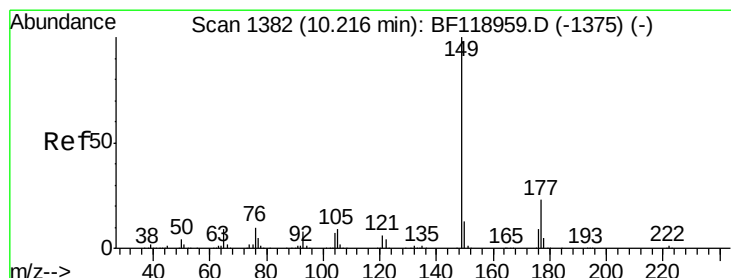
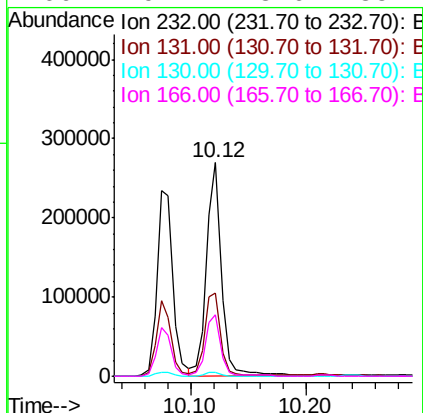
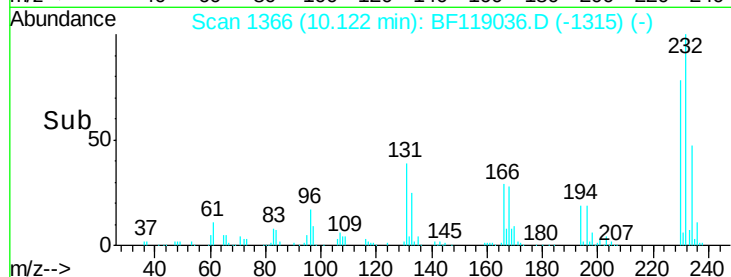
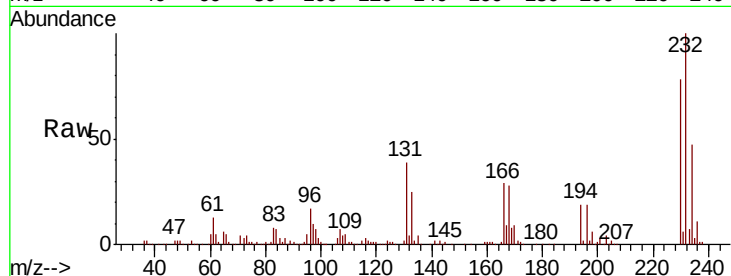




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.435 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

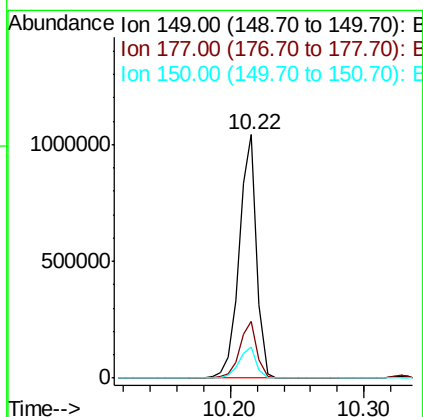
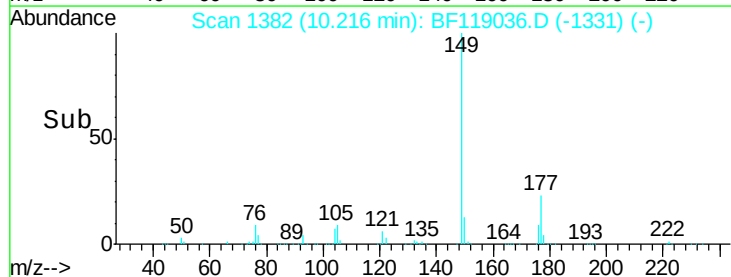
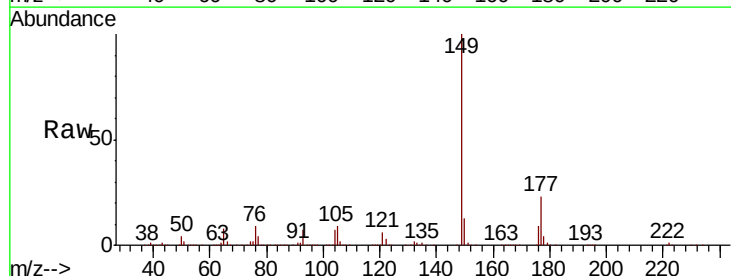
Instrument :
BNA_F
ClientSampleId :

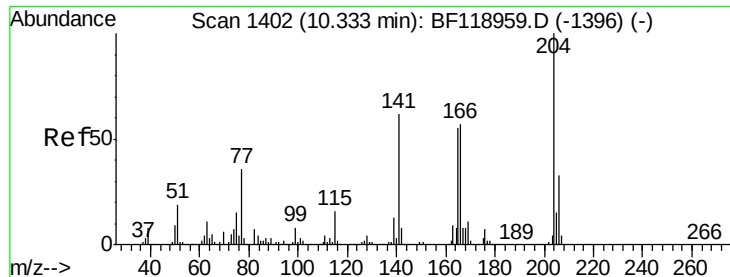
Tot Ion:232 Resp: 243228
Ion Ratio Lower Upper
232 100
131 41.3 34.0 51.0
130 2.1 1.6 2.4
166 29.1 23.6 35.4



#60
Diethylphthalate
Concen: 41.980 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:149 Resp: 941952
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.6 10.4 15.6

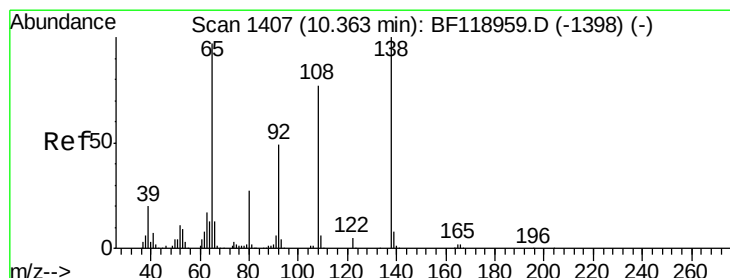
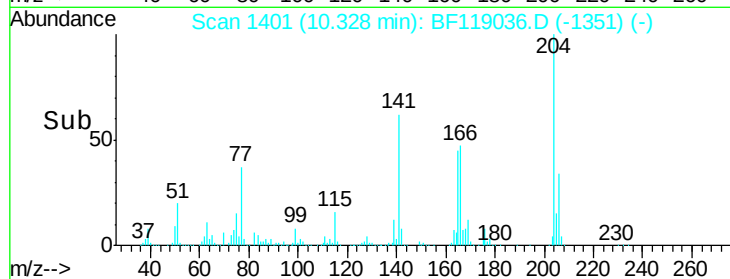
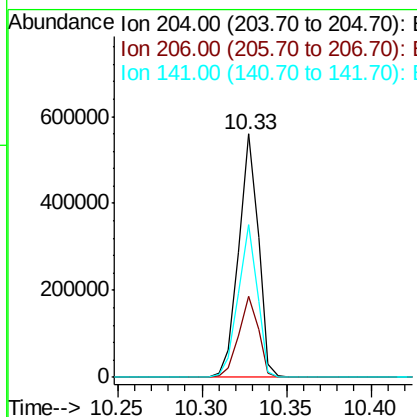
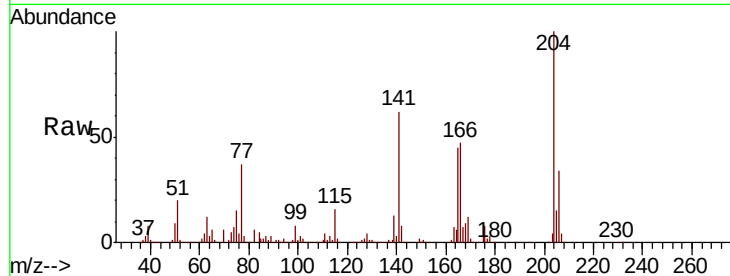




#61
 4-Chlorophenyl-phenylether
 Concen: 41.635 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

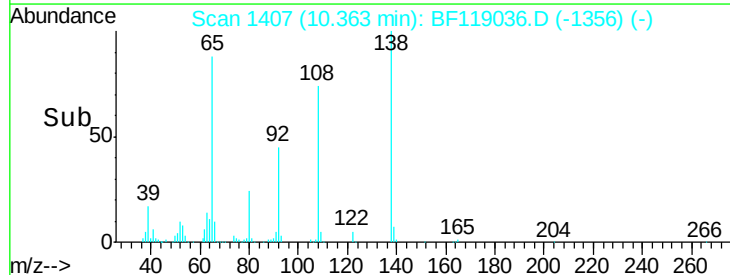
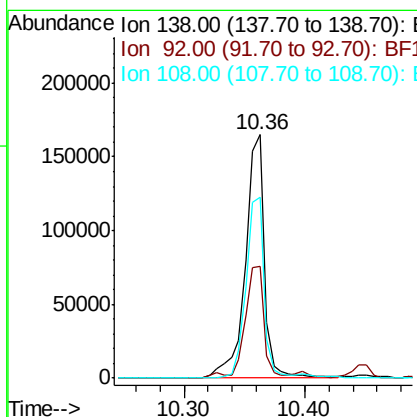
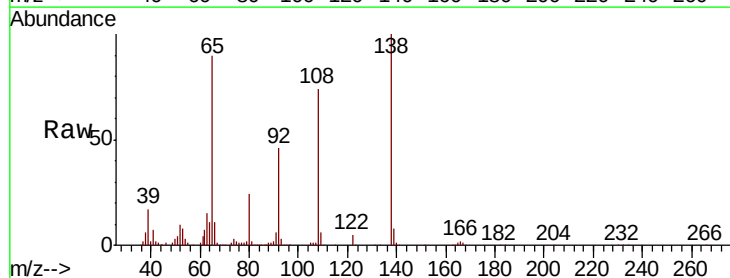
Instrument :
 BNA_F
 ClientSampled :

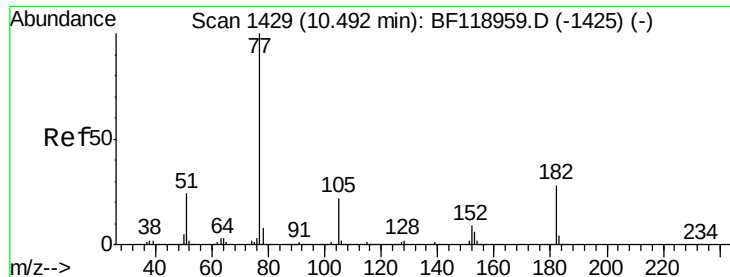
Tot Ion:	204	Resp:	451430
Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	62.5	49.5	74.3



#62
 4-Nitroaniline
 Concen: 30.538 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:	138	Resp:	183228
Ion	Ratio	Lower	Upper
138	100		
92	45.7	28.7	68.7
108	74.3	56.8	96.8





#63

Azobenzene

Concen: 42.241 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 823857

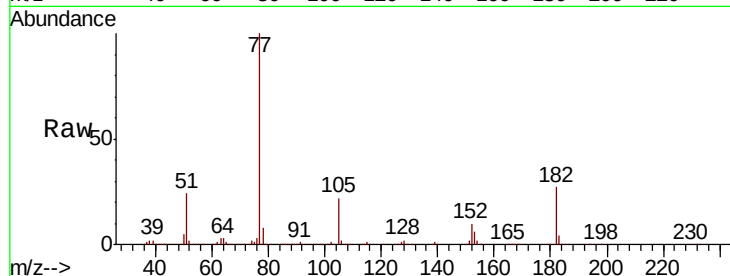
Ion Ratio Lower Upper

77 100

182 27.2 8.2 48.2

105 22.0 2.3 42.3

51 24.1 3.6 43.6

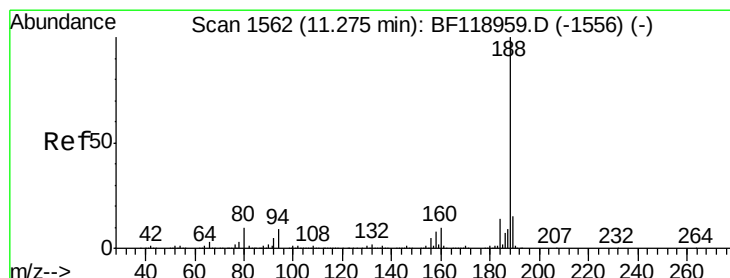
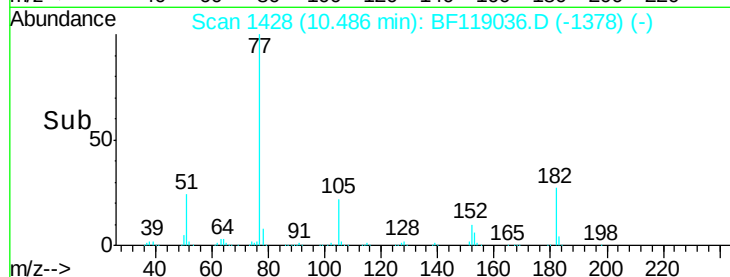
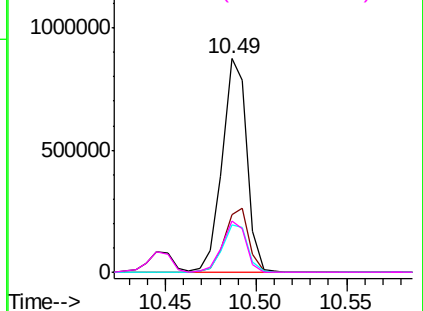


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

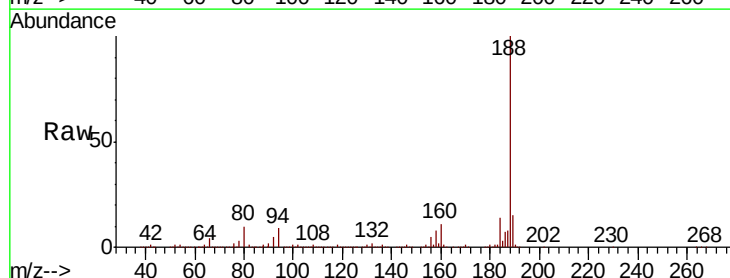
Tgt Ion: 188 Resp: 529794

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

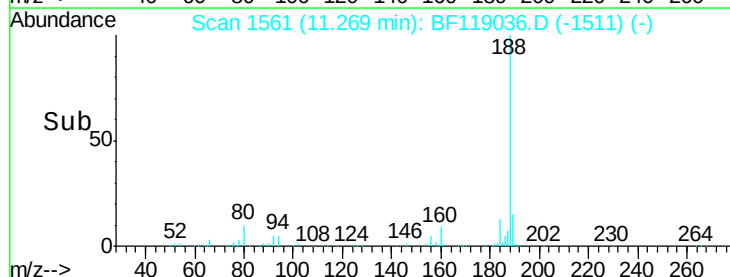
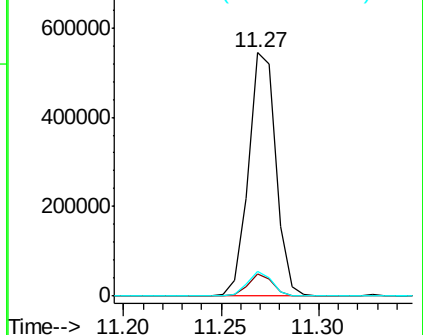
80 10.2 7.9 11.9

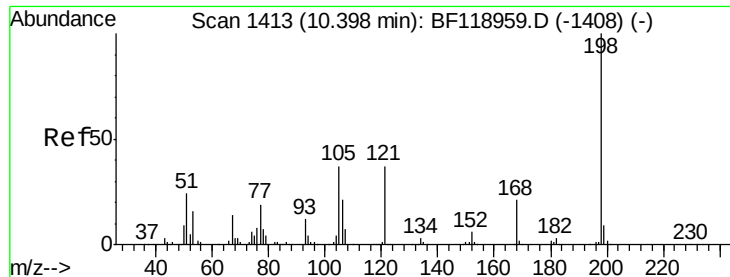


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

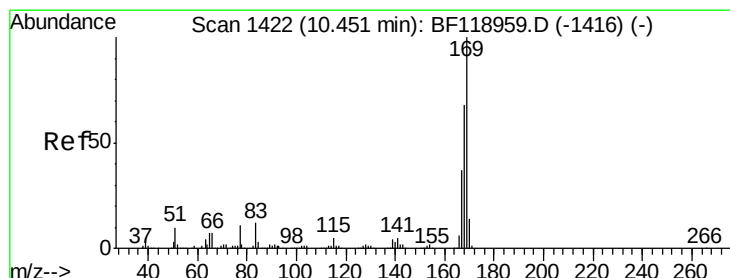
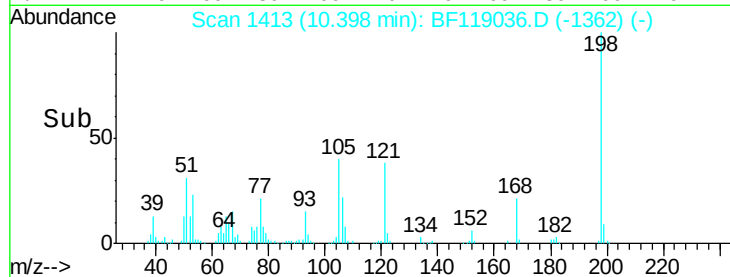
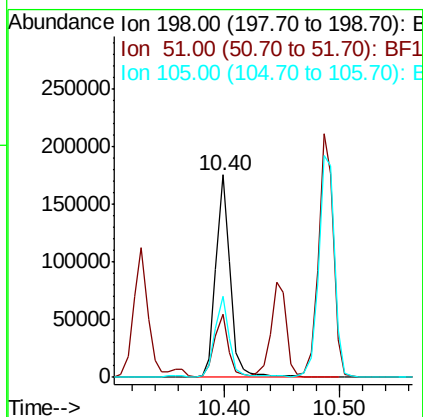
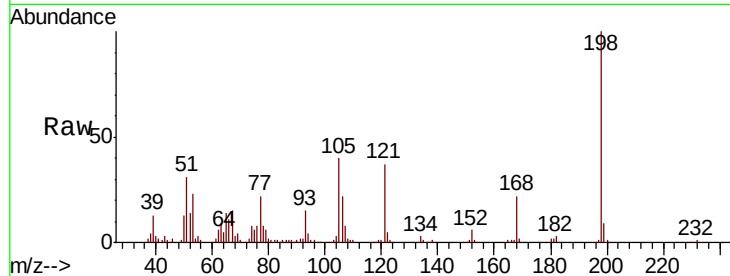




#65
4,6-Dinitro-2-methylphenol
Concen: 47.794 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

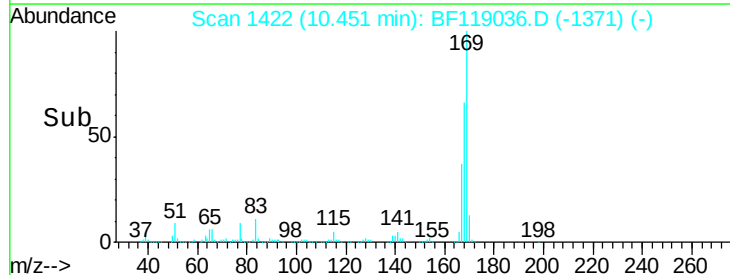
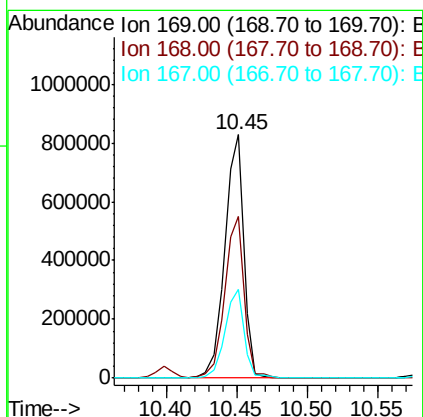
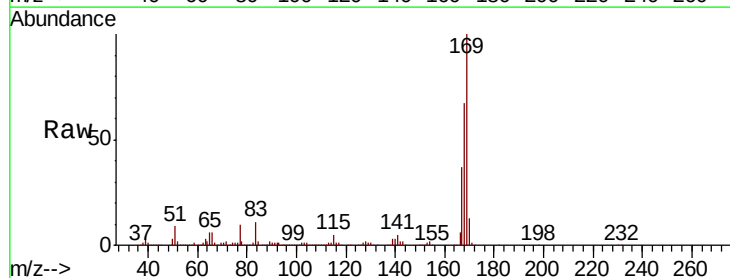
Instrument :
BNA_F
ClientSampled :

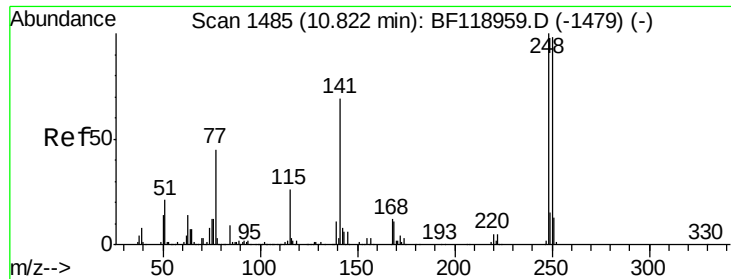
Tot Ion:198 Resp: 153221
Ion Ratio Lower Upper
198 100
51 31.0 7.1 47.1
105 40.4 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 44.453 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:169 Resp: 771143
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.2
167 36.6 29.4 44.2

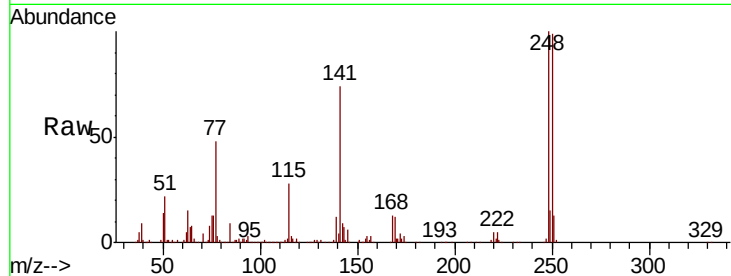




#67
4-Bromophenyl-phenylether
Concen: 42.461 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.8	118.2
141	73.7	55.3	82.9

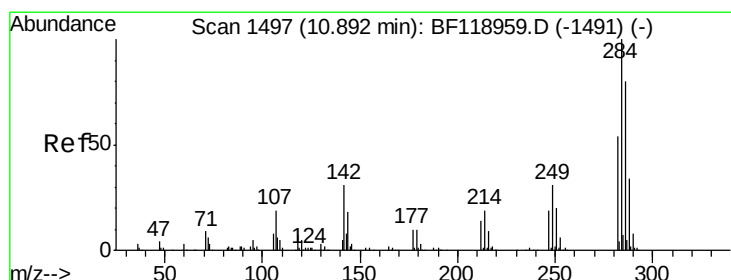
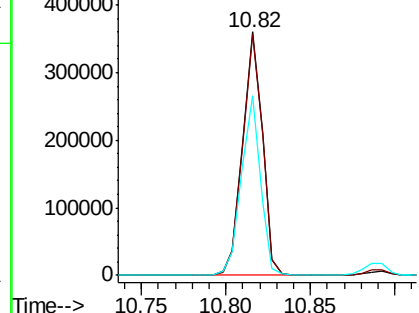
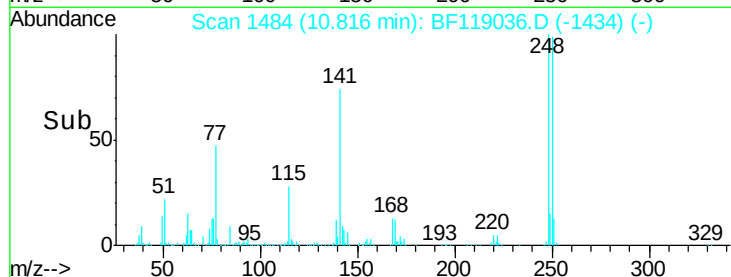


Abundance

Ion 248.00 (247.70 to 248.70): E

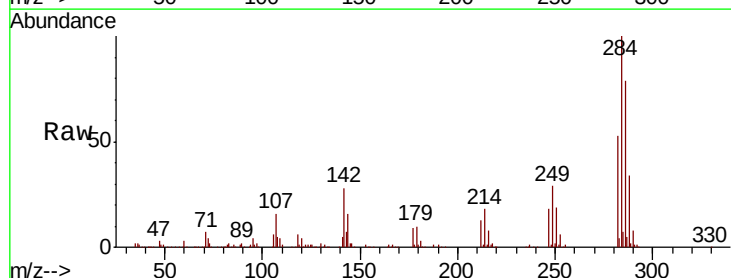
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.249 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	25.0	37.6
249	29.4	25.0	37.4

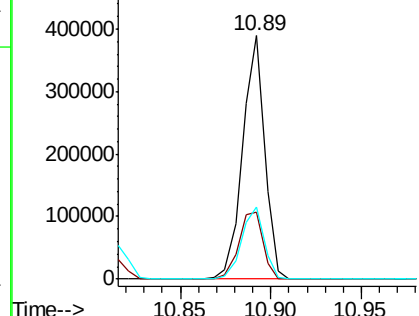
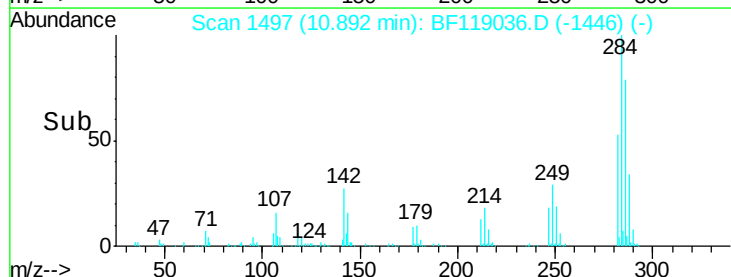


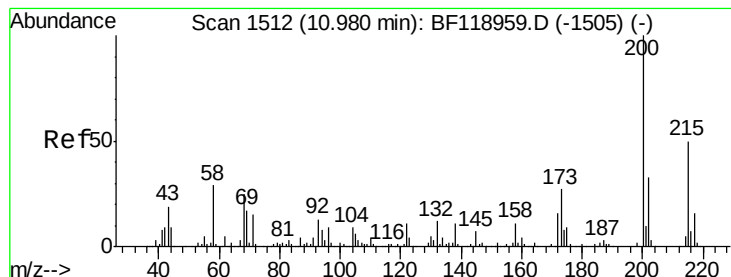
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.940 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

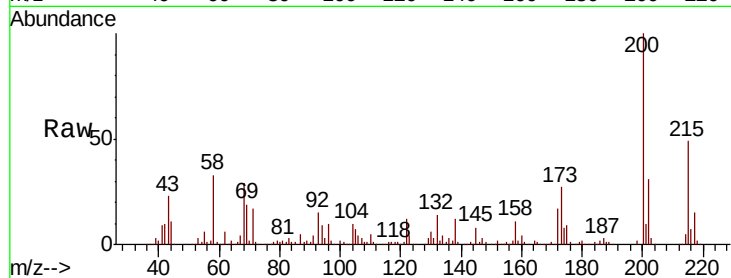
Tot Ion:200 Resp: 260261

Ion Ratio Lower Upper

200 100

173 27.4 6.9 46.9

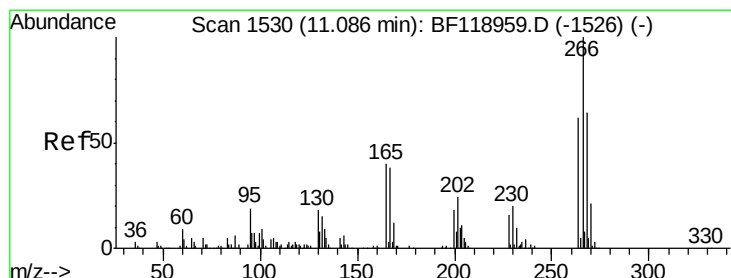
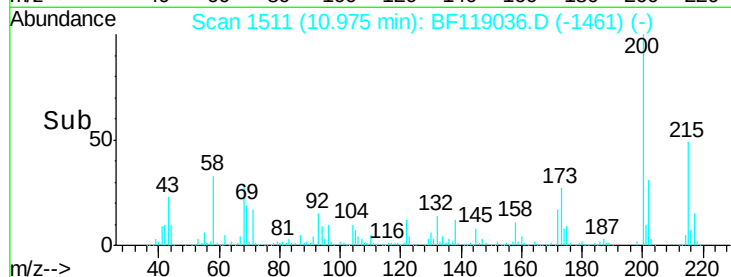
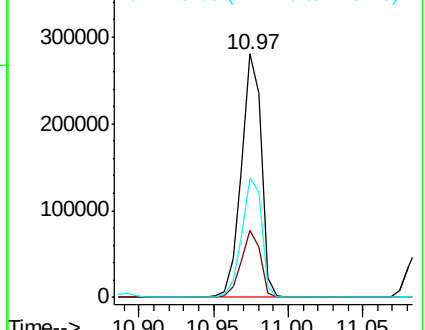
215 48.9 29.7 69.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.357 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

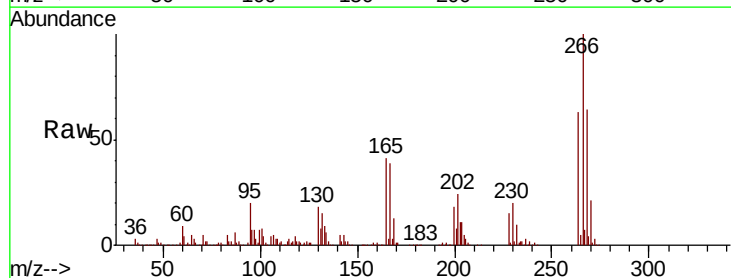
Tgt Ion:266 Resp: 303476

Ion Ratio Lower Upper

266 100

268 64.1 51.4 77.0

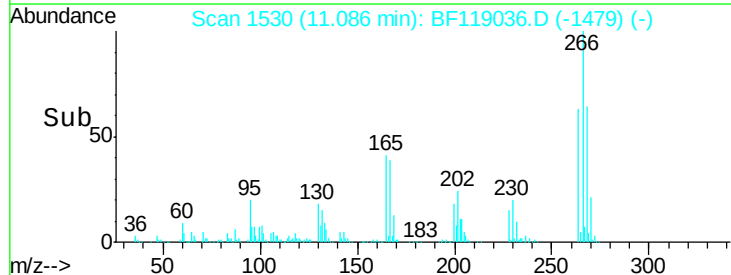
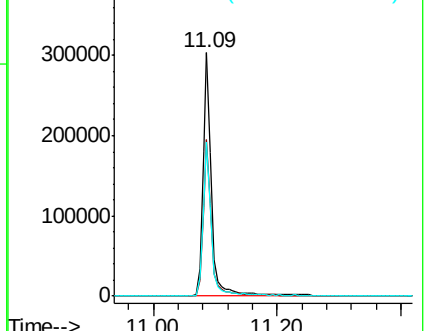
264 63.3 49.5 74.3

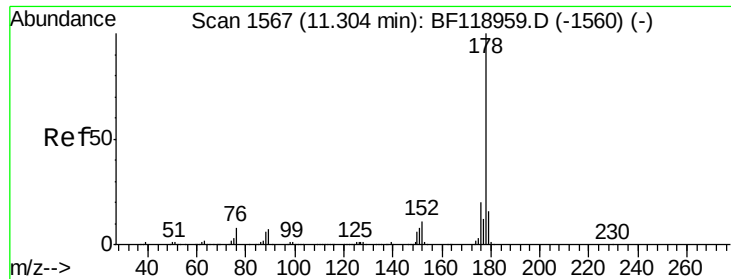


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

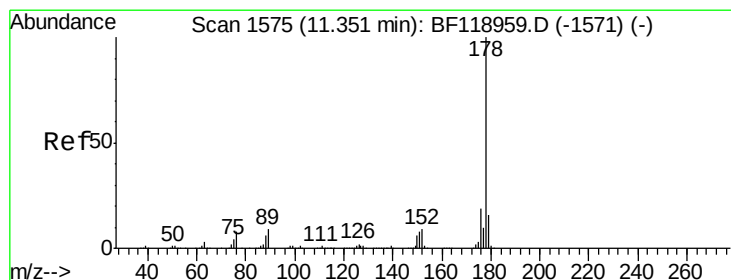
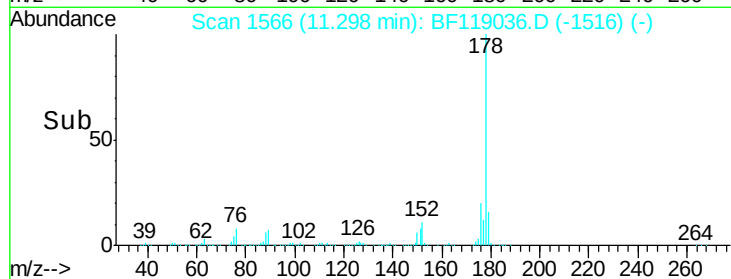
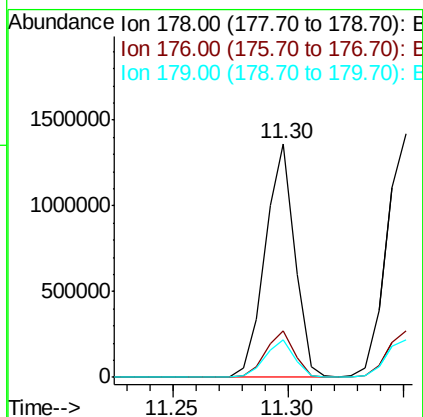
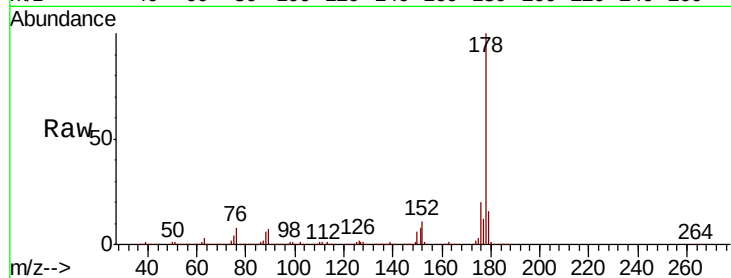




#71
Phenanthrene
Concen: 41.983 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

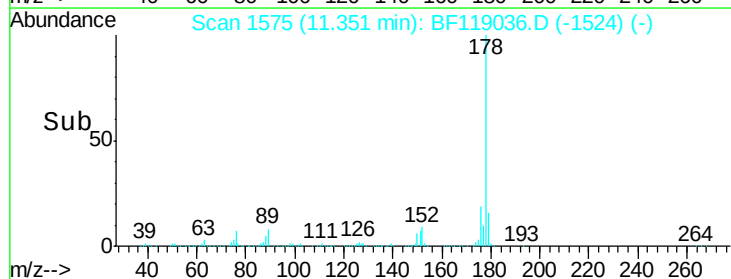
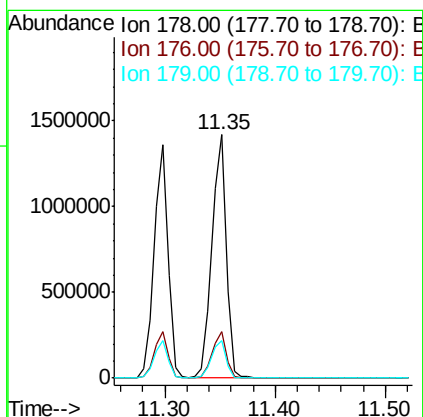
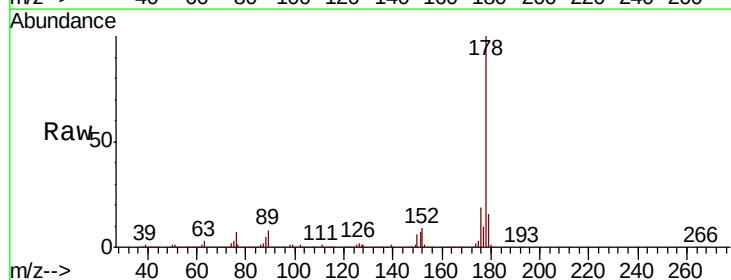
Instrument :
BNA_F
ClientSampleId :

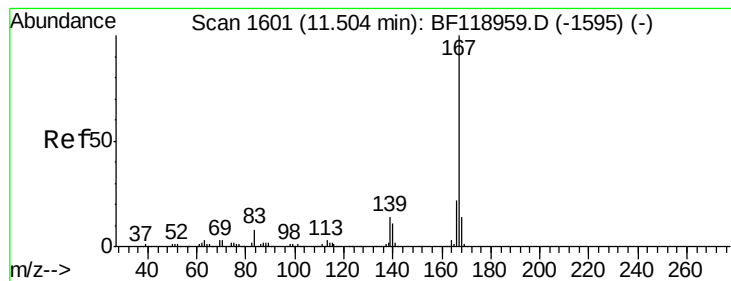
Tot Ion:178 Resp: 1212994
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.9 12.6 18.8



#72
Anthracene
Concen: 43.557 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:178 Resp: 1257414
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.8 19.2





#73

Carbazole

Concen: 40.159 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

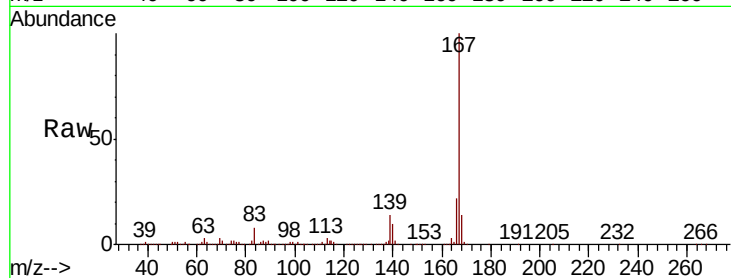
Tot Ion:167 Resp: 1032803

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

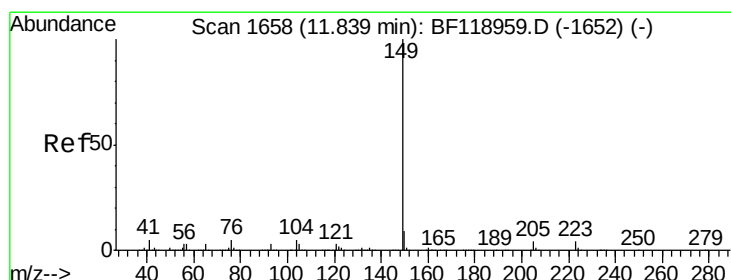
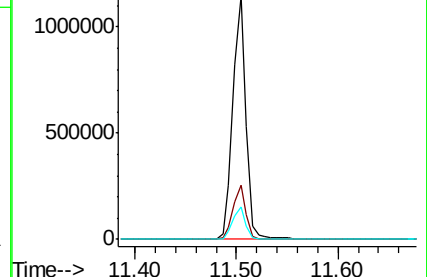
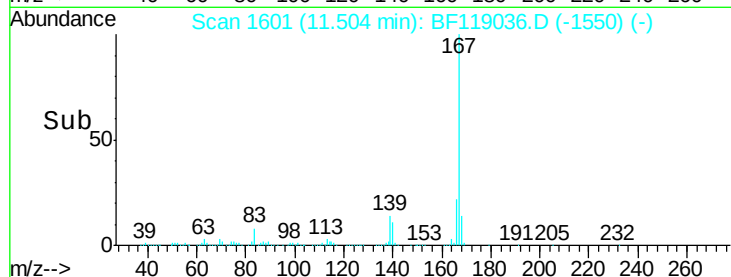
139 13.5 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.750 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

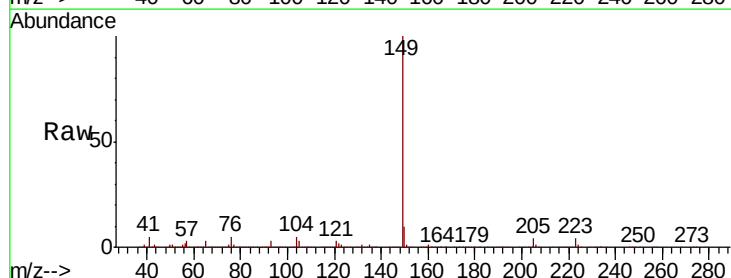
Tgt Ion:149 Resp: 1331452

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

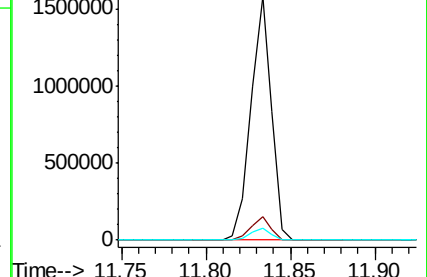
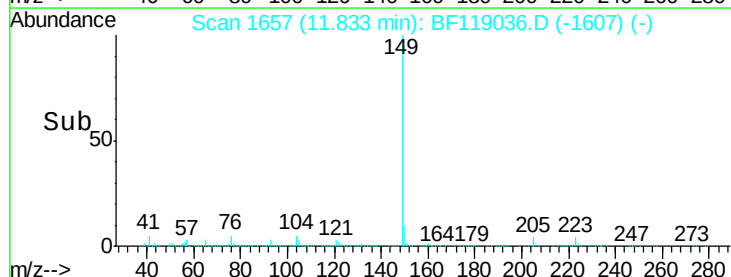
104 5.0 4.0 6.0

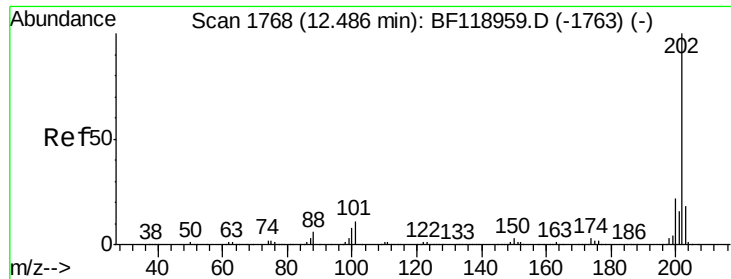


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.771 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

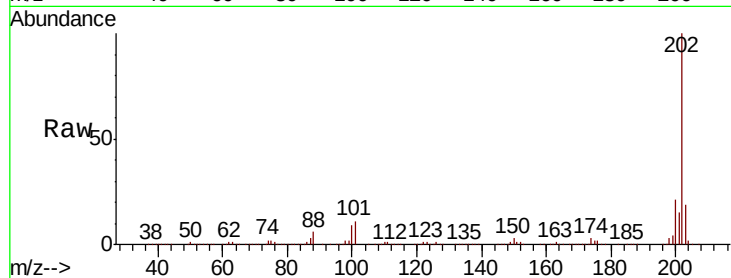
Tot Ion:202 Resp: 1158367

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.1

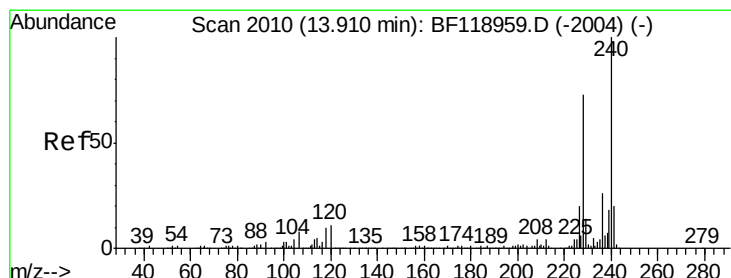
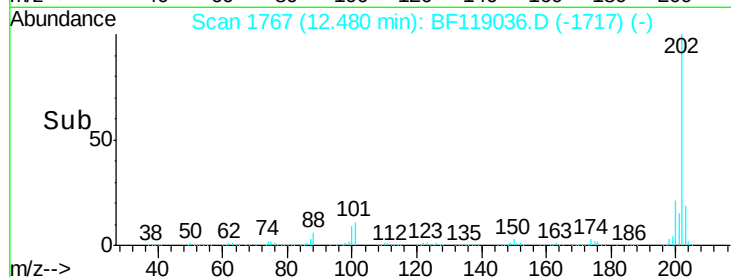
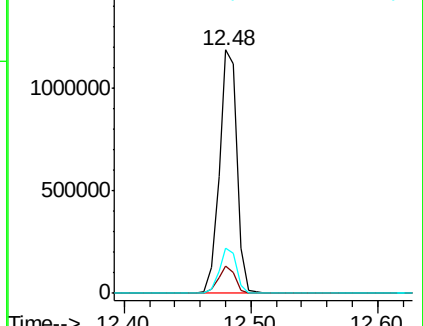
203 18.6 0.0 38.1



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: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

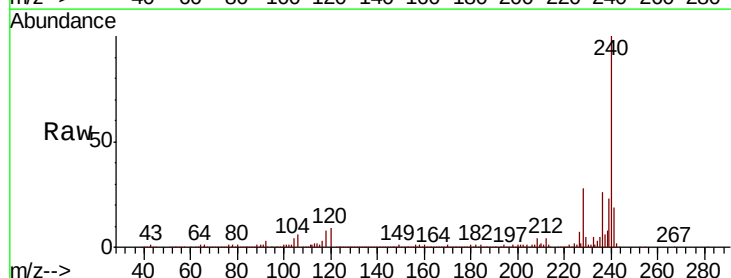
Tgt Ion:240 Resp: 317028

Ion Ratio Lower Upper

240 100

120 9.2 8.9 13.3

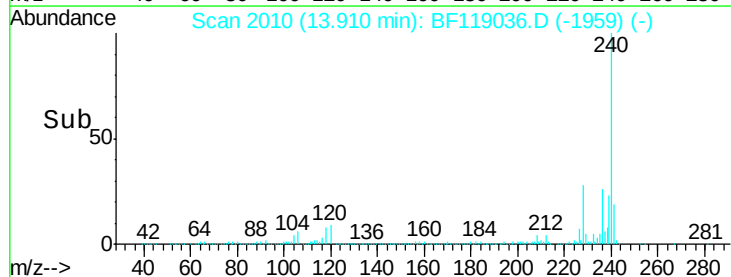
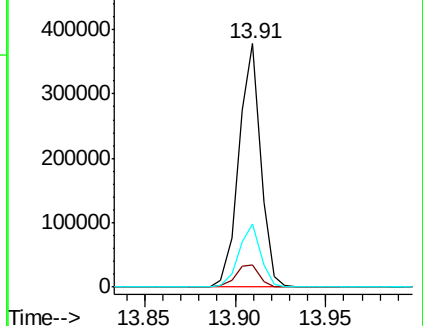
236 26.1 20.6 30.8

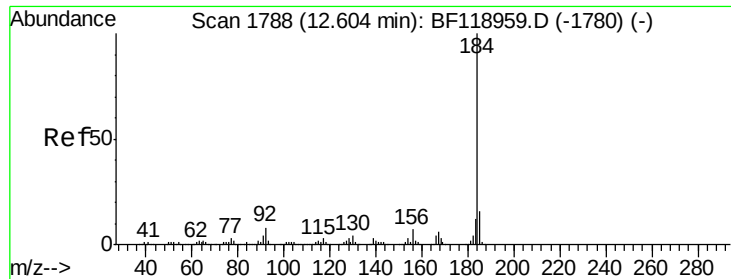


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.555 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

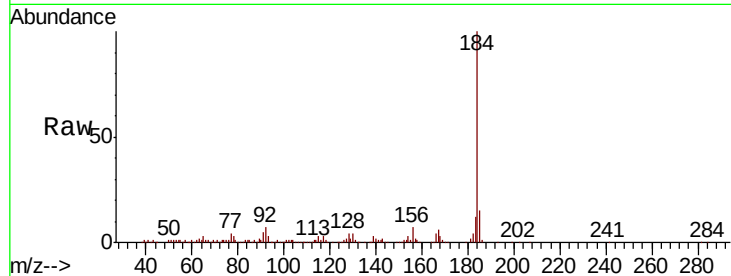
Tot Ion:184 Resp: 290808

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

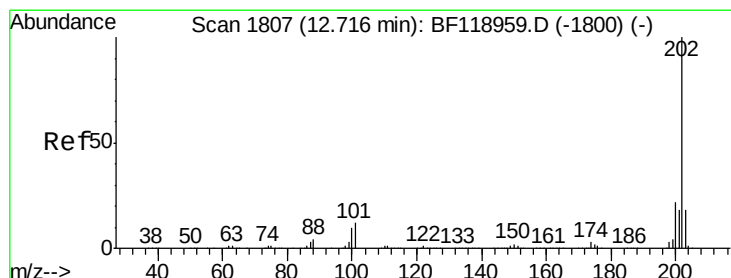
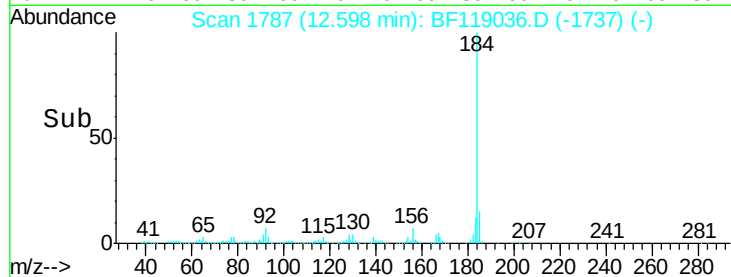
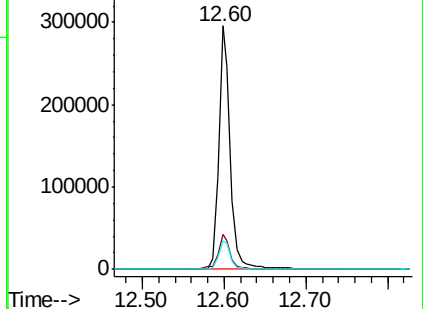
183 11.9 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.067 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

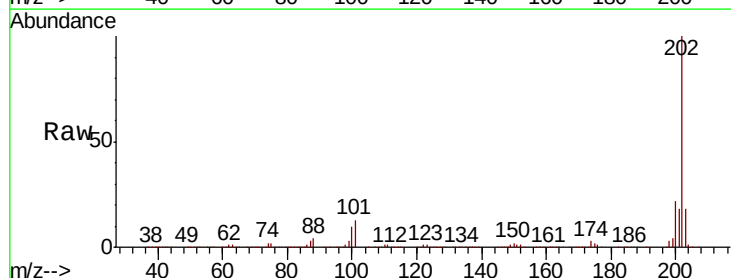
Tgt Ion:202 Resp: 1147277

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.0

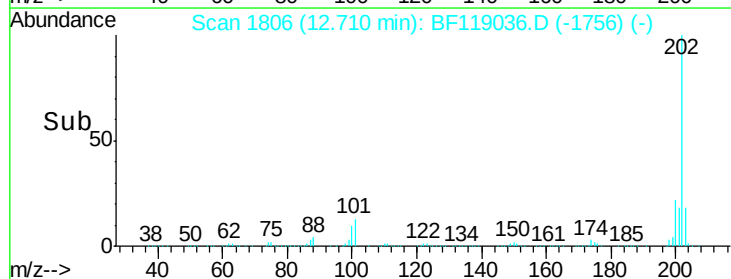
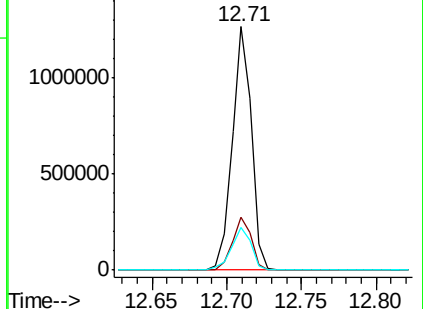
203 17.6 14.5 21.7

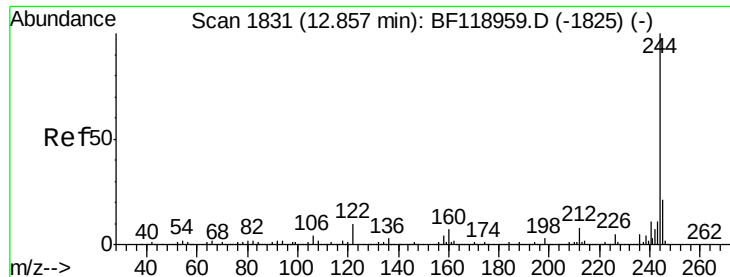


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

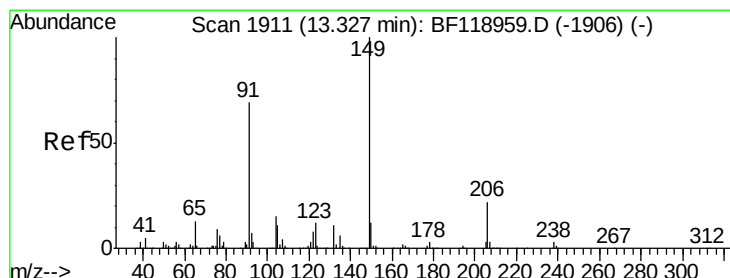
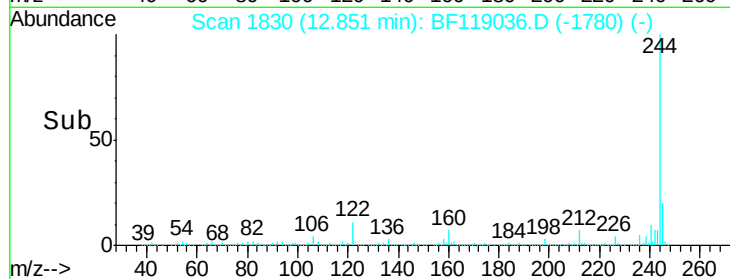
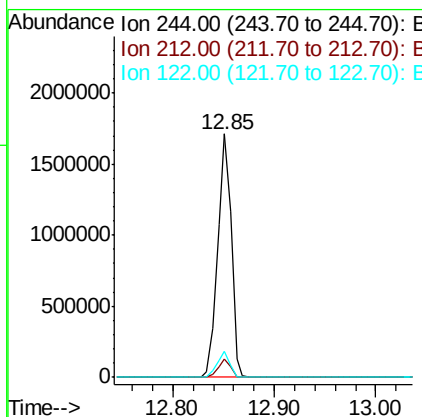
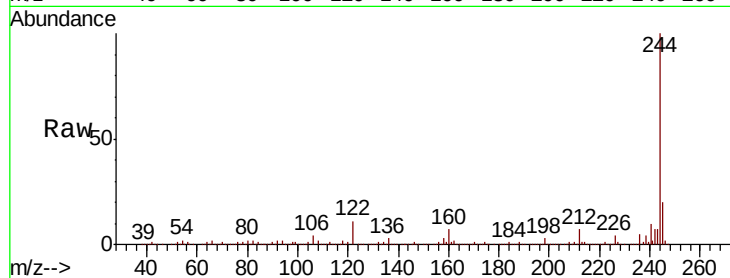




#79
 Terphenyl-d14
 Concen: 86.466 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

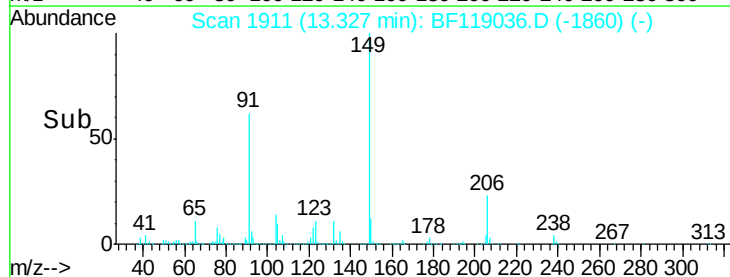
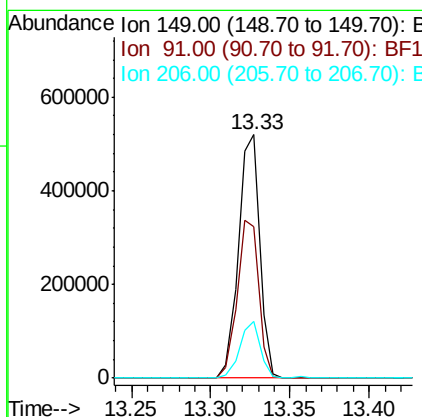
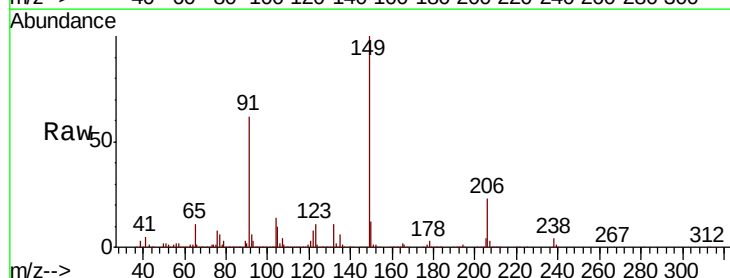
Instrument :
 BNA_F
 ClientSampleId :

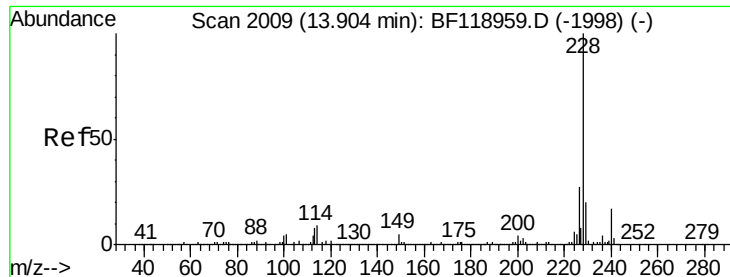
Tot Ion:244 Resp: 1592171
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 10.6 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 45.278 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:149 Resp: 485117
 Ion Ratio Lower Upper
 149 100
 91 62.4 55.4 83.2
 206 23.3 17.7 26.5





#81

Benzo(a)anthracene

Concen: 42.479 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampled :

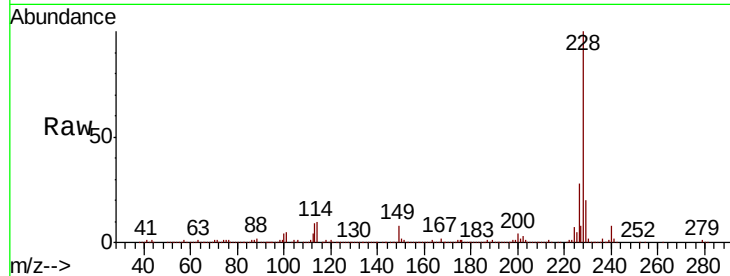
Tot Ion:228 Resp: 917606

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

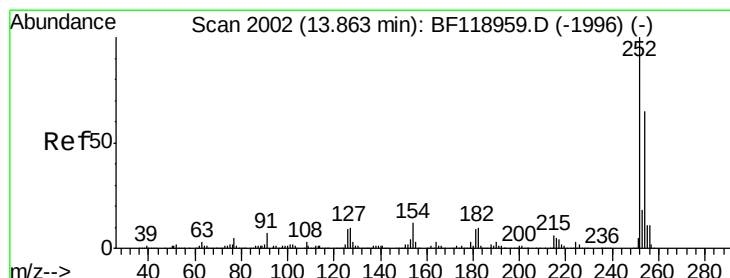
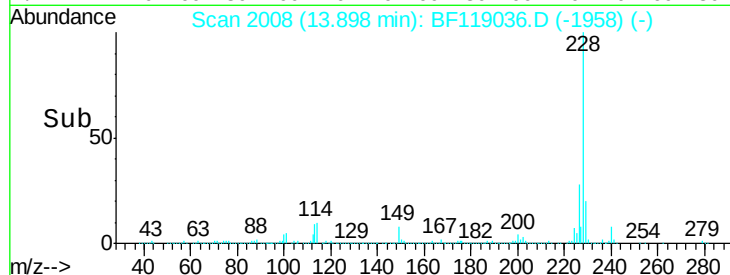
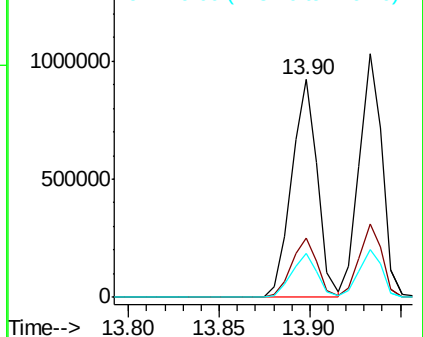
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.545 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

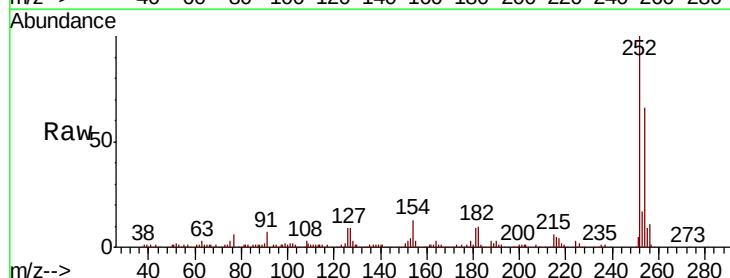
Tgt Ion:252 Resp: 189105

Ion Ratio Lower Upper

252 100

254 66.2 52.1 78.1

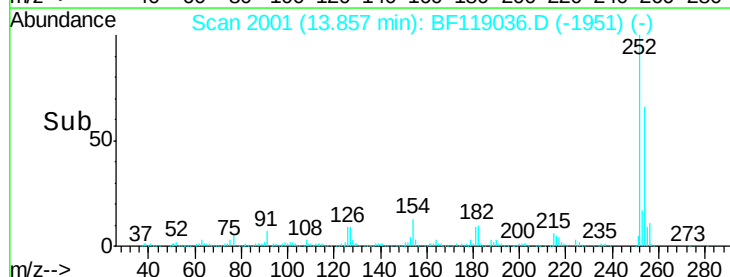
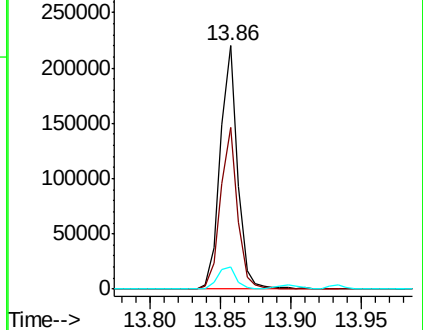
126 9.2 7.3 10.9

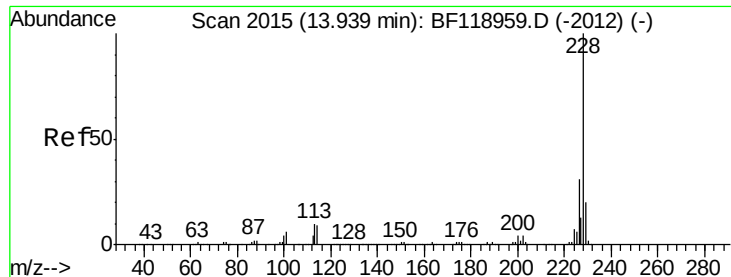


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

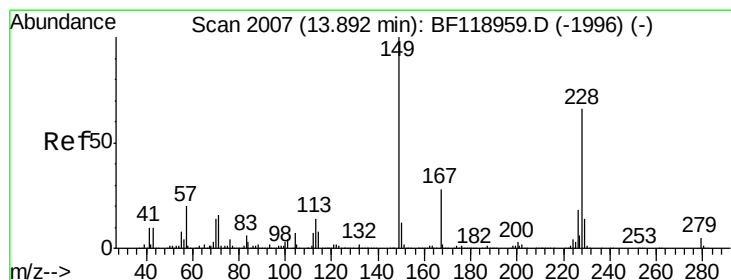
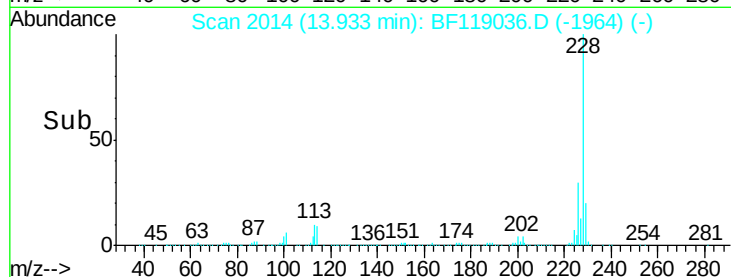
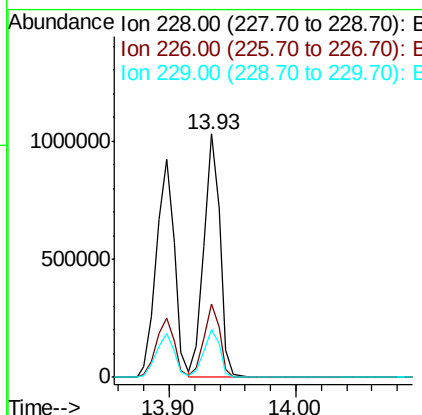
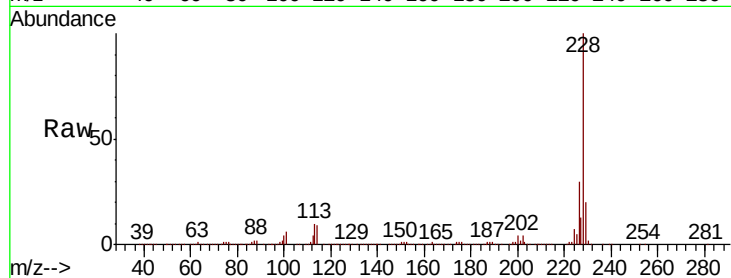




#83
 Chrvsene
 Concen: 42.219 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

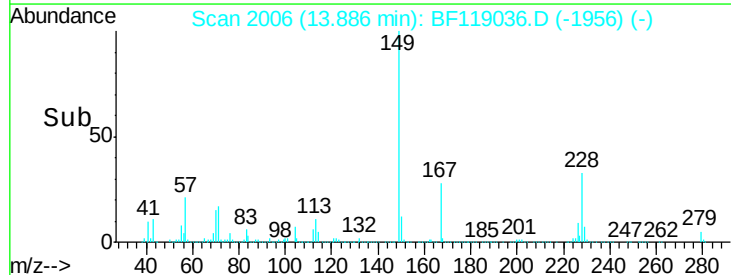
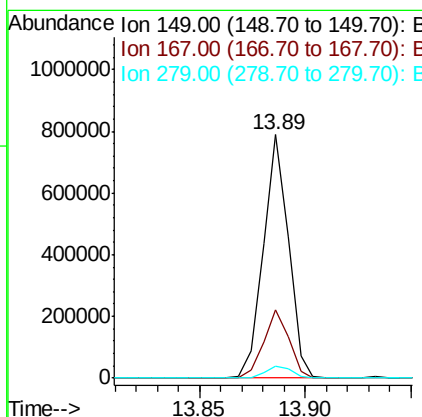
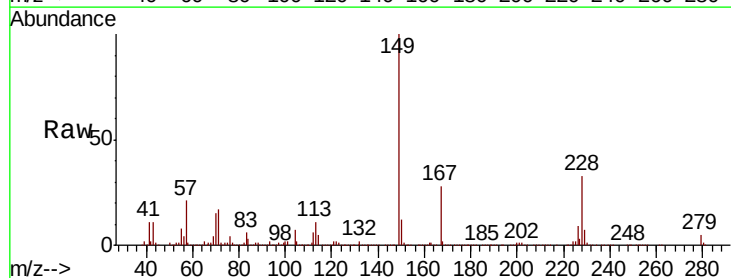
Instrument :
 BNA_F
 ClientSampled :

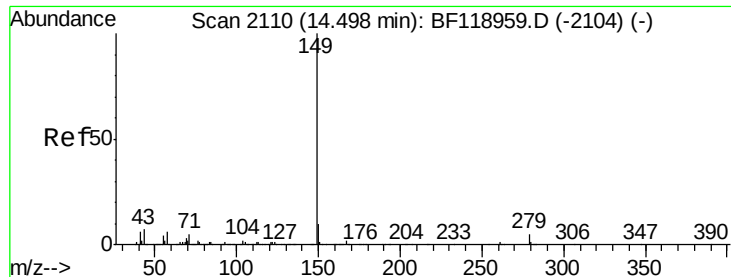
Tot Ion:228 Resp: 908707
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.6 37.0
 229 19.9 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.414 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:149 Resp: 655314
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 5.1 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 48.136 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

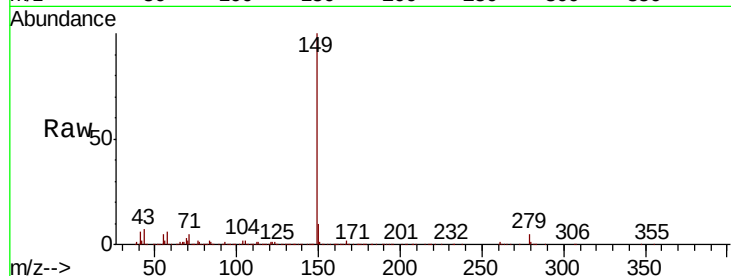
Tot Ion:149 Resp: 1038128

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

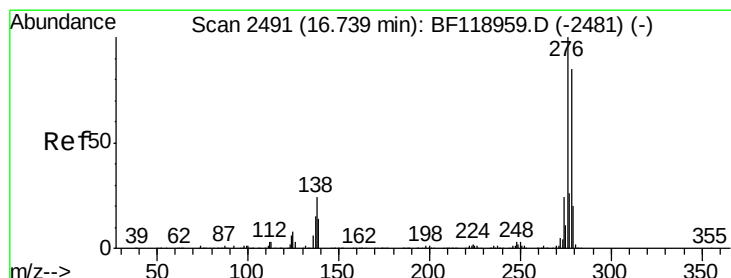
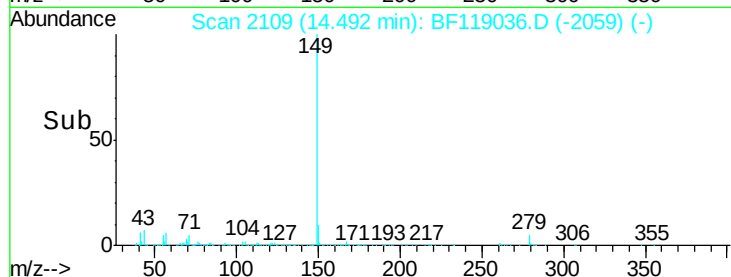
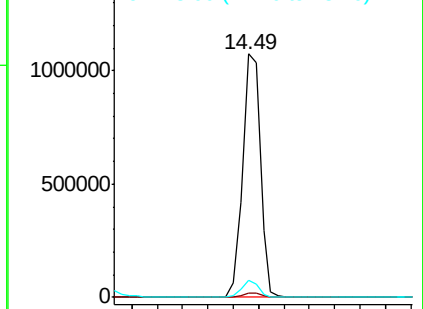
43 6.5 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.478 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

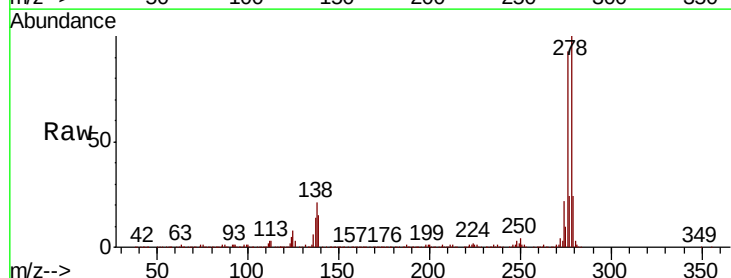
Tgt Ion:276 Resp: 1197890

Ion Ratio Lower Upper

276 100

138 21.8 18.7 28.1

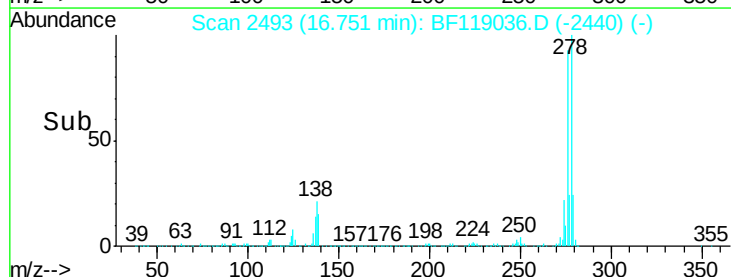
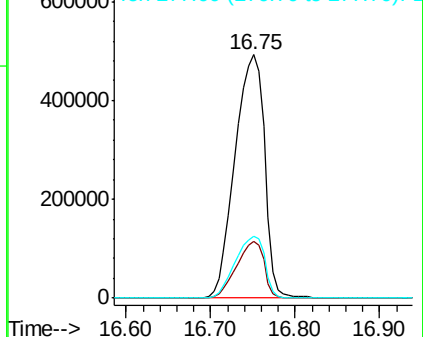
277 25.4 20.3 30.5

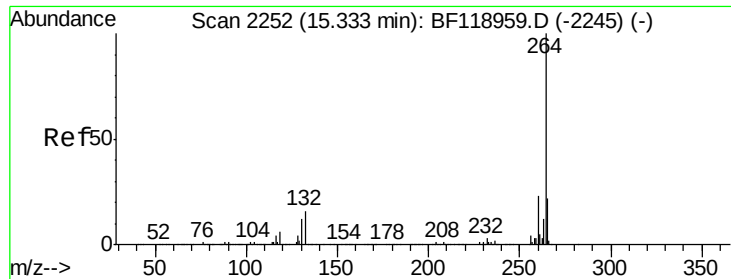


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



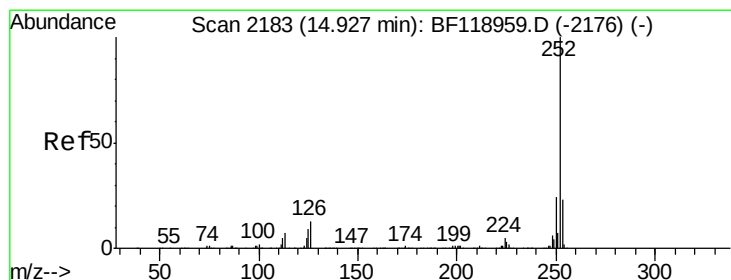
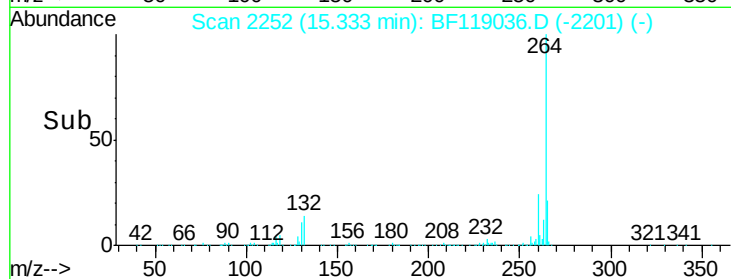
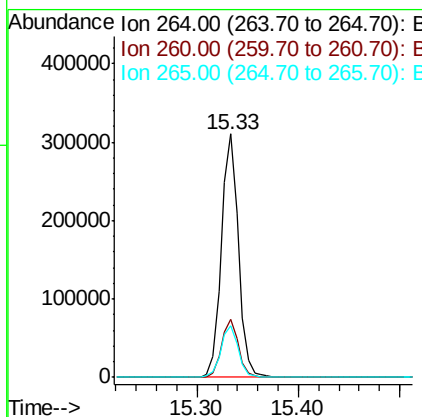
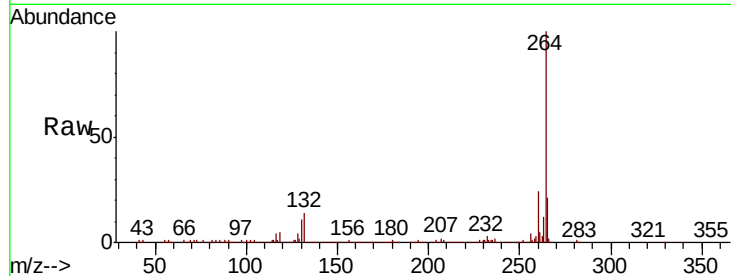


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 362680

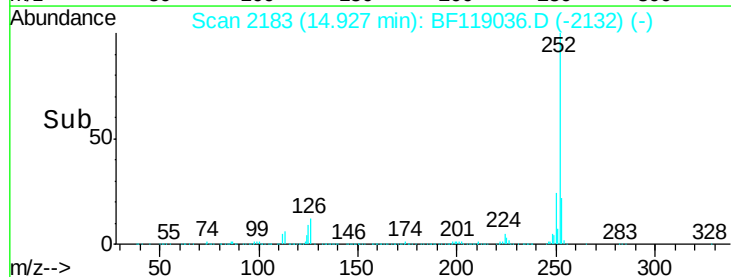
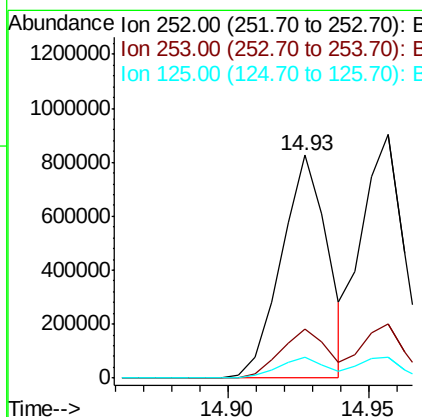
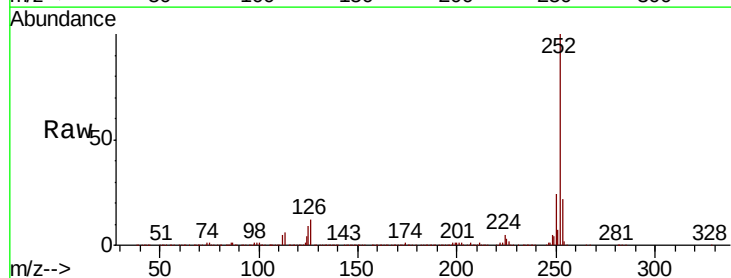
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.2	17.3	25.9

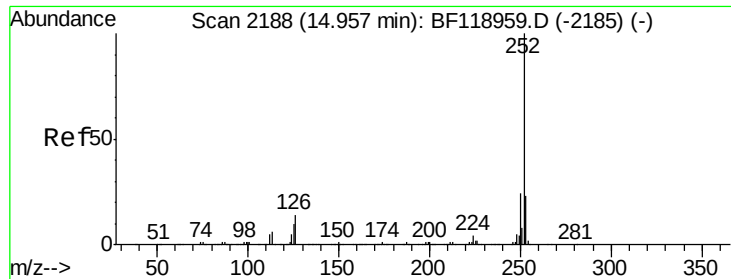


#88
Benzo(b)fluoranthene
Concen: 39.274 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:252 Resp: 938891

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.3	7.4	11.0

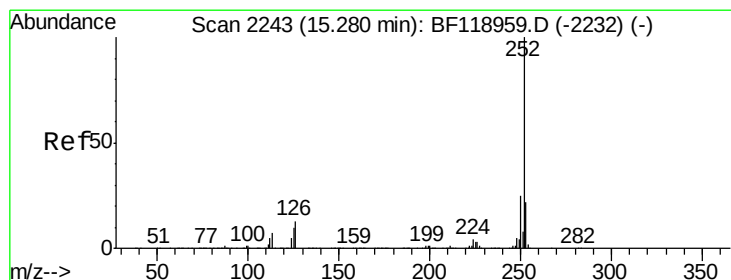
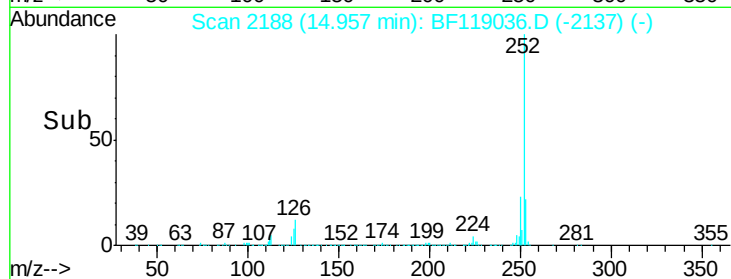
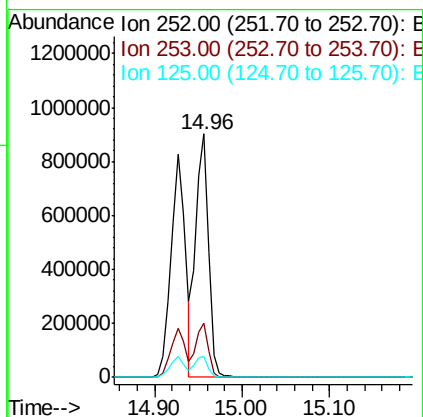
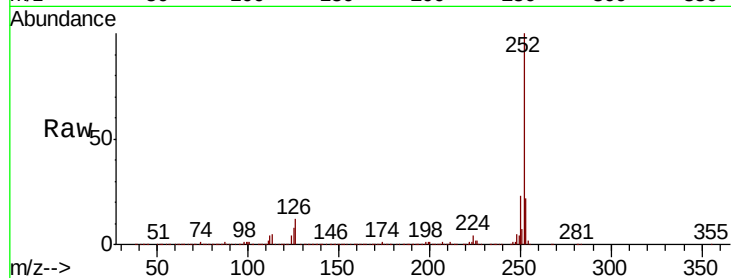




#89
Benzo(k)fluoranthene
Concen: 42.063 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

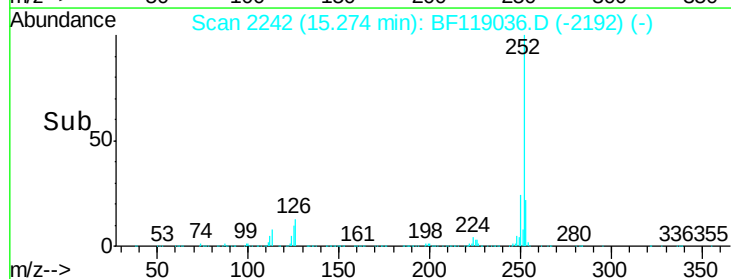
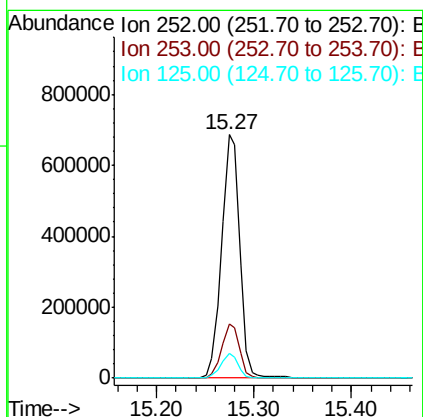
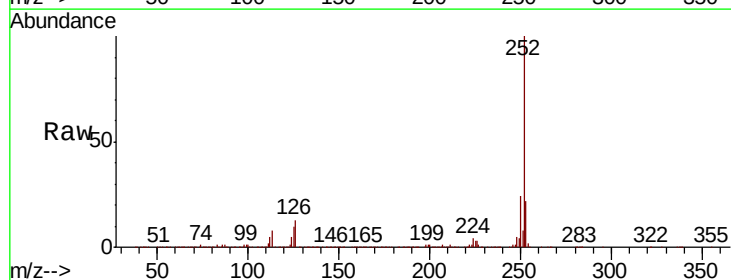
Instrument :
BNA_F
ClientSampleId :

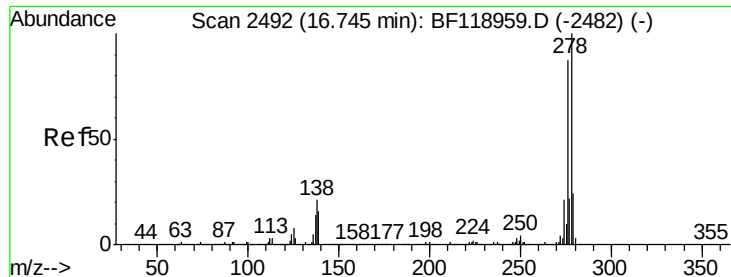
Tot Ion:252 Resp: 931876
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.5 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.810 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:252 Resp: 880505
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.2 7.8 11.6

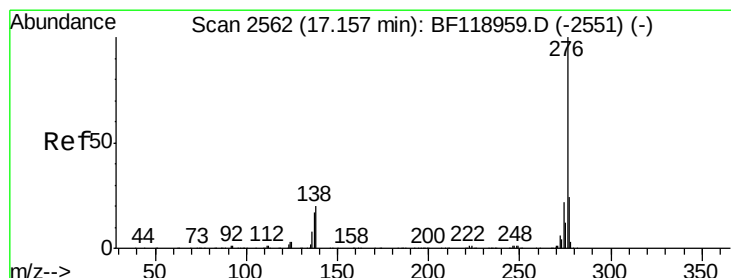
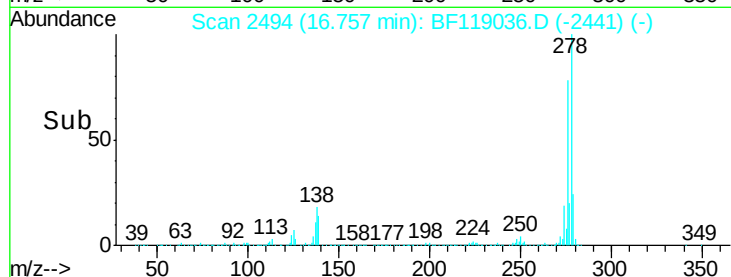
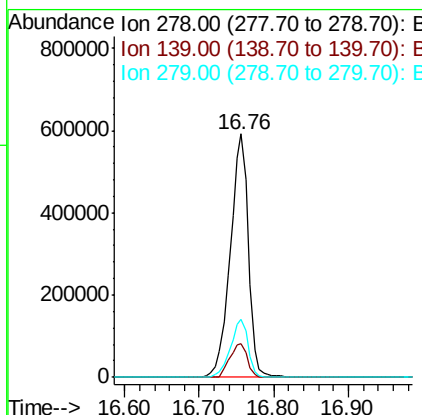
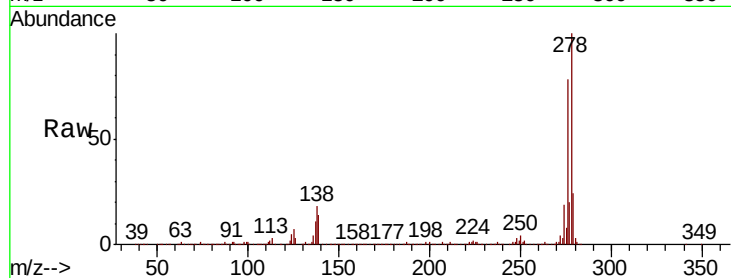




#91
Dibenzo(a,h)anthracene
Concen: 52.784 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1002048
Ion Ratio Lower Upper
278 100
139 13.7 12.6 18.8
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 55.491 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:276 Resp: 1040854
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 18.9 16.2 24.4

