

Data File : BF118519.D
Acq On : 10 Jan 2020 17:20
Operator : JU
Sample : L1060-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Quant Time: Jan 11 02:53:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86309	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	343716	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	181688	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	304824	20.00	ng	0.00
76) Chrysene-d12	14.03	240	231240	20.00	ng	0.00
87) Perylene-d12	15.52	264	167011	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	532377	101.82	ng	0.01
7) Phenol-d6	6.47	99	672248	107.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	540876	82.66	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	245406	114.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1003581	79.22	ng	0.00
79) Terphenyl-d14	12.96	244	1367915	93.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	65750	37.720	ng	99
3) Pyridine	3.40	79	162026	34.532	ng	95
4) n-Nitrosodimethylamine	3.33	42	96935	41.227	ng	98
6) Aniline	6.50	93	86084	11.076	ng	# 74
8) 2-Chlorophenol	6.62	128	236034	41.290	ng	99
9) Benzaldehyde	6.38	77	123086	35.370	ng	98
10) Phenol	6.49	94	228911	33.048	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	203621	41.233	ng	96
12) 1,3-Dichlorobenzene	6.77	146	249465	37.330	ng	99
13) 1,4-Dichlorobenzene	6.85	146	274086	40.197	ng	98
14) 1,2-Dichlorobenzene	7.00	146	247500	37.562	ng	98
15) Benzyl Alcohol	6.98	79	214395	42.282	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	223324	40.767	ng	69
17) 2-Methylphenol	7.09	107	201897	42.975	ng	97
18) Hexachloroethane	7.34	117	94761	36.678	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	171857	42.686	ng	98
20) 3+4-Methylphenols	7.25	107	260719	40.911	ng	# 79
22) Acetophenone	7.25	105	363988	41.777	ng	95
24) Nitrobenzene	7.42	77	265699	40.839	ng	96
25) Isophorone	7.66	82	448599	42.797	ng	99
26) 2-Nitrophenol	7.73	139	138056	42.977	ng	96
27) 2,4-Dimethylphenol	7.77	122	215158	49.806	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	288423	41.853	ng	99
29) 2,4-Dichlorophenol	7.99	162	204829	40.609	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	233744	39.899	ng	99
31) Naphthalene	8.14	128	811369	45.128	ng	99
32) Benzoic acid	7.77	122	215158	69.037	ng	# 14
33) 4-Chloroaniline	8.20	127	37742	5.099	ng	97
34) Hexachlorobutadiene	8.25	225	142410	39.602	ng	99
35) Caprolactam	8.57	113	31309	20.606	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	206191	38.024	ng	97
37) 2-Methylnaphthalene	8.83	142	468432	37.962	ng	98
38) 1-Methylnaphthalene	8.93	142	442299	38.177	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	204467	36.627	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	106250	71.438	ng	93
43) 2,4,6-Trichlorophenol	9.12	196	134192	38.901	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	143272	40.135	ng	99
46) 1,1'-Biphenyl	9.30	154	616416	41.523	ng	99
47) 2-Chloronaphthalene	9.33	162	481939	41.017	ng	98
48) 2-Nitroaniline	9.43	65	147314	43.387	ng	96
49) Acenaphthylene	9.75	152	824478	47.140	ng	99
50) Dimethylphthalate	9.60	163	613465	43.993	ng	99
51) 2,6-Dinitrotoluene	9.67	165	139597	46.486	ng	# 83
52) Acenaphthene	9.92	154	487776	45.670	ng	100
53) 3-Nitroaniline	9.85	138	41109	11.686	ng	94
54) 2,4-Dinitrophenol	9.97	184	27770	24.776	ng	93
55) Dibenzofuran	10.09	168	662328	41.288	ng	99
56) 4-Nitrophenol	10.02	139	145010	84.901	ng	95
57) 2,4-Dinitrotoluene	10.08	165	175874	43.740	ng	97
58) Fluorene	10.43	166	588760	45.661	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	120728	39.992	ng	98
60) Diethylphthalate	10.30	149	590434	41.593	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	280204	43.492	ng	94
62) 4-Nitroaniline	10.47	138	121871	35.383	ng	97
63) Azobenzene	10.58	77	446378	37.003	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	45401	28.175	ng	86
66) n-Nitrosodiphenylamine	10.55	169	407551	41.056	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	148888	41.701	ng	93
68) Hexachlorobenzene	10.99	284	172499	40.458	ng	94
69) Atrazine	11.07	200	150268	50.944	ng	99
70) Pentachlorophenol	11.19	266	122718	87.475	ng	99
71) Phenanthrene	11.40	178	781934	45.792	ng	99
72) Anthracene	11.45	178	832561	49.009	ng	99
73) Carbazole	11.61	167	768365	52.214	ng	99
74) Di-n-butylphthalate	11.93	149	955485	48.669	ng	99
75) Fluoranthene	12.60	202	793760	45.734	ng	96
77) Benzidine	12.72	184	234402	42.955	ng	97
78) Pyrene	12.83	202	827013	43.469	ng	100
80) Butylbenzylphthalate	13.43	149	378070	43.391	ng	99
81) Benzo(a)anthracene	14.02	228	725145	44.802	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	57162	10.860	ng	96
83) Chrysene	14.06	228	669123	42.543	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	525294	44.402	ng	100
85) Di-n-octyl phthalate	14.61	149	893749	52.670	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	647125	51.105	ng	100
88) Benzo(b)fluoranthene	15.09	252	579492	47.992	ng	99
89) Benzo(k)fluoranthene	15.12	252	567781	49.263	ng	99
90) Benzo(a)pyrene	15.46	252	424401	42.890	ng	97
91) Dibenzo(a,h)anthracene	17.03	278	554146	59.724	ng	99
92) Benzo(g,h,i)perylene	17.48	276	432508	49.197	ng	97

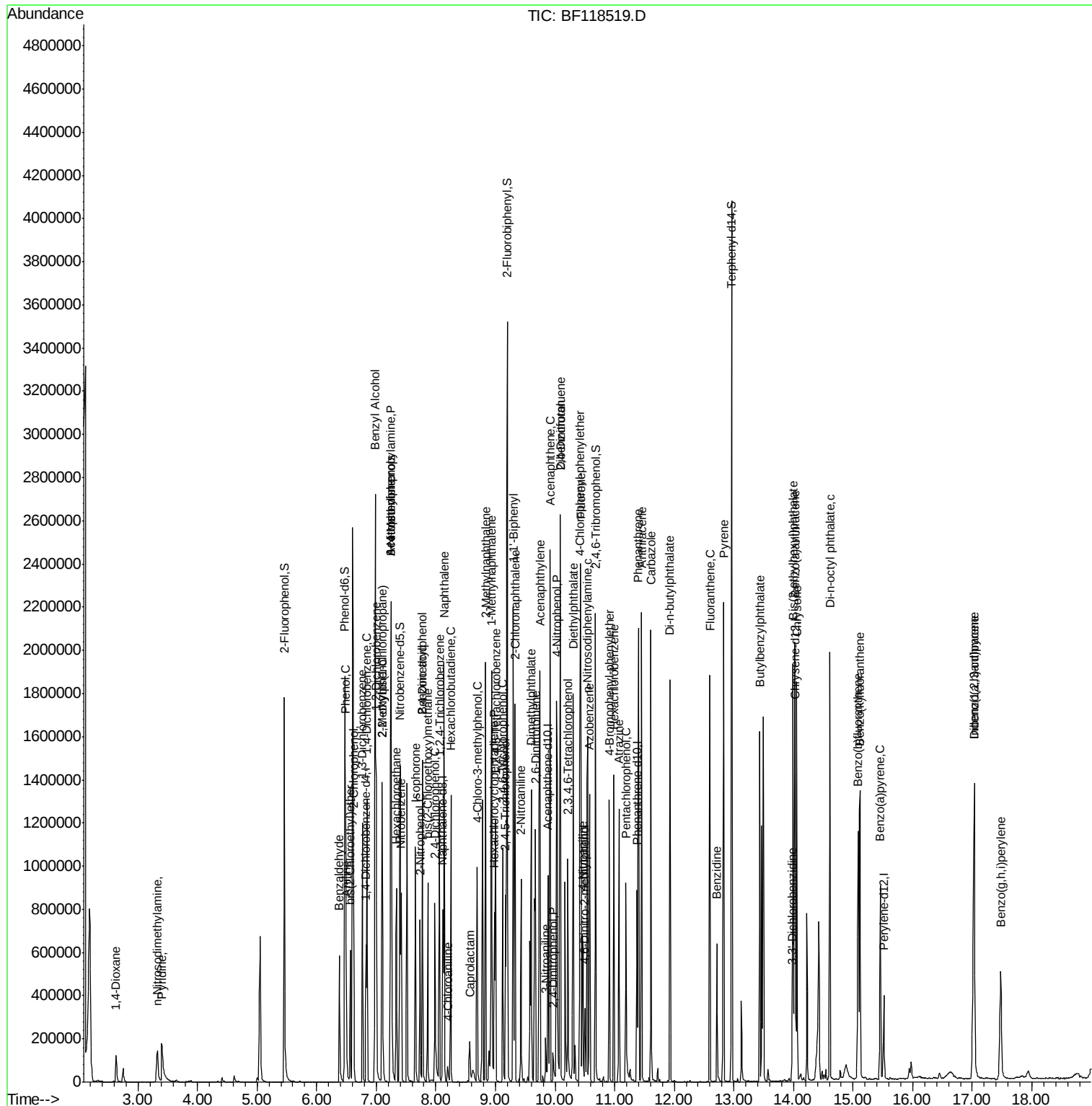
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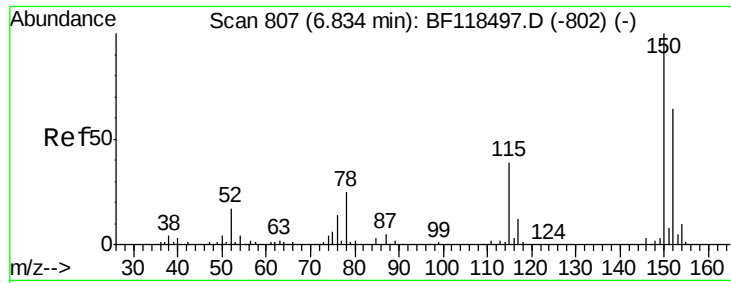
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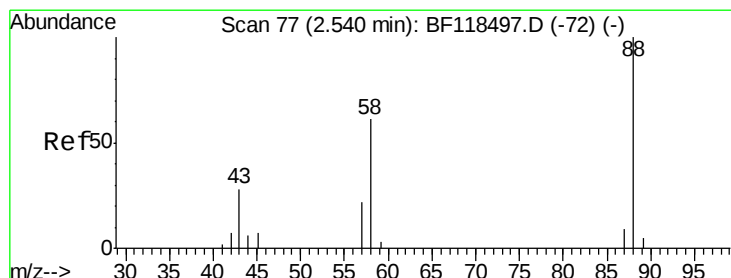
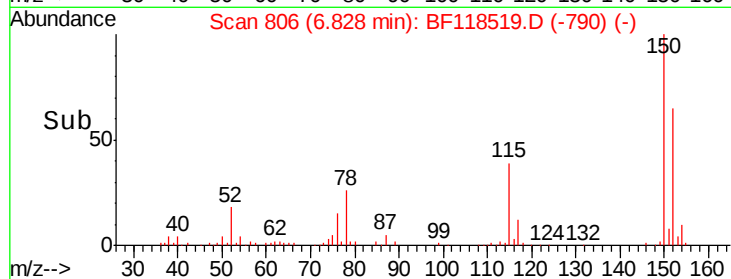
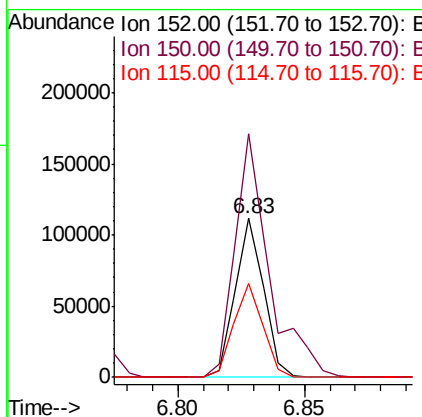
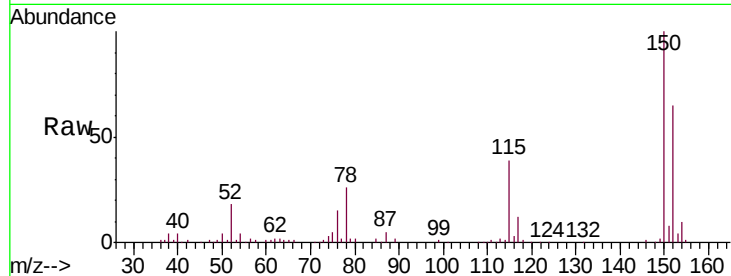




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

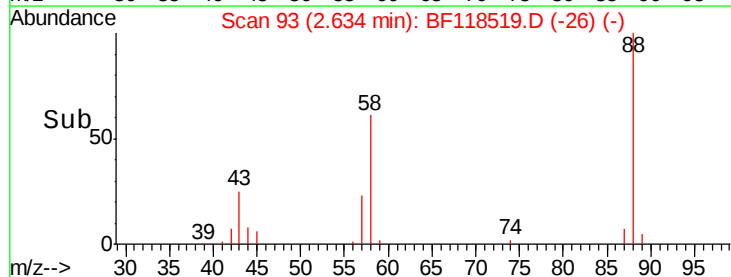
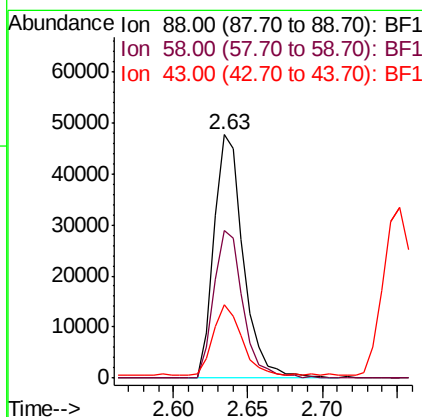
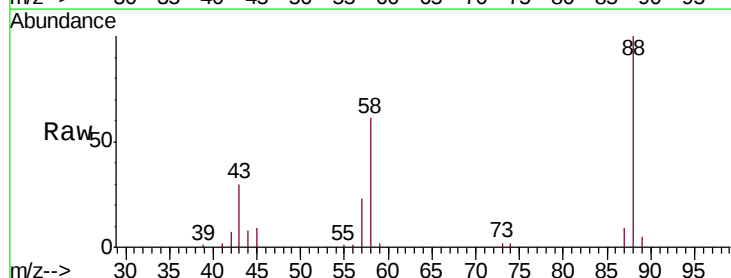
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

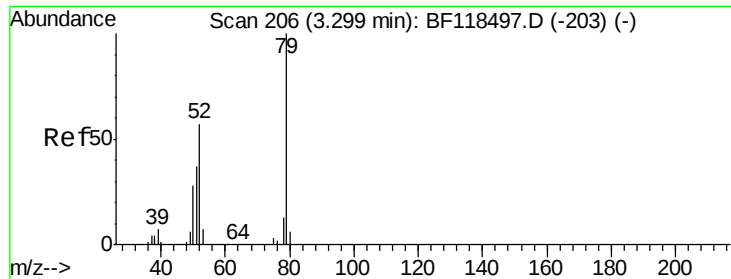
Tgt Ion:152 Resp: 86309
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.7 187.1
 115 59.5 49.0 73.6



#2
 1,4-Dioxane
 Concen: 37.720 ng
 RT: 2.63 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion: 88 Resp: 65750
 Ion Ratio Lower Upper
 88 100
 58 60.2 48.3 72.5
 43 28.1 23.4 35.0





#3

Pyridine

Concen: 34.532 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.10 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

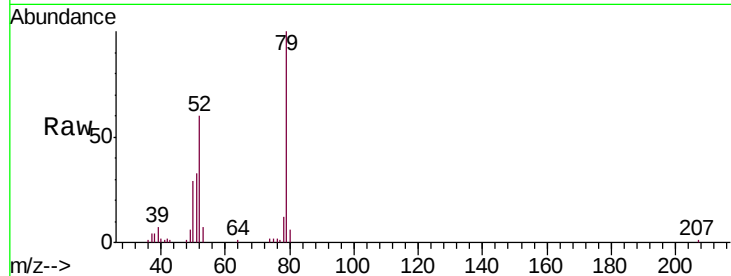
Tgt Ion: 79 Resp: 162026

Ion Ratio Lower Upper

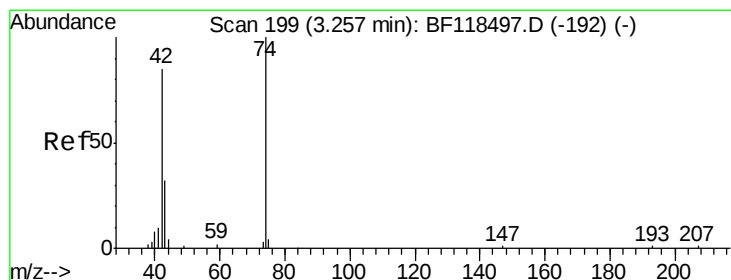
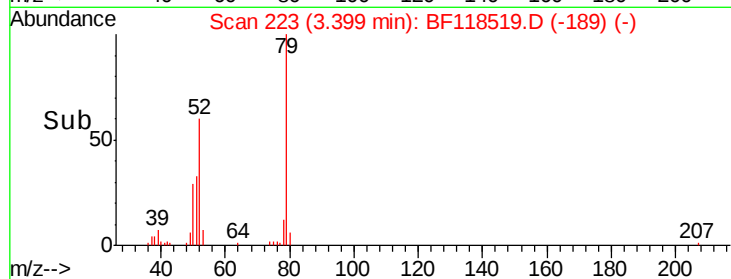
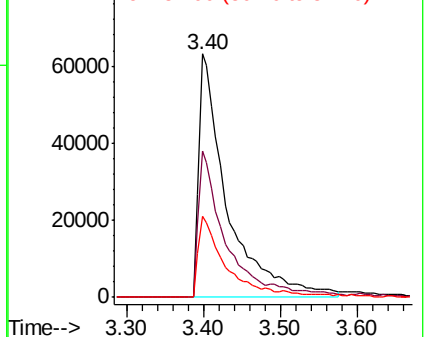
79 100

52 60.0 45.9 68.9

51 33.2 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.227 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.07 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

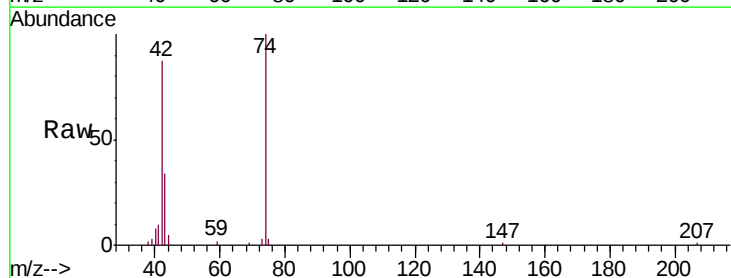
Tgt Ion: 42 Resp: 96935

Ion Ratio Lower Upper

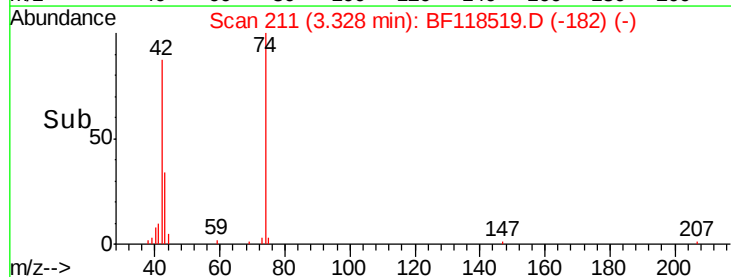
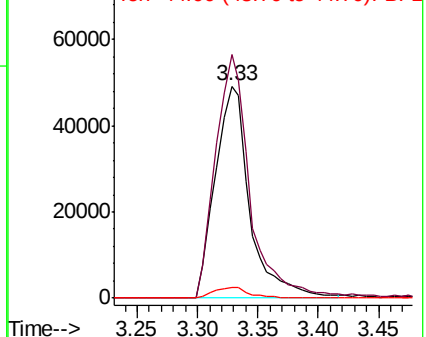
42 100

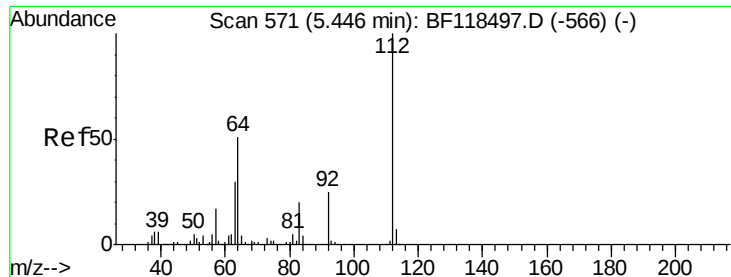
74 114.8 94.1 141.1

44 5.3 4.1 6.1



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.823 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF118519.D

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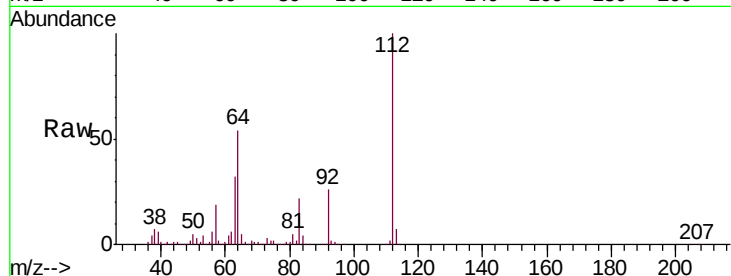
Tgt Ion:112 Resp: 532377

Ion Ratio Lower Upper

112 100

64 54.2 41.1 61.7

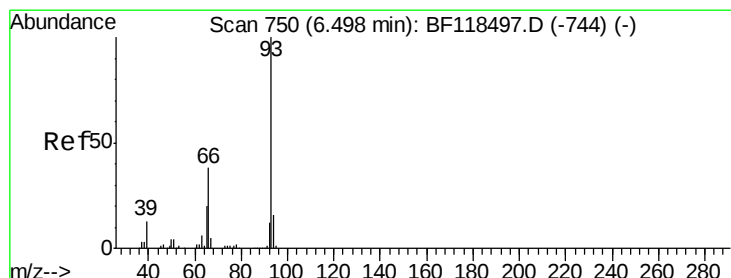
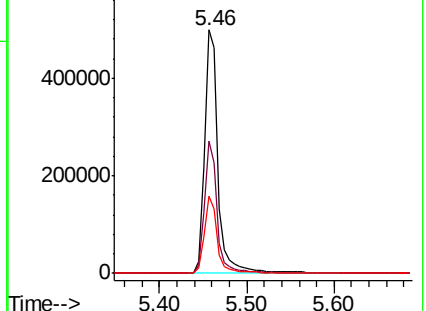
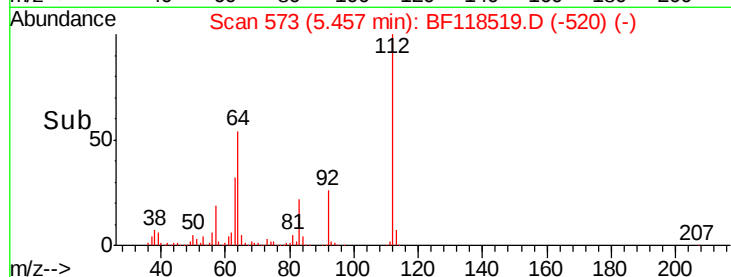
63 31.7 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.076 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

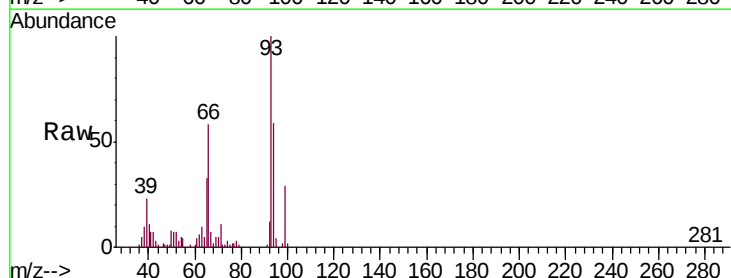
Tgt Ion: 93 Resp: 86084

Ion Ratio Lower Upper

93 100

66 58.0 33.4 50.0#

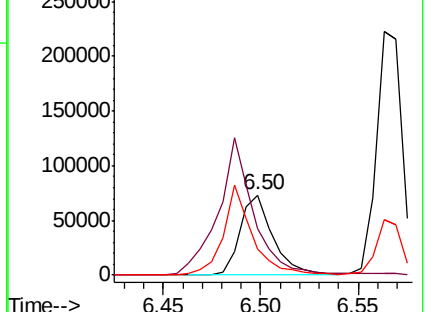
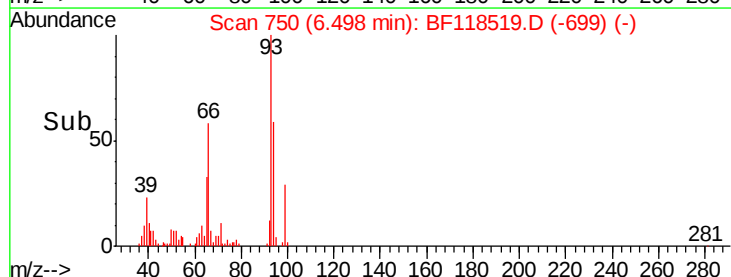
65 33.3 16.7 25.1#

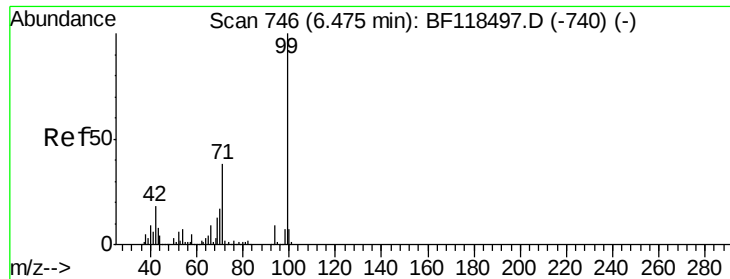


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.543 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

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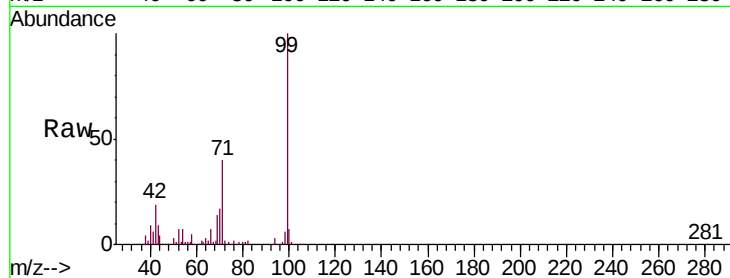
Tgt Ion: 99 Resp: 672248

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

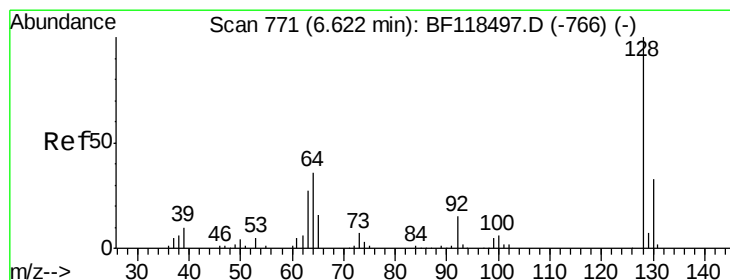
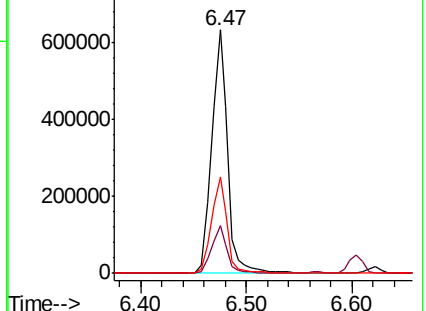
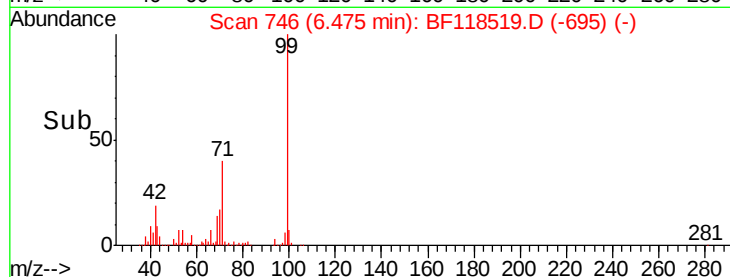
71 39.8 30.6 45.8



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: 41.290 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

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Acq: 10 Jan 2020 17:20

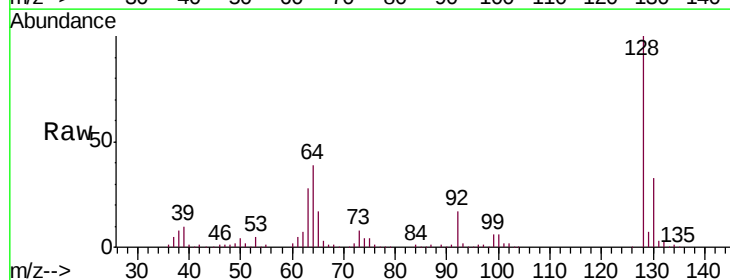
Tgt Ion: 128 Resp: 236034

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

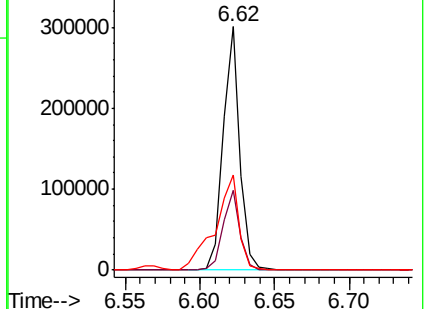
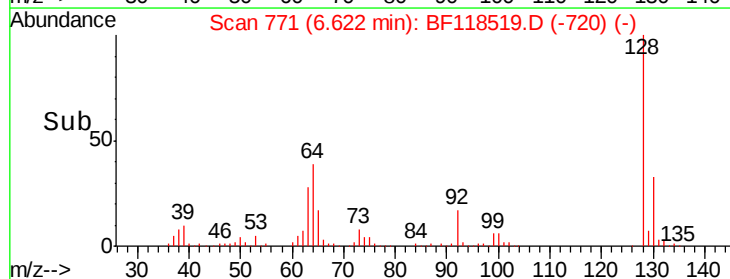
64 39.1 17.8 57.8

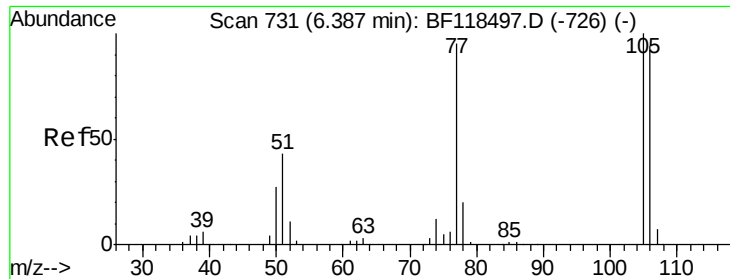


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.370 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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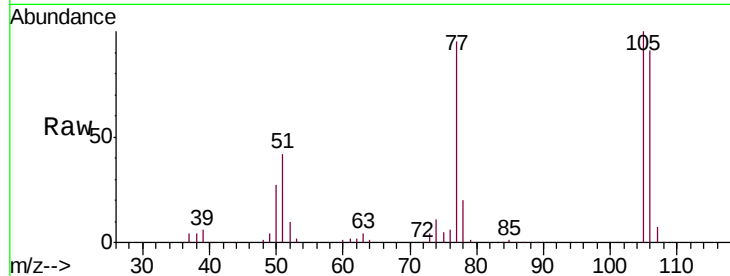
Tgt Ion: 77 Resp: 123086

Ion Ratio Lower Upper

77 100

105 105.5 85.4 125.4

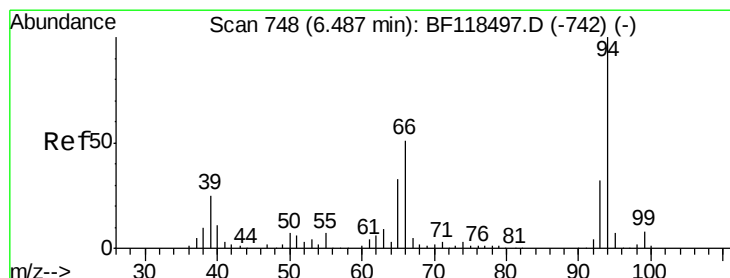
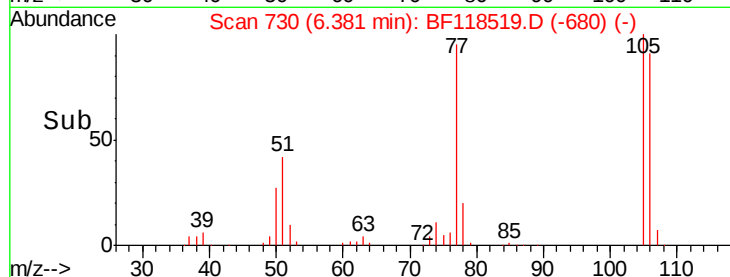
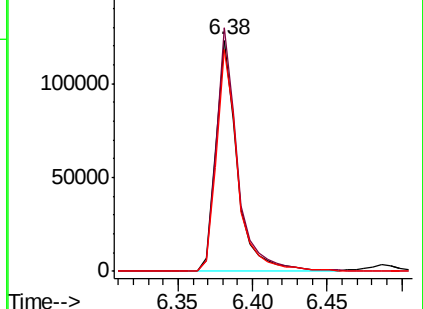
106 96.3 79.5 119.5



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: 33.048 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

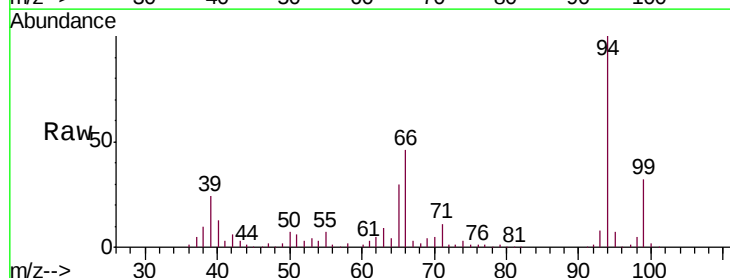
Tgt Ion: 94 Resp: 228911

Ion Ratio Lower Upper

94 100

65 30.3 13.3 53.3

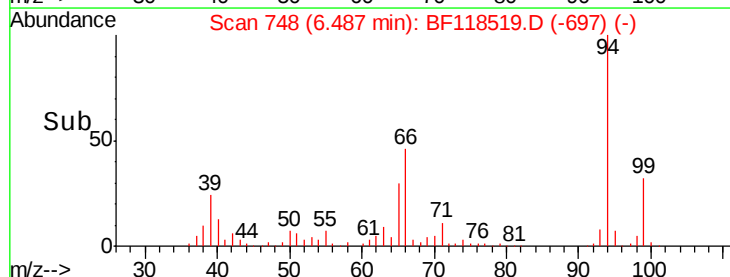
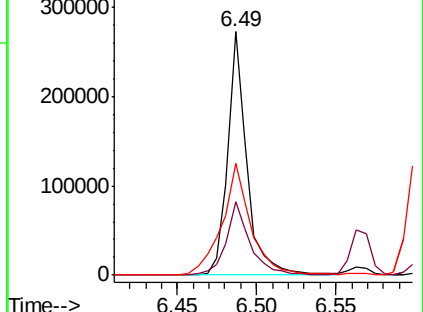
66 46.0 30.9 70.9

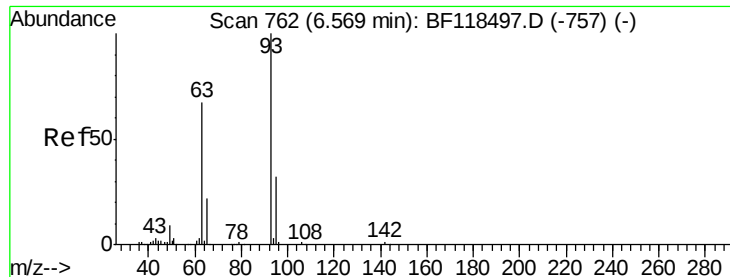


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

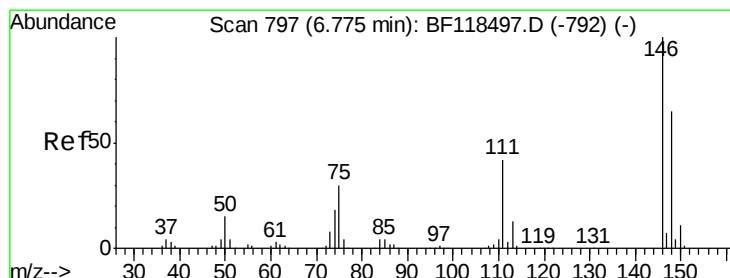
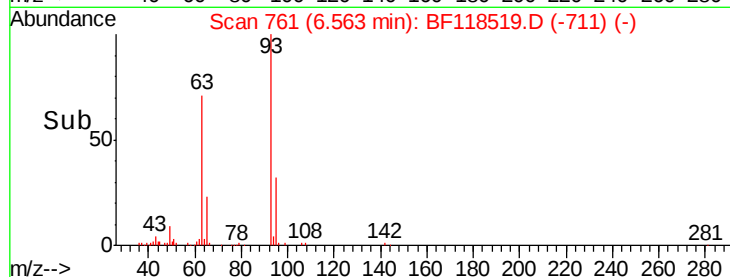
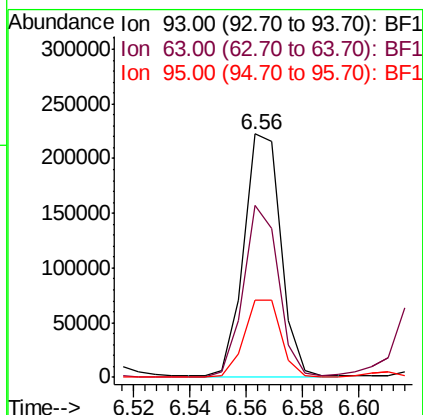
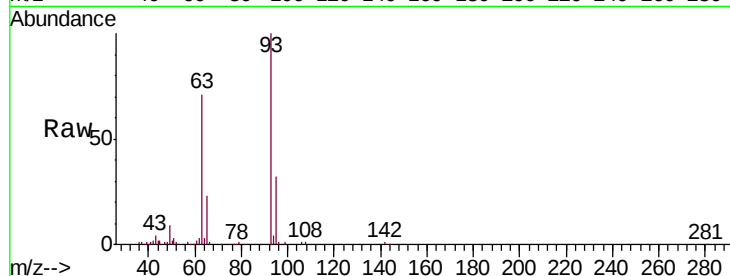




#11
bis(2-Chloroethyl)ether
Concen: 41.233 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

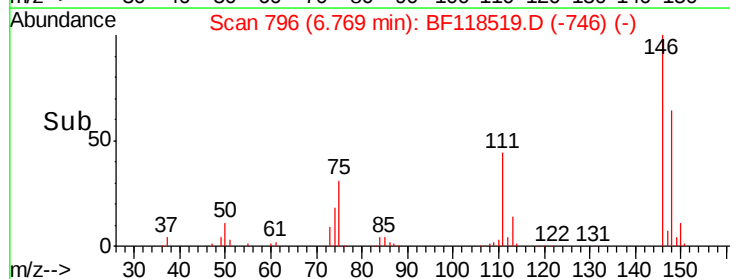
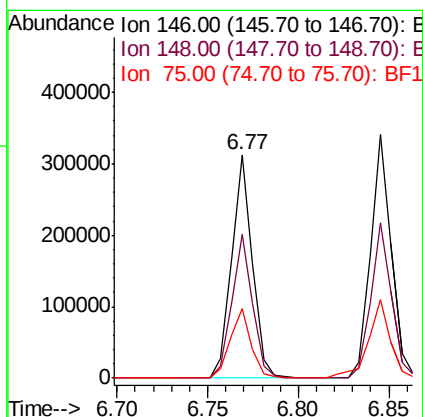
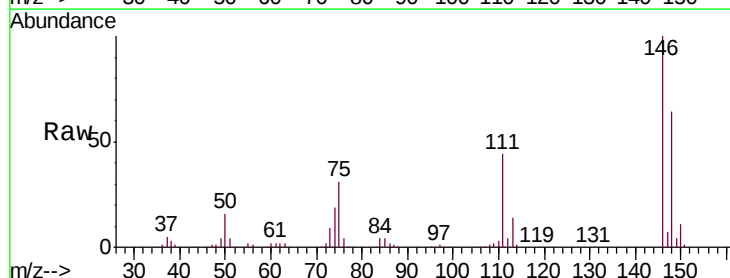
Instrument :
BNA_F
ClientSampleId :
TP-1MS

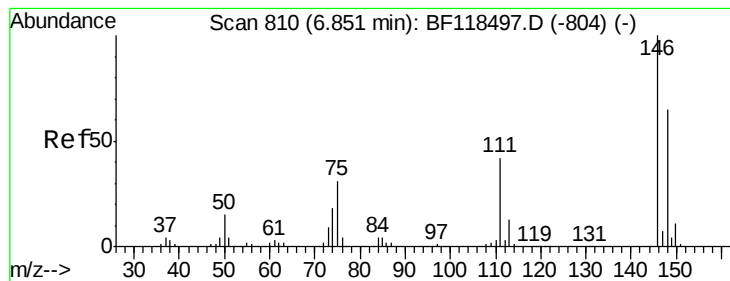
Tgt Ion:	93	Resp:	203621
Ion	Ratio	Lower	Upper
93	100		
63	70.8	46.6	86.6
95	31.5	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 37.330 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:	146	Resp:	249465
Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.4	78.6
75	31.1	24.1	36.1

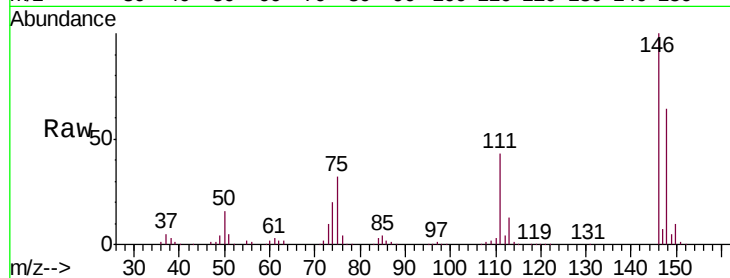




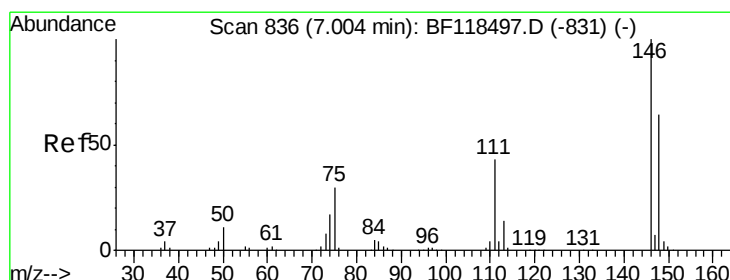
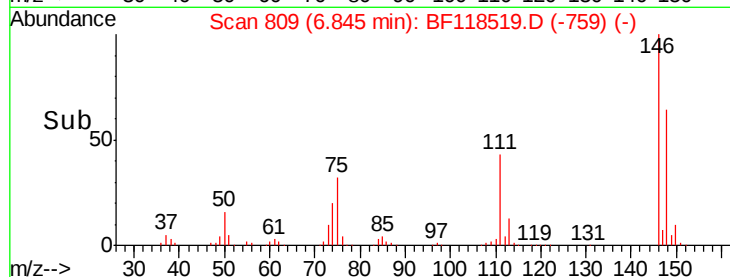
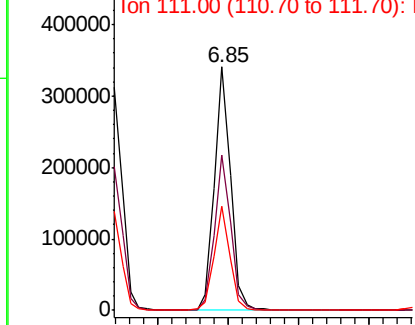
#13
 1,4-Dichlorobenzene
 Concen: 40.197 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion:146 Resp: 274086
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 42.7 33.2 49.8

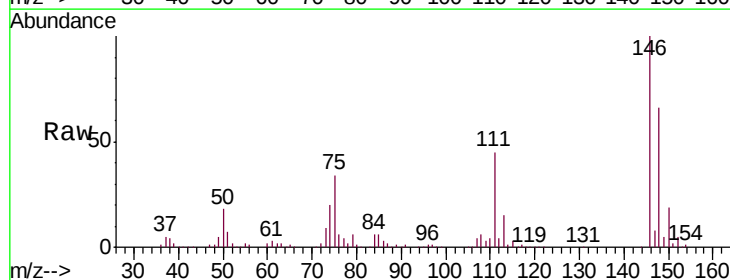


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

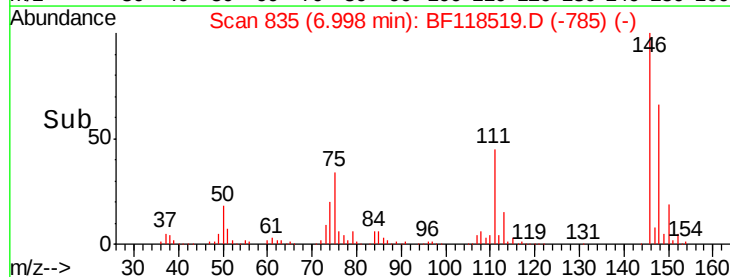
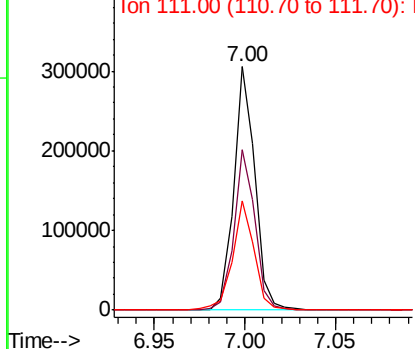


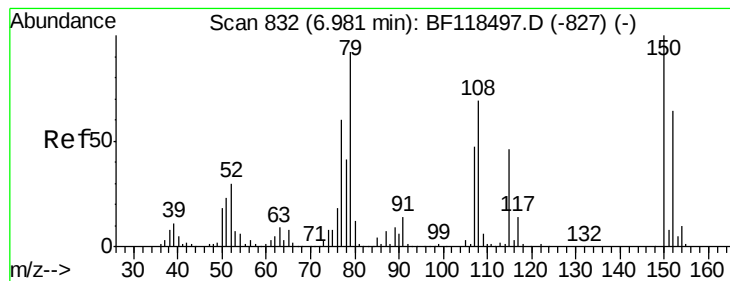
#14
 1,2-Dichlorobenzene
 Concen: 37.562 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion:146 Resp: 247500
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.3 76.9
 111 45.0 34.7 52.1



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: 42.282 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

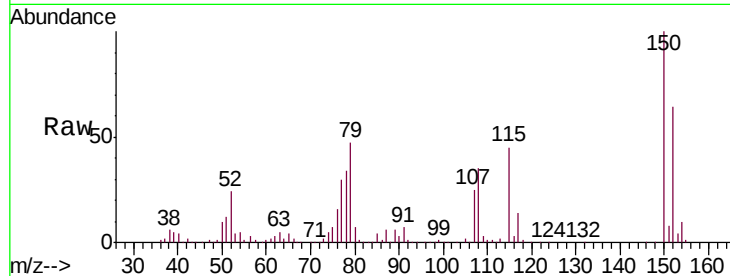
Tgt Ion: 79 Resp: 214395

Ion Ratio Lower Upper

79 100

108 74.3 60.2 90.2

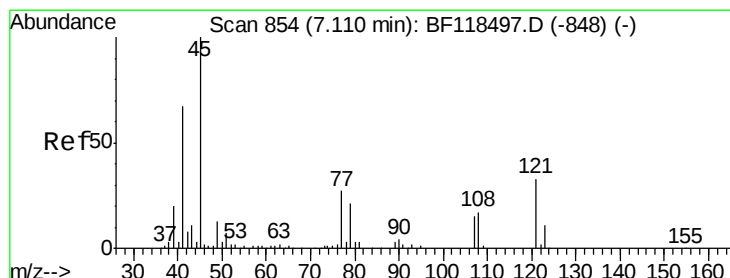
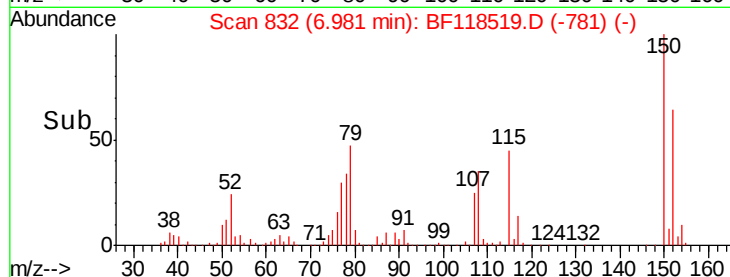
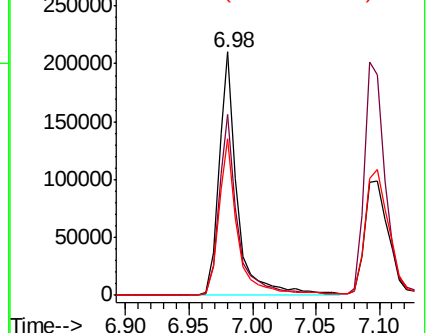
77 64.4 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.767 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

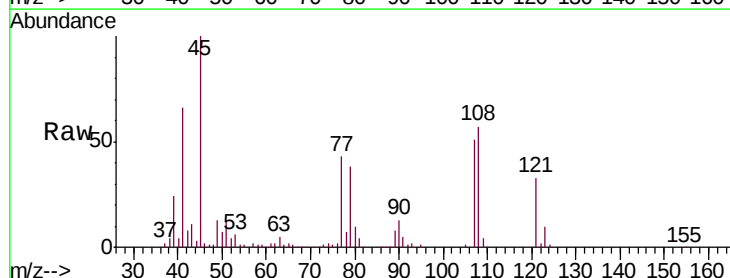
Tgt Ion: 45 Resp: 223324

Ion Ratio Lower Upper

45 100

77 43.0 7.6 47.6

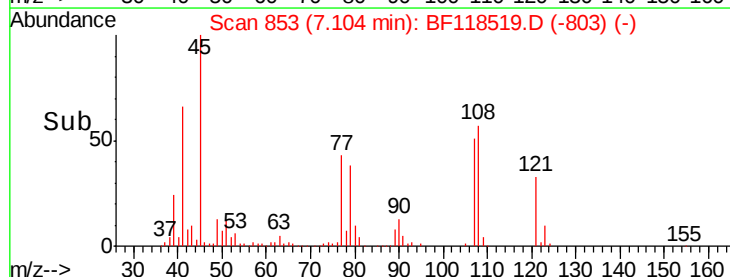
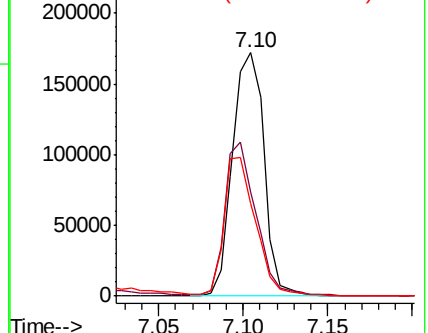
79 38.2 2.0 42.0

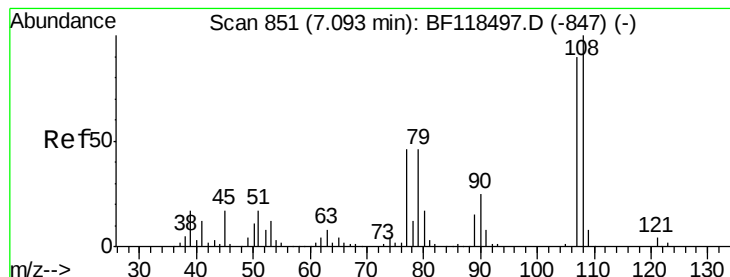


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.975 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:107 Resp: 201897

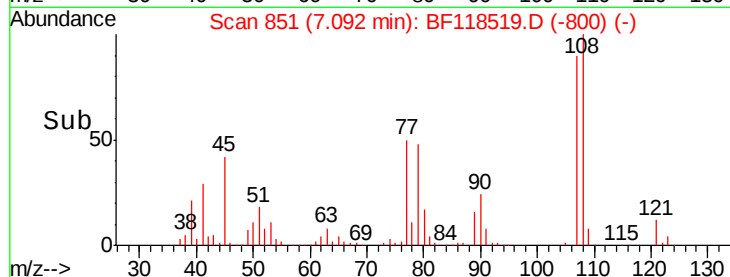
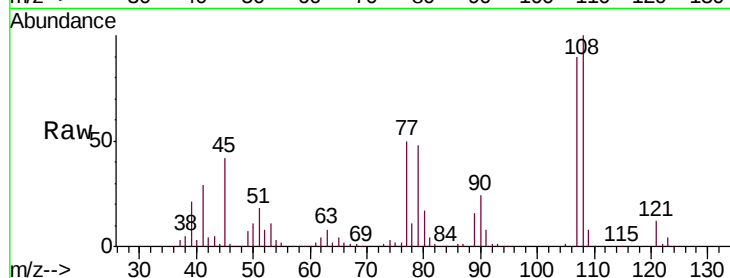
Ion Ratio Lower Upper

107 100

108 111.7 88.9 133.3

77 56.1 41.2 61.8

79 54.0 41.6 62.4

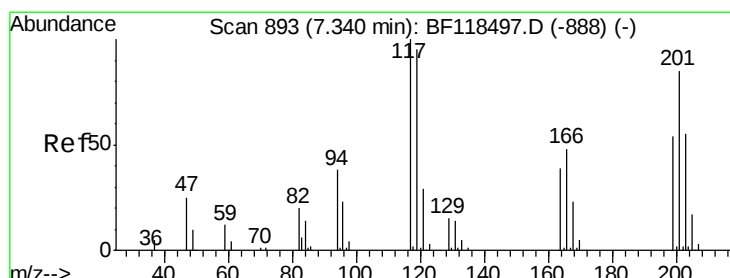
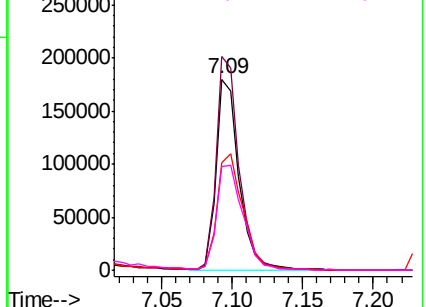


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.678 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

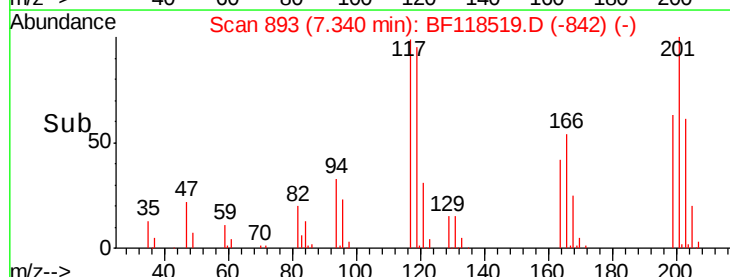
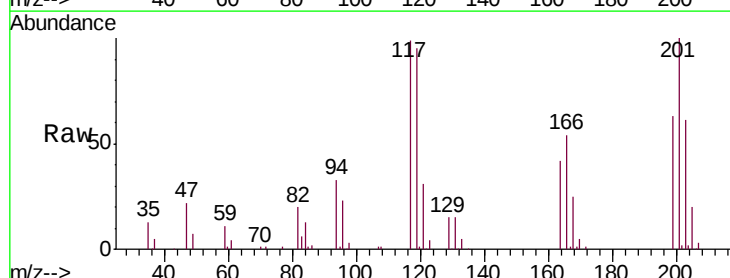
Tgt Ion:117 Resp: 94761

Ion Ratio Lower Upper

117 100

119 96.2 76.2 114.4

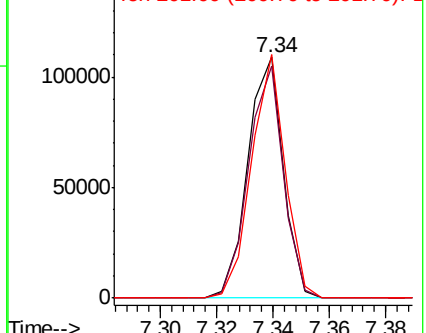
201 101.2 67.7 101.5

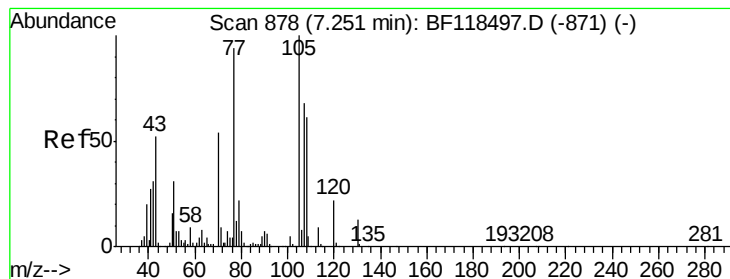


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.686 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 70 Resp: 171857

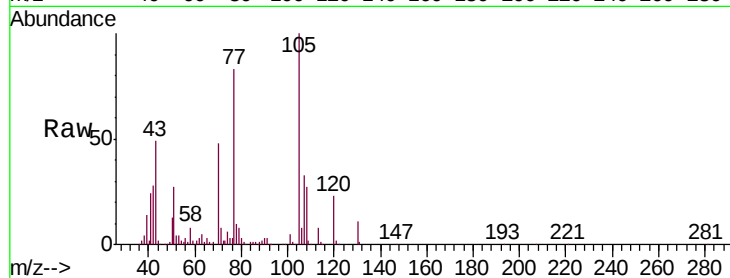
Ion Ratio Lower Upper

70 100

42 58.3 45.6 68.4

101 9.9 8.2 12.2

130 23.1 19.2 28.8

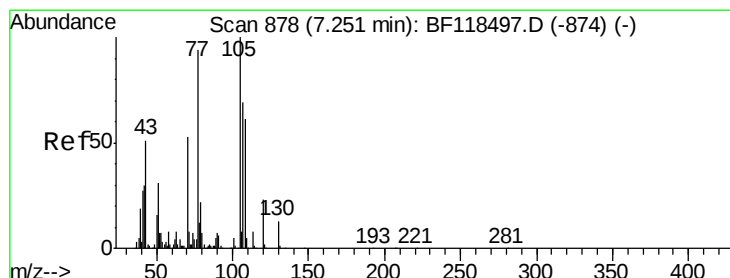
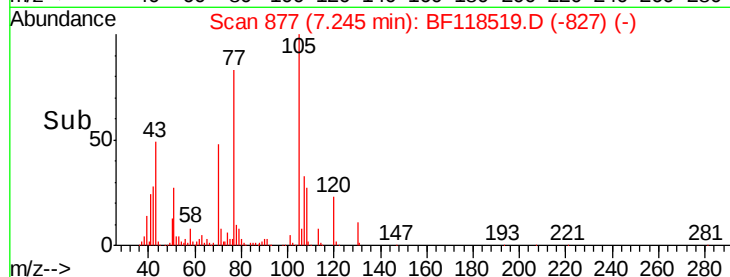
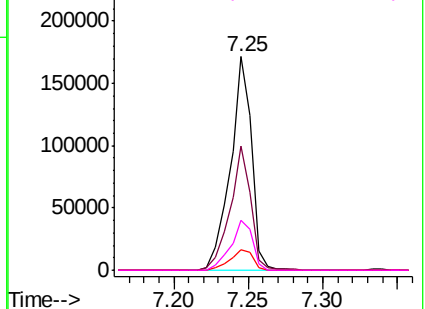


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.911 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Tgt Ion: 107 Resp: 260719

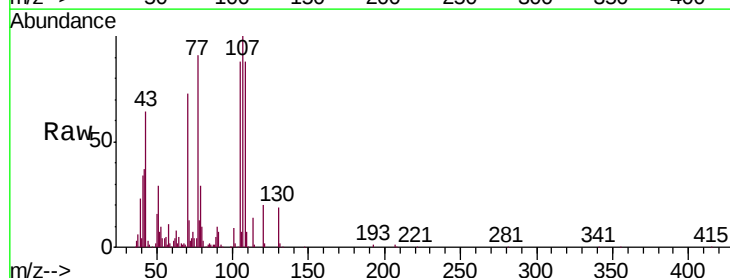
Ion Ratio Lower Upper

107 100

108 88.1 68.9 108.9

77 91.5 116.8 156.8#

79 29.1 11.7 51.7

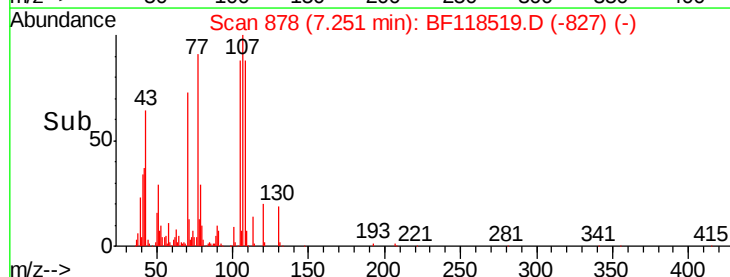
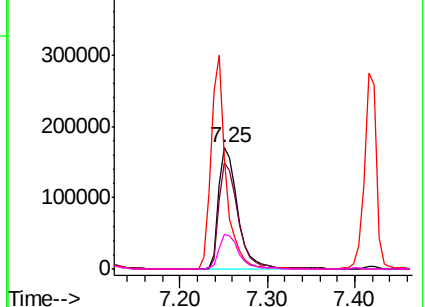


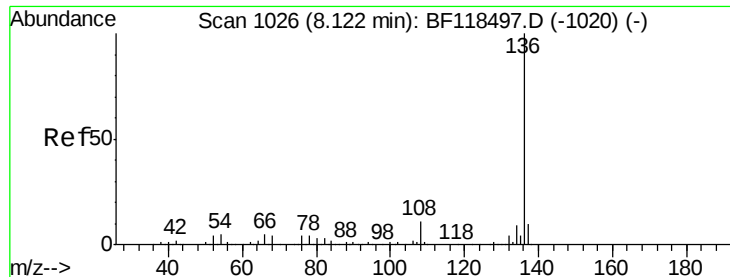
Abundance Ion 107.00 (106.70 to 107.70): E

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

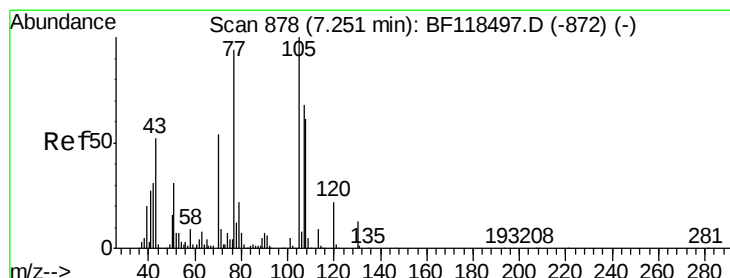
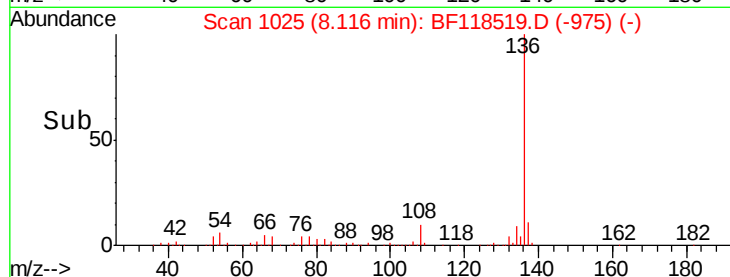
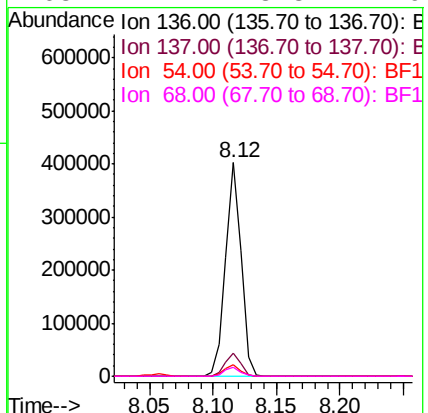
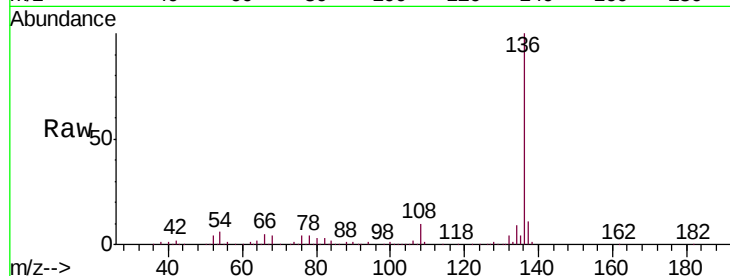




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

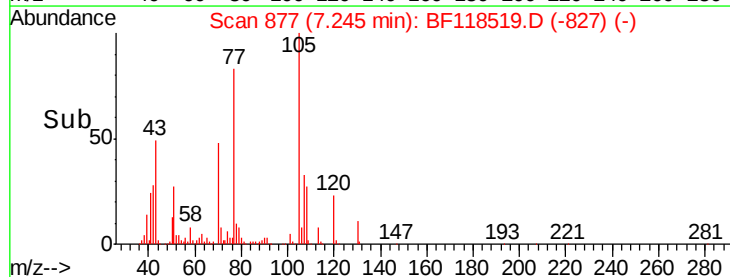
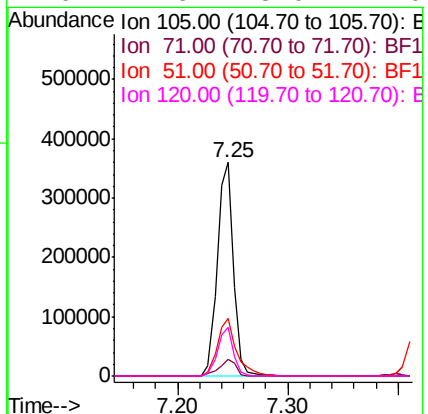
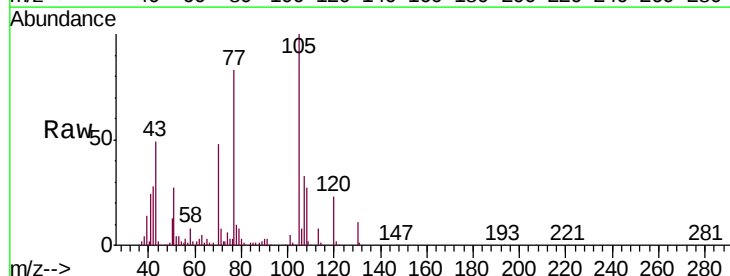
Instrument :
BNA_F
ClientSampleId :
TP-1MS

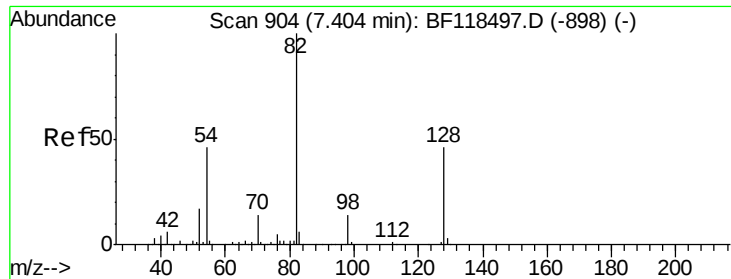
Tgt Ion:	136	Resp:	343716
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.3	12.5
54	5.7	4.2	6.2
68	4.1	3.3	4.9



#22
Acetophenone
Concen: 41.777 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:	105	Resp:	363988
Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.9	10.3
51	26.7	25.0	37.4
120	22.6	18.0	27.0

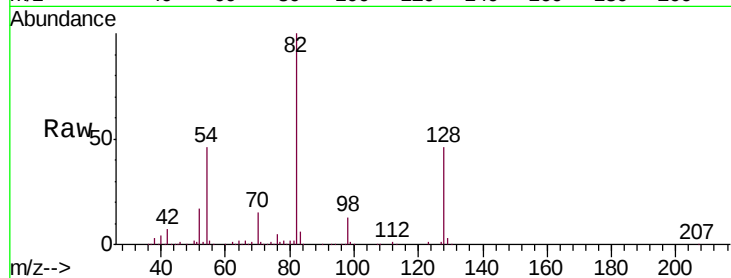




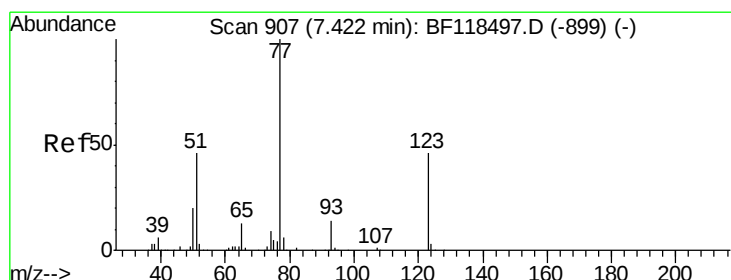
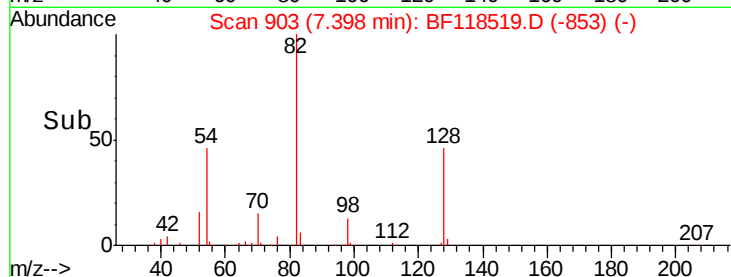
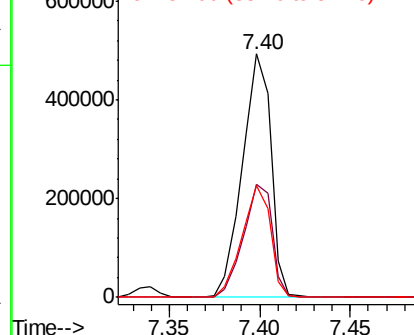
#23
 Nitrobenzene-d5
 Concen: 82.664 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion: 82 Resp: 540876
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.6 54.8
 54 46.0 37.0 55.6

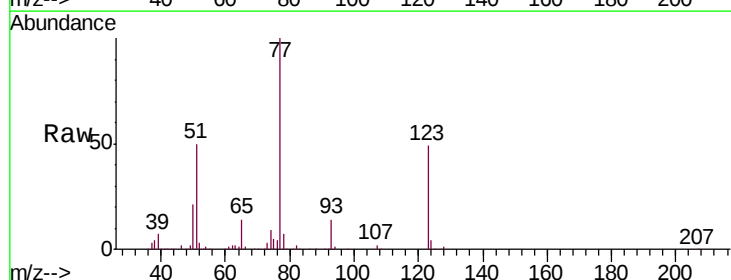


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

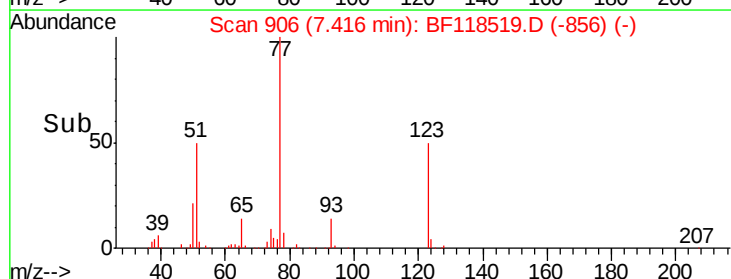
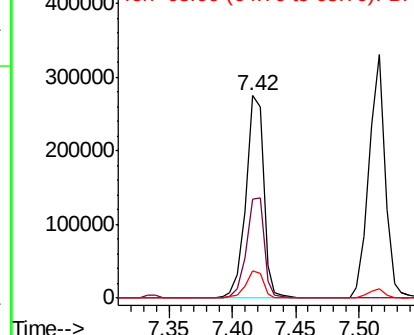


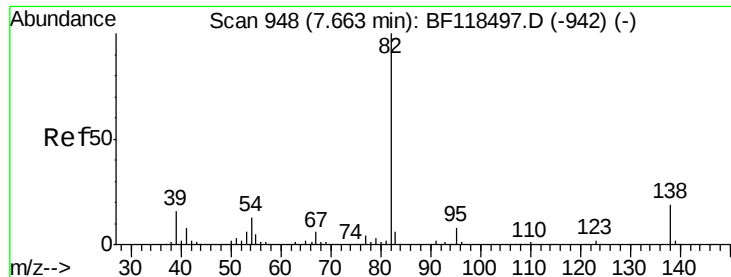
#24
 Nitrobenzene
 Concen: 40.839 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion: 77 Resp: 265699
 Ion Ratio Lower Upper
 77 100
 123 49.2 37.0 55.4
 65 13.7 10.7 16.1



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: 42.797 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

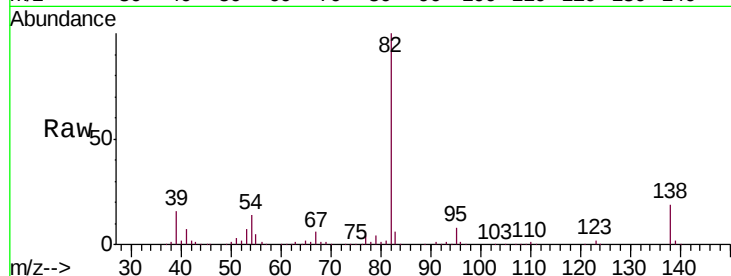
Tgt Ion: 82 Resp: 448599

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

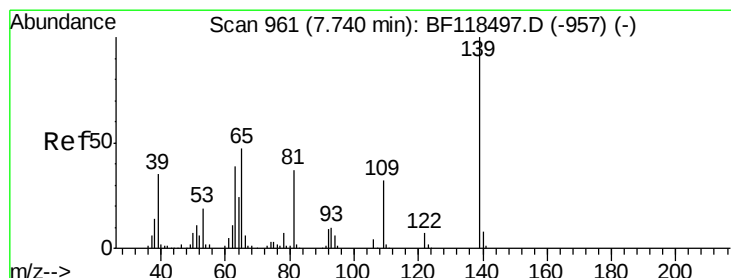
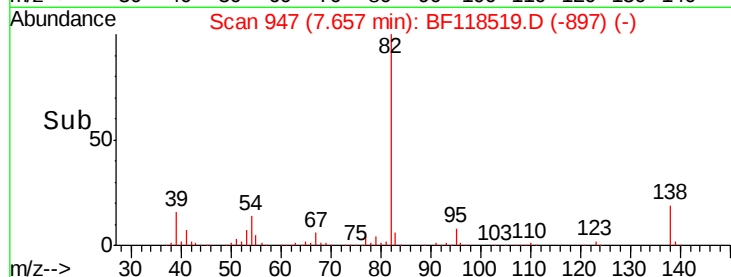
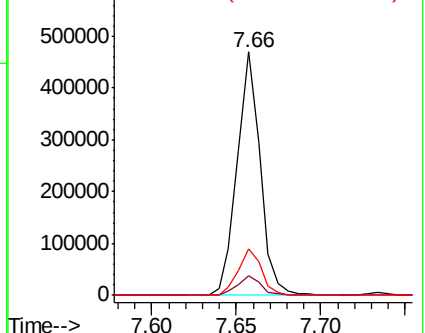
138 19.0 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.977 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

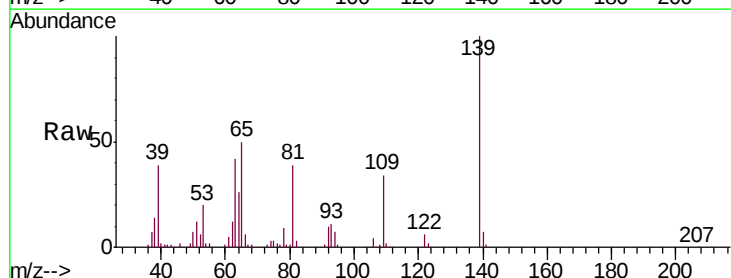
Tgt Ion: 139 Resp: 138056

Ion Ratio Lower Upper

139 100

109 34.4 25.7 38.5

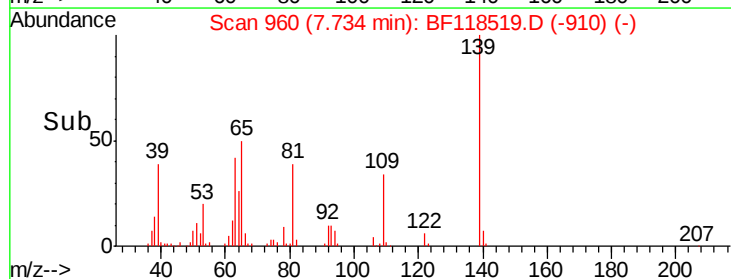
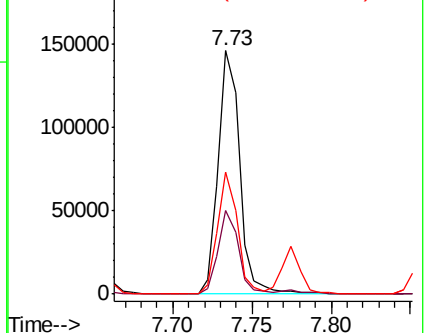
65 50.3 37.8 56.6

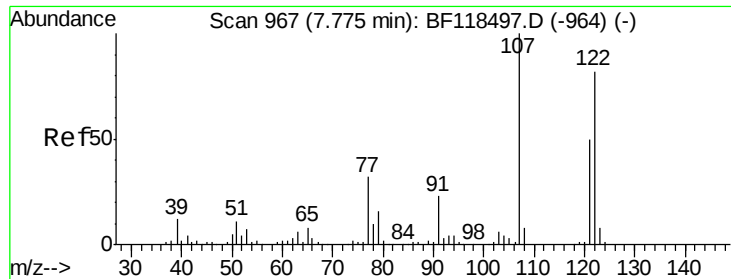


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

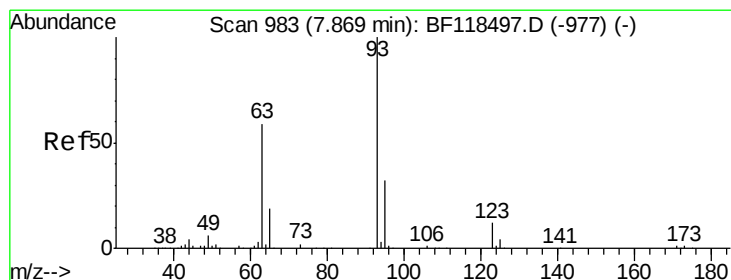
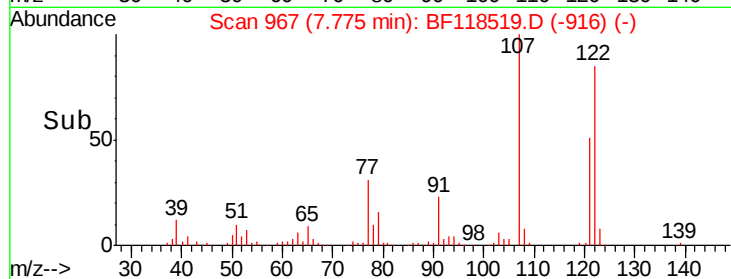
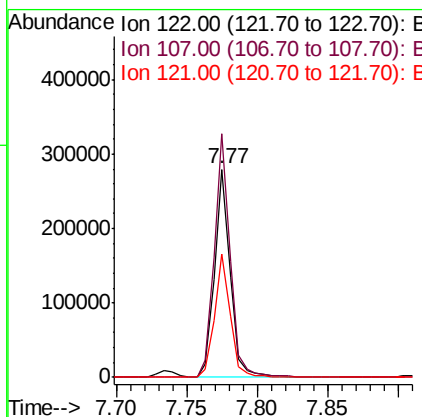
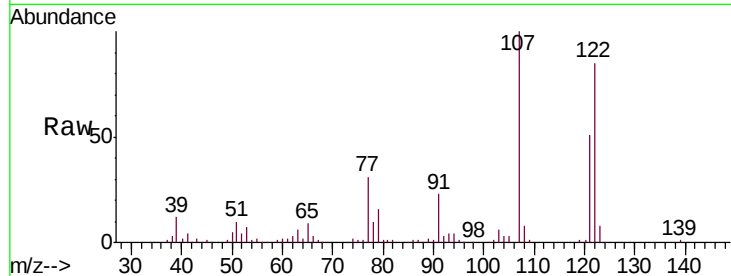




#27
 2,4-Dimethylphenol
 Concen: 49.806 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

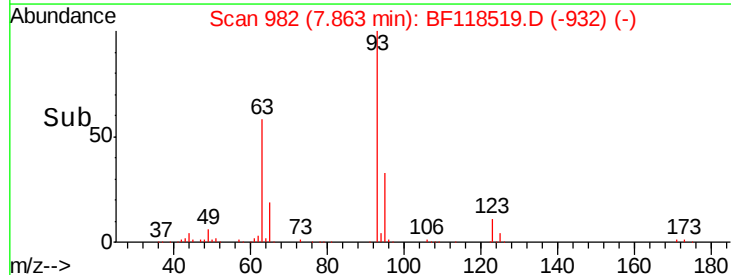
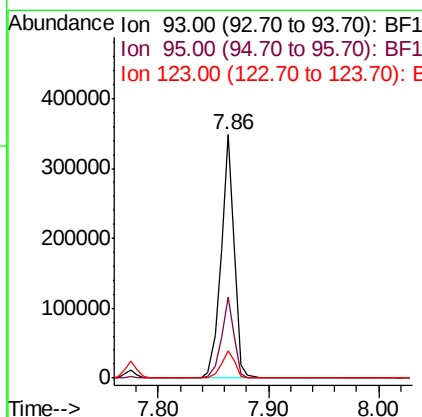
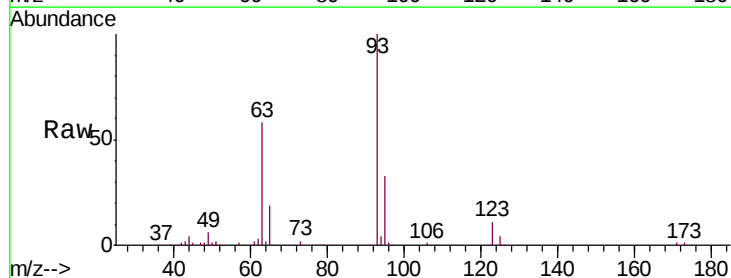
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

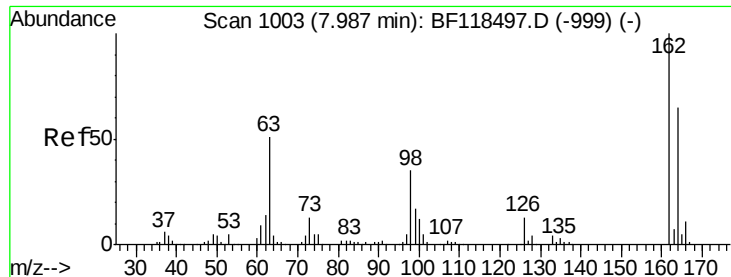
Tgt Ion:122 Resp: 215158
 Ion Ratio Lower Upper
 122 100
 107 117.0 97.9 146.9
 121 59.2 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.853 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion: 93 Resp: 288423
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.9 38.9
 123 11.4 9.7 14.5

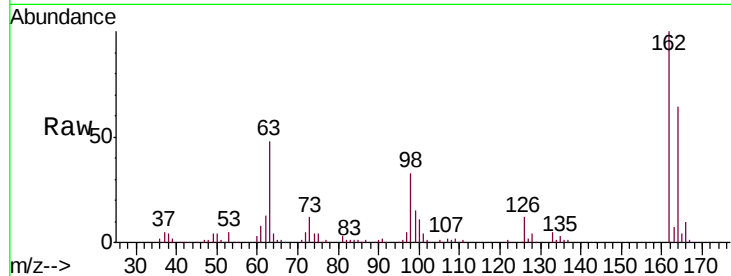




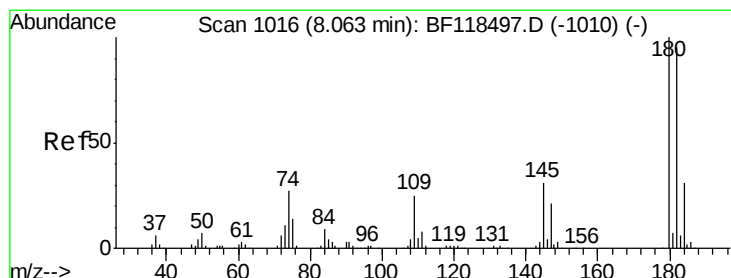
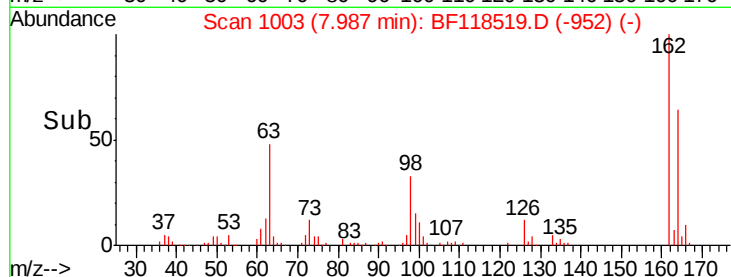
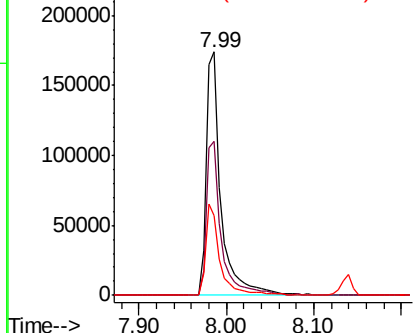
#29
2,4-Dichlorophenol
Concen: 40.609 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.8	84.8
98	32.7	15.1	55.1

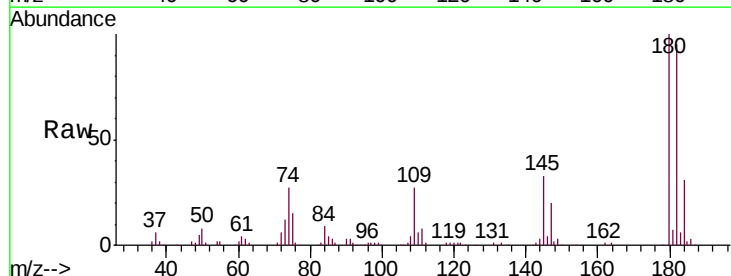


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

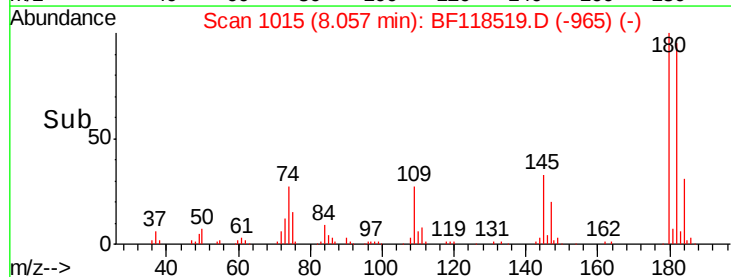
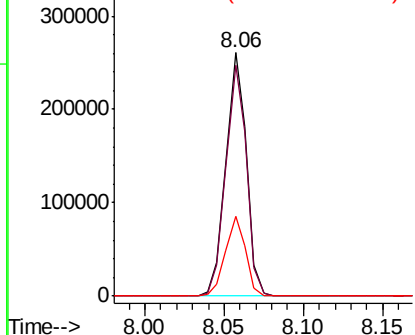


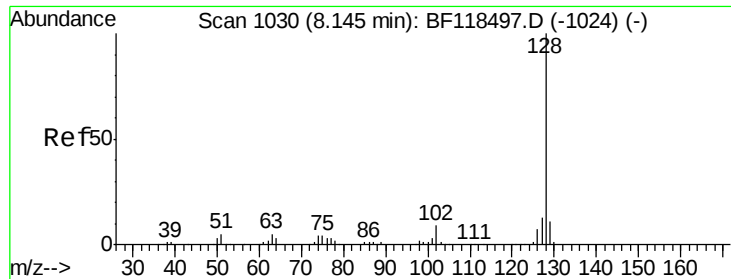
#30
1,2,4-Trichlorobenzene
Concen: 39.899 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	32.6	25.0	37.6



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

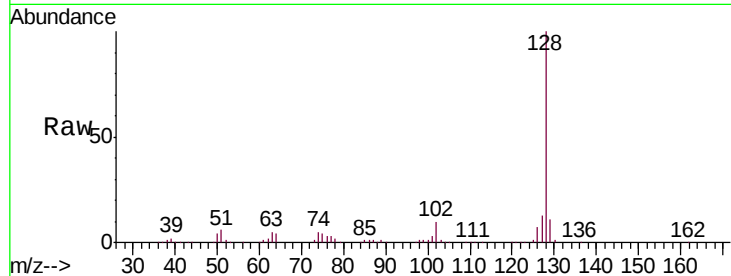




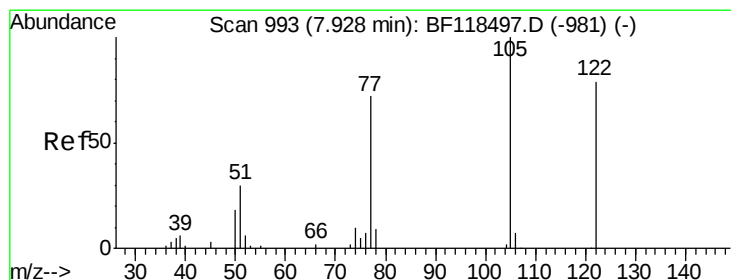
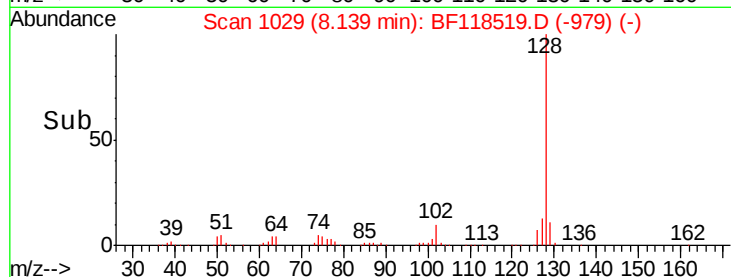
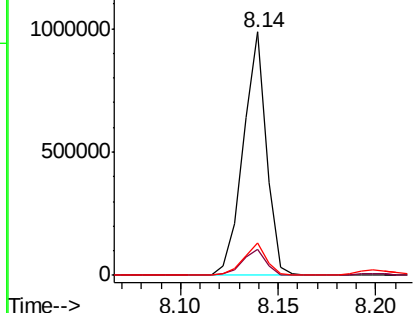
#31
Naphthalene
Concen: 45.128 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tgt Ion:128 Resp: 811369
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.7 16.1

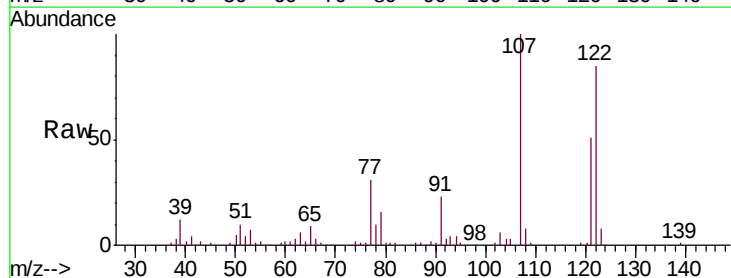


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

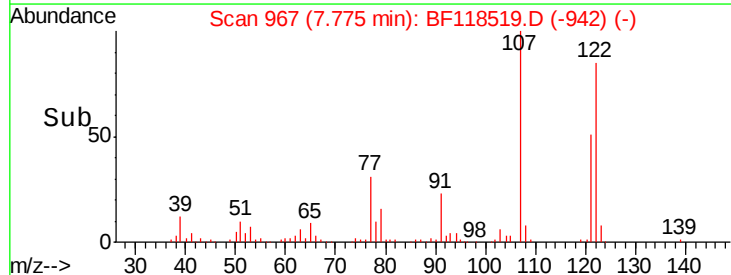
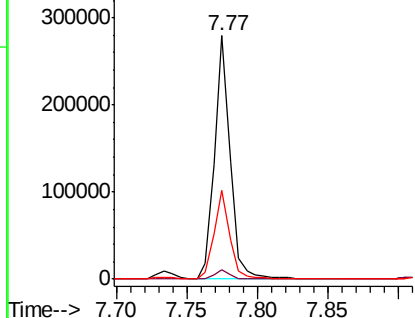


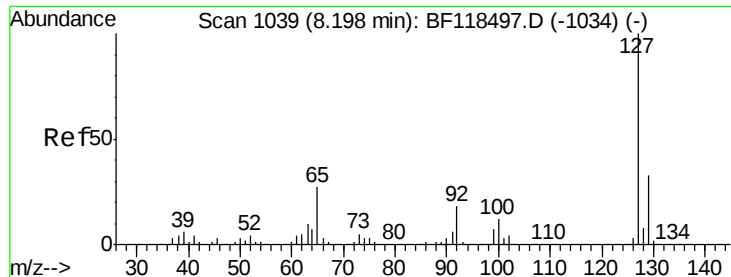
#32
Benzoic acid
Concen: 69.037 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.15 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:122 Resp: 215158
Ion Ratio Lower Upper
122 100
105 3.9 105.7 145.7#
77 36.2 71.0 111.0#



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

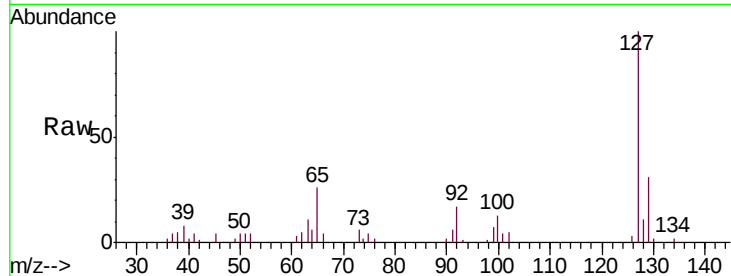




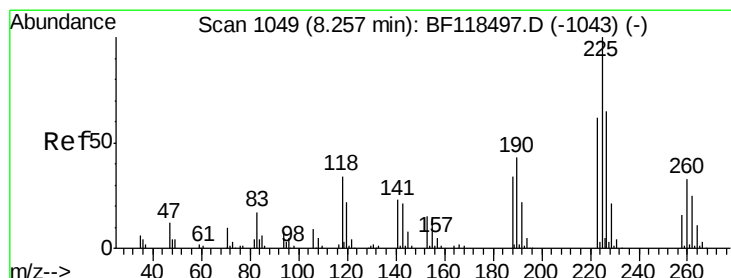
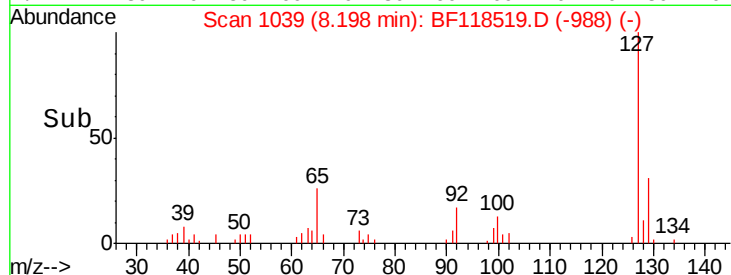
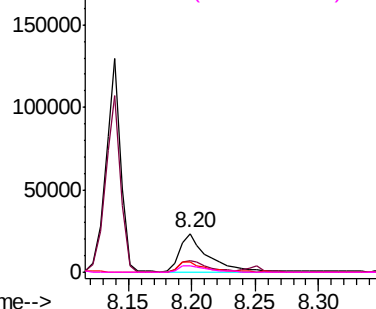
#33
4-Chloroaniline
Concen: 5.099 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:	127	Resp:	37742
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.2	39.4
65	26.2	21.6	32.4
92	17.1	14.3	21.5

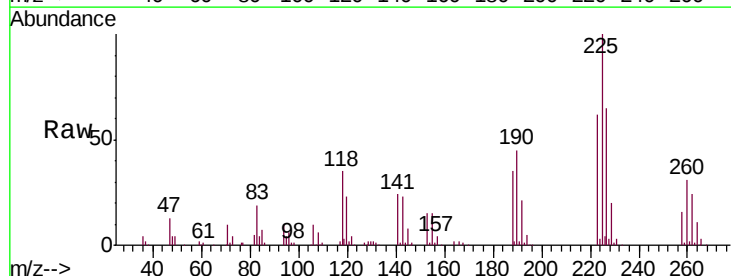


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

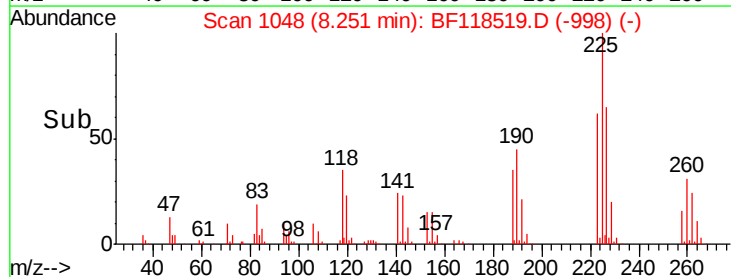
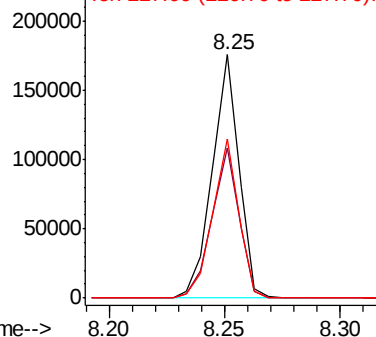


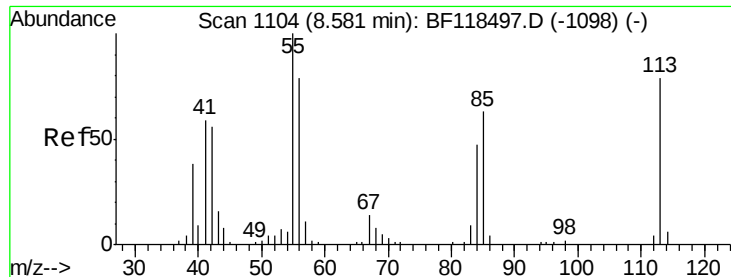
#34
Hexachlorobutadiene
Concen: 39.602 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:	225	Resp:	142410
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.9	74.9
227	65.2	51.8	77.6



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

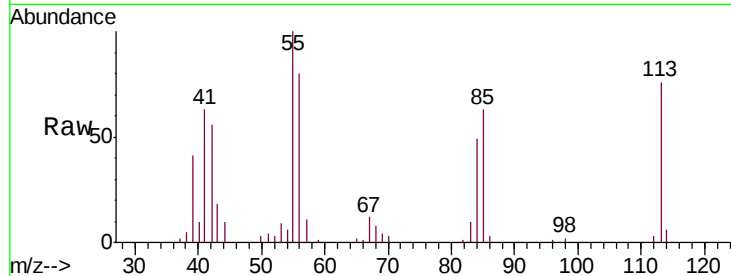




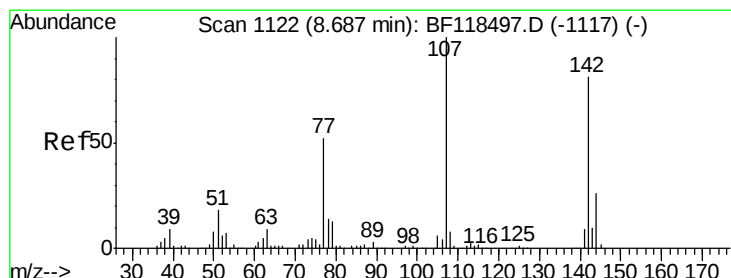
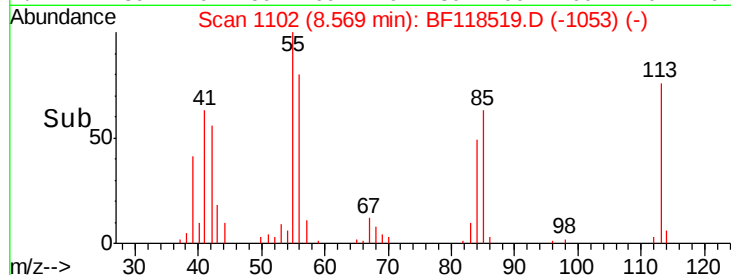
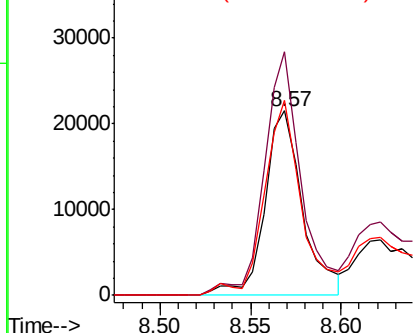
#35
 Caprolactam
 Concen: 20.606 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion:113 Resp: 31309
 Ion Ratio Lower Upper
 113 100
 55 132.2 106.5 146.5
 56 105.8 80.1 120.1

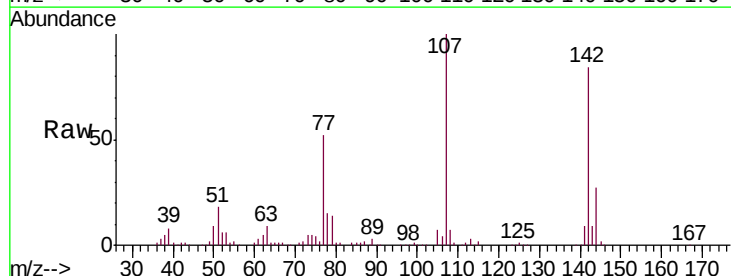


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

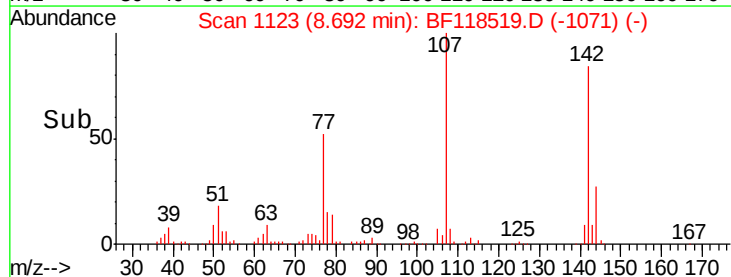
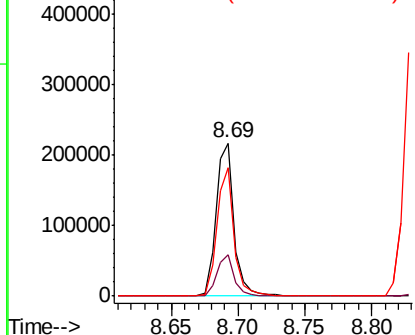


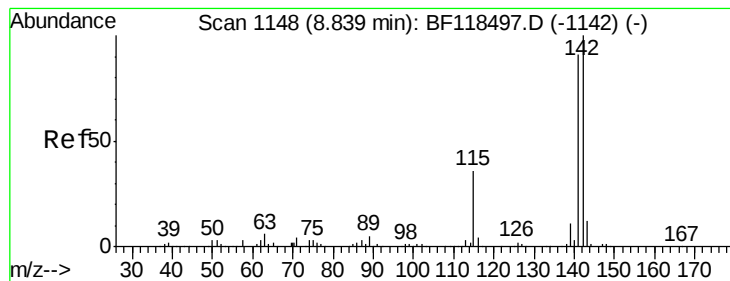
#36
 4-Chloro-3-methylphenol
 Concen: 38.024 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion:107 Resp: 206191
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.6 31.0
 142 84.1 65.0 97.4



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





#37

2-Methylnaphthalene

Concen: 37.962 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

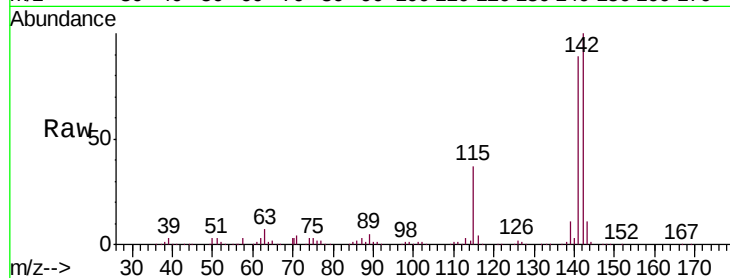
Tgt Ion:142 Resp: 468432

Ion Ratio Lower Upper

142 100

141 89.4 73.0 109.6

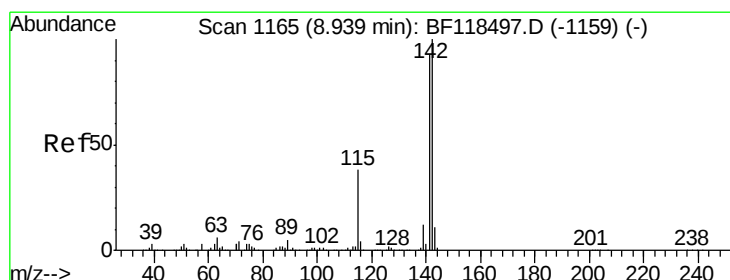
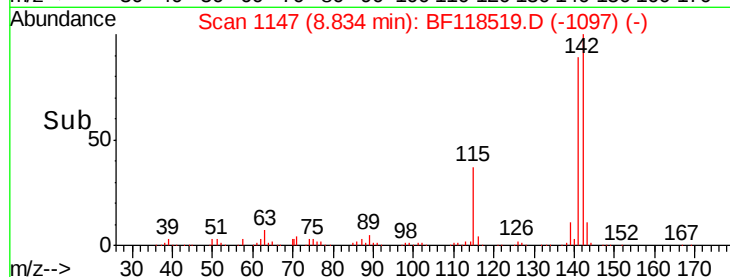
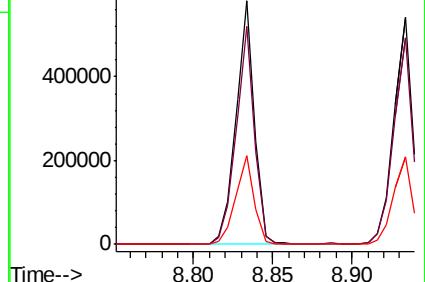
115 36.7 28.4 42.6



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: 38.177 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

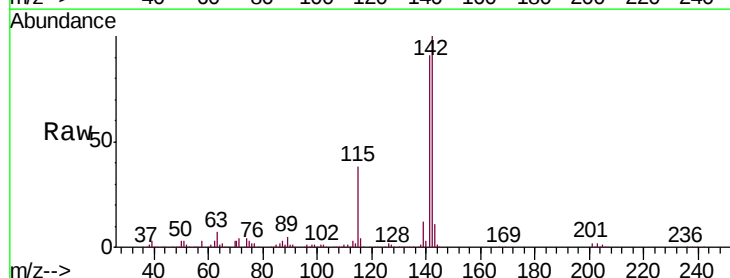
Tgt Ion:142 Resp: 442299

Ion Ratio Lower Upper

142 100

141 90.6 74.3 111.5

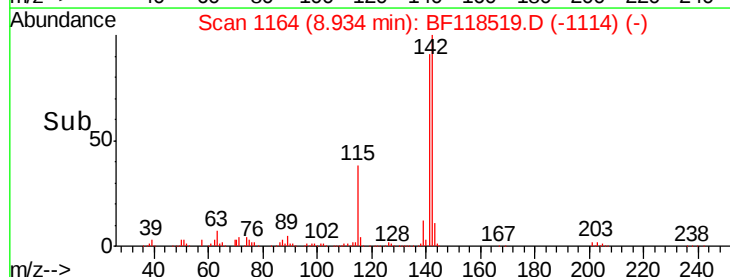
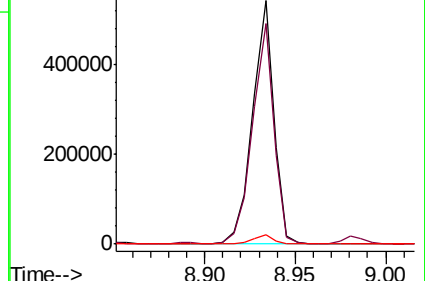
116 4.0 3.2 4.8

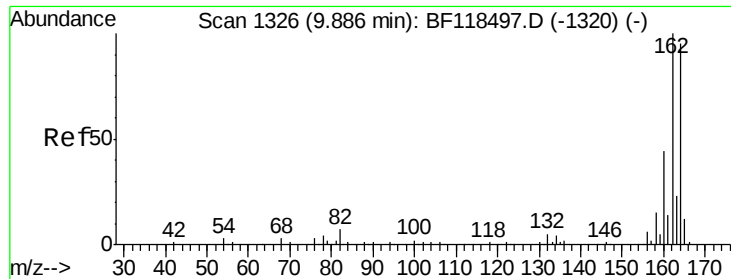


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

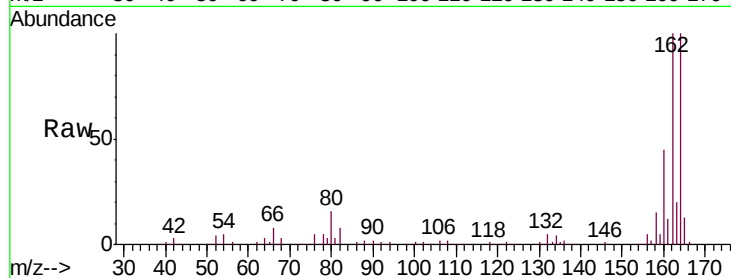
Tgt Ion:164 Resp: 181688

Ion Ratio Lower Upper

164 100

162 100.4 84.2 126.4

160 45.3 36.8 55.2

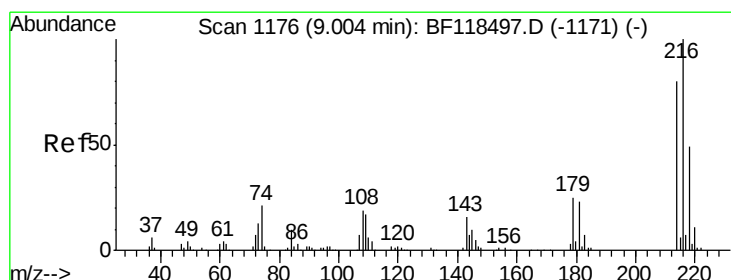
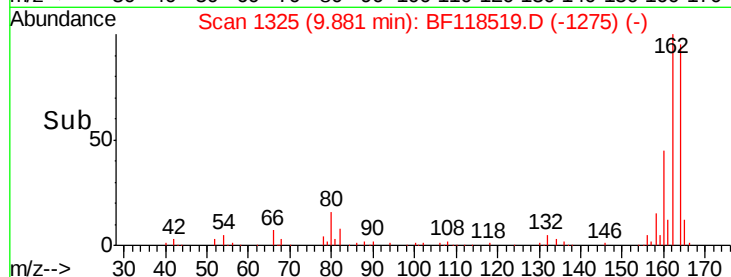
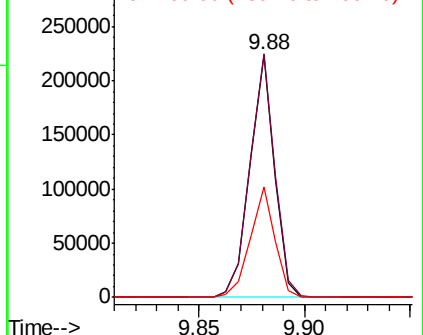


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.627 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Tgt Ion:216 Resp: 204467

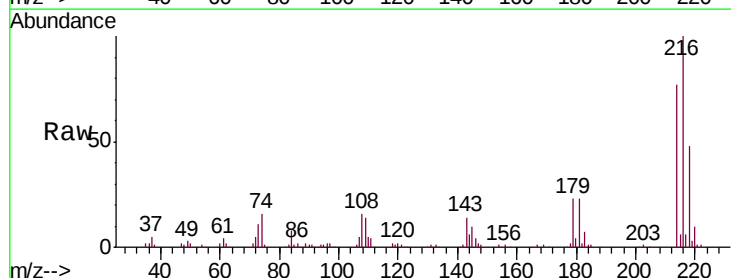
Ion Ratio Lower Upper

216 100

214 78.3 62.4 93.6

179 23.8 18.7 28.1

108 20.6 15.3 22.9



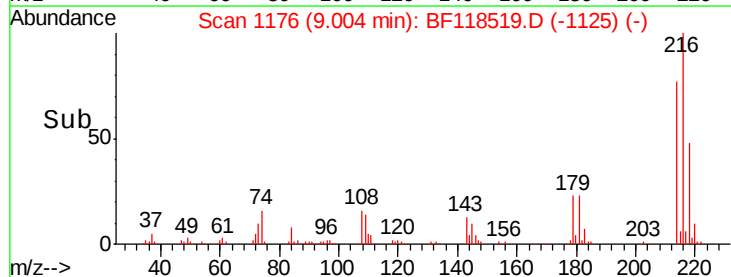
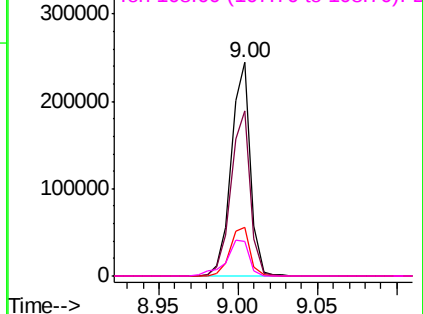
Abundance

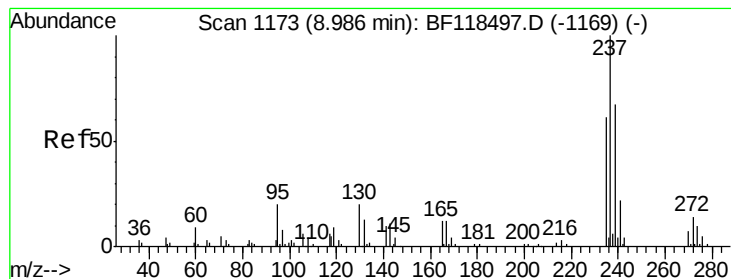
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.438 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

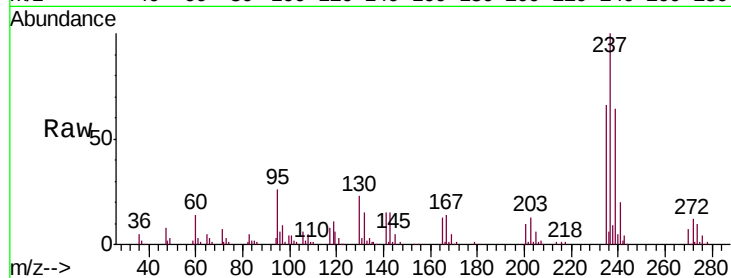
Tgt Ion: 237 Resp: 106250

Ion Ratio Lower Upper

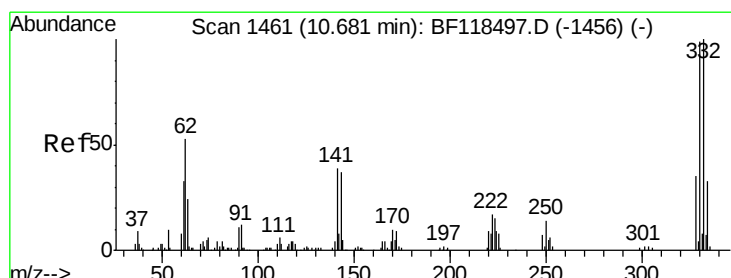
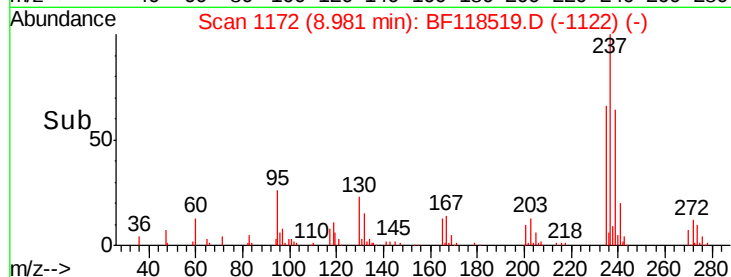
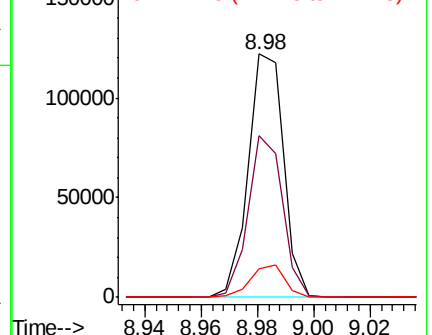
237 100

235 66.4 40.8 80.8

272 11.8 0.0 34.2



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: 114.468 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

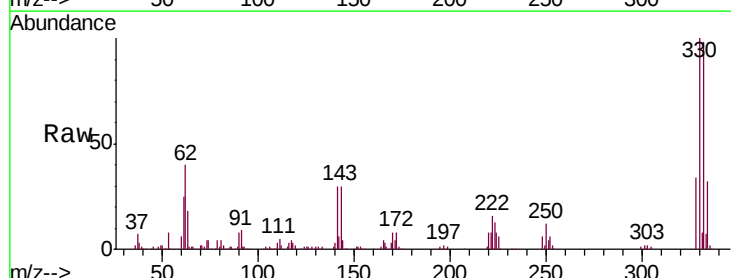
Tgt Ion: 330 Resp: 245406

Ion Ratio Lower Upper

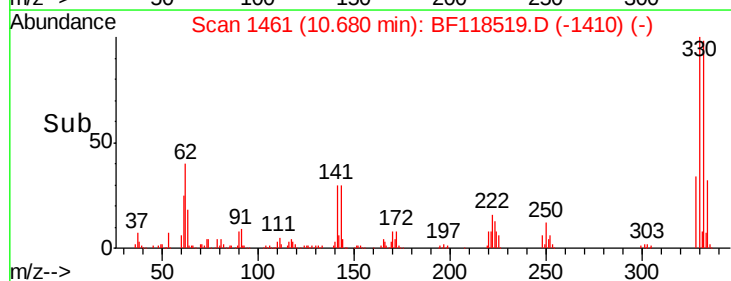
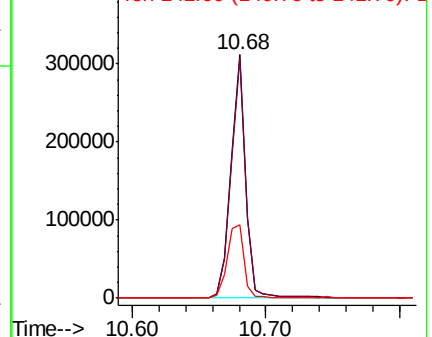
330 100

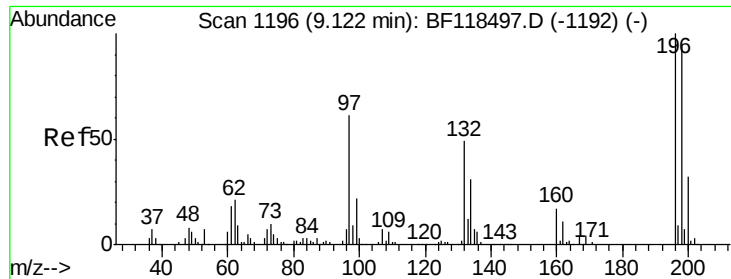
332 98.1 77.9 116.9

141 34.9 28.6 43.0



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

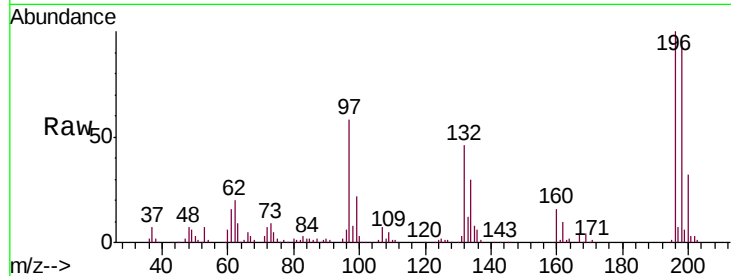




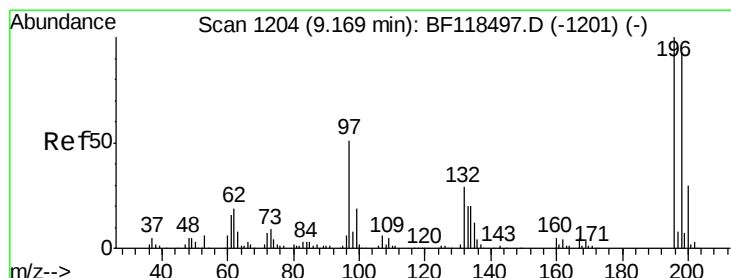
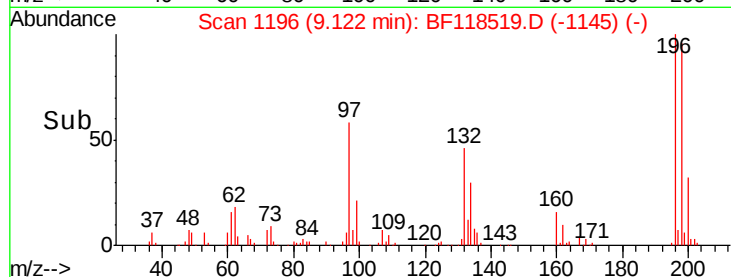
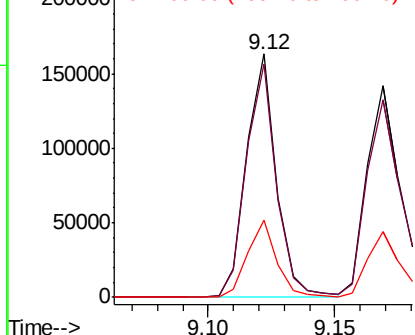
#43
 2,4,6-Trichlorophenol
 Concen: 38.901 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tgt Ion:196 Resp: 134192
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.4
 200 31.6 25.2 37.8



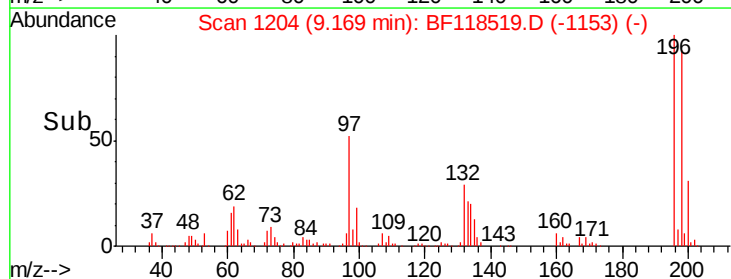
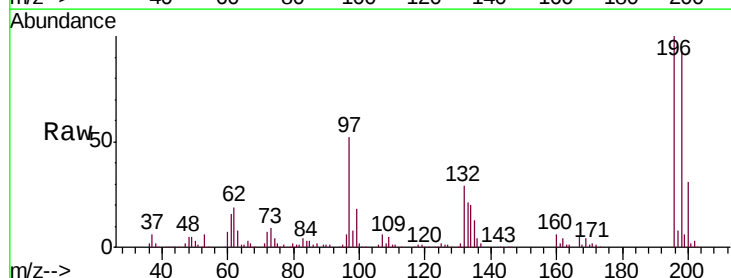
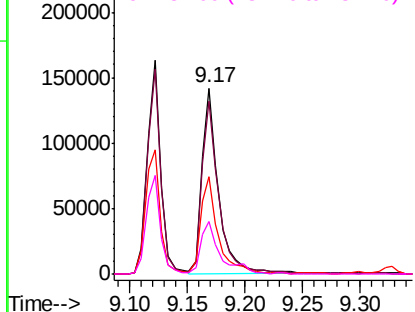
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

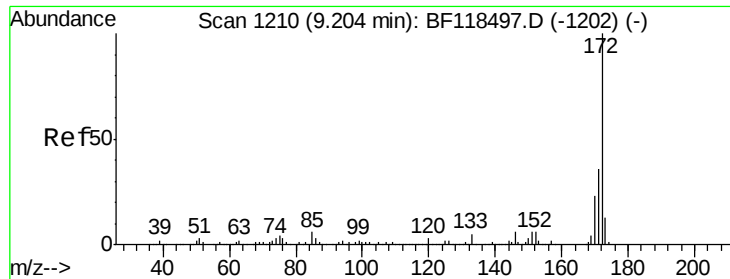


#44
 2,4,5-Trichlorophenol
 Concen: 40.135 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion:196 Resp: 143272
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.7 112.1
 97 52.4 40.7 61.1
 132 28.6 23.7 35.5

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

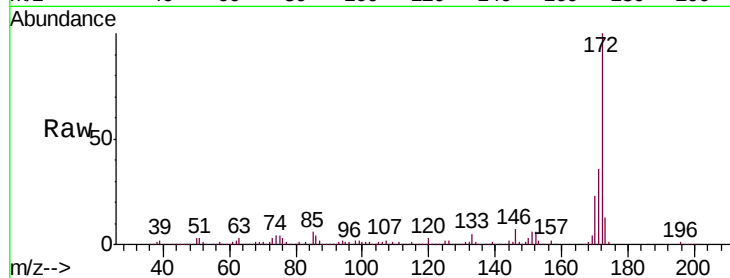




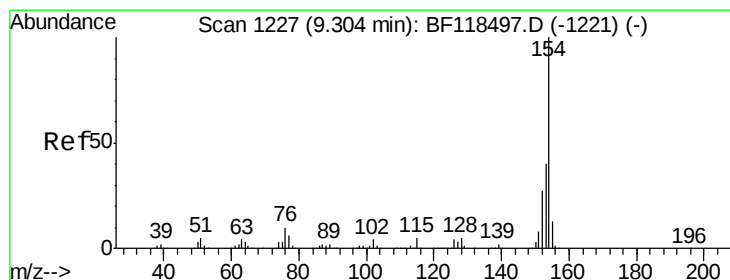
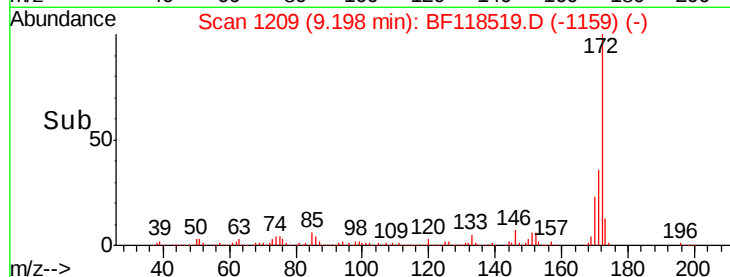
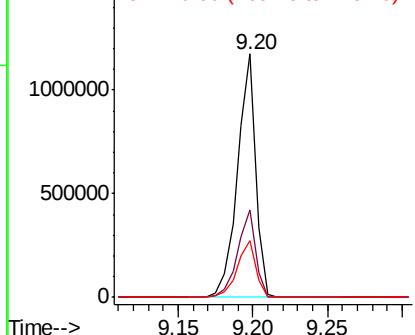
#45
 2-Fluorobiphenyl
 Concen: 79.220 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion:172 Resp: 1003581
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.4 18.6 27.8

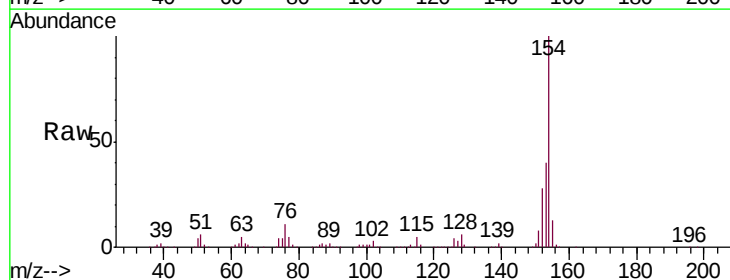


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

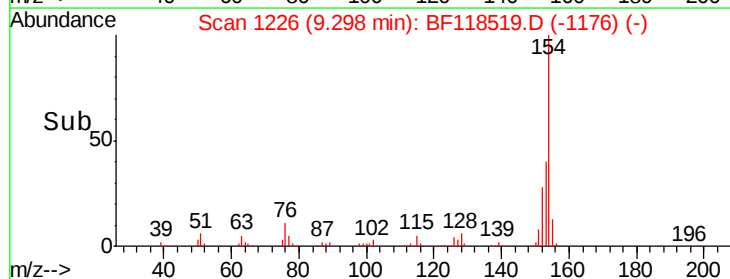
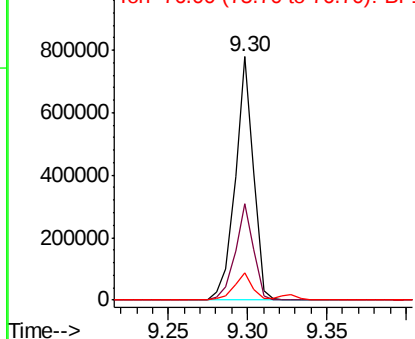


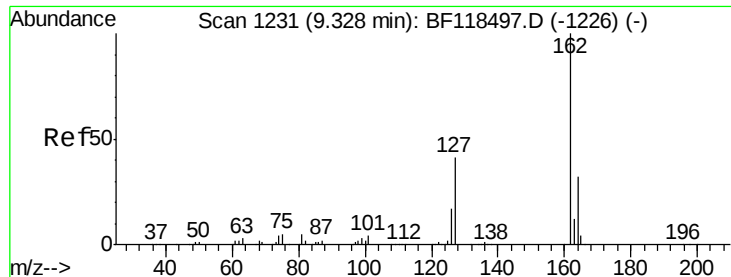
#46
 1,1'-Biphenyl
 Concen: 41.523 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion:154 Resp: 616416
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.2 60.2
 76 11.3 0.0 30.4



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

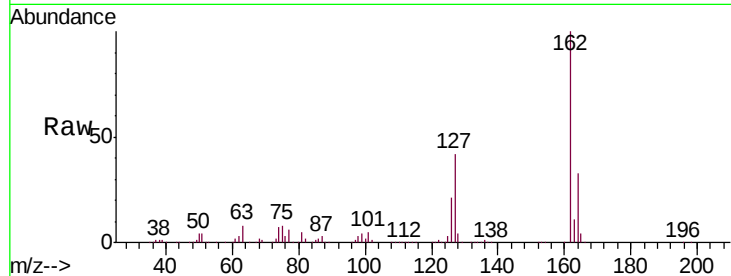




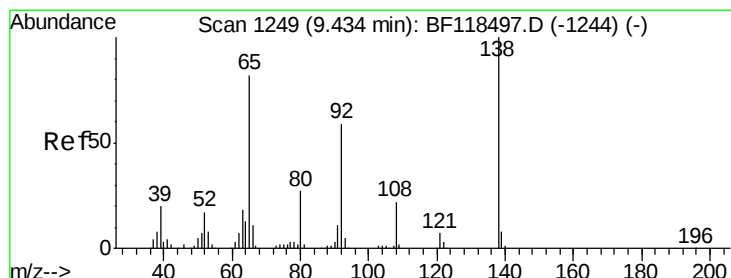
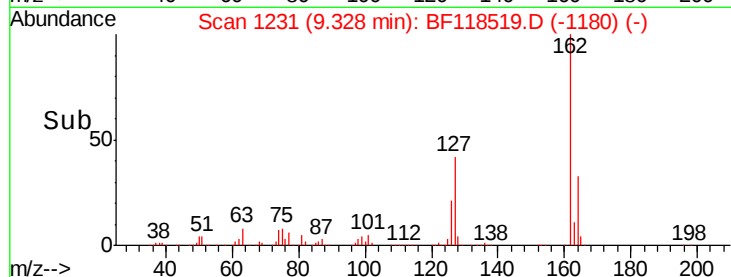
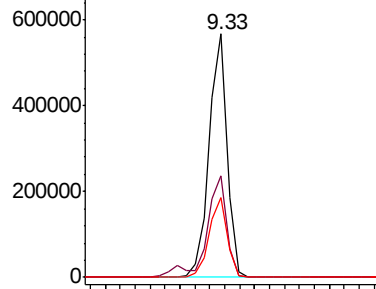
#47
2-Chloronaphthalene
Concen: 41.017 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.5	53.3
164	32.5	25.8	38.8

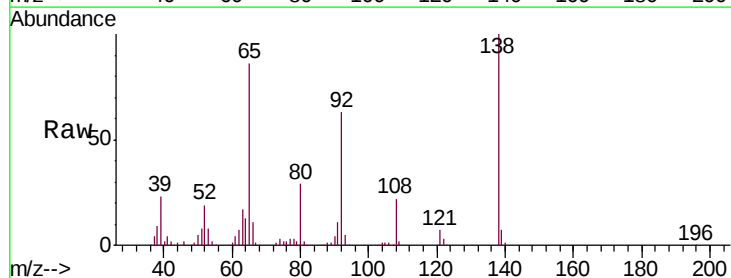


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

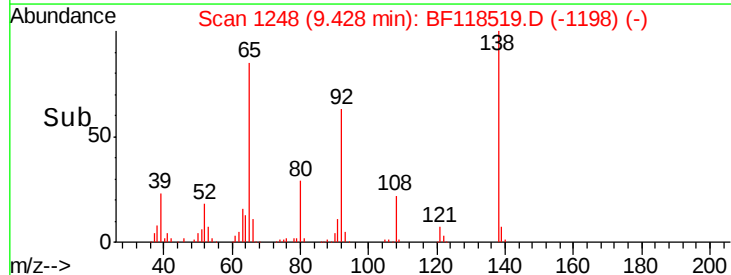
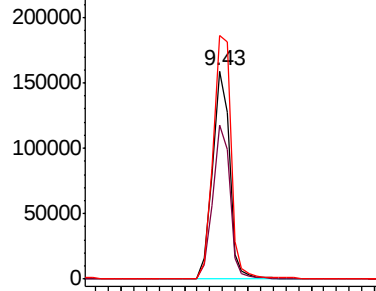


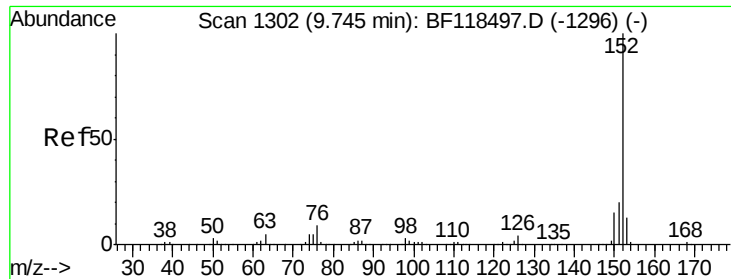
#48
2-Nitroaniline
Concen: 43.387 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	57.7	86.5
138	116.9	97.2	145.8



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: 47.140 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

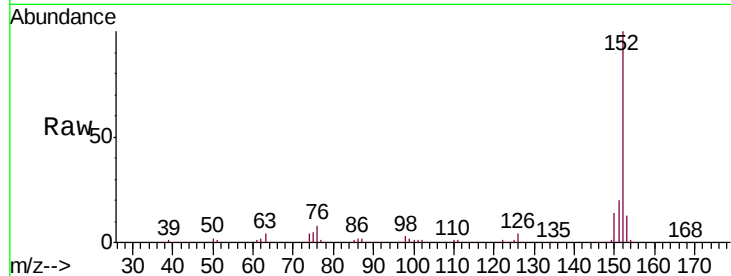
Tgt Ion:152 Resp: 824478

Ion Ratio Lower Upper

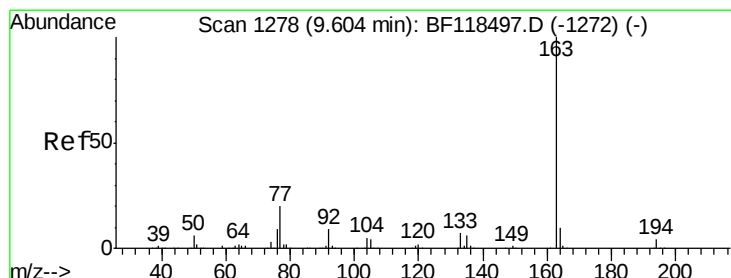
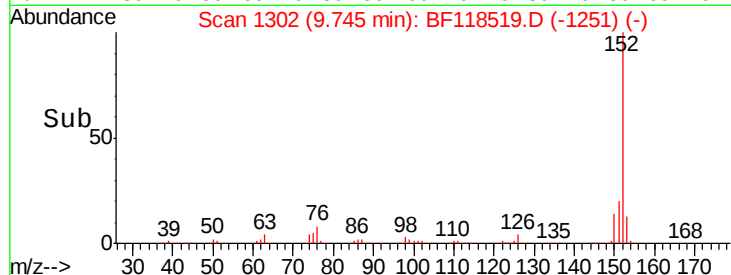
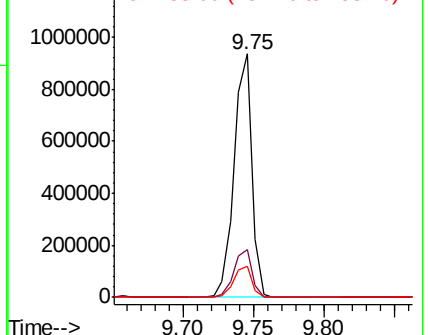
152 100

151 19.8 16.3 24.5

153 12.6 10.6 16.0



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: 43.993 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

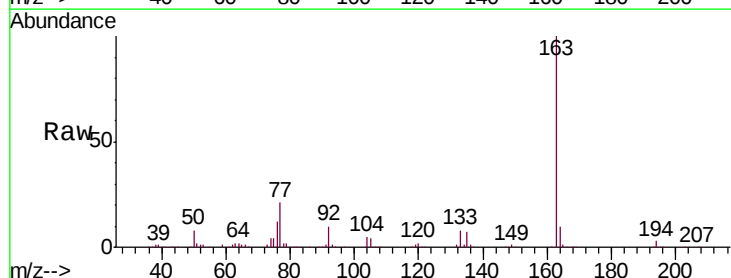
Tgt Ion:163 Resp: 613465

Ion Ratio Lower Upper

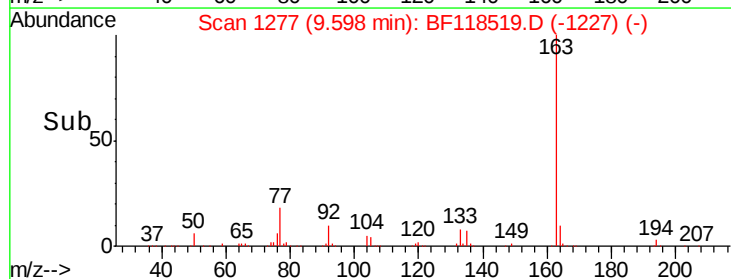
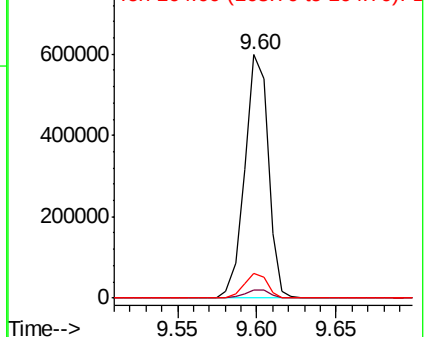
163 100

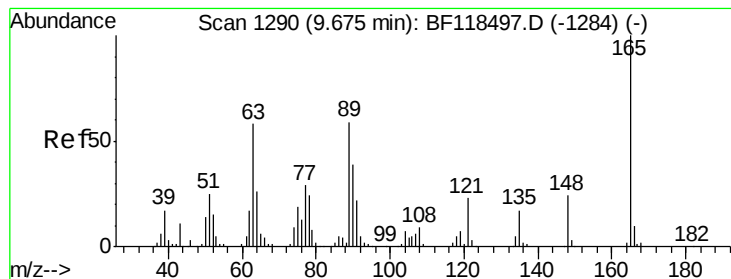
194 3.4 3.0 4.6

164 10.4 8.1 12.1



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: 46.486 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampled :

TP-1MS

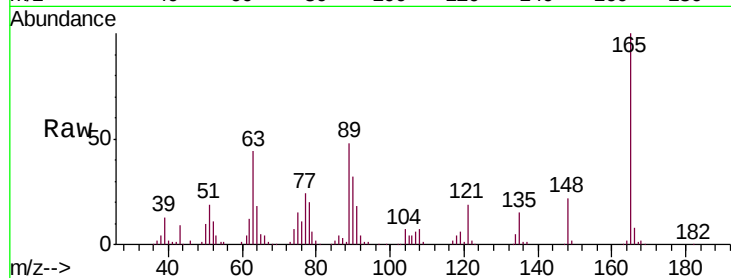
Tgt Ion:165 Resp: 139597

Ion Ratio Lower Upper

165 100

63 44.2 46.6 70.0#

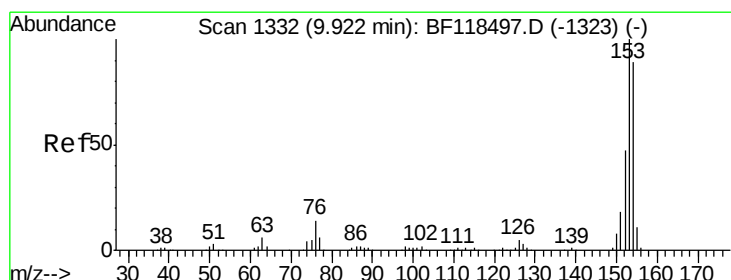
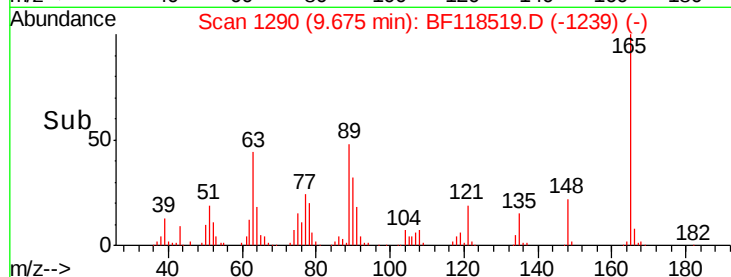
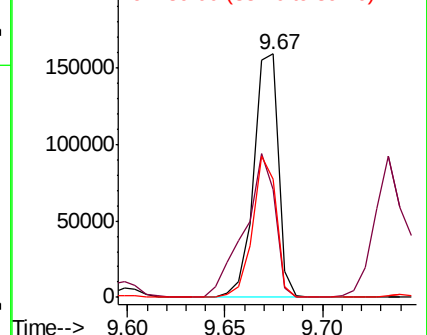
89 48.3 47.5 71.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.670 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

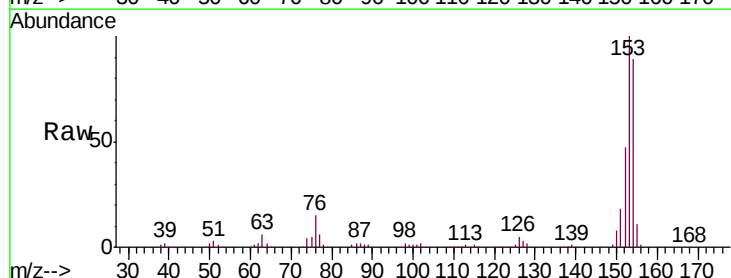
Tgt Ion:154 Resp: 487776

Ion Ratio Lower Upper

154 100

153 112.5 89.7 134.5

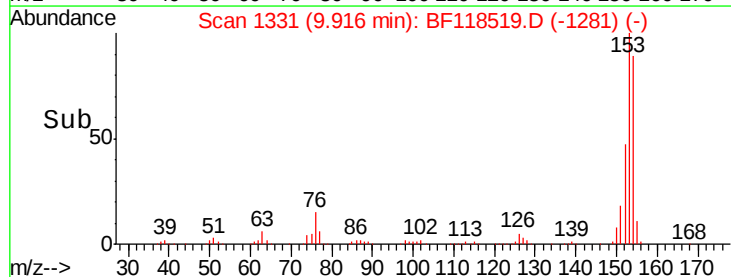
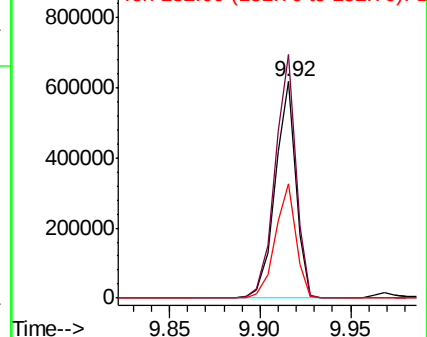
152 52.8 41.9 62.9

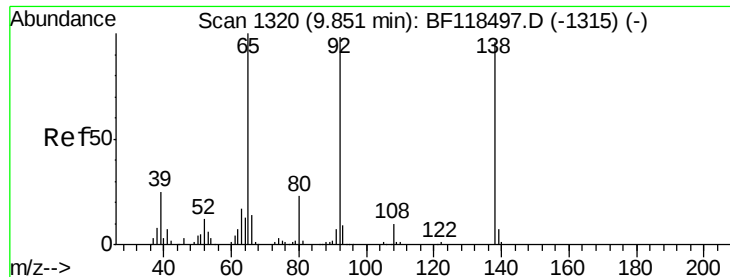


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

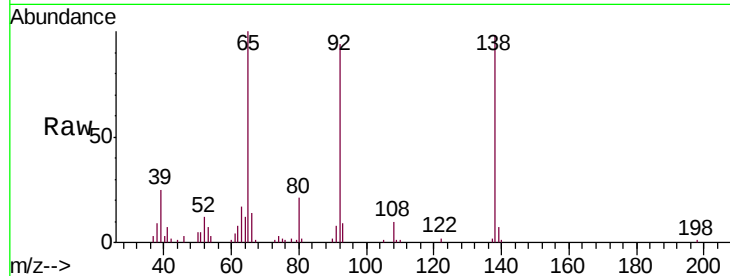




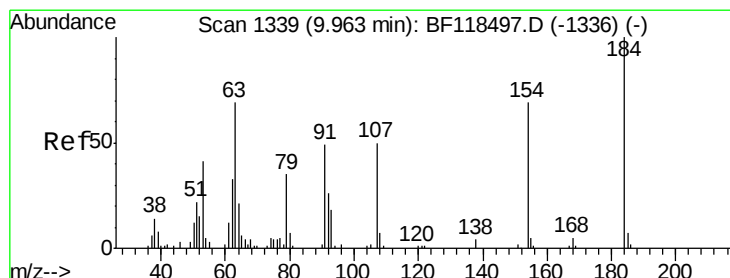
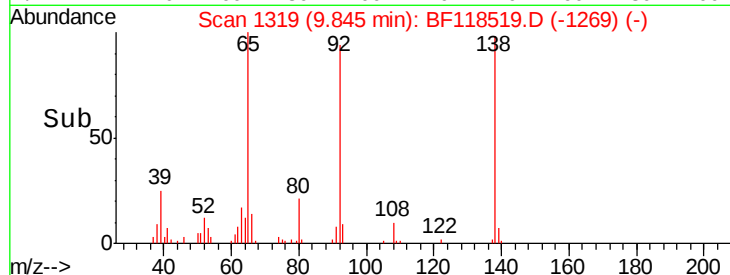
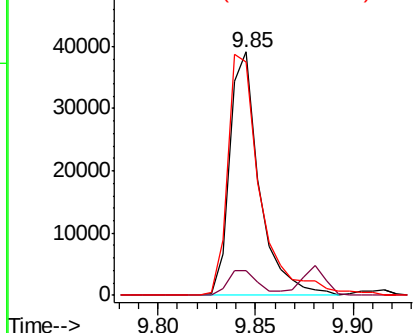
#53
3-Nitroaniline
Concen: 11.686 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:138 Resp: 41109
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 95.9 81.6 122.4

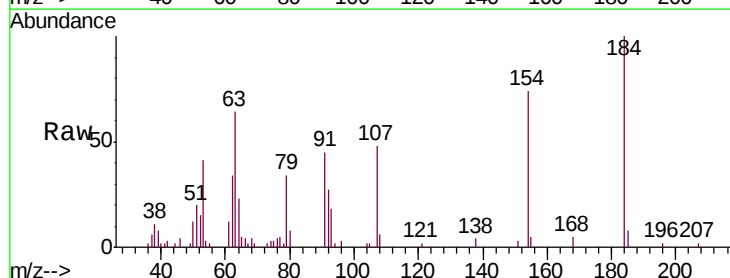


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

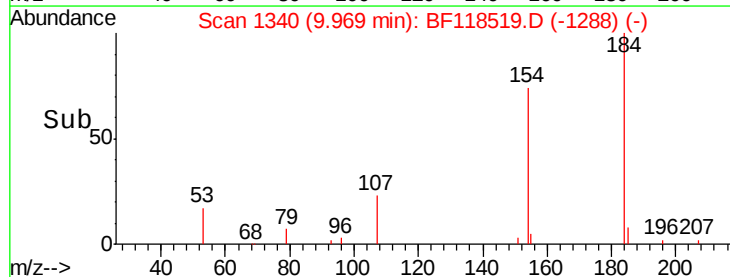
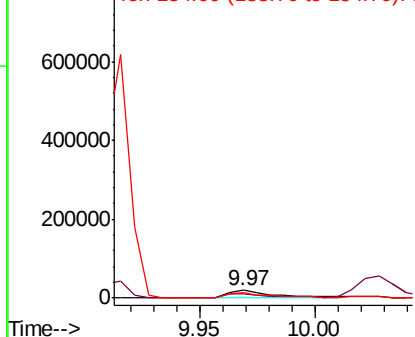


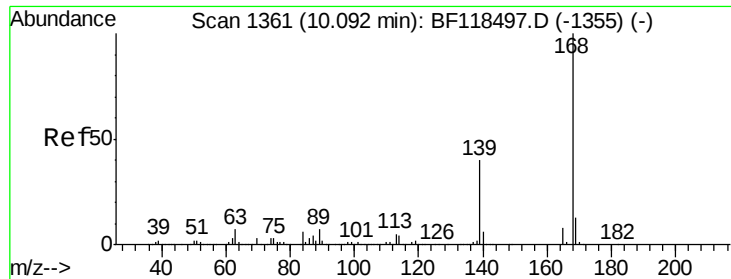
#54
2,4-Dinitrophenol
Concen: 24.776 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:184 Resp: 27770
Ion Ratio Lower Upper
184 100
63 64.1 55.3 82.9
154 74.5 55.0 82.4



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

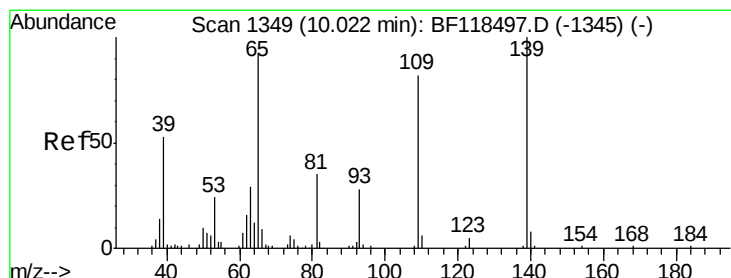
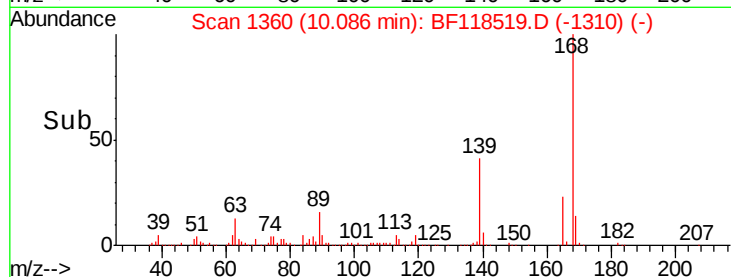
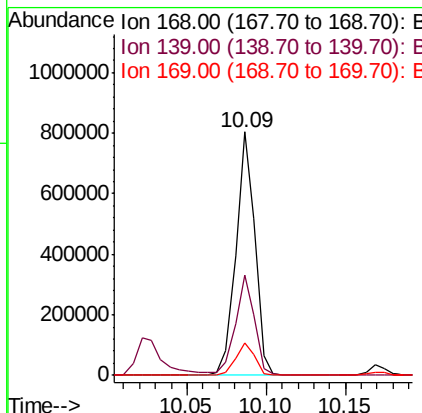
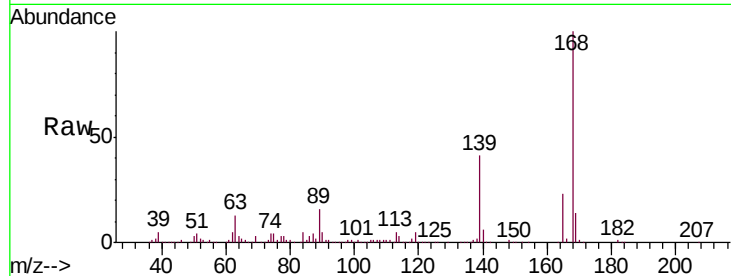




#55
Dibenzenofuran
Concen: 41.288 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

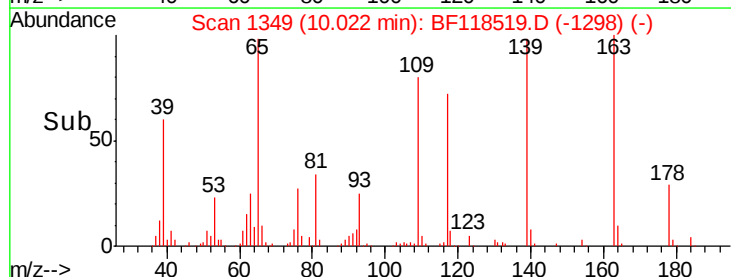
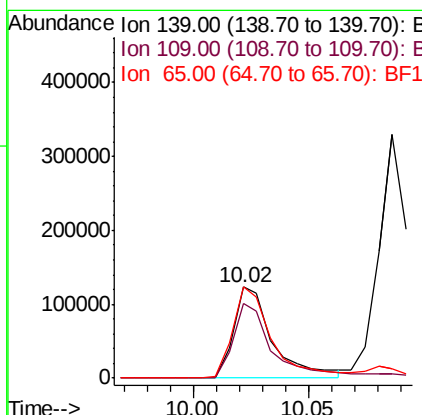
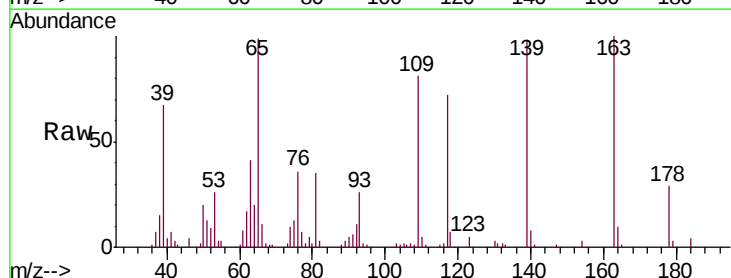
Instrument :
BNA_F
ClientSampleId :
TP-1MS

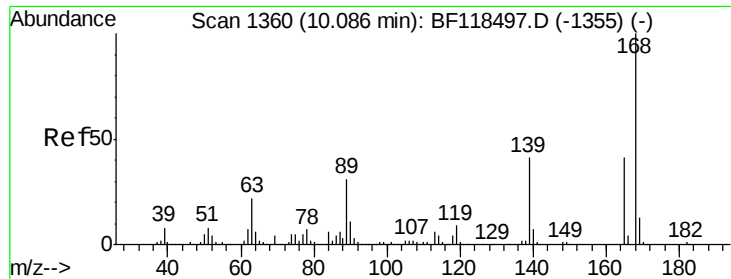
Tgt Ion:168 Resp: 662328
Ion Ratio Lower Upper
168 100
139 41.0 32.5 48.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 84.901 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:139 Resp: 145010
Ion Ratio Lower Upper
139 100
109 82.2 62.2 102.2
65 100.9 72.8 112.8

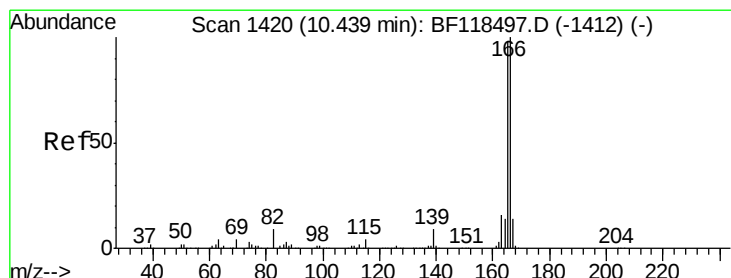
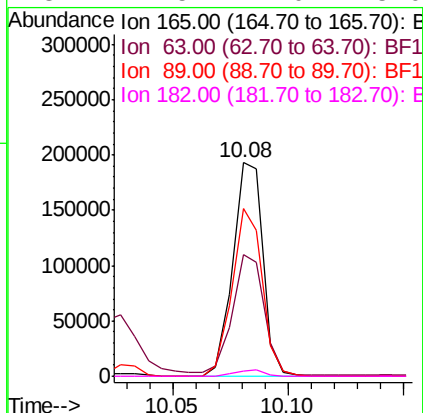
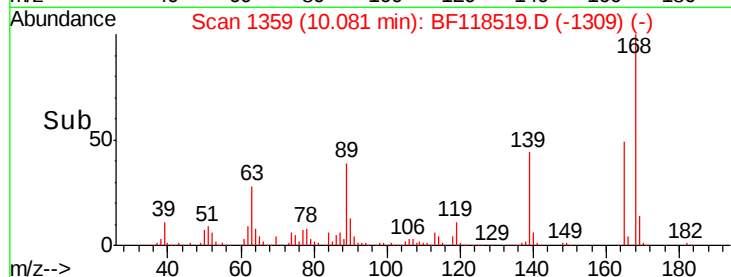
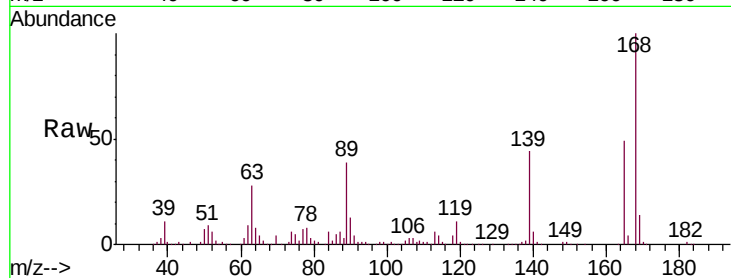




#57
2,4-Dinitrotoluene
Concen: 43.740 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

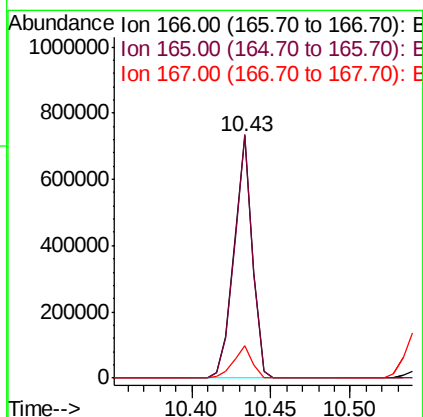
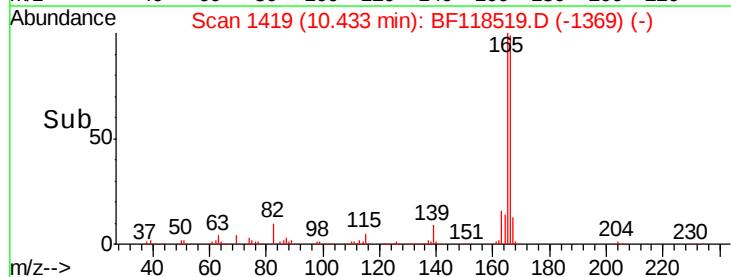
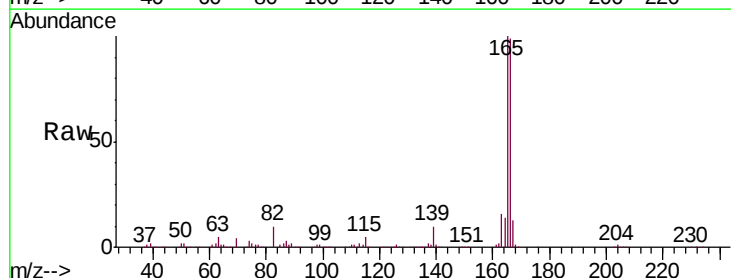
Instrument :
BNA_F
ClientSampleId :
TP-1MS

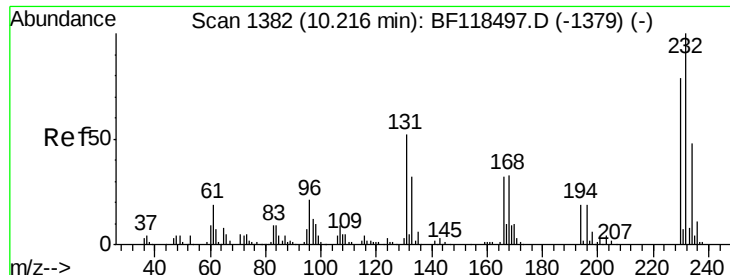
Tgt Ion:165 Resp: 175874
Ion Ratio Lower Upper
165 100
63 57.1 44.1 66.1
89 78.7 60.4 90.6
182 2.5 2.0 3.0



#58
Fluorene
Concen: 45.661 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:166 Resp: 588760
Ion Ratio Lower Upper
166 100
165 100.5 78.6 117.8
167 13.5 10.8 16.2

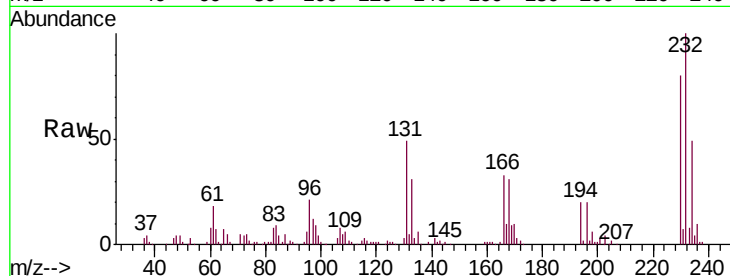




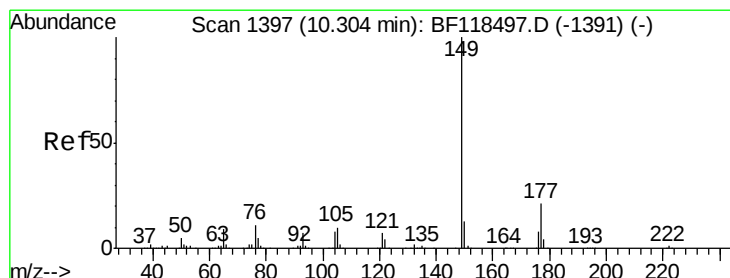
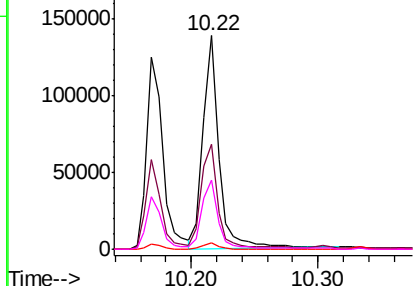
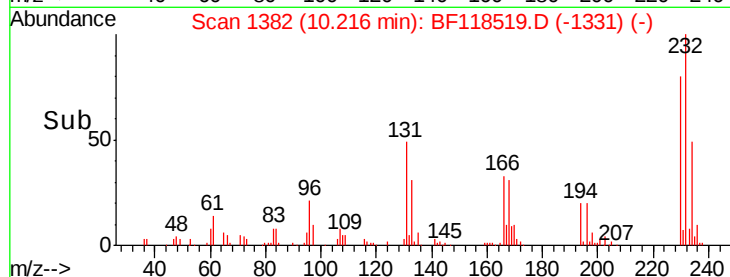
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.992 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 232 Resp: 120728
Ion Ratio Lower Upper
232 100
131 50.8 42.2 63.4
130 2.8 2.1 3.1
166 32.9 25.7 38.5

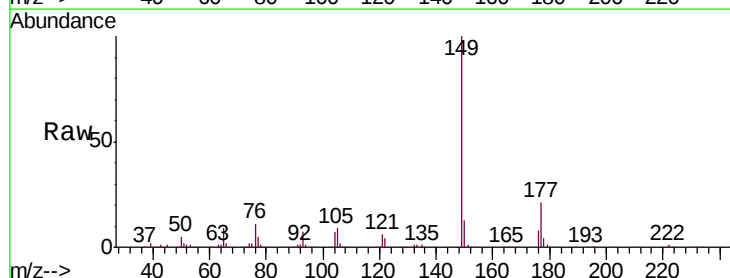


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

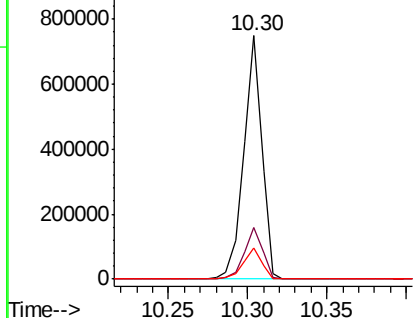
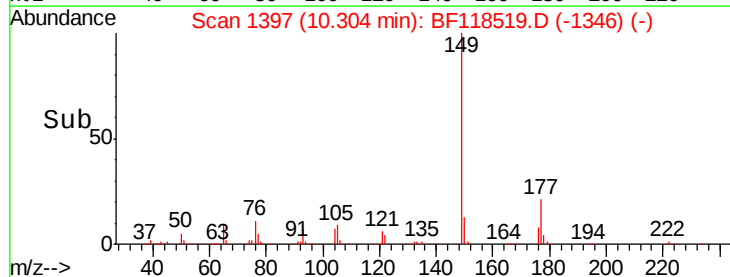


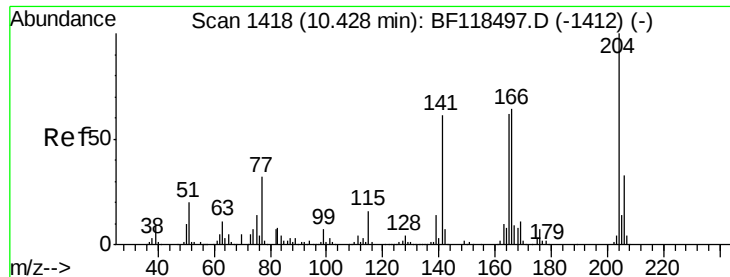
#60
Diethylphthalate
Concen: 41.593 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion: 149 Resp: 590434
Ion Ratio Lower Upper
149 100
177 21.2 16.5 24.7
150 12.7 10.2 15.2



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

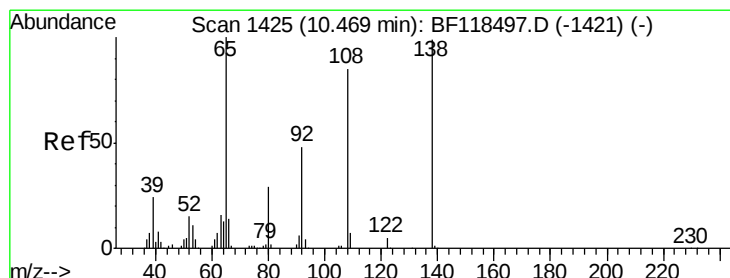
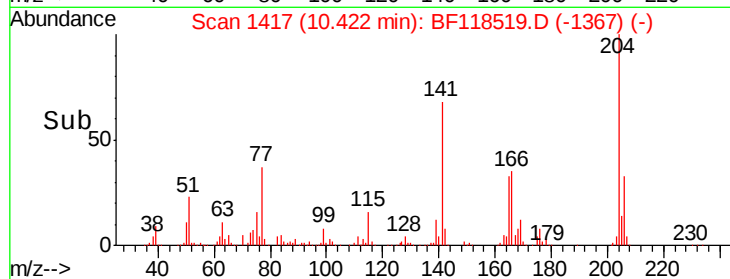
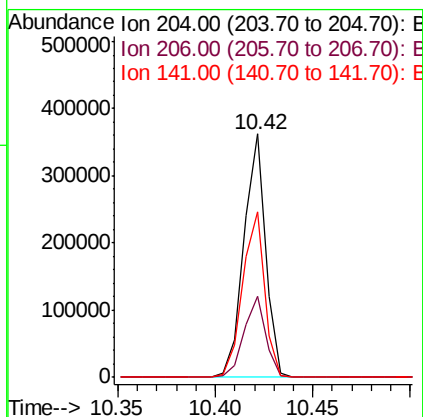
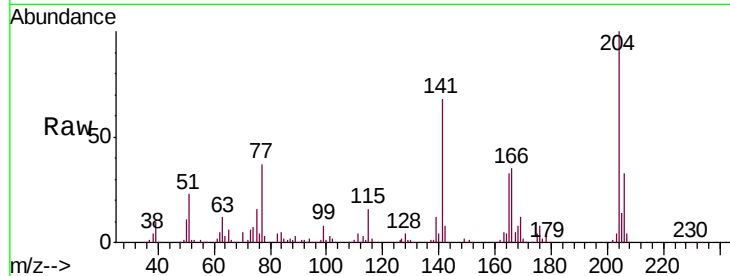




#61
 4-Chlorophenyl-phenylether
 Concen: 43.492 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

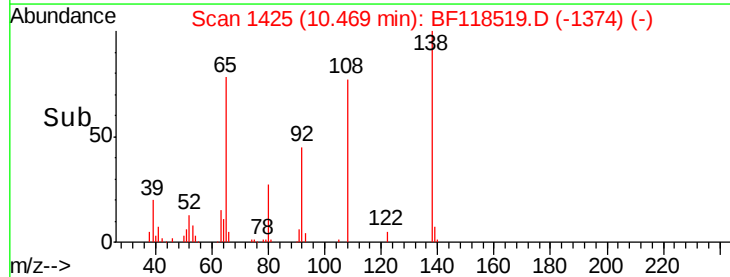
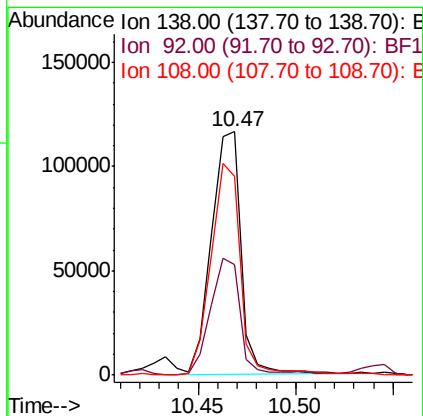
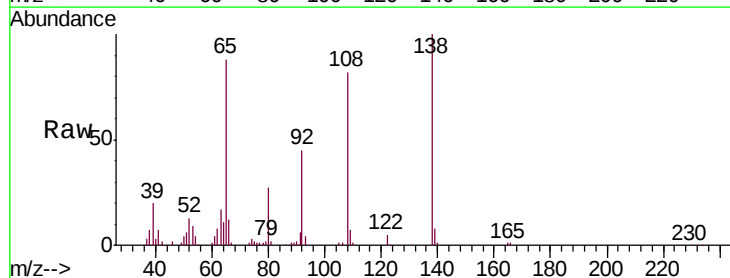
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

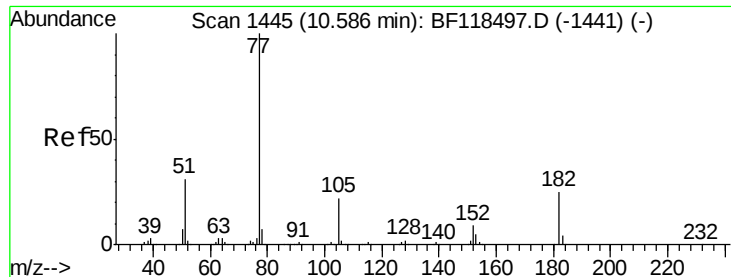
Tgt Ion: 204 Resp: 280204
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.0 39.0
 141 67.8 49.0 73.6



#62
 4-Nitroaniline
 Concen: 35.383 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion: 138 Resp: 121871
 Ion Ratio Lower Upper
 138 100
 92 45.4 27.9 67.9
 108 81.7 64.7 104.7

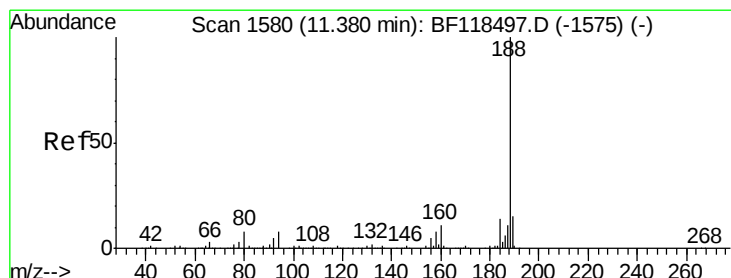
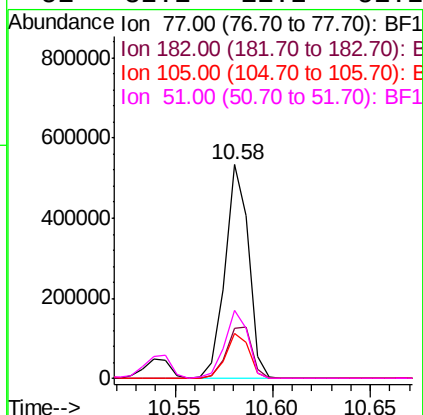
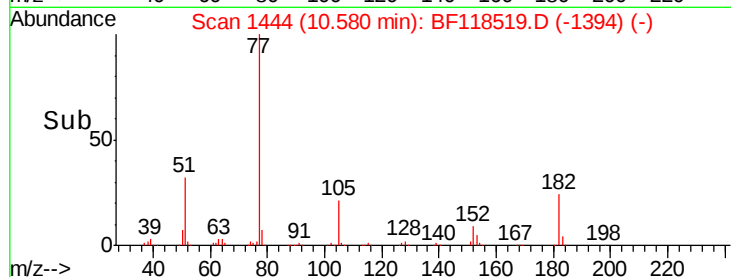
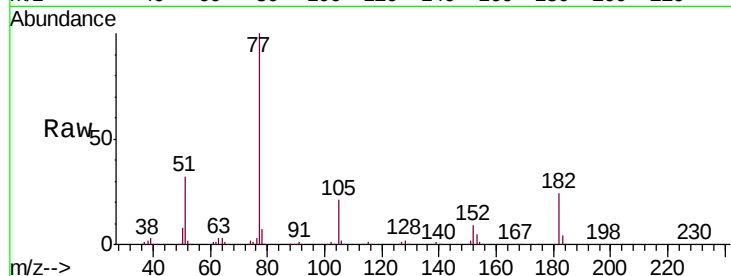




#63
Azobenzene
Concen: 37.003 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

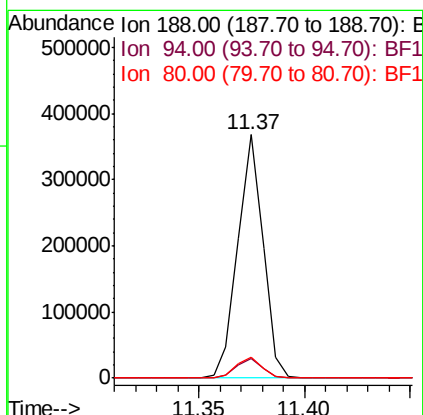
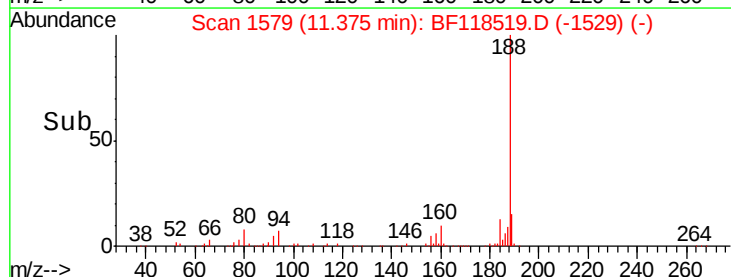
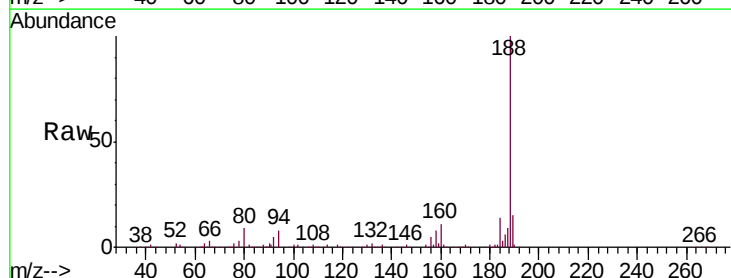
Instrument :
BNA_F
ClientSampleId :
TP-1MS

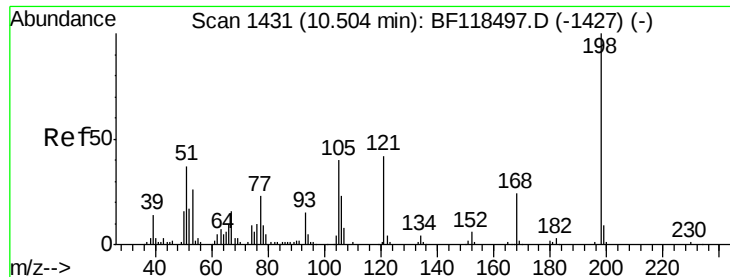
Tgt Ion: 77 Resp: 446378
Ion Ratio Lower Upper
77 100
182 23.7 5.2 45.2
105 21.1 1.7 41.7
51 32.1 11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion: 188 Resp: 304824
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.4
80 8.6 6.6 10.0

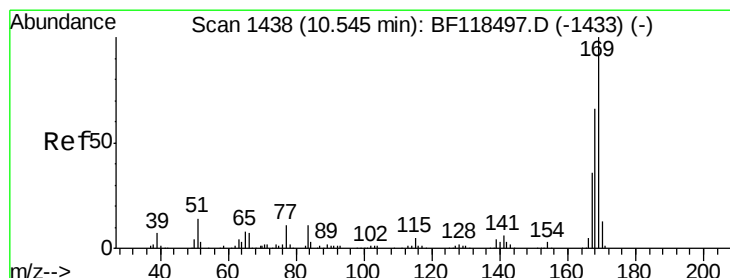
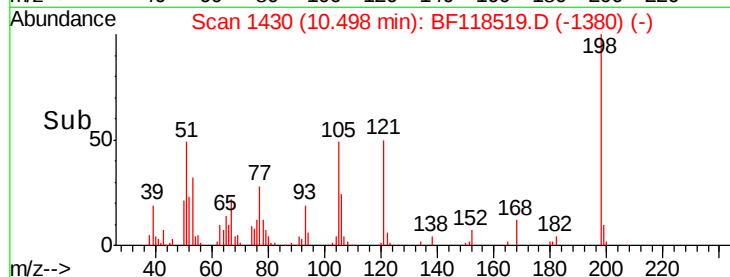
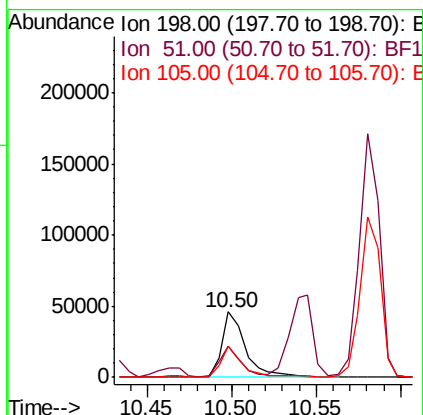
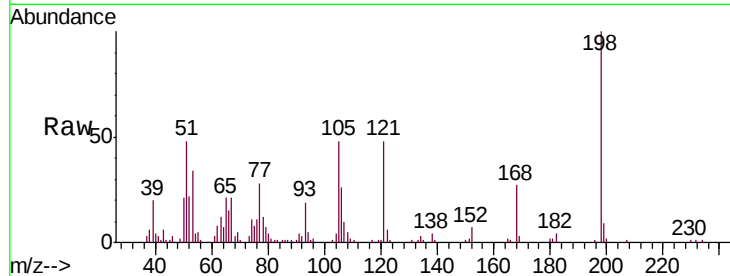




#65
4,6-Dinitro-2-methylphenol
Concen: 28.175 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

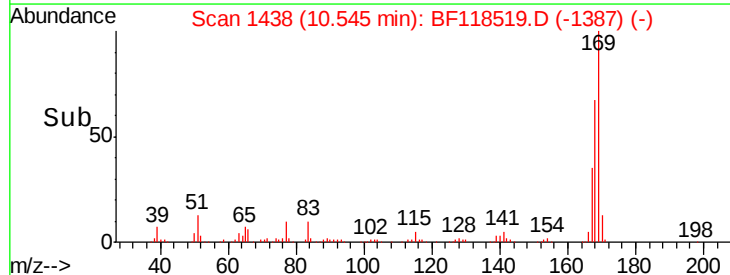
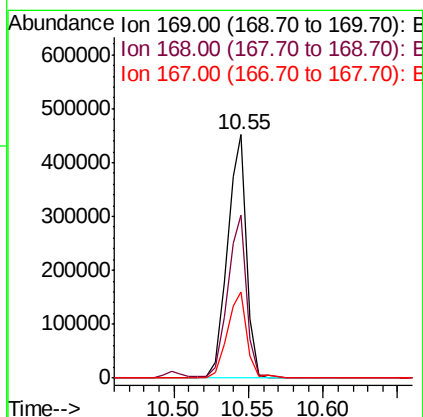
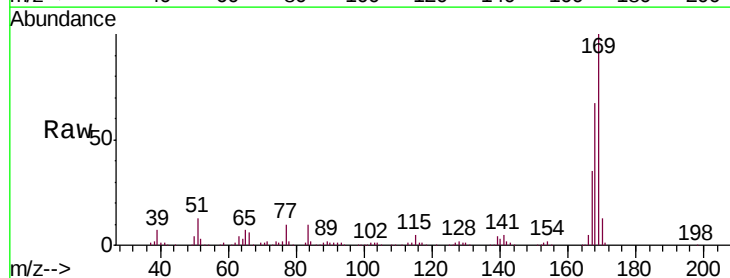
Instrument :
BNA_F
ClientSampleId :
TP-1MS

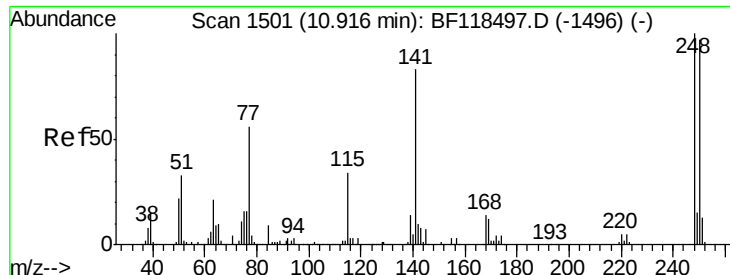
Tgt Ion:198 Resp: 45401
Ion Ratio Lower Upper
198 100
51 47.6 17.8 57.8
105 47.7 20.1 60.1



#66
n-Nitrosodiphenylamine
Concen: 41.056 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:169 Resp: 407551
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 35.2 28.9 43.3

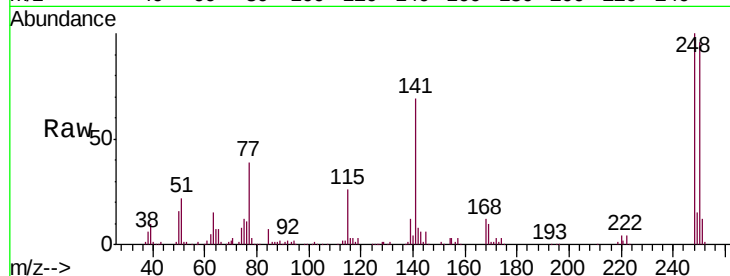




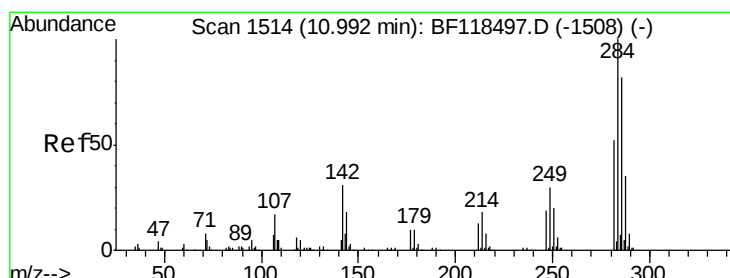
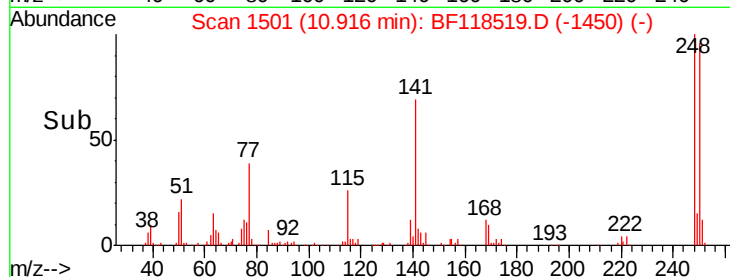
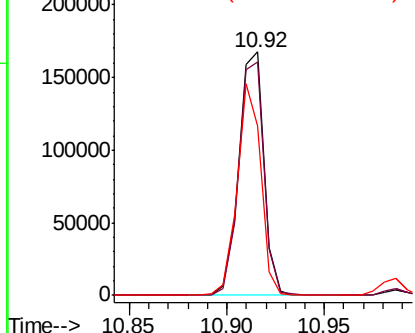
#67
 4-Bromophenyl-phenylether
 Concen: 41.701 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion:248 Resp: 148888
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.4 116.0
 141 69.4 66.2 99.4

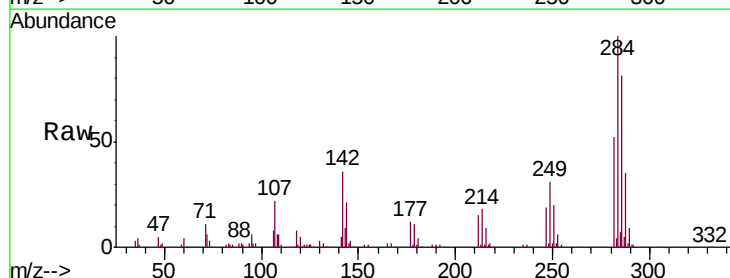


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

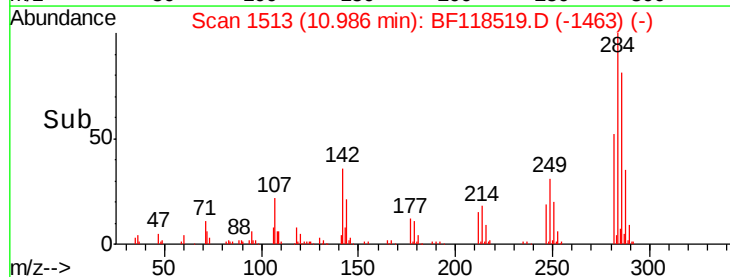
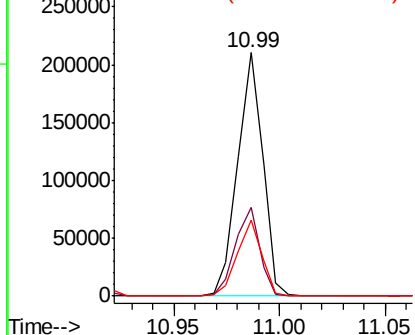


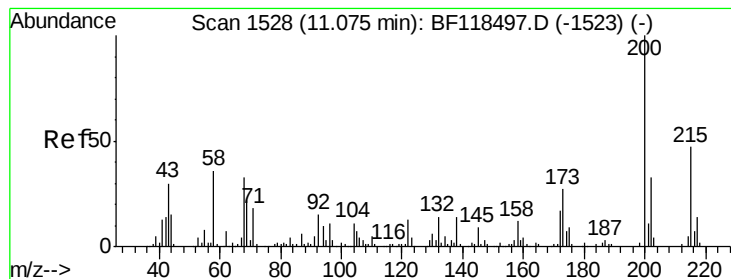
#68
 Hexachlorobenzene
 Concen: 40.458 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion:284 Resp: 172499
 Ion Ratio Lower Upper
 284 100
 142 36.2 24.6 37.0
 249 31.0 24.0 36.0



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

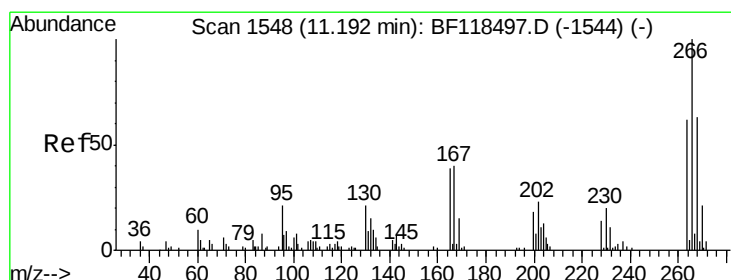
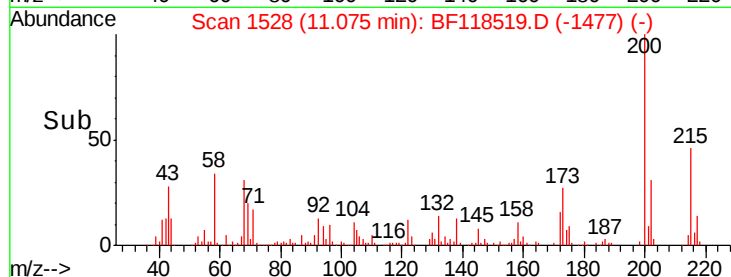
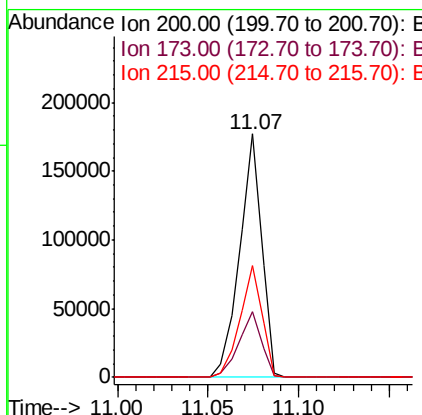
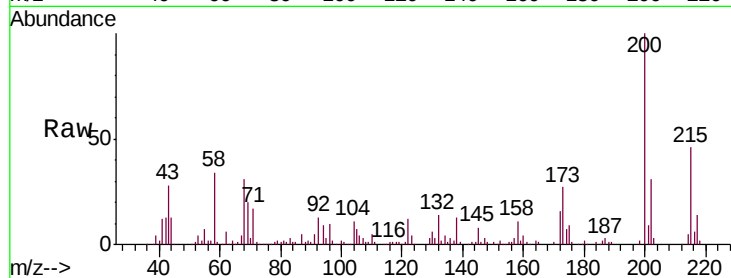




#69
 Atrazine
 Concen: 50.944 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

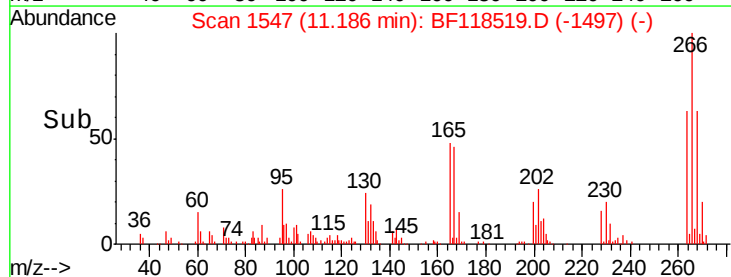
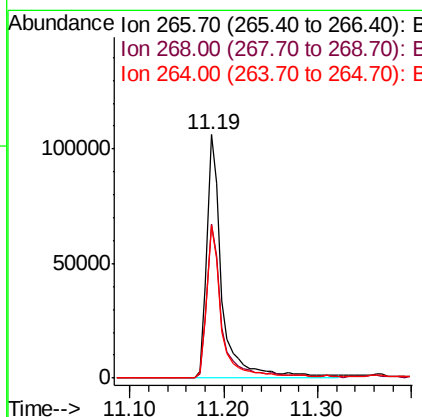
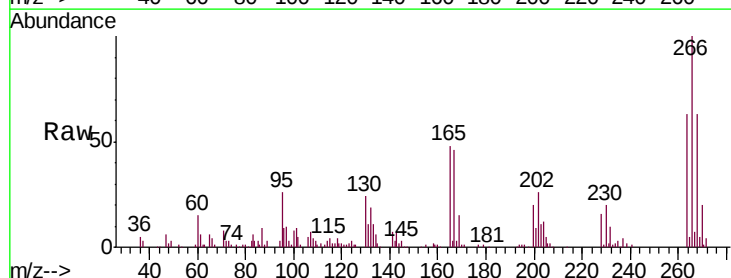
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

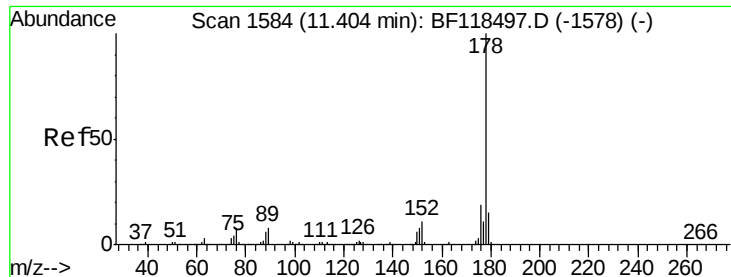
Tgt Ion: 200 Resp: 150268
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.0 47.0
 215 45.7 27.0 67.0



#70
 Pentachlorophenol
 Concen: 87.475 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion: 266 Resp: 122718
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.2 75.2
 264 62.7 49.4 74.0

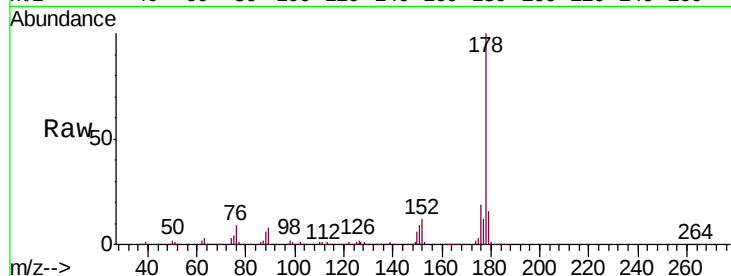




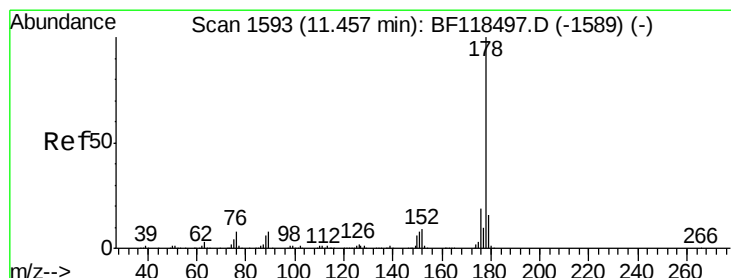
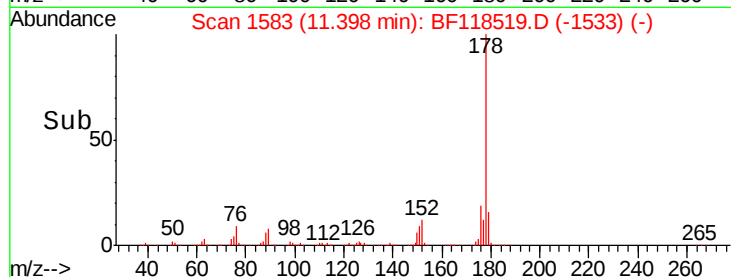
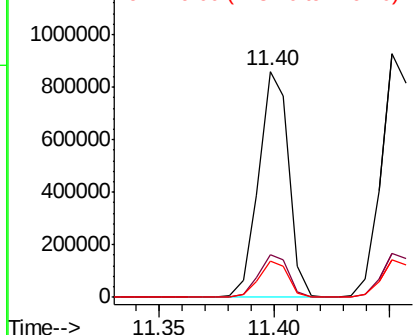
#71
Phenanthrene
Concen: 45.792 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:178 Resp: 781934
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 16.0 12.3 18.5

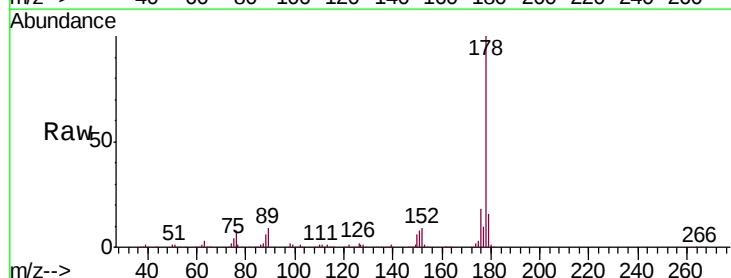


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

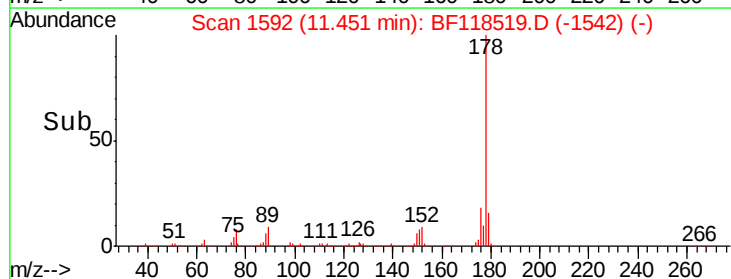
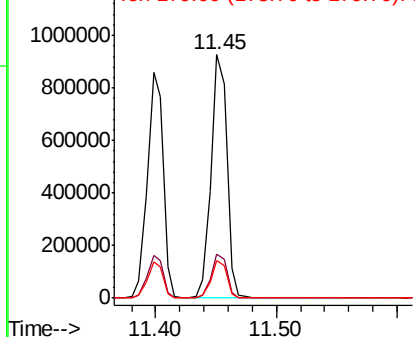


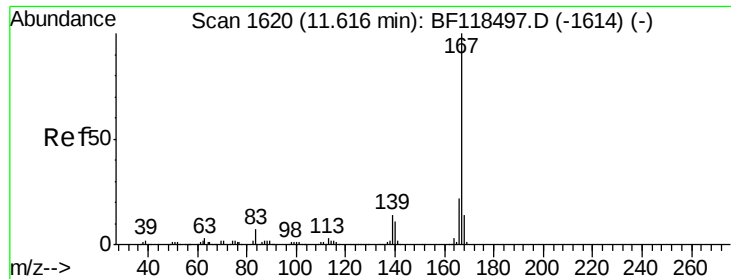
#72
Anthracene
Concen: 49.009 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:178 Resp: 832561
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 15.6 12.6 19.0



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

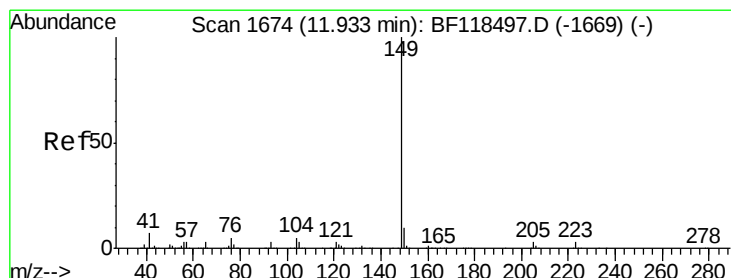
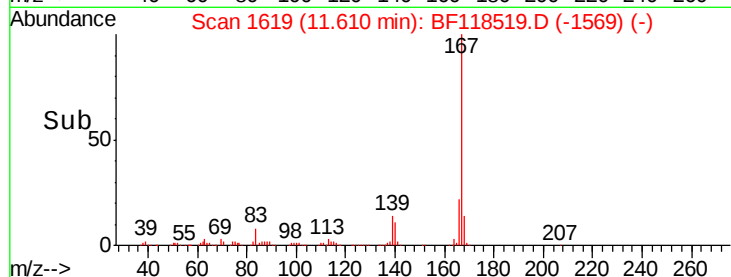
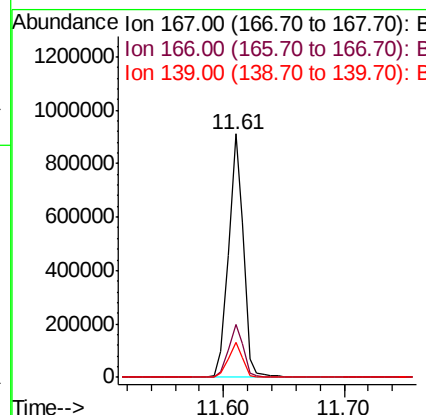
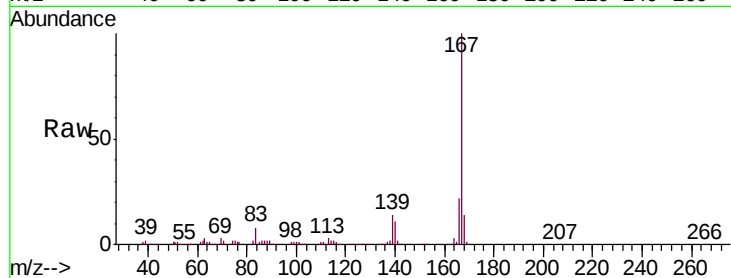




#73
 Carbazole
 Concen: 52.214 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

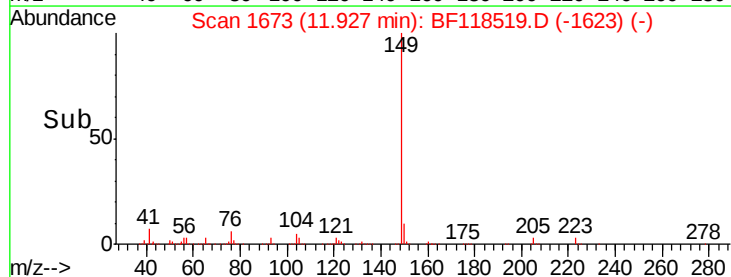
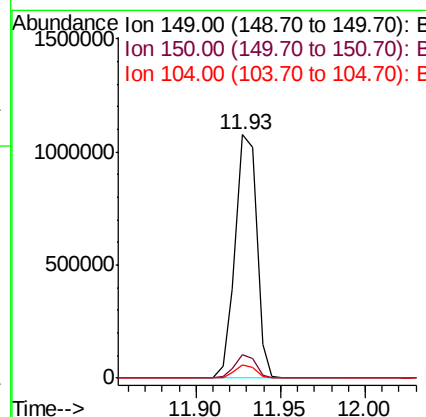
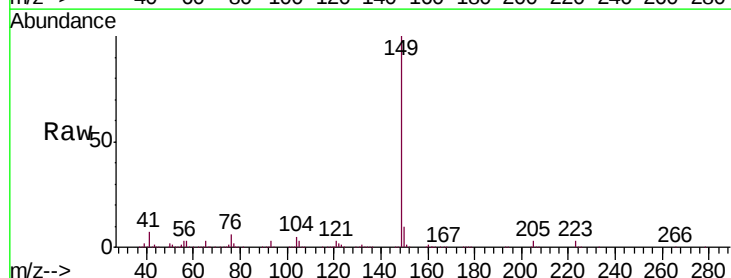
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

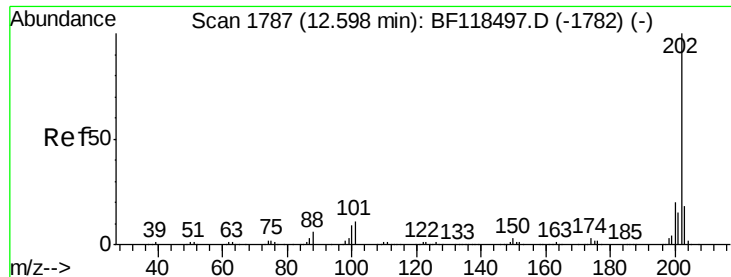
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	14.1	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 48.669 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	5.5	4.2	6.4

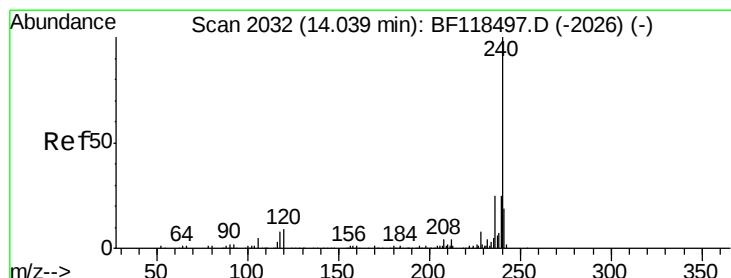
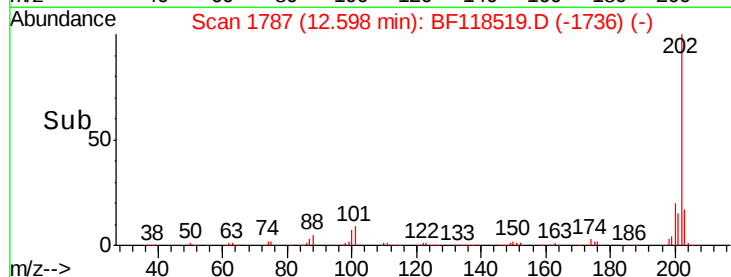
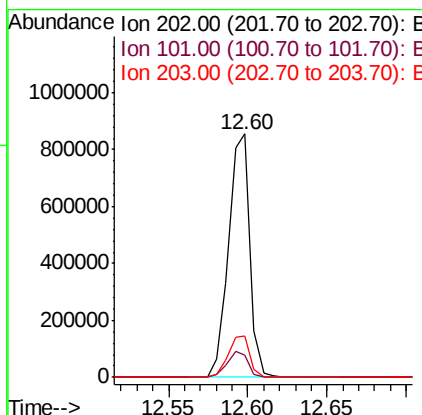
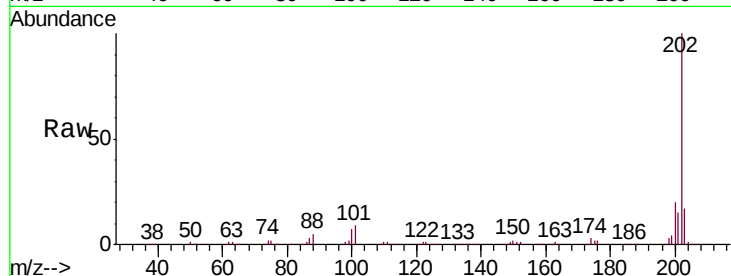




#75
 Fluoranthene
 Concen: 45.734 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

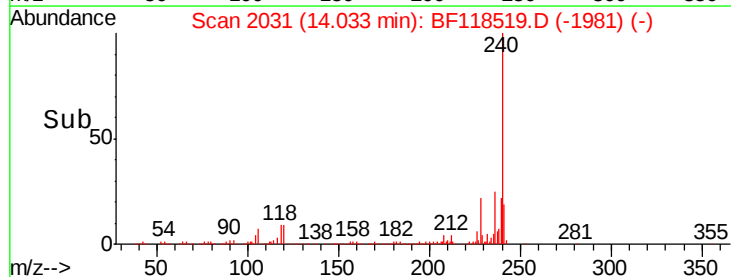
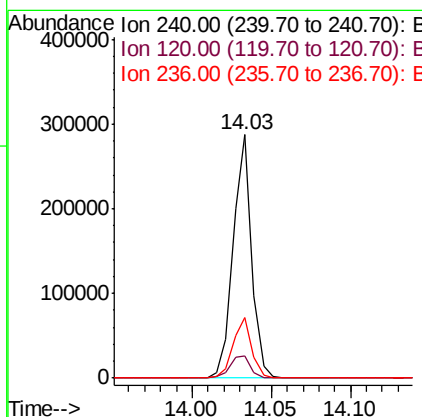
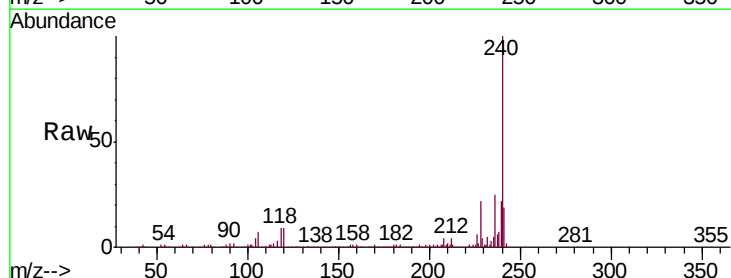
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

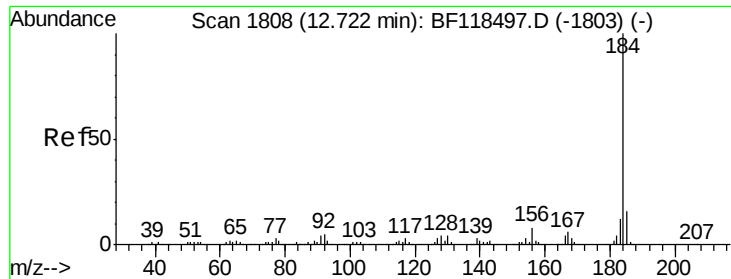
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.4
203	17.2	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118519.D
 Acq: 10 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.0	10.6
236	25.0	20.1	30.1

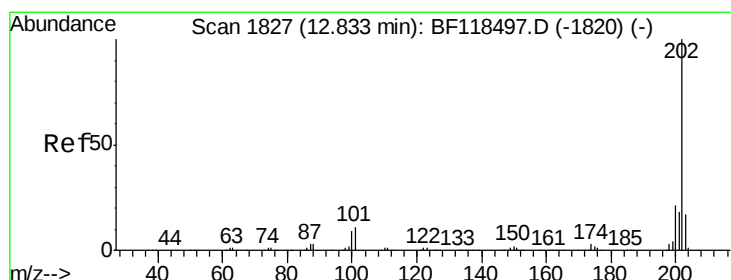
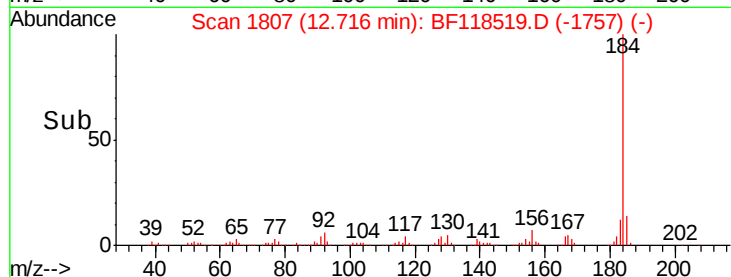
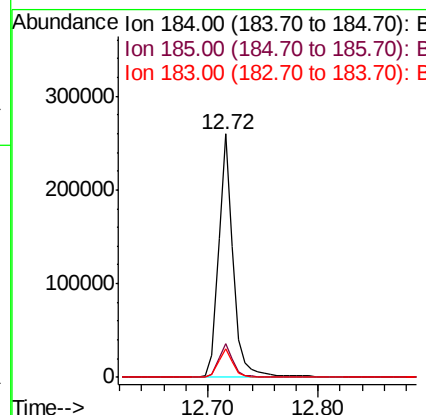
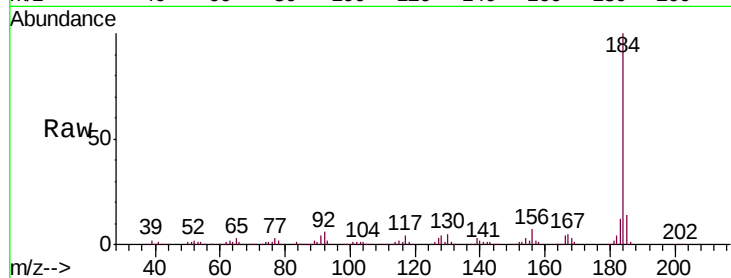




#77
Benzidine
Concen: 42.955 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

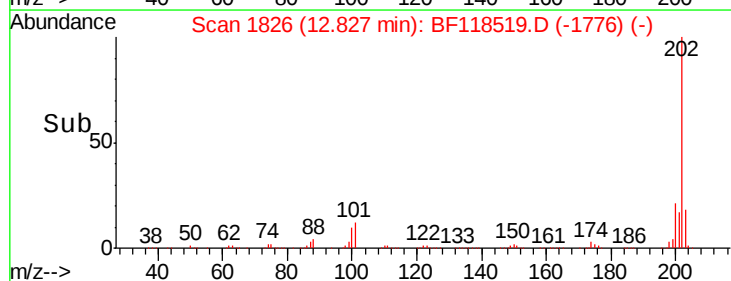
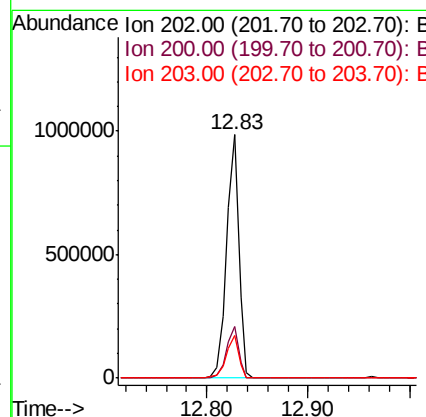
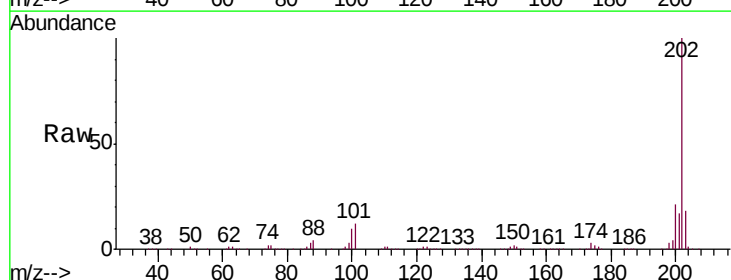
Instrument :
BNA_F
ClientSampleId :
TP-1MS

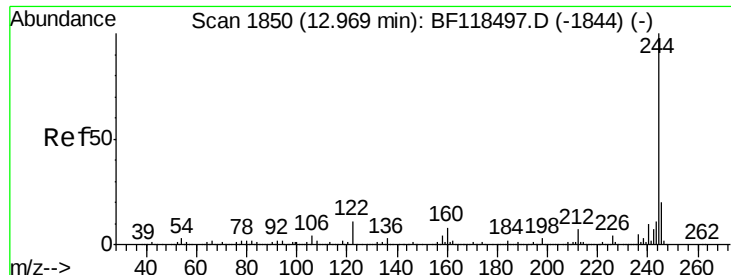
Tgt Ion:184 Resp: 234402
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.7 9.3 13.9



#78
Pyrene
Concen: 43.469 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:202 Resp: 827013
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 93.743 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

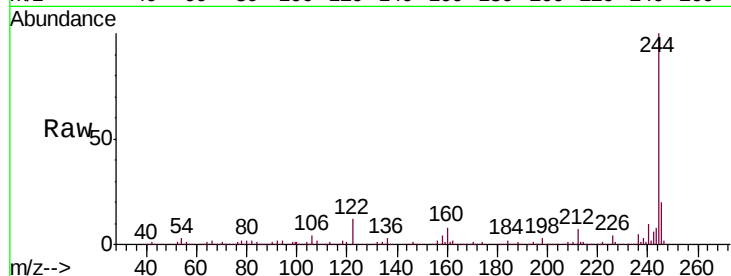
Tgt Ion:244 Resp: 1367915

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

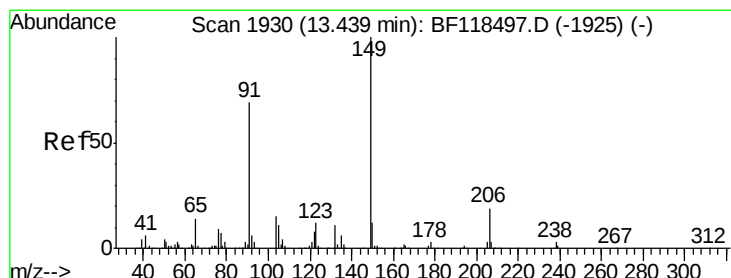
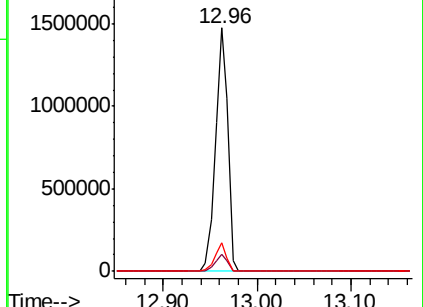
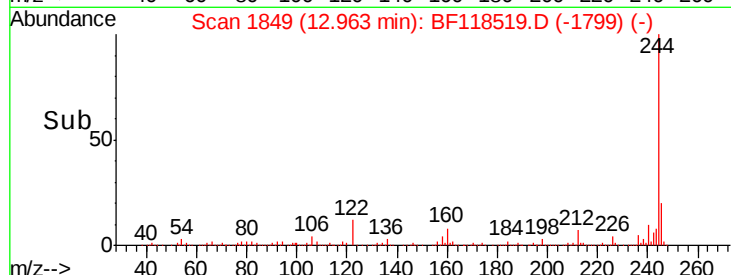
122 11.9 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.391 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

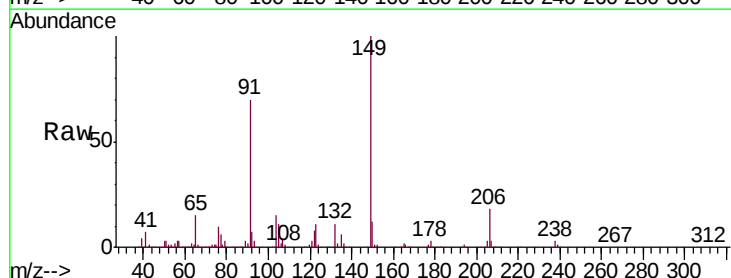
Tgt Ion:149 Resp: 378070

Ion Ratio Lower Upper

149 100

91 70.3 55.2 82.8

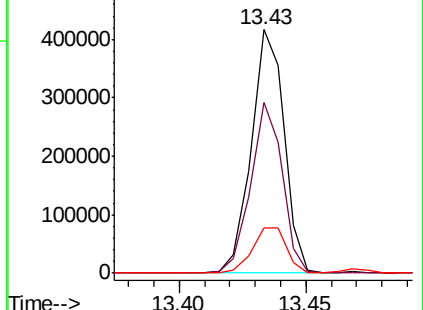
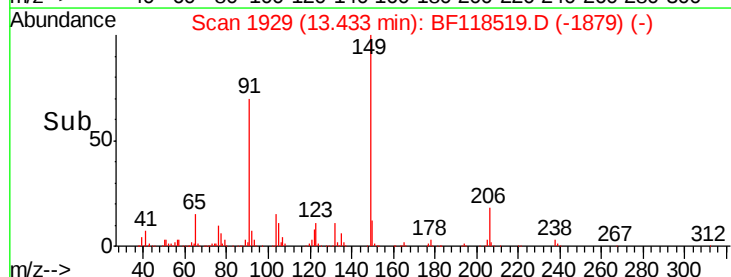
206 18.5 15.1 22.7

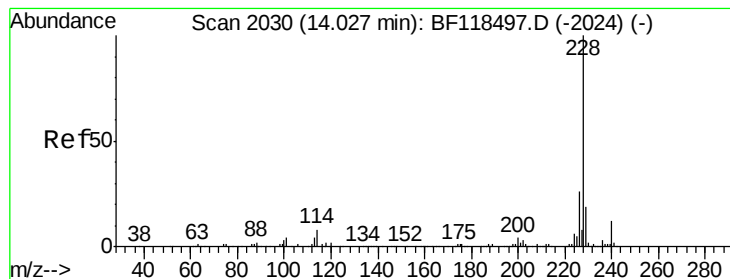


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.802 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

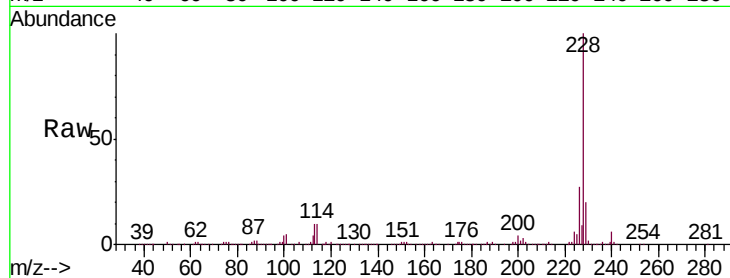
Tgt Ion:228 Resp: 725145

Ion Ratio Lower Upper

228 100

226 26.6 20.7 31.1

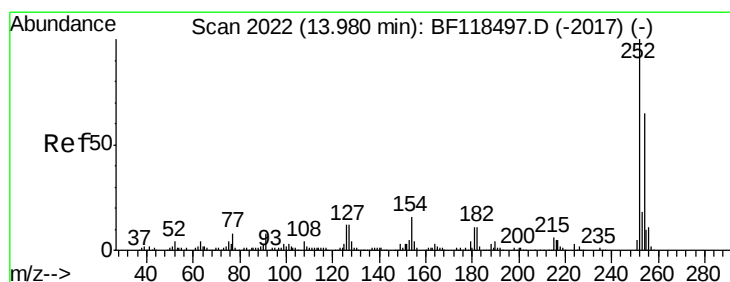
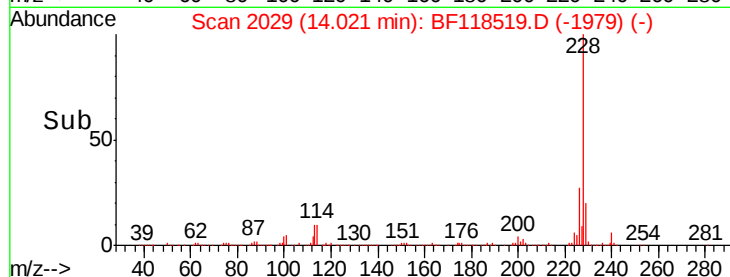
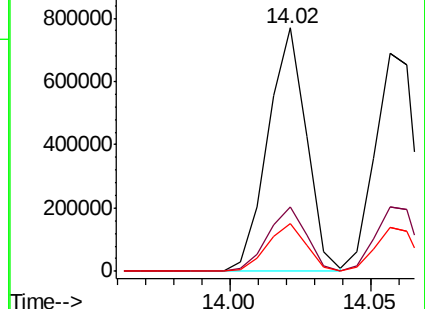
229 19.9 15.4 23.2



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: 10.860 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

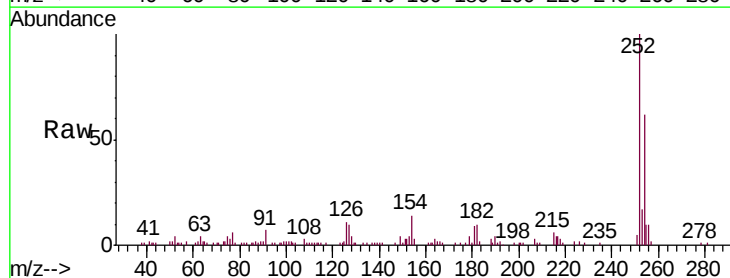
Tgt Ion:252 Resp: 57162

Ion Ratio Lower Upper

252 100

254 61.9 52.1 78.1

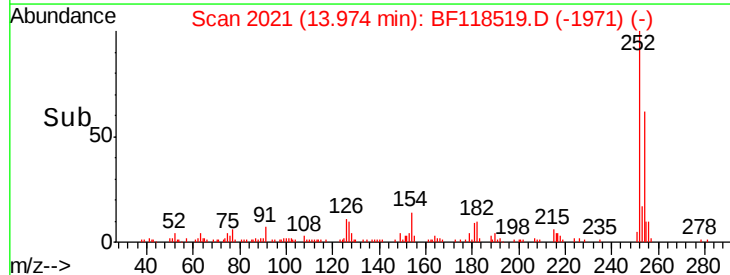
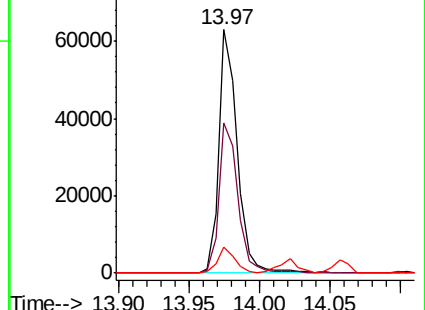
126 10.8 9.6 14.4

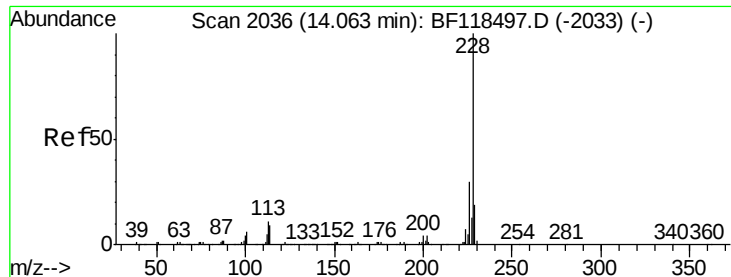


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.543 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

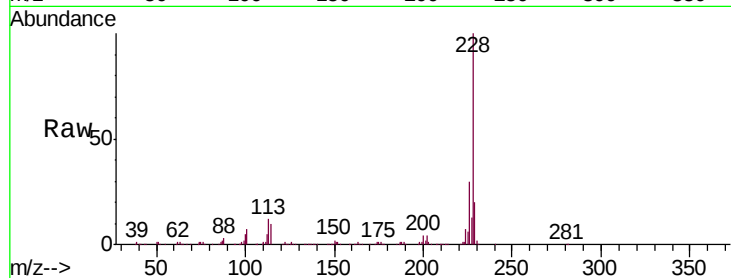
Tgt Ion:228 Resp: 669123

Ion Ratio Lower Upper

228 100

226 29.7 23.6 35.4

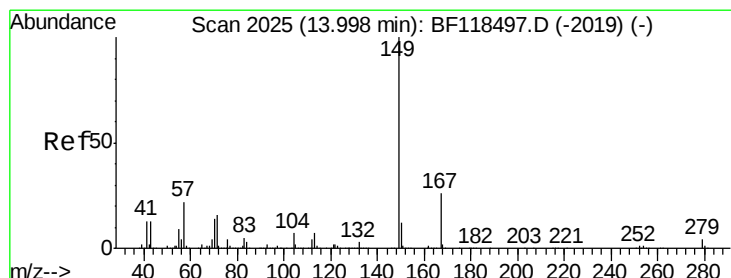
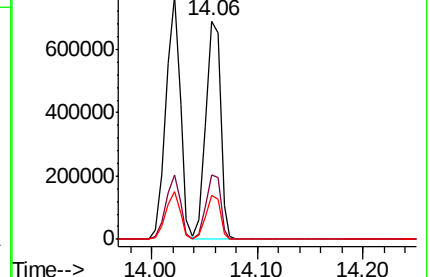
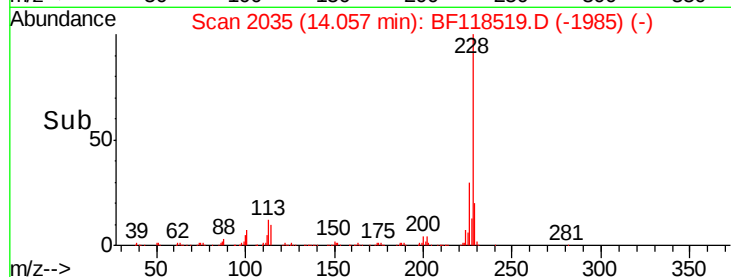
229 20.0 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.402 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

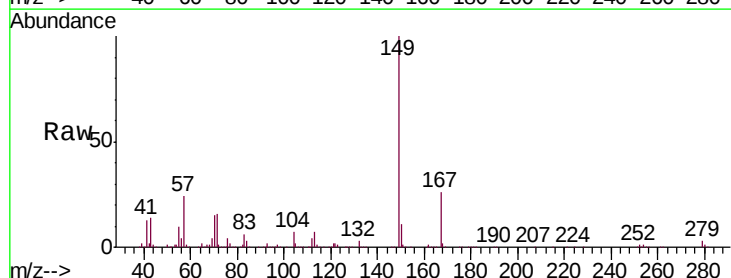
Tgt Ion:149 Resp: 525294

Ion Ratio Lower Upper

149 100

167 25.7 20.6 30.8

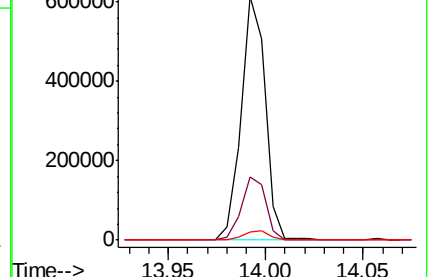
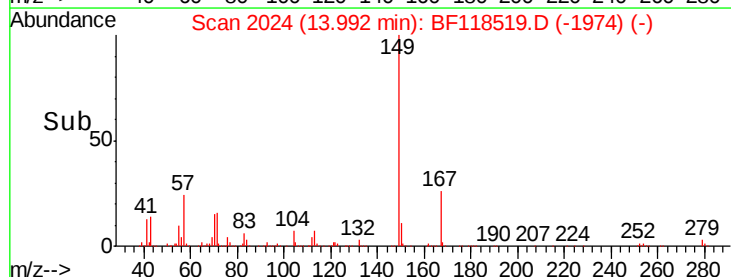
279 3.5 3.1 4.7

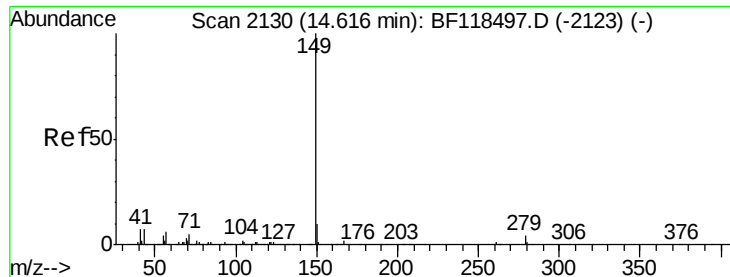


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.670 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

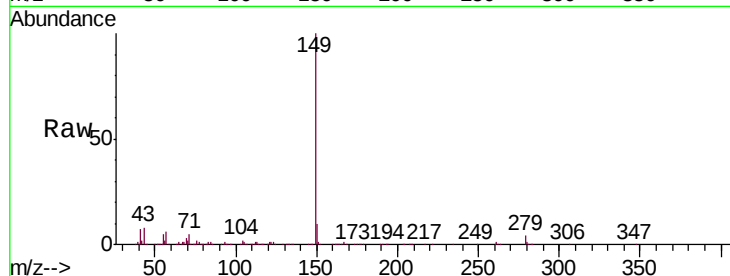
Tgt Ion:149 Resp: 893749

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

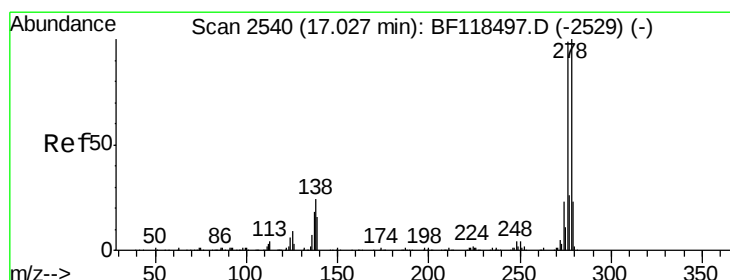
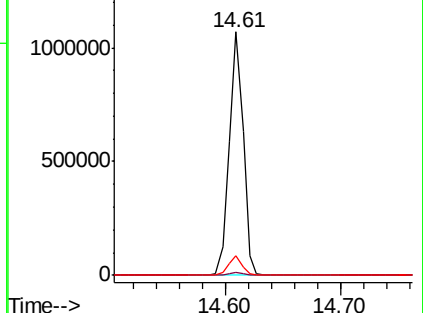
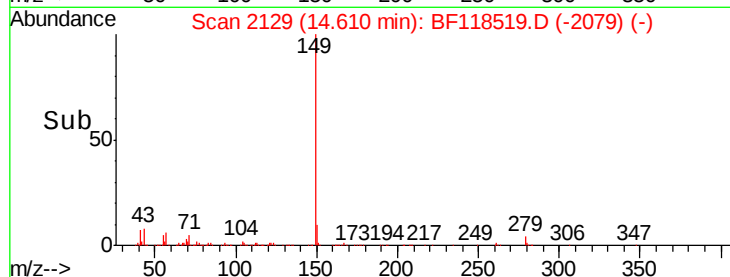
43 7.8 6.4 9.6



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: 51.105 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

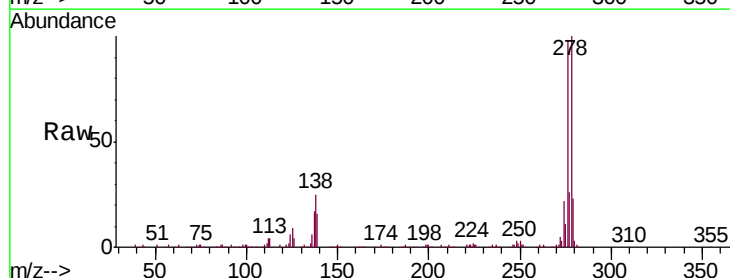
Tgt Ion:276 Resp: 647125

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

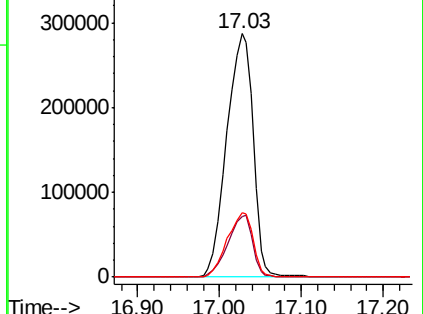
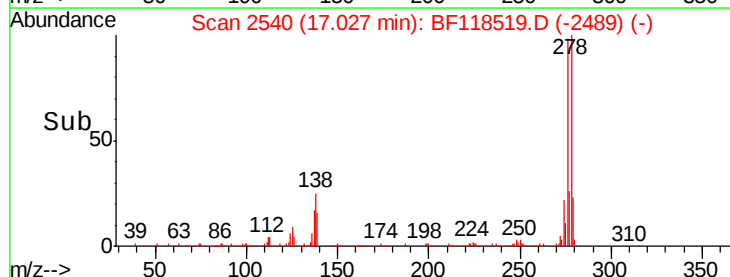
277 25.9 20.5 30.7

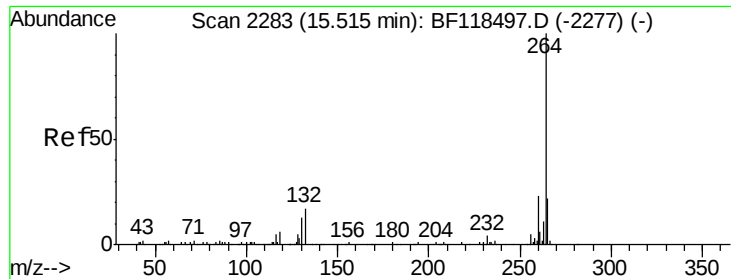


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

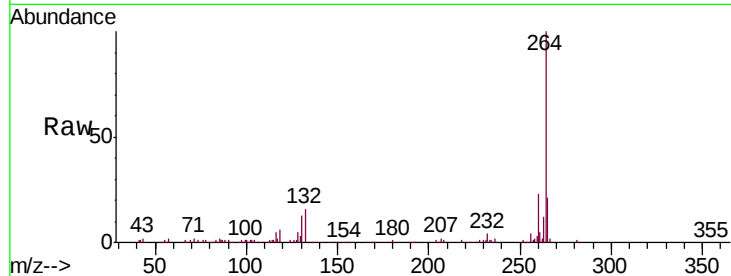
Tgt Ion:264 Resp: 167011

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

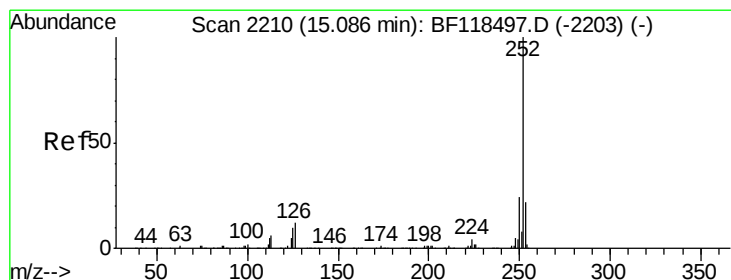
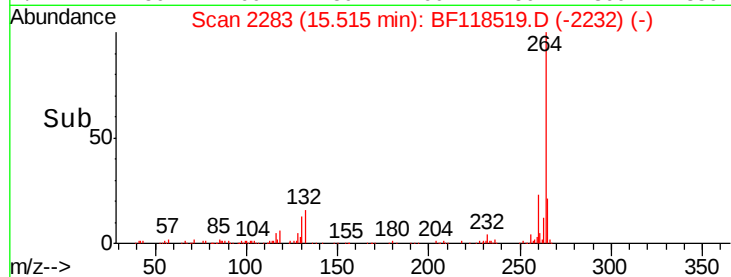
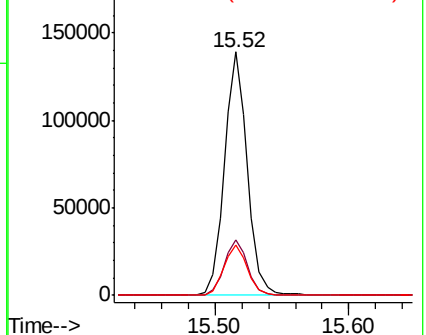
265 20.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.992 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

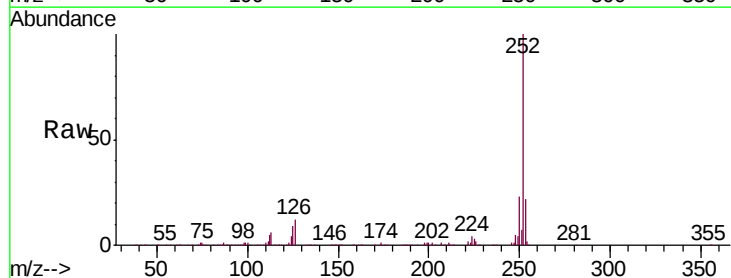
Tgt Ion:252 Resp: 579492

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

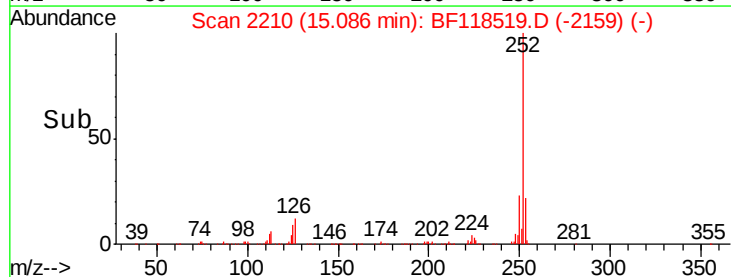
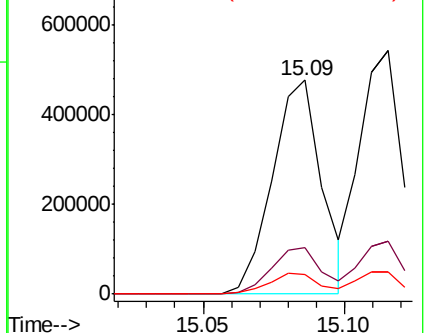
125 9.3 7.8 11.6

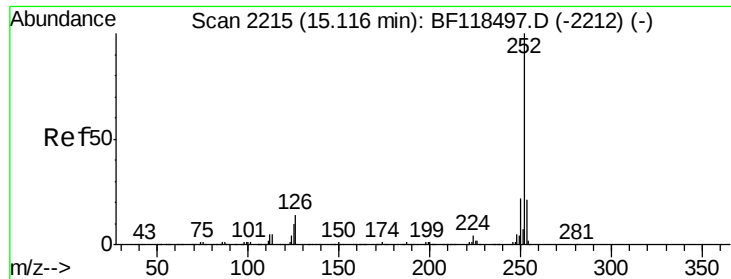


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

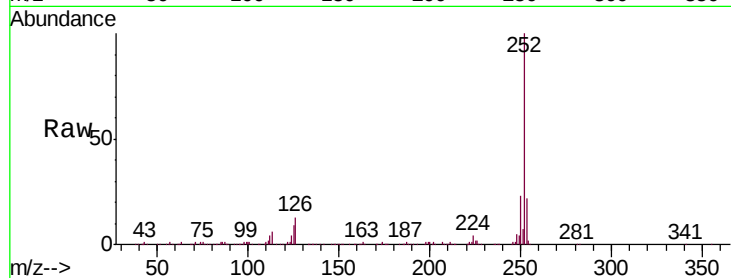




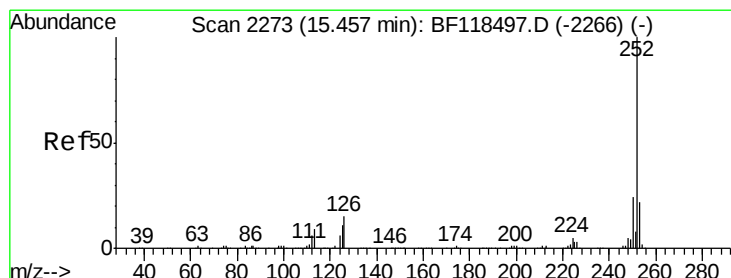
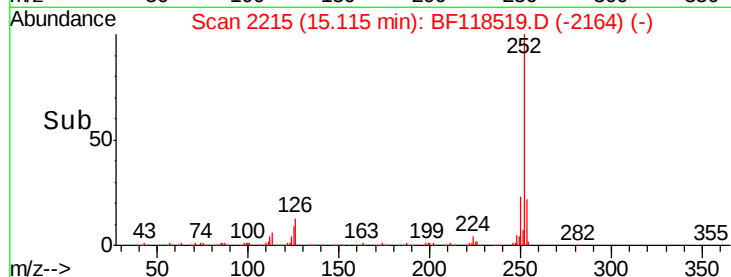
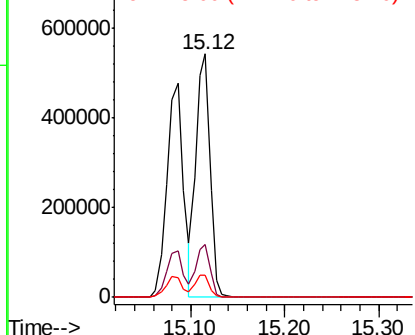
#89
Benzo(k)fluoranthene
Concen: 49.263 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:252 Resp: 567781
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 8.9 7.8 11.6

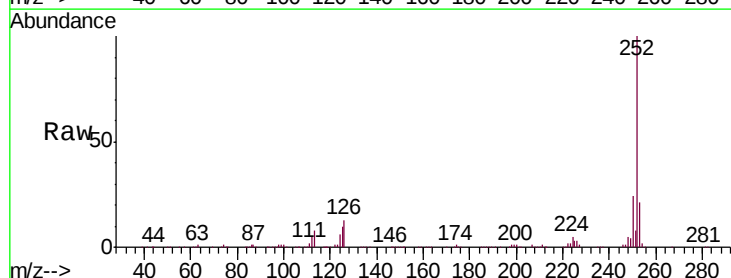


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

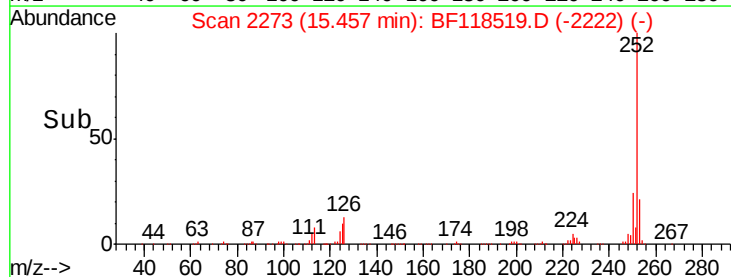
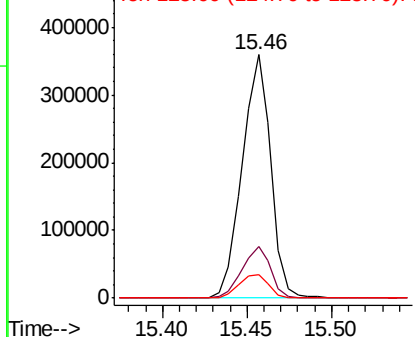


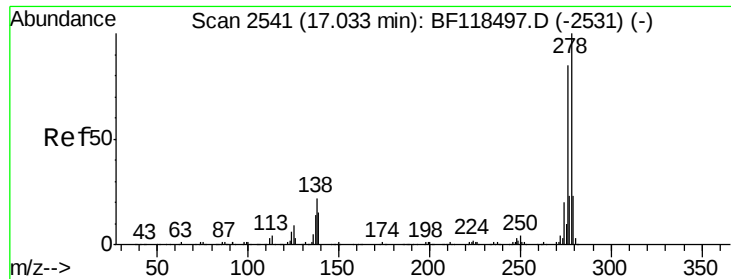
#90
Benzo(a)pyrene
Concen: 42.890 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF118519.D
Acq: 10 Jan 2020 17:20

Tgt Ion:252 Resp: 424401
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 9.6 9.0 13.6



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





#91

Dibenzo(a,h)anthracene

Concen: 59.724 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1MS

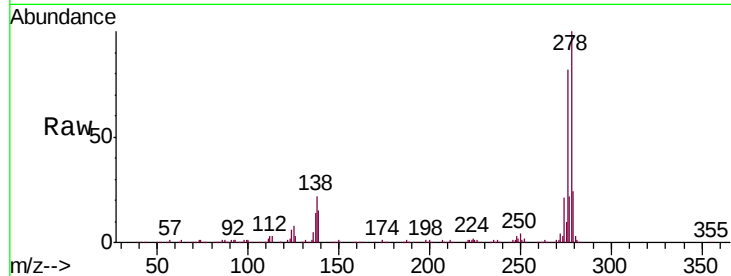
Tgt Ion:278 Resp: 554146

Ion Ratio Lower Upper

278 100

139 14.8 11.9 17.9

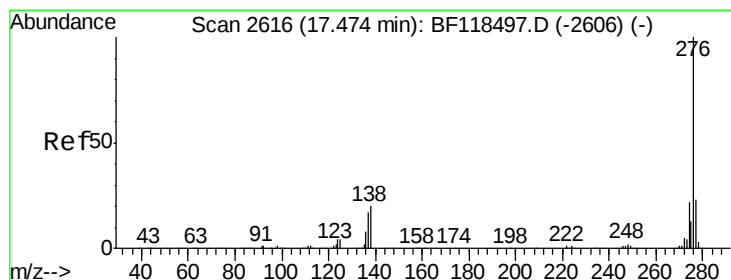
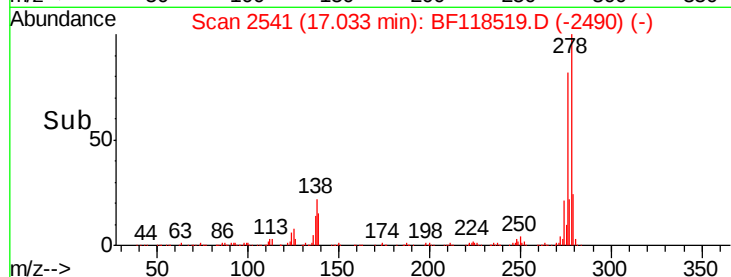
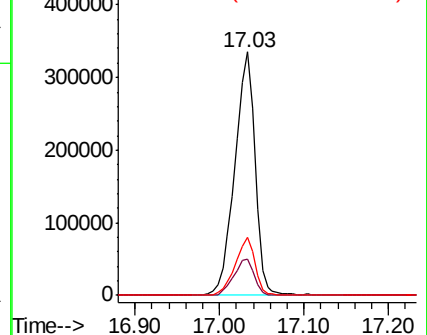
279 23.8 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.197 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.01 min

Lab File: BF118519.D

Acq: 10 Jan 2020 17:20

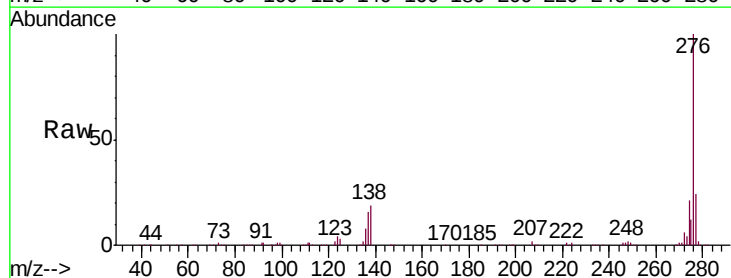
Tgt Ion:276 Resp: 432508

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.4

138 18.9 16.3 24.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

