

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118499.D
 Acq On : 8 Jan 2020 13:41
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 14:29:44 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 14:21:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86892	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	341243	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	177432	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	332483	20.00	ng	0.00
76) Chrysene-d12	14.04	240	214661	20.00	ng	0.00
87) Perylene-d12	15.52	264	176447	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	593808	122.67	ng	0.00
7) Phenol-d6	6.48	99	726215	117.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	733492	116.43	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	254770	117.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1429300	118.92	ng	0.00
79) Terphenyl-d14	12.97	244	1779094	126.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	102038	62.337	ng	99
3) Pyridine	3.30	79	284730	63.275	ng	97
4) n-Nitrosodimethylamine	3.27	42	142956	65.734	ng	96
6) Aniline	6.50	93	452797	59.316	ng	99
8) 2-Chlorophenol	6.62	128	332297	58.894	ng	95
9) Benzaldehyde	6.39	77	166221	48.838	ng	97
10) Phenol	6.49	94	409246	59.427	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	288693	60.545	ng	99
12) 1,3-Dichlorobenzene	6.77	146	380991	57.151	ng	97
13) 1,4-Dichlorobenzene	6.85	146	387658	57.341	ng	98
14) 1,2-Dichlorobenzene	7.01	146	373742	58.905	ng	99
15) Benzyl Alcohol	6.99	79	292073	58.979	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	311330	58.465	ng	94
17) 2-Methylphenol	7.10	107	260815	57.009	ng	95
18) Hexachloroethane	7.35	117	150372	60.499	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	231044	60.099	ng	99
20) 3+4-Methylphenols	7.26	107	347156	57.898	ng	93
22) Acetophenone	7.26	105	489520	55.939	ng	98
24) Nitrobenzene	7.43	77	356352	57.200	ng	97
25) Isophorone	7.67	82	590410	54.972	ng	98
26) 2-Nitrophenol	7.75	139	184841	55.514	ng	95
27) 2,4-Dimethylphenol	7.78	122	243109	55.766	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	392673	57.789	ng	99
29) 2,4-Dichlorophenol	7.99	162	282990	55.050	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	337222	55.436	ng	98
31) Naphthalene	8.15	128	1012731	56.433	ng	99
32) Benzoic acid	7.95	122	170664	56.179	ng	99
33) 4-Chloroaniline	8.20	127	429600	57.086	ng	97
34) Hexachlorobutadiene	8.26	225	208472	57.447	ng	100
35) Caprolactam	8.60	113	70110	43.203	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	302098	55.846	ng	98
37) 2-Methylnaphthalene	8.84	142	697127	56.825	ng	97
38) 1-Methylnaphthalene	8.94	142	661118	56.306	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	327086	60.936	ng	99

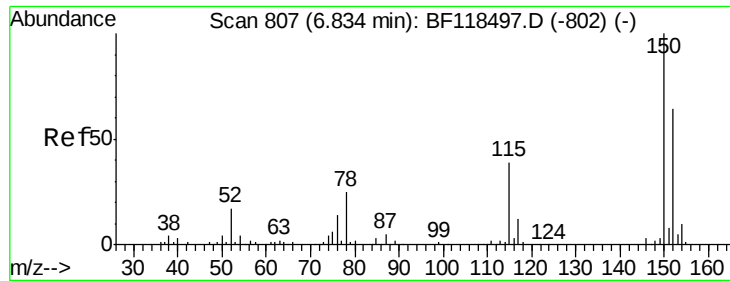
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	80757	83.116	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	194321	56.684	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	205630	58.924	nq	97
46) 1,1'-Biphenyl	9.31	154	820992	57.803	nq	99
47) 2-Chloronaphthalene	9.33	162	640023	56.225	nq	99
48) 2-Nitroaniline	9.44	65	195681	59.495	nq	95
49) Acenaphthylene	9.75	152	939885	55.535	nq	99
50) Dimethylphthalate	9.61	163	788298	57.711	nq	100
51) 2,6-Dinitrotoluene	9.68	165	163921	58.558	nq	99
52) Acenaphthene	9.92	154	596205	55.947	nq	99
53) 3-Nitroaniline	9.86	138	192481	56.179	nq	99
54) 2,4-Dinitrophenol	9.97	184	71086	60.043	nq	94
55) Dibenzofuran	10.10	168	905034	59.985	nq	100
56) 4-Nitrophenol	10.03	139	103785	62.987	nq	93
57) 2,4-Dinitrotoluene	10.09	165	230470	59.841	nq	99
58) Fluorene	10.44	166	730563	59.051	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	175132	60.490	nq	97
60) Diethylphthalate	10.31	149	805136	59.943	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	362891	58.688	nq	94
62) 4-Nitroaniline	10.48	138	193009	55.040	nq	99
63) Azobenzene	10.59	77	684259	59.237	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	109477	57.535	nq	99
66) n-Nitrosodiphenylamine	10.55	169	631770	55.492	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	223856	53.104	nq	98
68) Hexachlorobenzene	10.99	284	270677	53.969	nq	# 93
69) Atrazine	11.08	200	161308	46.075	nq	98
70) Pentachlorophenol	11.19	266	87420	56.092	nq	98
71) Phenanthrene	11.41	178	1075701	58.628	nq	99
72) Anthracene	11.46	178	1072625	57.754	nq	100
73) Carbazole	11.62	167	936002	54.964	nq	100
74) Di-n-butylphthalate	11.94	149	1177443	52.720	nq	100
75) Fluoranthene	12.60	202	1106927	57.260	nq	99
77) Benzidine	12.72	184	297241	48.989	nq	98
78) Pyrene	12.83	202	1116645	60.231	nq	100
80) Butylbenzylphthalate	13.44	149	501072	61.347	nq	96
81) Benzo(a)anthracene	14.03	228	873814	57.214	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	284466	58.710	nq	99
83) Chrysene	14.07	228	835754	57.080	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	656317	64.220	nq	98
85) Di-n-octyl phthalate	14.62	149	863293	54.894	nq	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	749144	71.616	nq	100
88) Benzo(b)fluoranthene	15.09	252	735147	59.897	nq	99
89) Benzo(k)fluoranthene	15.12	252	672981	55.713	nq	98
90) Benzo(a)pyrene	15.46	252	668162	59.709	nq	99
91) Dibenzo(a,h)anthracene	17.04	278	619842	71.030	nq	99
92) Benzo(g,h,i)perylene	17.49	276	591594	65.353	nq	98

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

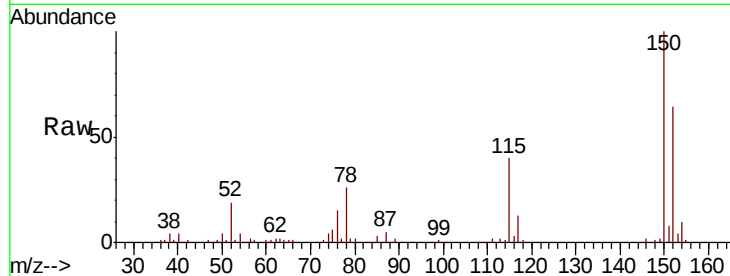


#1

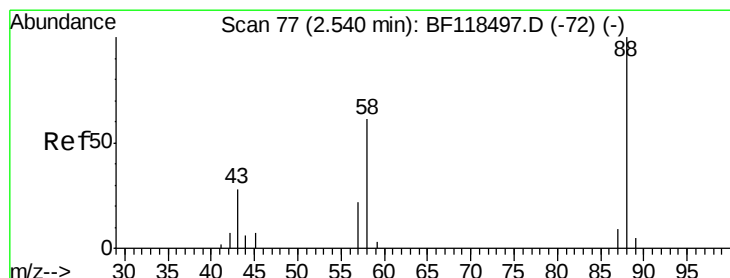
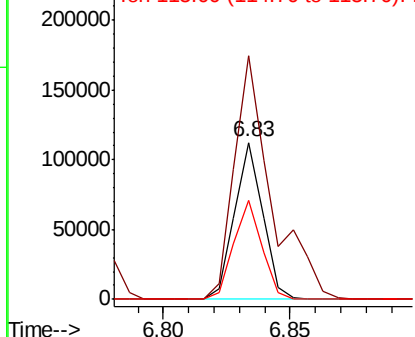
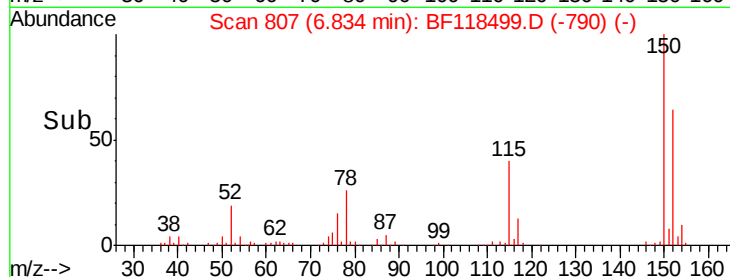
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86892
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 62.7 49.0 73.6



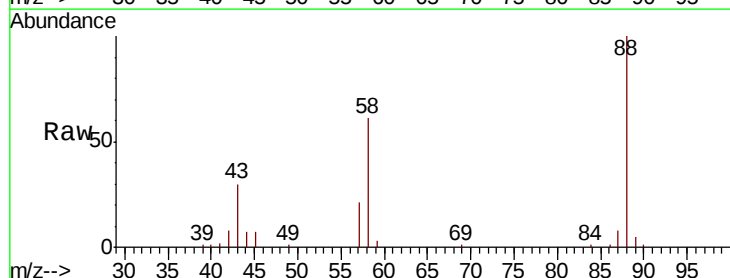
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



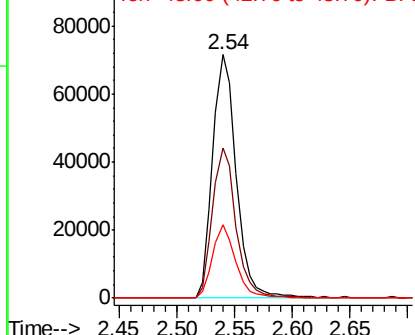
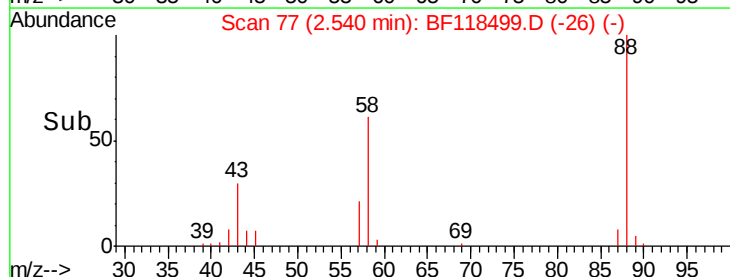
#2

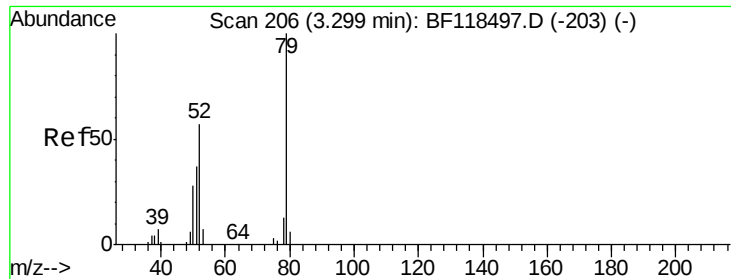
1,4-Dioxane
Concen: 62.337 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion: 88 Resp: 102038
Ion Ratio Lower Upper
88 100
58 61.6 48.3 72.5
43 29.5 23.4 35.0



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





#3

Pvridine

Concen: 63.275 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.00 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampled :

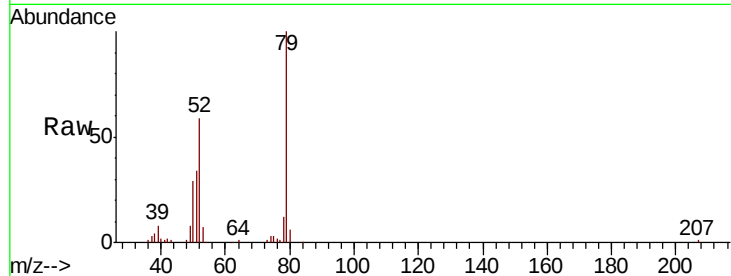
Tot Ion: 79 Resp: 284730

Ion Ratio Lower Upper

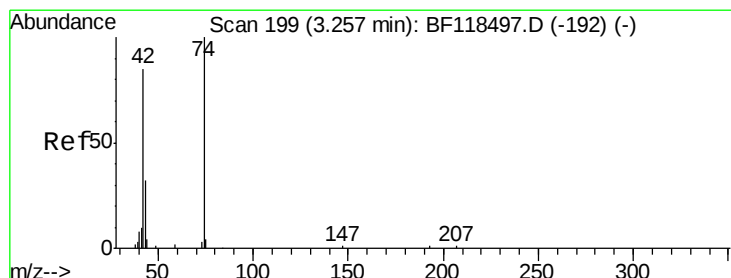
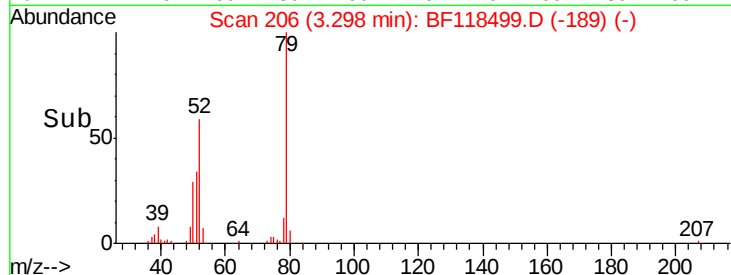
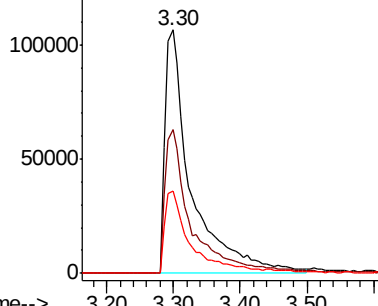
79 100

52 58.9 45.9 68.9

51 34.1 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: 65.734 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

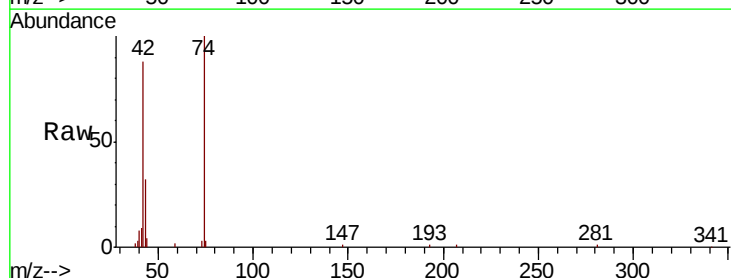
Tgt Ion: 42 Resp: 142956

Ion Ratio Lower Upper

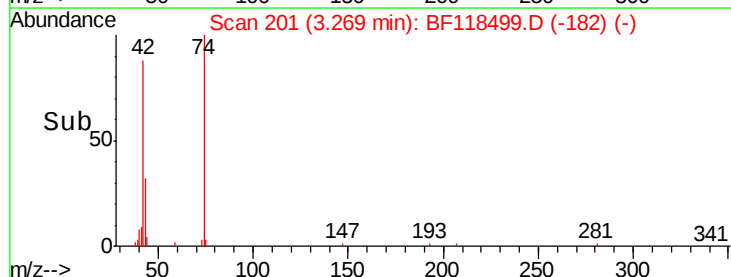
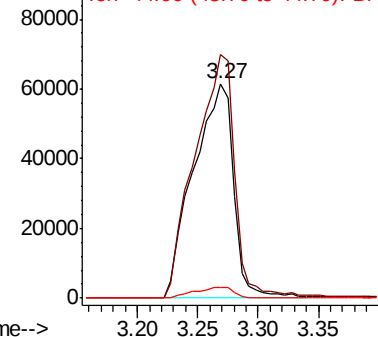
42 100

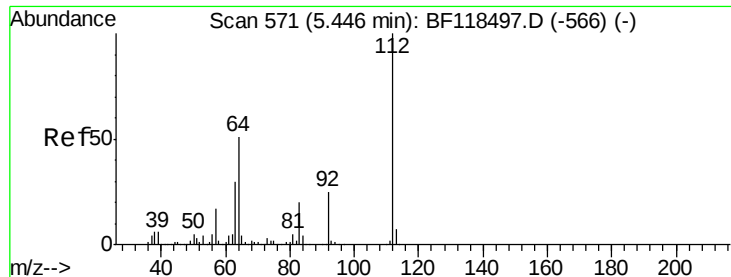
74 113.6 94.1 141.1

44 4.8 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: 122.674 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

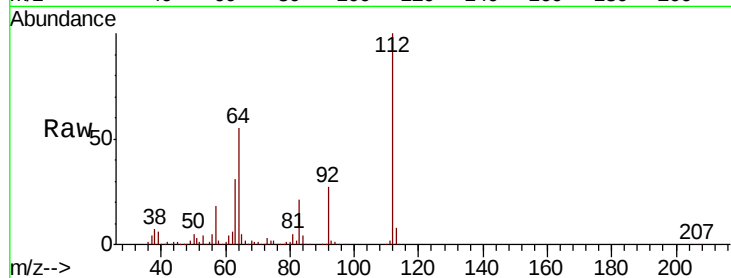
Tot Ion:112 Resp: 593808

Ion Ratio Lower Upper

112 100

64 55.2 41.1 61.7

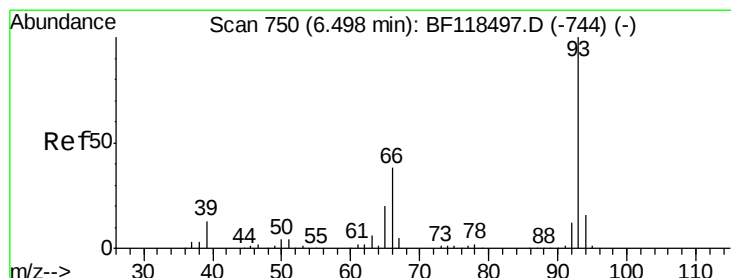
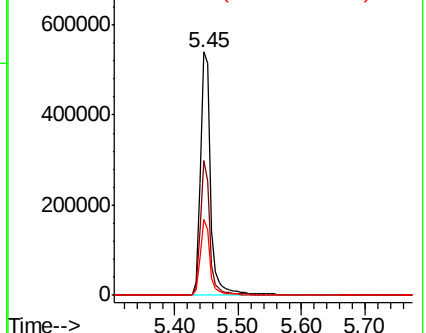
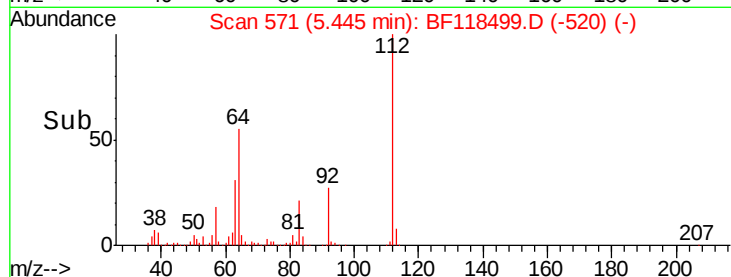
63 31.2 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 59.316 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

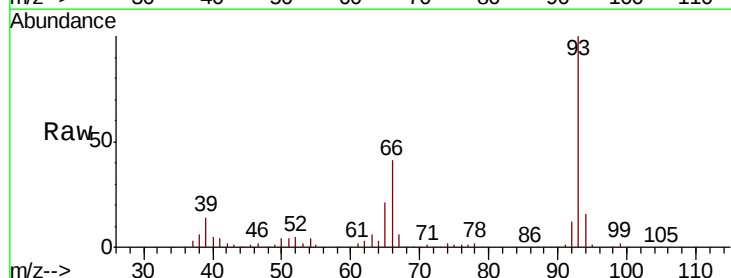
Tgt Ion: 93 Resp: 452797

Ion Ratio Lower Upper

93 100

66 40.9 33.4 50.0

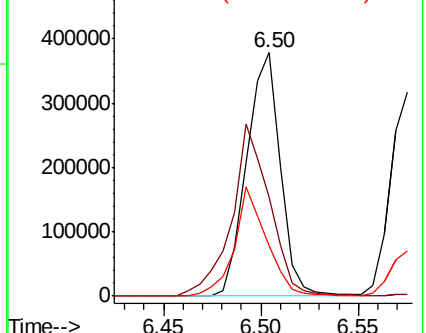
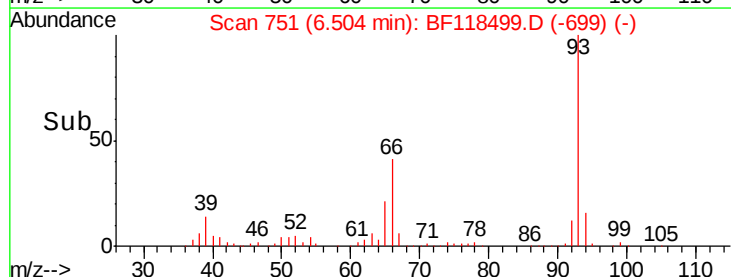
65 20.7 16.7 25.1

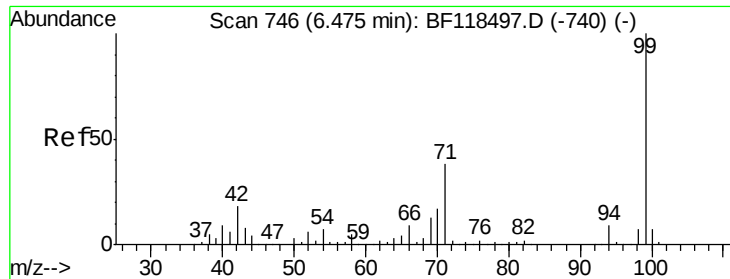


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.541 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

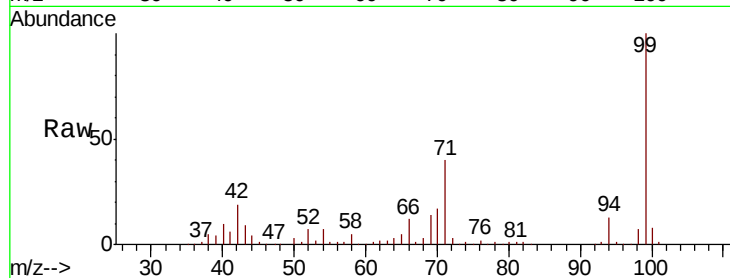
Tot Ion: 99 Resp: 726215

Ion Ratio Lower Upper

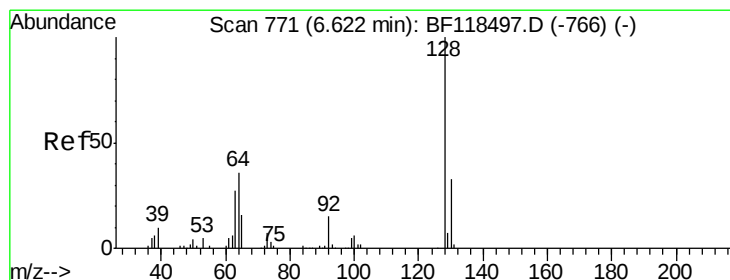
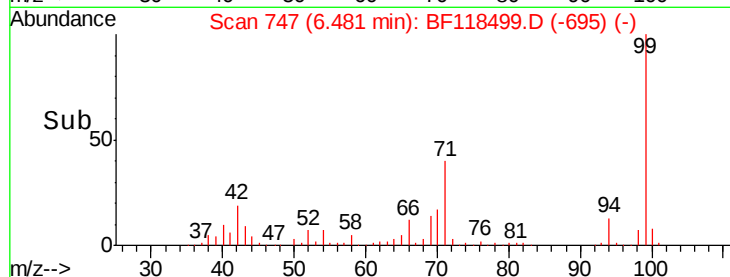
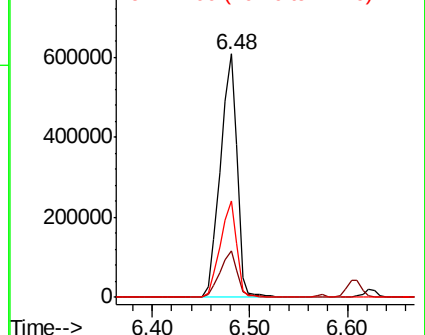
99 100

42 19.2 14.5 21.7

71 39.6 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: 58.894 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

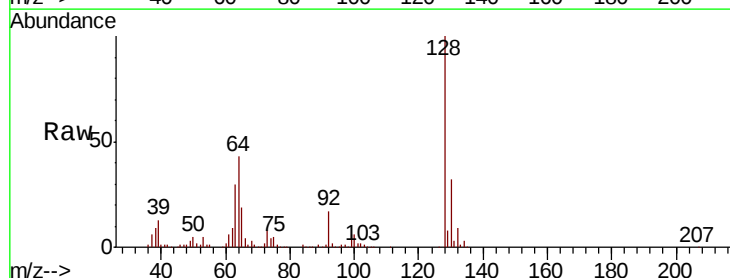
Tgt Ion:128 Resp: 332297

Ion Ratio Lower Upper

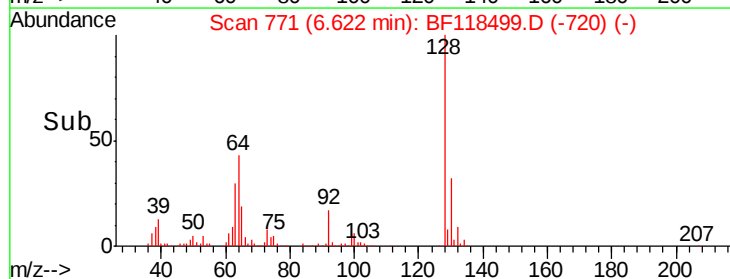
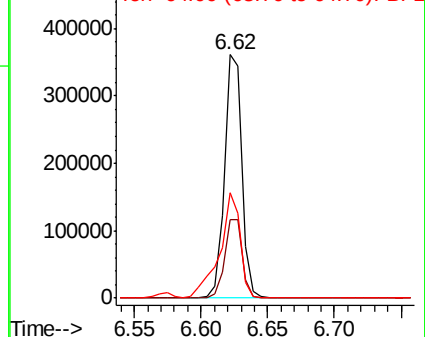
128 100

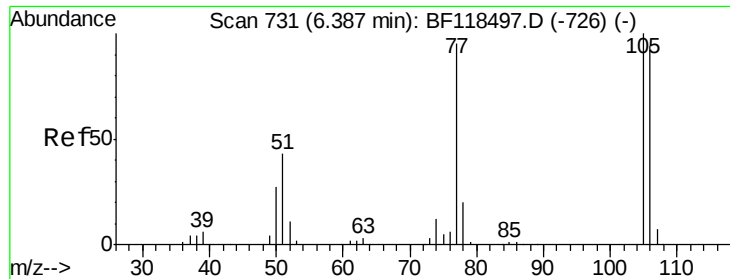
130 32.2 12.7 52.7

64 43.4 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: 48.838 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

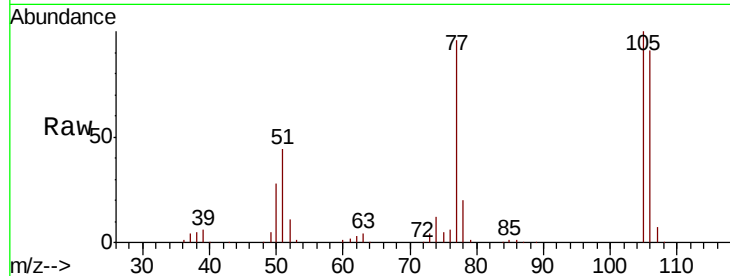
Tot Ion: 77 Resp: 166221

Ion Ratio Lower Upper

77 100

105 104.5 85.4 125.4

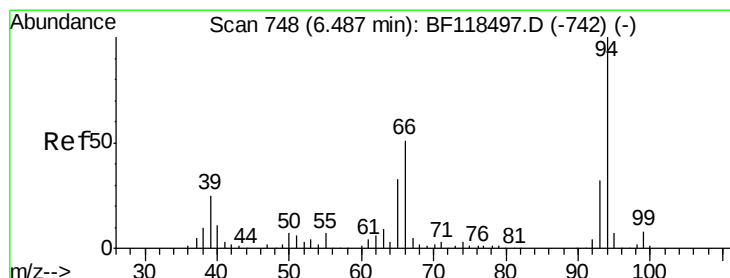
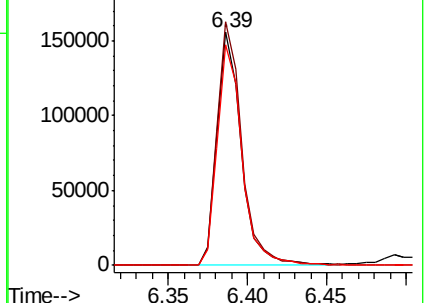
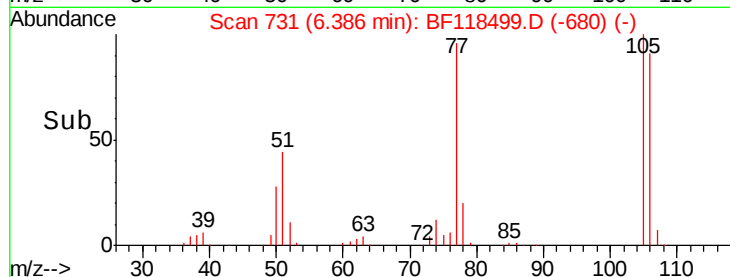
106 94.8 79.5 119.5



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: 59.427 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

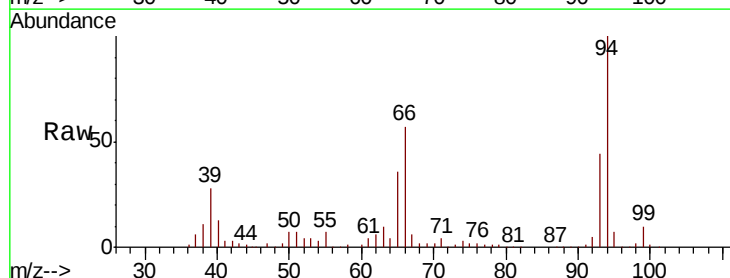
Tgt Ion: 94 Resp: 409246

Ion Ratio Lower Upper

94 100

65 36.0 13.3 53.3

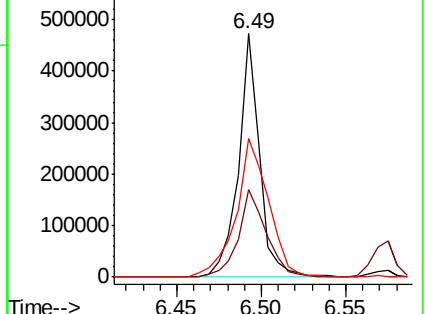
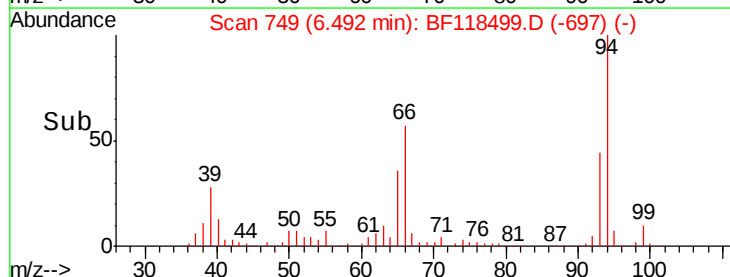
66 56.7 30.9 70.9

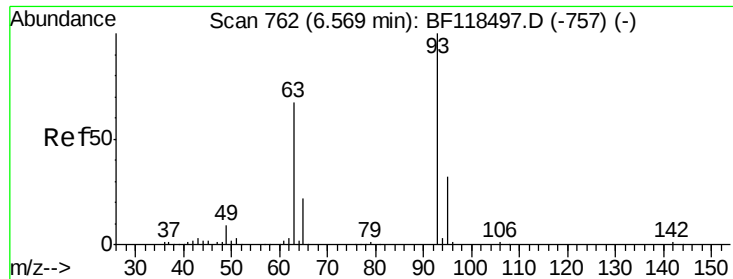


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

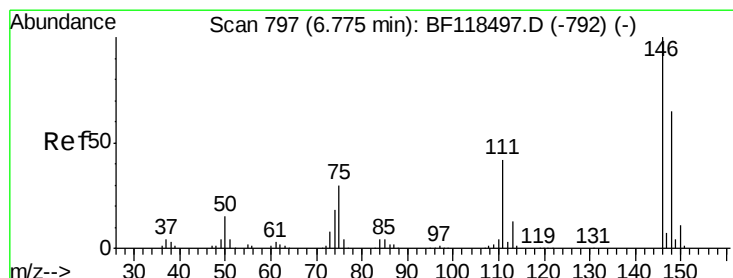
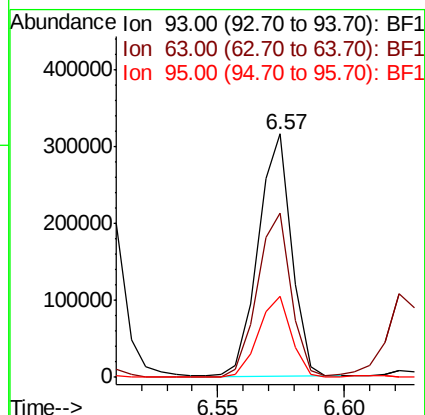
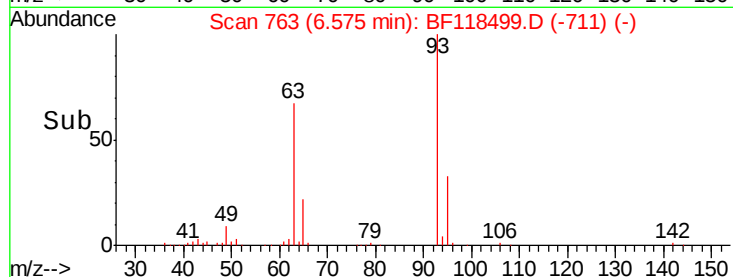
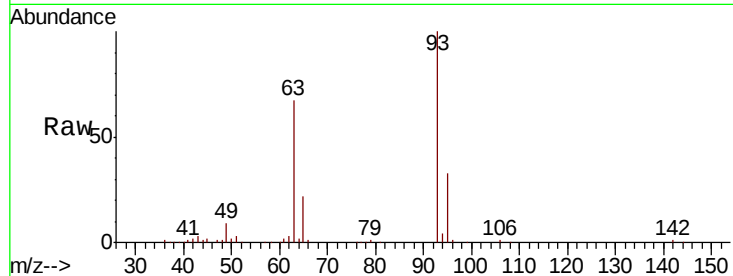




#11
bis(2-Chloroethyl)ether
Concen: 60.545 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

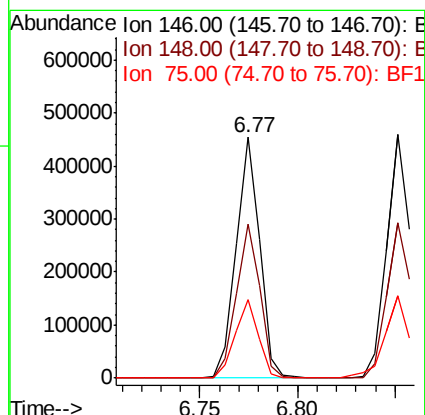
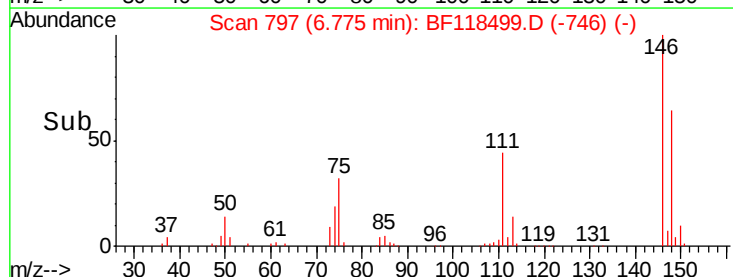
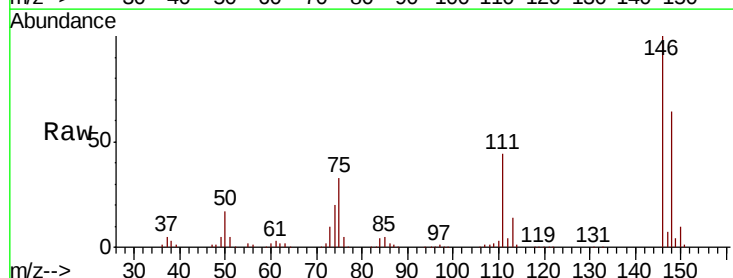
Instrument :
BNA_F
ClientSampleId :

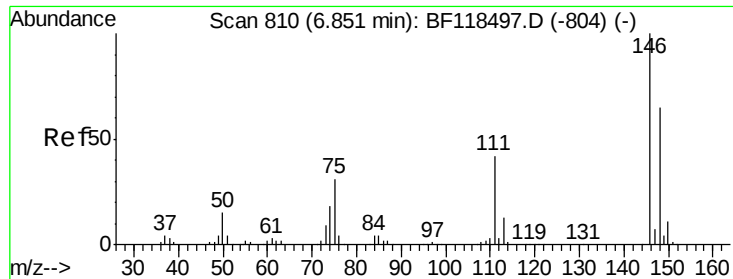
Tot Ion: 93 Resp: 288693
Ion Ratio Lower Upper
93 100
63 67.2 46.6 86.6
95 33.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 57.151 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion: 146 Resp: 380991
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
75 32.5 24.1 36.1

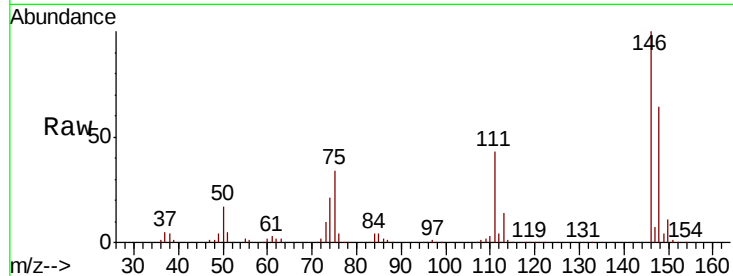




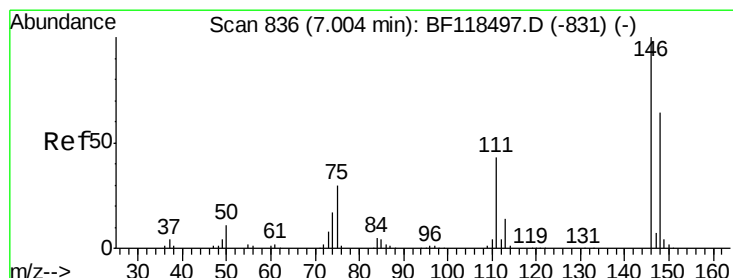
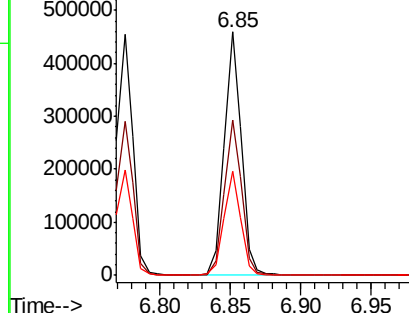
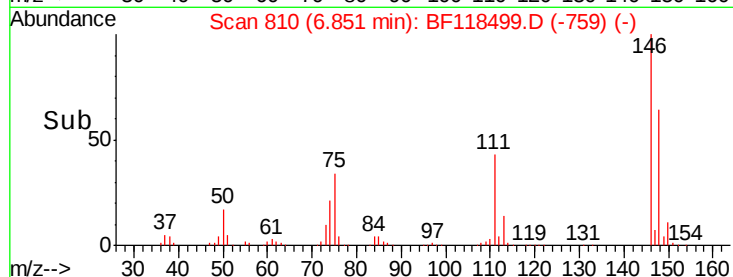
#13
 1,4-Dichlorobenzene
 Concen: 57.341 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 387658
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 42.6 33.2 49.8

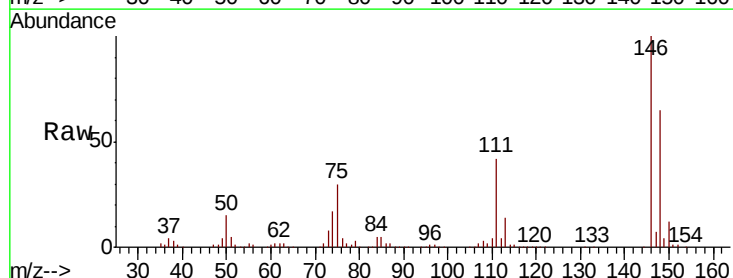


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

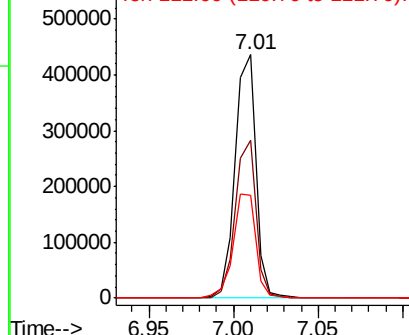
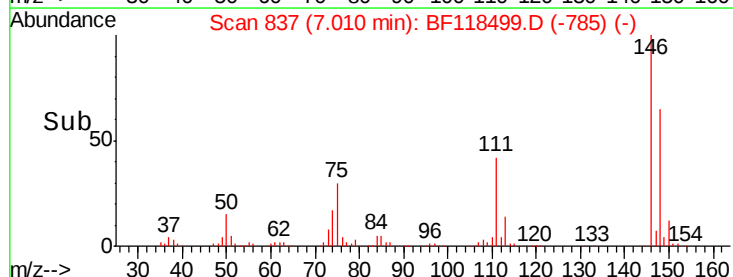


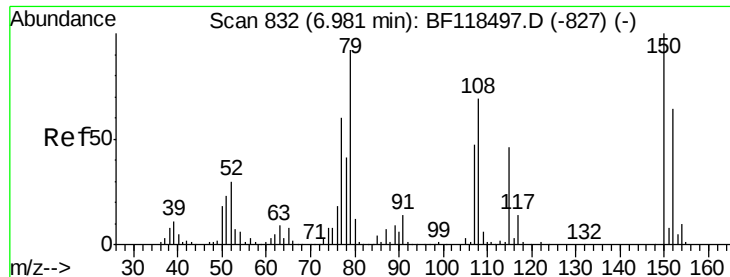
#14
 1,2-Dichlorobenzene
 Concen: 58.905 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Tgt Ion:146 Resp: 373742
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.3 76.9
 111 42.4 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

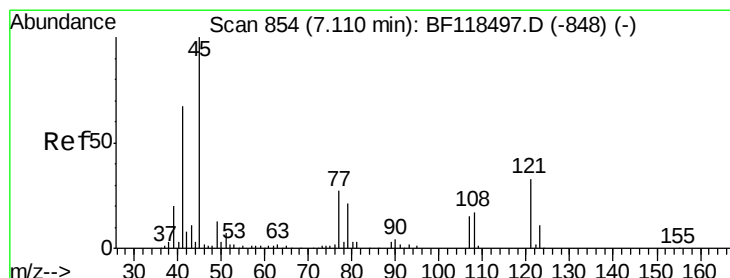
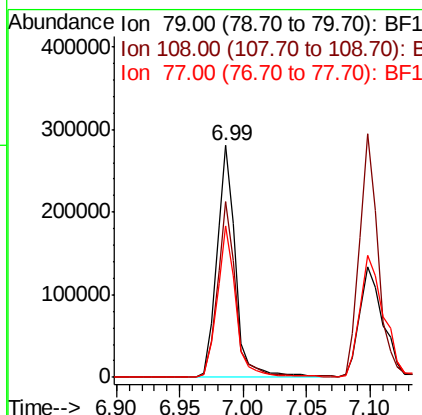
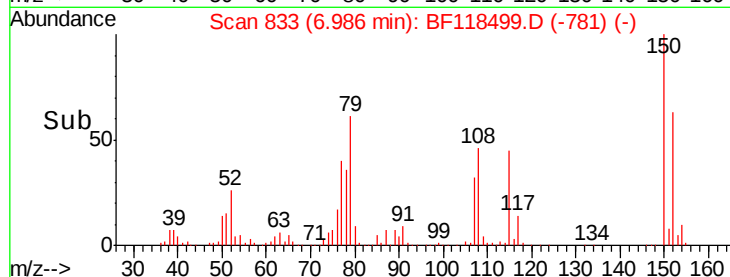
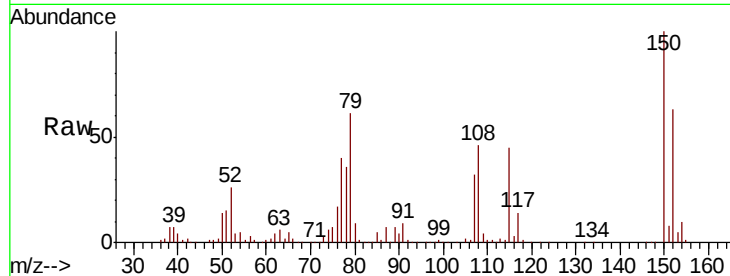




#15
Benzyl Alcohol
Concen: 58.979 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

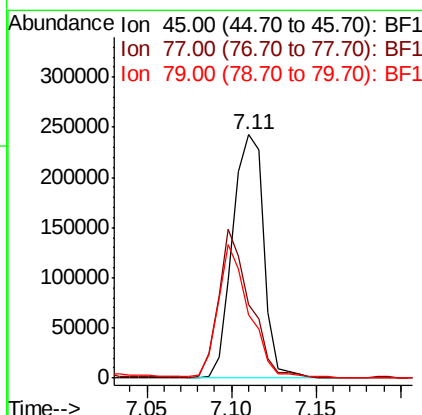
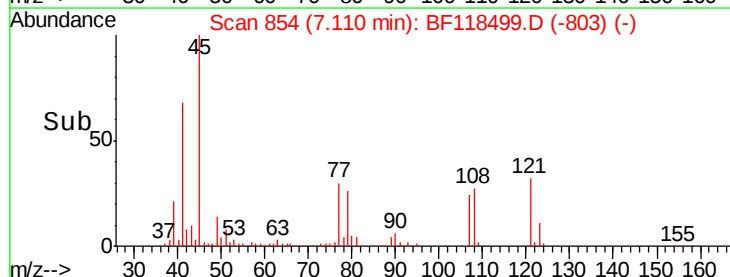
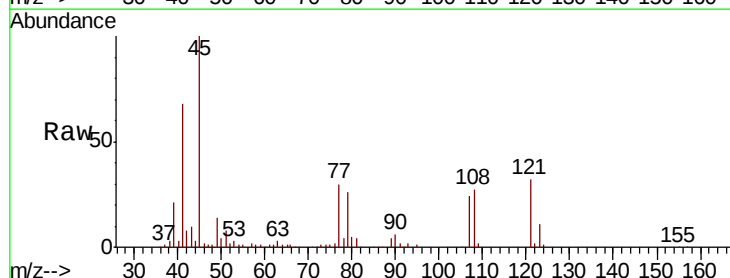
Instrument :
BNA_F
ClientSampleId :

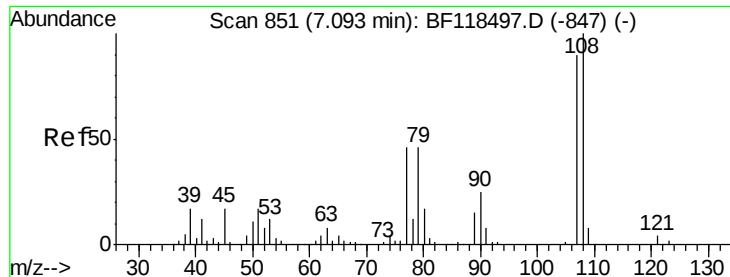
Tot Ion: 79 Resp: 292073
Ion Ratio Lower Upper
79 100
108 75.7 60.2 90.2
77 65.3 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 58.465 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion: 45 Resp: 311330
Ion Ratio Lower Upper
45 100
77 30.1 7.6 47.6
79 25.7 2.0 42.0

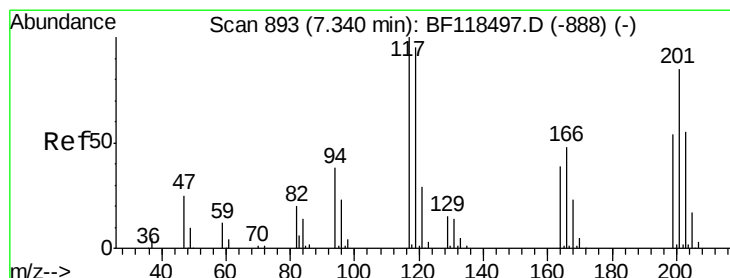
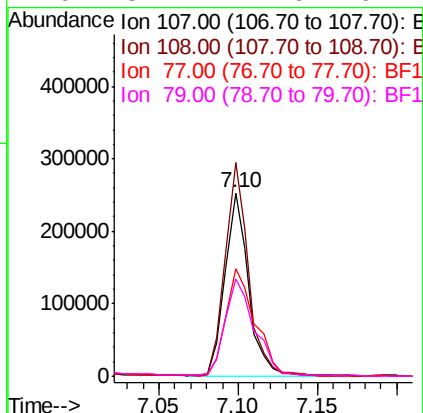
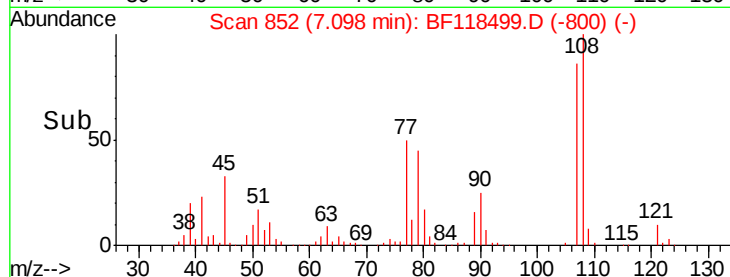
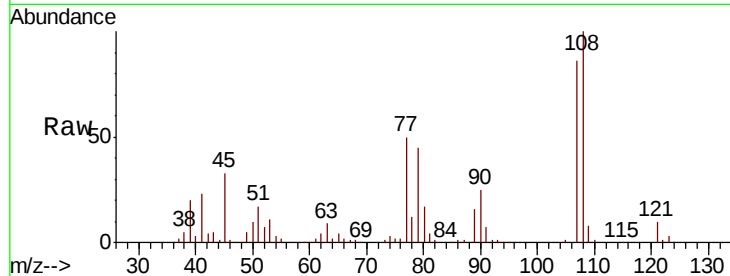




#17
2-Methylphenol
Concen: 57.009 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

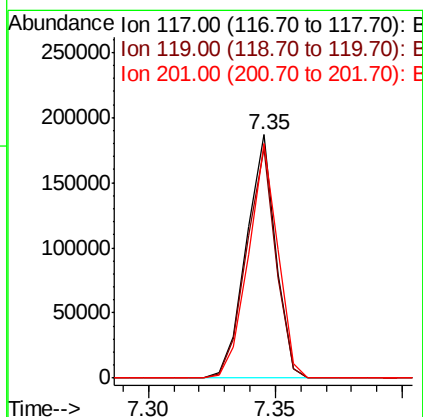
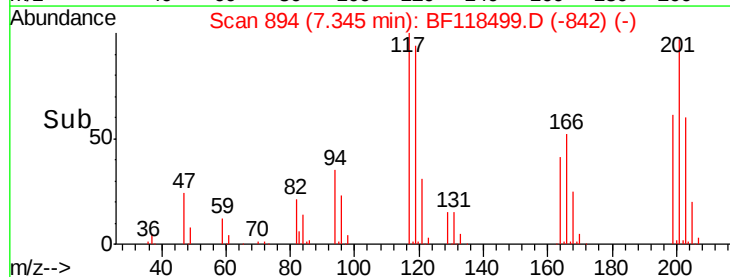
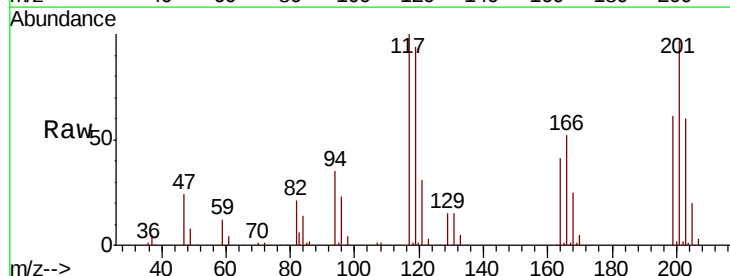
Instrument :
BNA_F
ClientSampleId :

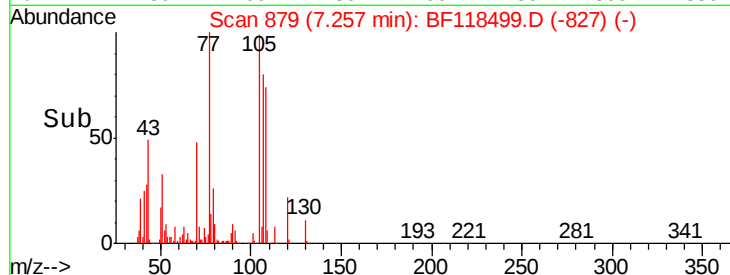
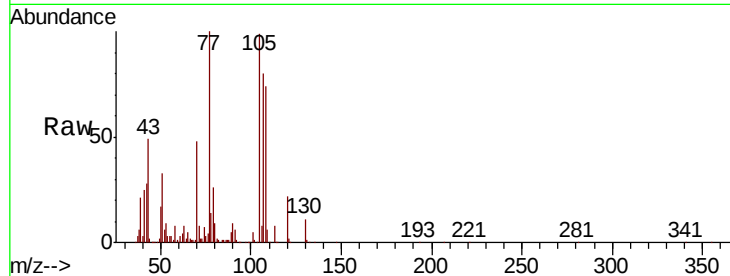
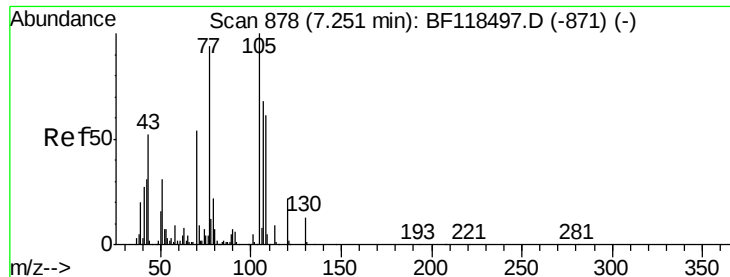
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.3	88.9	133.3
77	58.4	41.2	61.8
79	52.7	41.6	62.4



#18
Hexachloroethane
Concen: 60.499 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.2	114.4
201	96.6	67.7	101.5

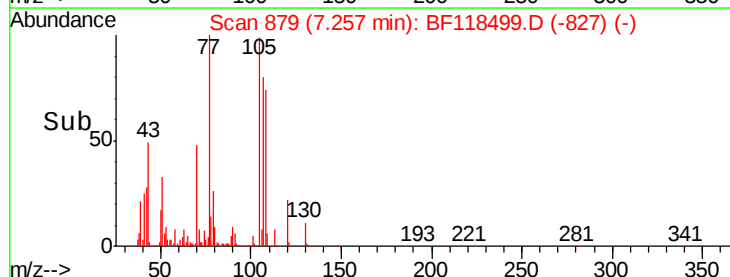
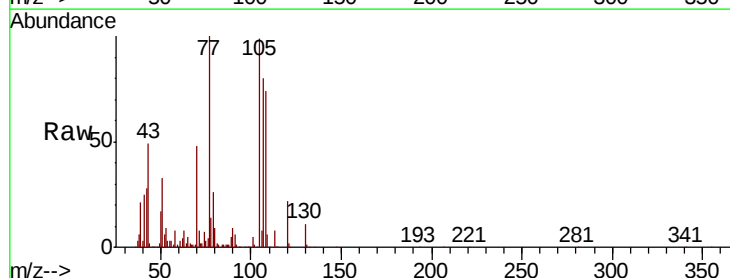
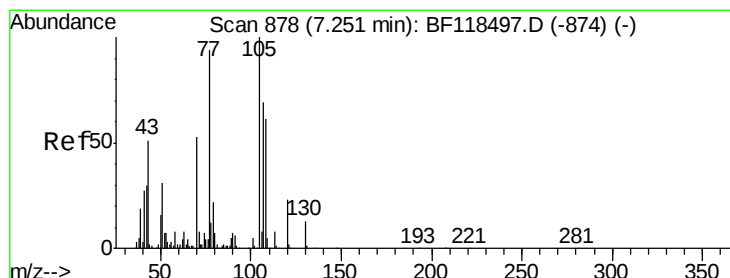
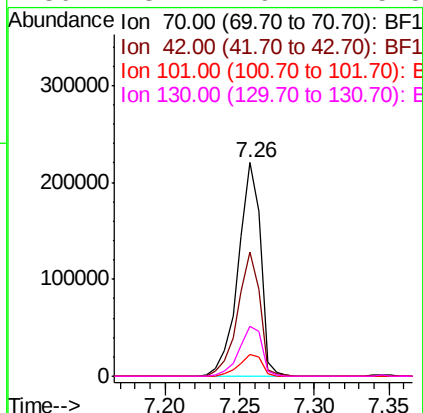




#19
n-Nitroso-di-n-propylamine
Concen: 60.099 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

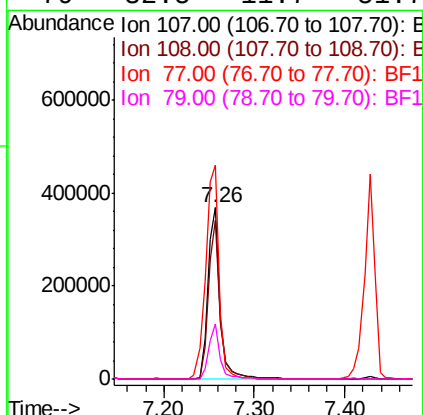
Instrument :
BNA_F
ClientSampleId :

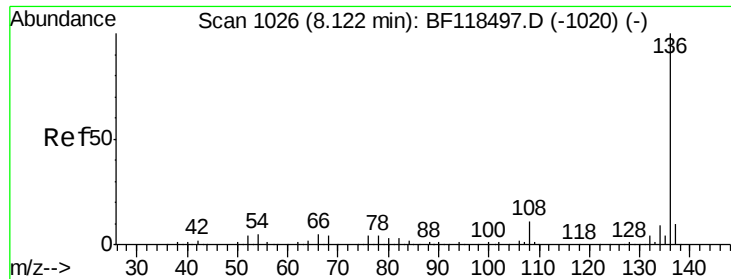
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.0	45.6	68.4
101	10.0	8.2	12.2
130	23.2	19.2	28.8



#20
3+4-Methylphenols
Concen: 57.898 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.9	108.9
77	124.7	116.8	156.8
79	32.5	11.7	51.7

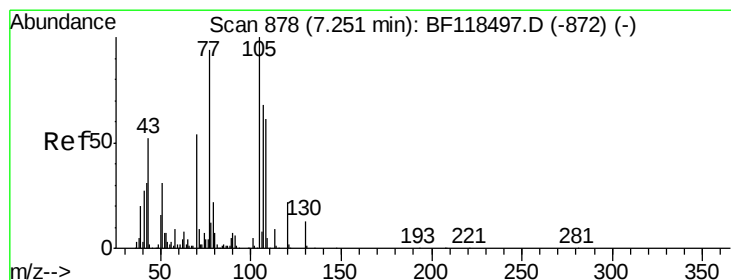
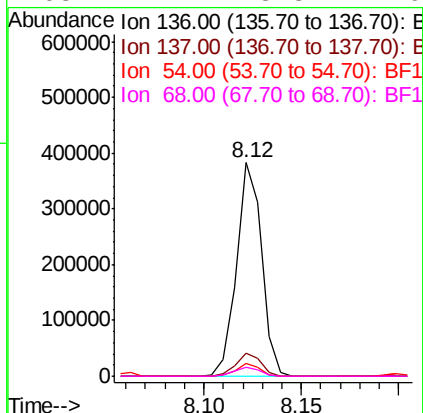
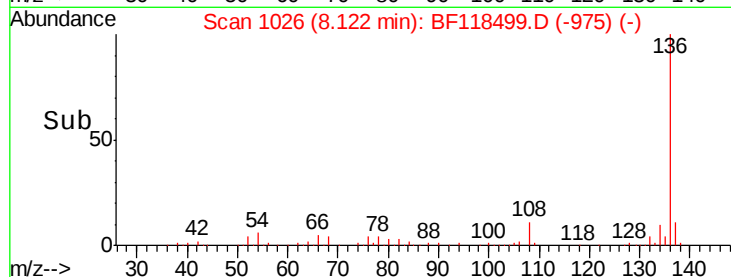
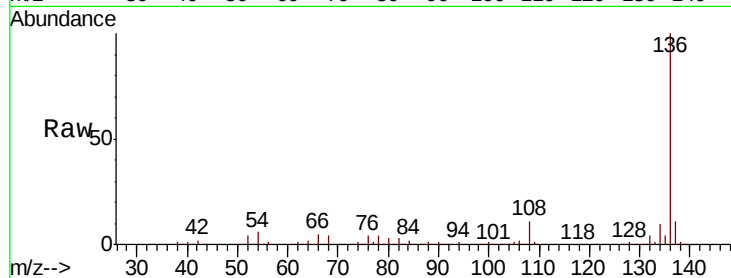




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

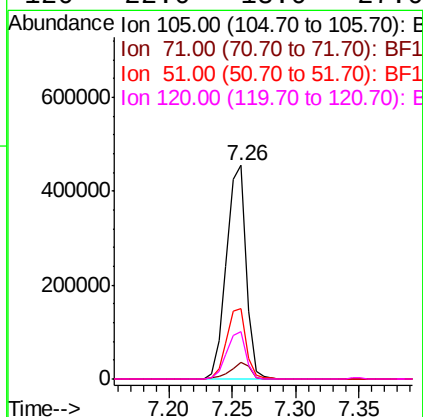
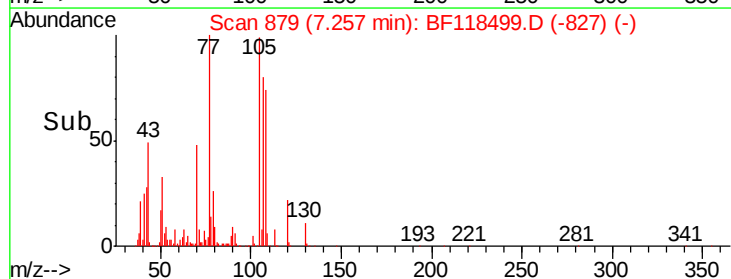
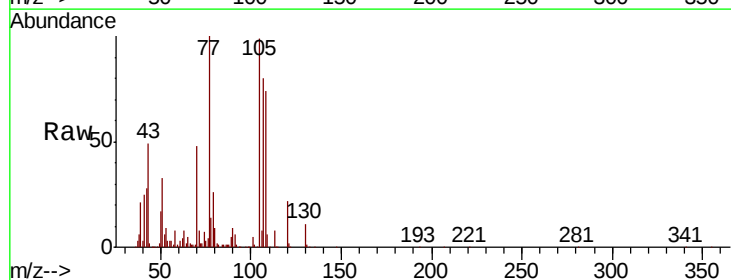
Instrument :
BNA_F
ClientSampled :

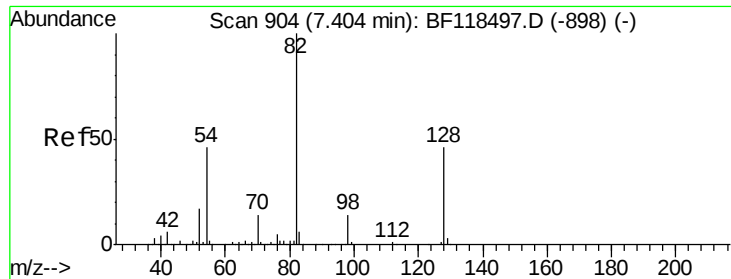
Tot Ion:136	Resp:	341243
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.3 12.5
54	6.0	4.2 6.2
68	4.4	3.3 4.9



#22
Acetophenone
Concen: 55.939 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:105	Resp:	489520
Ion Ratio	Lower	Upper
105	100	
71	7.9	6.9 10.3
51	32.9	25.0 37.4
120	22.0	18.0 27.0





#23

Nitrobenzene-d5

Concen: 116.428 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampled :

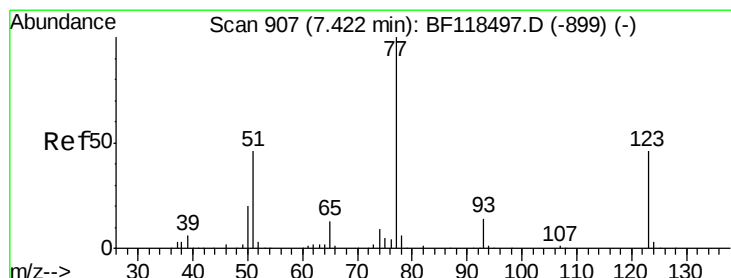
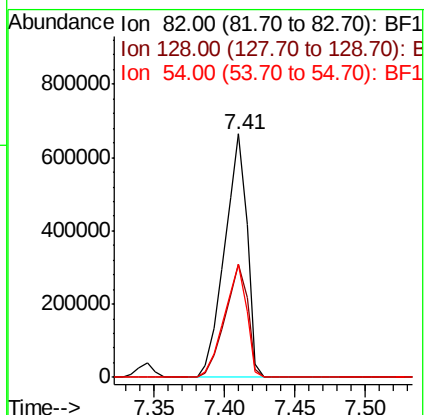
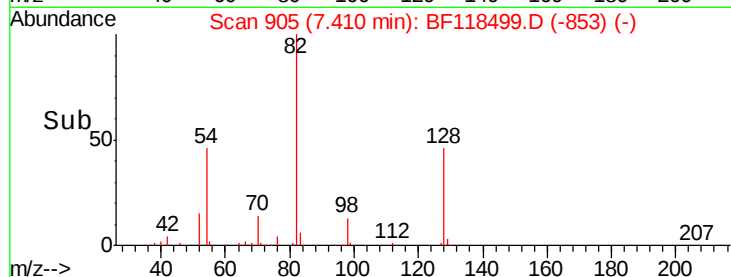
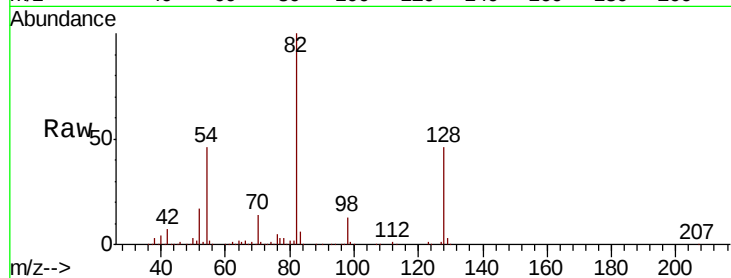
Tot Ion: 82 Resp: 733492

Ion Ratio Lower Upper

82 100

128 46.3 36.6 54.8

54 46.5 37.0 55.6



#24

Nitrobenzene

Concen: 57.200 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

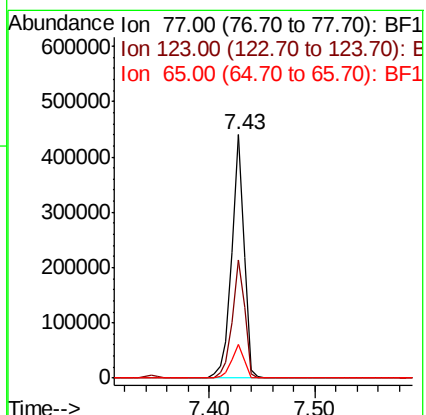
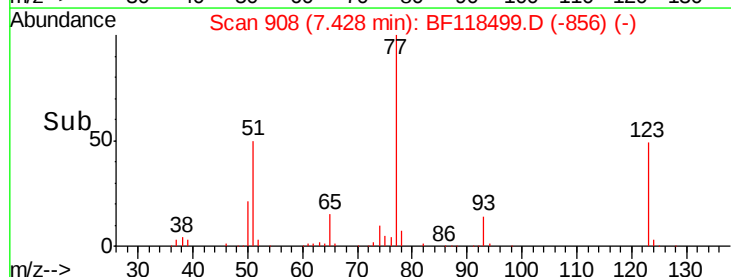
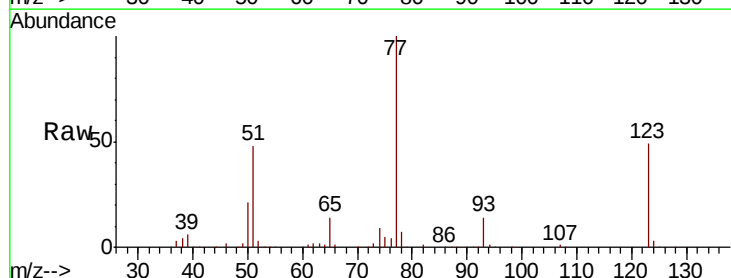
Tgt Ion: 77 Resp: 356352

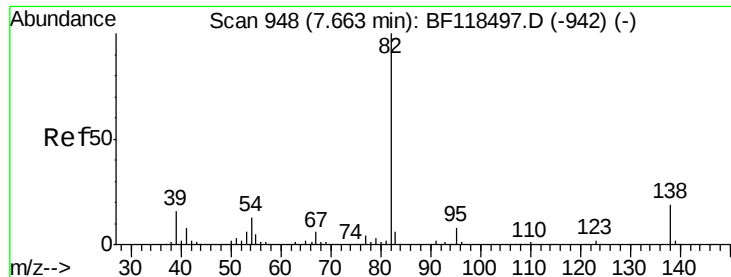
Ion Ratio Lower Upper

77 100

123 48.8 37.0 55.4

65 14.1 10.7 16.1





#25

Isophorone

Concen: 54.972 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

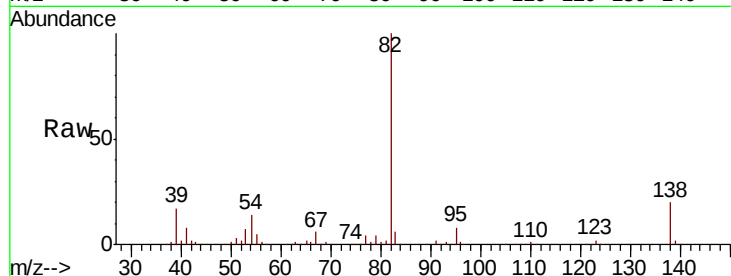
Tot Ion: 82 Resp: 590410

Ion Ratio Lower Upper

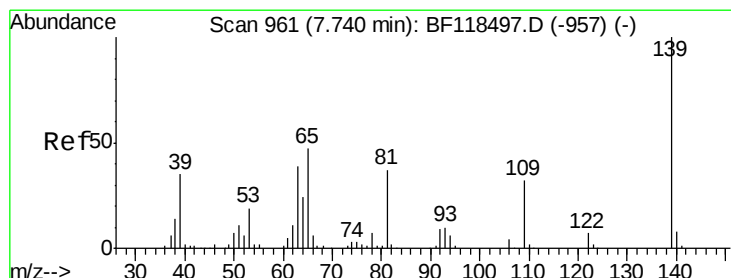
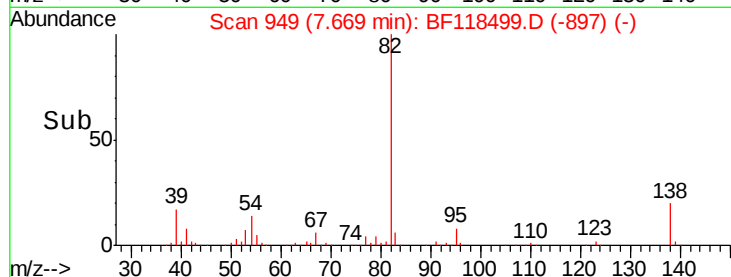
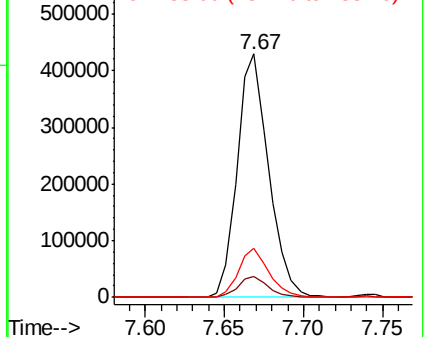
82 100

95 8.4 6.6 9.8

138 20.2 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: 55.514 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

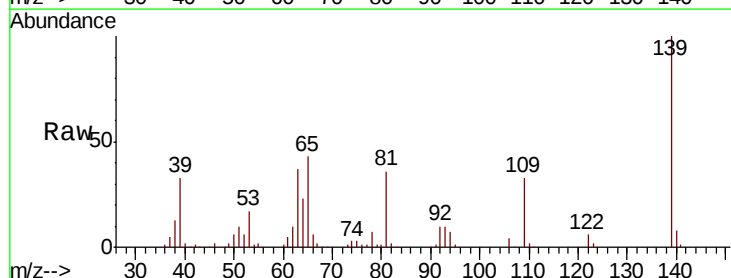
Tgt Ion: 139 Resp: 184841

Ion Ratio Lower Upper

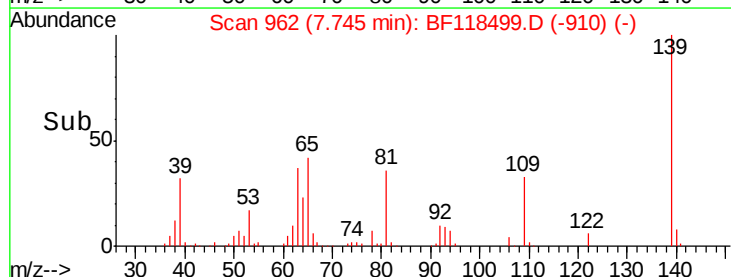
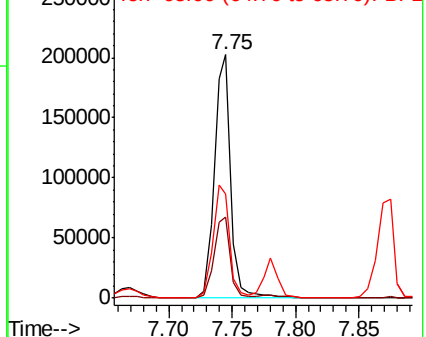
139 100

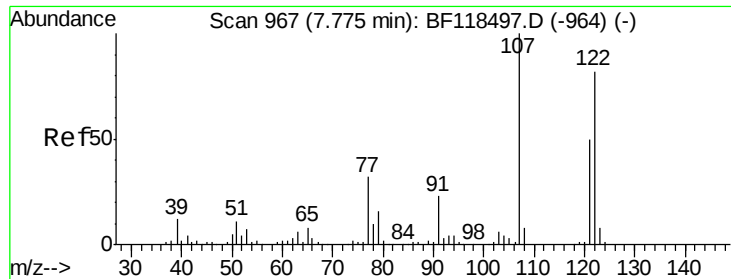
109 33.4 25.7 38.5

65 42.6 37.8 56.6



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 55.766 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampled :

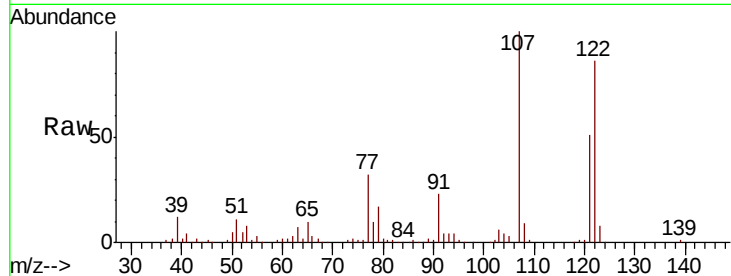
Tot Ion:122 Resp: 243109

Ion Ratio Lower Upper

122 100

107 116.8 97.9 146.9

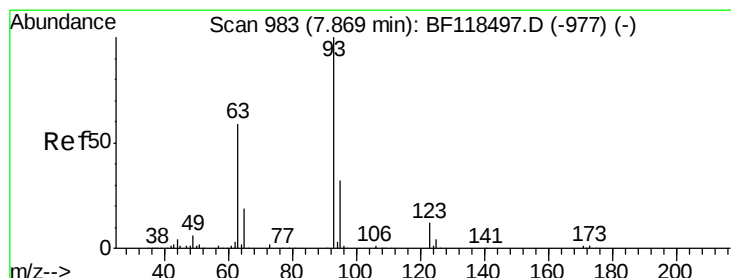
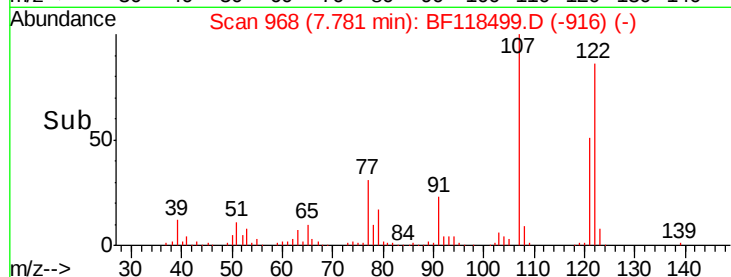
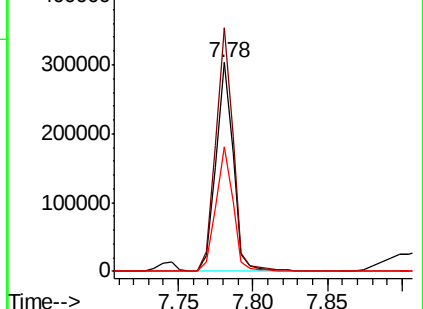
121 59.5 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 57.789 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

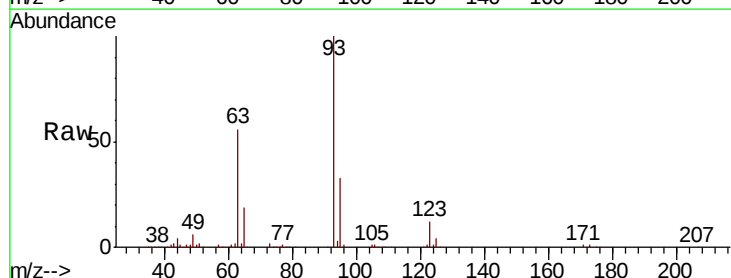
Tgt Ion: 93 Resp: 392673

Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

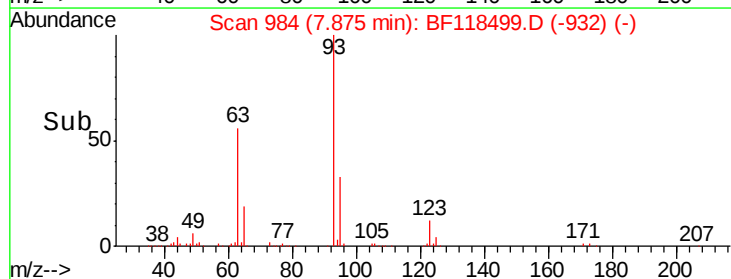
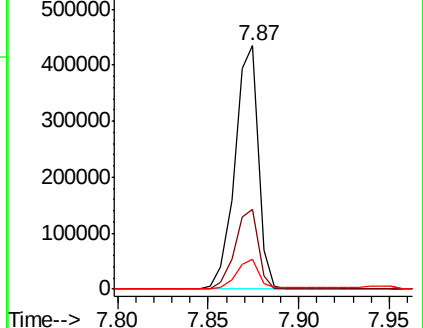
123 12.1 9.7 14.5

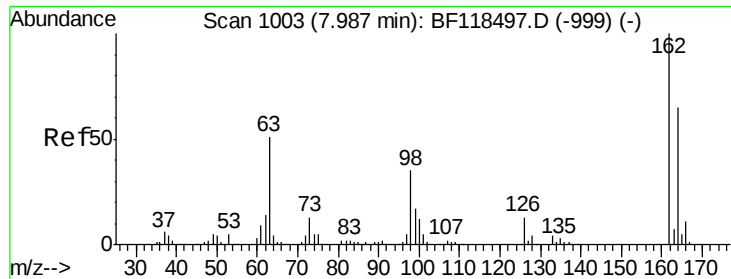


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

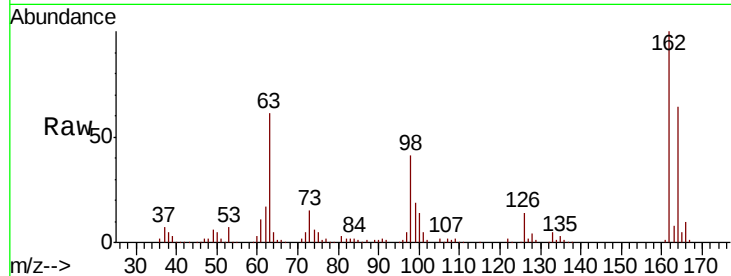




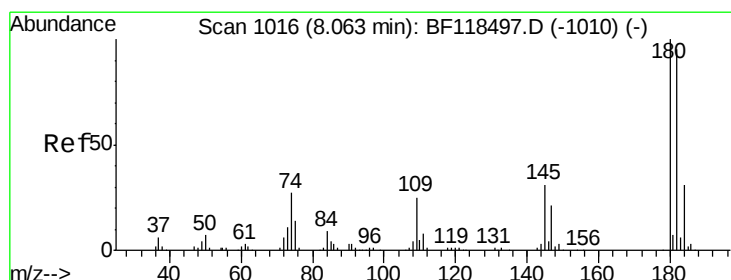
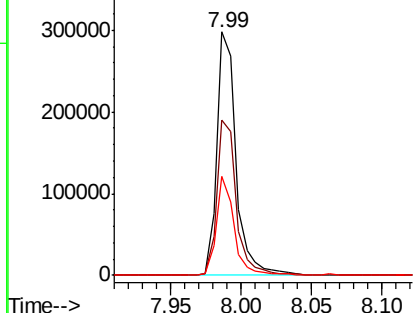
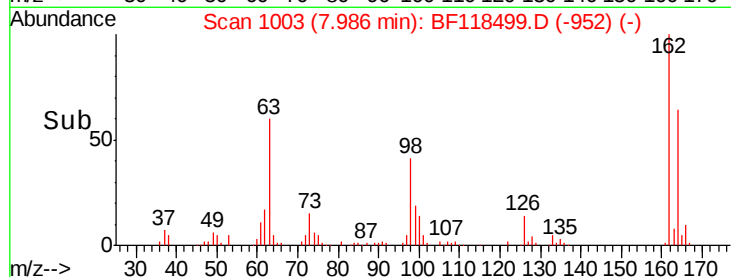
#29
 2,4-Dichlorophenol
 Concen: 55.050 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	282990
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.8	84.8
98	40.5	15.1	55.1

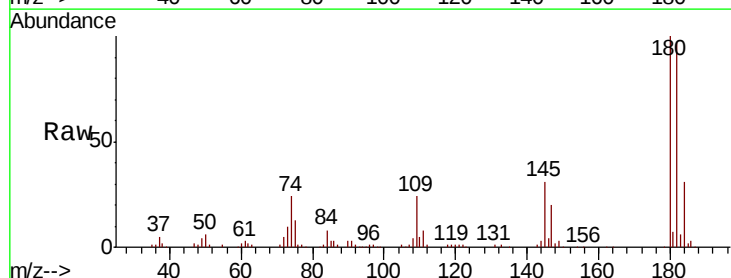


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

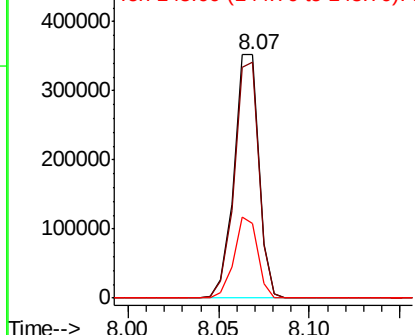
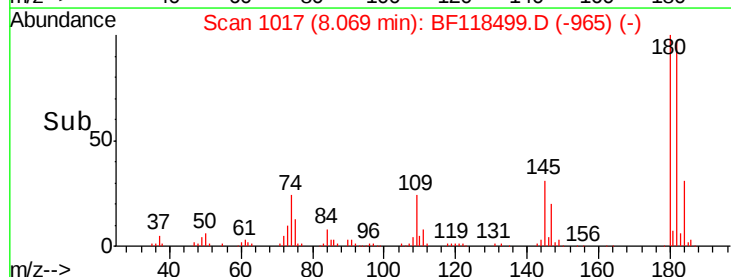


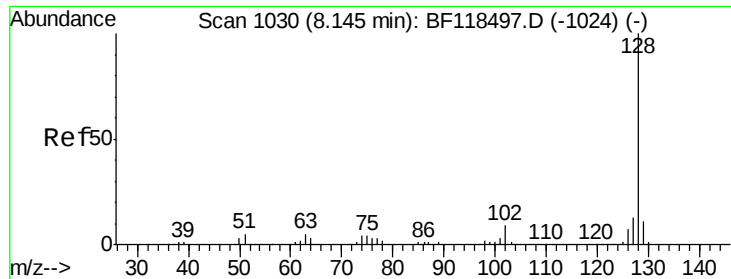
#30
 1,2,4-Trichlorobenzene
 Concen: 55.436 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Tgt Ion	180	Resp	337222
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.8	113.6
145	30.5	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

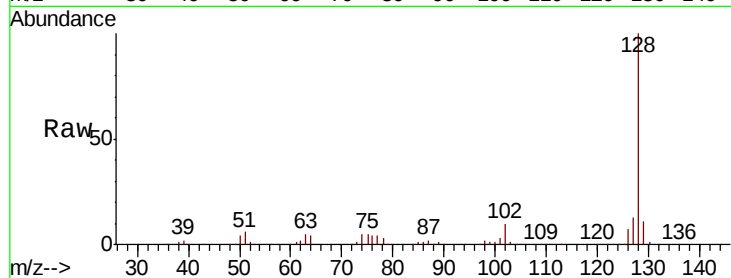




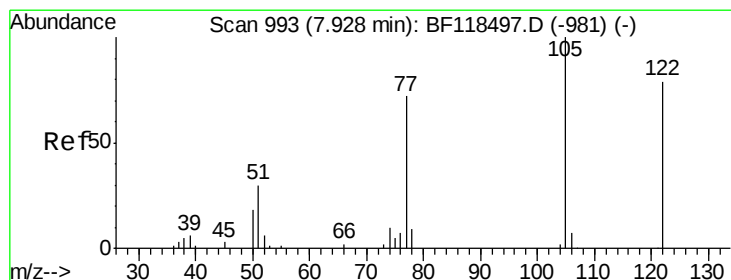
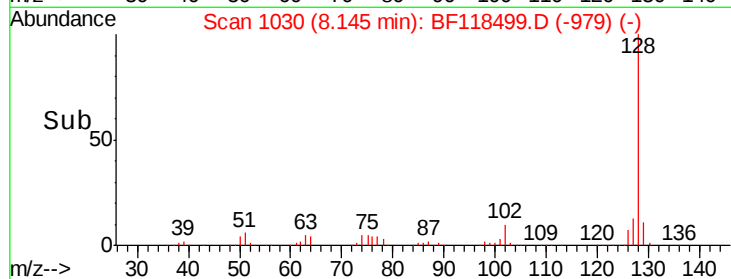
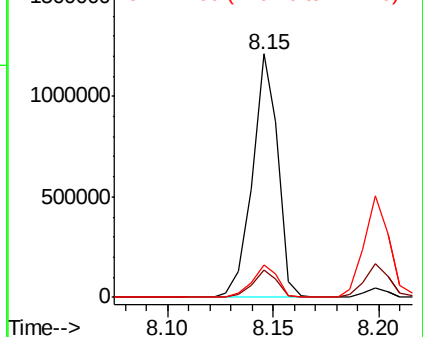
#31
Naphthalene
Concen: 56.433 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1012731
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.4 10.7 16.1

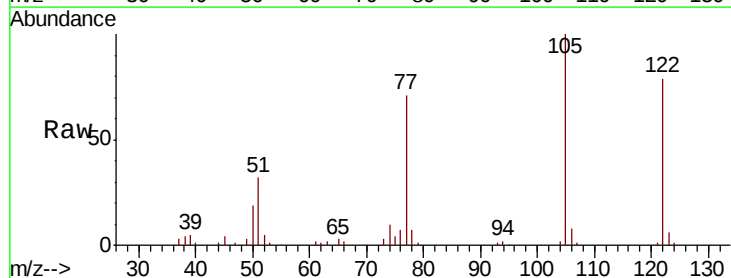


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

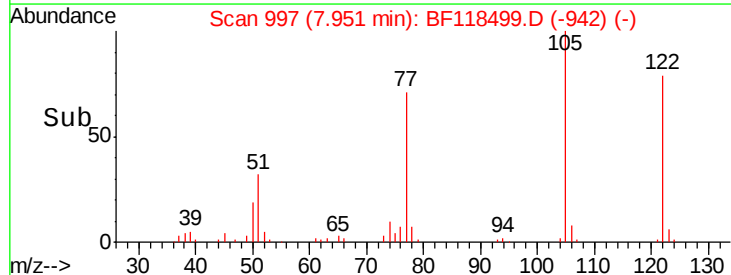
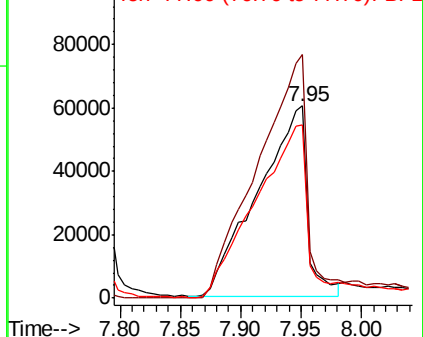


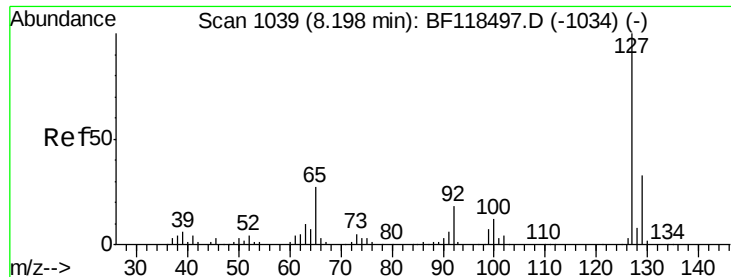
#32
Benzoic acid
Concen: 56.179 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:122 Resp: 170664
Ion Ratio Lower Upper
122 100
105 126.6 105.7 145.7
77 90.0 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

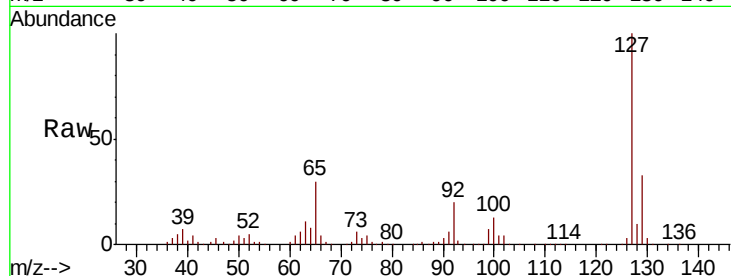




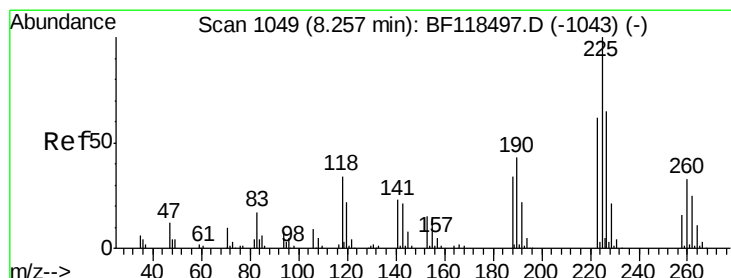
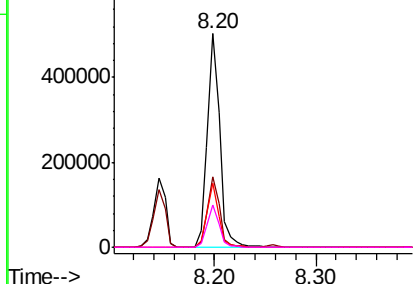
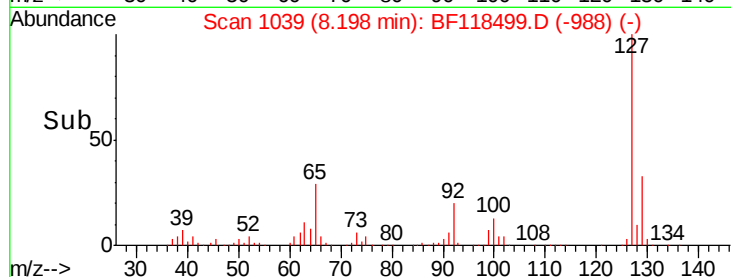
#33
4-Chloroaniline
Concen: 57.086 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	429600
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	29.7	21.6	32.4
92	19.8	14.3	21.5

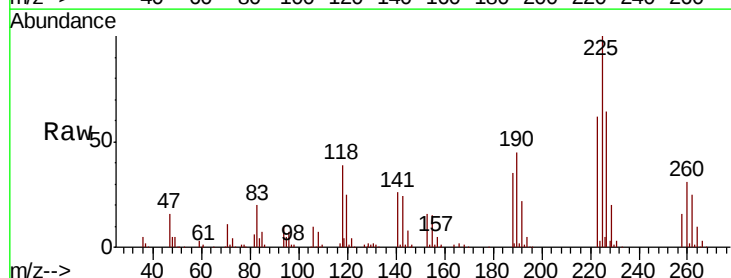


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

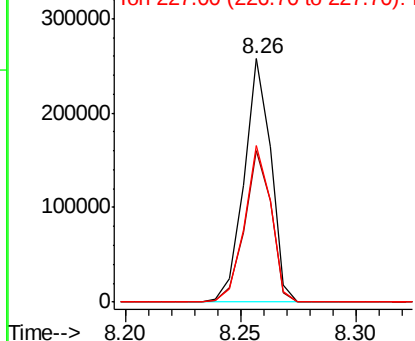
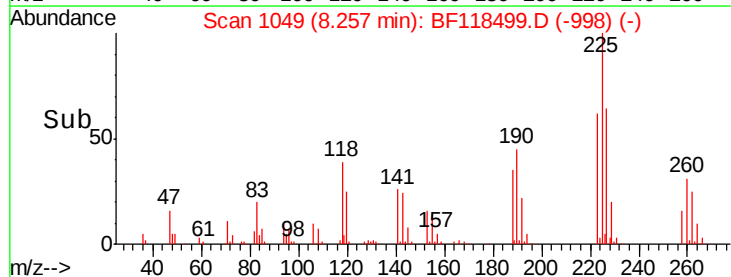


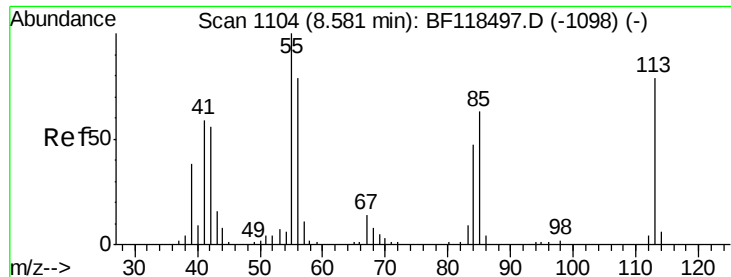
#34
Hexachlorobutadiene
Concen: 57.447 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:	225	Resp:	208472
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	64.1	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

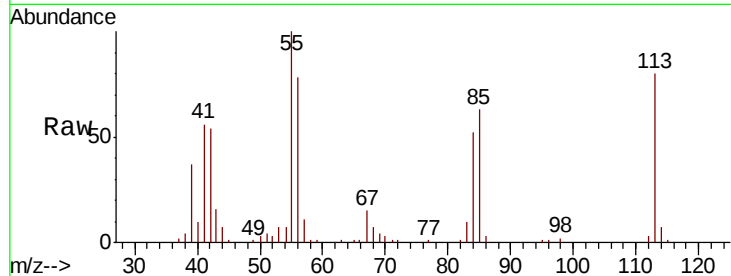




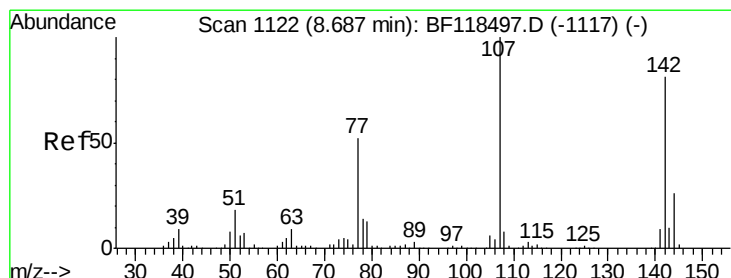
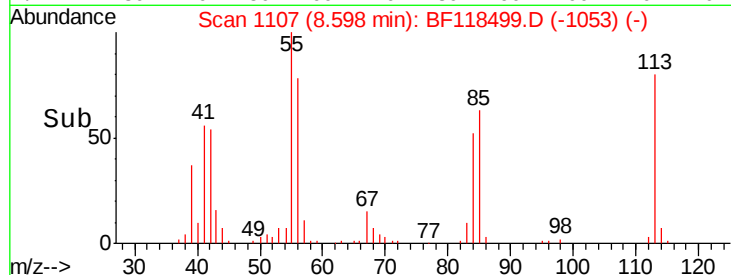
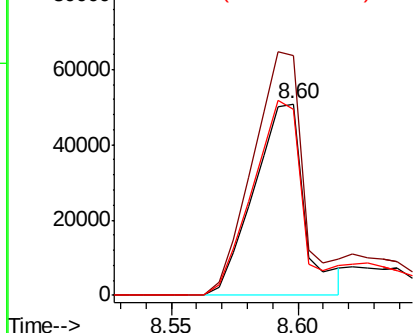
#35
Caprolactam
Concen: 43.203 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 70110
Ion Ratio Lower Upper
113 100
55 124.8 106.5 146.5
56 97.0 80.1 120.1

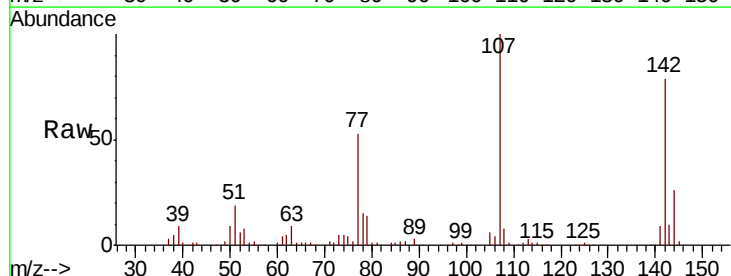


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

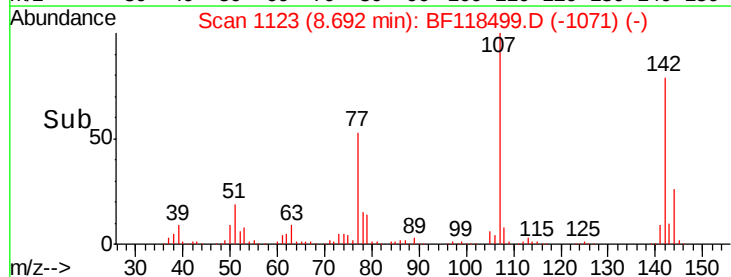
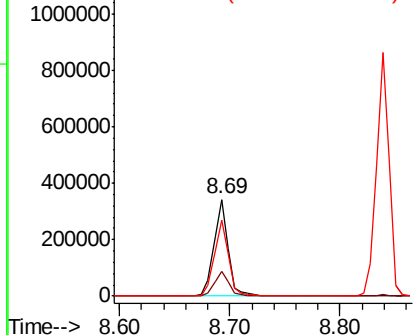


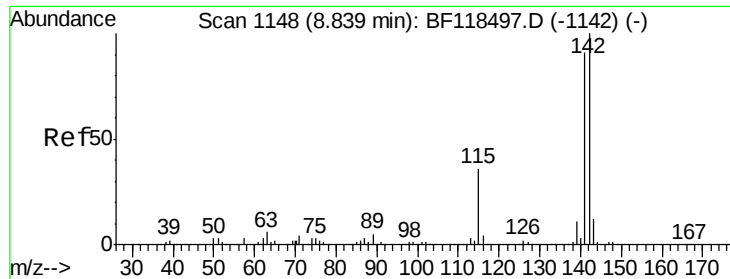
#36
4-Chloro-3-methylphenol
Concen: 55.846 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:107 Resp: 302098
Ion Ratio Lower Upper
107 100
144 26.0 20.6 31.0
142 79.0 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

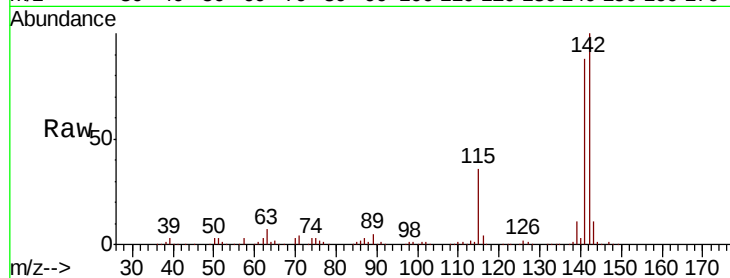




#37
2-Methylnaphthalene
Concen: 56.825 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	73.0	109.6
115	36.3	28.4	42.6

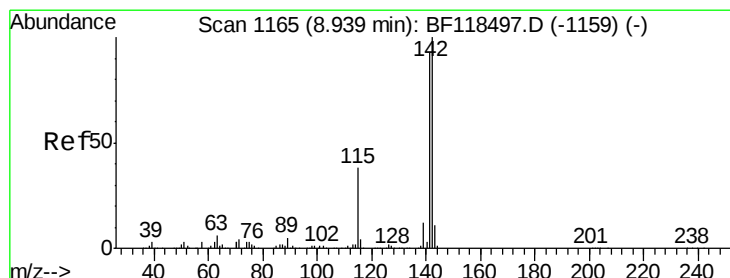
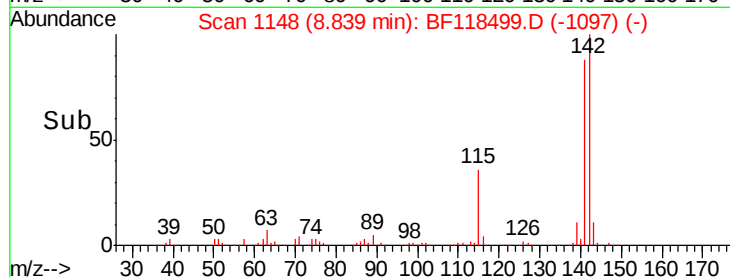
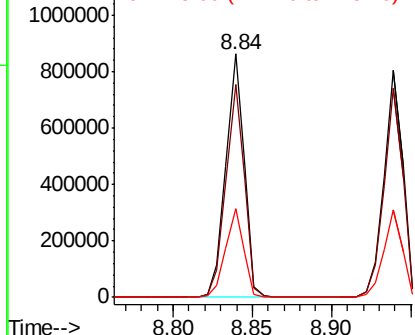


Abundance

Ion 142.00 (141.70 to 142.70): E

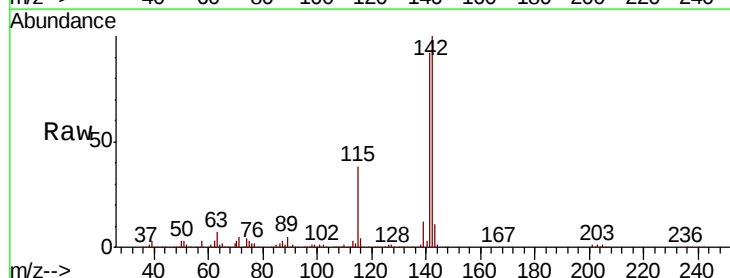
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 56.306 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.3	111.5
116	4.2	3.2	4.8

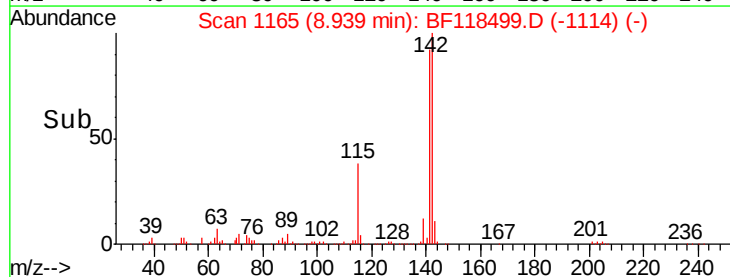
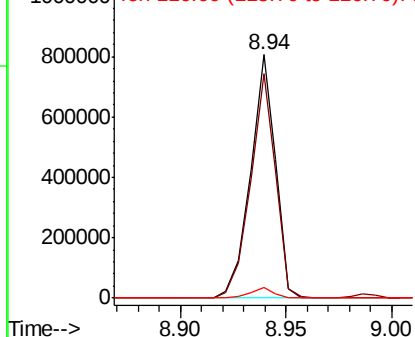


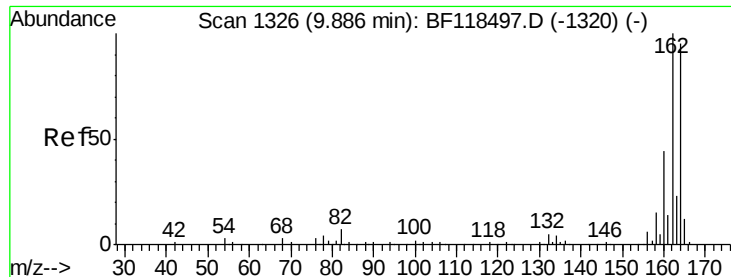
Abundance

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

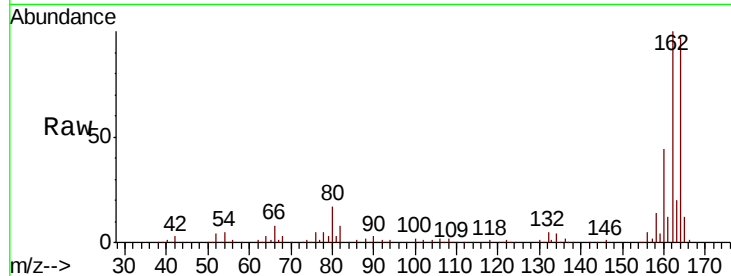




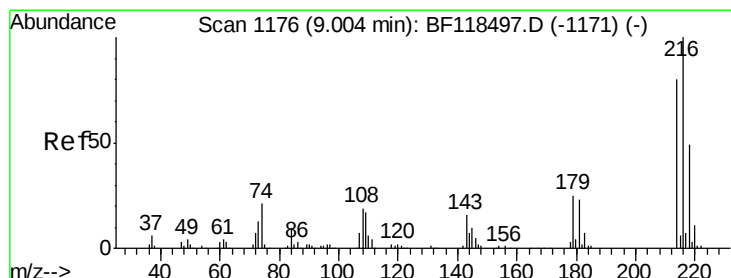
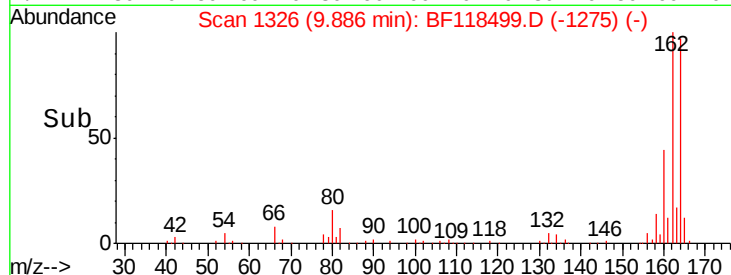
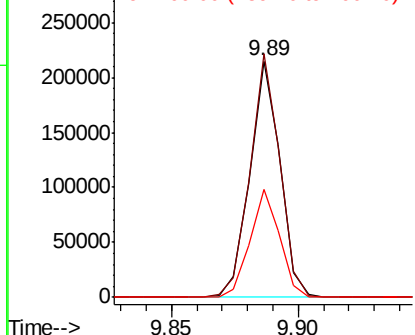
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 177432
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.4
160 45.6 36.8 55.2

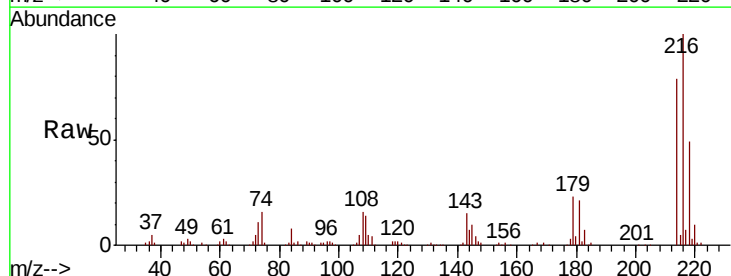


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

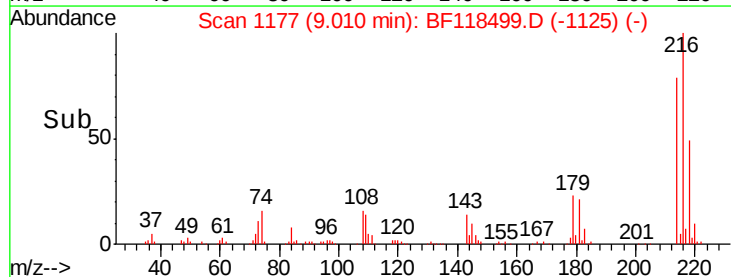
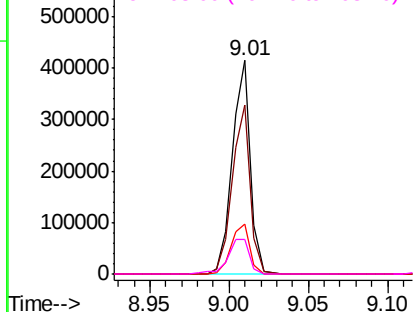


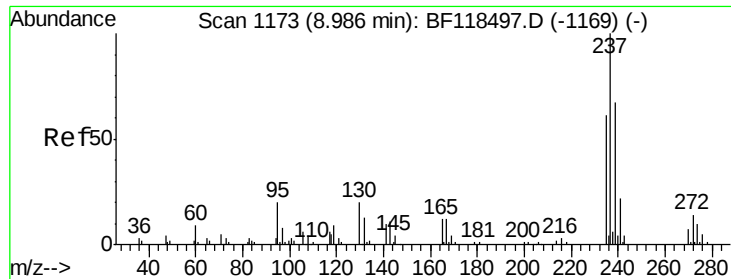
#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.936 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:216 Resp: 327086
Ion Ratio Lower Upper
216 100
214 78.8 62.4 93.6
179 24.2 18.7 28.1
108 19.2 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

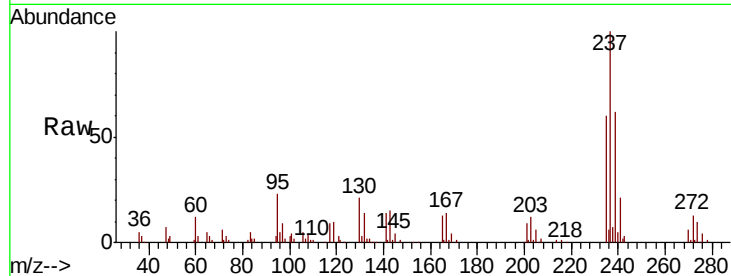




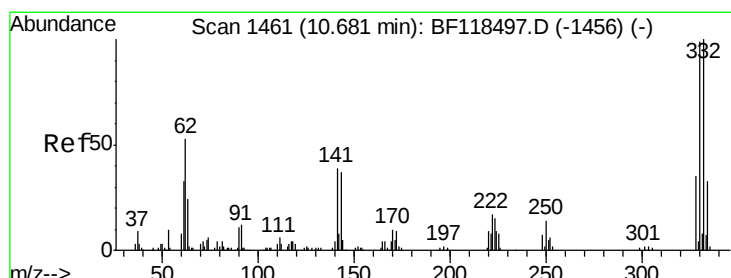
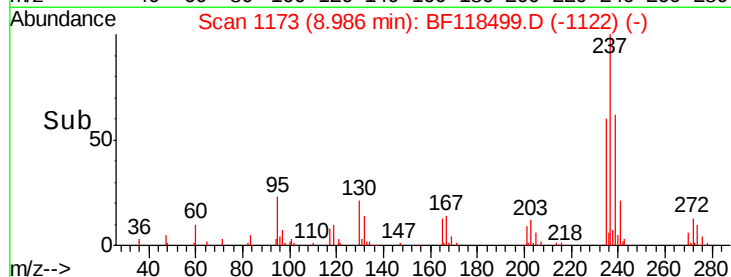
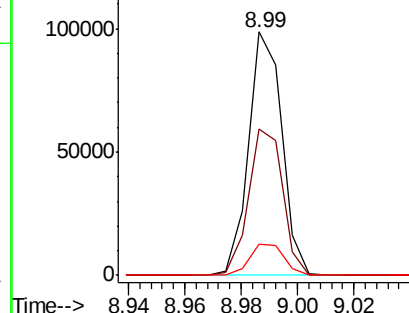
#41
Hexachlorocyclopentadiene
Concen: 83.116 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.3	40.8	80.8
272	12.8	0.0	34.2

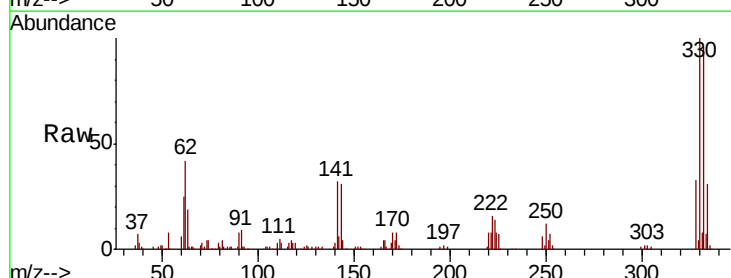


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

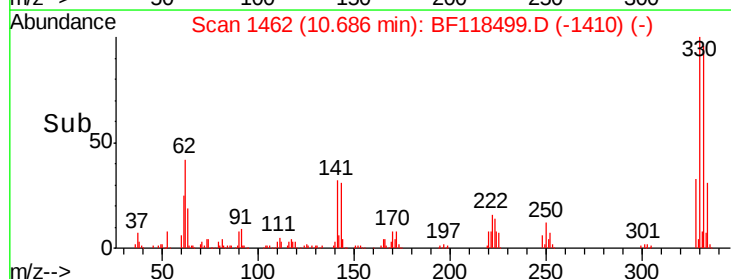
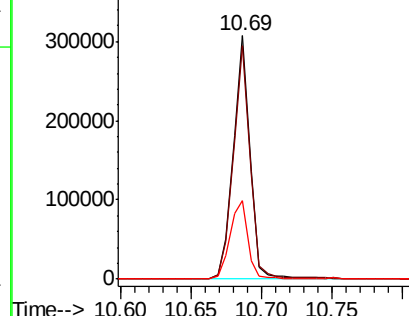


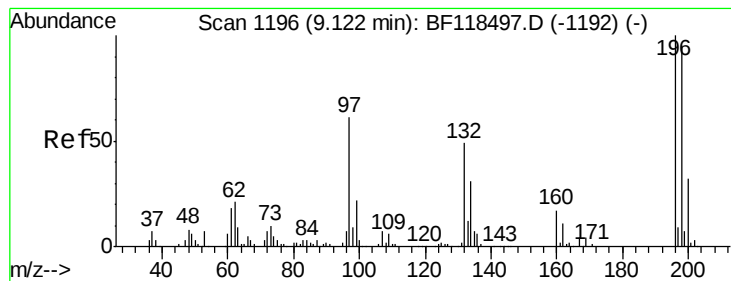
#42
2,4,6-Tribromophenol
Concen: 117.903 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.9	116.9
141	34.6	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: 56.684 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampled :

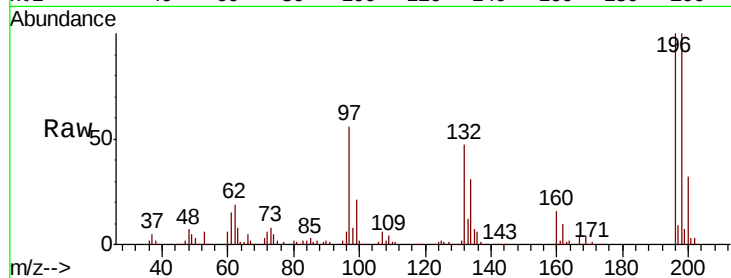
Tot Ion:196 Resp: 194321

Ion Ratio Lower Upper

196 100

198 99.6 76.2 114.4

200 31.5 25.2 37.8

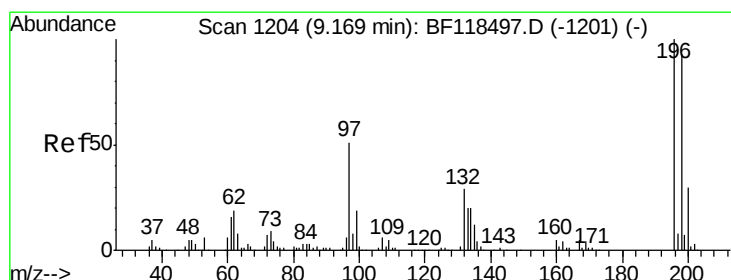
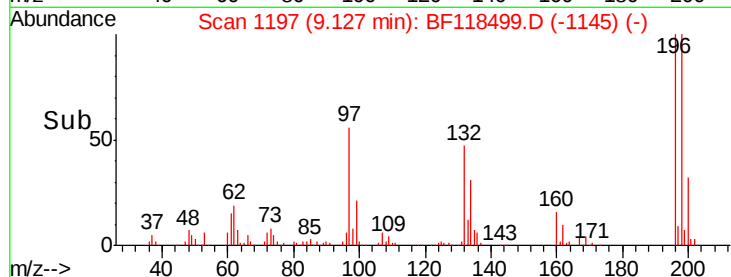
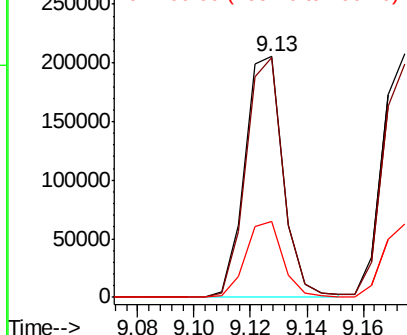


Abundance

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: 58.924 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Tgt Ion:196 Resp: 205630

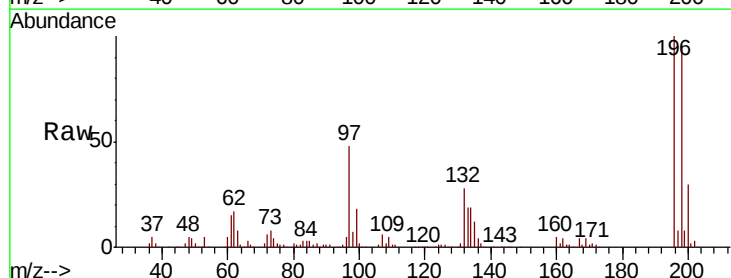
Ion Ratio Lower Upper

196 100

198 95.6 74.7 112.1

97 48.3 40.7 61.1

132 28.2 23.7 35.5



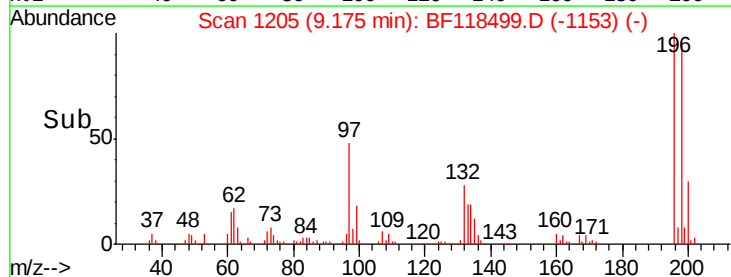
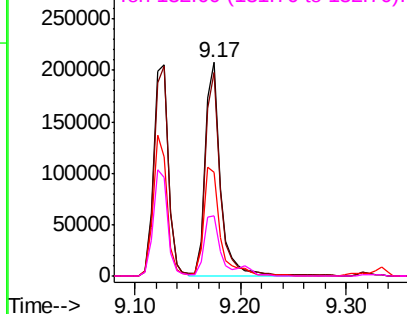
Abundance

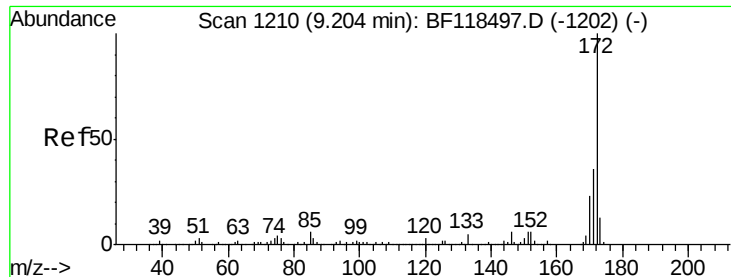
Ion 196.00 (195.70 to 196.70): E

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



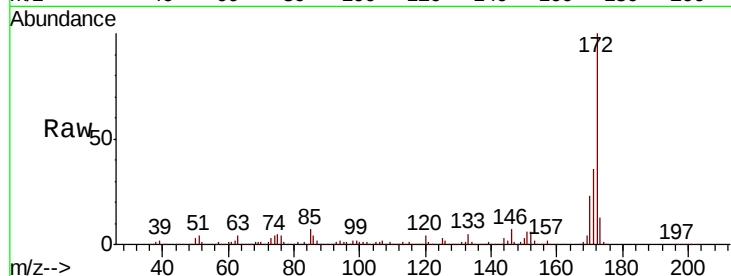


#45
 2-Fluorobiphenyl
 Concen: 118.921 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

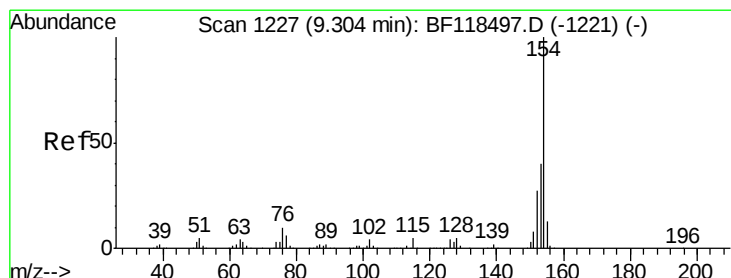
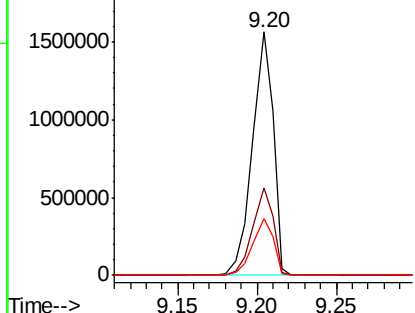
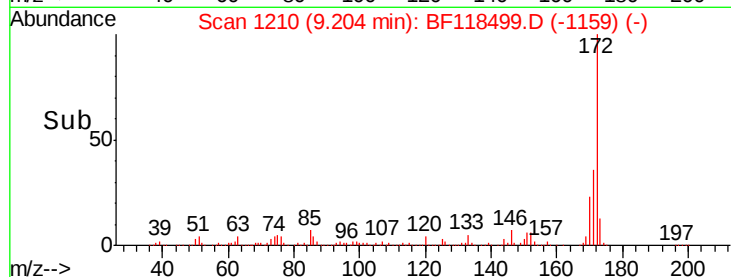
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1429300

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.5	18.6	27.8



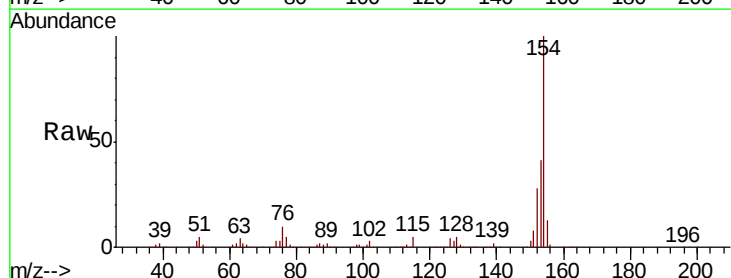
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



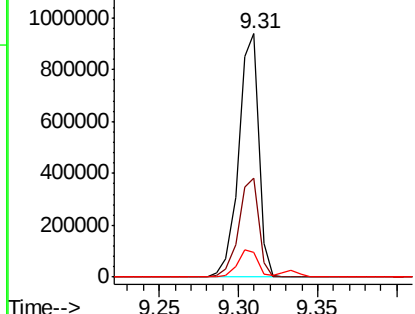
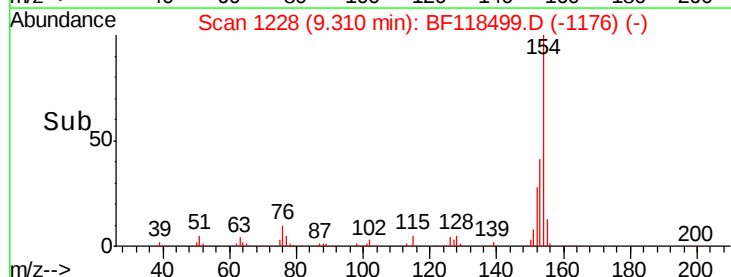
#46
 1,1'-Biphenyl
 Concen: 57.803 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

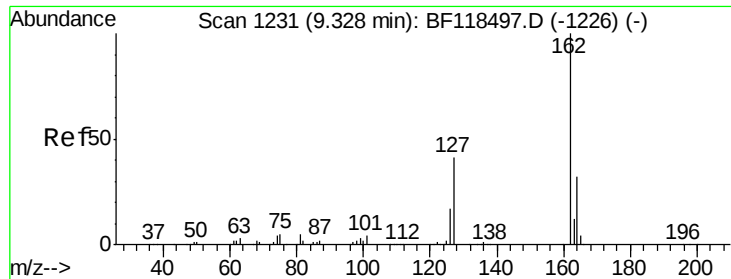
Tgt Ion:154 Resp: 820992

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	10.1	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

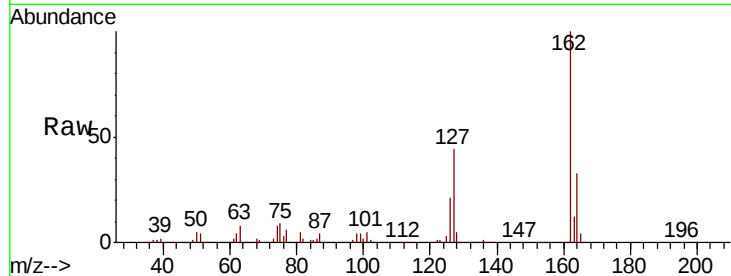




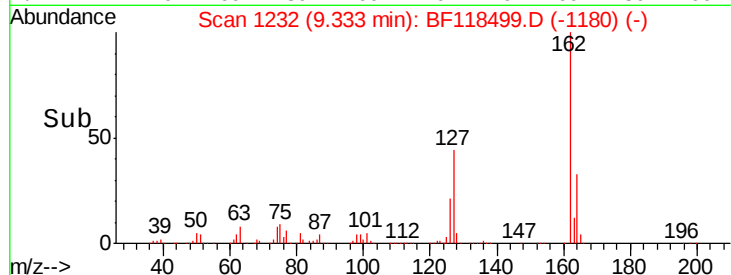
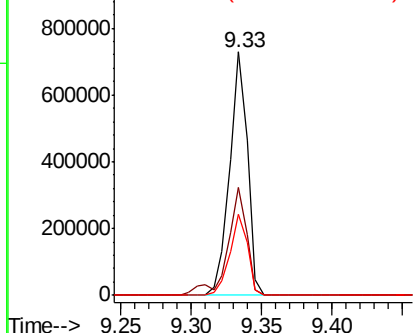
#47
 2-Chloronaphthalene
 Concen: 56.225 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 162 Resp: 640023
 Ion Ratio Lower Upper
 162 100
 127 44.3 35.5 53.3
 164 33.2 25.8 38.8

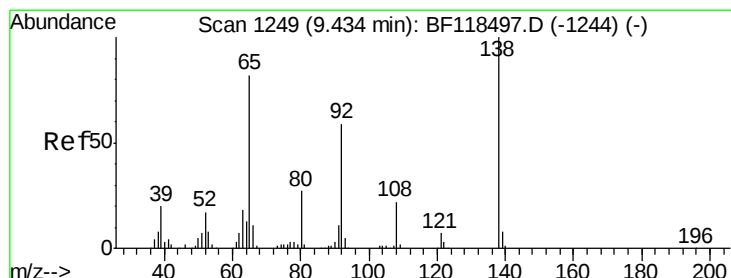


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

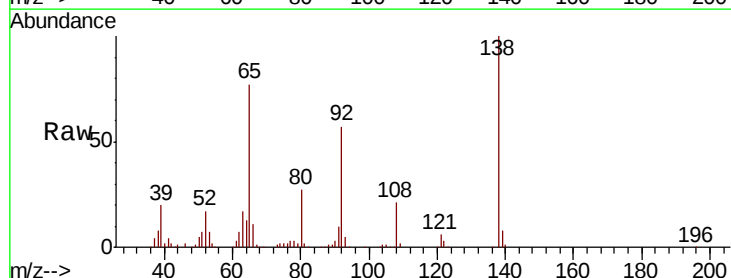
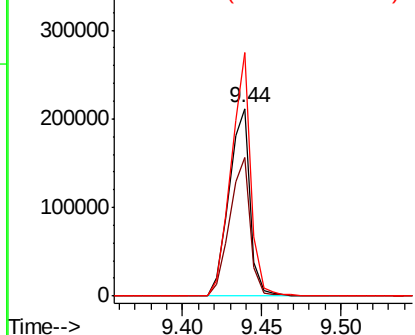


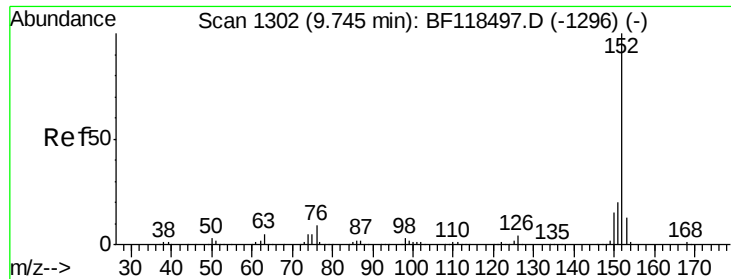
#48
 2-Nitroaniline
 Concen: 59.495 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Tgt Ion: 65 Resp: 195681
 Ion Ratio Lower Upper
 65 100
 92 73.9 57.7 86.5
 138 129.8 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: 55.535 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

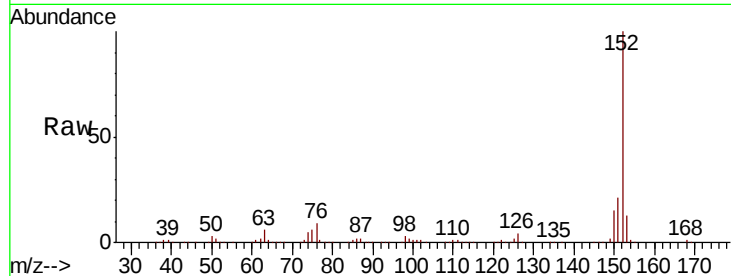
Tot Ion:152 Resp: 939885

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

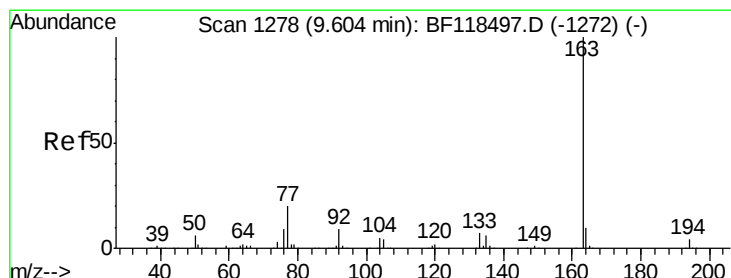
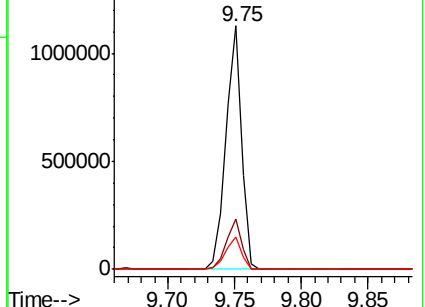
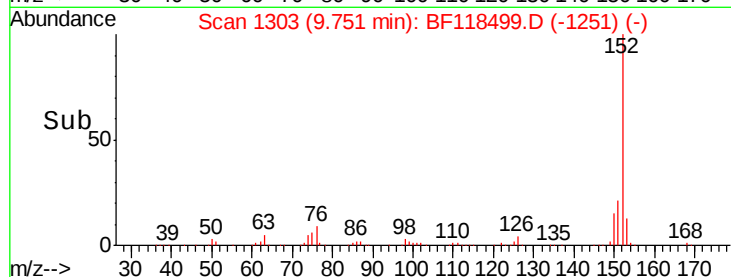
153 13.4 10.6 16.0



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: 57.711 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

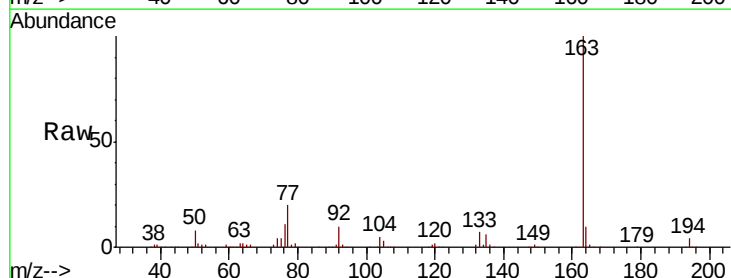
Tgt Ion:163 Resp: 788298

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

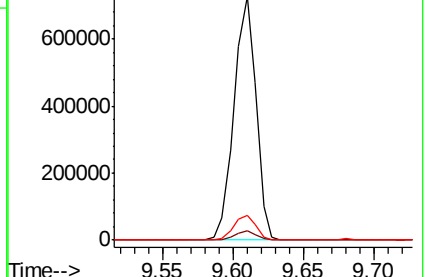
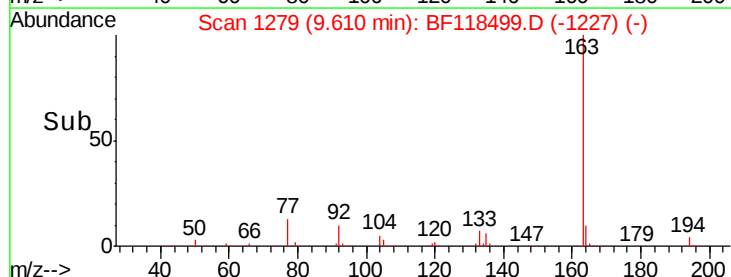
164 10.0 8.1 12.1

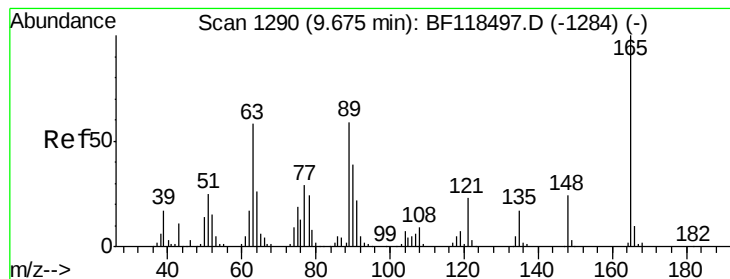


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 58.558 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

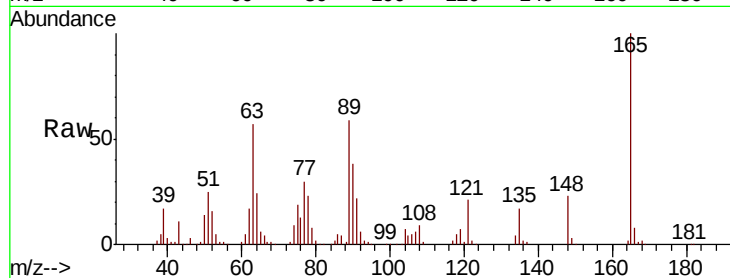
Tot Ion:165 Resp: 163921

Ion Ratio Lower Upper

165 100

63 56.9 46.6 70.0

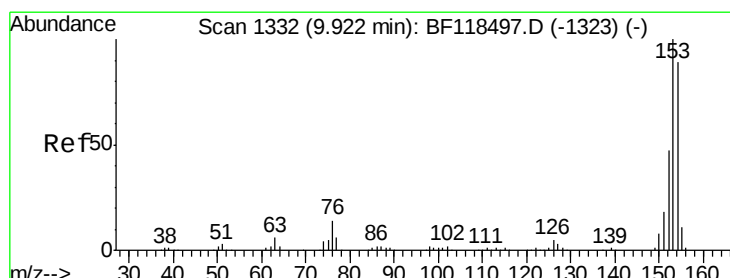
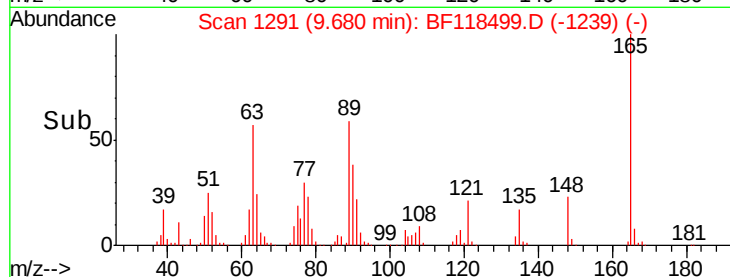
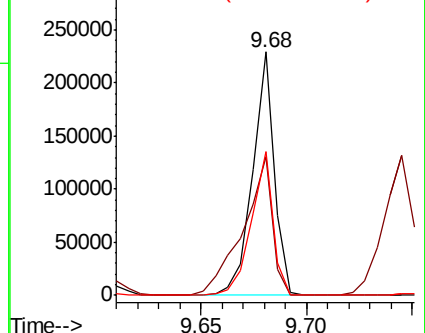
89 58.8 47.5 71.3



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: 55.947 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

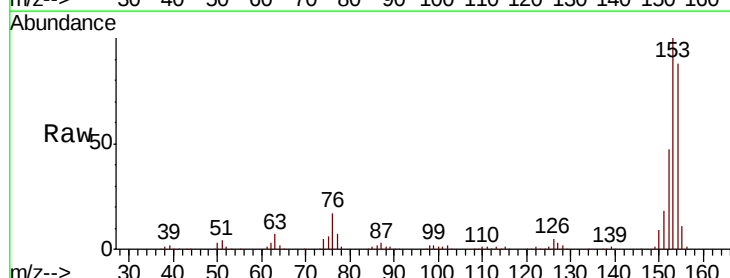
Tgt Ion:154 Resp: 596205

Ion Ratio Lower Upper

154 100

153 113.4 89.7 134.5

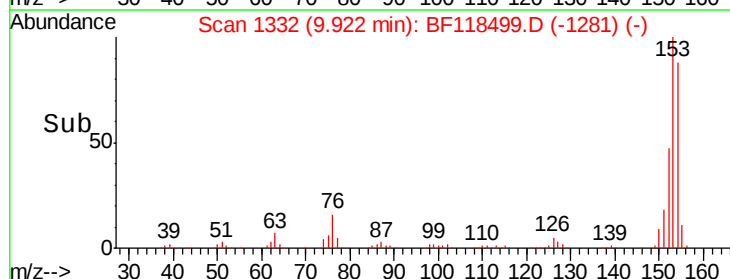
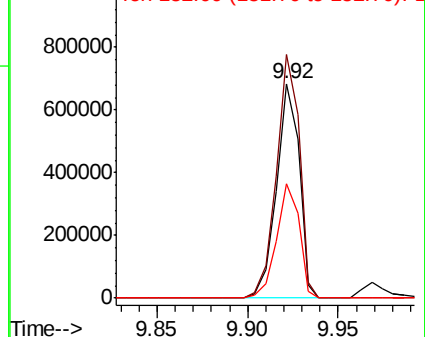
152 53.1 41.9 62.9

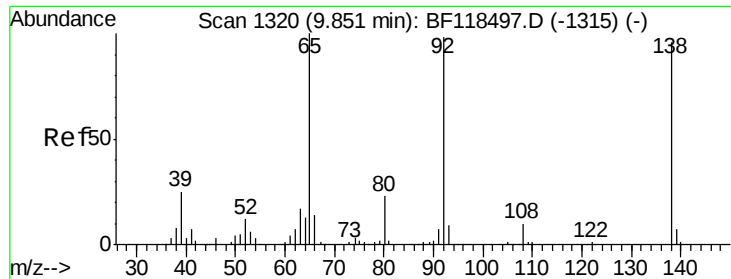


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

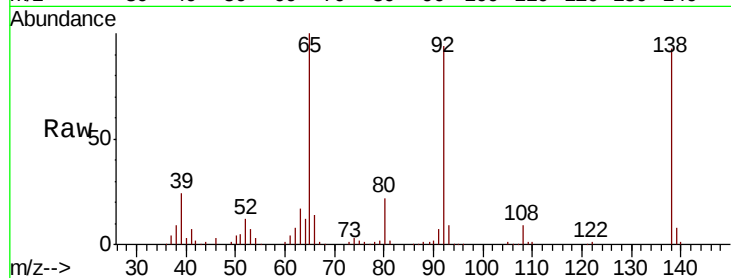




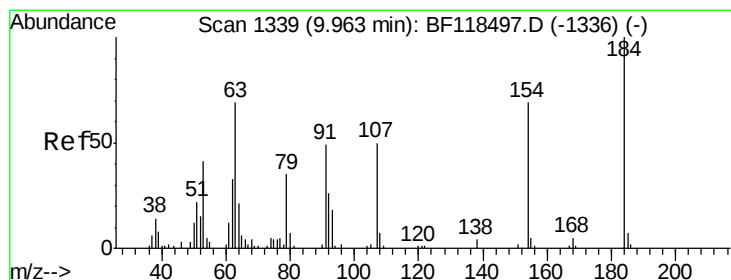
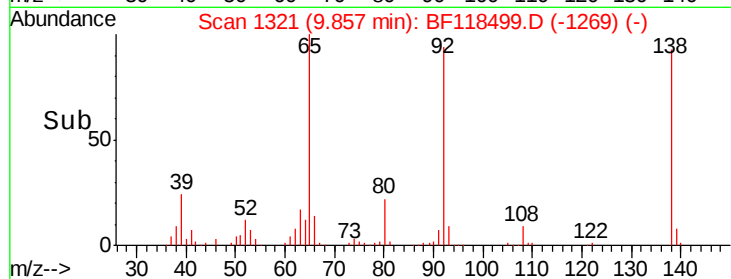
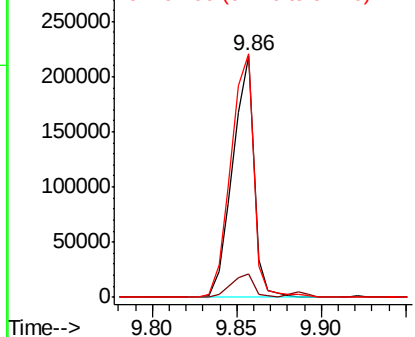
#53
3-Nitroaniline
Concen: 56.179 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 192481
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 101.0 81.6 122.4

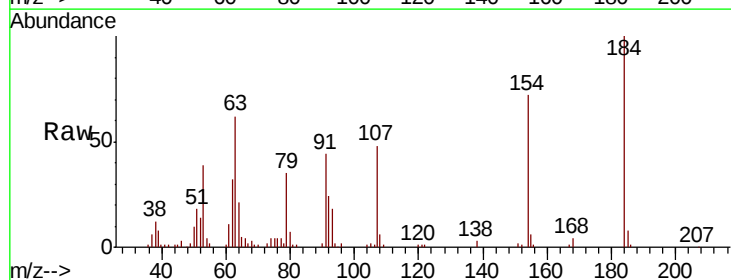


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

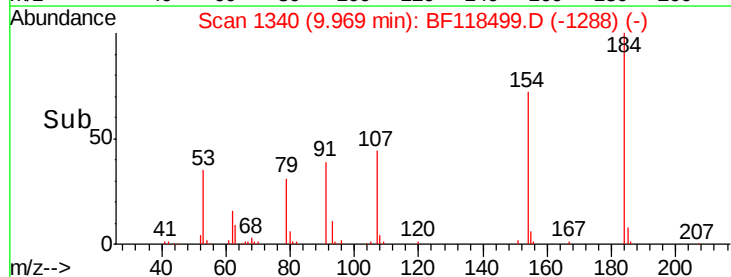
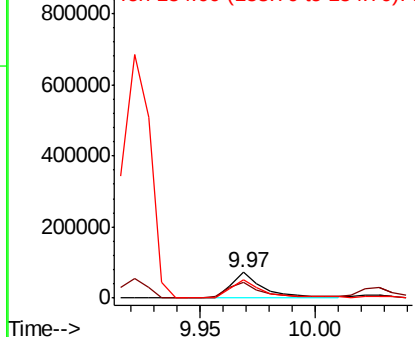


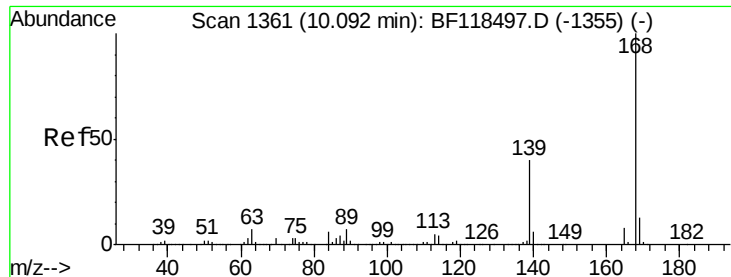
#54
2,4-Dinitrophenol
Concen: 60.043 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:184 Resp: 71086
Ion Ratio Lower Upper
184 100
63 62.3 55.3 82.9
154 72.3 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

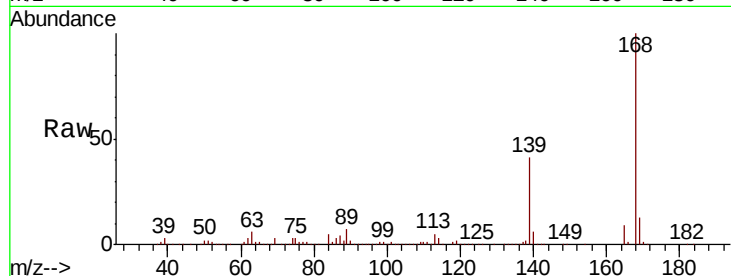




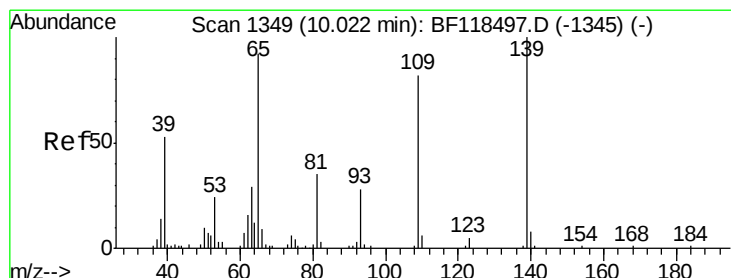
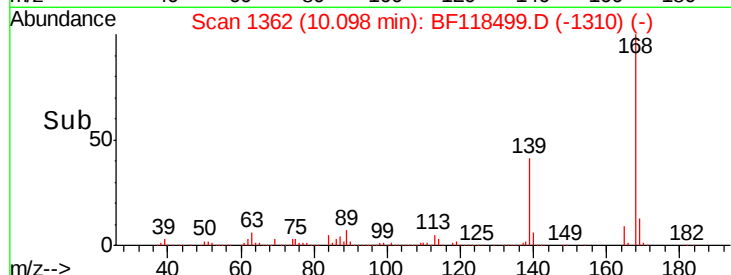
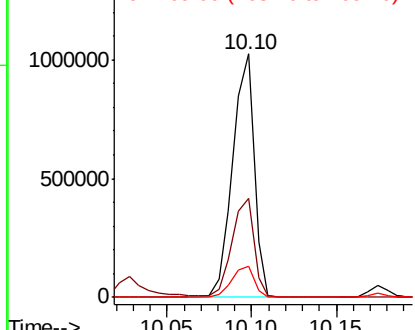
#55
Dibenzofuran
Concen: 59.985 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 905034
Ion Ratio Lower Upper
168 100
139 40.8 32.5 48.7
169 13.0 10.6 16.0

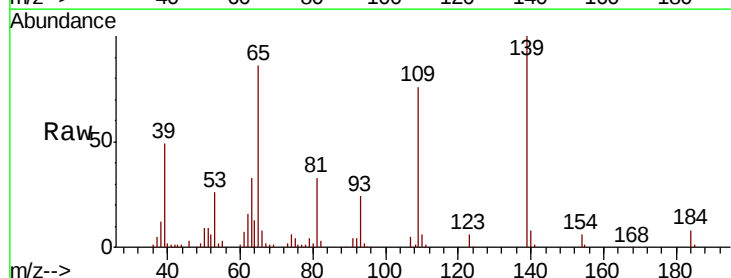


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

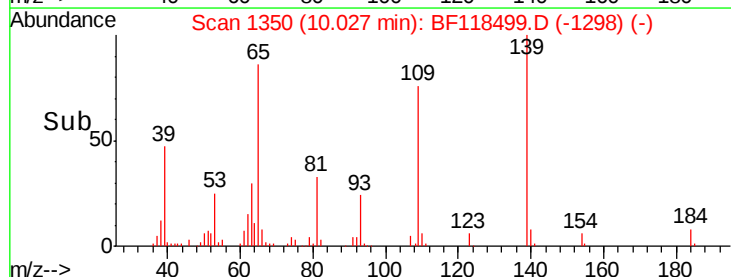
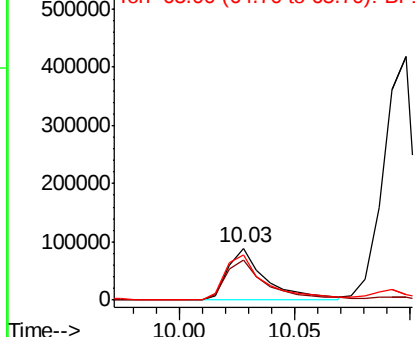


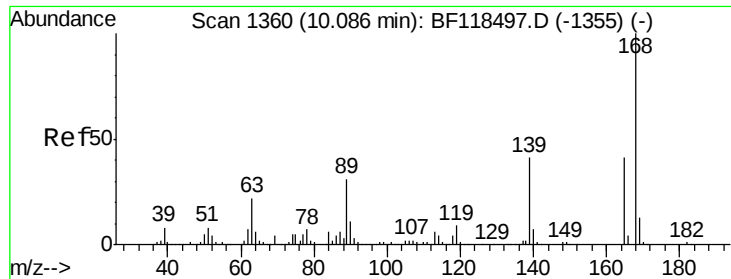
#56
4-Nitrophenol
Concen: 62.987 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:139 Resp: 103785
Ion Ratio Lower Upper
139 100
109 75.7 62.2 102.2
65 85.7 72.8 112.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

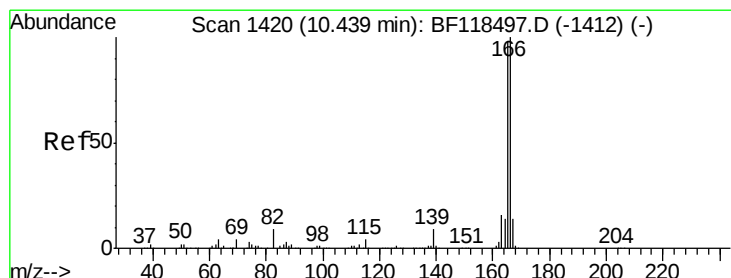
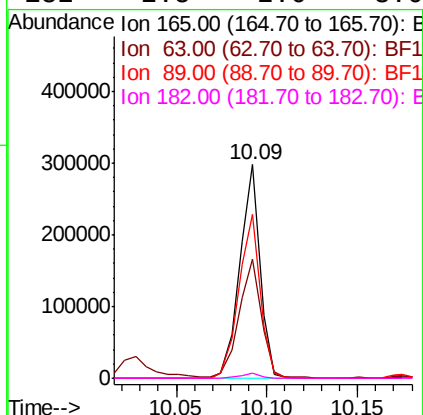
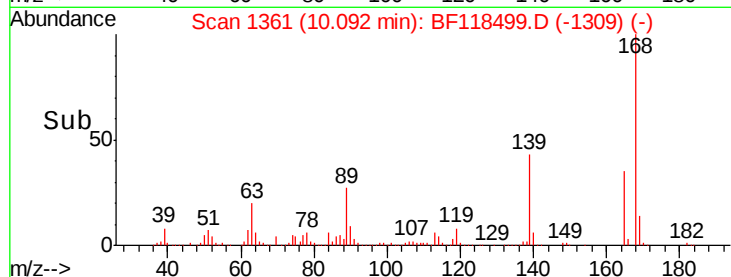
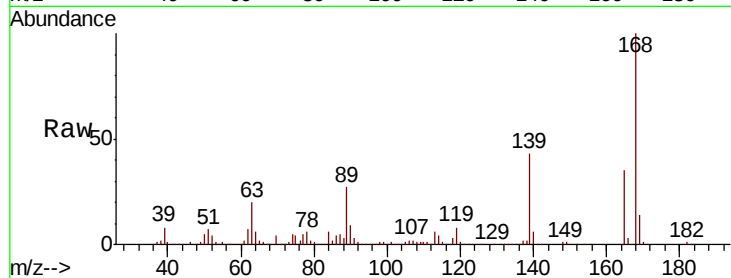




#57
2,4-Dinitrotoluene
Concen: 59.841 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

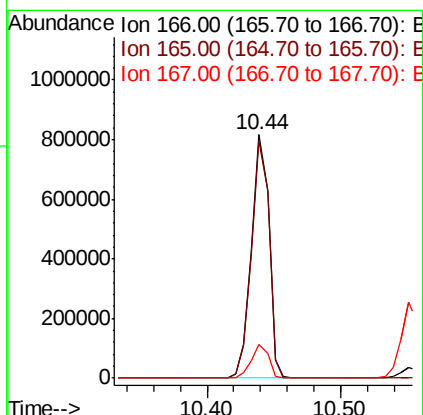
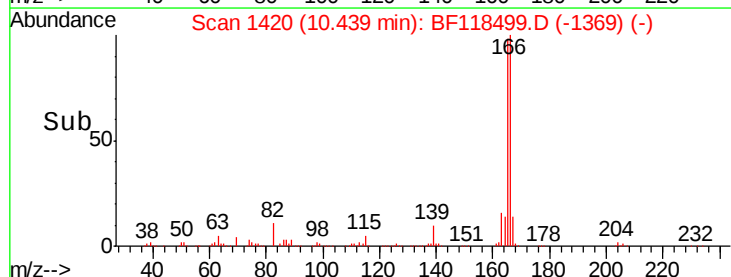
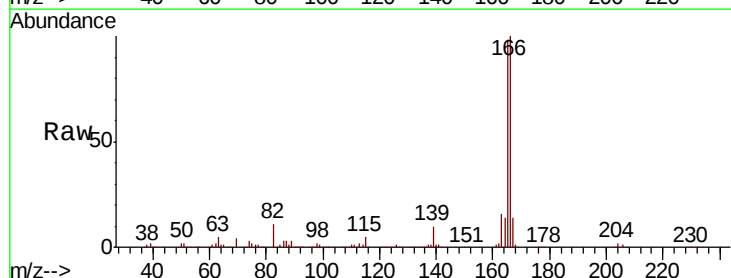
Instrument :
BNA_F
ClientSampleId :

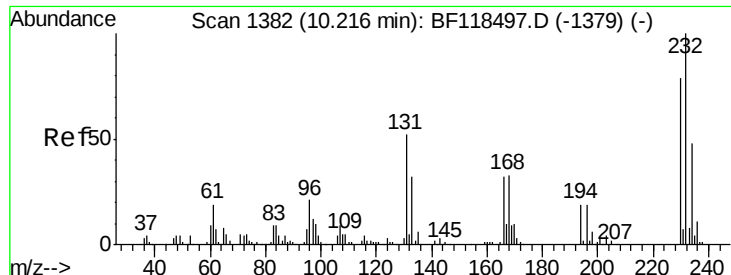
Tot Ion:165 Resp: 230470
Ion Ratio Lower Upper
165 100
63 55.6 44.1 66.1
89 76.9 60.4 90.6
182 2.5 2.0 3.0



#58
Fluorene
Concen: 59.051 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:166 Resp: 730563
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.7 10.8 16.2

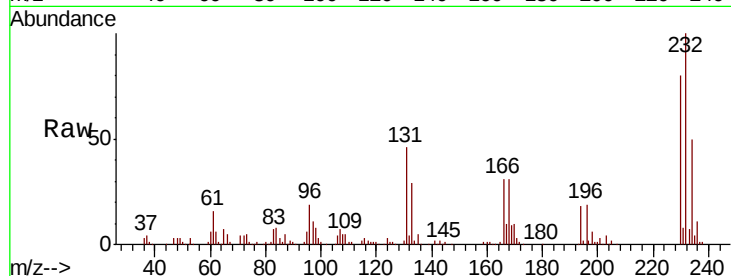




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 60.490 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	42.2	63.4
130	2.8	2.1	3.1
166	31.9	25.7	38.5



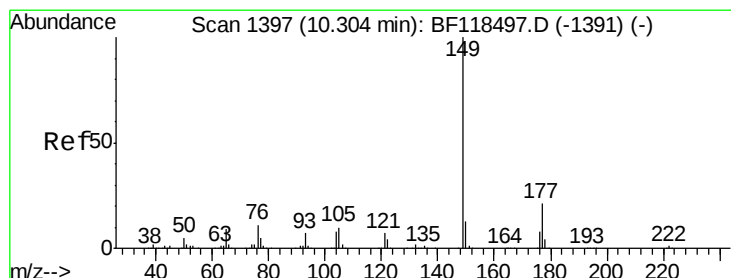
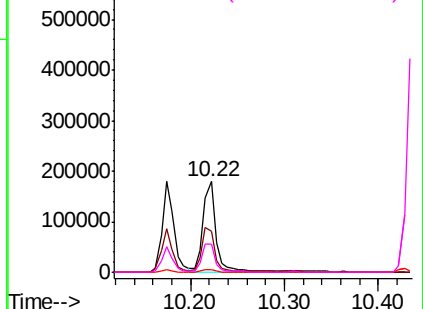
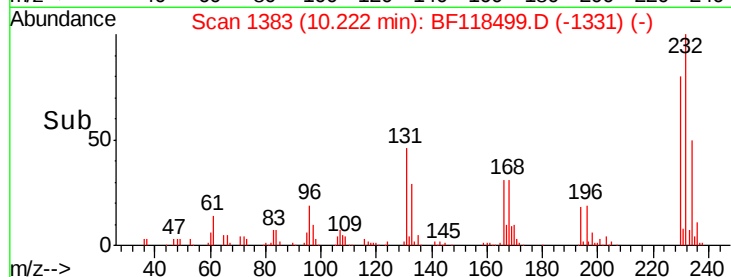
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

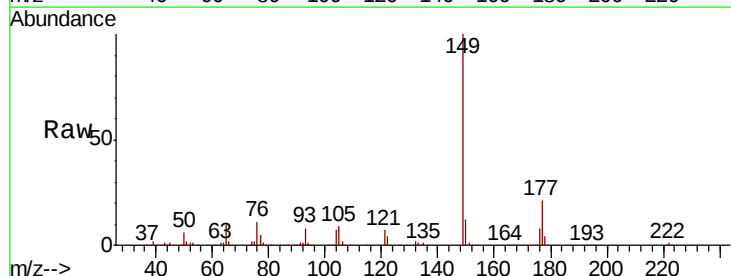
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 59.943 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.5	24.7
150	12.5	10.2	15.2

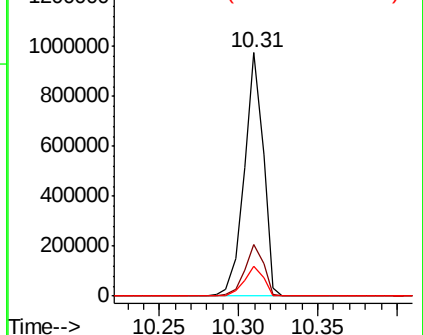
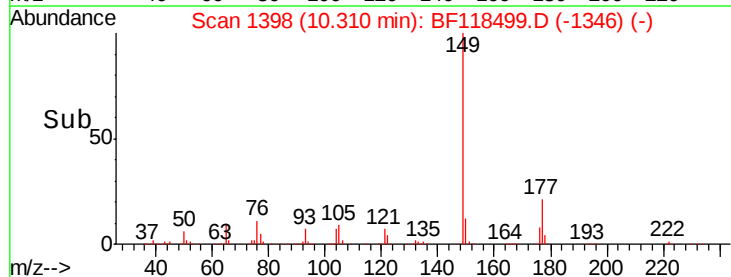


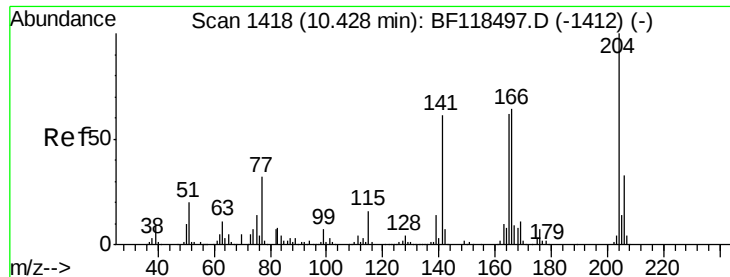
Abundance

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

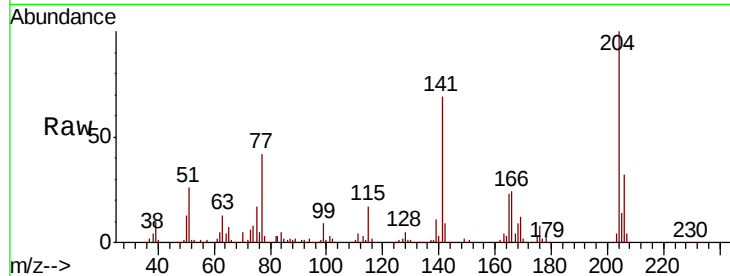




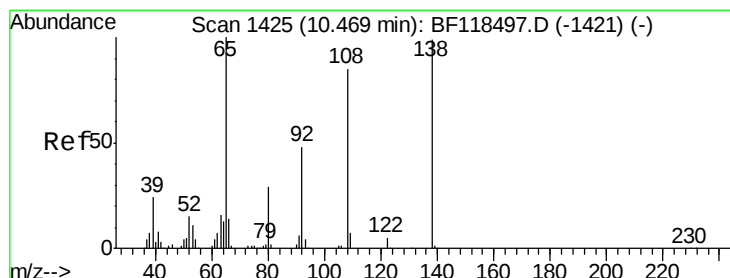
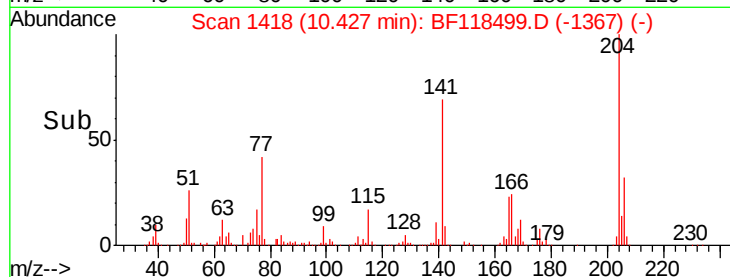
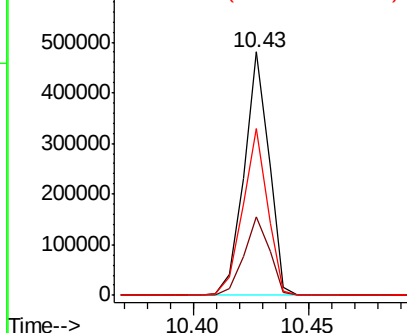
#61
4-Chlorophenyl-phenylether
Concen: 58.688 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 362891
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 68.7 49.0 73.6

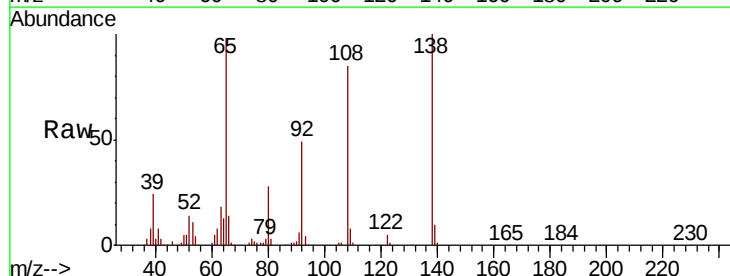


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

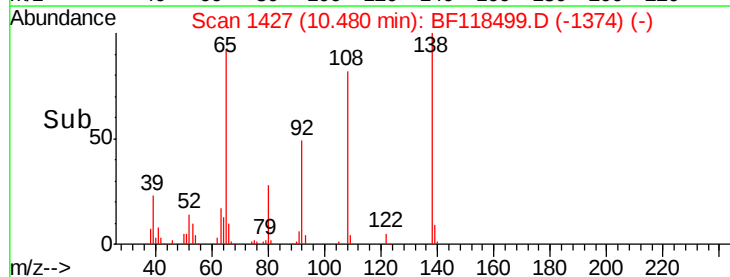
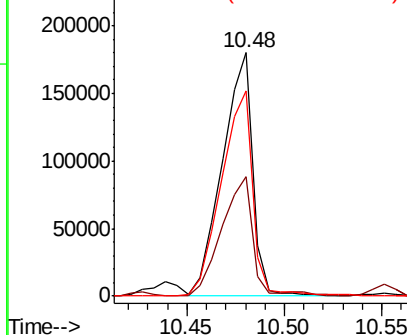


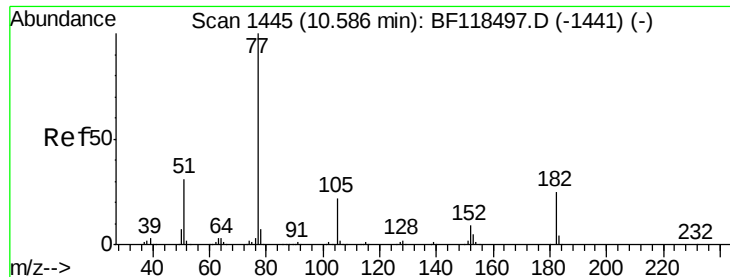
#62
4-Nitroaniline
Concen: 55.040 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:138 Resp: 193009
Ion Ratio Lower Upper
138 100
92 48.9 27.9 67.9
108 84.5 64.7 104.7



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

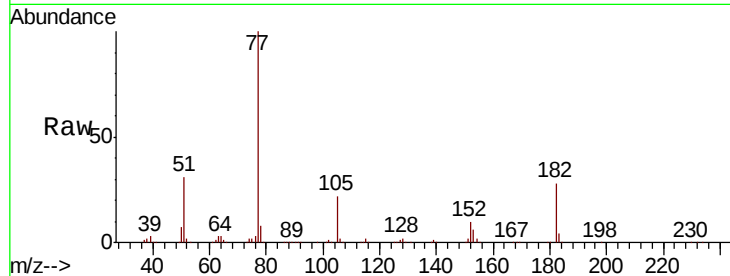




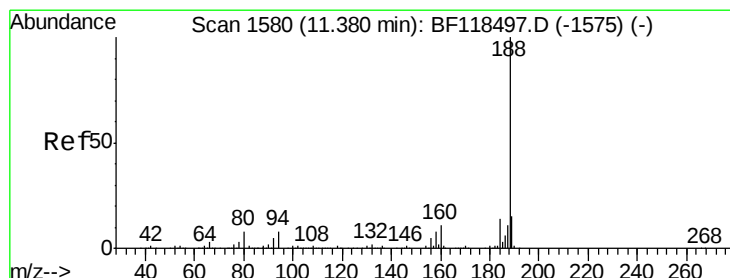
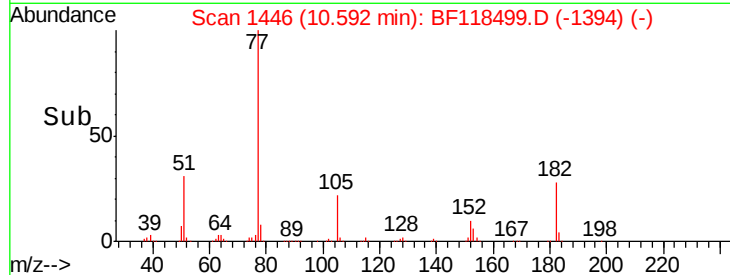
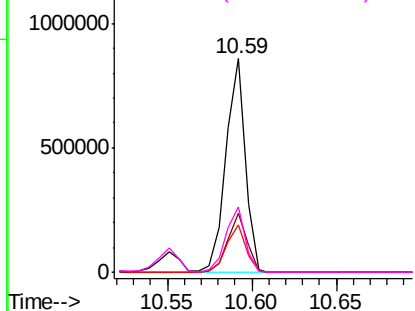
#63
Azobenzene
Concen: 59.237 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 684259
Ion Ratio Lower Upper
77 100
182 27.7 5.2 45.2
105 22.1 1.7 41.7
51 30.7 11.2 51.2

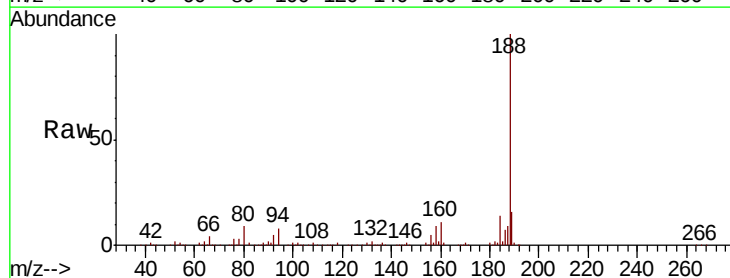


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

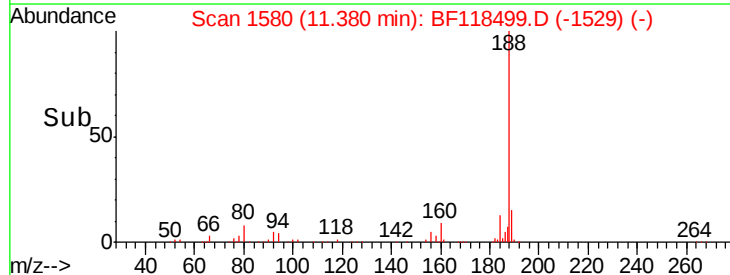
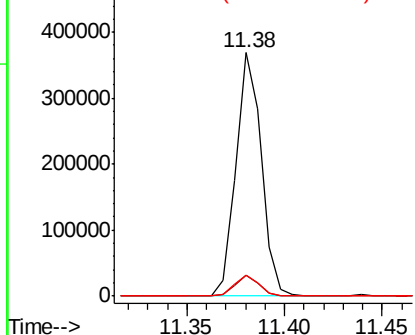


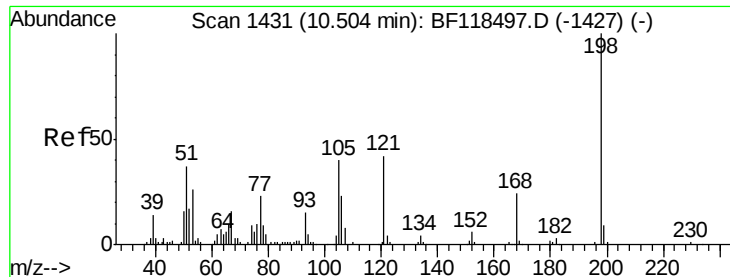
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion: 188 Resp: 332483
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.4
80 8.7 6.6 10.0



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

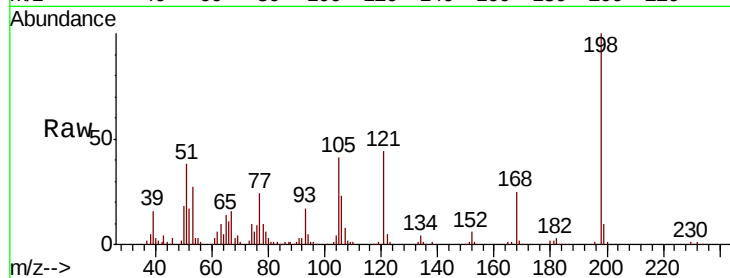




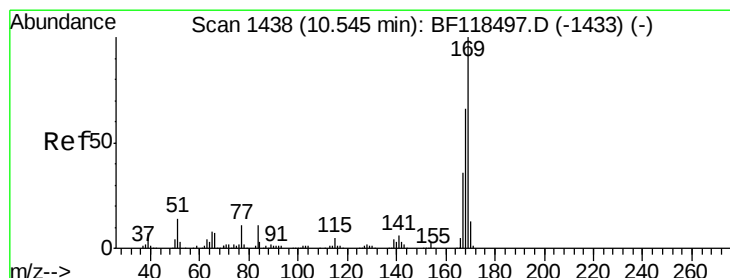
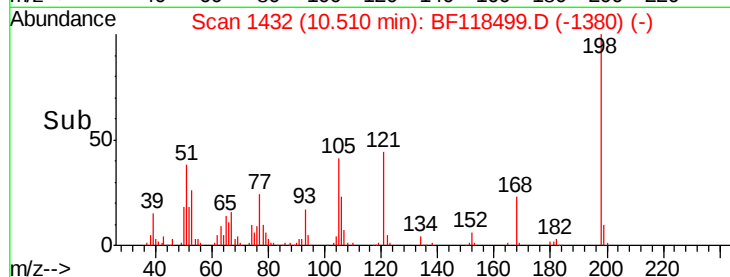
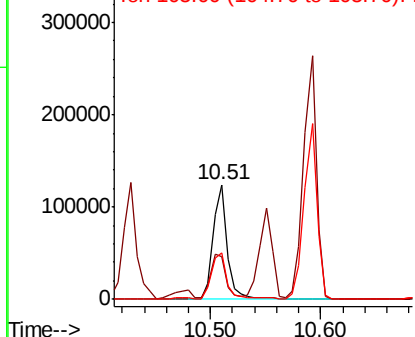
#65
4,6-Dinitro-2-methylphenol
Concen: 57.535 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 109477
Ion Ratio Lower Upper
198 100
51 37.7 17.8 57.8
105 41.1 20.1 60.1

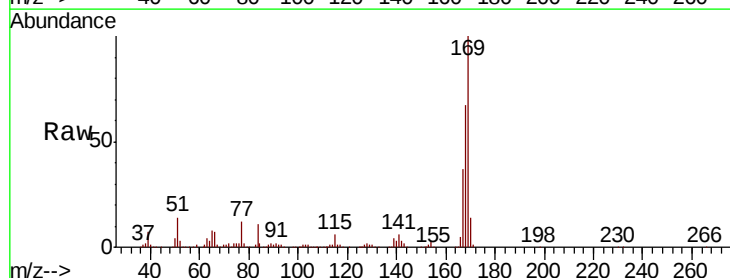


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

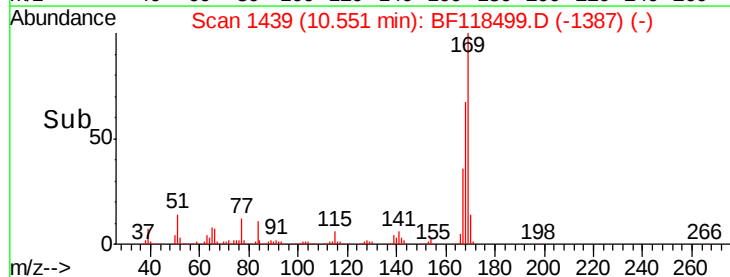
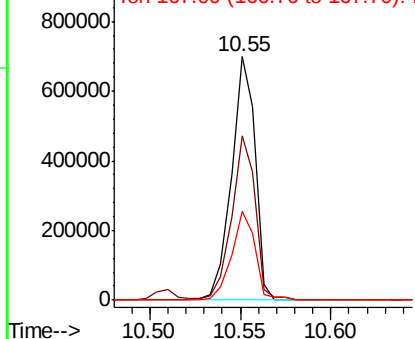


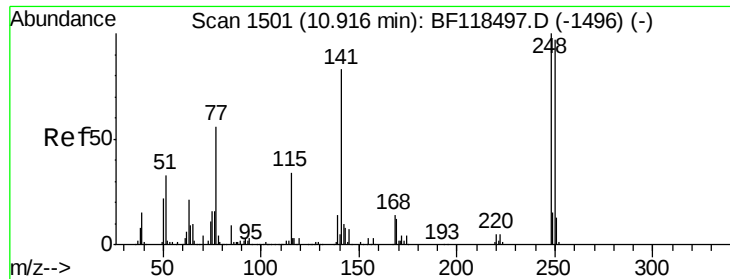
#66
n-Nitrosodiphenylamine
Concen: 55.492 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:169 Resp: 631770
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 36.6 28.9 43.3



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

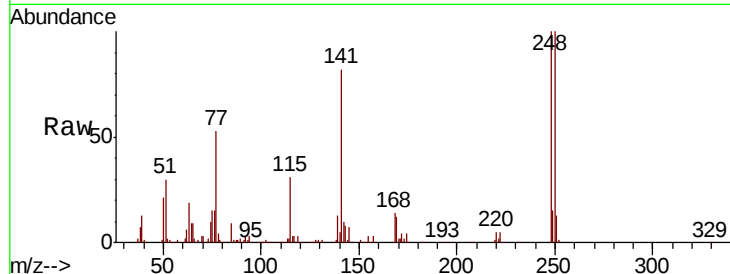




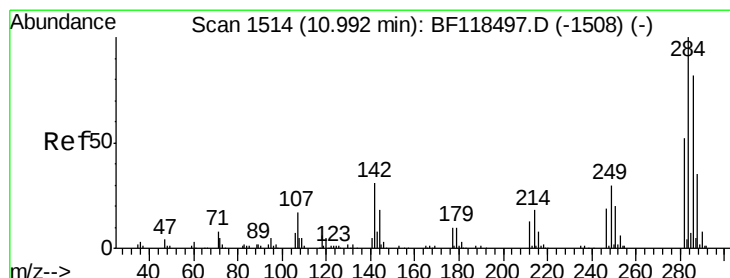
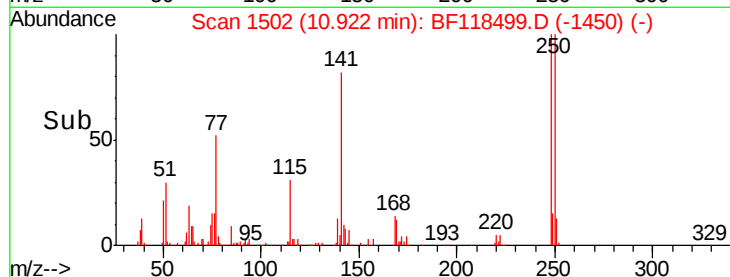
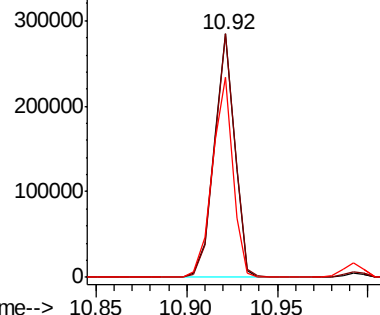
#67
4-Bromophenyl-phenylether
Concen: 53.104 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 223856
Ion Ratio Lower Upper
248 100
250 100.0 77.4 116.0
141 82.4 66.2 99.4

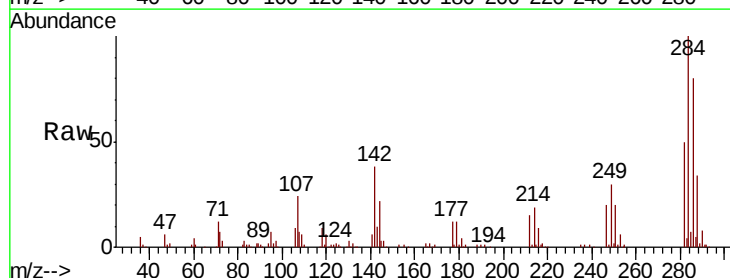


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

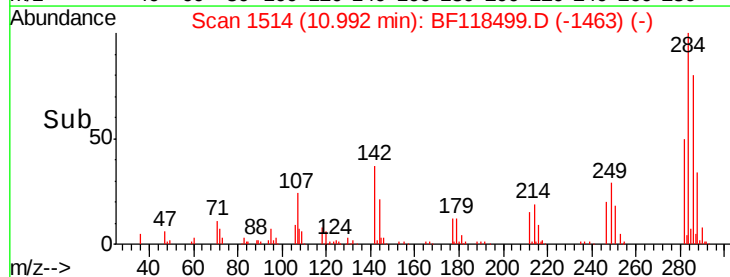
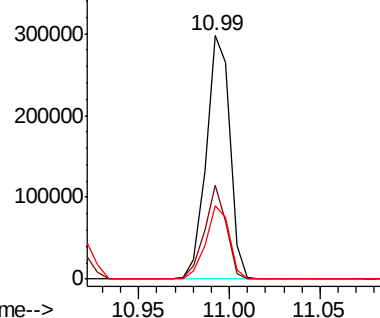


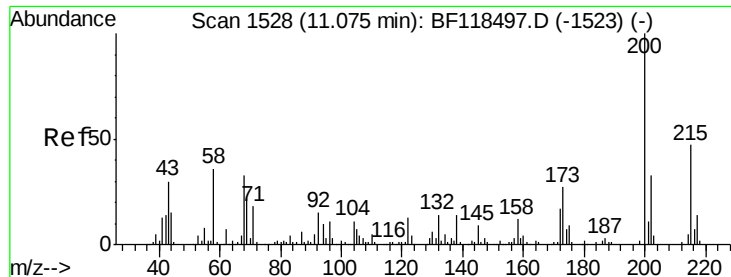
#68
Hexachlorobenzene
Concen: 53.969 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:284 Resp: 270677
Ion Ratio Lower Upper
284 100
142 38.3 24.6 37.0#
249 30.2 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

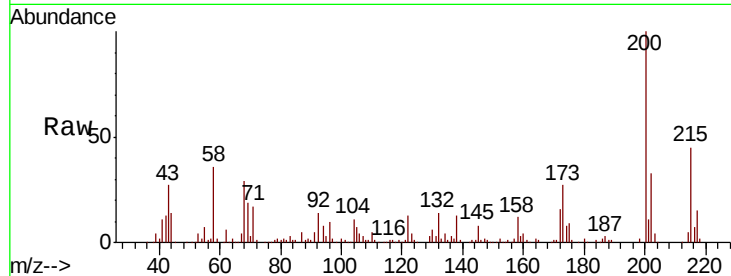




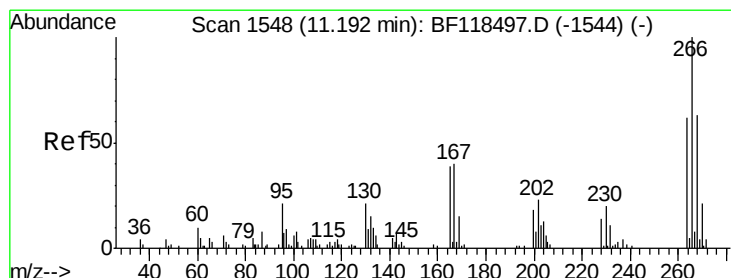
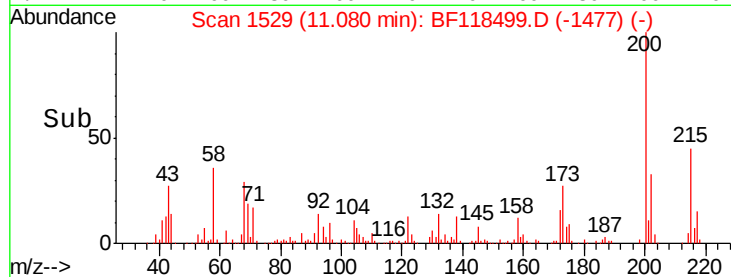
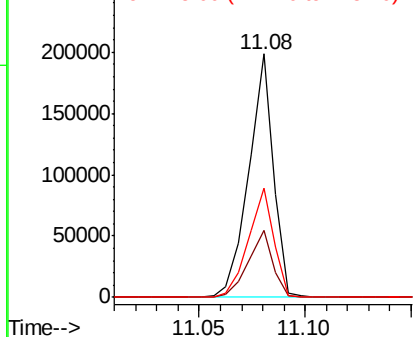
#69
Atrazine
Concen: 46.075 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 161308
Ion Ratio Lower Upper
200 100
173 27.4 7.0 47.0
215 45.0 27.0 67.0

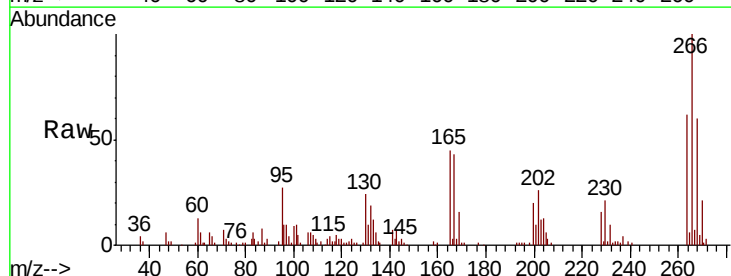


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

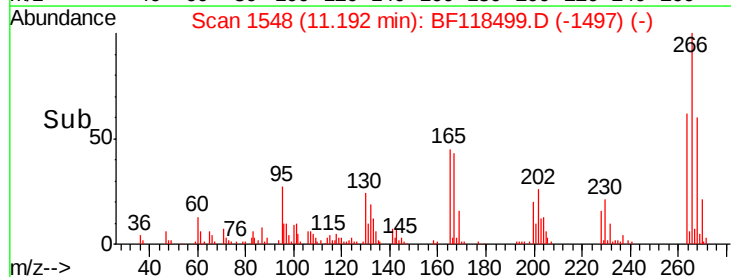
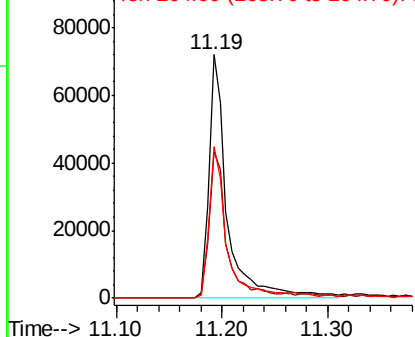


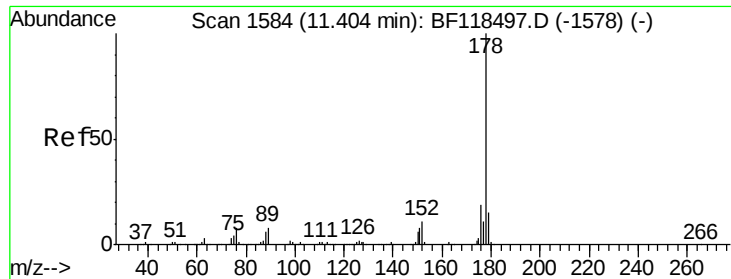
#70
Pentachlorophenol
Concen: 56.092 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:266 Resp: 87420
Ion Ratio Lower Upper
266 100
268 60.3 50.2 75.2
264 62.2 49.4 74.0



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

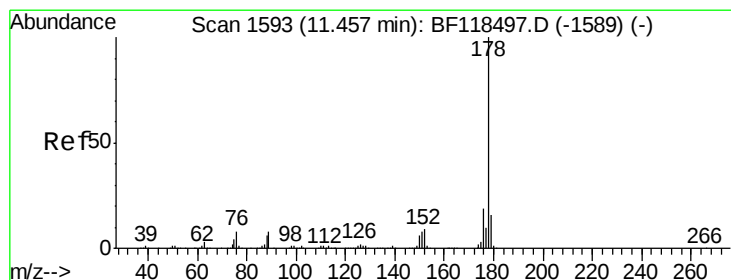
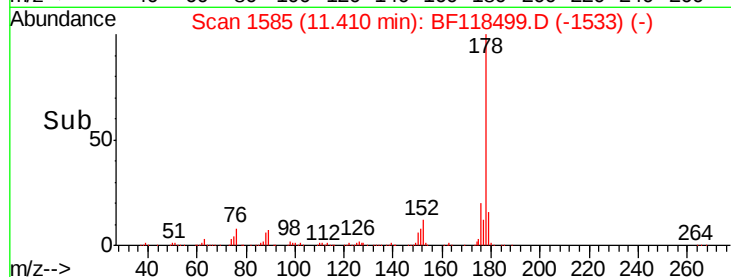
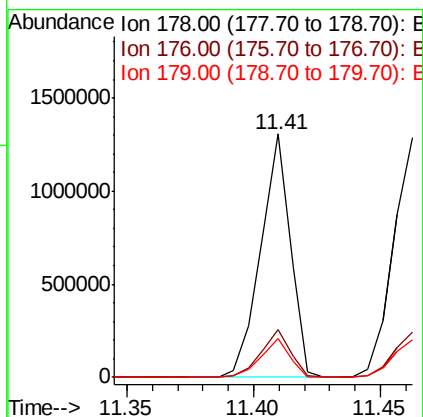
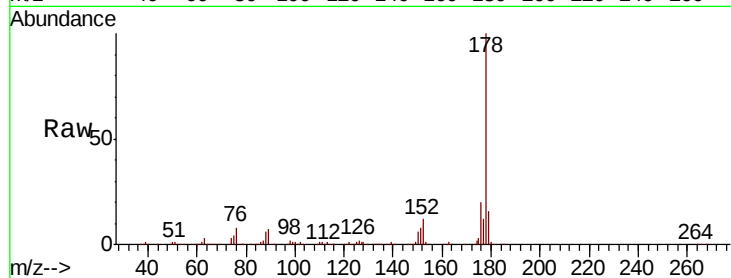




#71
Phenanthrene
Concen: 58.628 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

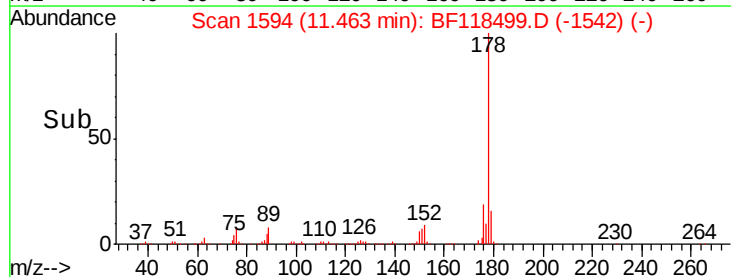
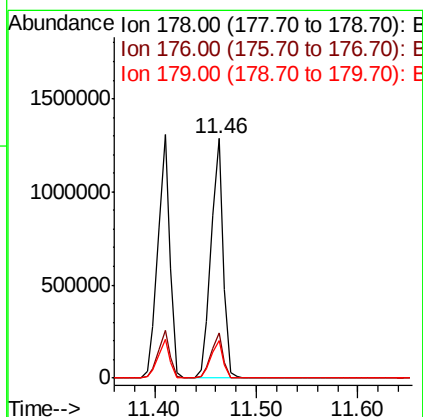
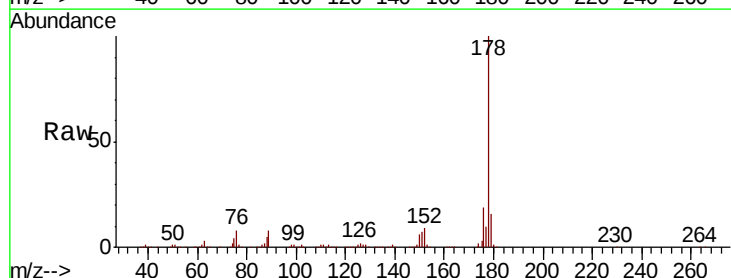
Instrument :
BNA_F
ClientSampleId :

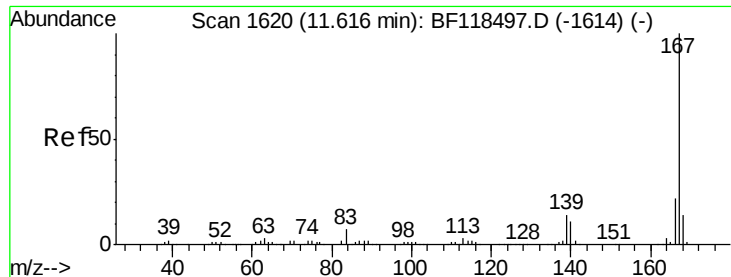
Tot Ion:178 Resp: 1075701
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 16.0 12.3 18.5



#72
Anthracene
Concen: 57.754 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:178 Resp: 1072625
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.6 19.0

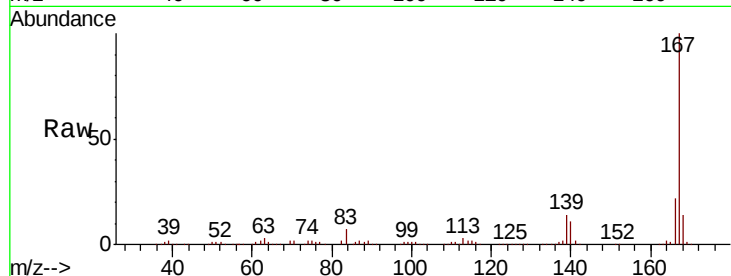




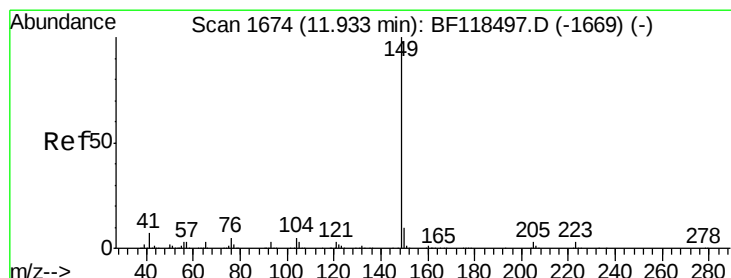
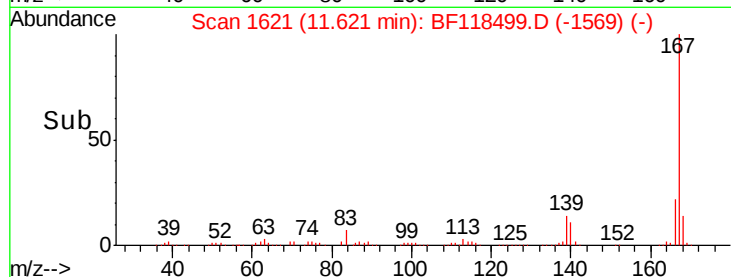
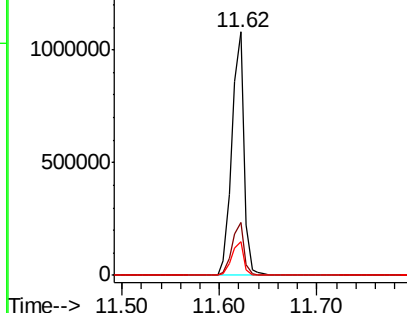
#73
 Carbazole
 Concen: 54.964 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 936002
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.9 10.9 16.3

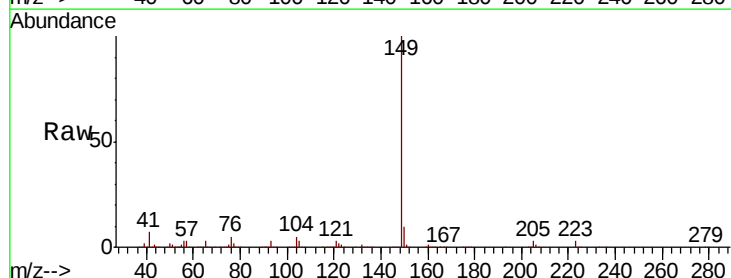


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

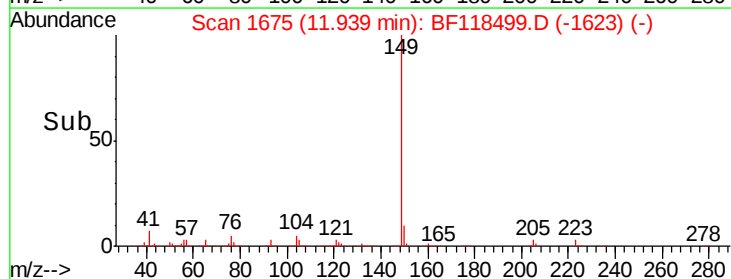
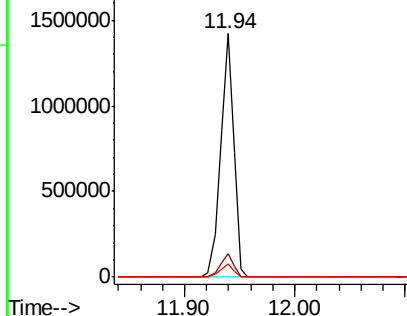


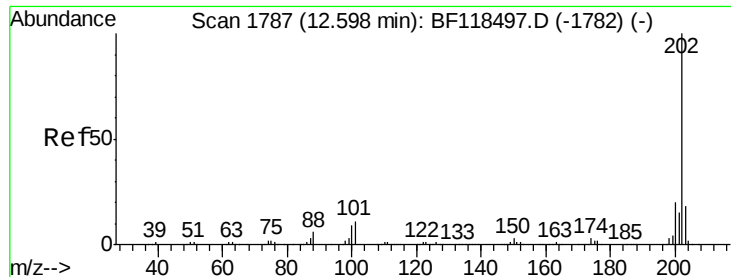
#74
 Di-n-butylphthalate
 Concen: 52.720 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Tgt Ion:149 Resp: 1177443
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.5 4.2 6.4



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

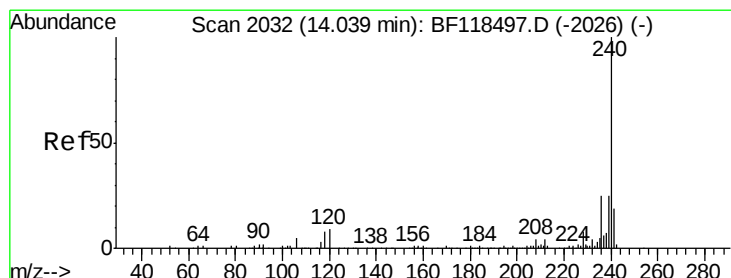
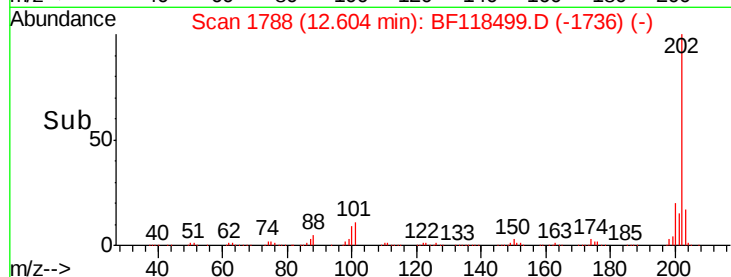
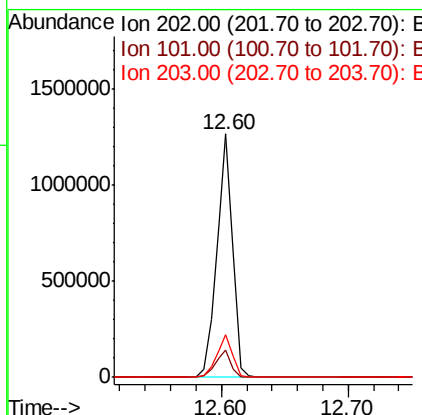
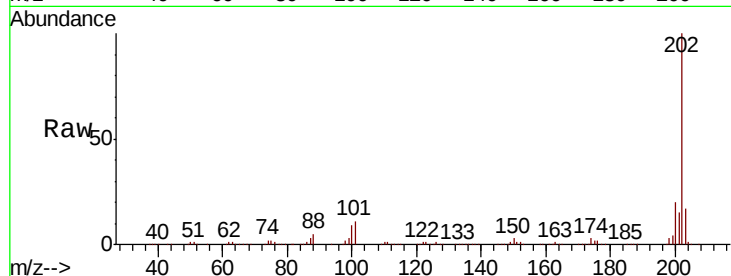




#75
 Fluoranthene
 Concen: 57.260 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

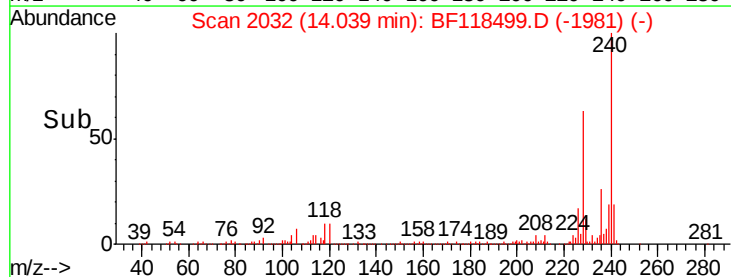
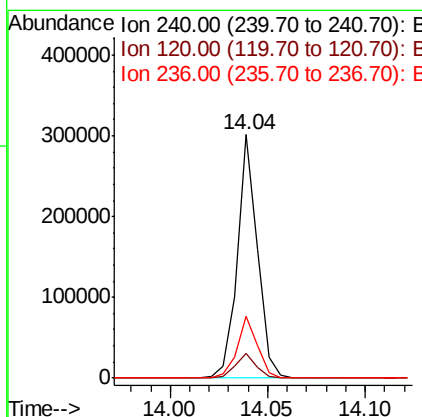
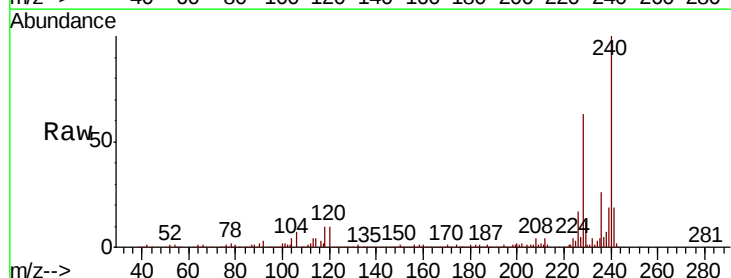
Instrument :
 BNA_F
 ClientSampleId :

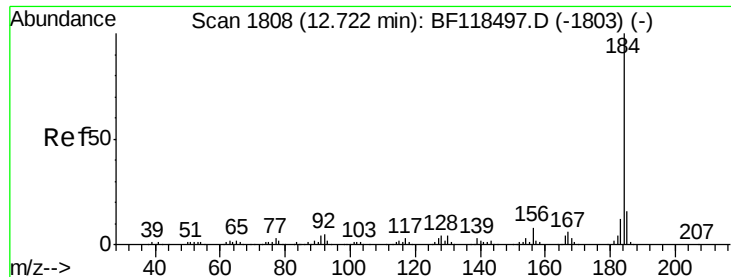
Tot Ion:202 Resp: 1106927
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.4
 203 17.5 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF118499.D
 Acq: 8 Jan 2020 13:41

Tgt Ion:240 Resp: 214661
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.0 10.6
 236 25.7 20.1 30.1





#77

Benzidine

Concen: 48.989 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

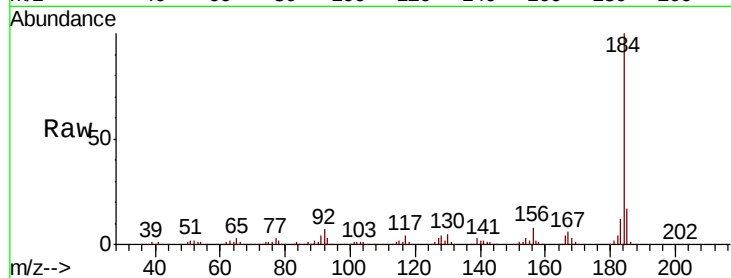
Tot Ion:184 Resp: 297241

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	18.8
183	12.2	9.3	13.9

184 100

185 16.9 12.6 18.8

183 12.2 9.3 13.9

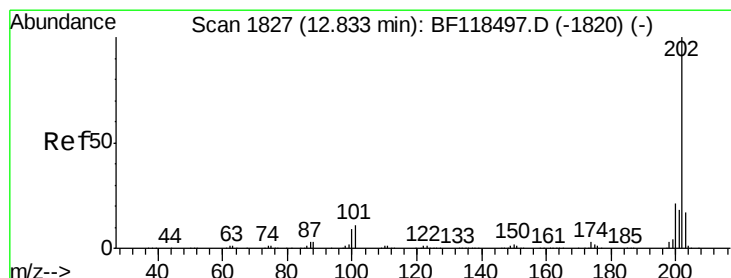
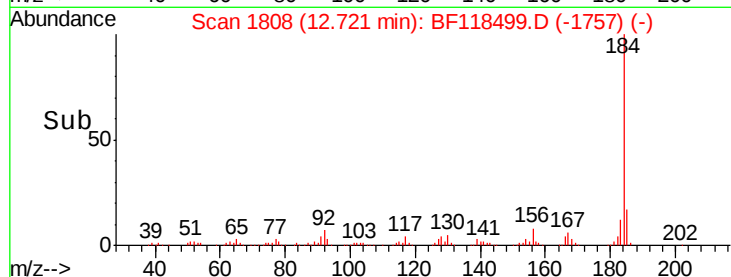
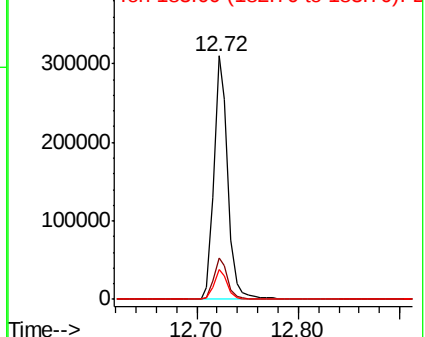


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 60.231 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

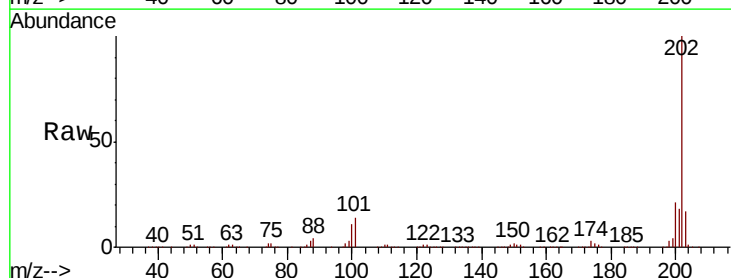
Tgt Ion:202 Resp: 1116645

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	13.9	20.9

202 100

200 20.8 16.9 25.3

203 17.5 13.9 20.9

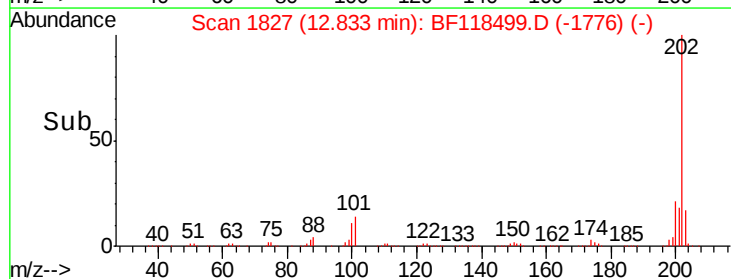
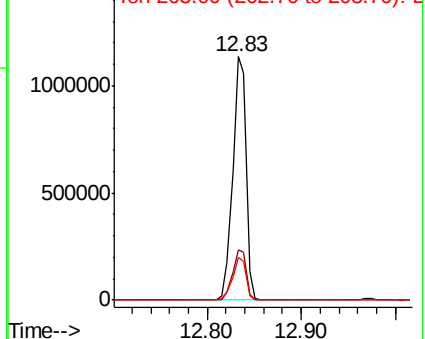


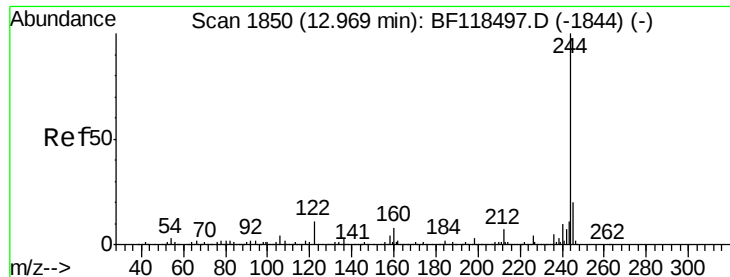
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 126.949 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

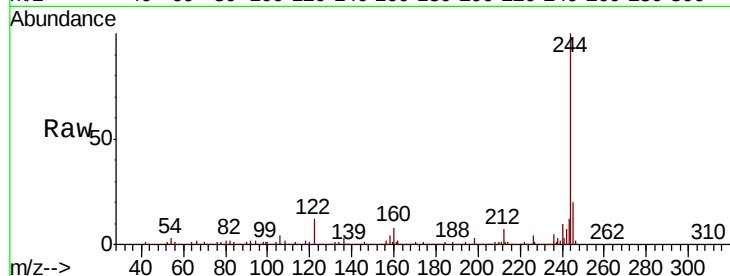
Tot Ion:244 Resp: 1779094

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

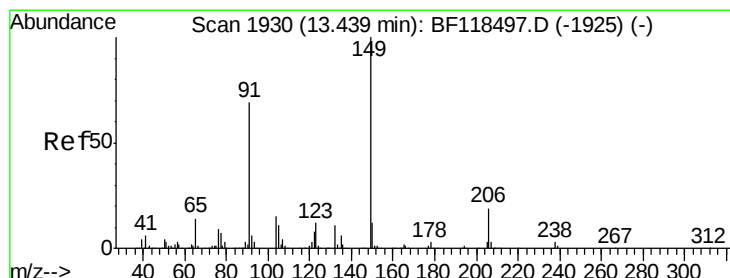
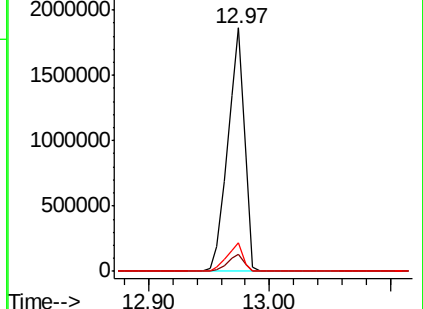
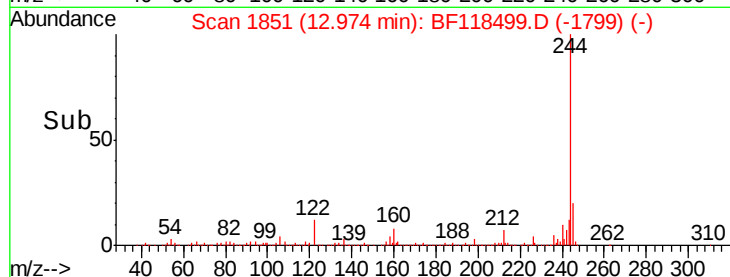
122 11.8 9.0 13.6



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: 61.347 ng

RT: 13.44 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

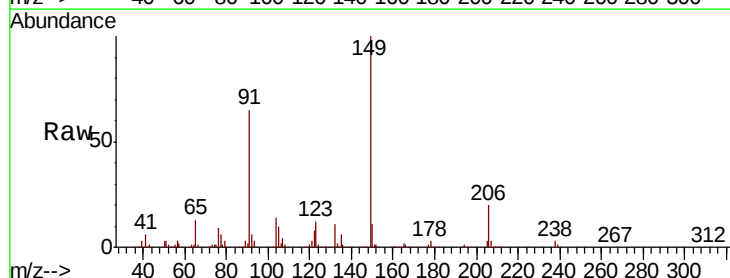
Tgt Ion:149 Resp: 501072

Ion Ratio Lower Upper

149 100

91 65.1 55.2 82.8

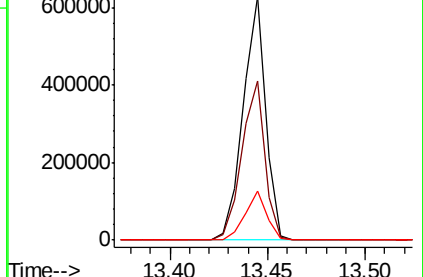
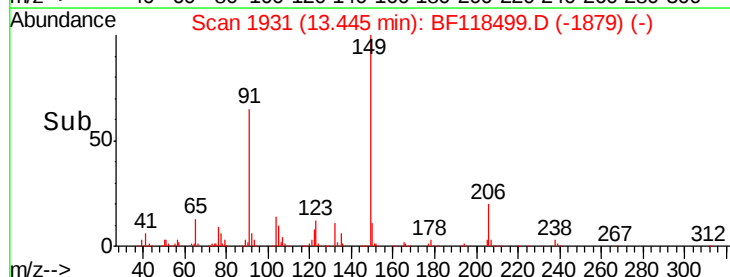
206 20.0 15.1 22.7

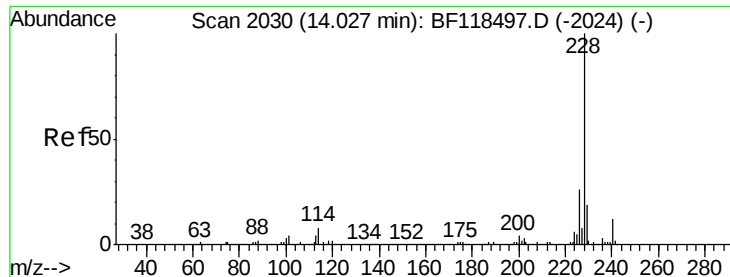


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

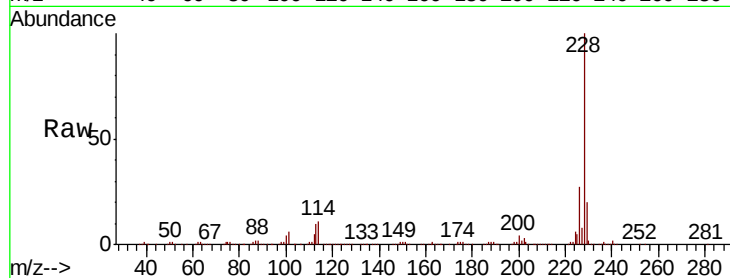




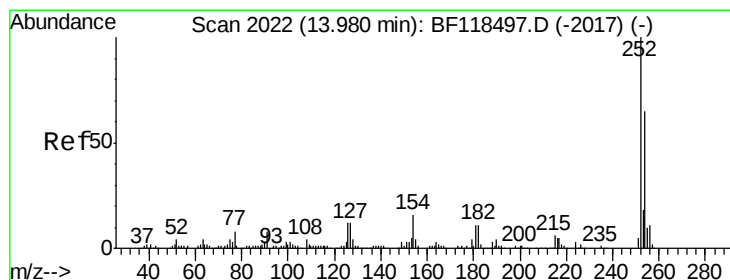
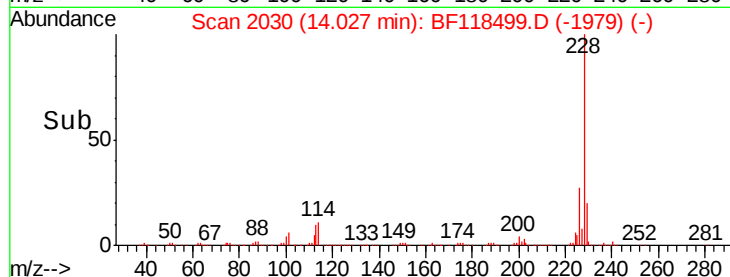
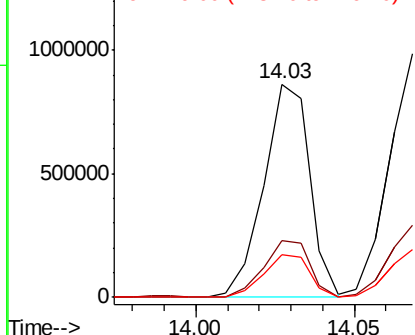
#81
Benzo(a)anthracene
Concen: 57.214 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 873814
Ion Ratio Lower Upper
228 100
226 26.7 20.7 31.1
229 20.0 15.4 23.2

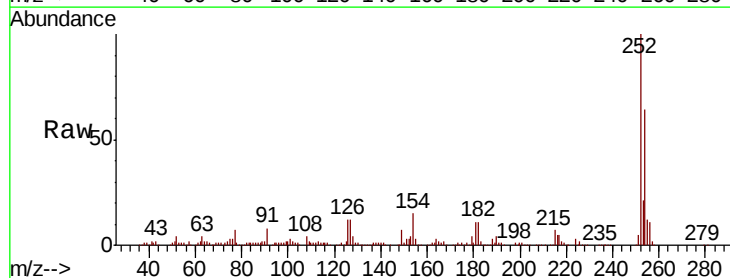


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

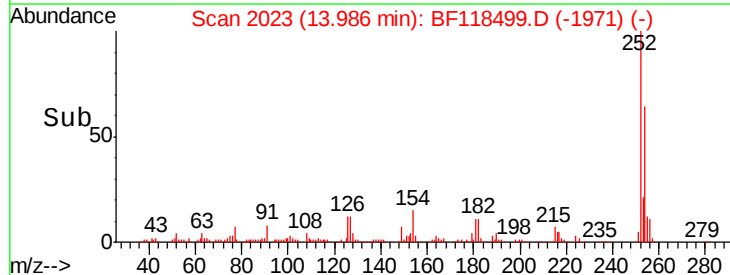
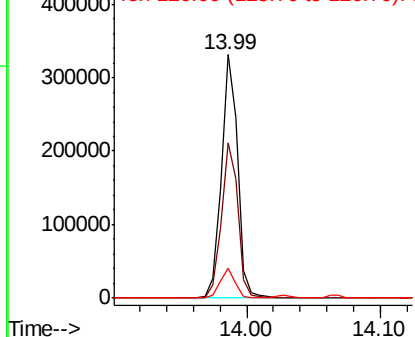


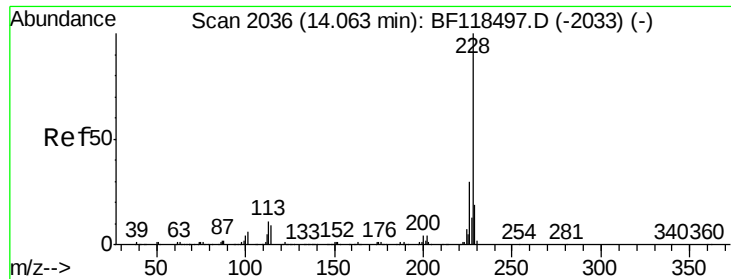
#82
3,3'-Dichlorobenzidine
Concen: 58.710 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:252 Resp: 284466
Ion Ratio Lower Upper
252 100
254 64.0 52.1 78.1
126 12.1 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: 57.080 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

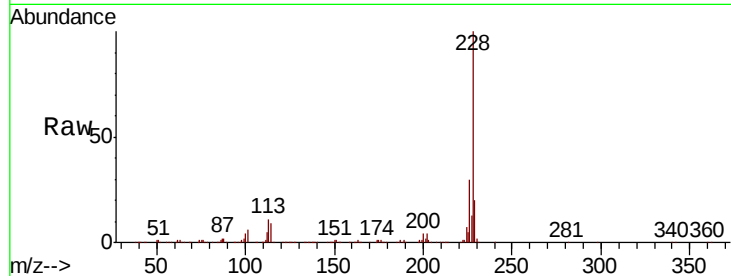
Tot Ion:228 Resp: 835754

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

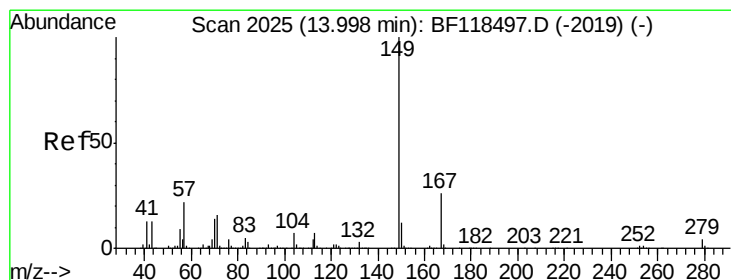
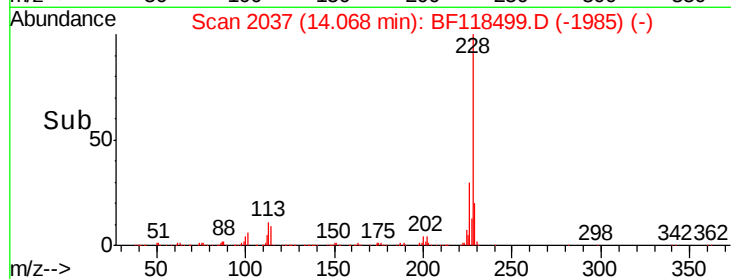
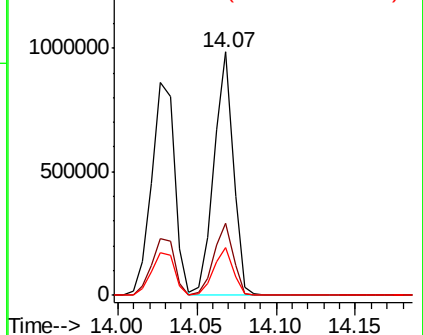
229 19.8 15.6 23.4



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: 64.220 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

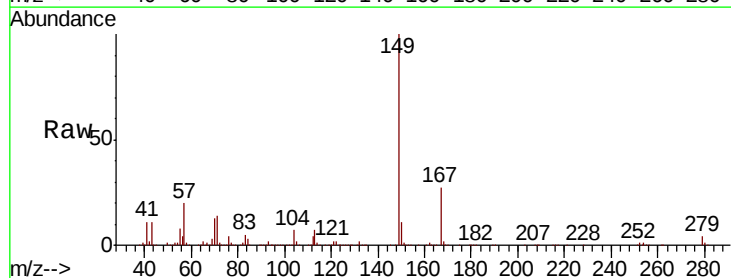
Tgt Ion:149 Resp: 656317

Ion Ratio Lower Upper

149 100

167 26.5 20.6 30.8

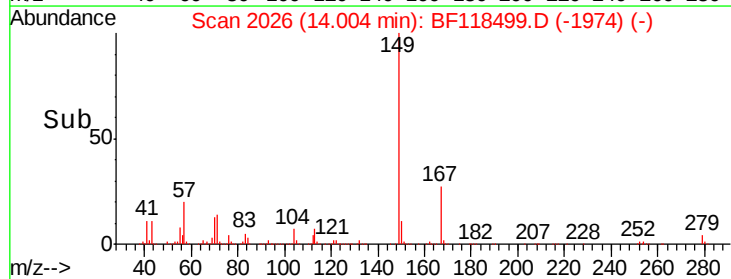
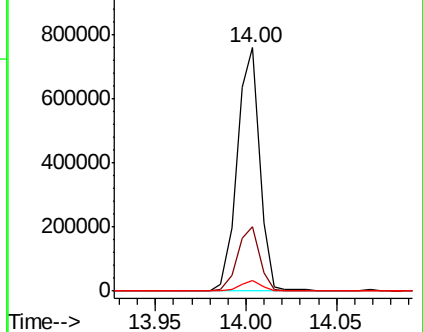
279 4.4 3.1 4.7

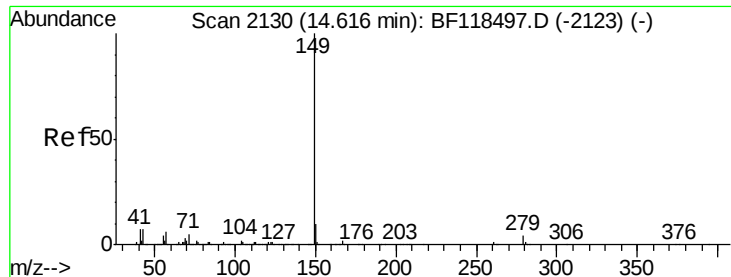


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

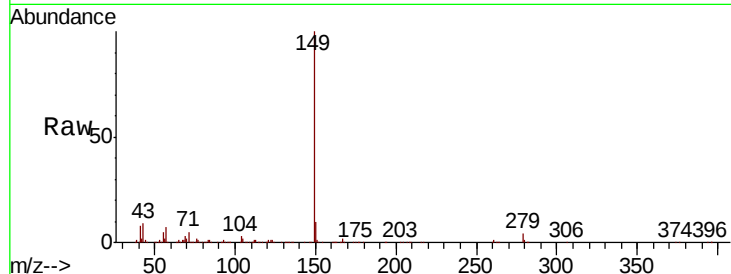




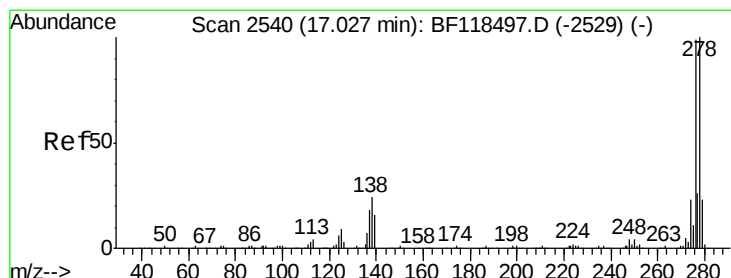
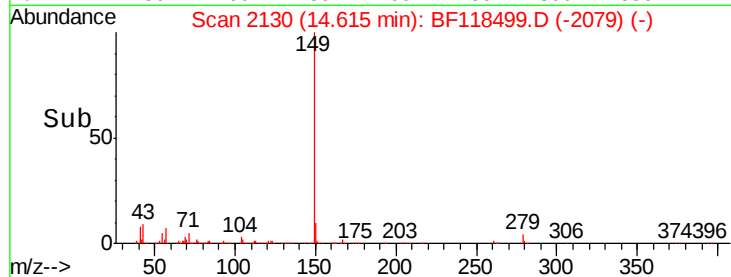
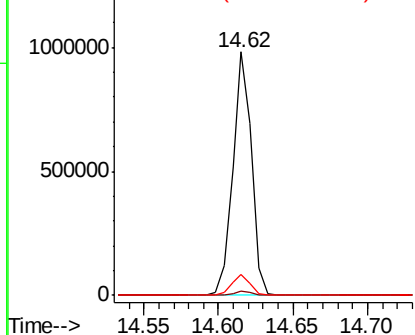
#85
Di-n-octyl phthalate
Concen: 54.894 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	6.4	9.6

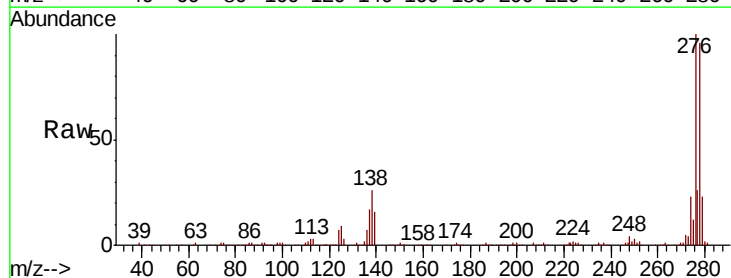


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

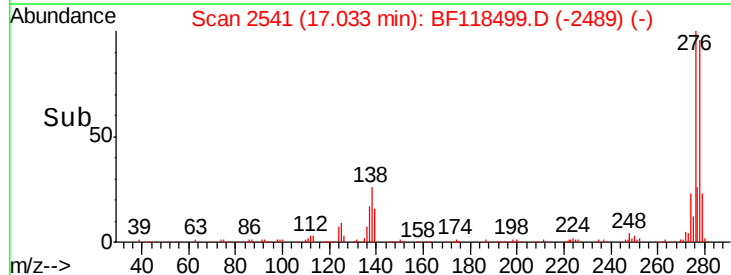
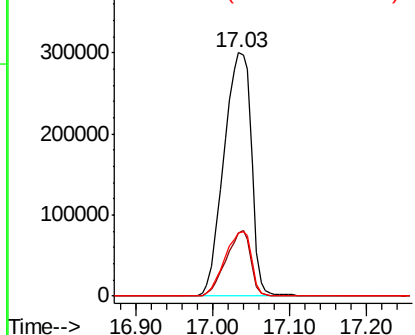


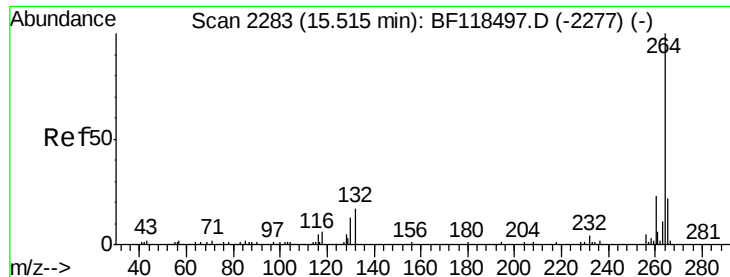
#86
Indeno(1,2,3-cd)pyrene
Concen: 71.616 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.4
277	25.6	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

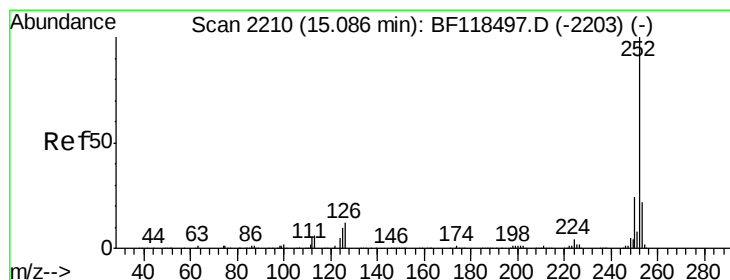
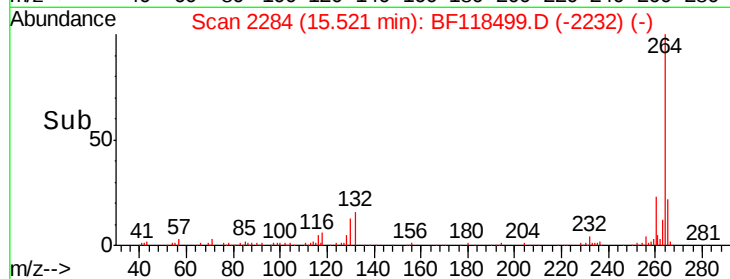
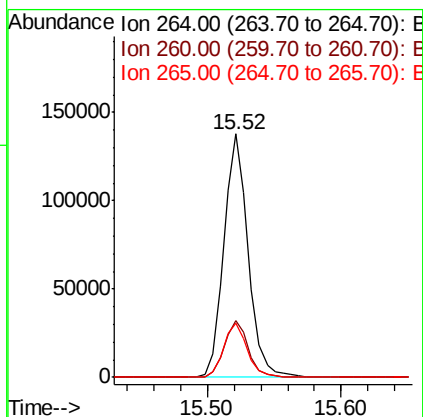
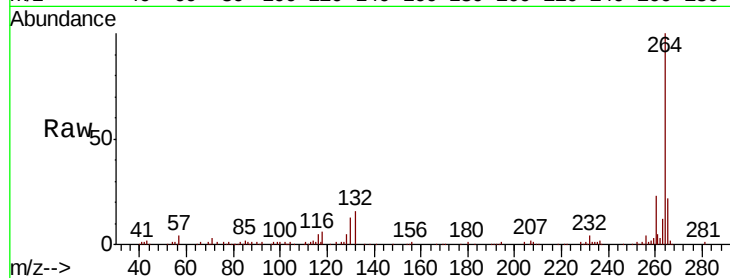




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

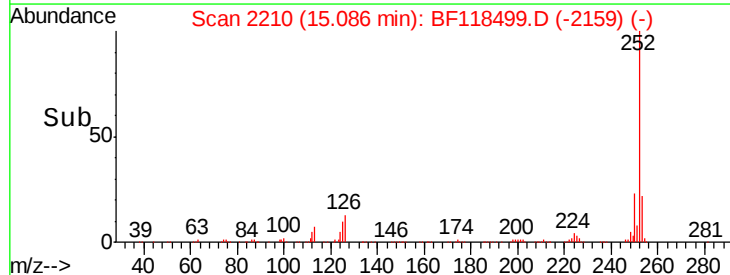
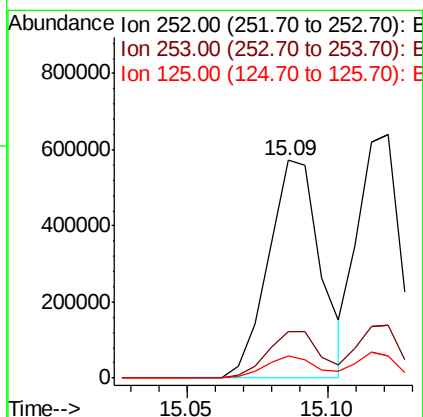
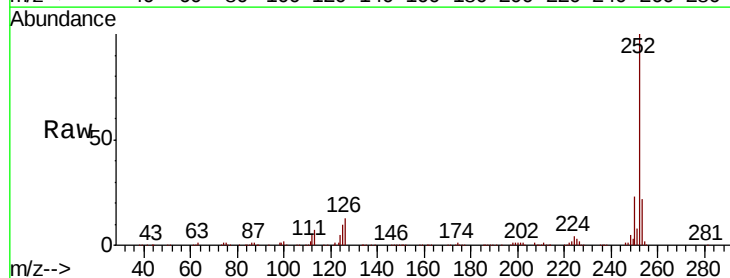
Instrument :
BNA_F
ClientSampleId :

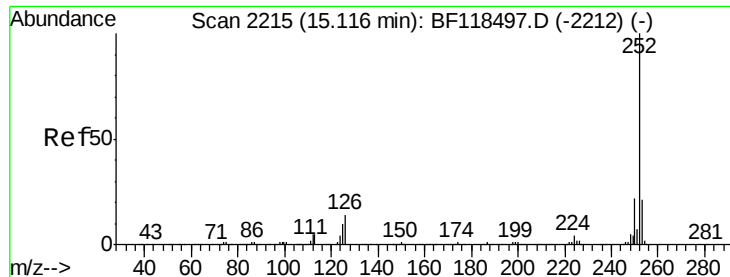
Tot Ion:264 Resp: 176447
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.5 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 59.897 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:252 Resp: 735147
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.2 7.8 11.6

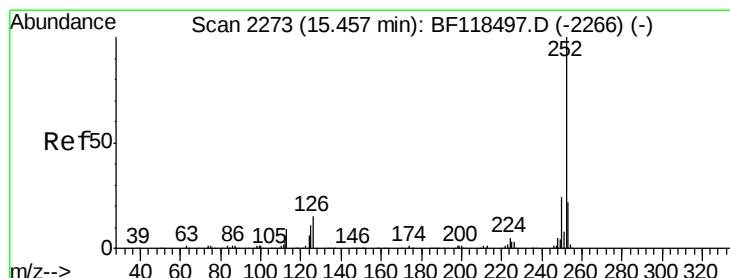
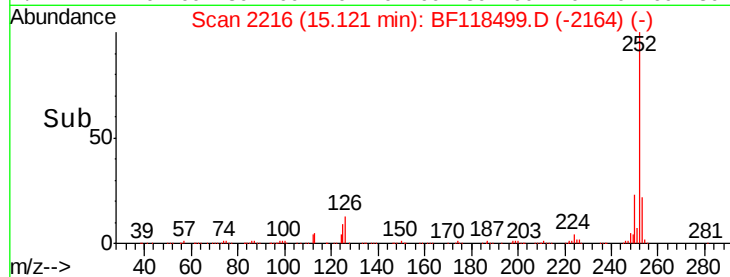
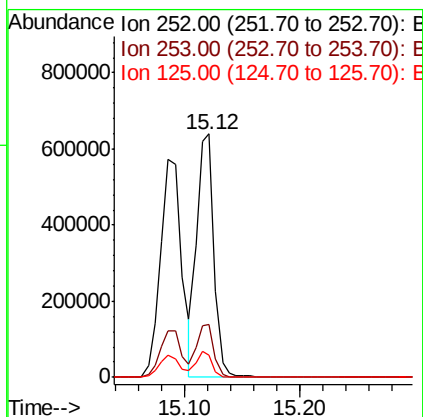
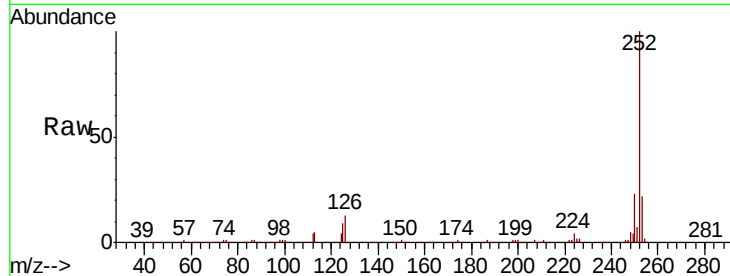




#89
Benzo(k)fluoranthene
Concen: 55.713 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

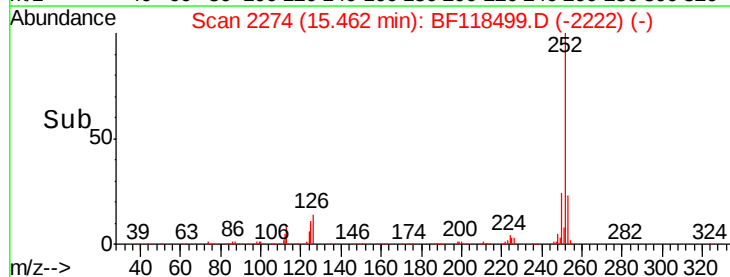
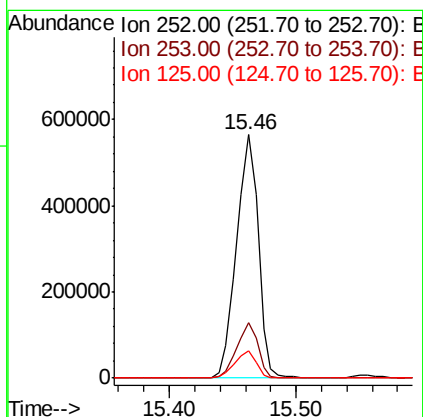
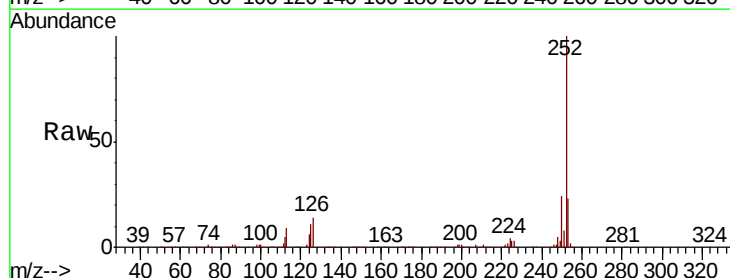
Instrument :
BNA_F
ClientSampleId :

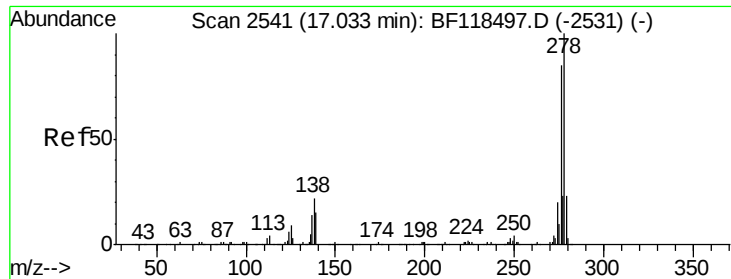
Tot Ion:252 Resp: 672981
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 8.9 7.8 11.6



#90
Benzo(a)pyrene
Concen: 59.709 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF118499.D
Acq: 8 Jan 2020 13:41

Tgt Ion:252 Resp: 668162
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 71.030 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

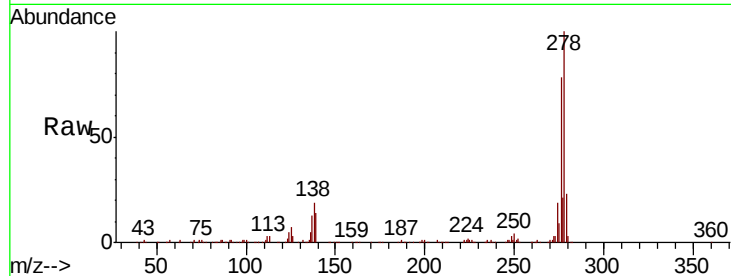
Tot Ion:278 Resp: 619842

Ion Ratio Lower Upper

278 100

139 13.8 11.9 17.9

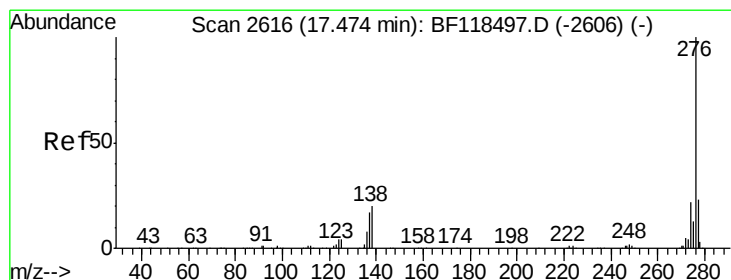
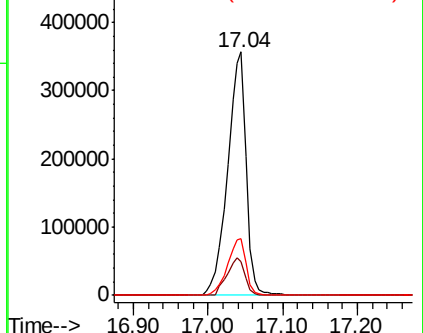
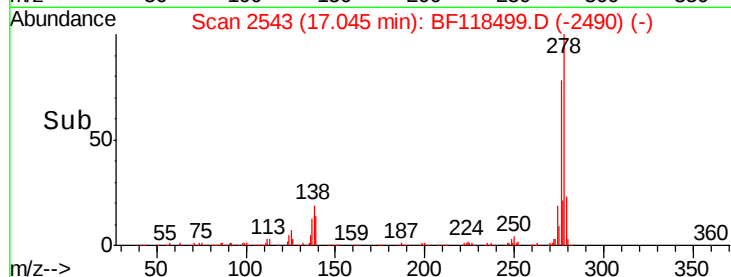
279 23.1 18.6 27.8



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: 65.353 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF118499.D

Acq: 8 Jan 2020 13:41

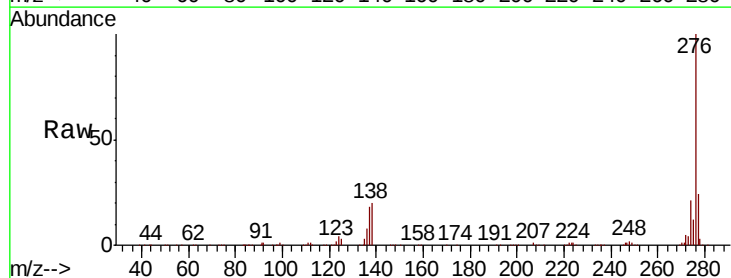
Tgt Ion:276 Resp: 591594

Ion Ratio Lower Upper

276 100

277 23.9 18.2 27.4

138 19.6 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

