

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118497.D
 Acq On : 8 Jan 2020 12:45
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 14:30:12 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	92261	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	376451	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	205461	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	398428	20.00	ng	0.00
76) Chrysene-d12	14.04	240	272412	20.00	ng	0.00
87) Perylene-d12	15.52	264	227482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	405333	78.86	ng	0.00
7) Phenol-d6	6.47	99	511558	77.98	ng	0.00
23) Nitrobenzene-d5	7.40	82	510256	73.42	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	176827	70.67	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1071400	76.98	ng	0.00
79) Terphenyl-d14	12.97	244	1307286	73.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	67768	38.992	ng	100
3) Pyridine	3.30	79	184309	38.575	ng	100
4) n-Nitrosodimethylamine	3.26	42	92544	40.077	ng	100
6) Aniline	6.50	93	323432	39.904	ng	100
8) 2-Chlorophenol	6.62	128	231598	38.658	ng	100
9) Benzaldehyde	6.39	77	128591	35.583	ng	100
10) Phenol	6.49	94	285146	38.997	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	205263	40.543	ng	100
12) 1,3-Dichlorobenzene	6.77	146	271008	38.287	ng	100
13) 1,4-Dichlorobenzene	6.85	146	279209	38.896	ng	100
14) 1,2-Dichlorobenzene	7.00	146	269152	39.952	ng	100
15) Benzyl Alcohol	6.98	79	211621	40.247	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	223953	39.609	ng	100
17) 2-Methylphenol	7.09	107	188577	38.820	ng	100
18) Hexachloroethane	7.34	117	103782	39.325	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	166270	40.733	ng	100
20) 3+4-Methylphenols	7.25	107	248965	39.106	ng	100
22) Acetophenone	7.25	105	351345	36.394	ng	100
24) Nitrobenzene	7.42	77	254579	37.042	ng	100
25) Isophorone	7.66	82	435507	36.757	ng	100
26) 2-Nitrophenol	7.74	139	128147	34.887	ng	100
27) 2,4-Dimethylphenol	7.77	122	170630	35.480	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	290981	38.818	ng	100
29) 2,4-Dichlorophenol	7.99	162	205936	36.314	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	240526	35.842	ng	100
31) Naphthalene	8.15	128	743406	37.551	ng	100
32) Benzoic acid	7.93	122	104684	31.237	ng	100
33) 4-Chloroaniline	8.20	127	287775	34.664	ng	100
34) Hexachlorobutadiene	8.26	225	140480	35.090	ng	100
35) Caprolactam	8.58	113	66243	37.002	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	231593	38.808	ng	100
37) 2-Methylnaphthalene	8.84	142	523960	38.715	ng	100
38) 1-Methylnaphthalene	8.94	142	474378	36.623	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	237383	38.191	ng	100

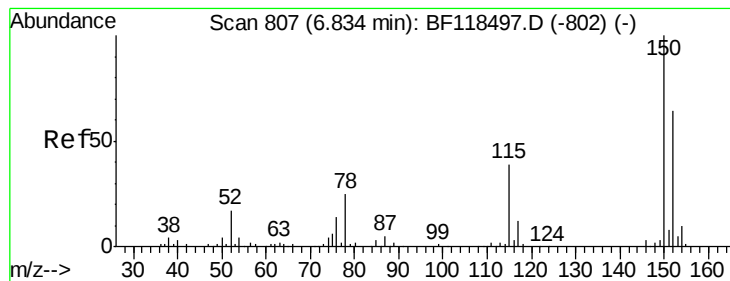
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118497.D
 Acq On : 8 Jan 2020 12:45
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 14:30:12 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)
41) Hexachlorocyclopentadiene	8.99	237	44518	39.568	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	143057	36.037	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	151519	37.495	ng	100
46) 1,1'-Biphenyl	9.30	154	622986	37.879	ng	100
47) 2-Chloronaphthalene	9.33	162	492712	37.379	ng	100
48) 2-Nitroaniline	9.43	65	143083	37.569	ng	100
49) Acenaphthylene	9.75	152	760086	38.784	ng	100
50) Dimethylphthalate	9.60	163	599148	37.880	ng	100
51) 2,6-Dinitrotoluene	9.67	165	127251	39.257	ng	100
52) Acenaphthene	9.92	154	453072	36.715	ng	100
53) 3-Nitroaniline	9.85	138	144401	36.397	ng	100
54) 2,4-Dinitrophenol	9.96	184	50382	36.750	ng	100
55) Dibenzofuran	10.09	168	705884	40.403	ng	100
56) 4-Nitrophenol	10.02	139	75595	39.620	ng	100
57) 2,4-Dinitrotoluene	10.09	165	175705	39.398	ng	100
58) Fluorene	10.44	166	593655	41.439	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	132685	39.577	ng	100
60) Diethylphthalate	10.30	149	645922	41.529	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	302595	42.261	ng	100
62) 4-Nitroaniline	10.47	138	155432	38.278	ng	100
63) Azobenzene	10.59	77	542689	40.572	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	84479	37.049	ng	100
66) n-Nitrosodiphenylamine	10.55	169	498729	36.556	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	173786	34.403	ng	100
68) Hexachlorobenzene	10.99	284	202537	33.699	ng	100
69) Atrazine	11.07	200	143057	34.099	ng	100
70) Pentachlorophenol	11.19	266	63810	34.166	ng	100
71) Phenanthrene	11.40	178	824930	37.519	ng	100
72) Anthracene	11.46	178	818534	36.778	ng	100
73) Carbazole	11.62	167	713832	34.980	ng	100
74) Di-n-butylphthalate	11.93	149	1051286	39.280	ng	100
75) Fluoranthene	12.60	202	880521	38.009	ng	100
77) Benzidine	12.72	184	262292	34.065	ng	100
78) Pyrene	12.83	202	867878	36.888	ng	100
80) Butylbenzylphthalate	13.44	149	429748	41.460	ng	100
81) Benzo(a)anthracene	14.03	228	707092	36.482	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	234329	38.109	ng	100
83) Chrysene	14.06	228	681795	36.693	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	567035	43.722	ng	100
85) Di-n-octyl phthalate	14.62	149	923450	46.271	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	576003	43.391	ng	100
88) Benzo(b)fluoranthene	15.09	252	633088	40.010	ng	100
89) Benzo(k)fluoranthene	15.12	252	631826	40.572	ng	100
90) Benzo(a)pyrene	15.46	252	468979	32.507	ng	100
91) Dibenzo(a,h)anthracene	17.03	278	482977	42.929	ng	100
92) Benzo(g,h,i)perylene	17.47	276	423582	36.295	ng	100

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

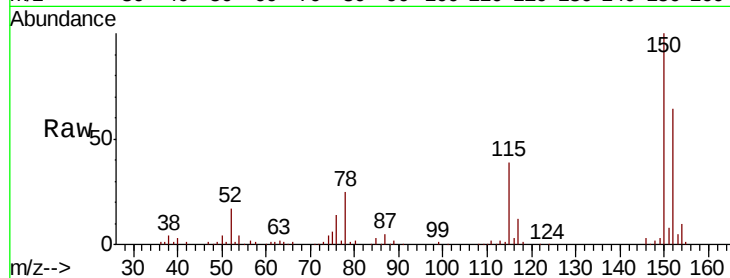


#1

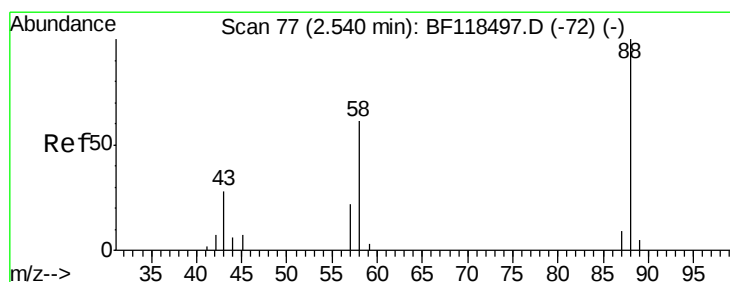
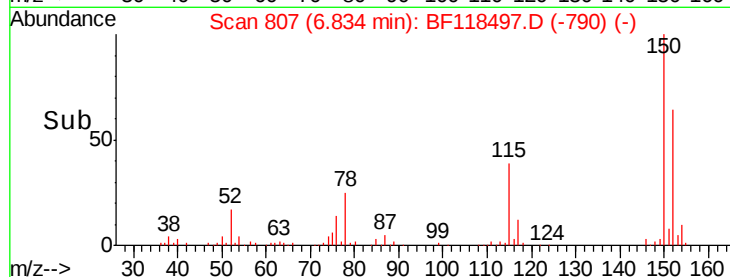
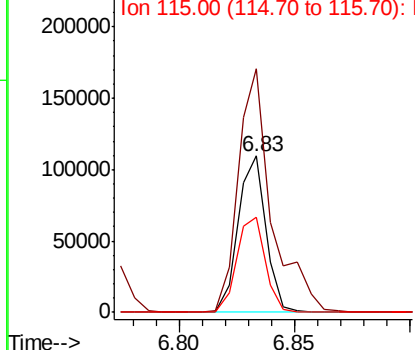
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92261
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 61.3 49.0 73.6



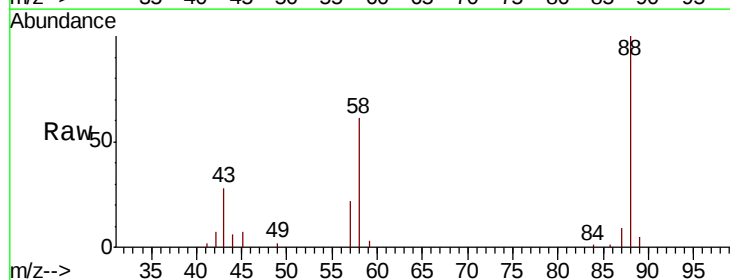
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



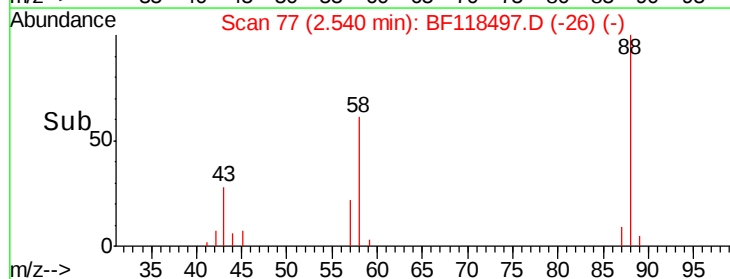
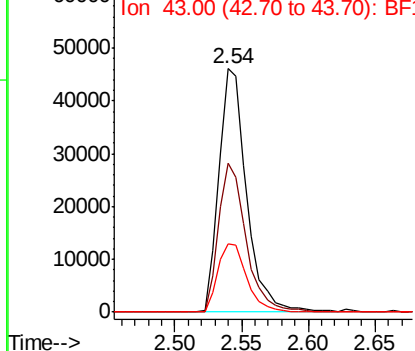
#2

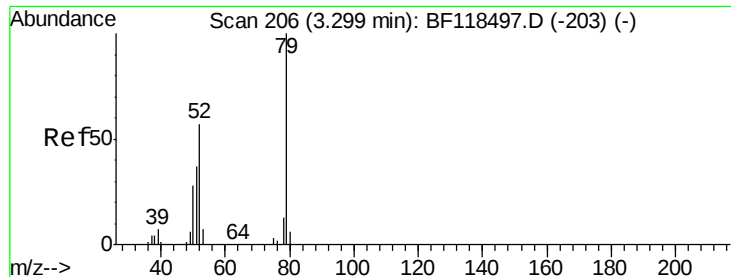
1,4-Dioxane
Concen: 38.992 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion: 88 Resp: 67768
Ion Ratio Lower Upper
88 100
58 60.4 48.3 72.5
43 29.2 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: 38.575 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampled :

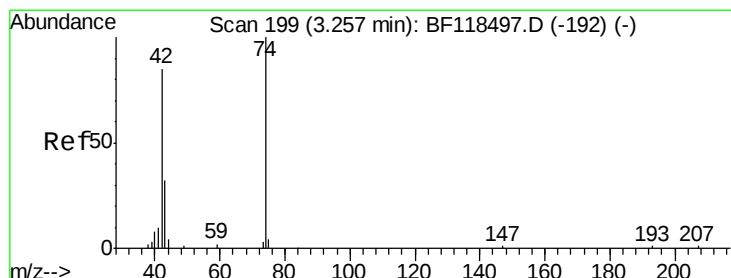
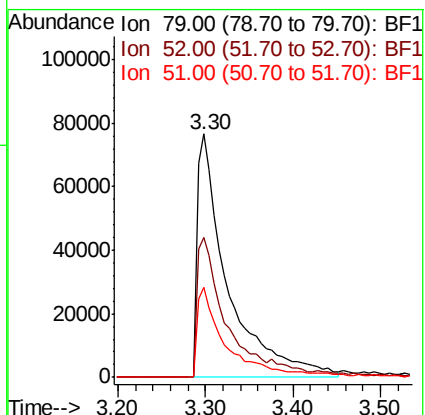
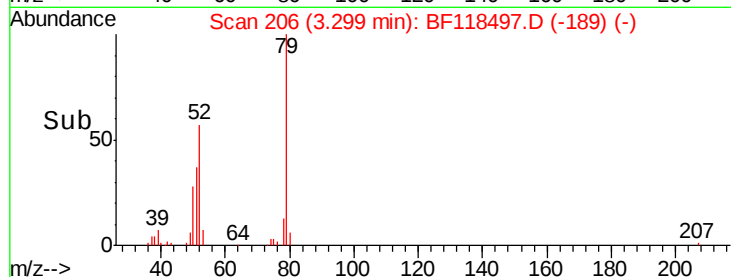
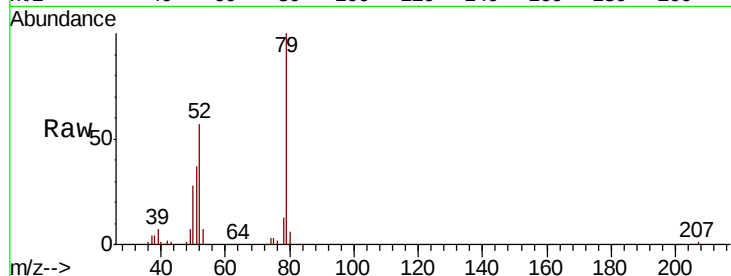
Tot Ion: 79 Resp: 184309

Ion Ratio Lower Upper

79 100

52 57.4 45.9 68.9

51 37.2 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 40.077 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

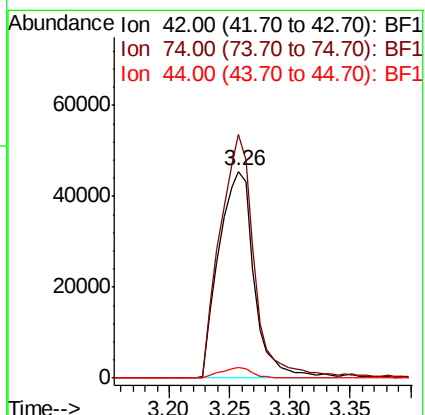
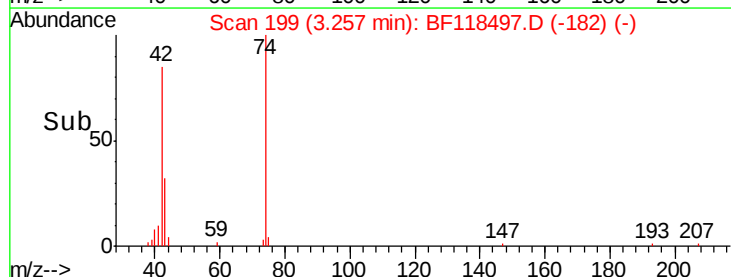
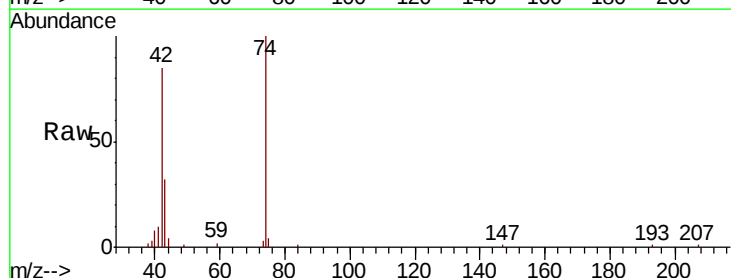
Tgt Ion: 42 Resp: 92544

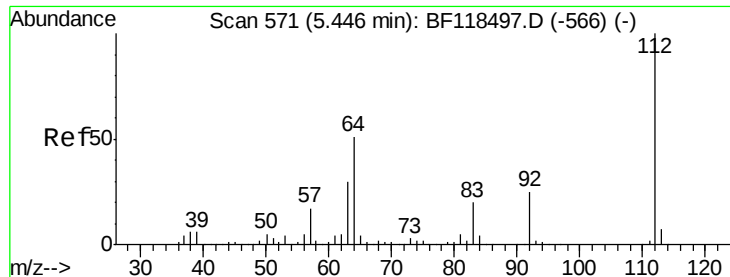
Ion Ratio Lower Upper

42 100

74 117.6 94.1 141.1

44 5.1 4.1 6.1





#5

2-Fluorophenol

Concen: 78.865 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampled :

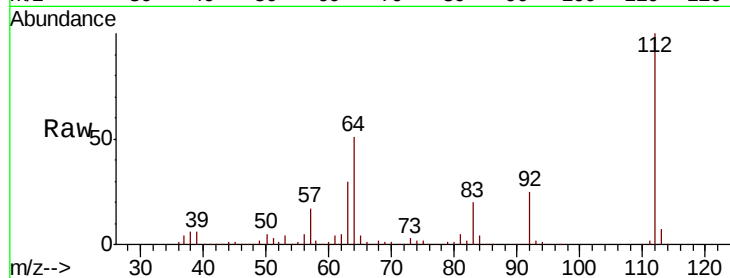
Tot Ion:112 Resp: 405333

Ion Ratio Lower Upper

112 100

64 51.4 41.1 61.7

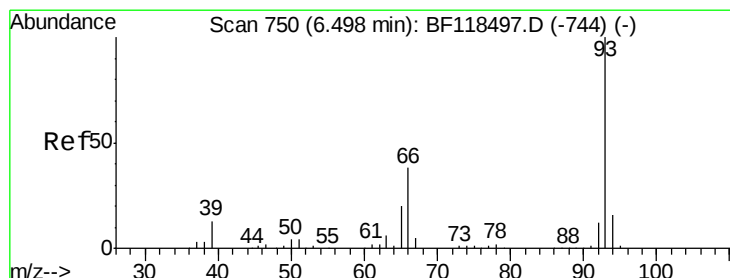
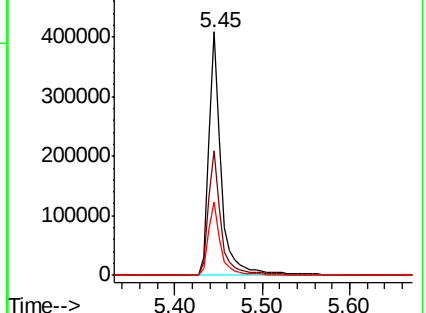
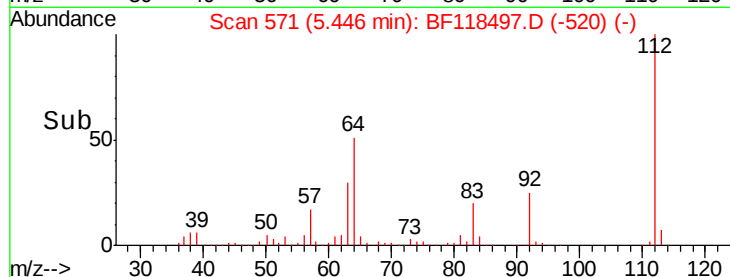
63 30.1 24.1 36.1



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: 39.904 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

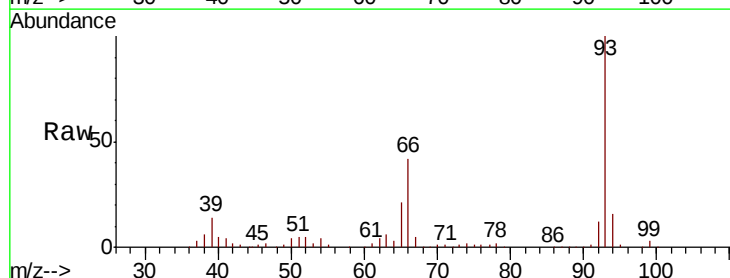
Tgt Ion: 93 Resp: 323432

Ion Ratio Lower Upper

93 100

66 41.7 33.4 50.0

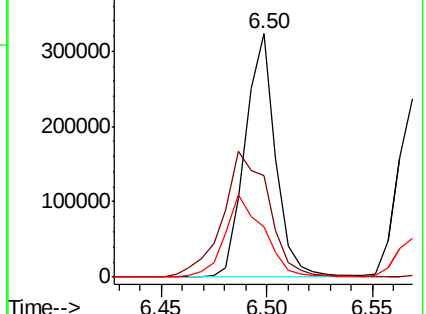
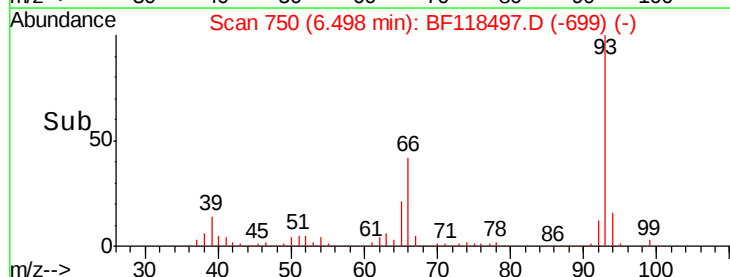
65 20.9 16.7 25.1

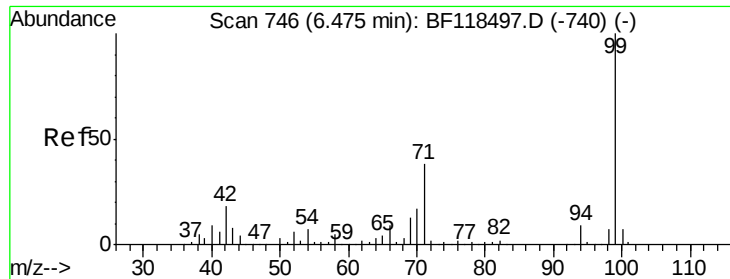


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.980 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

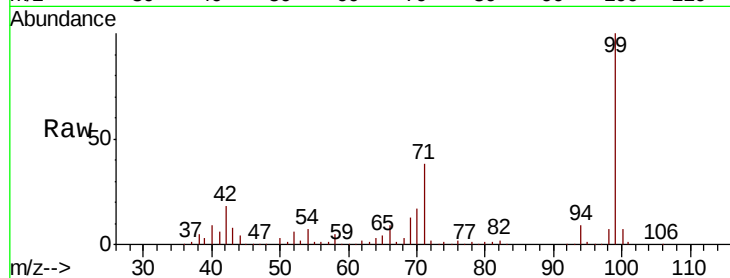
Tot Ion: 99 Resp: 511558

Ion Ratio Lower Upper

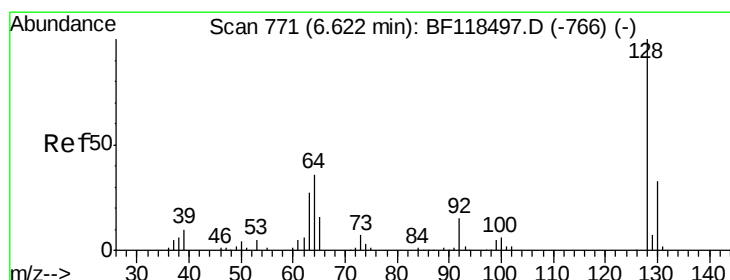
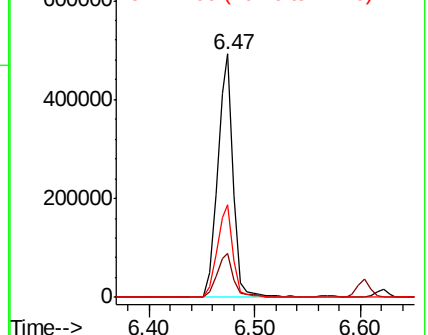
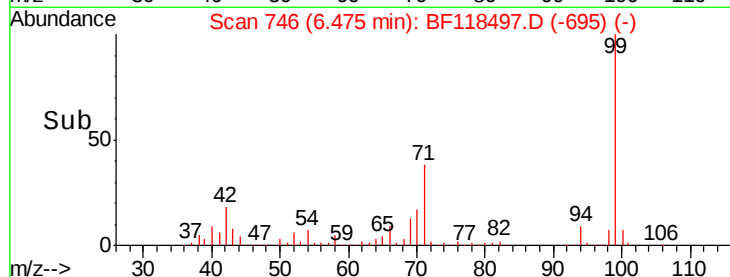
99 100

42 18.1 14.5 21.7

71 38.2 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: 38.658 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

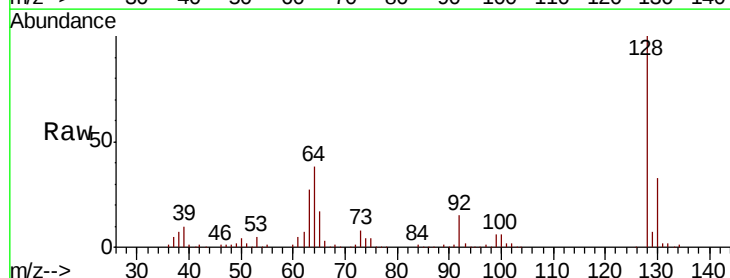
Tgt Ion: 128 Resp: 231598

Ion Ratio Lower Upper

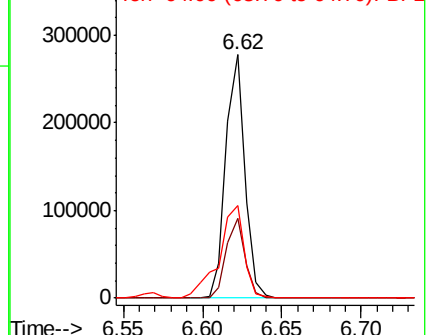
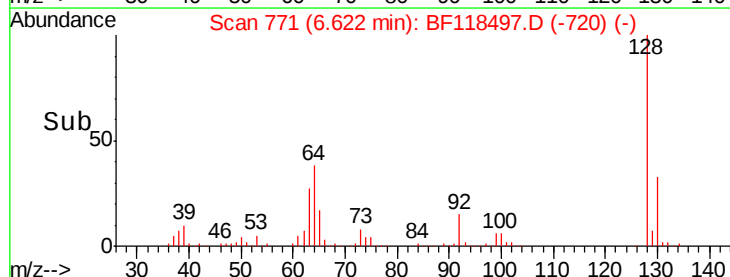
128 100

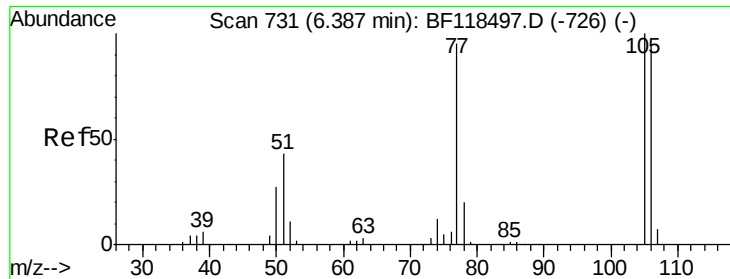
130 32.7 12.7 52.7

64 37.8 17.8 57.8



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





#9

Benzaldehyde

Concen: 35.583 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

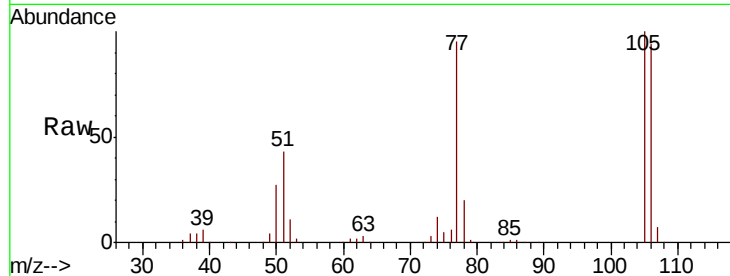
Tot Ion: 77 Resp: 128591

Ion Ratio Lower Upper

77 100

105 105.4 85.4 125.4

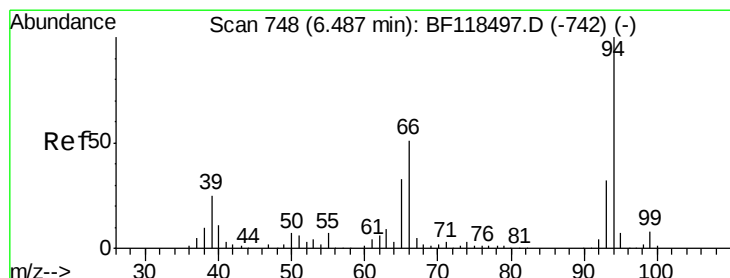
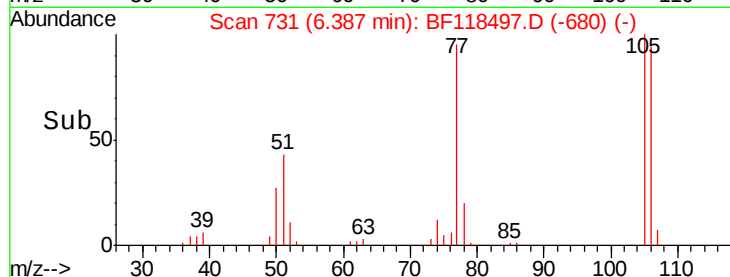
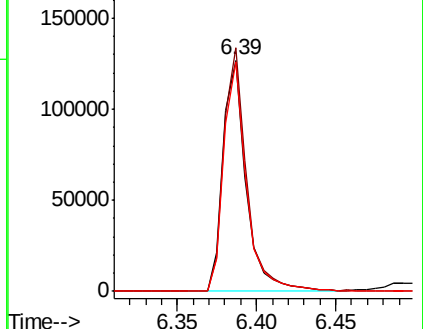
106 99.5 79.5 119.5



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: 38.997 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

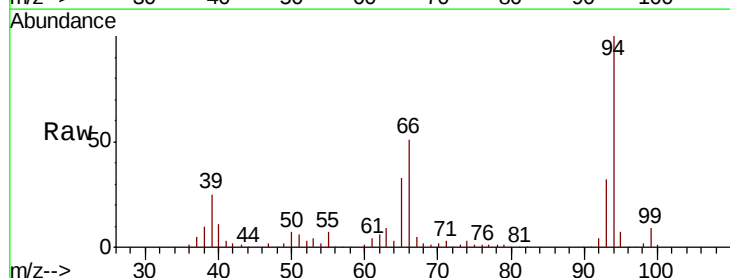
Tgt Ion: 94 Resp: 285146

Ion Ratio Lower Upper

94 100

65 33.3 13.3 53.3

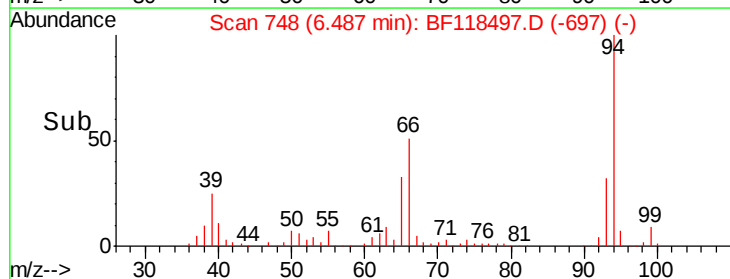
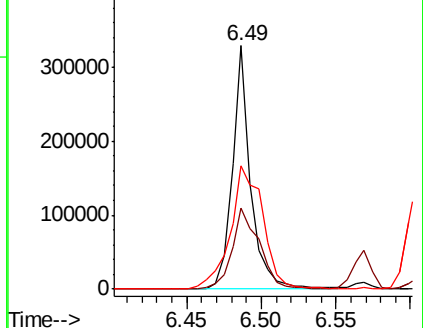
66 50.9 30.9 70.9

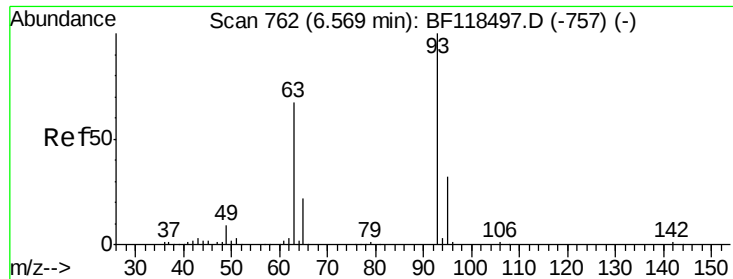


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

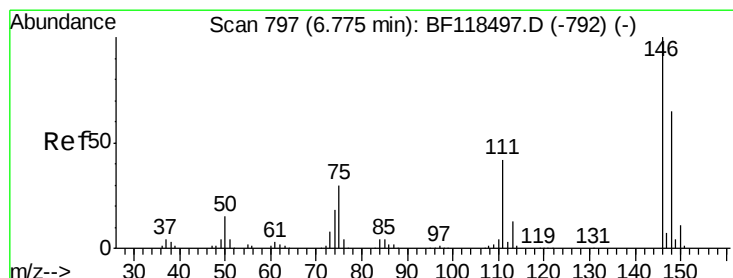
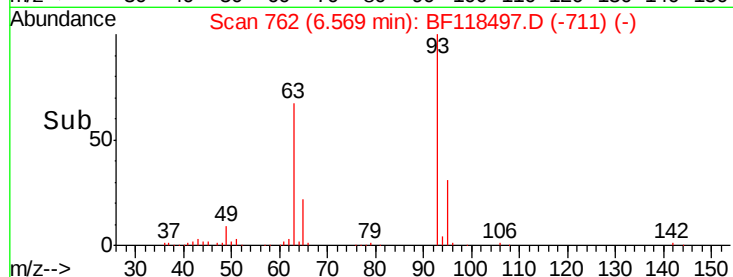
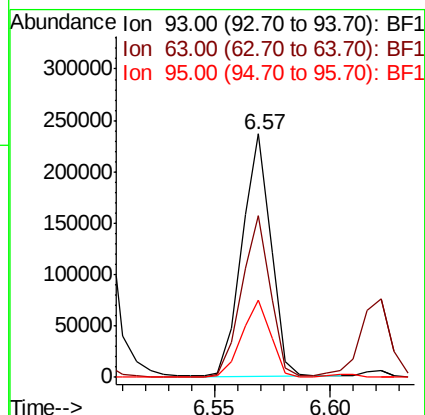
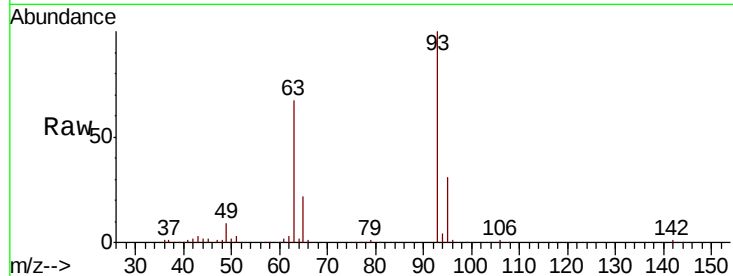




#11
 bis(2-Chloroethyl)ether
 Concen: 40.543 ng
 RT: 6.57 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

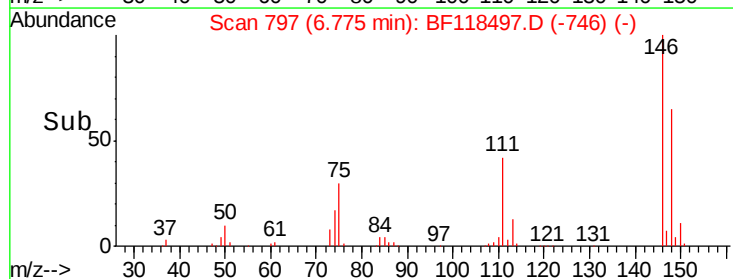
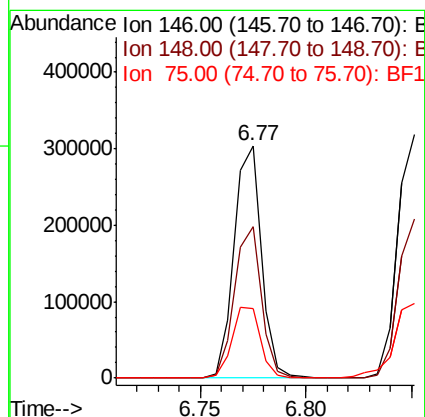
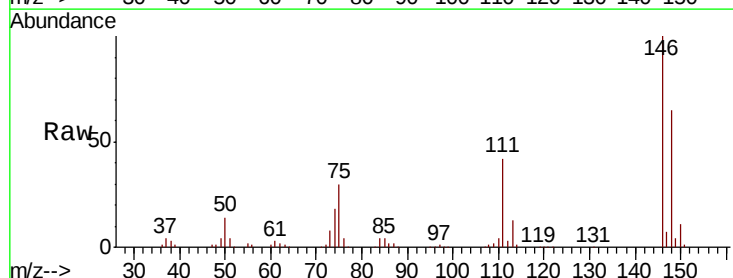
Instrument :
 BNA_F
 ClientSampleId :

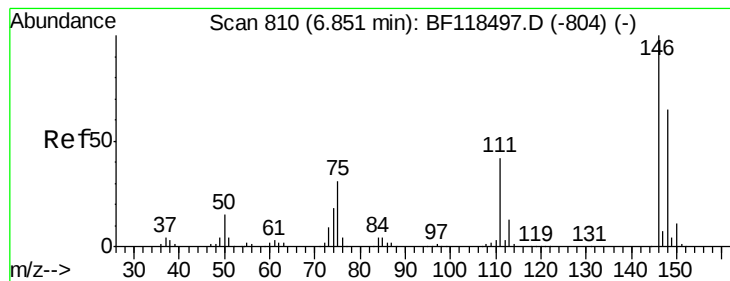
Tot Ion: 93 Resp: 205263
 Ion Ratio Lower Upper
 93 100
 63 66.6 46.6 86.6
 95 31.5 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 38.287 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion: 146 Resp: 271008
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.4 78.6
 75 30.1 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 38.896 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

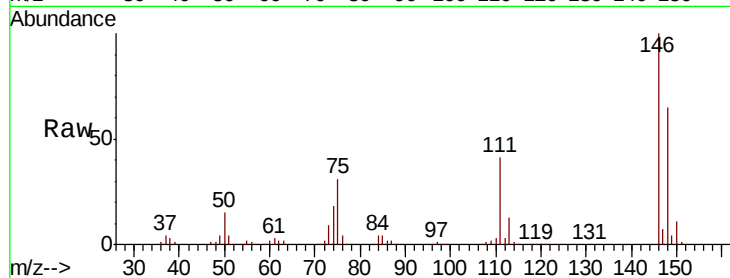
Tot Ion:146 Resp: 279209

Ion Ratio Lower Upper

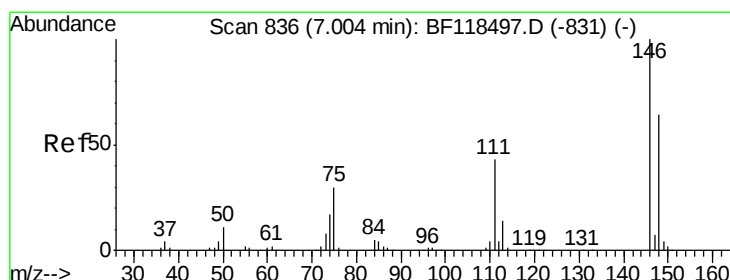
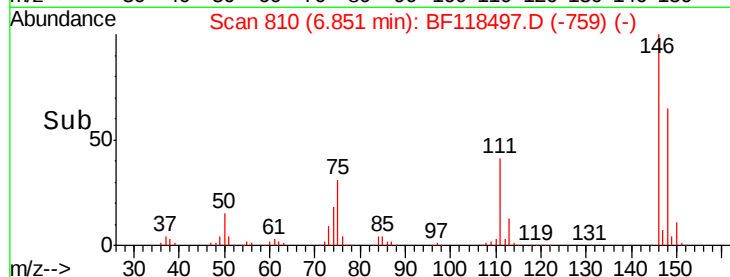
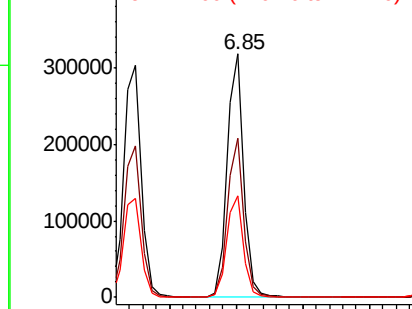
146 100

148 65.2 52.2 78.2

111 41.5 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: 39.952 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

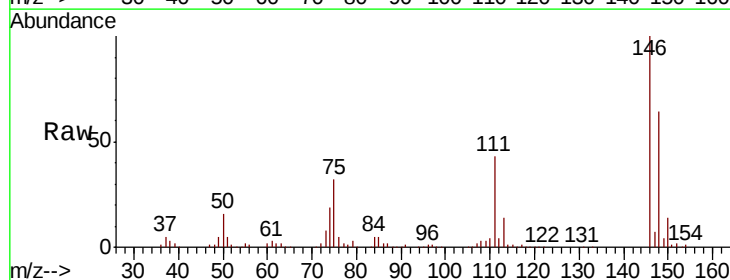
Tgt Ion:146 Resp: 269152

Ion Ratio Lower Upper

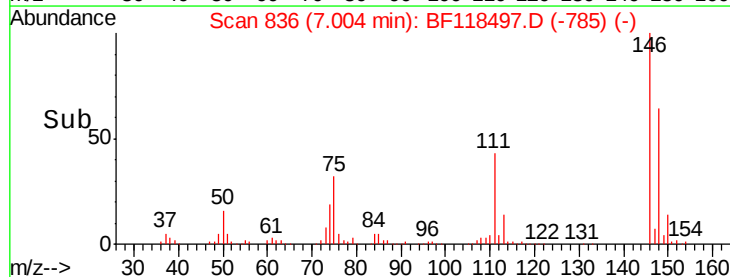
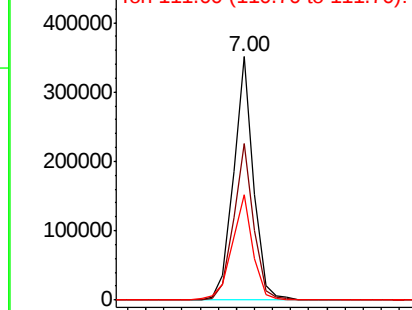
146 100

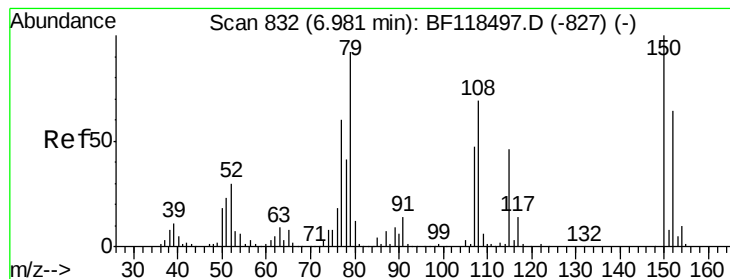
148 64.1 51.3 76.9

111 43.4 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: 40.247 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampled :

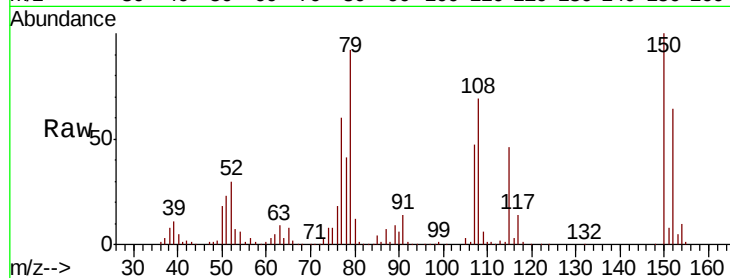
Tot Ion: 79 Resp: 211621

Ion Ratio Lower Upper

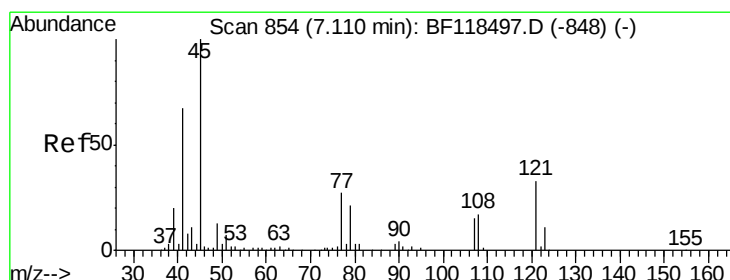
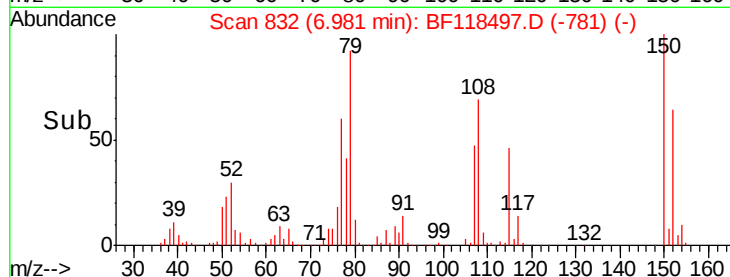
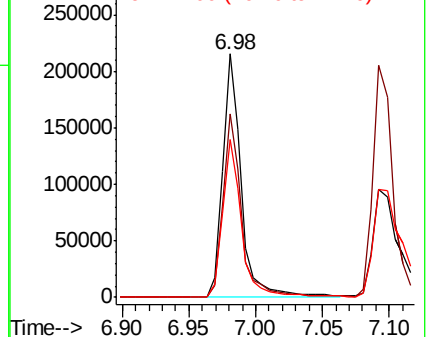
79 100

108 75.2 60.2 90.2

77 64.8 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.609 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

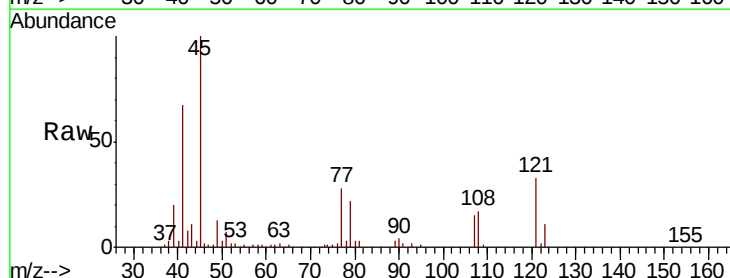
Tgt Ion: 45 Resp: 223953

Ion Ratio Lower Upper

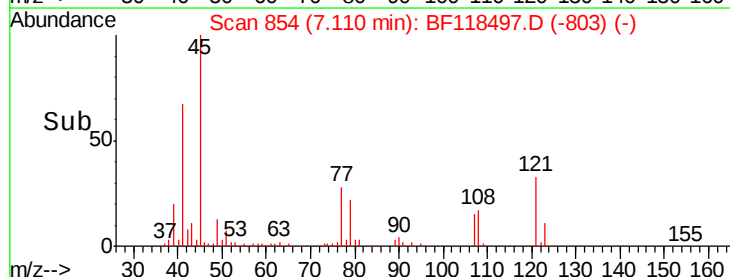
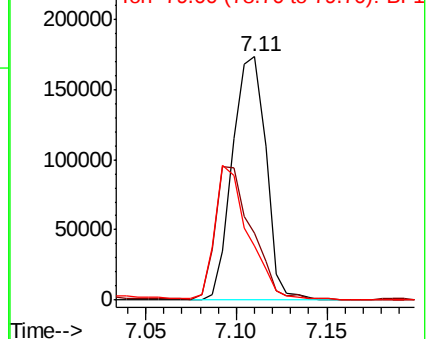
45 100

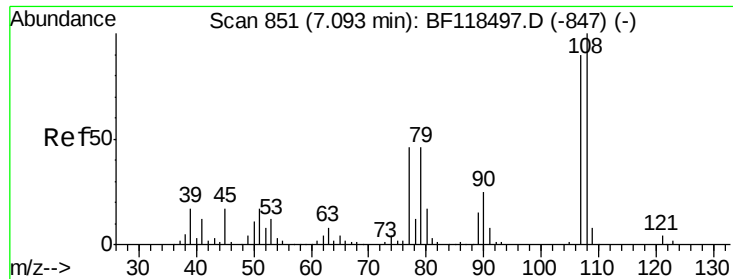
77 27.6 7.6 47.6

79 22.0 2.0 42.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

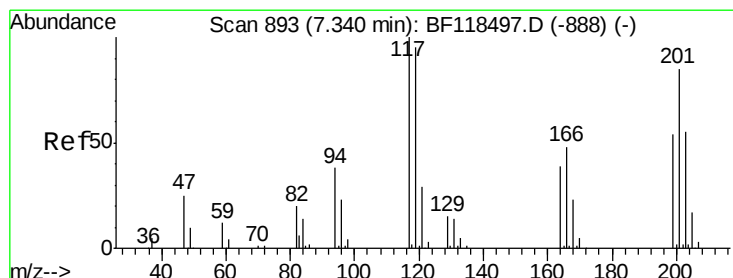
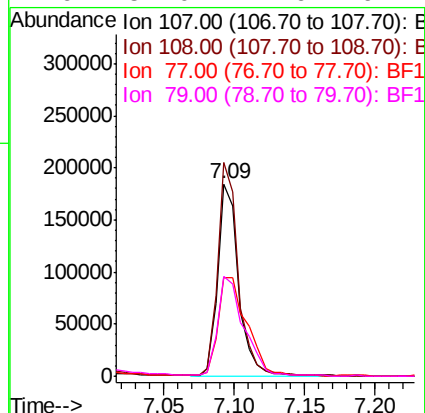
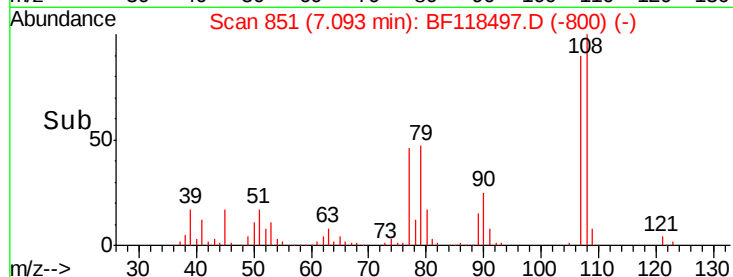
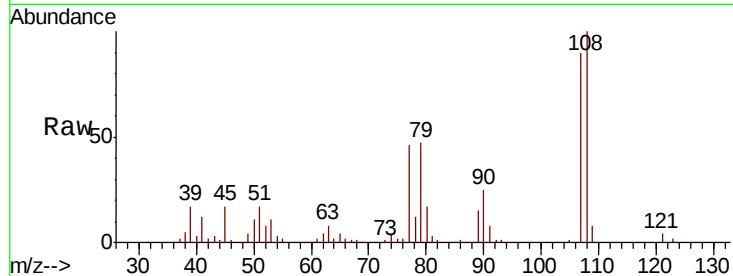




#17
2-Methylphenol
Concen: 38.820 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

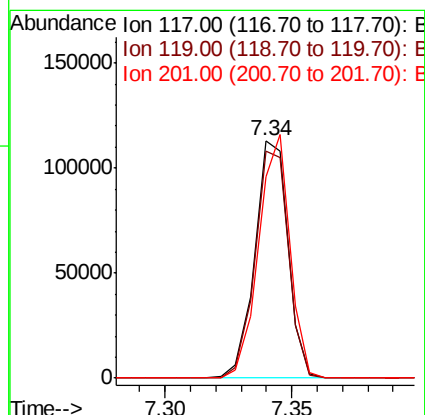
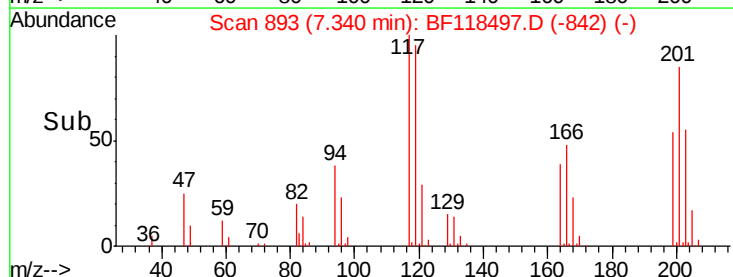
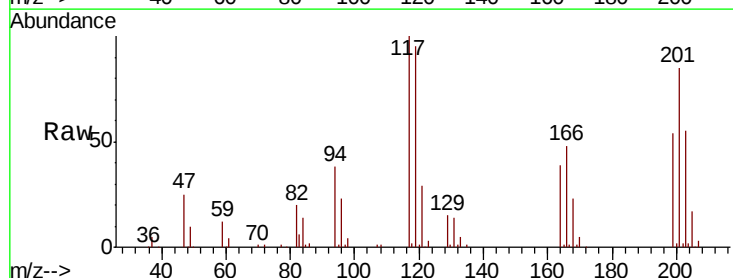
Instrument :
BNA_F
ClientSampleId :

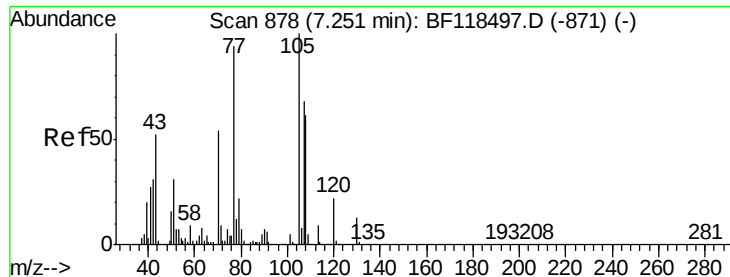
Tot Ion:	107	Resp:	188577
Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	51.5	41.2	61.8
79	52.0	41.6	62.4



#18
Hexachloroethane
Concen: 39.325 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:	117	Resp:	103782
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.4
201	84.6	67.7	101.5

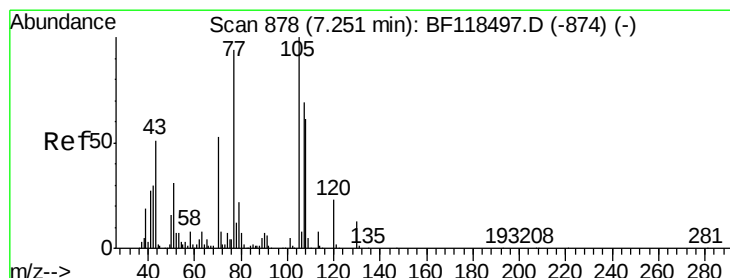
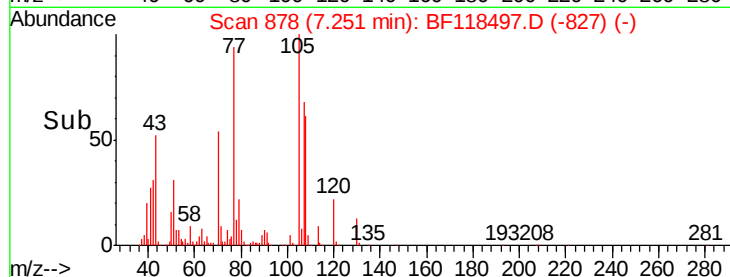
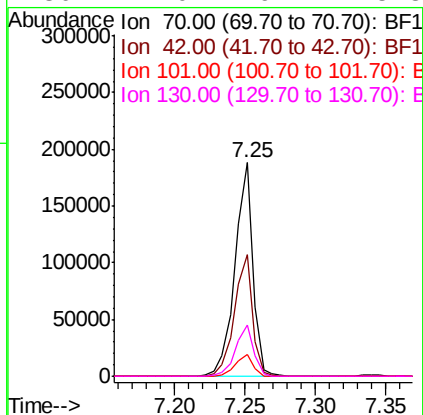
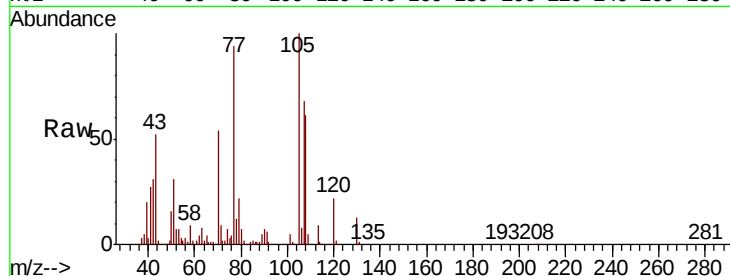




#19
n-Nitroso-di-n-propylamine
Concen: 40.733 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

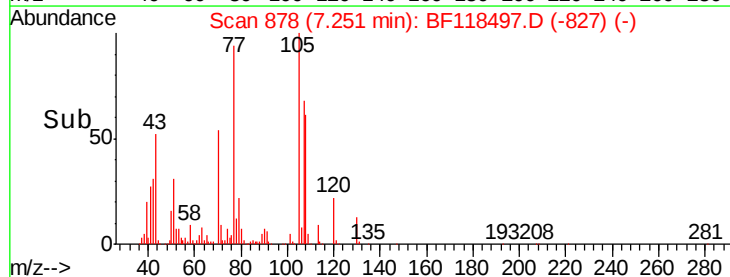
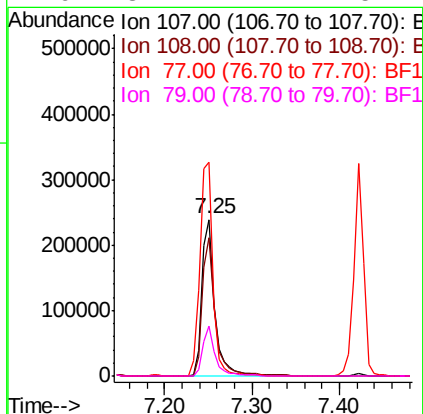
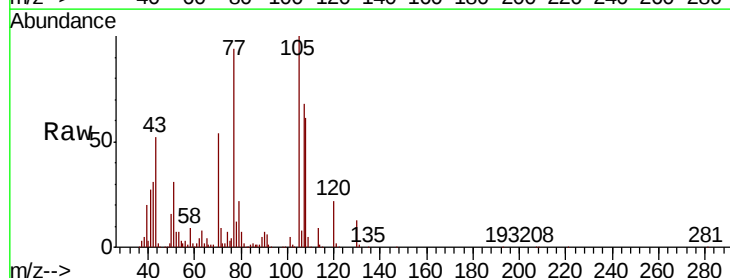
Instrument :
BNA_F
ClientSampled :

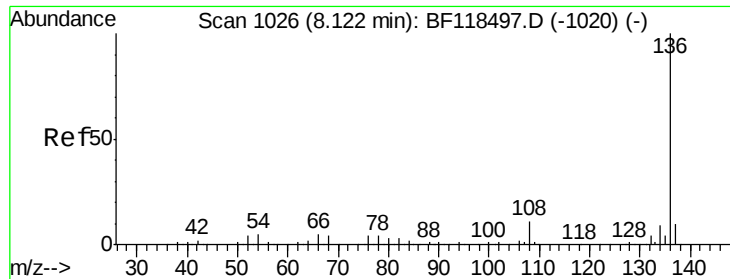
Tot Ion: 70 Resp: 166270
Ion Ratio Lower Upper
70 100
42 57.0 45.6 68.4
101 10.2 8.2 12.2
130 24.0 19.2 28.8



#20
3+4-Methylphenols
Concen: 39.106 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion: 107 Resp: 248965
Ion Ratio Lower Upper
107 100
108 88.9 68.9 108.9
77 136.8 116.8 156.8
79 31.7 11.7 51.7

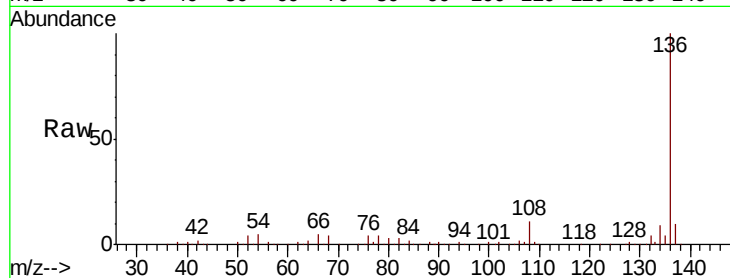




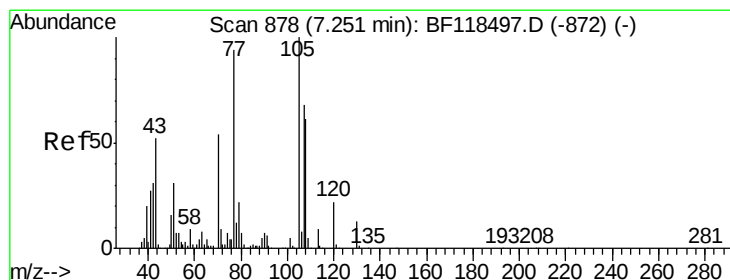
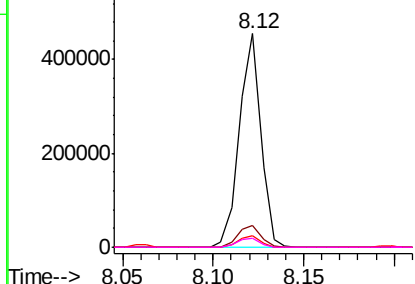
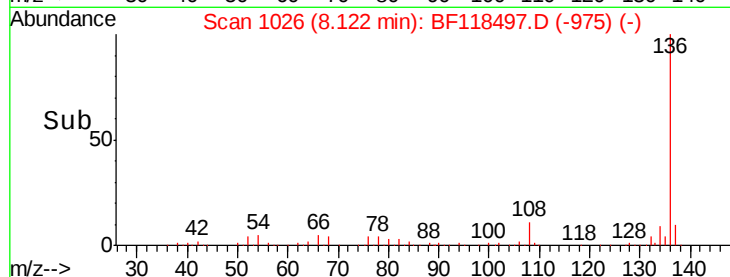
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	376451
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.3	12.5
54 5.2	4.2	6.2
68 4.1	3.3	4.9

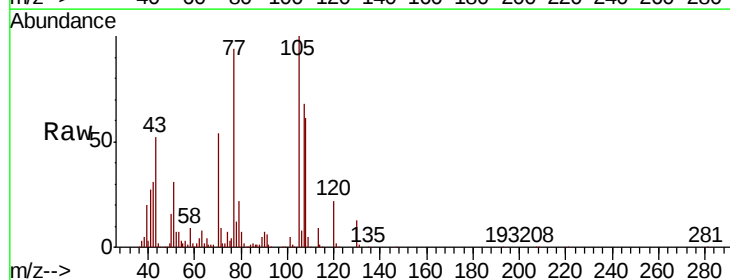


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

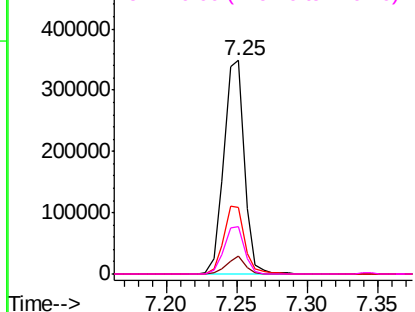
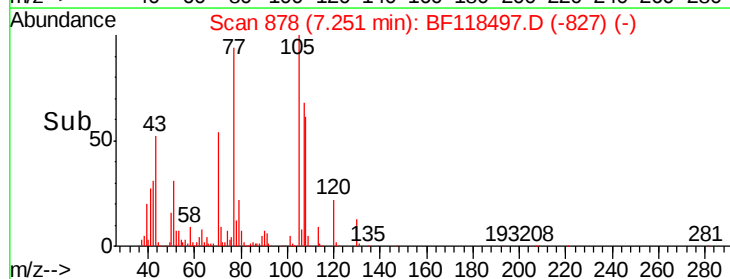


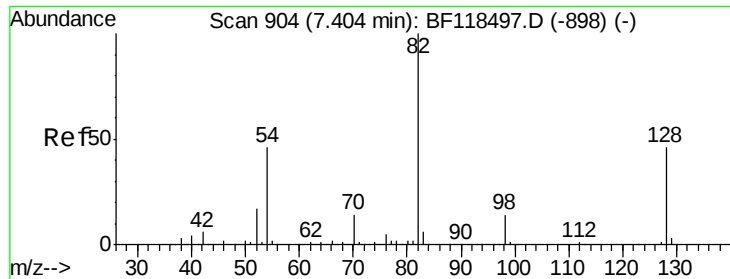
#22
Acetophenone
Concen: 36.394 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt	Ion:105	Resp:	351345
Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.9	10.3
51	31.2	25.0	37.4
120	22.5	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

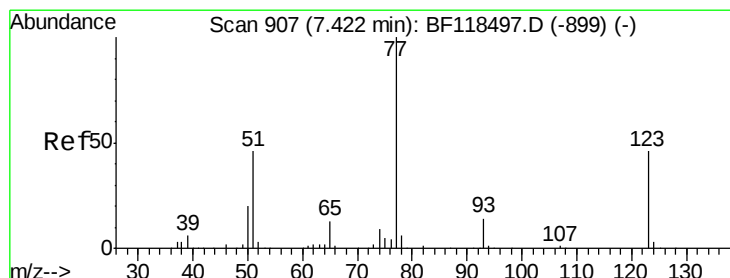
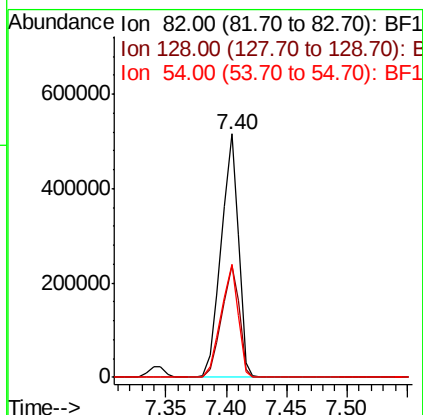
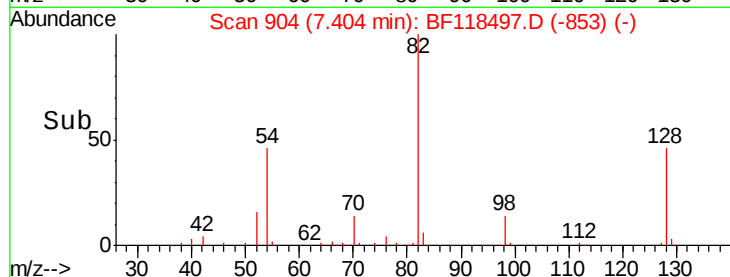
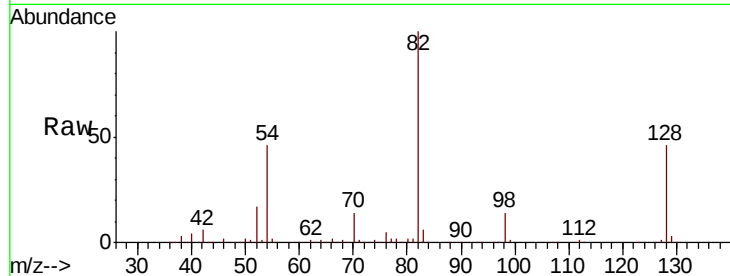




#23
 Nitrobenzene-d5
 Concen: 73.418 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

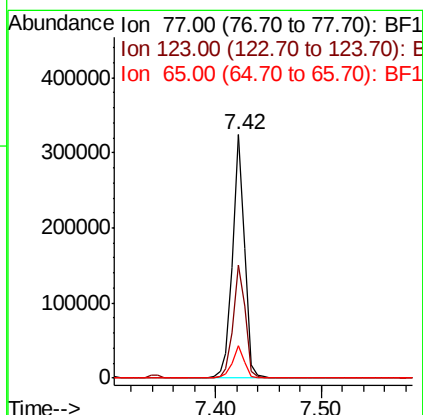
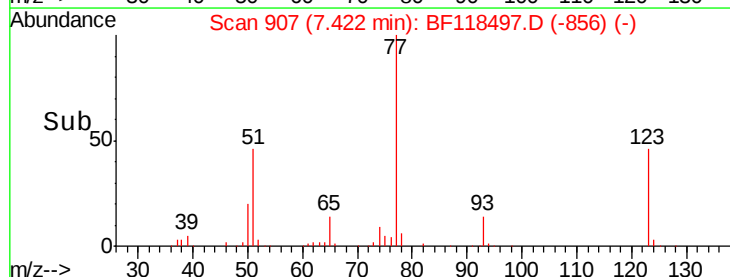
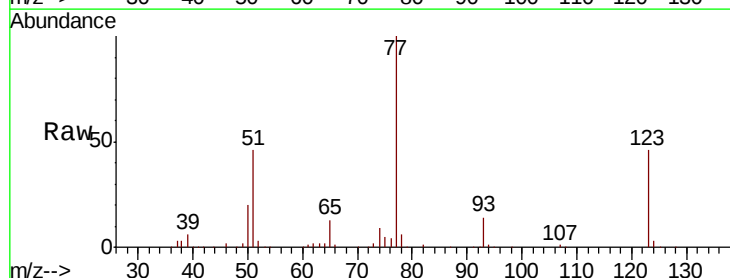
Instrument :
 BNA_F
 ClientSampleId :

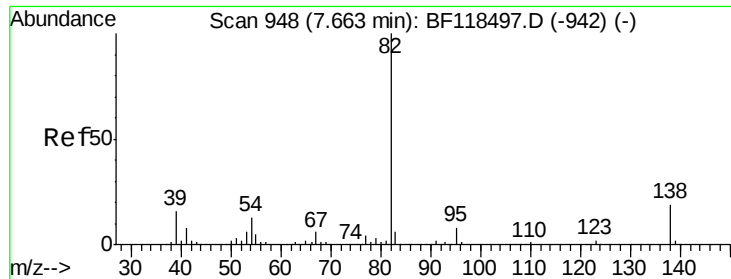
Tot Ion: 82 Resp: 510256
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.6 54.8
 54 46.3 37.0 55.6



#24
 Nitrobenzene
 Concen: 37.042 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion: 77 Resp: 254579
 Ion Ratio Lower Upper
 77 100
 123 46.2 37.0 55.4
 65 13.4 10.7 16.1





#25

Isophorone

Concen: 36.757 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

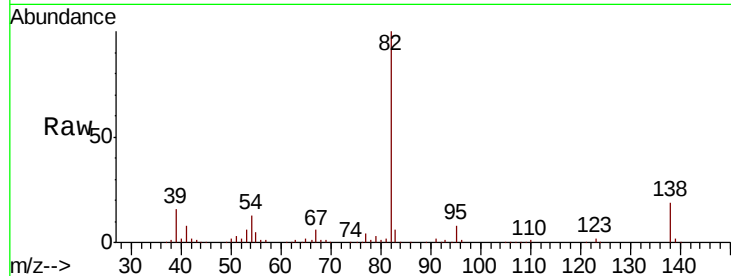
Tot Ion: 82 Resp: 435507

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

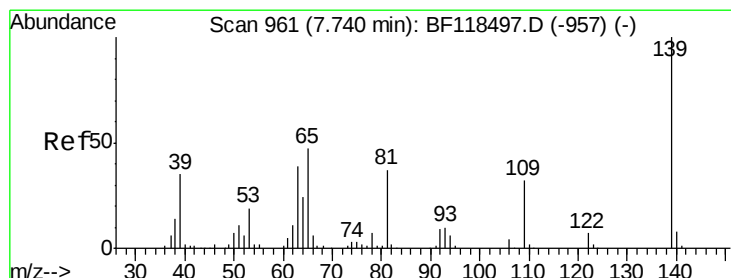
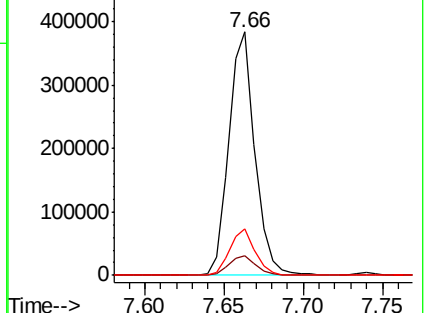
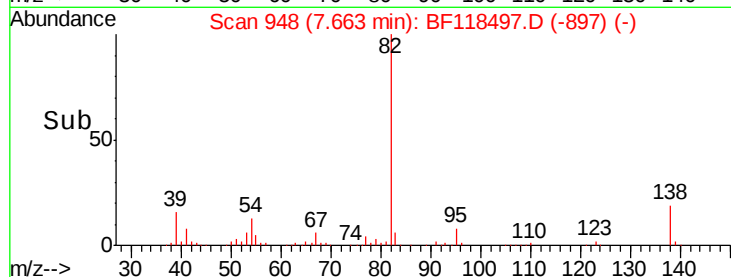
138 19.3 15.4 23.2



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: 34.887 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

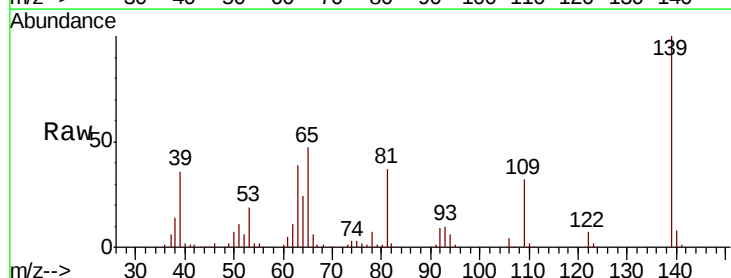
Tgt Ion:139 Resp: 128147

Ion Ratio Lower Upper

139 100

109 32.1 25.7 38.5

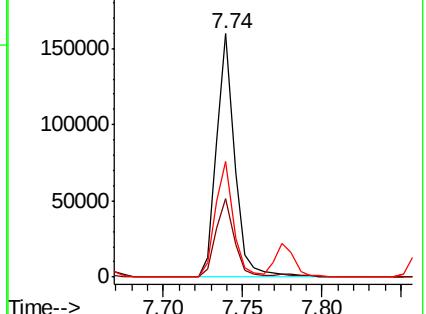
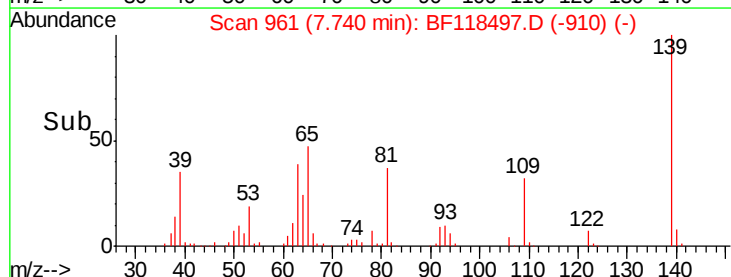
65 47.2 37.8 56.6

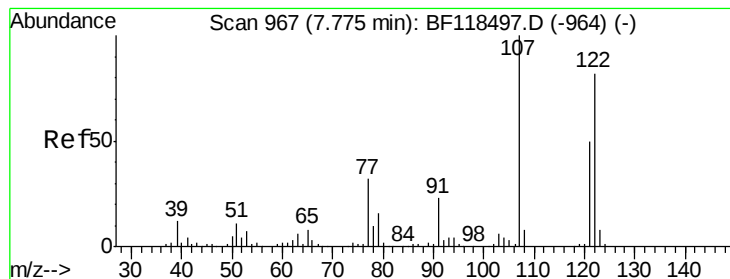


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.480 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

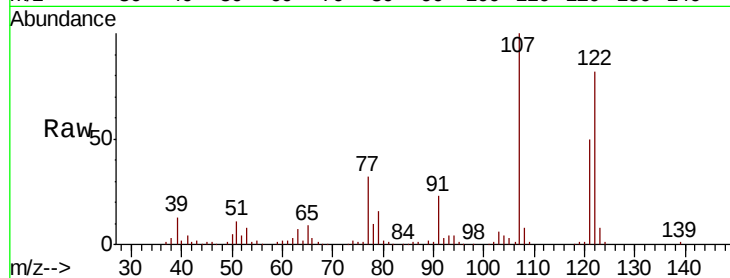
Tot Ion:122 Resp: 170630

Ion Ratio Lower Upper

122 100

107 122.4 97.9 146.9

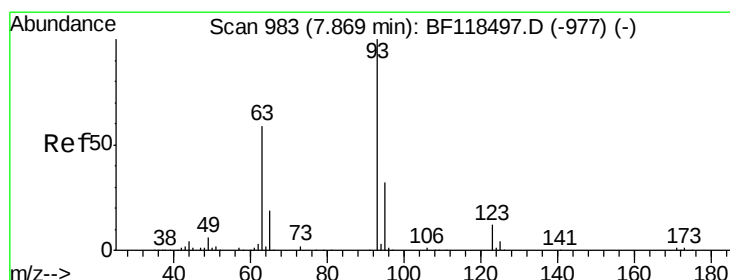
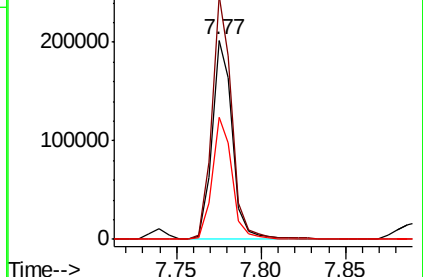
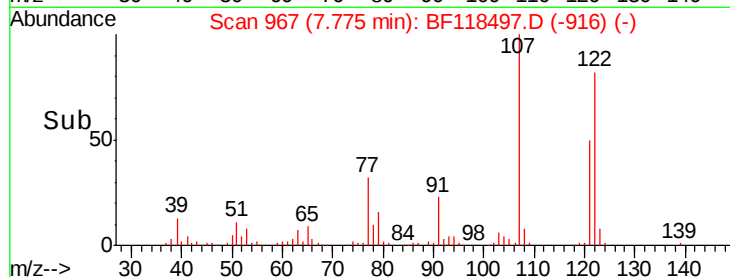
121 61.2 49.0 73.4



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: 38.818 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

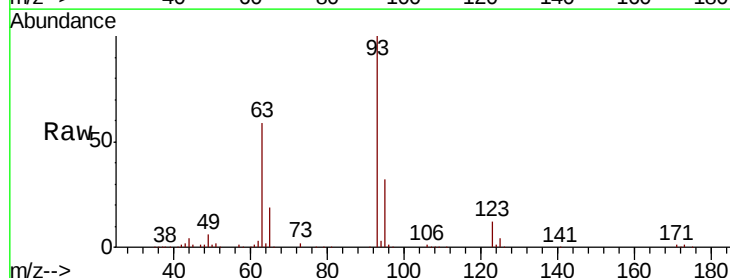
Tgt Ion: 93 Resp: 290981

Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

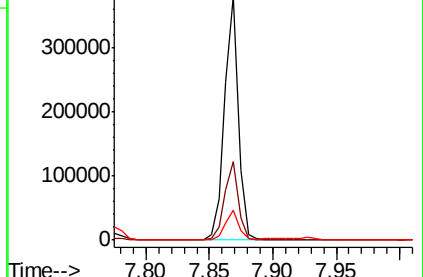
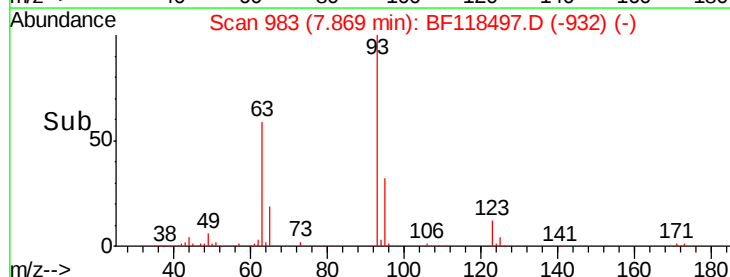
123 12.1 9.7 14.5

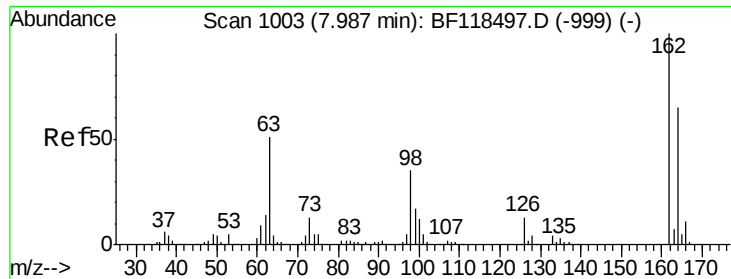


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

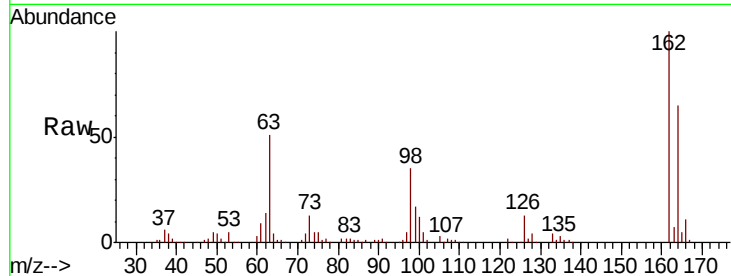




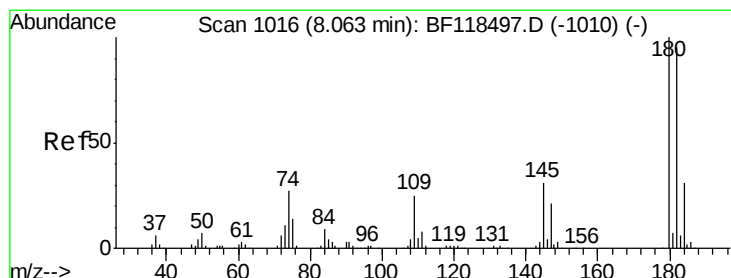
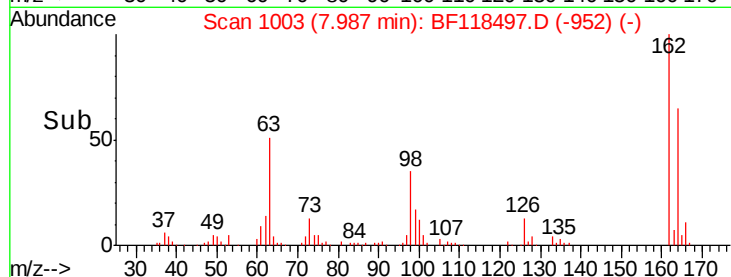
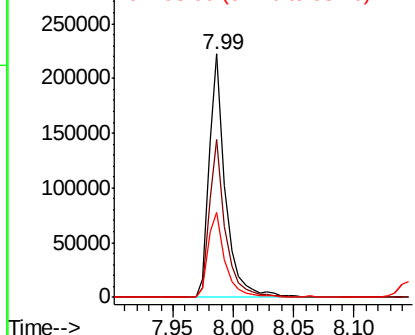
#29
 2,4-Dichlorophenol
 Concen: 36.314 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.8	84.8
98	35.1	15.1	55.1

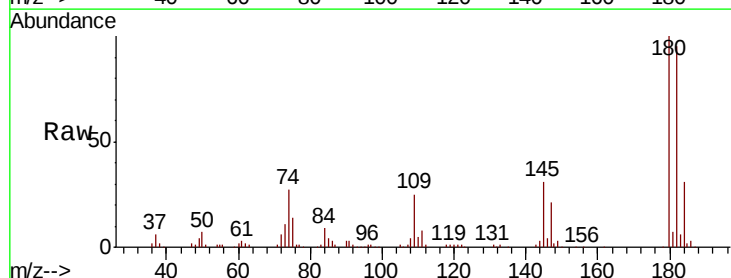


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

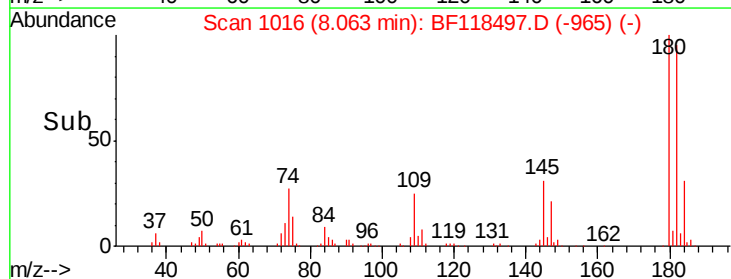
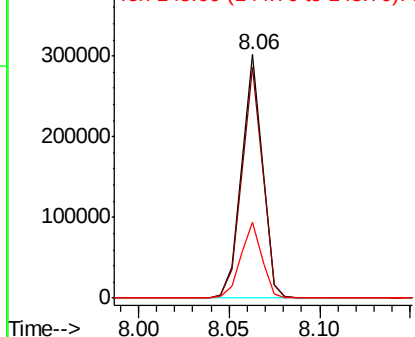


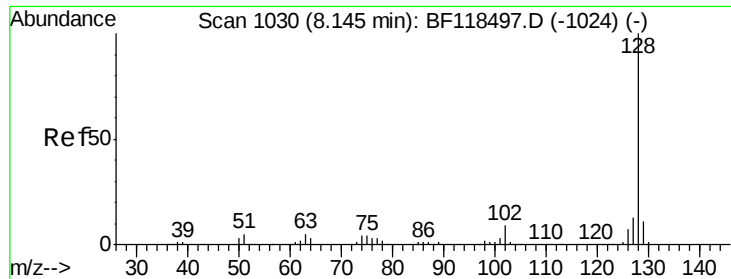
#30
 1,2,4-Trichlorobenzene
 Concen: 35.842 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	31.3	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

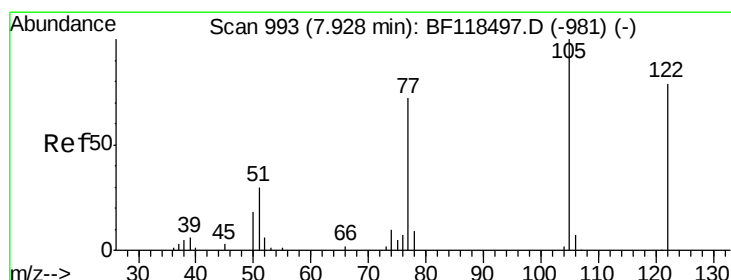
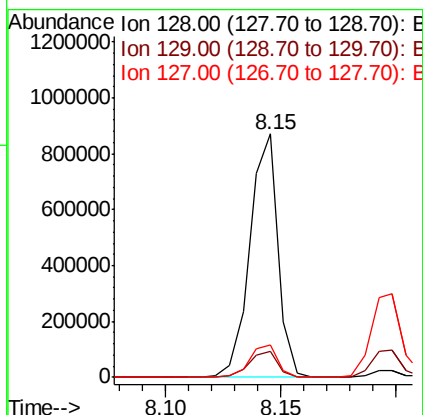
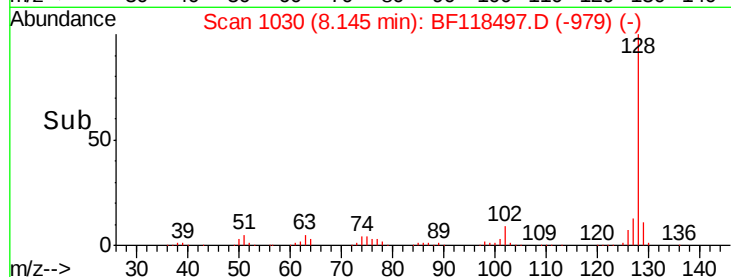
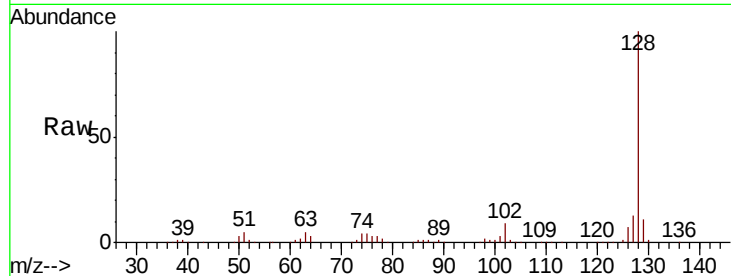




#31
Naphthalene
Concen: 37.551 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

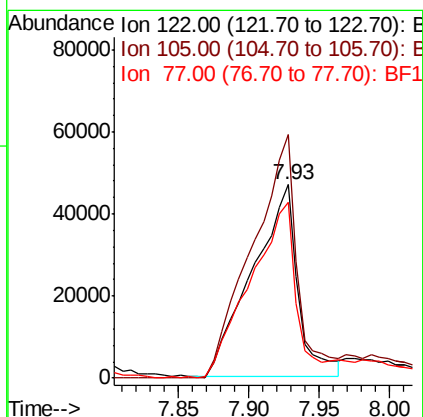
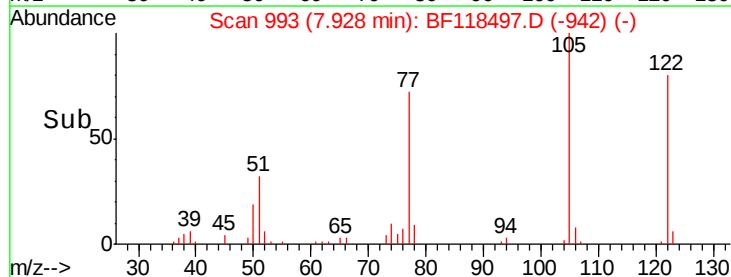
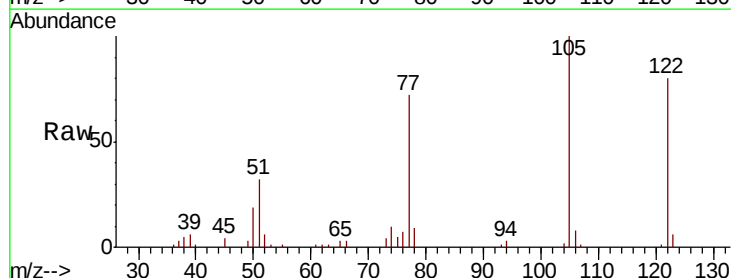
Instrument :
BNA_F
ClientSampleID :

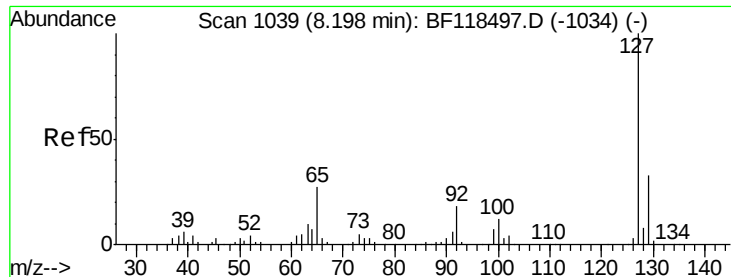
Tot Ion:128 Resp: 743406
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 31.237 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:122 Resp: 104684
Ion Ratio Lower Upper
122 100
105 125.7 105.7 145.7
77 91.0 71.0 111.0

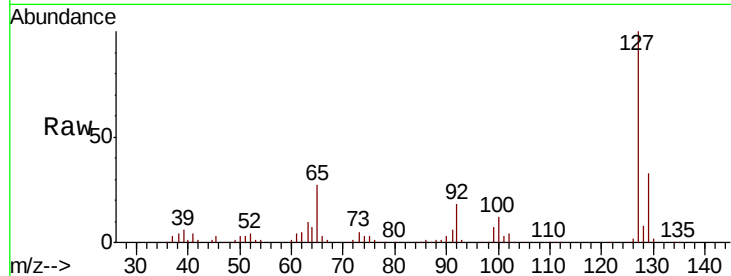




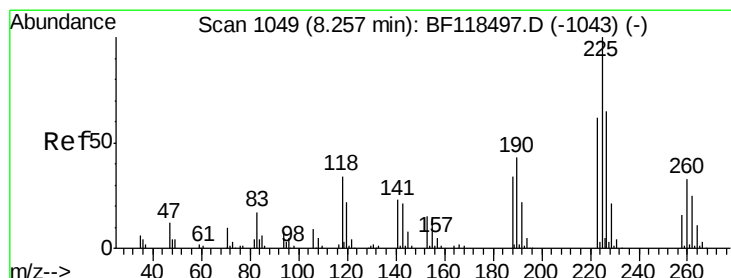
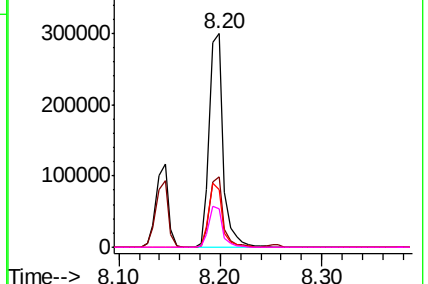
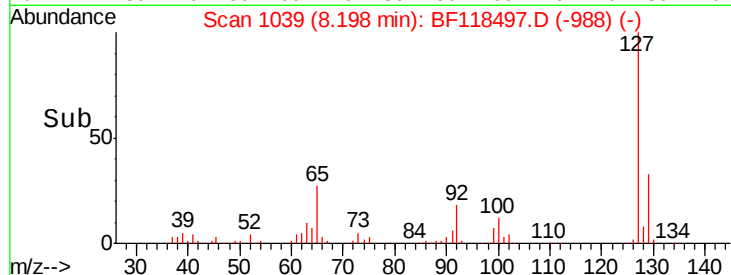
#33
4-Chloroaniline
Concen: 34.664 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	287775
Ion	Ratio	Lower Upper
127	100	
129	32.8	26.2 39.4
65	27.0	21.6 32.4
92	17.9	14.3 21.5

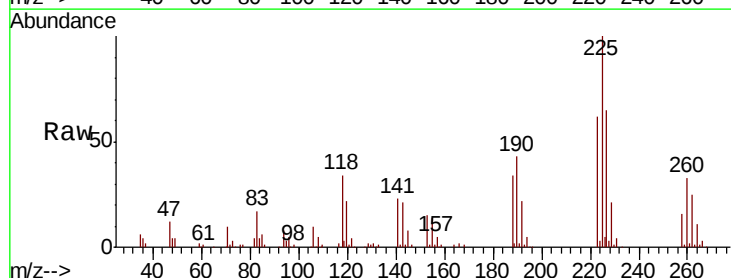


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

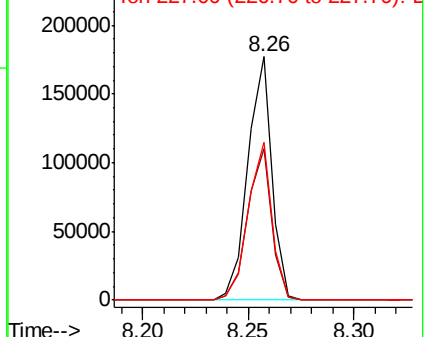
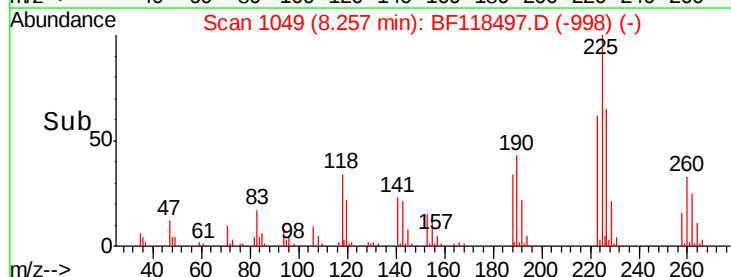


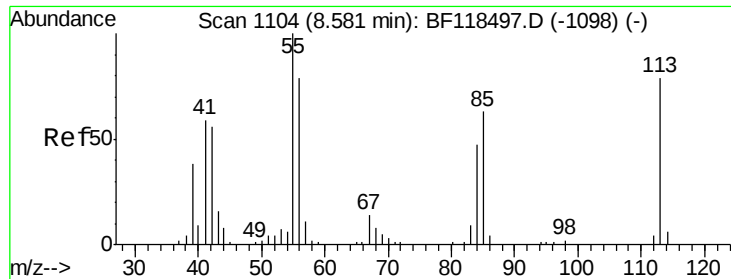
#34
Hexachlorobutadiene
Concen: 35.090 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:225	Resp:	140480
Ion	Ratio	Lower Upper
225	100	
223	62.4	49.9 74.9
227	64.7	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

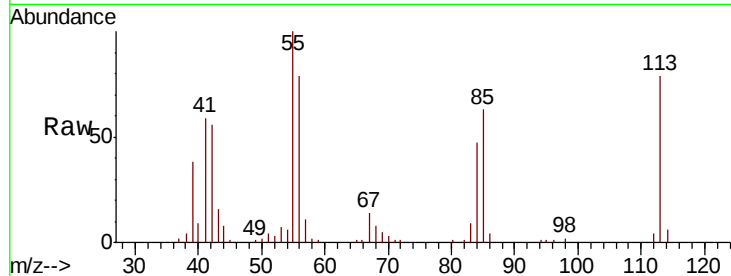




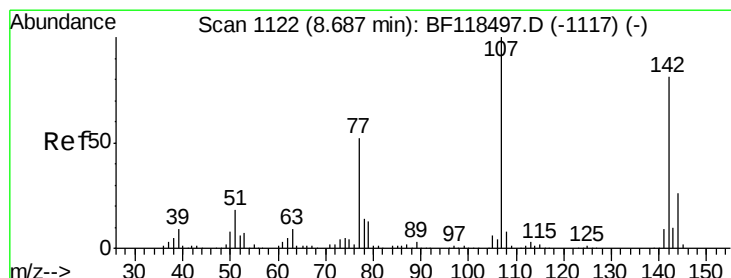
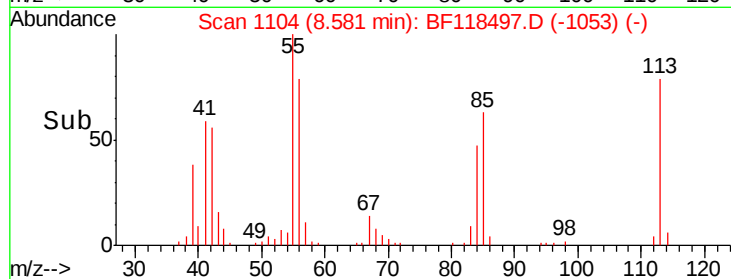
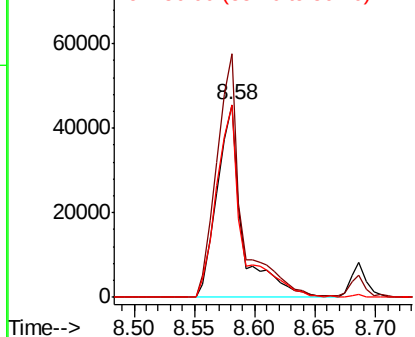
#35
 Caprolactam
 Concen: 37.002 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 66243
 Ion Ratio Lower Upper
 113 100
 55 126.5 106.5 146.5
 56 100.1 80.1 120.1

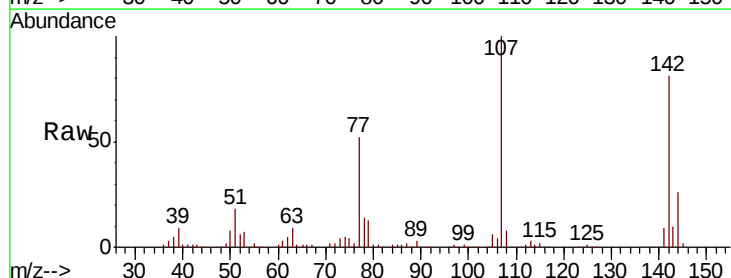


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

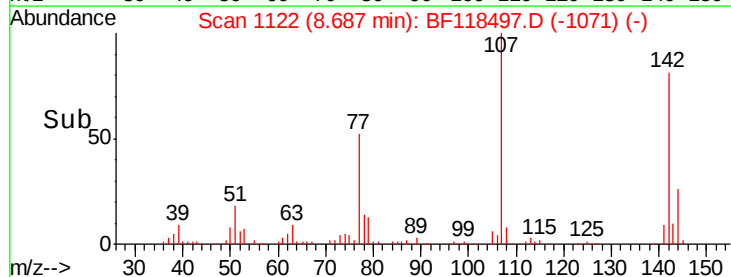
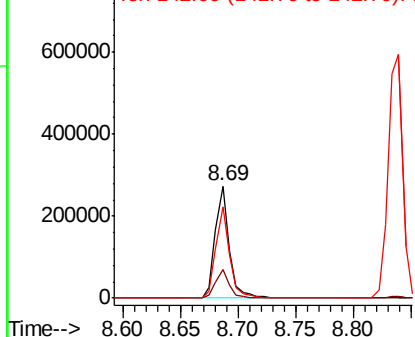


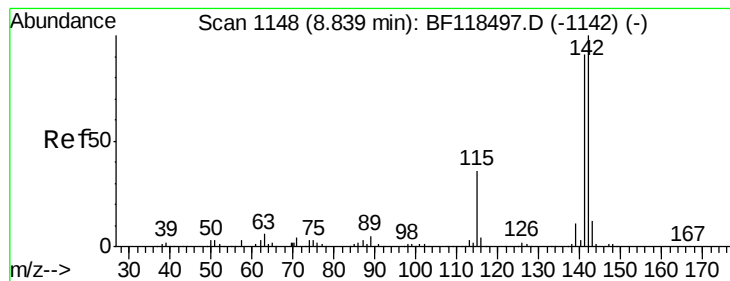
#36
 4-Chloro-3-methylphenol
 Concen: 38.808 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion:107 Resp: 231593
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 31.0
 142 81.2 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: 38.715 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

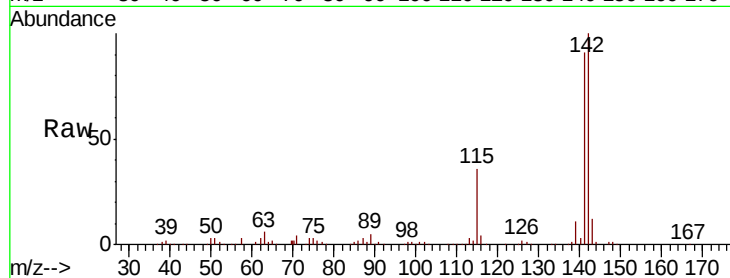
Tot Ion:142 Resp: 523960

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.6

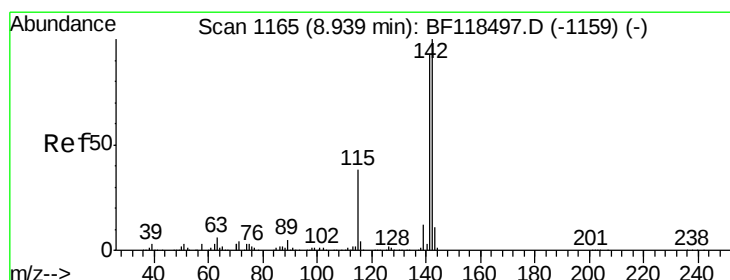
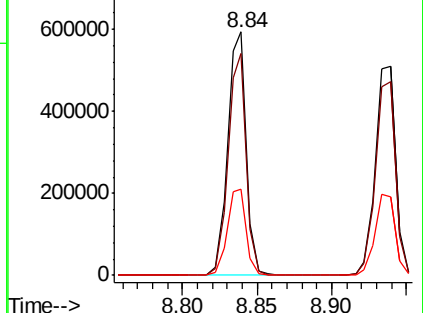
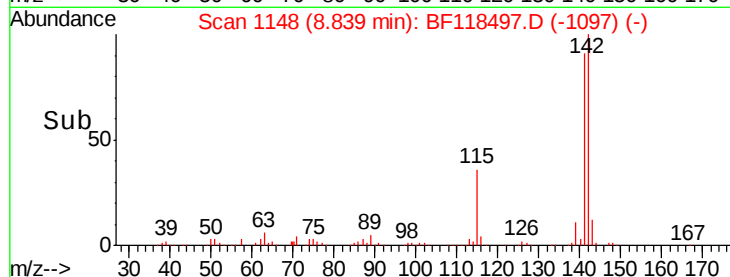
115 35.5 28.4 42.6



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: 36.623 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

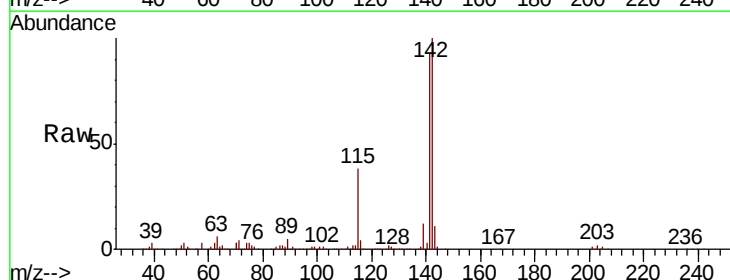
Tgt Ion:142 Resp: 474378

Ion Ratio Lower Upper

142 100

141 92.9 74.3 111.5

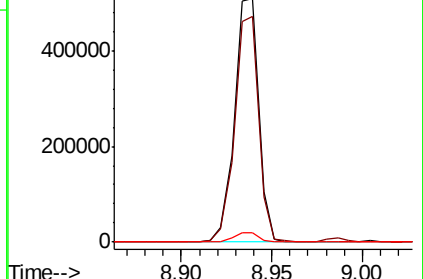
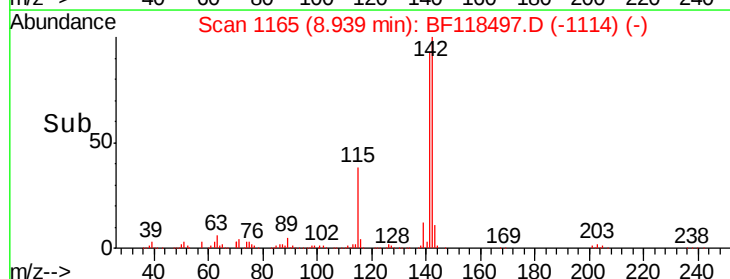
116 4.0 3.2 4.8

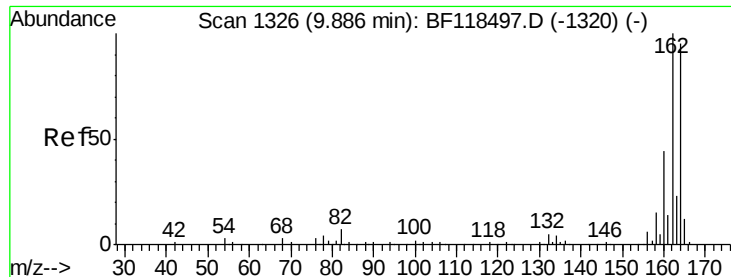


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

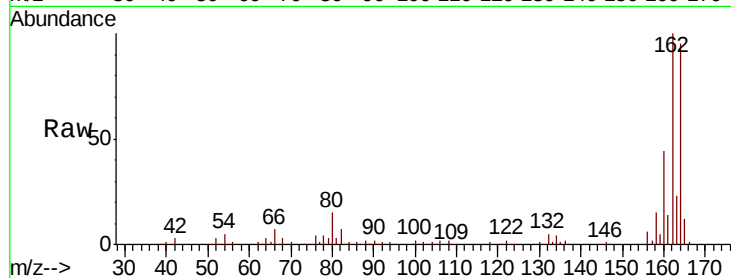
Tot Ion:164 Resp: 205461

Ion Ratio Lower Upper

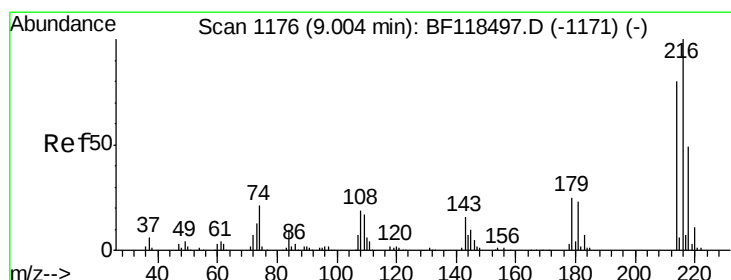
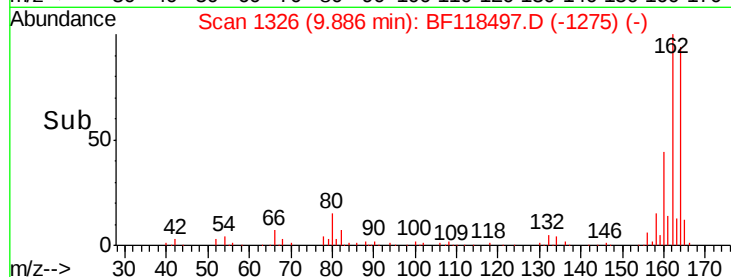
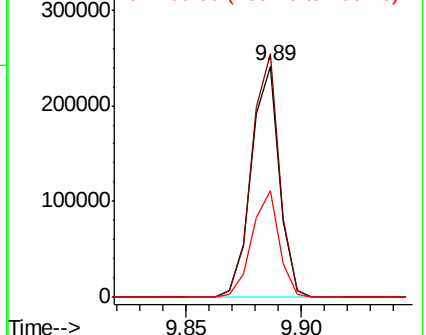
164 100

162 105.3 84.2 126.4

160 46.0 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: 38.191 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:216 Resp: 237383

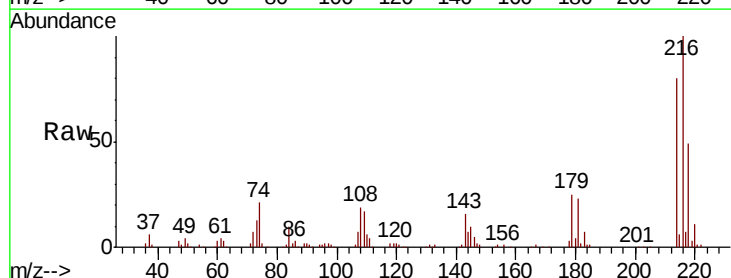
Ion Ratio Lower Upper

216 100

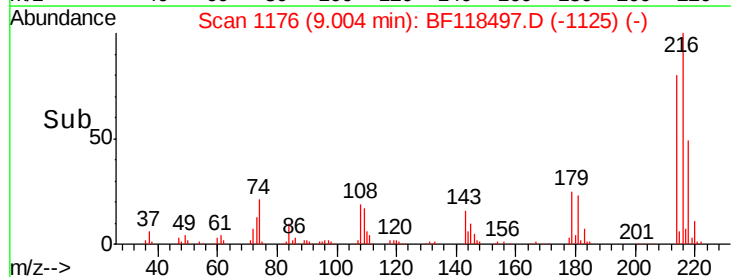
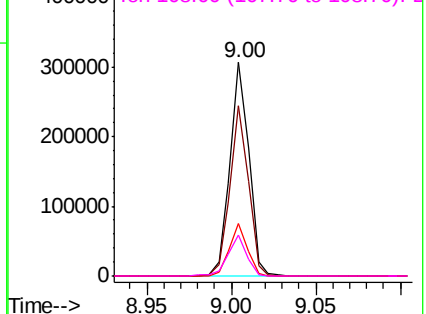
214 78.0 62.4 93.6

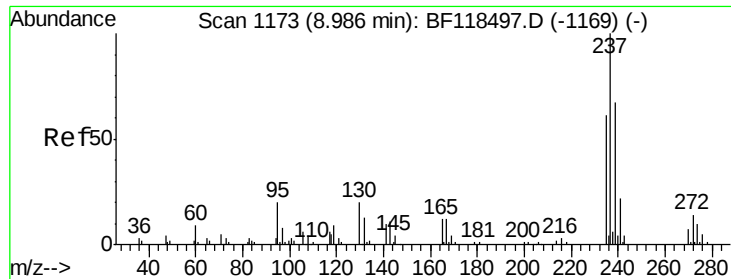
179 23.4 18.7 28.1

108 19.1 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: 39.568 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

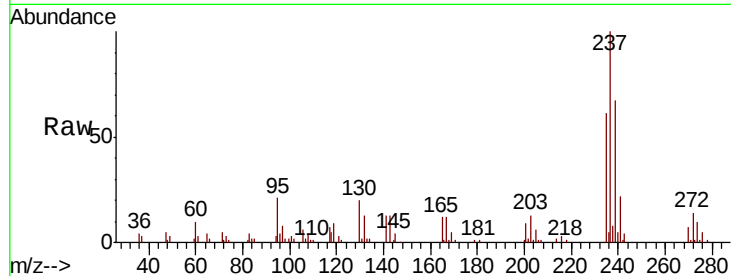
Tot Ion:237 Resp: 44518

Ion Ratio Lower Upper

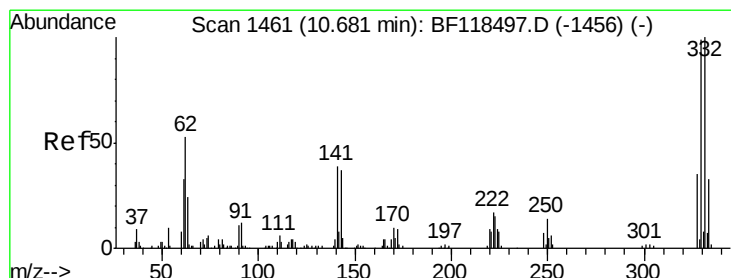
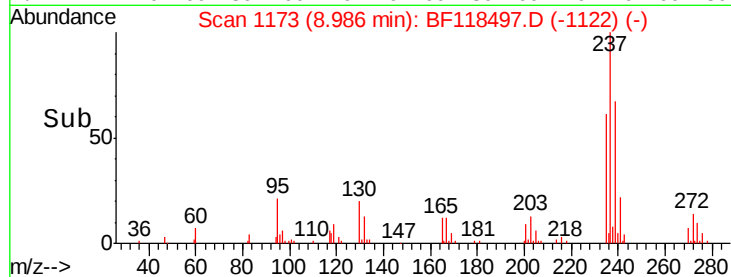
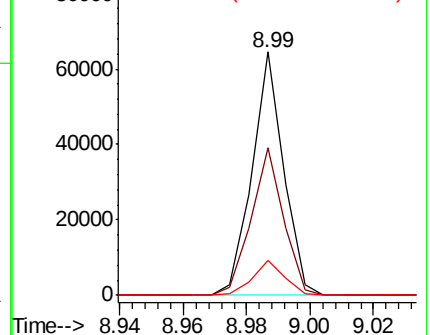
237 100

235 60.8 40.8 80.8

272 14.2 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: 70.669 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

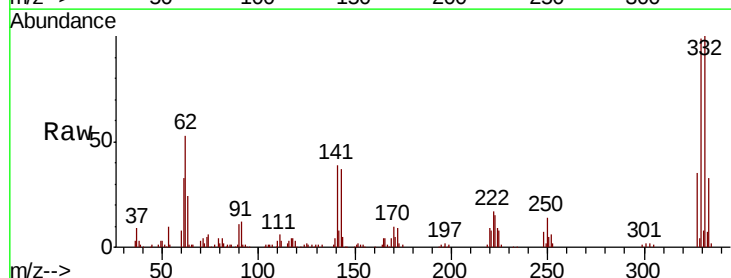
Tgt Ion:330 Resp: 176827

Ion Ratio Lower Upper

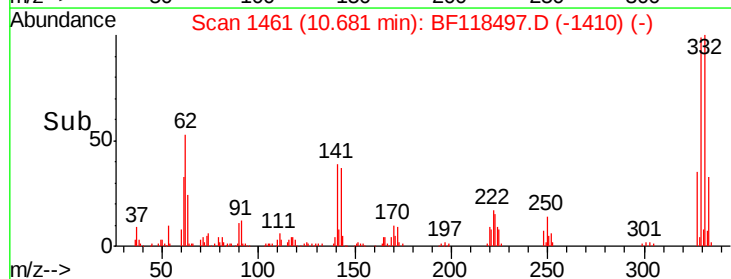
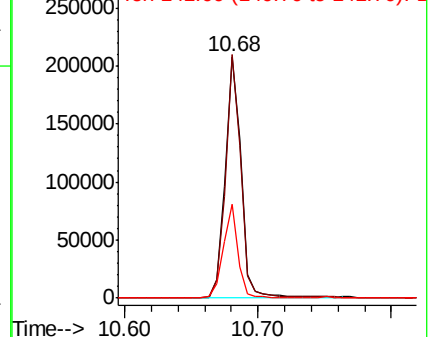
330 100

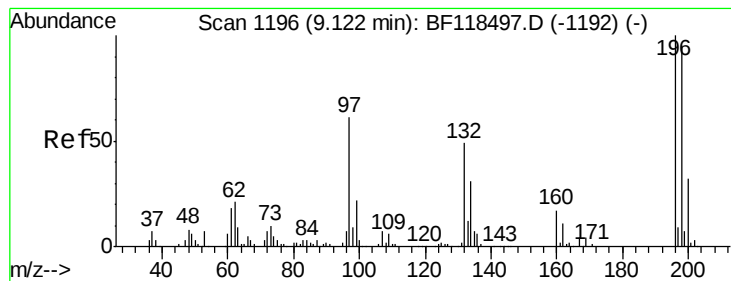
332 97.4 77.9 116.9

141 35.8 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: 36.037 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampled :

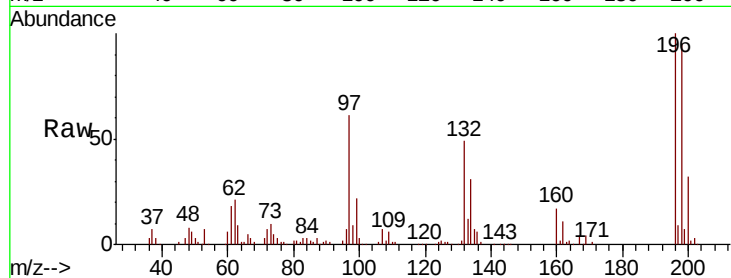
Tot Ion:196 Resp: 143057

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.4

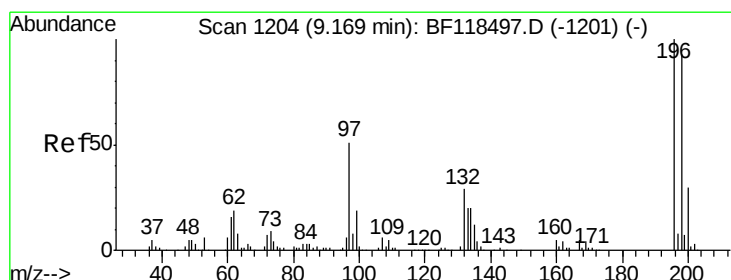
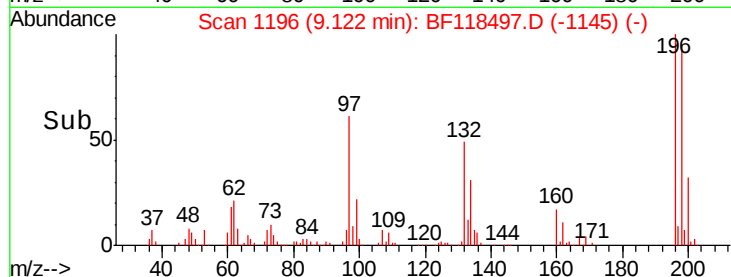
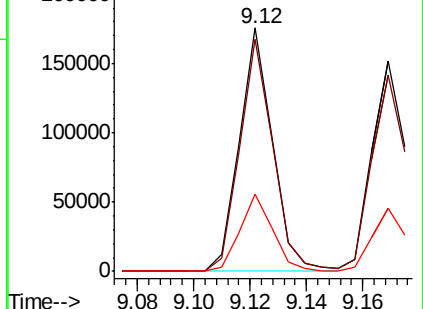
200 31.5 25.2 37.8



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: 37.495 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:196 Resp: 151519

Ion Ratio Lower Upper

196 100

198 93.4 74.7 112.1

97 50.9 40.7 61.1

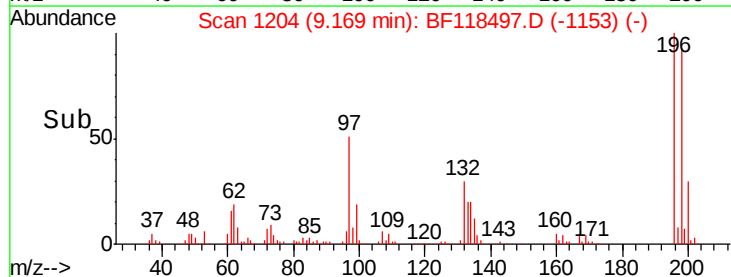
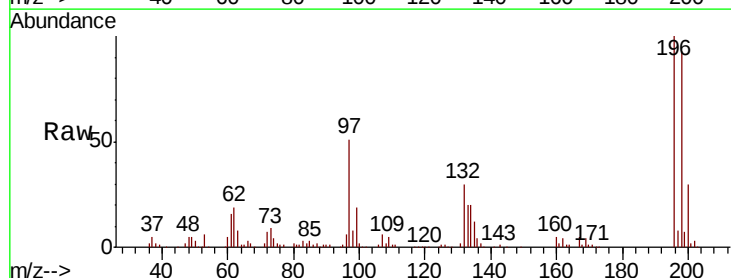
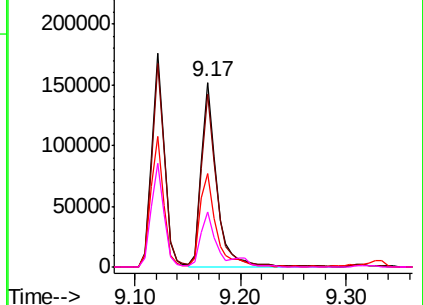
132 29.6 23.7 35.5

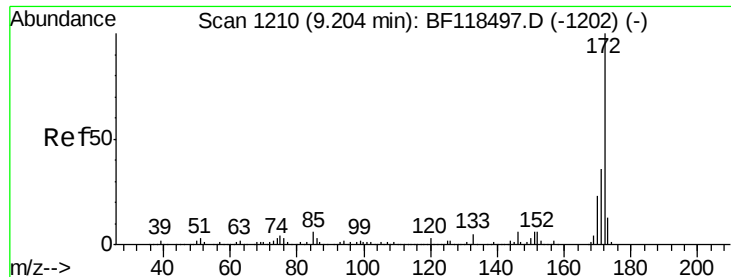
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

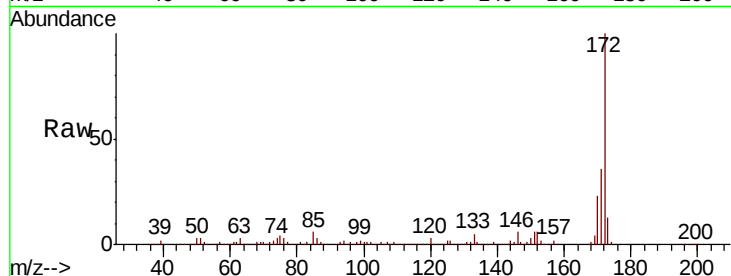




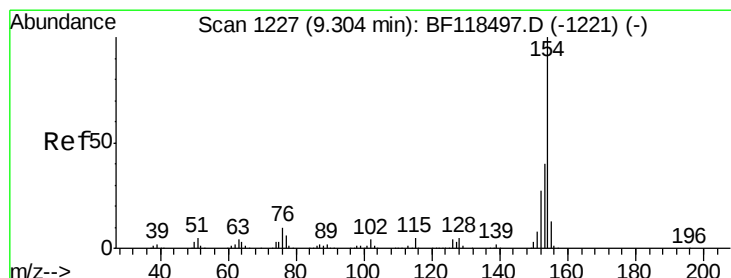
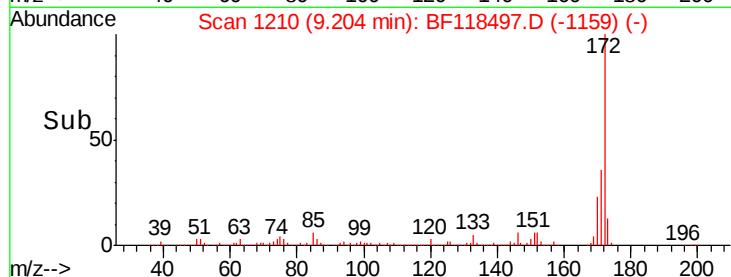
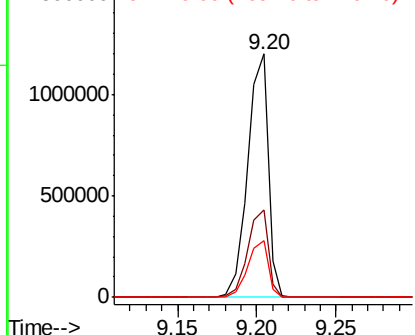
#45
2-Fluorobiphenyl
Concen: 76.982 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1071400
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.2 18.6 27.8

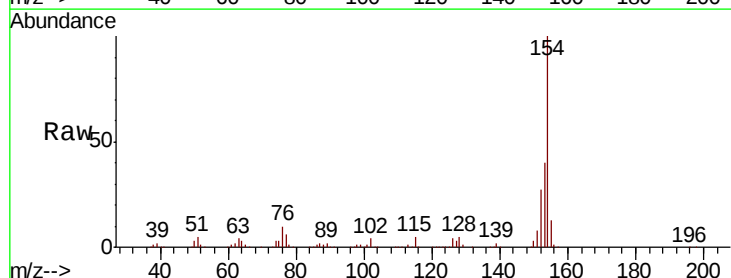


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

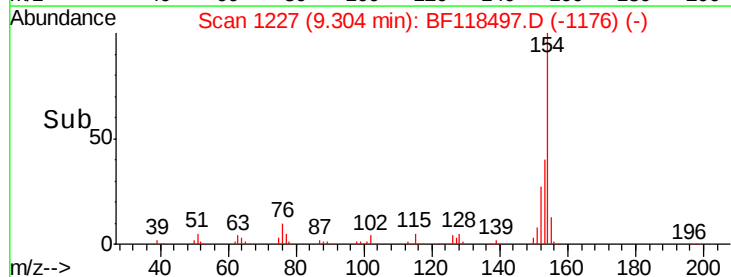
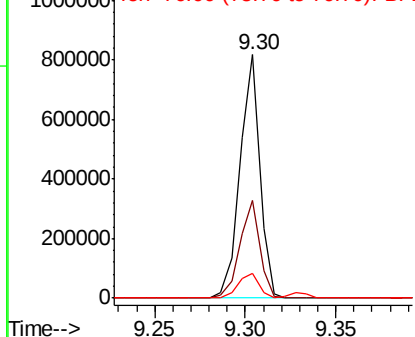


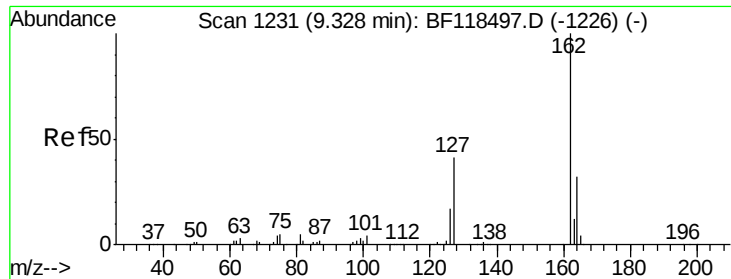
#46
1,1'-Biphenyl
Concen: 37.879 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:154 Resp: 622986
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 10.4 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

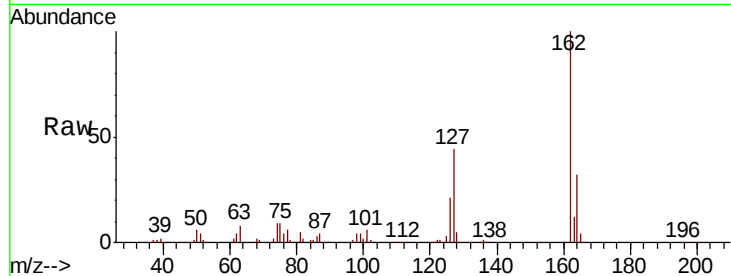




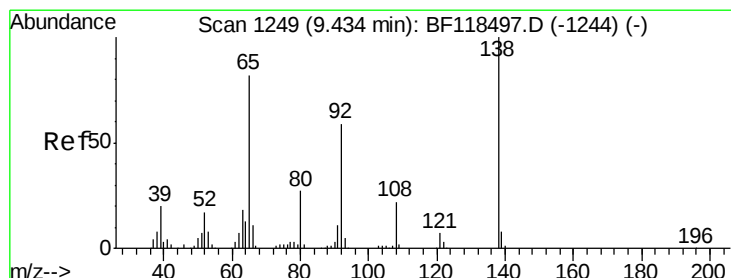
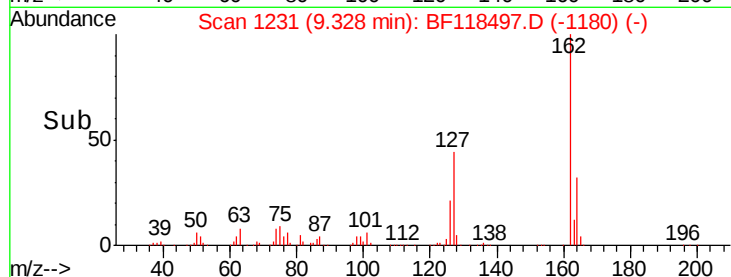
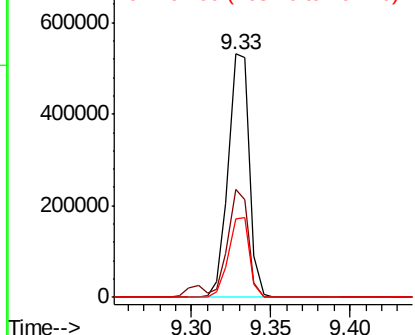
#47
 2-Chloronaphthalene
 Concen: 37.379 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.4	35.5	53.3
164	32.3	25.8	38.8

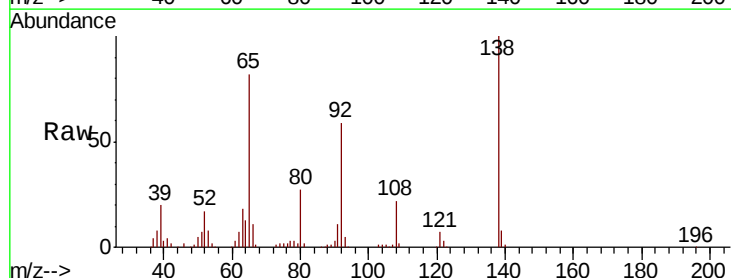


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

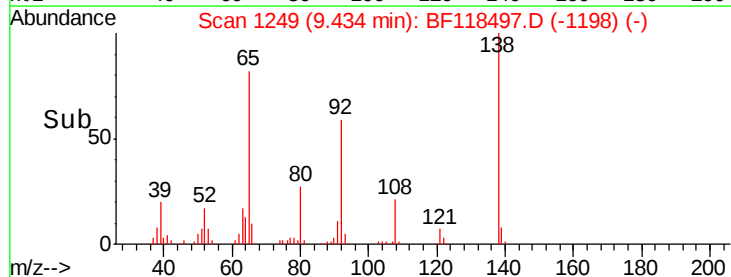
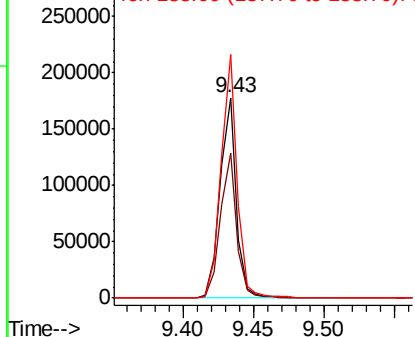


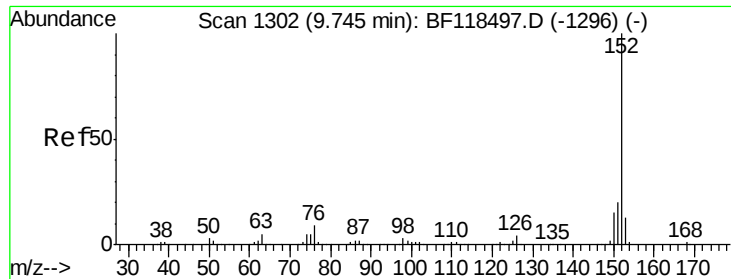
#48
 2-Nitroaniline
 Concen: 37.569 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.7	86.5
138	121.5	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: 38.784 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

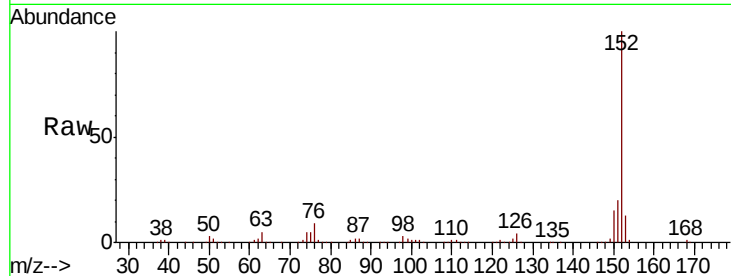
Tot Ion:152 Resp: 760086

Ion Ratio Lower Upper

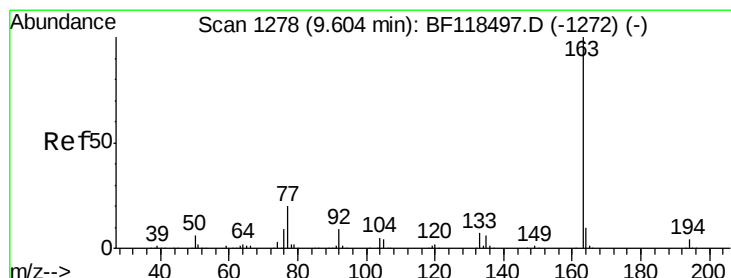
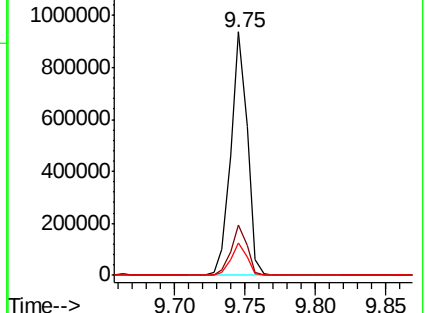
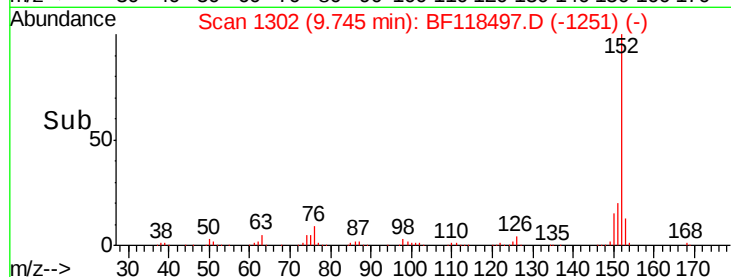
152 100

151 20.4 16.3 24.5

153 13.3 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: 37.880 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

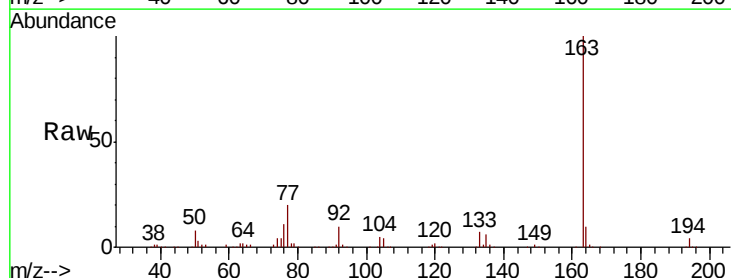
Tgt Ion:163 Resp: 599148

Ion Ratio Lower Upper

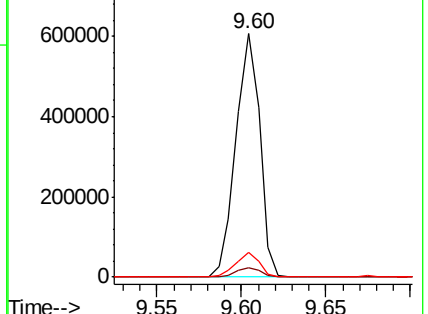
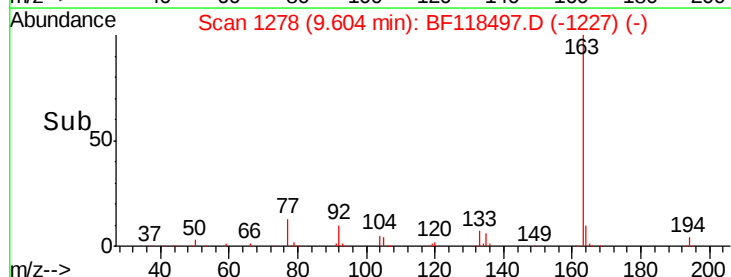
163 100

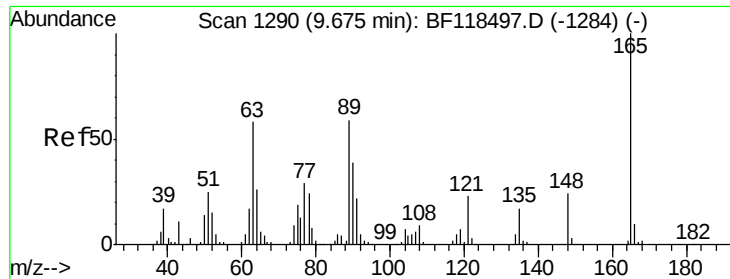
194 3.8 3.0 4.6

164 10.1 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

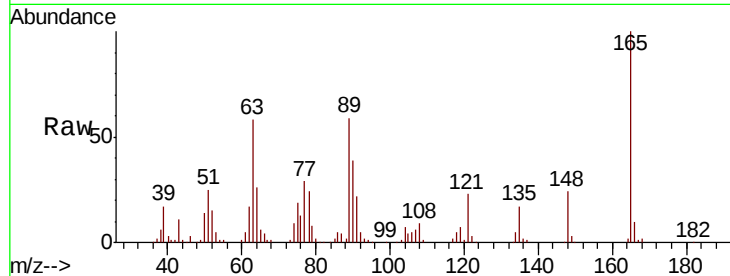




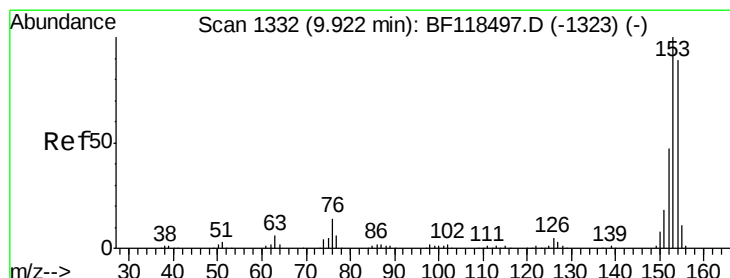
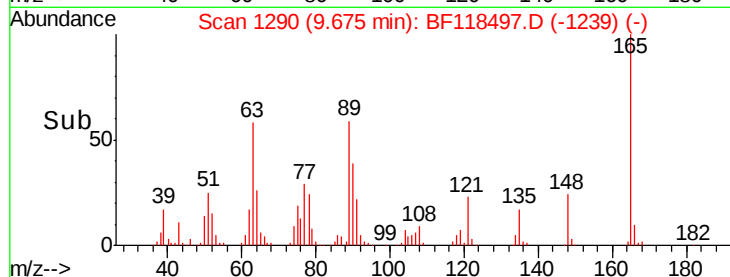
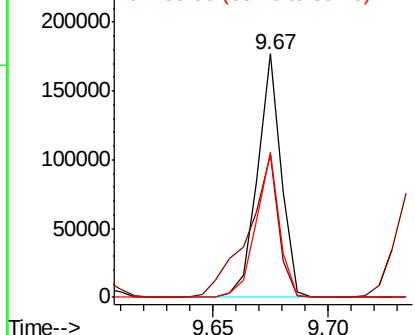
#51
 2,6-Dinitrotoluene
 Concen: 39.257 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 127251
 Ion Ratio Lower Upper
 165 100
 63 58.3 46.6 70.0
 89 59.4 47.5 71.3

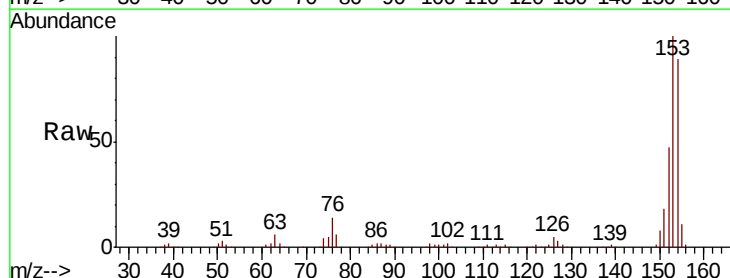


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

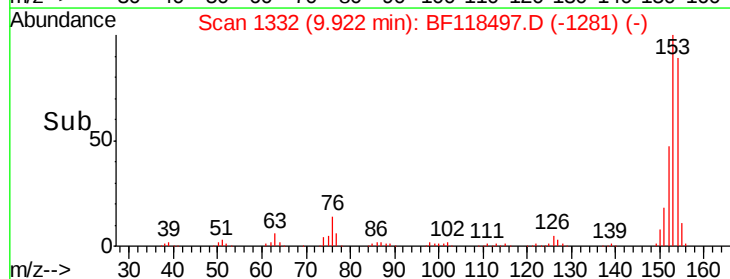
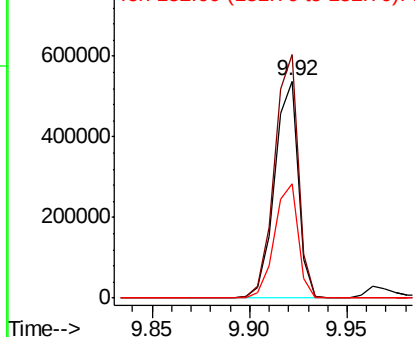


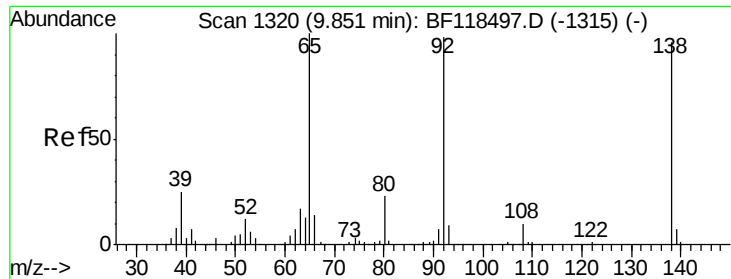
#52
 Acenaphthene
 Concen: 36.715 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion:154 Resp: 453072
 Ion Ratio Lower Upper
 154 100
 153 112.1 89.7 134.5
 152 52.4 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

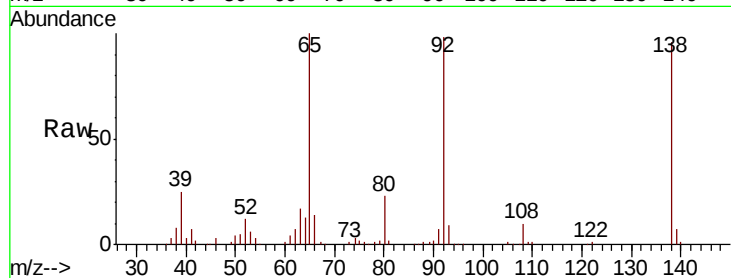




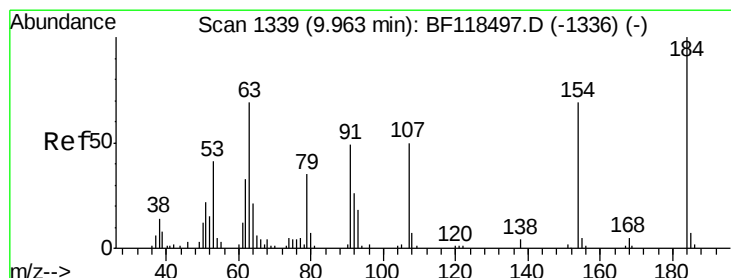
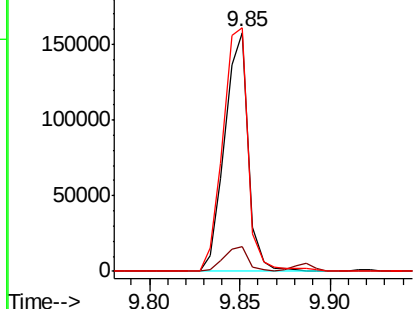
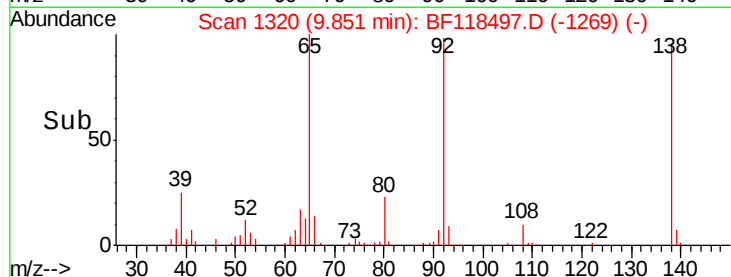
#53
3-Nitroaniline
Concen: 36.397 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 144401
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 102.0 81.6 122.4

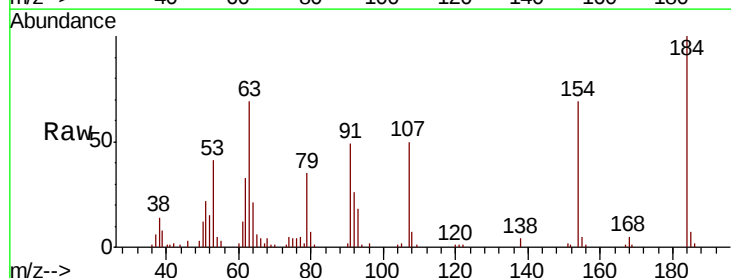


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

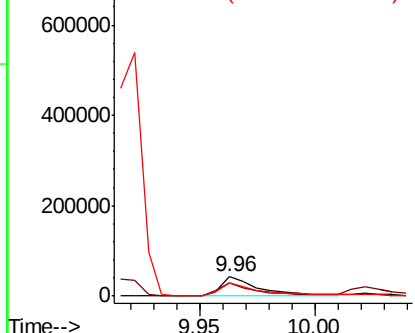
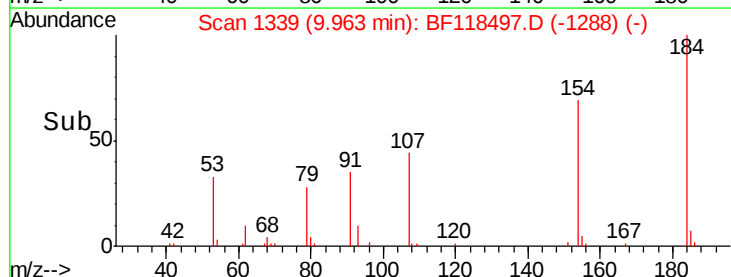


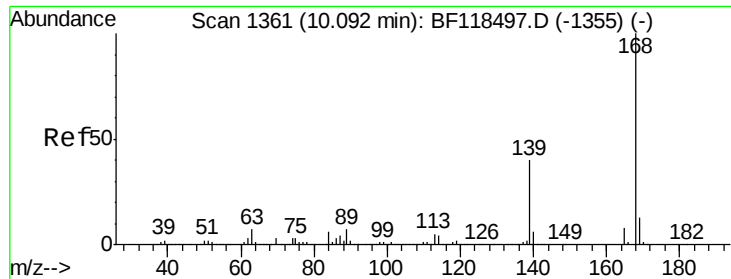
#54
2,4-Dinitrophenol
Concen: 36.750 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:184 Resp: 50382
Ion Ratio Lower Upper
184 100
63 69.1 55.3 82.9
154 68.7 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

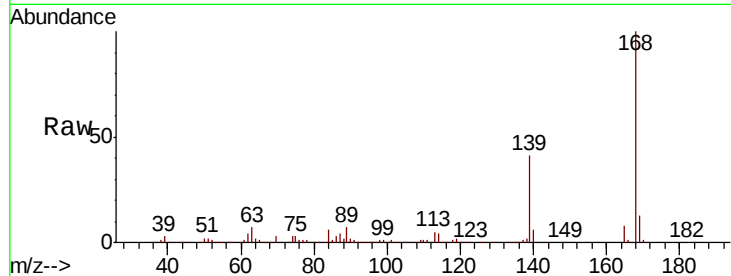




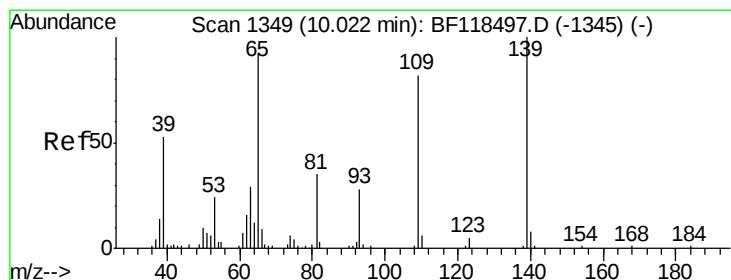
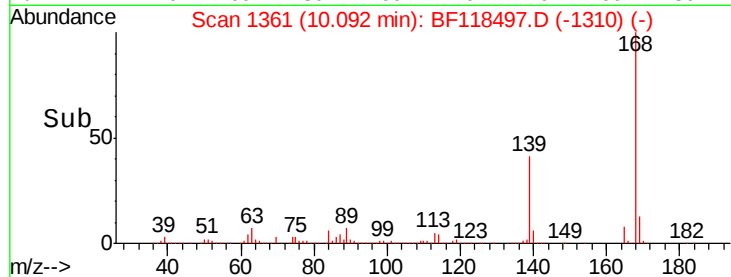
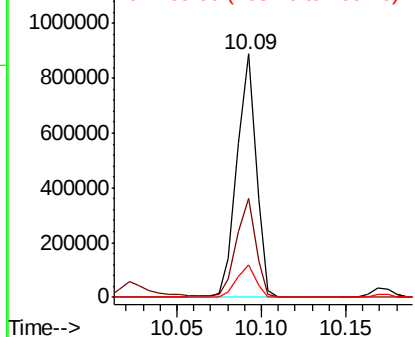
#55
Dibenzofuran
Concen: 40.403 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 705884
Ion Ratio Lower Upper
168 100
139 40.6 32.5 48.7
169 13.3 10.6 16.0

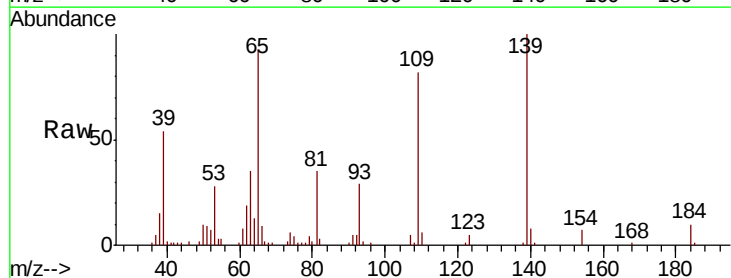


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

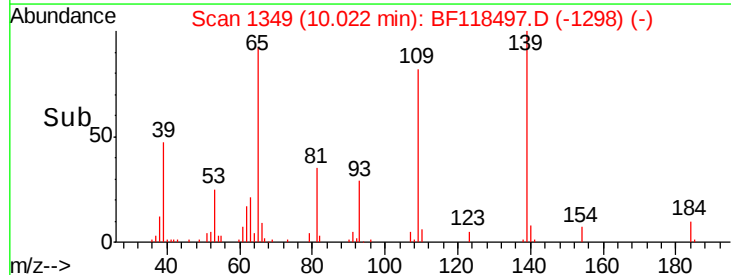
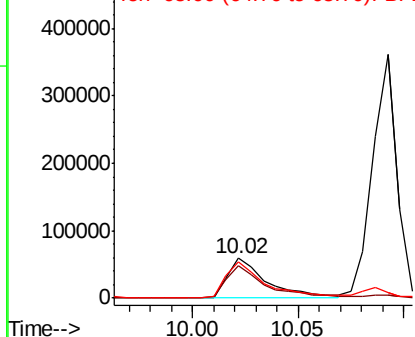


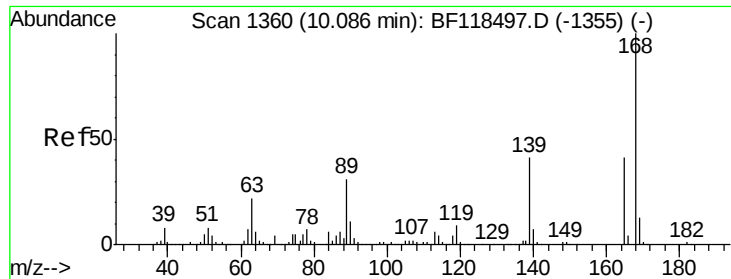
#56
4-Nitrophenol
Concen: 39.620 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:139 Resp: 75595
Ion Ratio Lower Upper
139 100
109 82.2 62.2 102.2
65 92.8 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

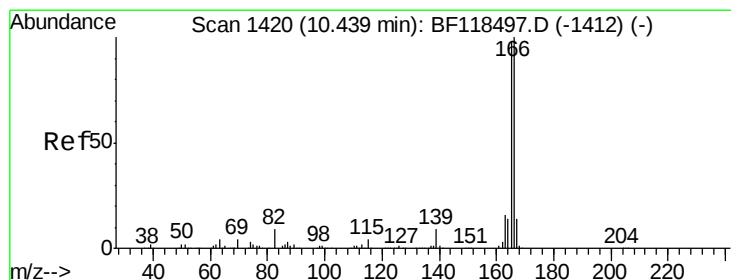
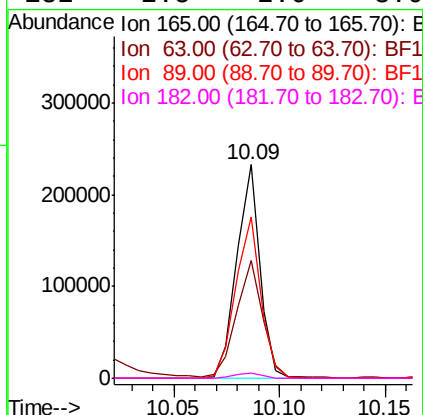
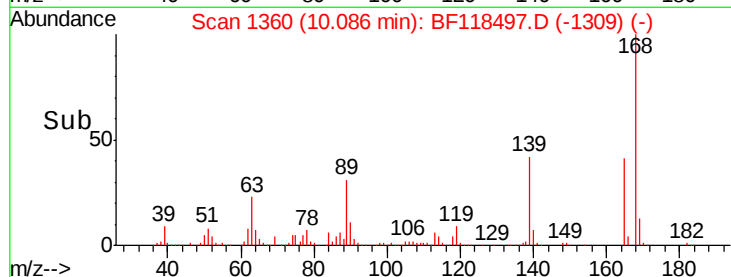
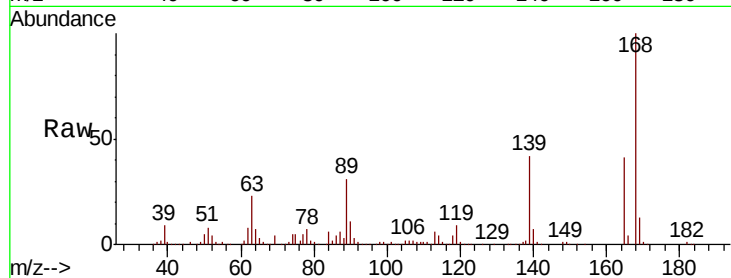




#57
2,4-Dinitrotoluene
Concen: 39.398 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

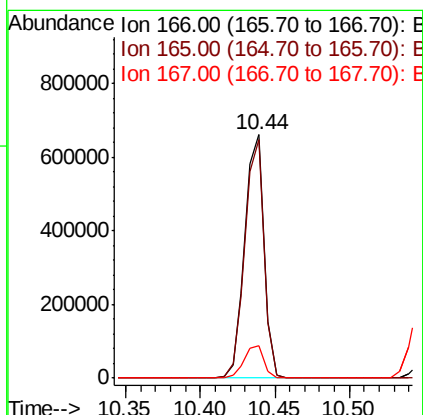
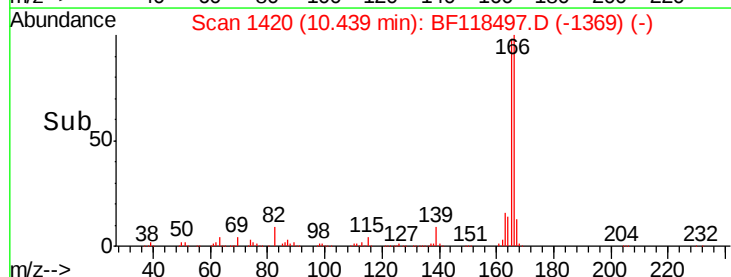
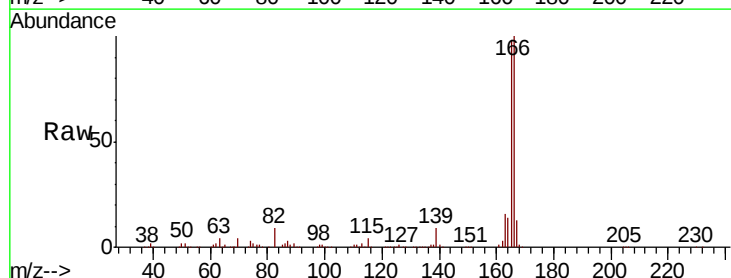
Instrument :
BNA_F
ClientSampleId :

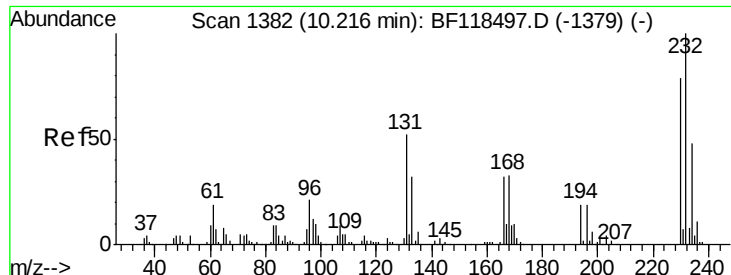
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	44.1	66.1
89	75.5	60.4	90.6
182	2.5	2.0	3.0



#58
Fluorene
Concen: 41.439 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.5	10.8	16.2

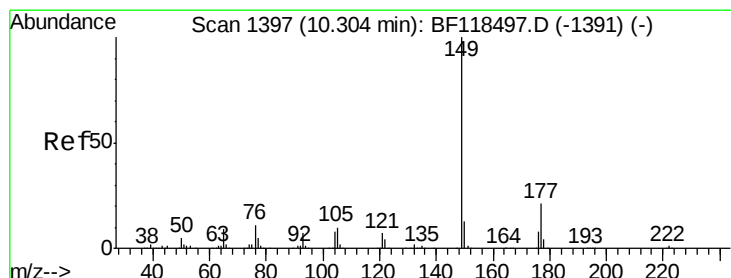
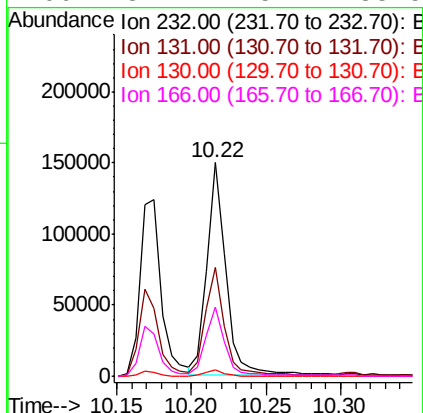
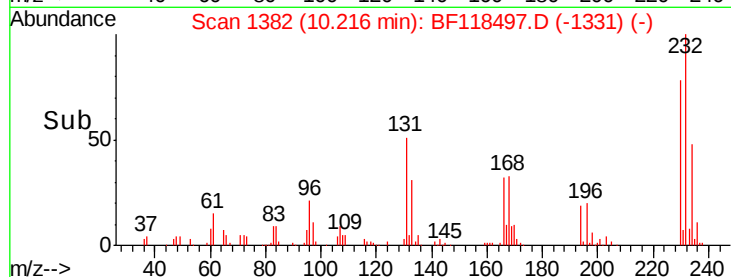
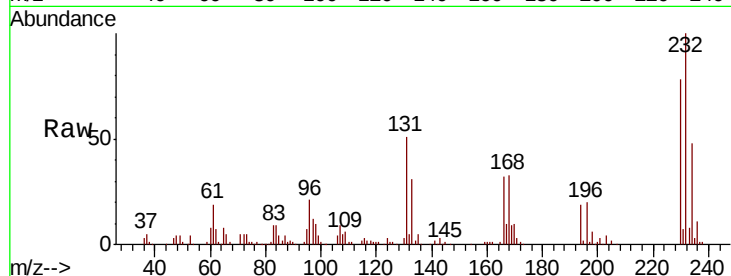




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.577 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

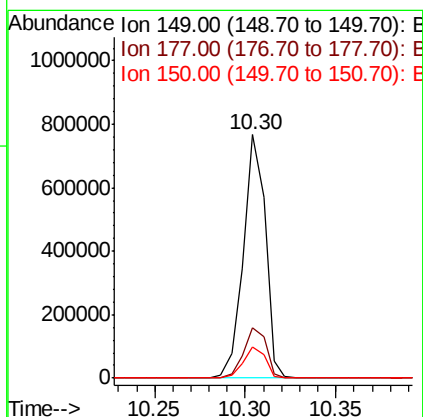
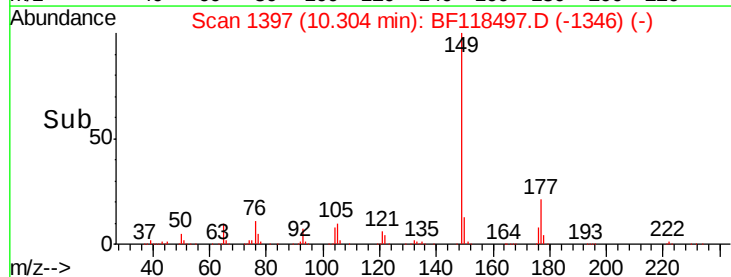
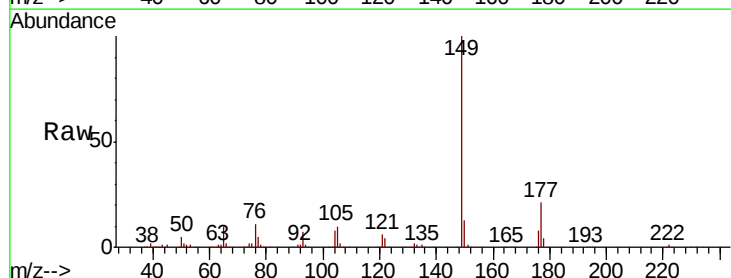
Instrument :
BNA_F
ClientSampleId :

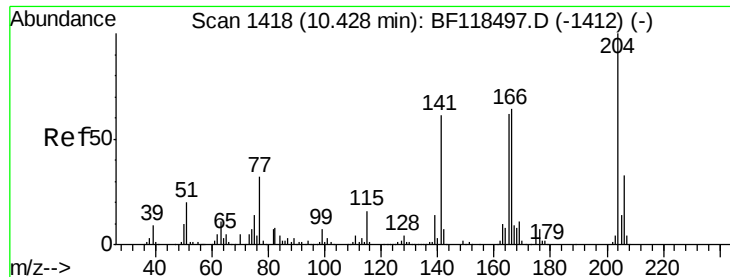
Tot Ion:232 Resp: 132685
Ion Ratio Lower Upper
232 100
131 52.8 42.2 63.4
130 2.6 2.1 3.1
166 32.1 25.7 38.5



#60
Diethylphthalate
Concen: 41.529 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:149 Resp: 645922
Ion Ratio Lower Upper
149 100
177 20.6 16.5 24.7
150 12.7 10.2 15.2

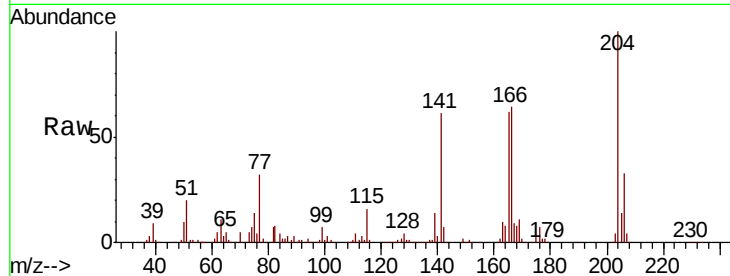




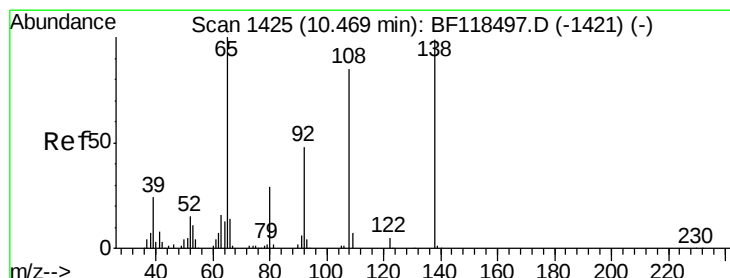
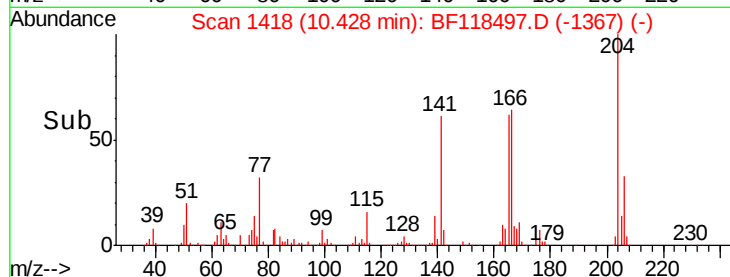
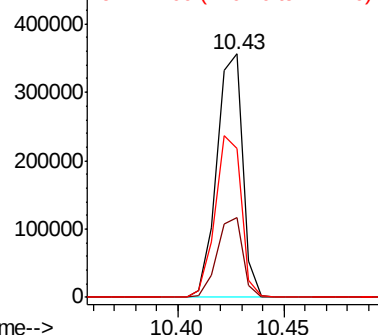
#61
4-Chlorophenyl-phenylether
Concen: 42.261 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 302595
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 61.3 49.0 73.6

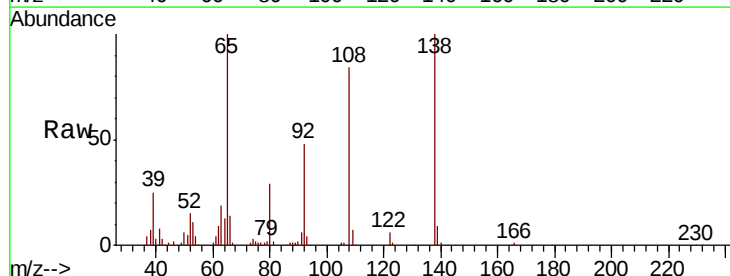


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

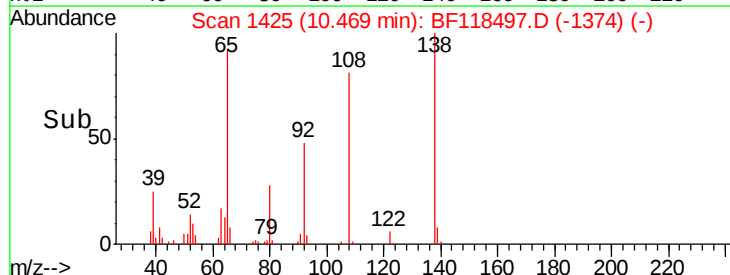
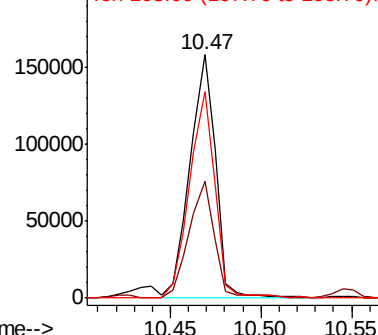


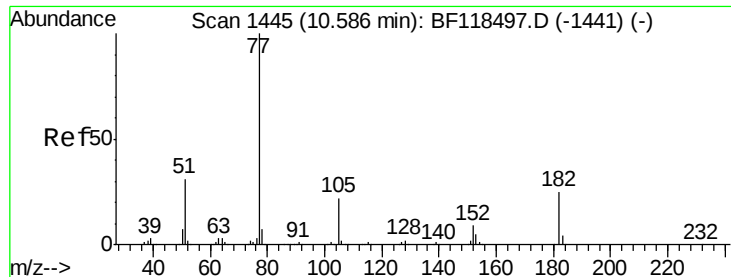
#62
4-Nitroaniline
Concen: 38.278 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:138 Resp: 155432
Ion Ratio Lower Upper
138 100
92 47.9 27.9 67.9
108 84.7 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

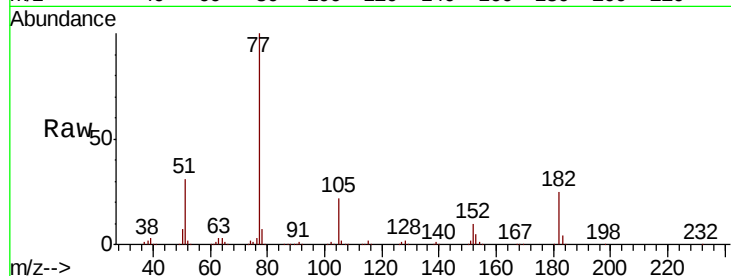




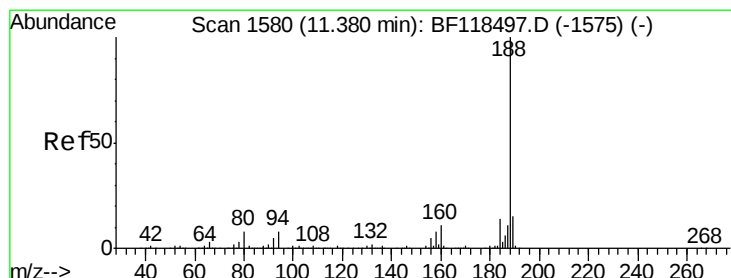
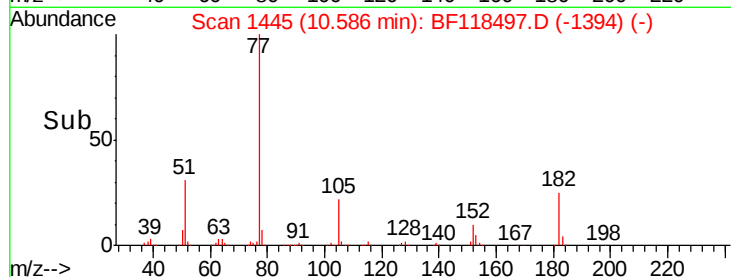
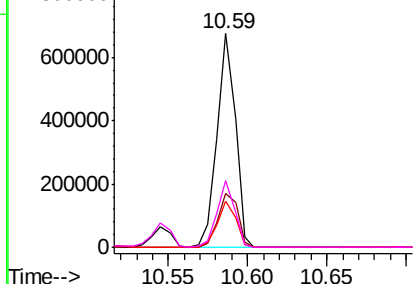
#63
Azobenzene
Concen: 40.572 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 542689
Ion Ratio Lower Upper
77 100
182 25.2 5.2 45.2
105 21.7 1.7 41.7
51 31.2 11.2 51.2

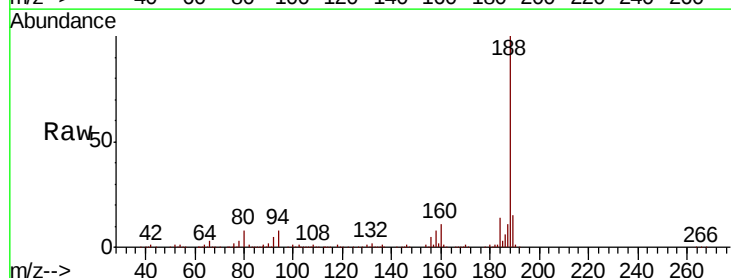


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

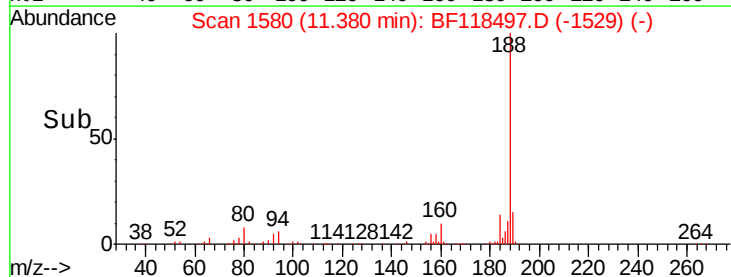
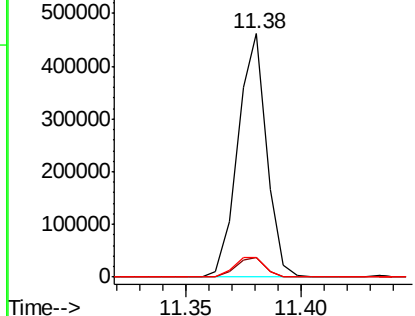


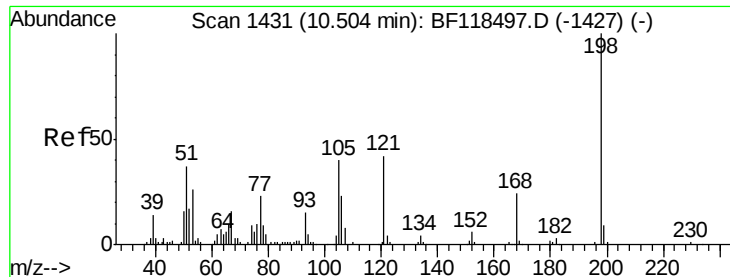
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion: 188 Resp: 398428
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.4
80 8.3 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

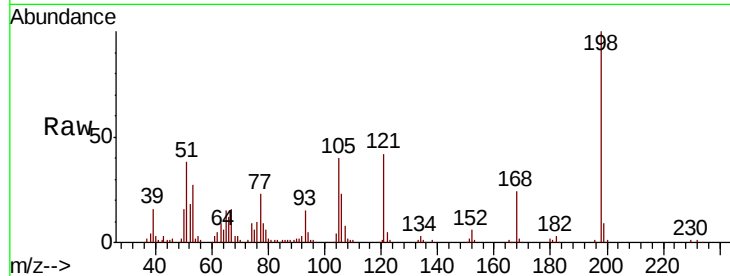




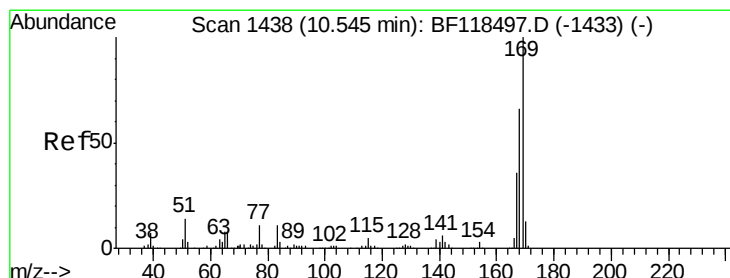
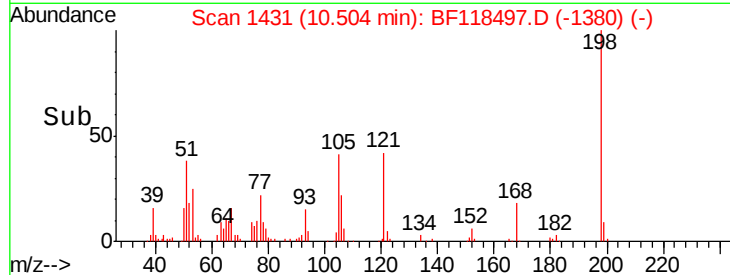
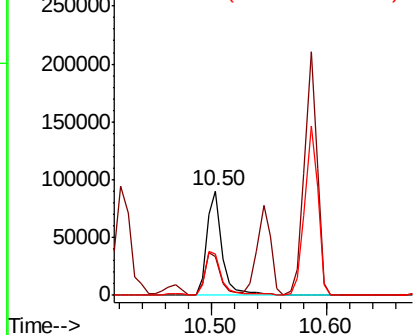
#65
4,6-Dinitro-2-methylphenol
Concen: 37.049 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 84479
Ion Ratio Lower Upper
198 100
51 37.8 17.8 57.8
105 40.1 20.1 60.1

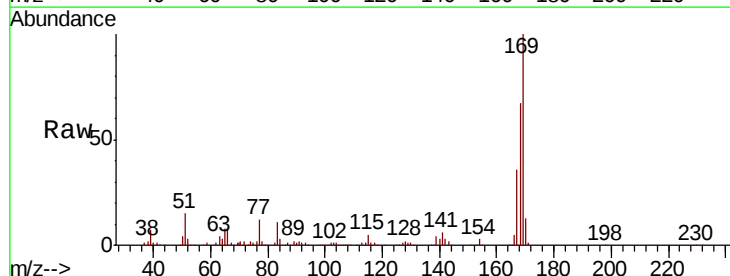


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

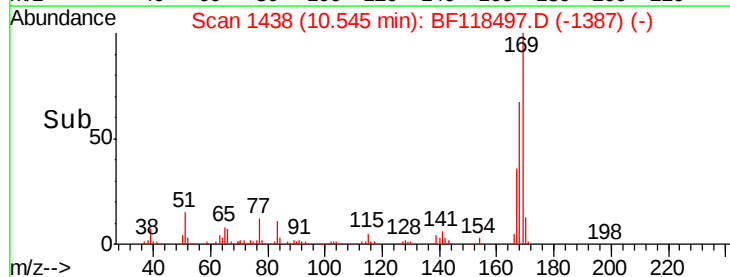
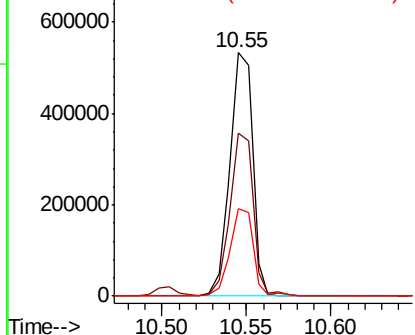


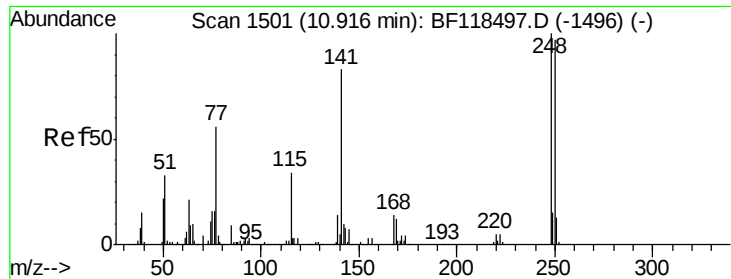
#66
n-Nitrosodiphenylamine
Concen: 36.556 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:169 Resp: 498729
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.1 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

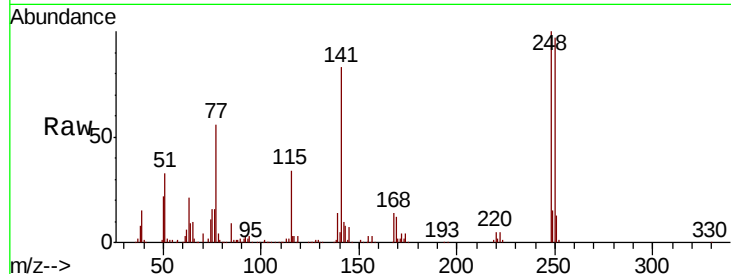




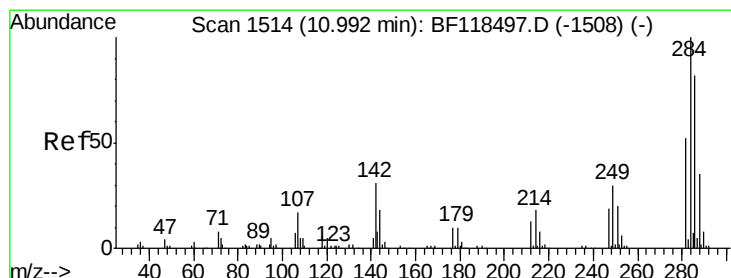
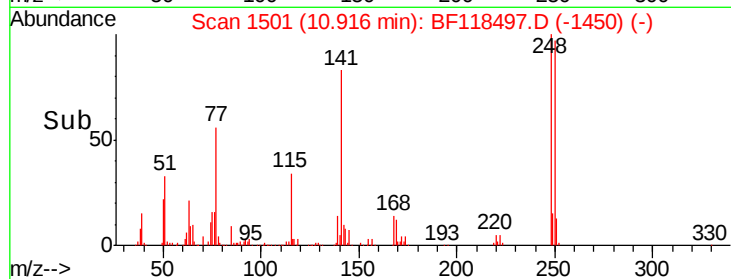
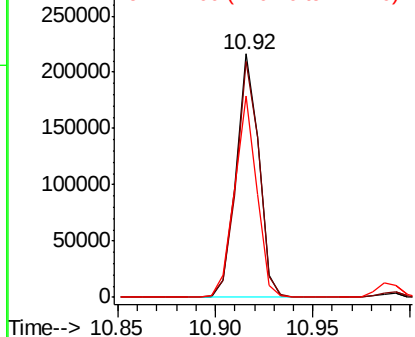
#67
4-Bromophenyl-phenylether
Concen: 34.403 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 173786
Ion Ratio Lower Upper
248 100
250 96.7 77.4 116.0
141 82.8 66.2 99.4

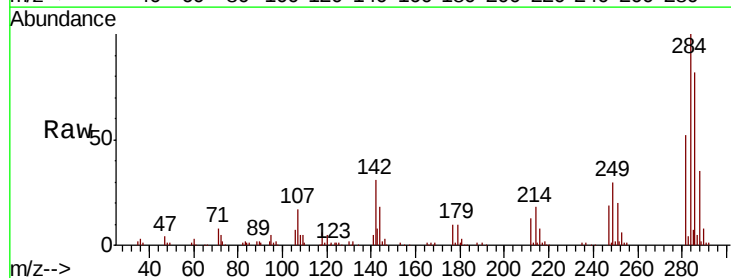


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

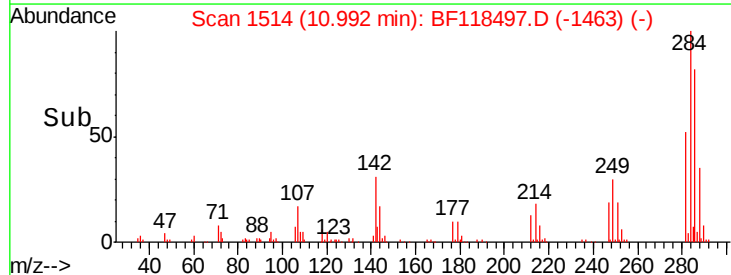
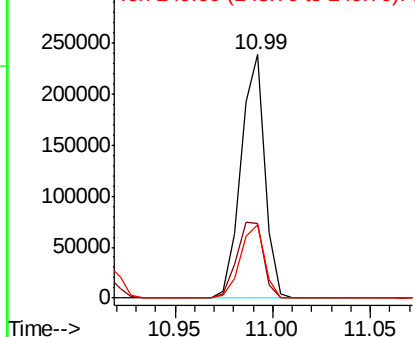


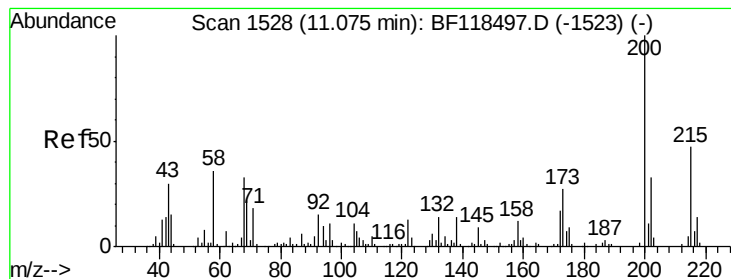
#68
Hexachlorobenzene
Concen: 33.699 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:284 Resp: 202537
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 30.0 24.0 36.0



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





#69

Atrazine

Concen: 34.099 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

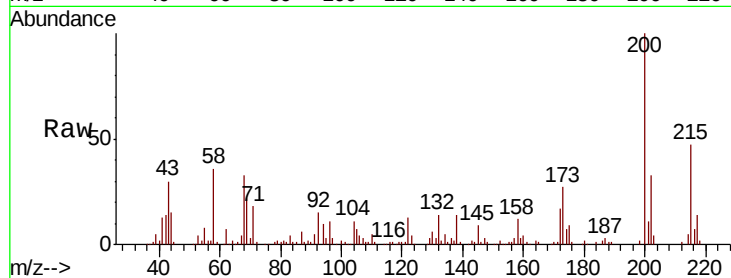
Tot Ion:200 Resp: 143057

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

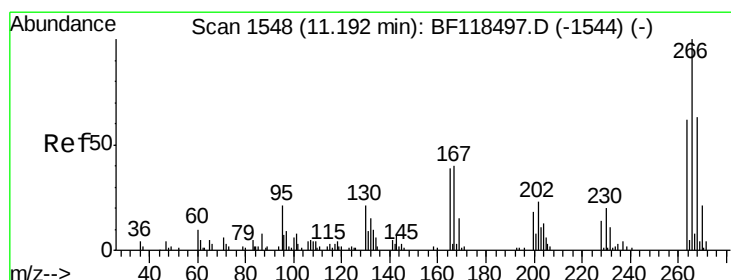
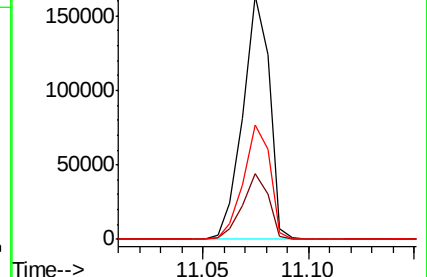
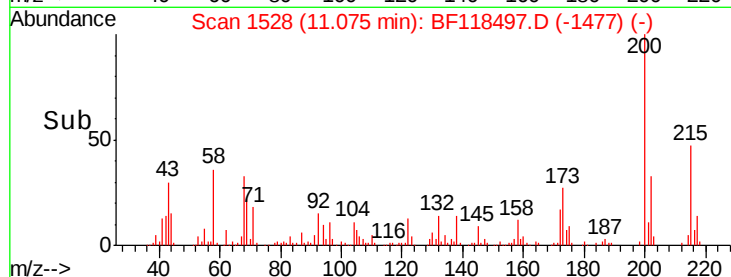
215 47.0 27.0 67.0



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: 34.166 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

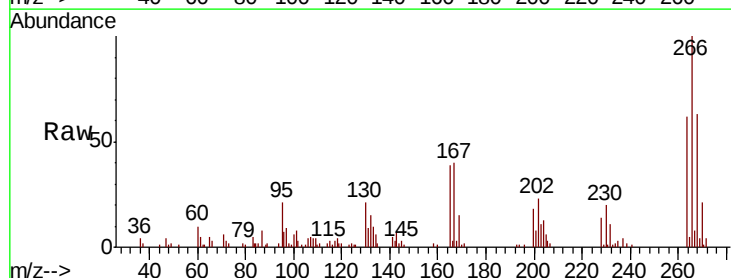
Tgt Ion:266 Resp: 63810

Ion Ratio Lower Upper

266 100

268 62.7 50.2 75.2

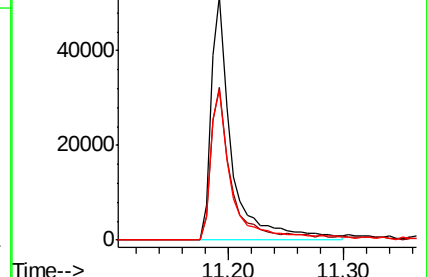
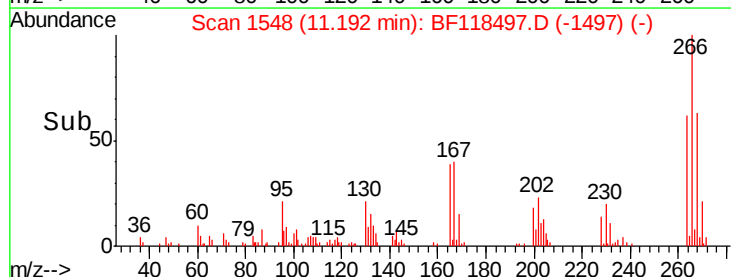
264 61.7 49.4 74.0

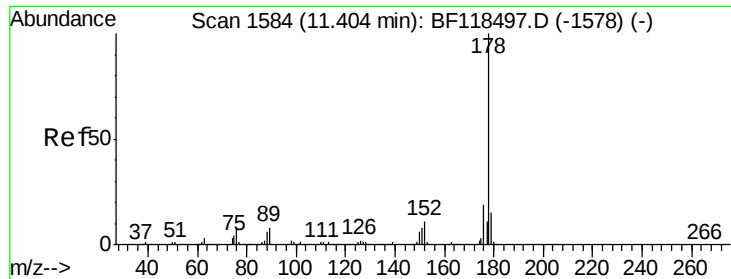


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.519 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

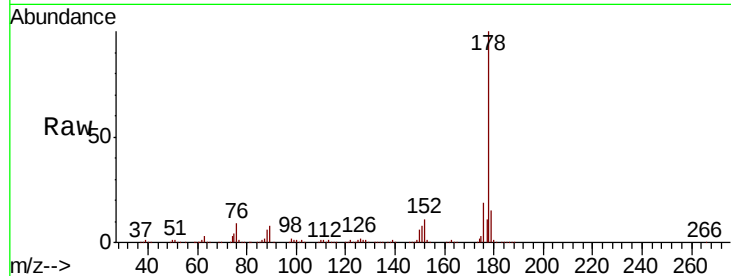
Tot Ion:178 Resp: 824930

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

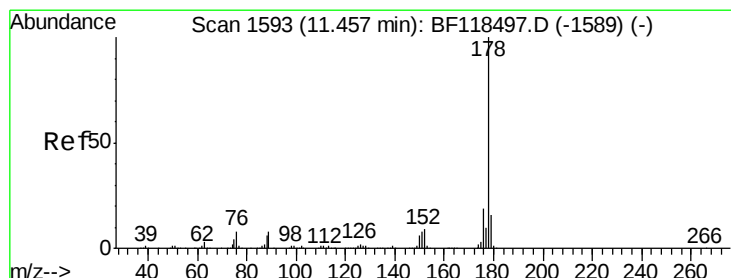
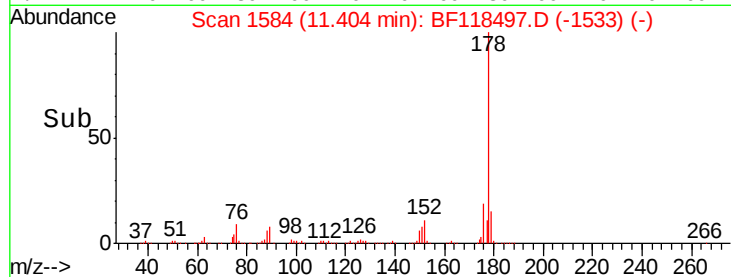
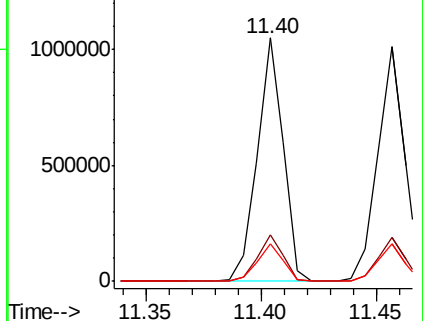
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.778 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

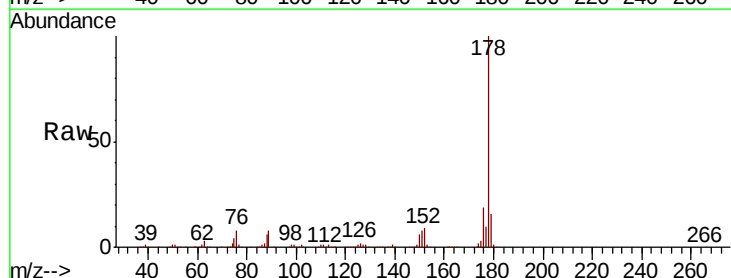
Tgt Ion:178 Resp: 818534

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

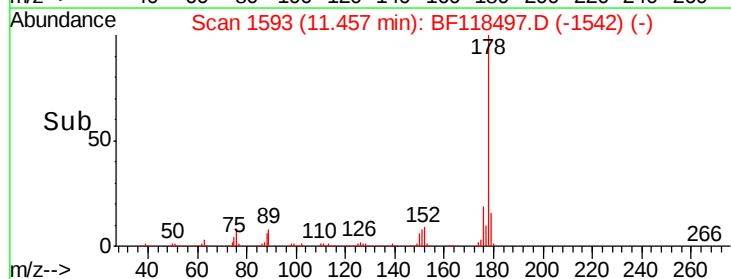
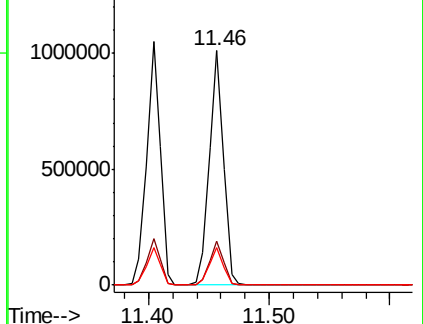
179 15.8 12.6 19.0

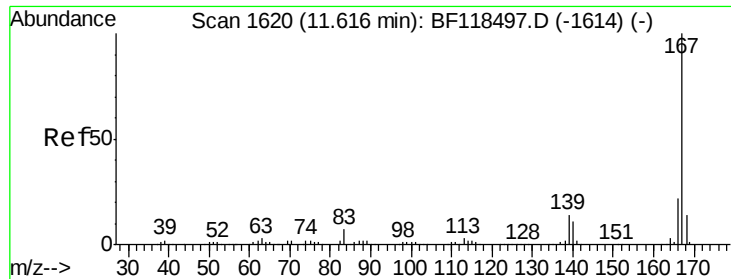


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

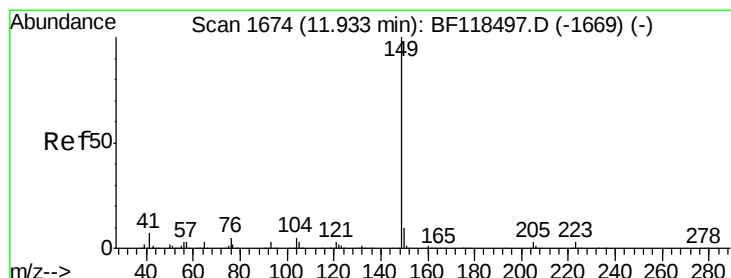
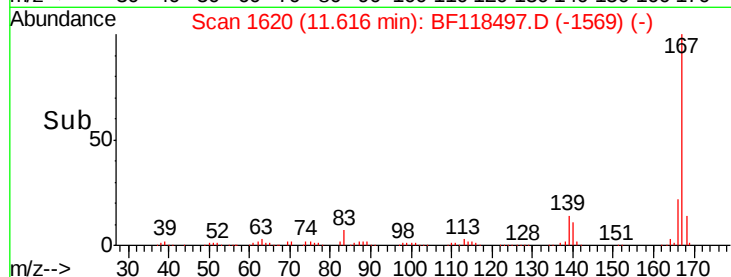
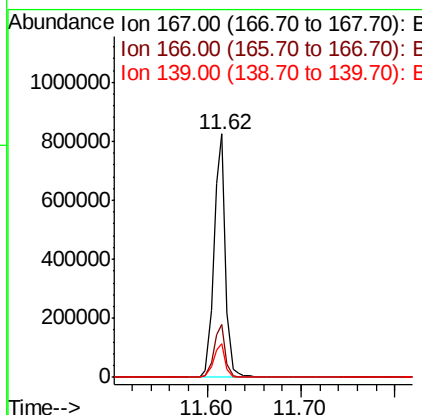
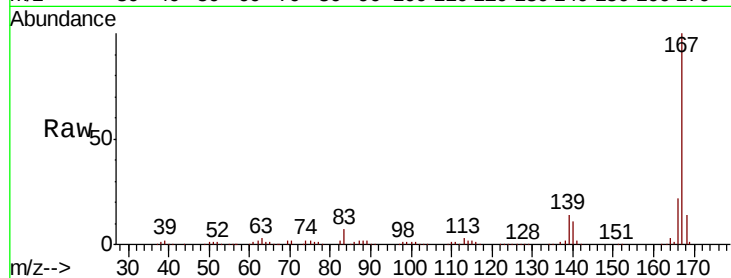




#73
 Carbazole
 Concen: 34.980 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

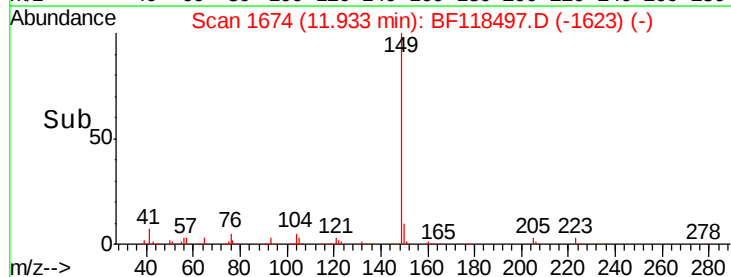
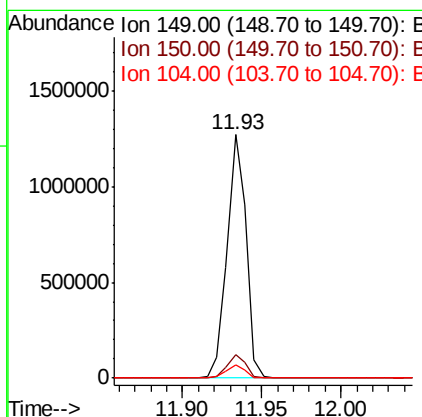
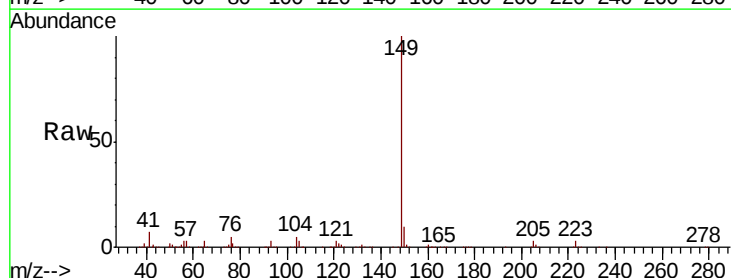
Instrument :
 BNA_F
 ClientSampleId :

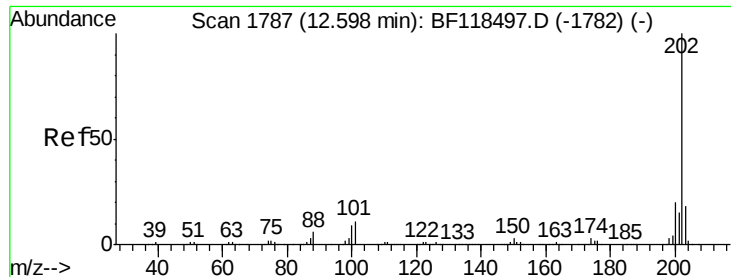
Tot Ion:167 Resp: 713832
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.280 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion:149 Resp: 1051286
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.3 4.2 6.4

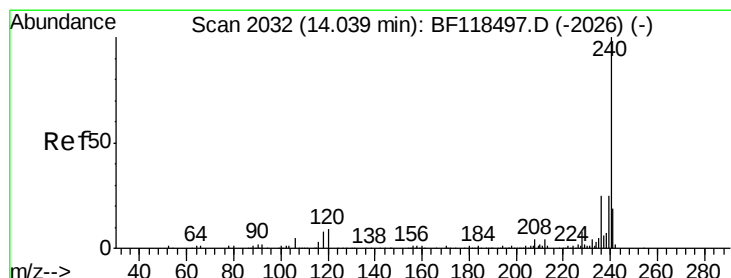
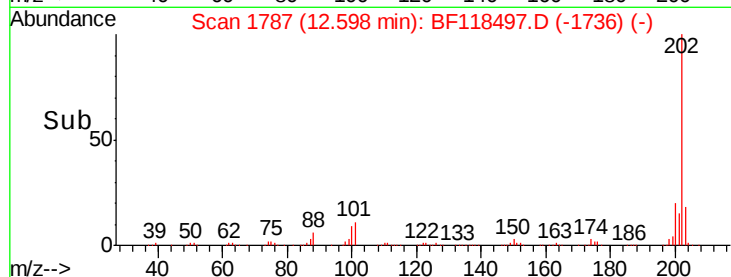
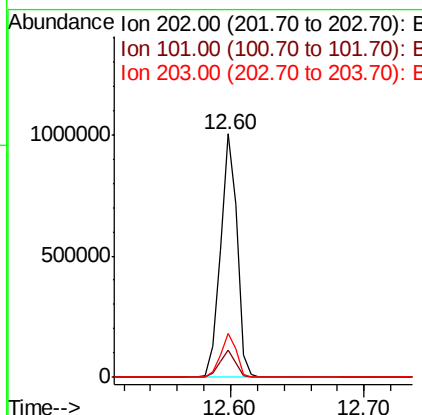
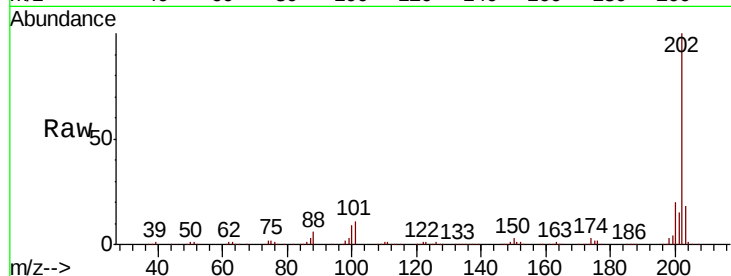




#75
 Fluoranthene
 Concen: 38.009 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

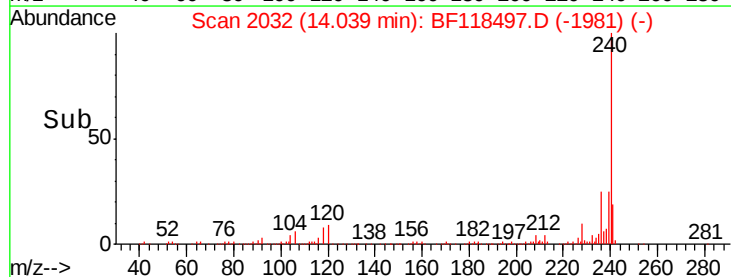
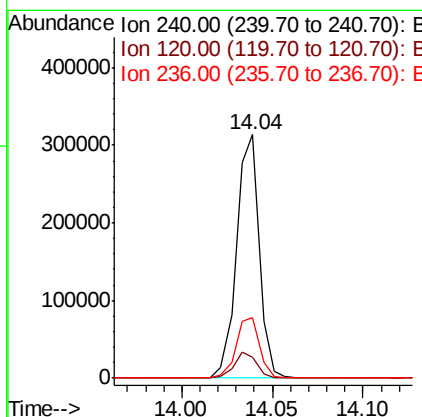
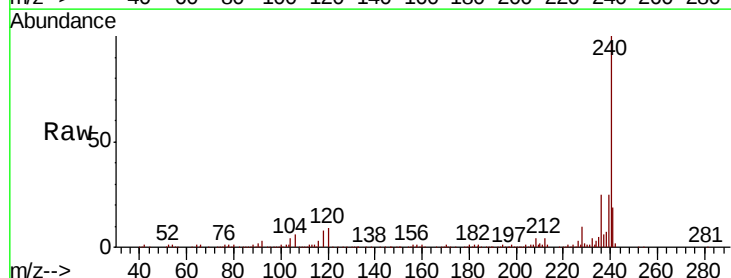
Instrument :
 BNA_F
 ClientSampled :

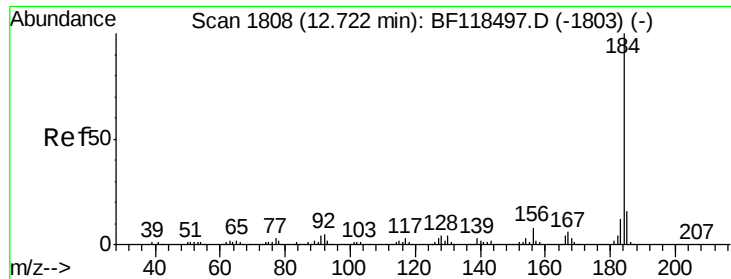
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.1	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	25.1	20.1	30.1





#77

Benzidine

Concen: 34.065 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

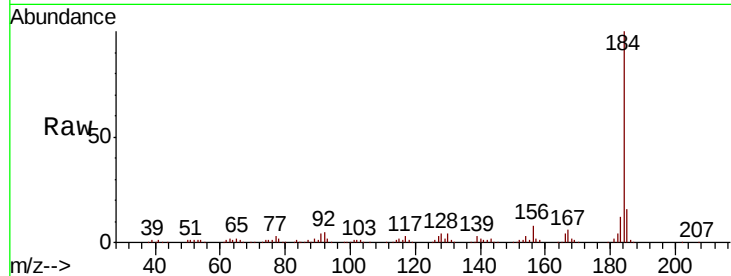
Tot Ion:184 Resp: 262292

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

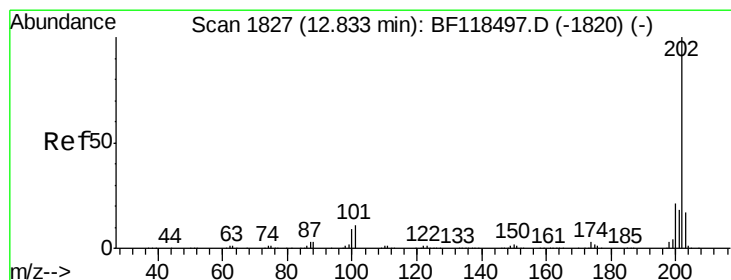
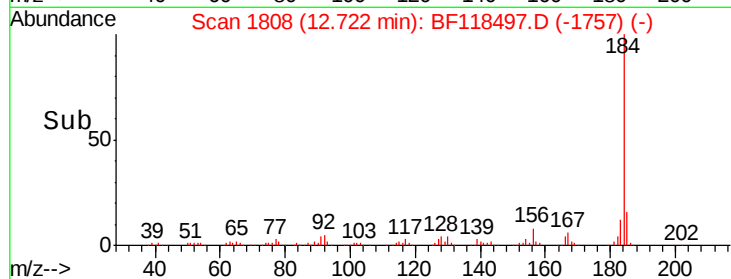
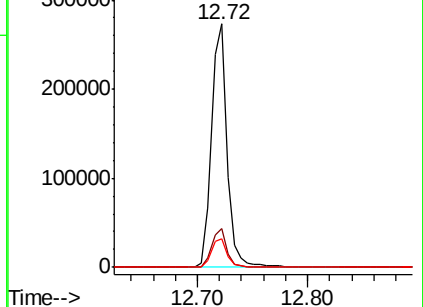
183 11.6 9.3 13.9



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: 36.888 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

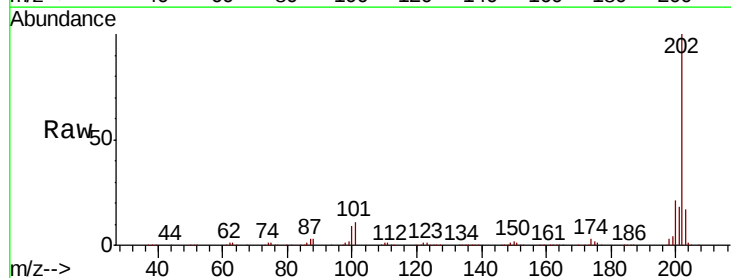
Tgt Ion:202 Resp: 867878

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

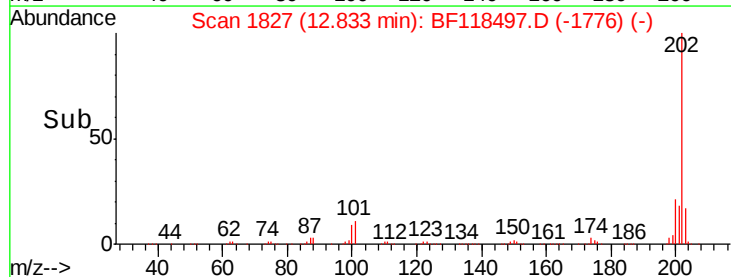
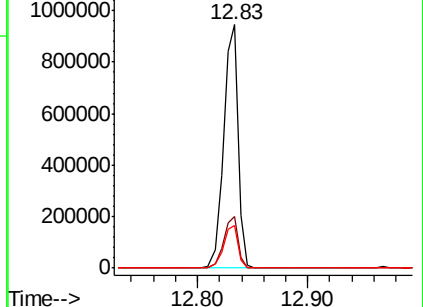
203 17.4 13.9 20.9

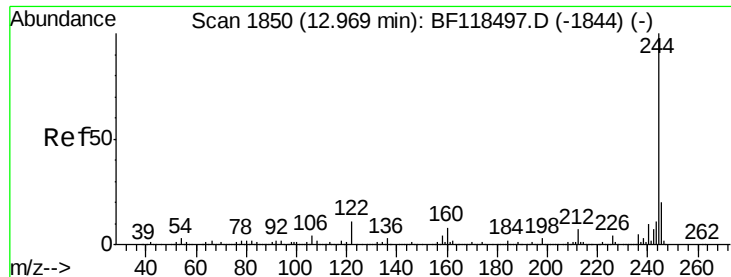


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

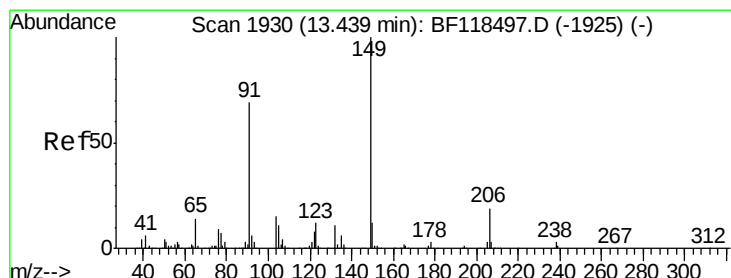
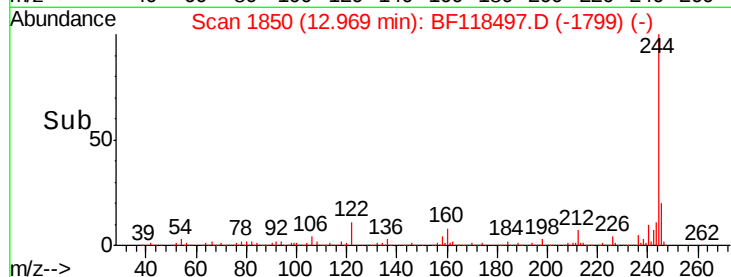
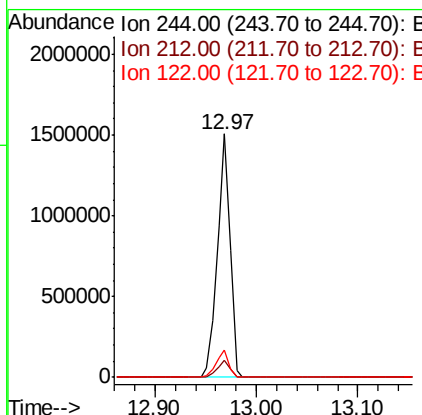
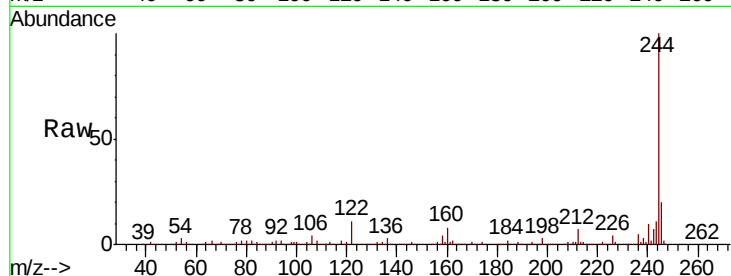




#79
 Terphenyl-d14
 Concen: 73.507 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

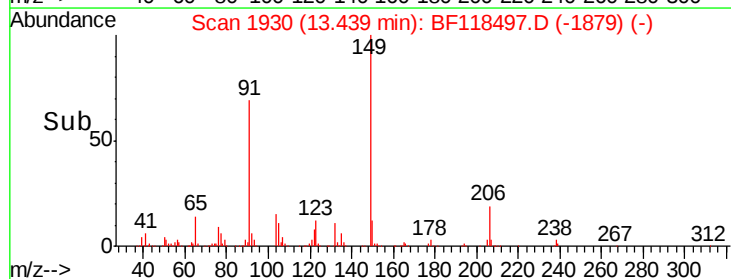
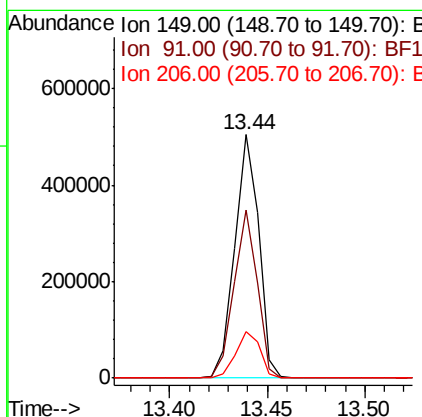
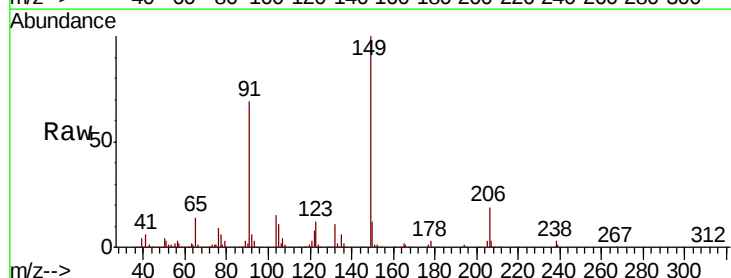
Instrument :
 BNA_F
 ClientSampleId :

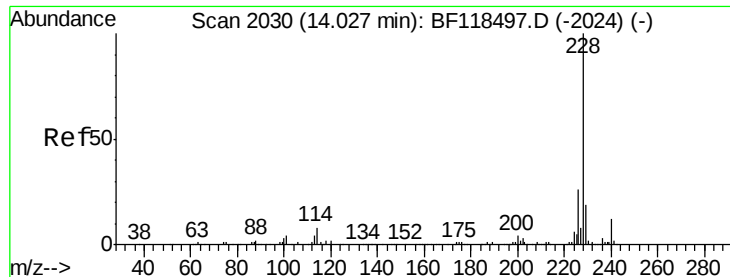
Tot Ion:244 Resp: 1307286
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 41.460 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion:149 Resp: 429748
 Ion Ratio Lower Upper
 149 100
 91 69.0 55.2 82.8
 206 18.9 15.1 22.7

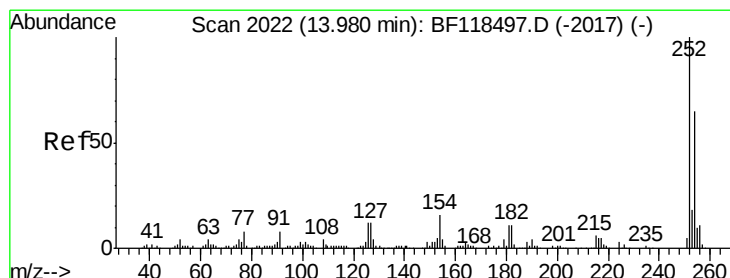
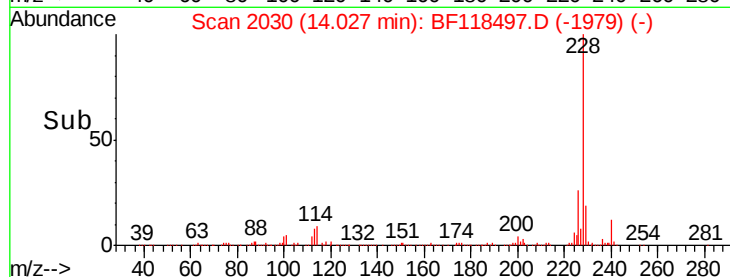
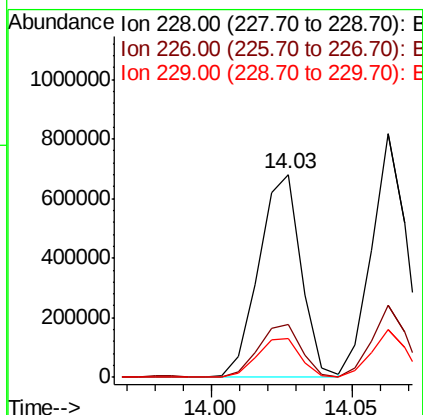
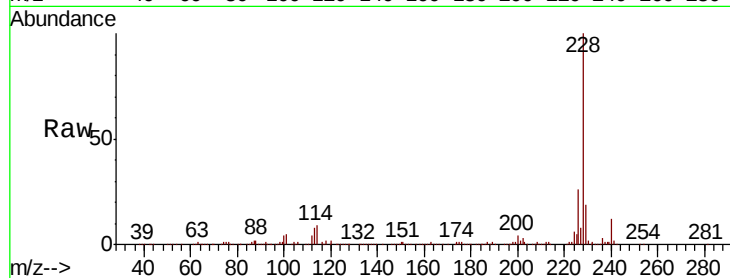




#81
Benzo(a)anthracene
Concen: 36.482 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

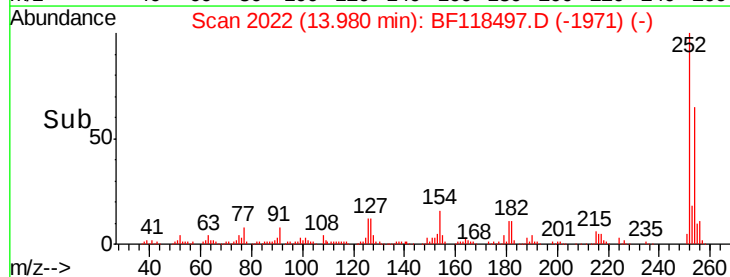
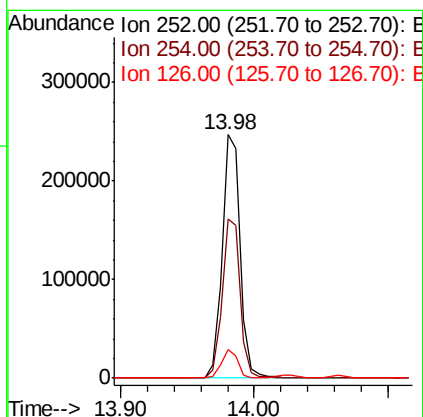
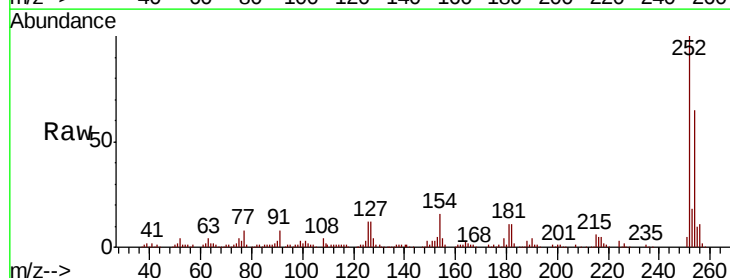
Instrument :
BNA_F
ClientSampleId :

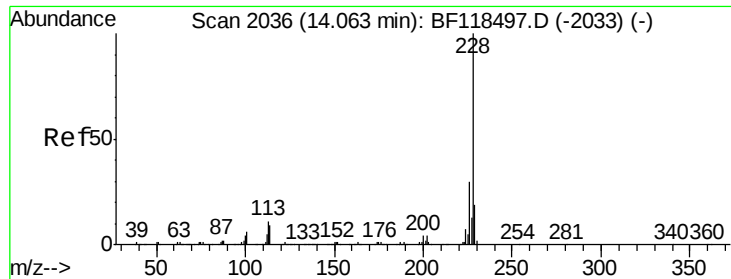
Tot Ion:228 Resp: 707092
Ion Ratio Lower Upper
228 100
226 25.9 20.7 31.1
229 19.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 38.109 ng
RT: 13.98 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:252 Resp: 234329
Ion Ratio Lower Upper
252 100
254 65.1 52.1 78.1
126 12.0 9.6 14.4

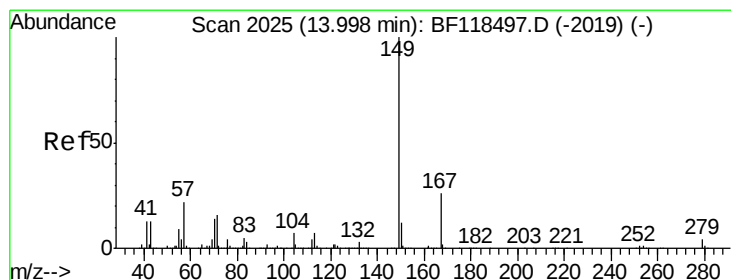
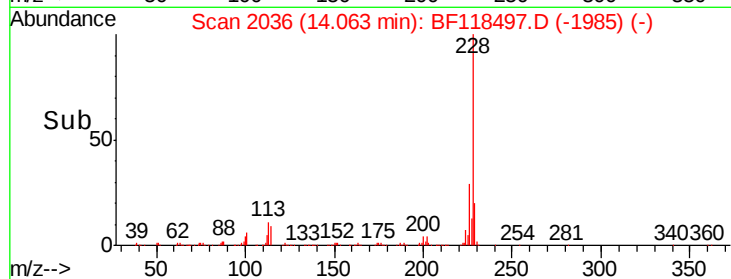
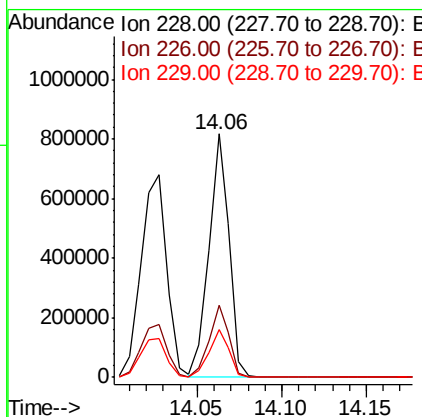
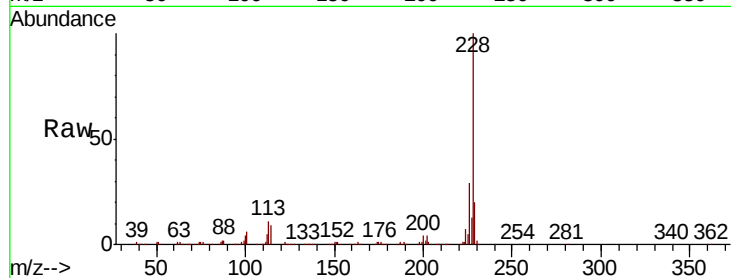




#83
 Chrvsene
 Concen: 36.693 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

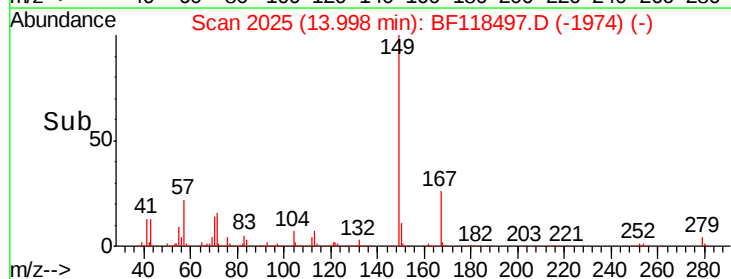
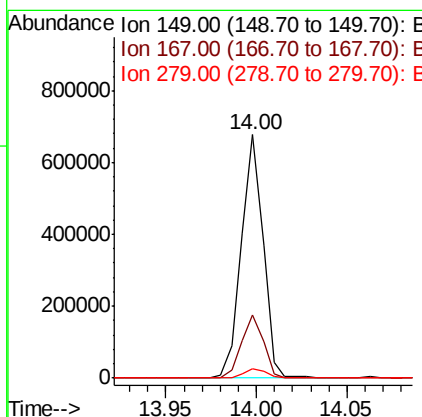
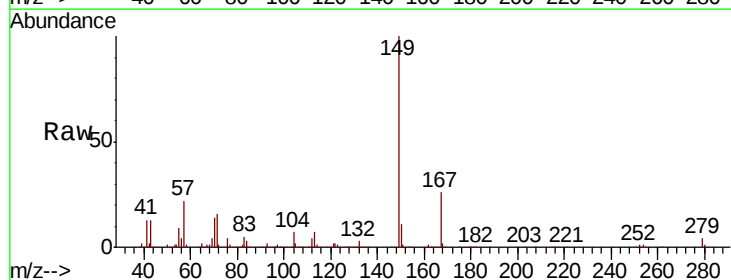
Instrument :
 BNA_F
 ClientSampleId :

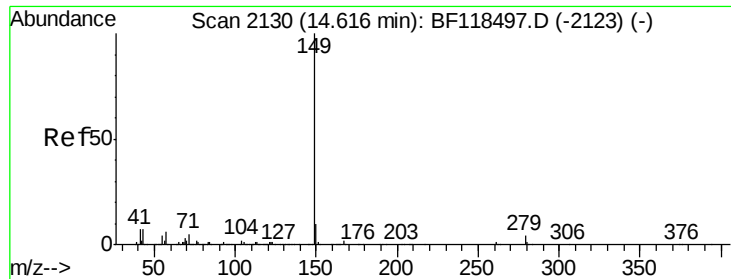
Tot Ion:228 Resp: 681795
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.6 35.4
 229 19.5 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.722 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion:149 Resp: 567035
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.6 30.8
 279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.271 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

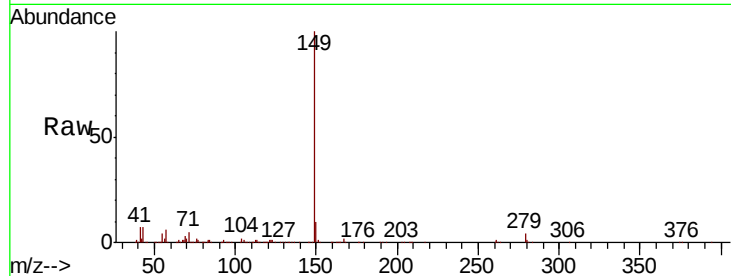
Tot Ion:149 Resp: 923450

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

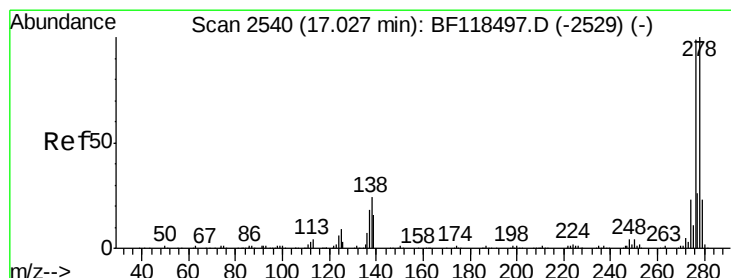
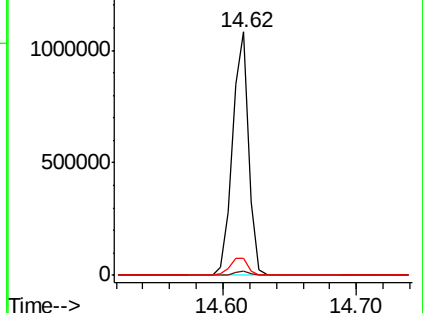
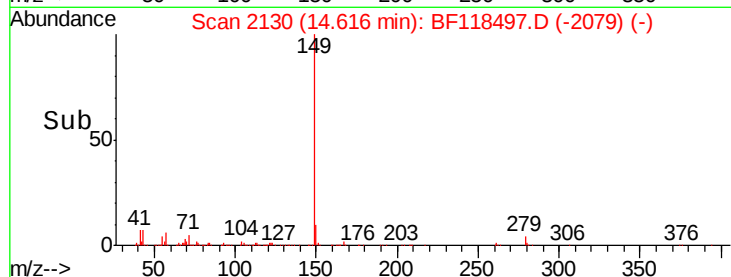
43 8.0 6.4 9.6



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: 43.391 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

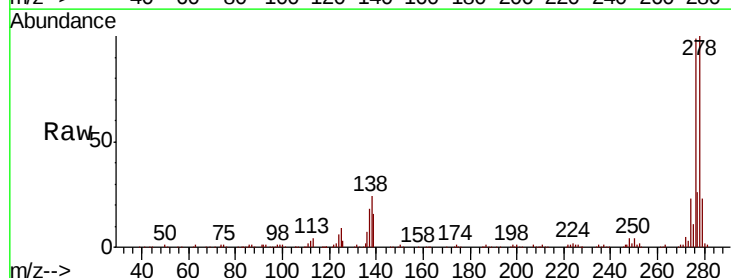
Tgt Ion:276 Resp: 576003

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

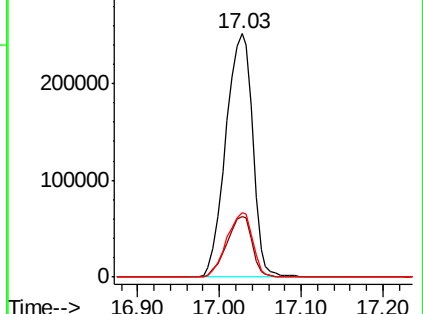
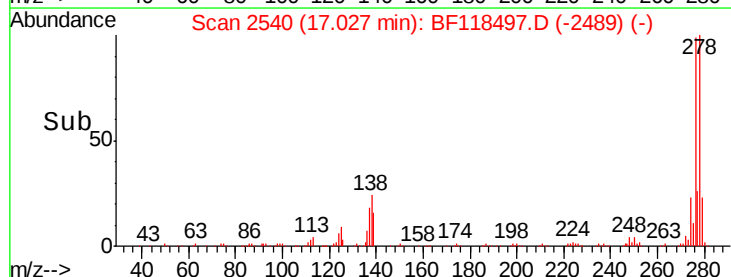
277 25.6 20.5 30.7

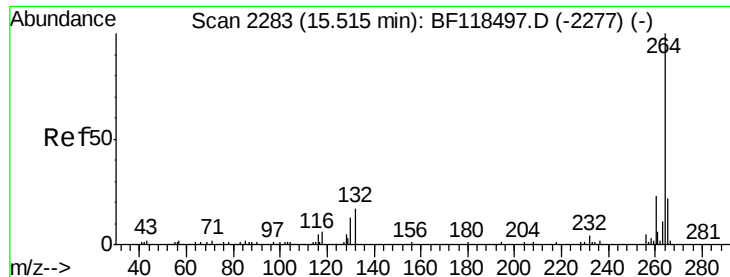


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

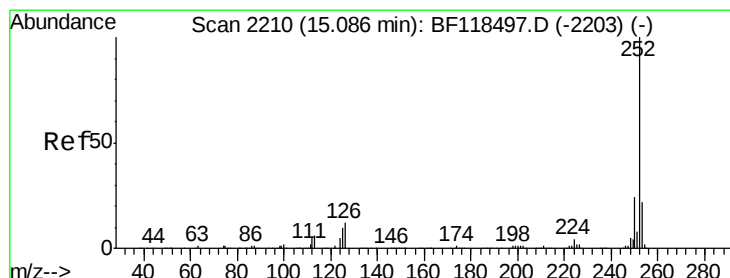
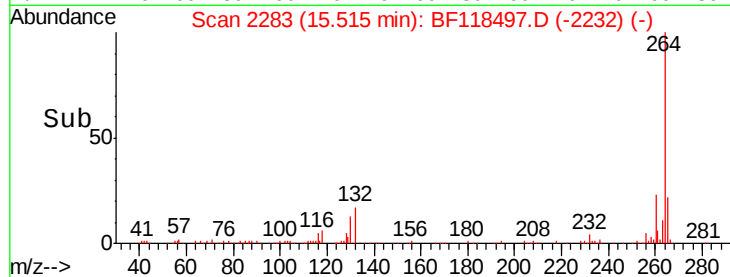
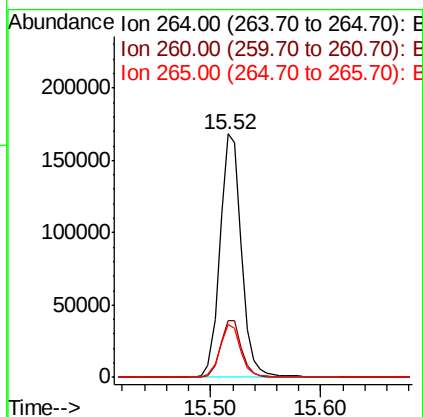
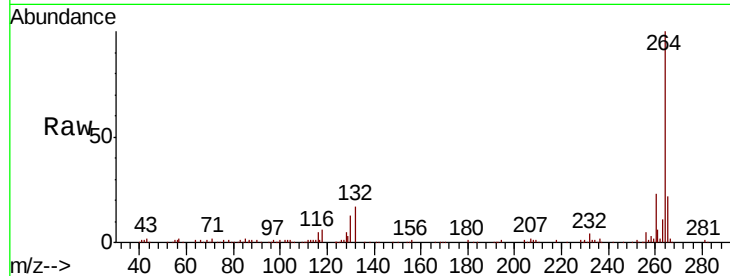




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

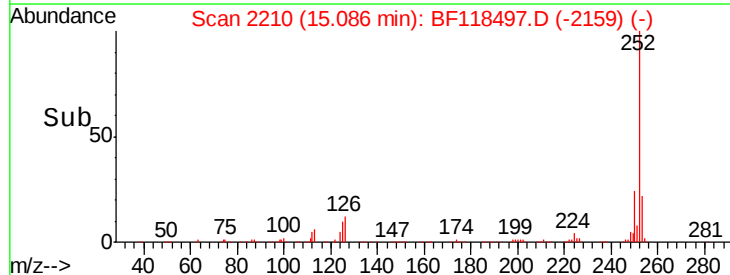
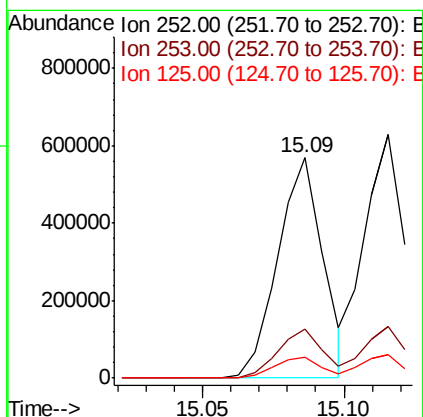
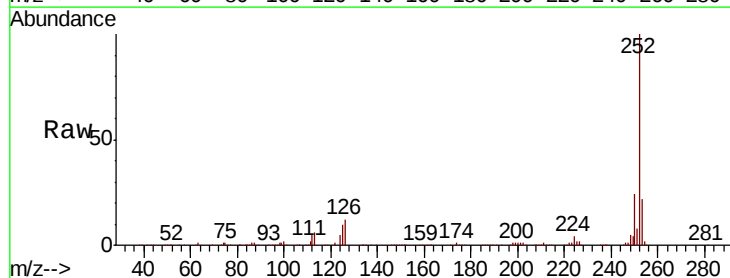
Instrument :
BNA_F
ClientSampleId :

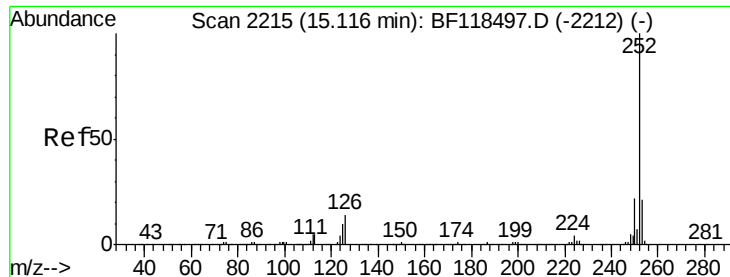
Tot Ion:264 Resp: 227482
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.9 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 40.010 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:252 Resp: 633088
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.7 7.8 11.6

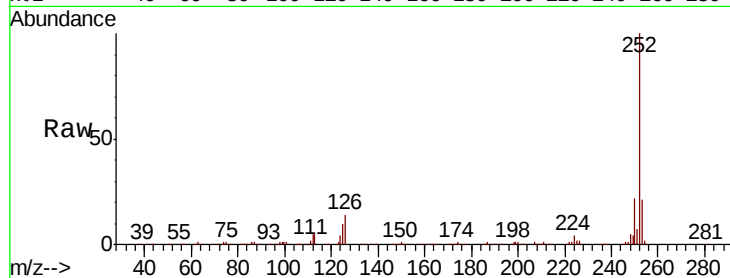




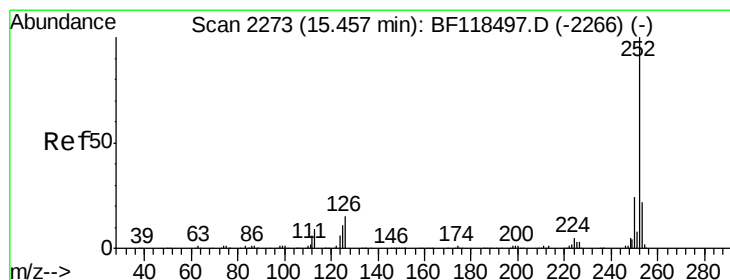
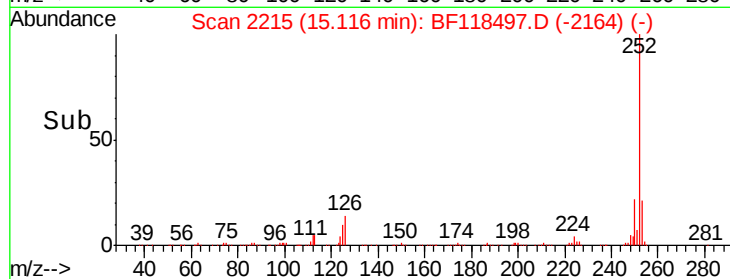
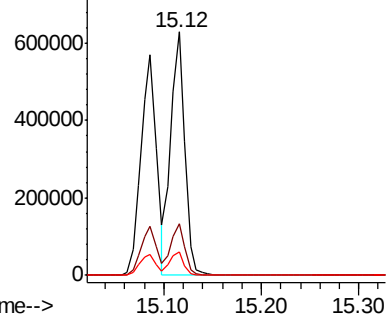
#89
Benzo(k)fluoranthene
Concen: 40.572 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 631826
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 9.7 7.8 11.6

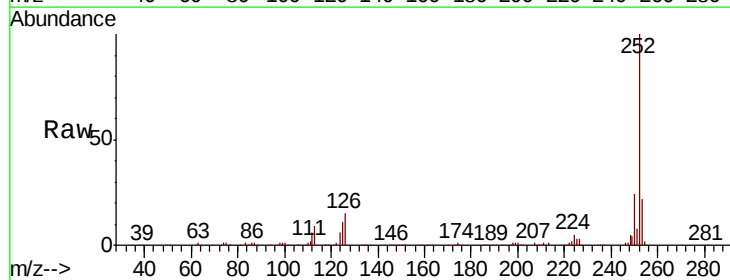


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

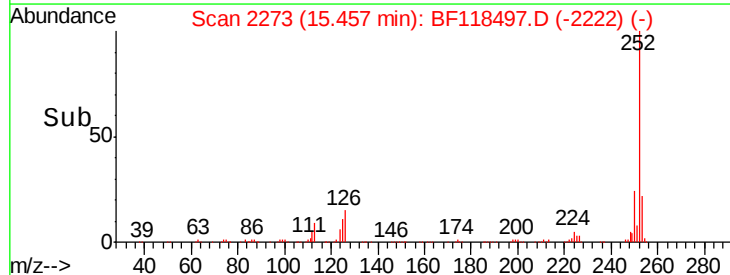
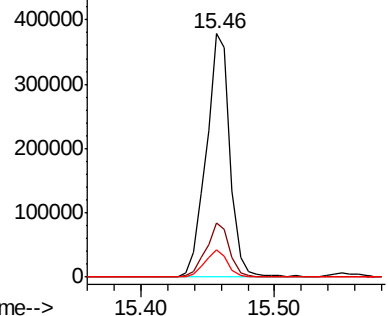


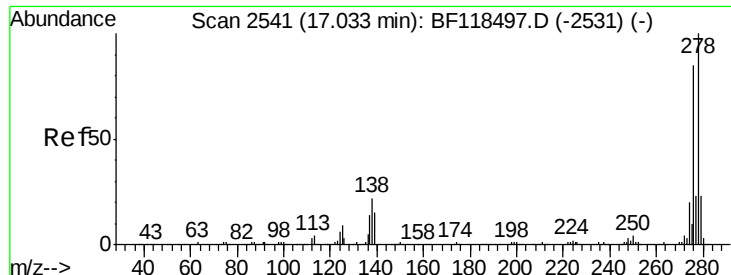
#90
Benzo(a)pyrene
Concen: 32.507 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:252 Resp: 468979
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.3 9.0 13.6



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

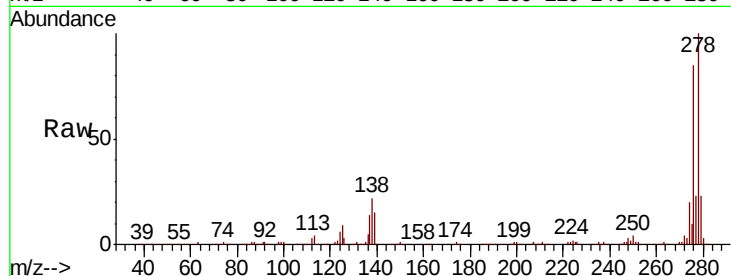




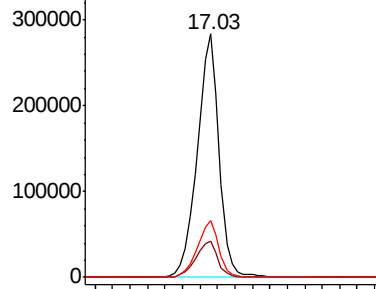
#91
Dibenzo(a,h)anthracene
Concen: 42.929 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :

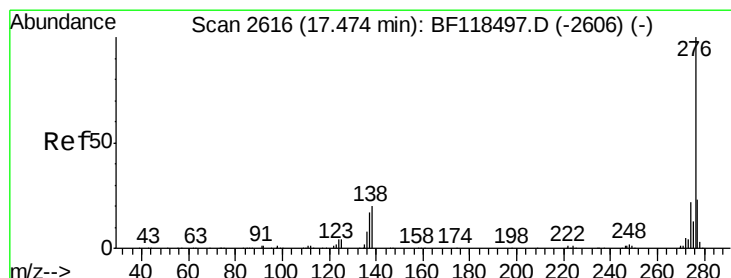
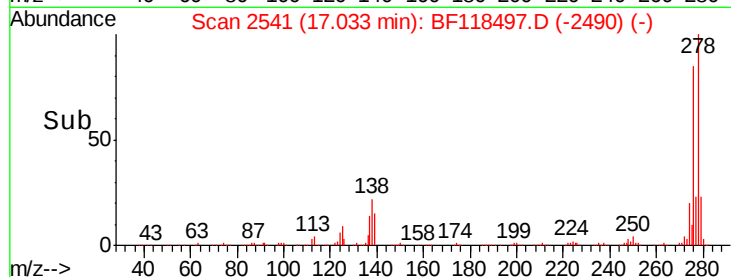
Tot Ion:278 Resp: 482977
Ion Ratio Lower Upper
278 100
139 14.9 11.9 17.9
279 23.2 18.6 27.8



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

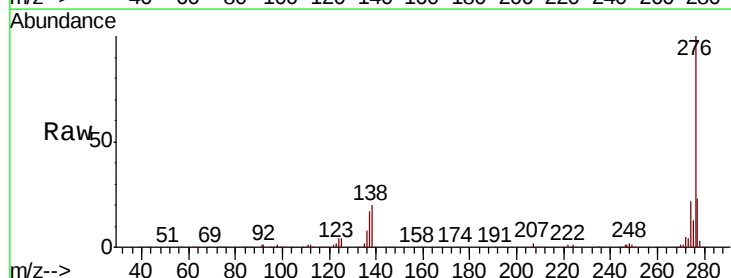


Time--> 16.90 17.00 17.10 17.20

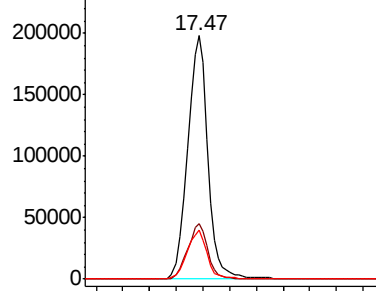


#92
Benzo(g,h,i)perylene
Concen: 36.295 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:276 Resp: 423582
Ion Ratio Lower Upper
276 100
277 22.8 18.2 27.4
138 20.4 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



Time--> 17.40 17.60

