

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118536.D
 Acq On : 13 Jan 2020 17:48
 Operator : JU
 Sample : L1106-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:27:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67108	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	256591	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	149591	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	271069	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	180521	20.00	ng	-0.03
87) Perylene-d12	15.48	264	168270	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	347906	85.58	ng	0.00
7) Phenol-d6	6.46	99	455380	93.69	ng	-0.02
23) Nitrobenzene-d5	7.38	82	264232	54.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	165930	94.00	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	547539	52.50	ng	-0.02
79) Terphenyl-d14	12.94	244	567221	49.79	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.54	88	43706	32.248	ng	96
3) Pyridine	3.30	79	107617	29.499	ng	92
4) n-Nitrosodimethylamine	3.25	42	69430	37.978	ng	84
6) Aniline	6.48	93	174977	28.955	ng	# 84
8) 2-Chlorophenol	6.60	128	196404	44.187	ng	96
9) Benzaldehyde	6.37	77	98187	36.288	ng	97
10) Phenol	6.47	94	229592	42.630	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	164998	42.972	ng	98
12) 1,3-Dichlorobenzene	6.76	146	222421	42.807	ng	100
13) 1,4-Dichlorobenzene	6.83	146	224856	42.412	ng	98
14) 1,2-Dichlorobenzene	6.99	146	202429	39.512	ng	99
15) Benzyl Alcohol	6.96	79	162917	41.323	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	164420	38.602	ng	90
17) 2-Methylphenol	7.08	107	153460	42.011	ng	97
18) Hexachloroethane	7.32	117	76290	37.977	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	125403	40.060	ng	96
20) 3+4-Methylphenols	7.23	107	191408	38.629	ng	90
22) Acetophenone	7.23	105	253665	39.001	ng	97
24) Nitrobenzene	7.40	77	192212	39.575	ng	96
25) Isophorone	7.64	82	360396	46.056	ng	99
26) 2-Nitrophenol	7.72	139	111242	46.389	ng	97
27) 2,4-Dimethylphenol	7.76	122	173063	53.664	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	221346	43.025	ng	97
29) 2,4-Dichlorophenol	7.97	162	171734	45.608	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	194085	44.379	ng	99
31) Naphthalene	8.12	128	581481	43.323	ng	99
32) Benzoic acid	7.91	122	106638	48.013	ng	98
33) 4-Chloroaniline	8.18	127	85316	15.440	ng	99
34) Hexachlorobutadiene	8.23	225	112527	41.917	ng	98
35) Caprolactam	8.55	113	29270	25.805	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	197317	48.743	ng	98
37) 2-Methylnaphthalene	8.82	142	455962	49.499	ng	98
38) 1-Methylnaphthalene	8.92	142	390221	45.119	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	179762	39.111	ng	99

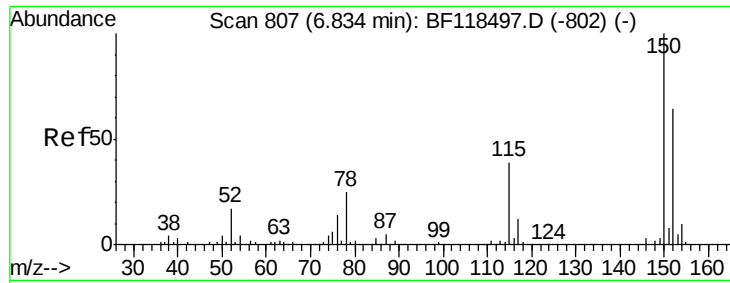
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
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 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	85731	70.285	ng	96
43) 2,4,6-Trichlorophenol	9.10	196	120704	42.498	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	129813	44.167	ng	94
46) 1,1'-Biphenyl	9.28	154	502790	41.136	ng	99
47) 2-Chloronaphthalene	9.31	162	393009	40.625	ng	97
48) 2-Nitroaniline	9.41	65	110947	39.688	ng	93
49) Acenaphthylene	9.73	152	638743	44.356	ng	99
50) Dimethylphthalate	9.58	163	521139	45.390	ng	100
51) 2,6-Dinitrotoluene	9.65	165	104863	42.412	ng	96
52) Acenaphthene	9.90	154	391553	44.527	ng	99
53) 3-Nitroaniline	9.83	138	62290	21.507	ng	97
54) 2,4-Dinitrophenol	9.95	184	80671	75.122	ng	97
55) Dibenzofuran	10.07	168	558307	42.271	ng	99
56) 4-Nitrophenol	10.01	139	142102	101.050	ng	95
57) 2,4-Dinitrotoluene	10.06	165	145789	44.037	ng	97
58) Fluorene	10.42	166	459876	43.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	109945	44.234	ng	96
60) Diethylphthalate	10.29	149	511198	43.738	ng	97
61) 4-Chlorophenyl-phenylether	10.40	204	226495	42.699	ng	97
62) 4-Nitroaniline	10.45	138	97145	34.256	ng	96
63) Azobenzene	10.56	77	421892	42.478	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	62553	43.653	ng	92
66) n-Nitrosodiphenylamine	10.52	169	400499	45.370	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	145319	45.770	ng	100
68) Hexachlorobenzene	10.97	284	133588	35.233	ng	97
69) Atrazine	11.06	200	122939	46.869	ng	97
70) Pentachlorophenol	11.17	266	117878	94.160	ng	99
71) Phenanthrene	11.38	178	684761	45.095	ng	99
72) Anthracene	11.43	178	699088	46.277	ng	100
73) Carbazole	11.59	167	593984	45.390	ng	100
74) Di-n-butylphthalate	11.91	149	799512	45.796	ng	99
75) Fluoranthene	12.57	202	585193	37.916	ng	99
77) Benzidine	12.70	184	265001	62.369	ng	97
78) Pyrene	12.80	202	623595	41.986	ng	100
80) Butylbenzylphthalate	13.42	149	557257	81.926	ng	98
81) Benzo(a)anthracene	14.00	228	552968	43.763	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	154602	37.626	ng	# 98
83) Chrysene	14.03	228	545668	44.441	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	476382	51.581	ng	100
85) Di-n-octyl phthalate	14.59	149	709945	53.593	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	682727	69.065	ng	100
88) Benzo(b)fluoranthene	15.06	252	385286	31.670	ng	99
89) Benzo(k)fluoranthene	15.08	252	358222	30.848	ng	99
90) Benzo(a)pyrene	15.42	252	392395	39.359	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	577185	61.742	ng	99
92) Benzo(g,h,i)perylene	17.43	276	563193	63.583	ng	98

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

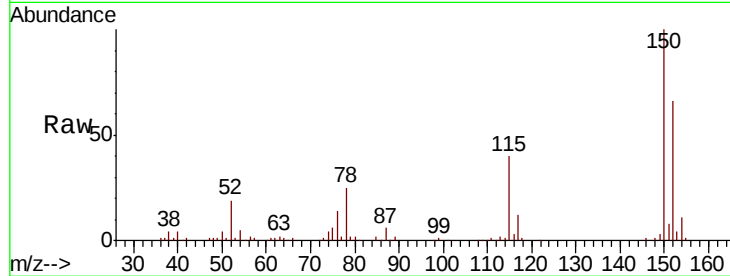


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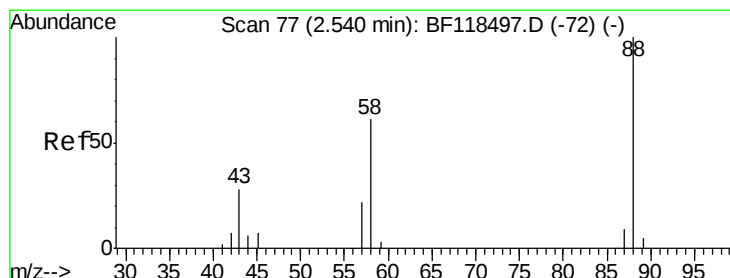
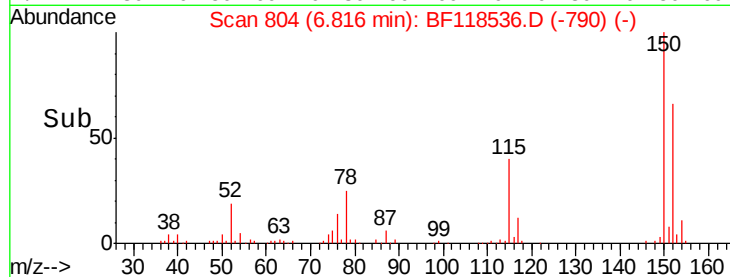
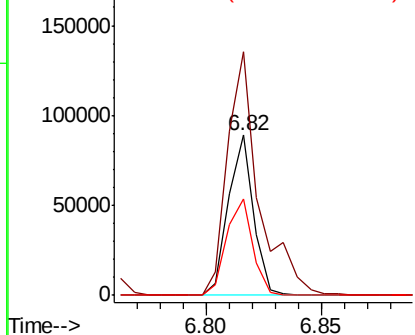
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67108
Ion Ratio Lower Upper
152 100
150 151.9 124.7 187.1
115 60.0 49.0 73.6



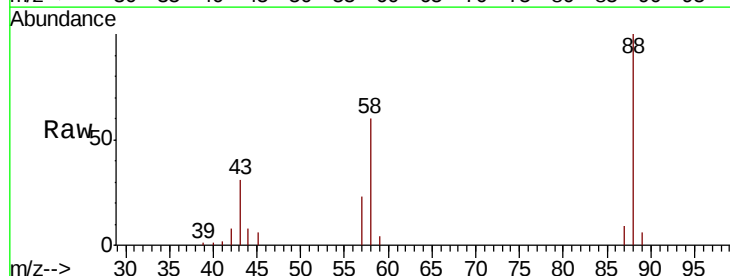
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



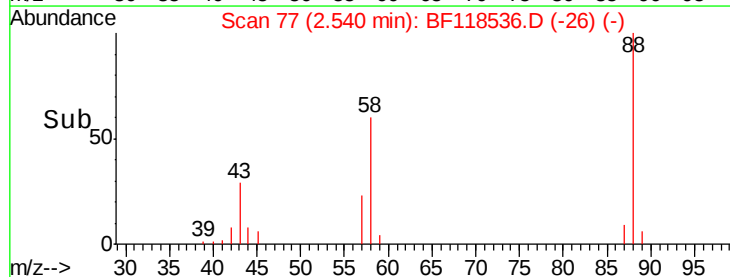
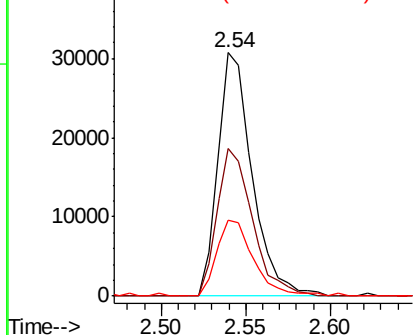
#2

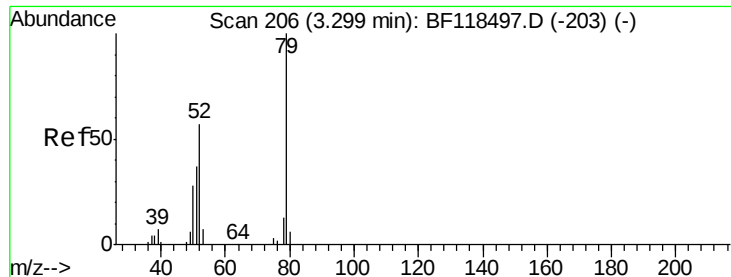
1,4-Dioxane
Concen: 32.248 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion: 88 Resp: 43706
Ion Ratio Lower Upper
88 100
58 62.0 48.3 72.5
43 33.2 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: 29.499 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampled :

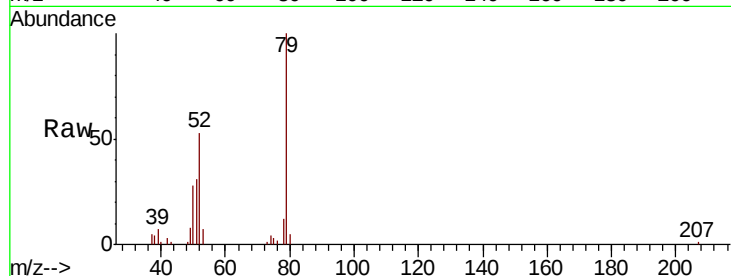
Tot Ion: 79 Resp: 107617

Ion Ratio Lower Upper

79 100

52 52.8 45.9 68.9

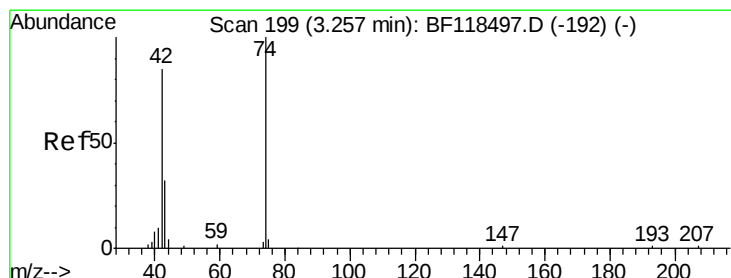
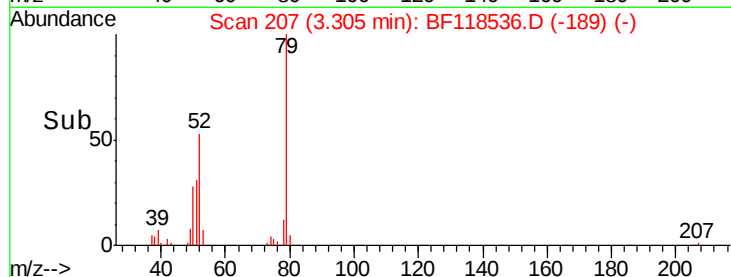
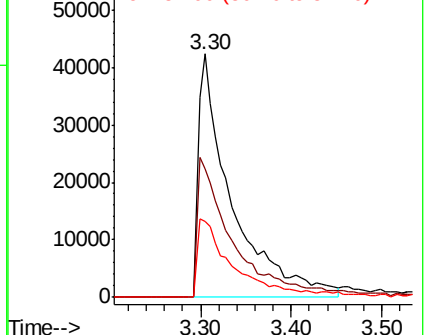
51 31.4 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.978 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

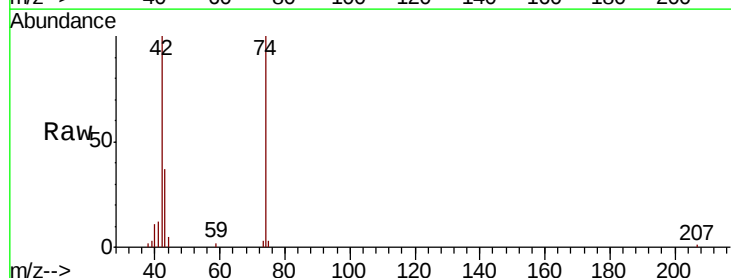
Tgt Ion: 42 Resp: 69430

Ion Ratio Lower Upper

42 100

74 99.8 94.1 141.1

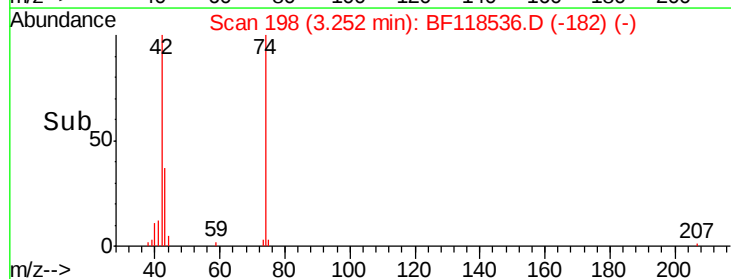
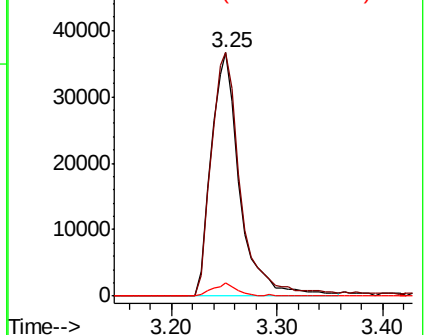
44 5.4 4.1 6.1

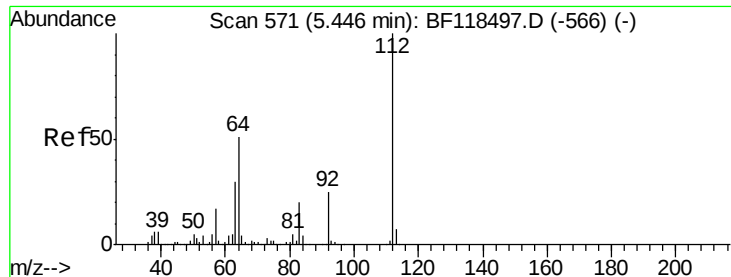


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.579 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

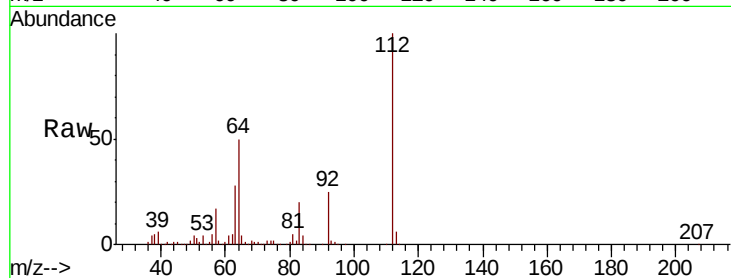
Tot Ion:112 Resp: 347906

Ion Ratio Lower Upper

112 100

64 49.8 41.1 61.7

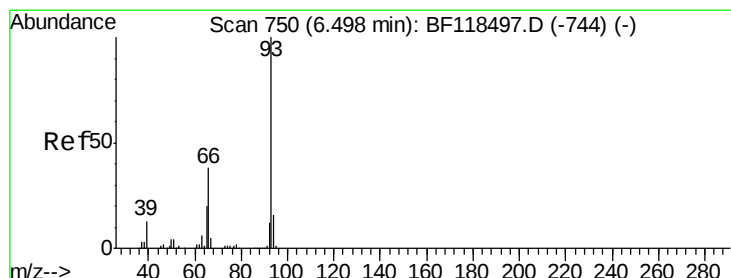
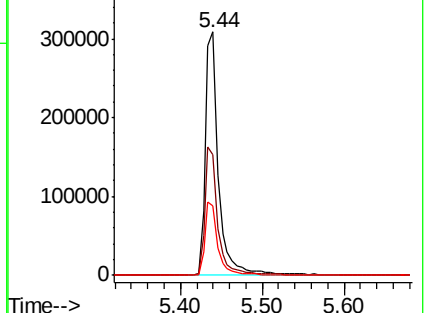
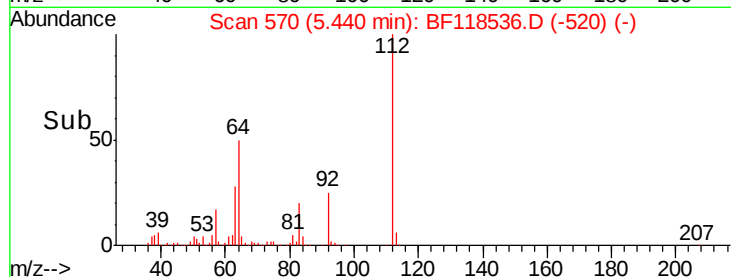
63 28.5 24.1 36.1



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: 28.955 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

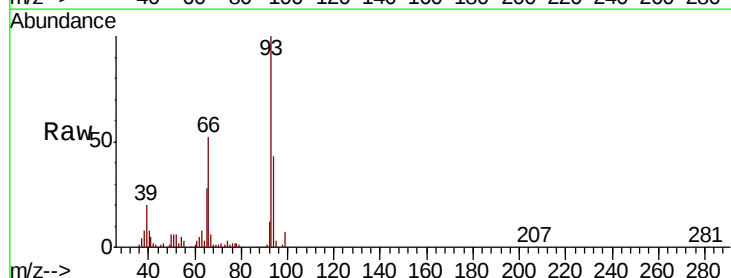
Tgt Ion: 93 Resp: 174977

Ion Ratio Lower Upper

93 100

66 52.4 33.4 50.0#

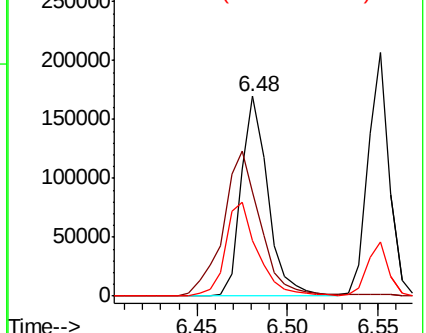
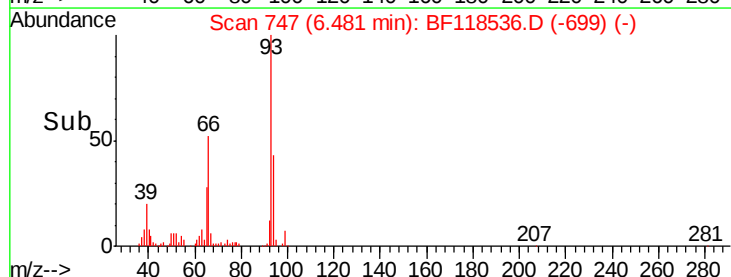
65 28.0 16.7 25.1#

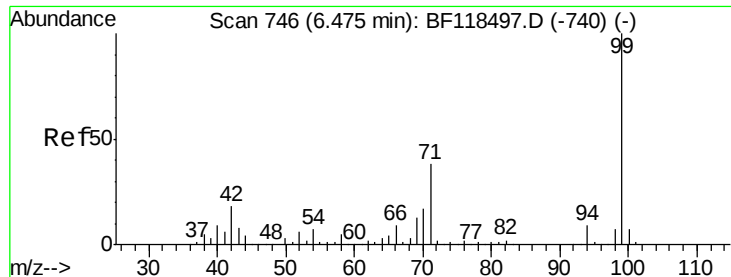


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.693 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampled :

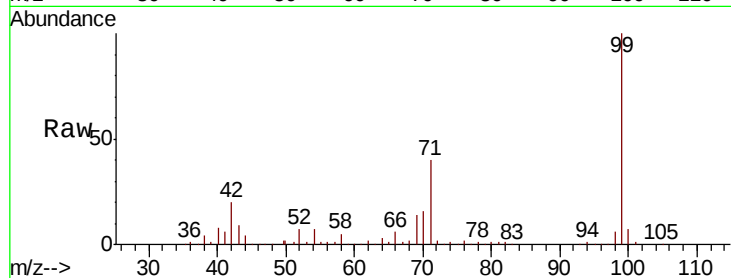
Tot Ion: 99 Resp: 455380

Ion Ratio Lower Upper

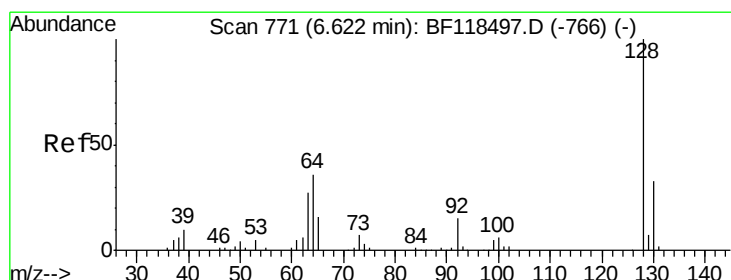
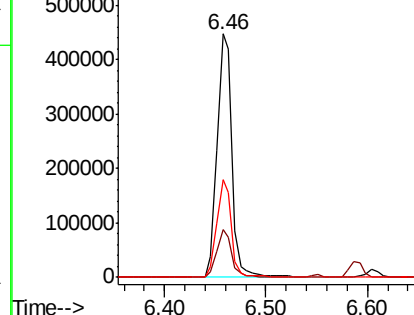
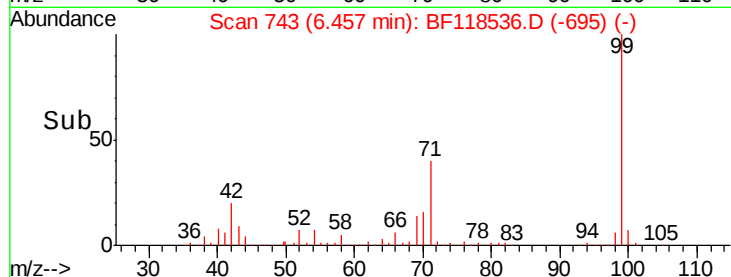
99 100

42 19.8 14.5 21.7

71 40.1 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: 44.187 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

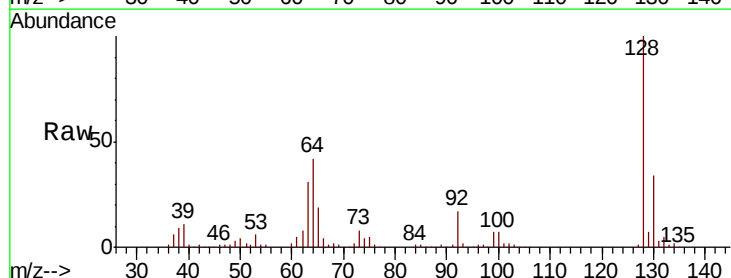
Tgt Ion: 128 Resp: 196404

Ion Ratio Lower Upper

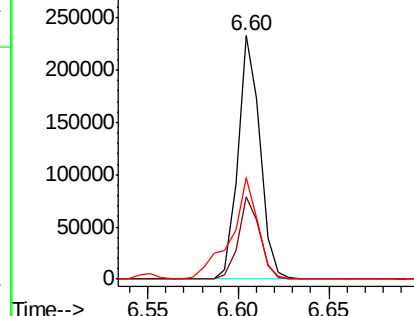
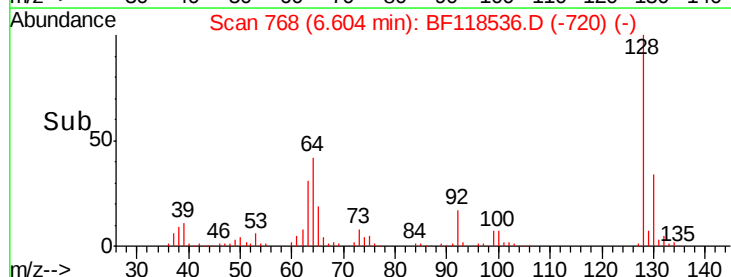
128 100

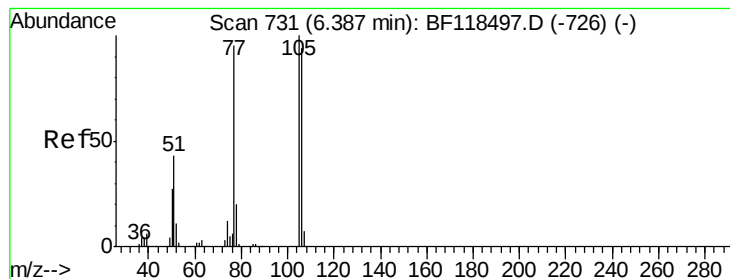
130 33.6 12.7 52.7

64 41.6 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: 36.288 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampled :

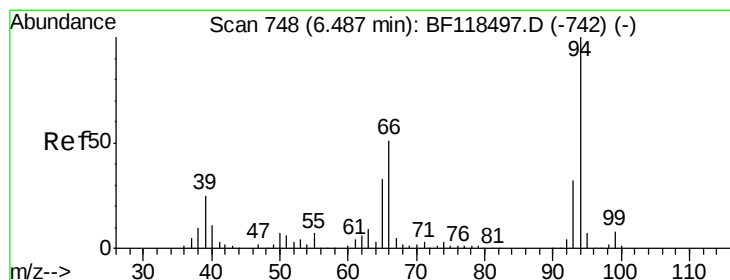
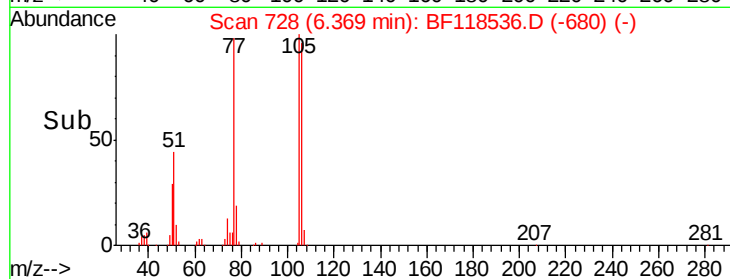
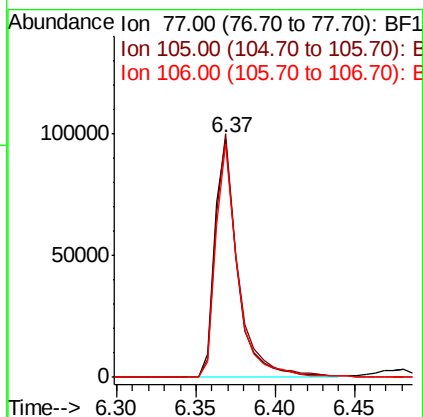
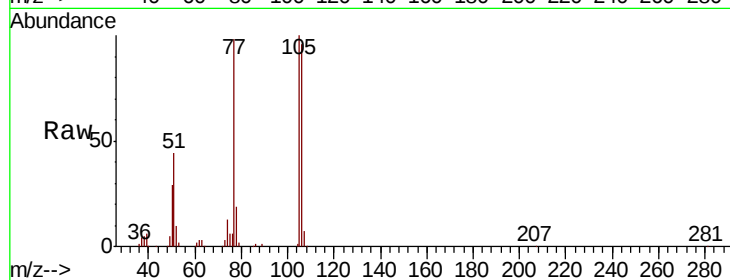
Tot Ion: 77 Resp: 98187

Ion Ratio Lower Upper

77 100

105 101.9 85.4 125.4

106 97.8 79.5 119.5



#10

Phenol

Concen: 42.630 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

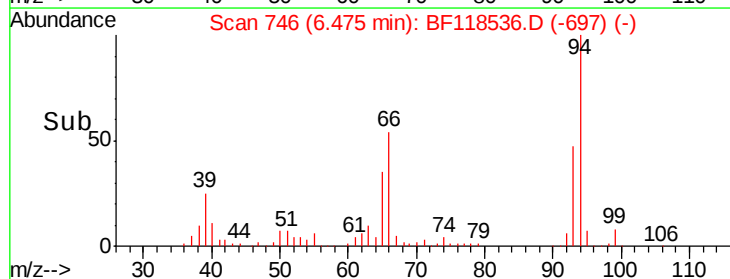
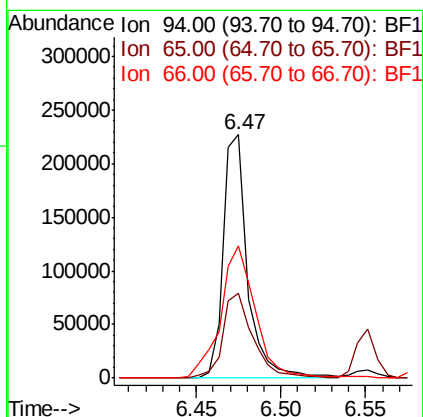
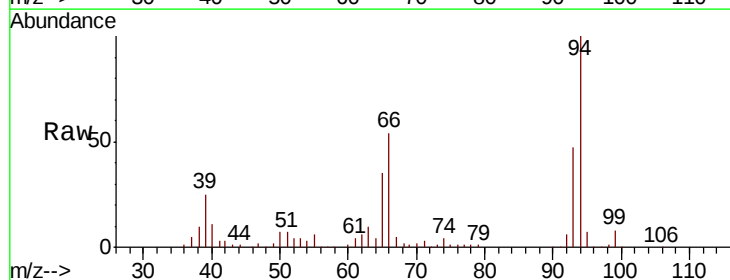
Tgt Ion: 94 Resp: 229592

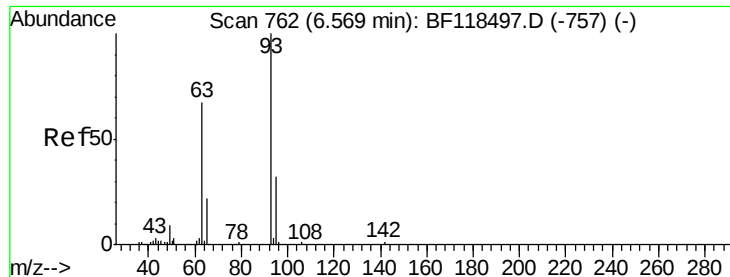
Ion Ratio Lower Upper

94 100

65 34.9 13.3 53.3

66 54.1 30.9 70.9

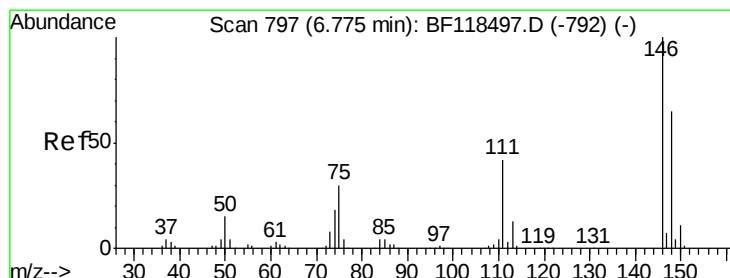
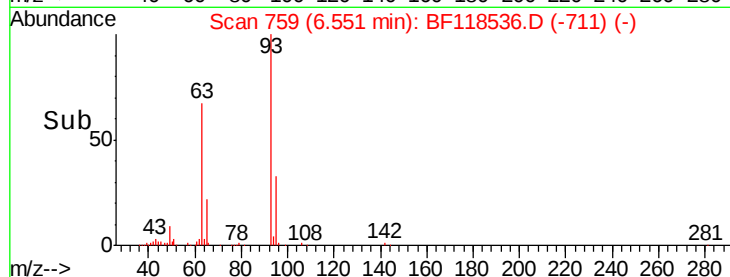
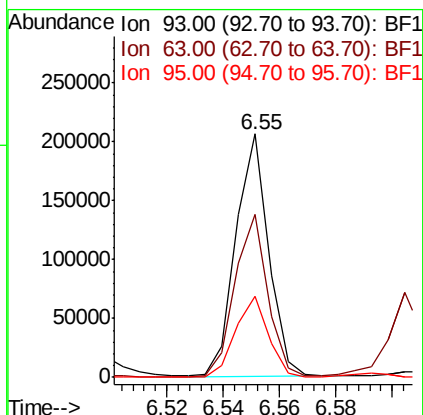
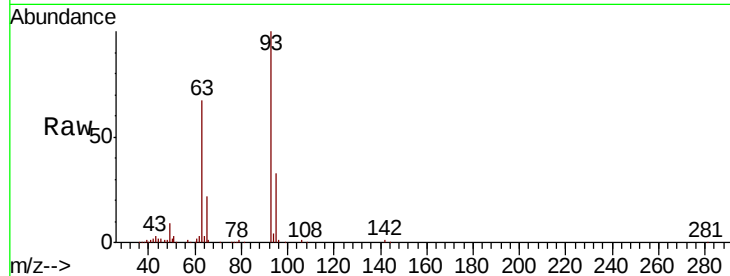




#11
 bis(2-Chloroethyl)ether
 Concen: 42.972 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

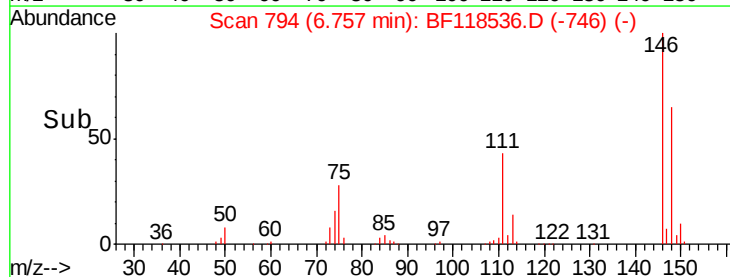
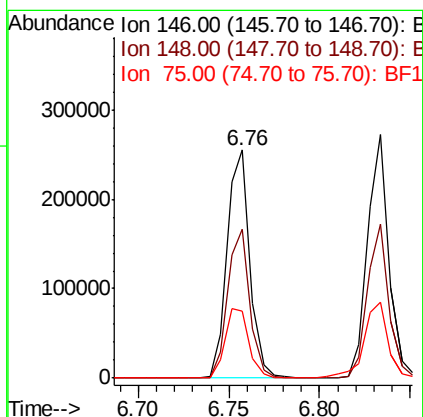
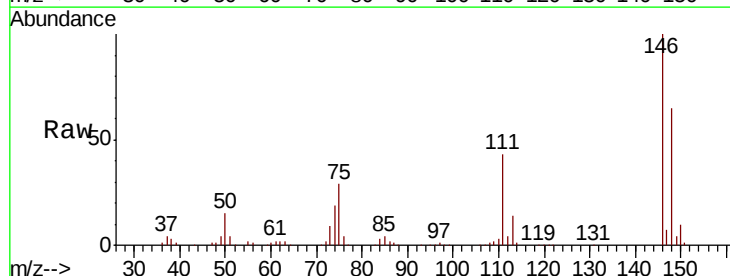
Instrument :
 BNA_F
 ClientSampleId :

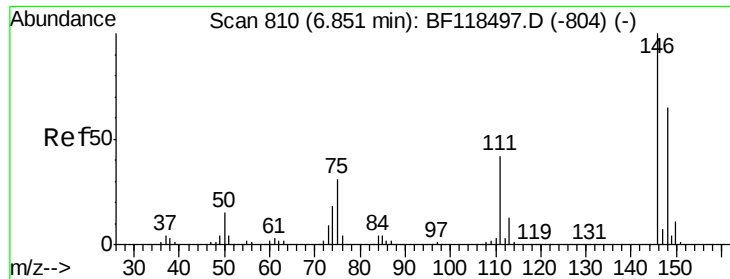
Tot Ion: 93 Resp: 164998
 Ion Ratio Lower Upper
 93 100
 63 67.1 46.6 86.6
 95 33.5 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 42.807 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion: 146 Resp: 222421
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.4 78.6
 75 29.5 24.1 36.1

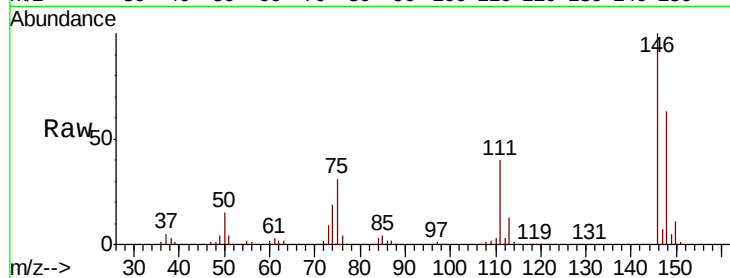




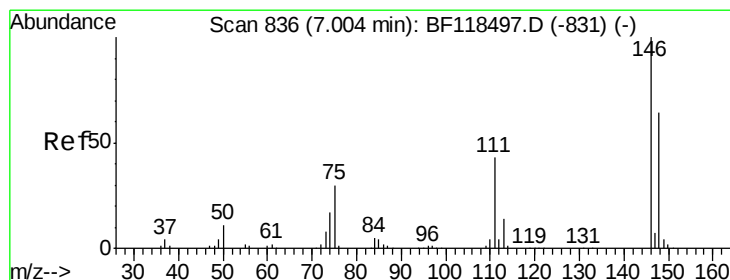
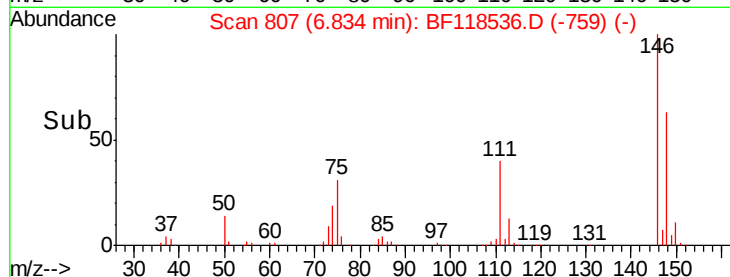
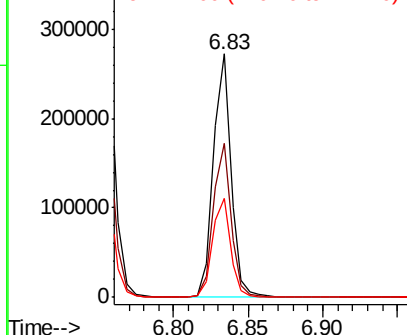
#13
 1,4-Dichlorobenzene
 Concen: 42.412 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 224856
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 40.5 33.2 49.8

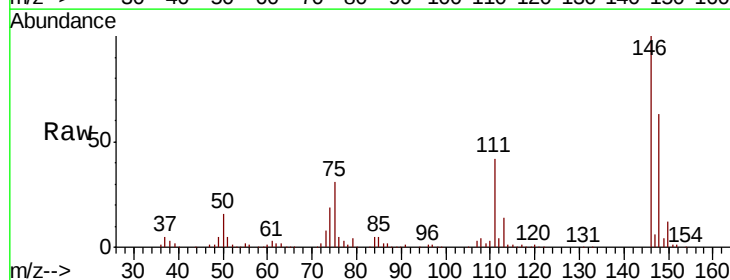


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

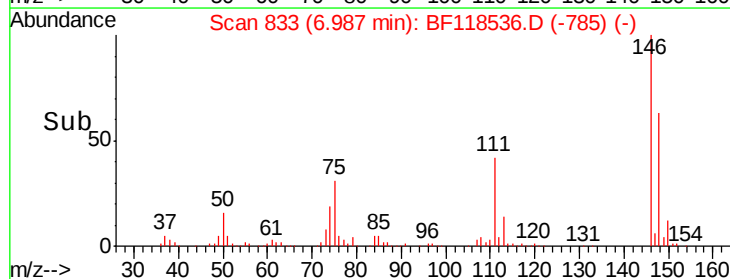
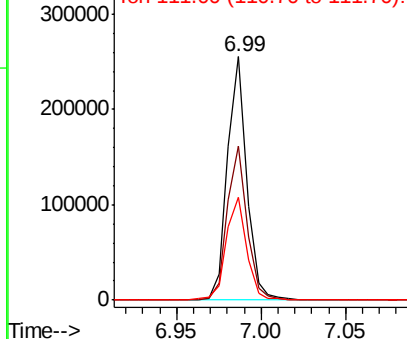


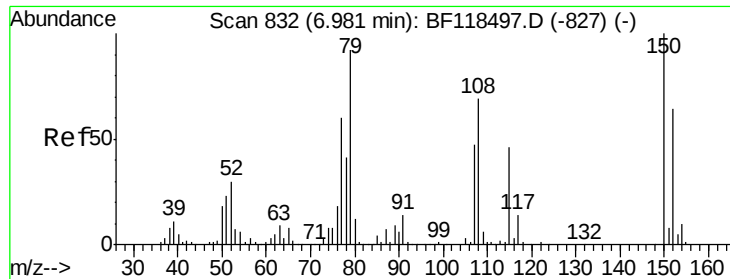
#14
 1,2-Dichlorobenzene
 Concen: 39.512 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion:146 Resp: 202429
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.3 76.9
 111 42.5 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

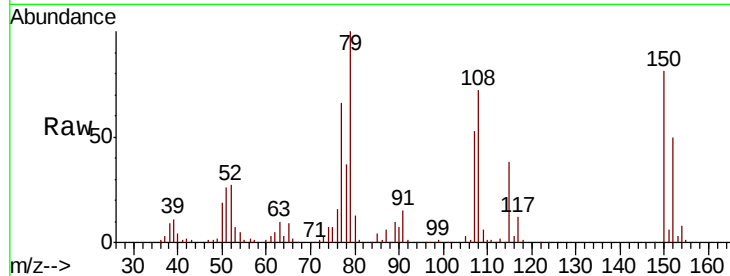




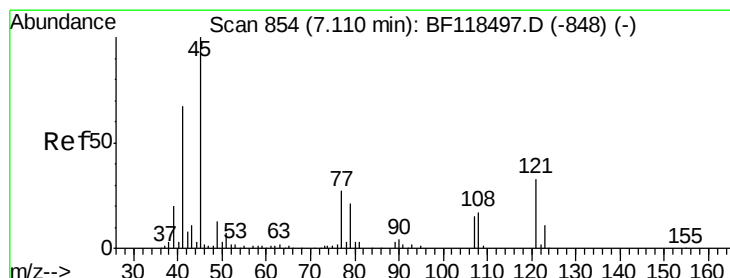
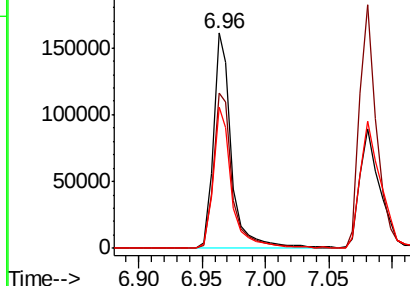
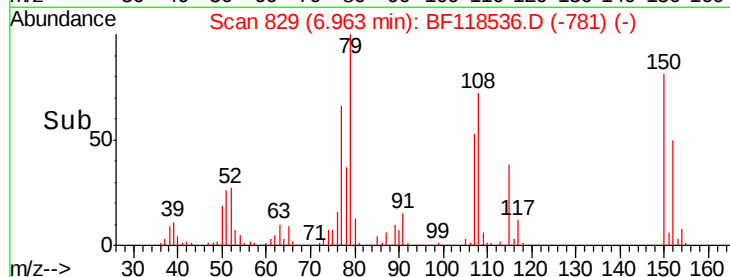
#15
Benzyl Alcohol
Concen: 41.323 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 162917
Ion Ratio Lower Upper
79 100
108 72.5 60.2 90.2
77 65.7 51.8 77.8

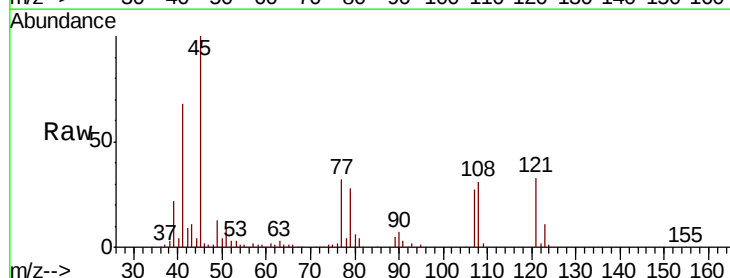


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

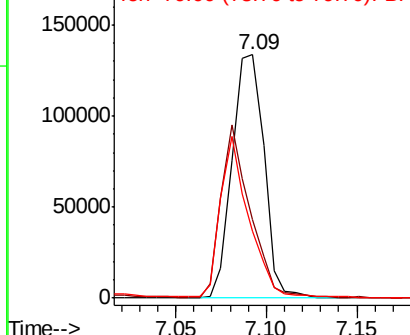
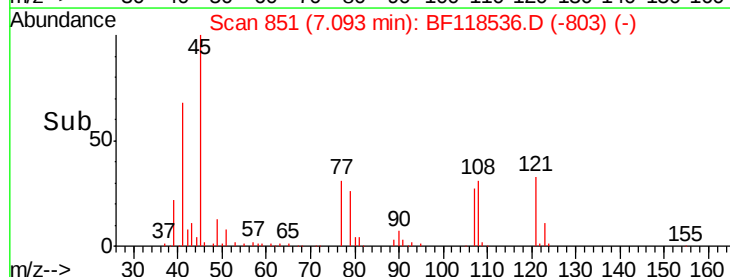


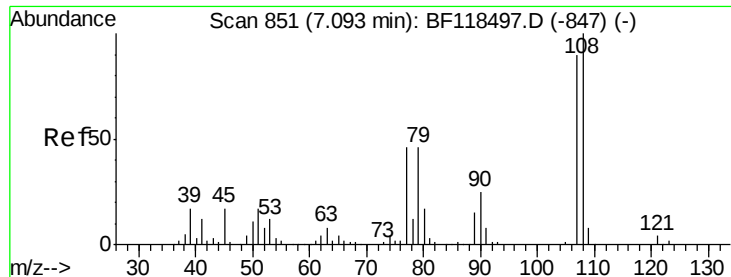
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.602 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion: 45 Resp: 164420
Ion Ratio Lower Upper
45 100
77 32.2 7.6 47.6
79 27.5 2.0 42.0



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

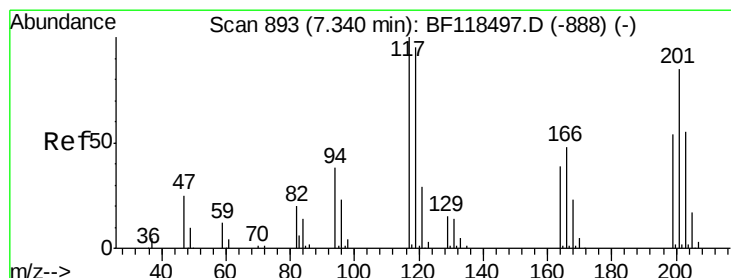
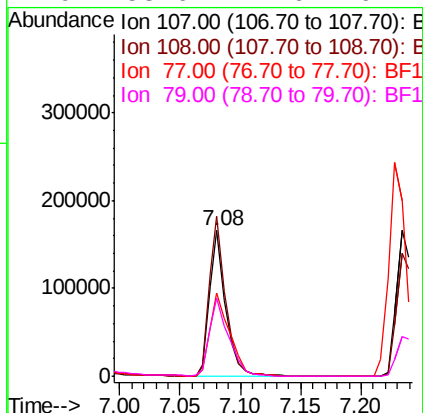
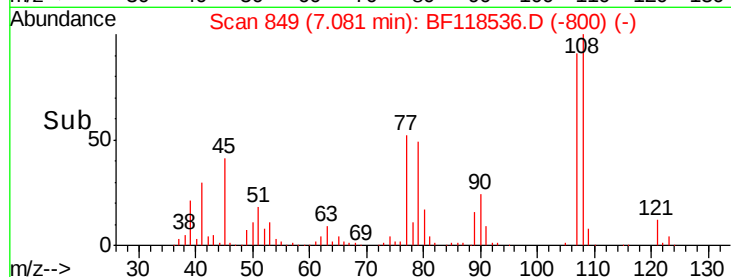
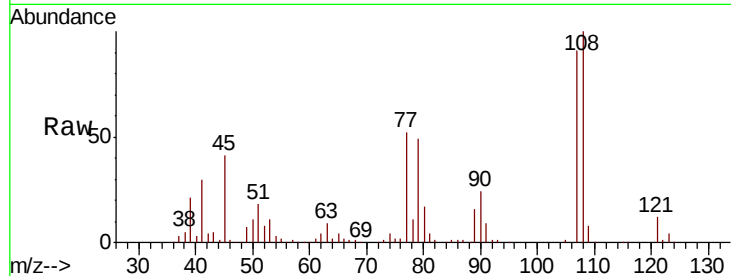




#17
2-Methylphenol
Concen: 42.011 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

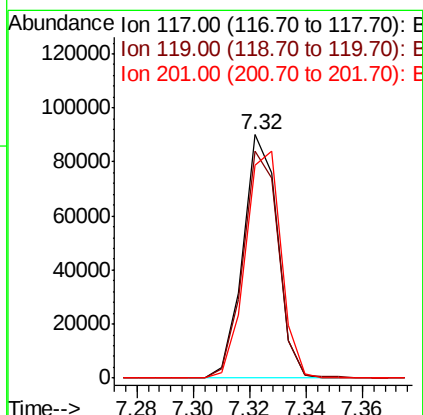
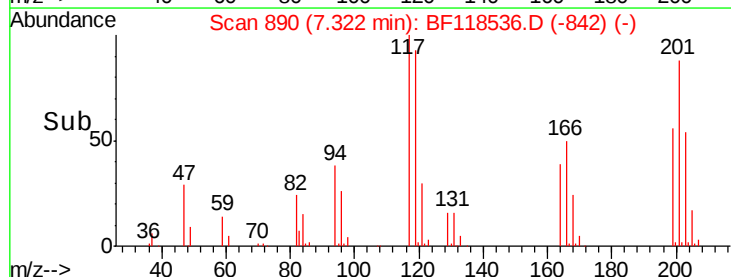
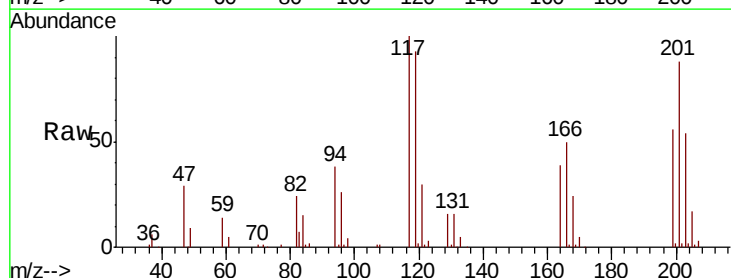
Instrument :
BNA_F
ClientSampleId :

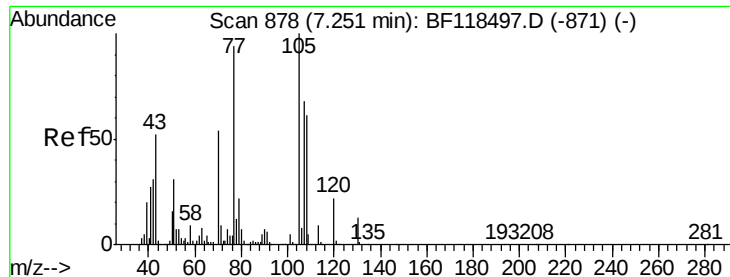
Tot Ion:107 Resp: 153460
Ion Ratio Lower Upper
107 100
108 109.7 88.9 133.3
77 57.2 41.2 61.8
79 53.6 41.6 62.4



#18
Hexachloroethane
Concen: 37.977 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:117 Resp: 76290
Ion Ratio Lower Upper
117 100
119 93.4 76.2 114.4
201 87.7 67.7 101.5

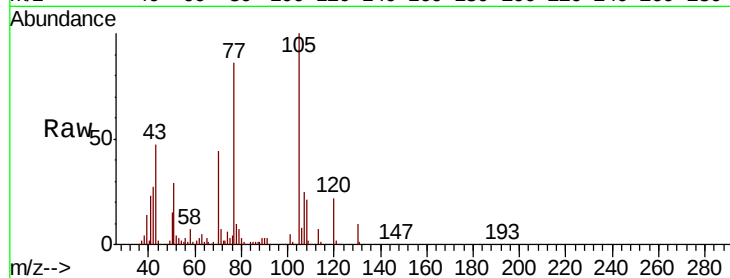




#19
n-Nitroso-di-n-propylamine
Concen: 40.060 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

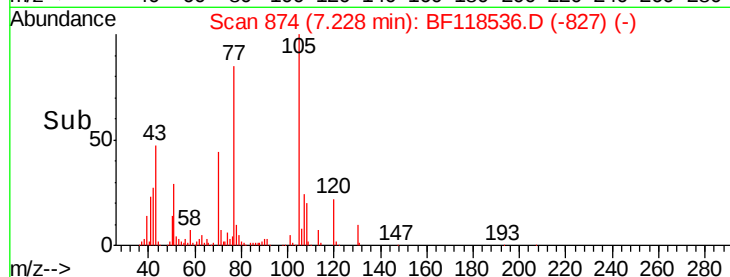
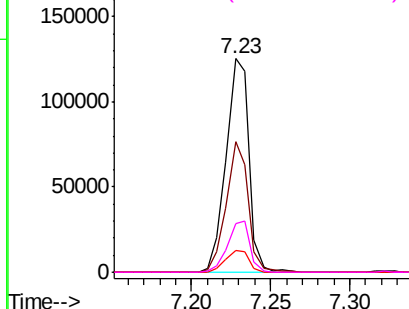
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 125403
Ion Ratio Lower Upper
70 100
42 61.4 45.6 68.4
101 10.3 8.2 12.2
130 22.9 19.2 28.8



Abundance

Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

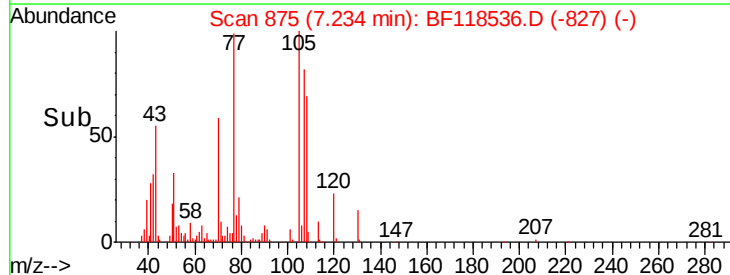
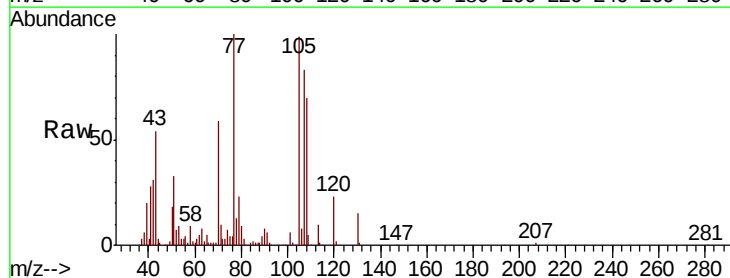
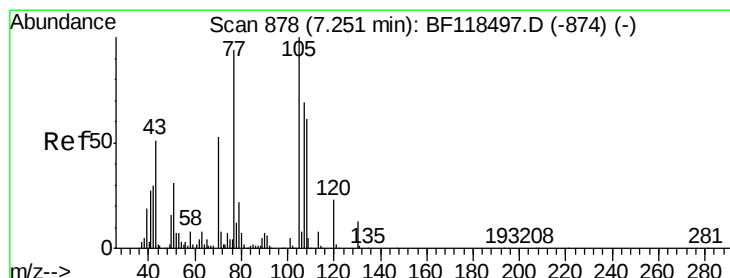
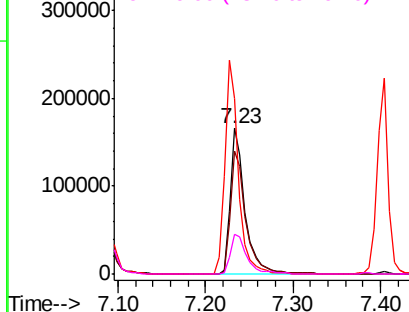


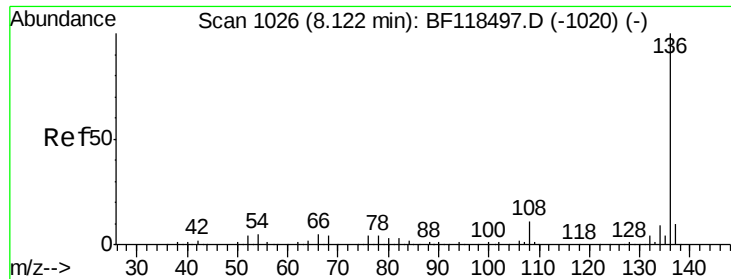
#20
3+4-Methylphenols
Concen: 38.629 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:107 Resp: 191408
Ion Ratio Lower Upper
107 100
108 84.7 68.9 108.9
77 120.7 116.8 156.8
79 27.4 11.7 51.7

Abundance

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 256591

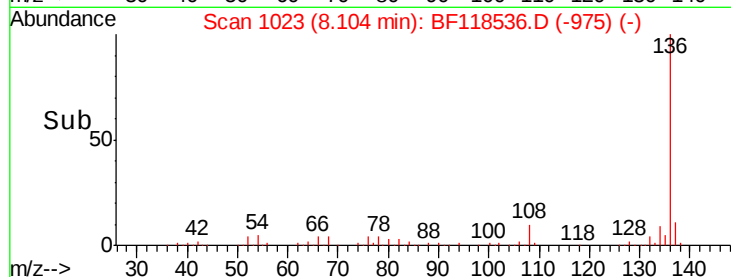
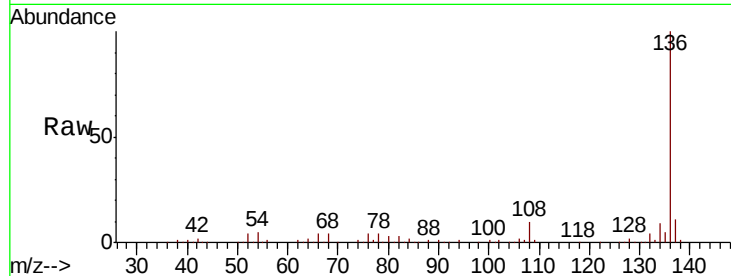
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 4.8 4.2 6.2

68 3.9 3.3 4.9

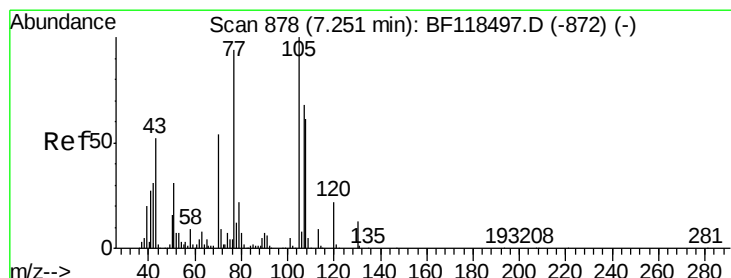
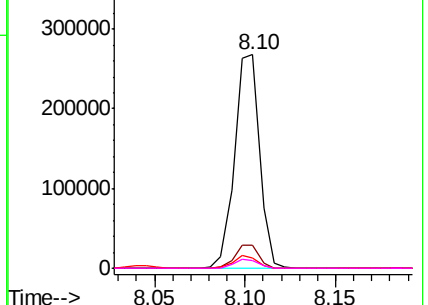


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.001 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:105 Resp: 253665

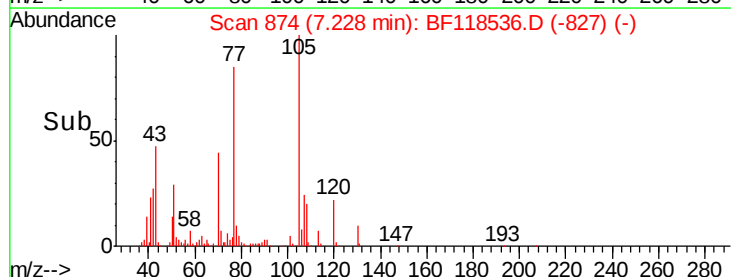
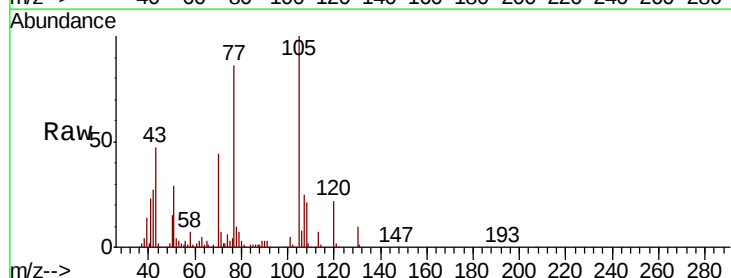
Ion Ratio Lower Upper

105 100

71 7.1 6.9 10.3

51 29.0 25.0 37.4

120 22.1 18.0 27.0

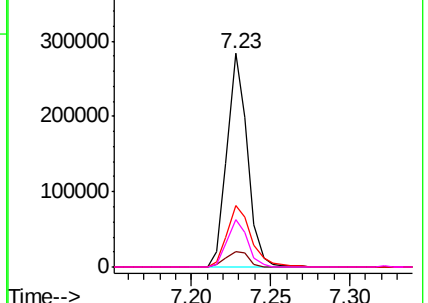


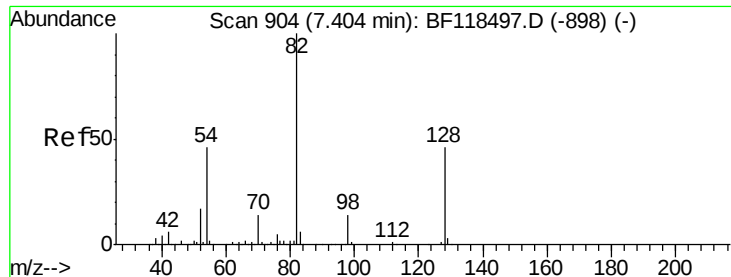
Abundance Ion 105.00 (104.70 to 105.70): E

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

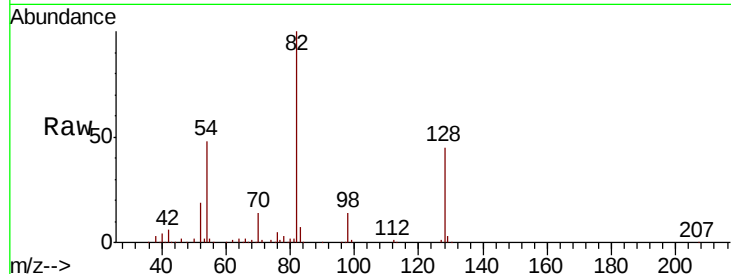




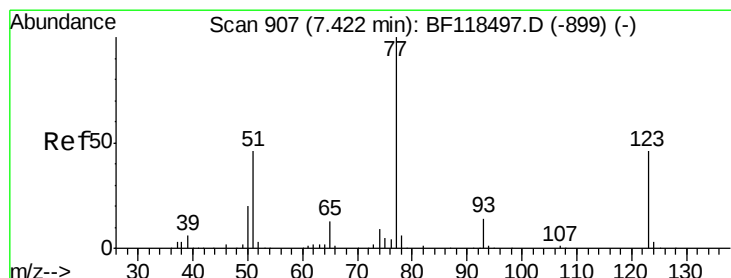
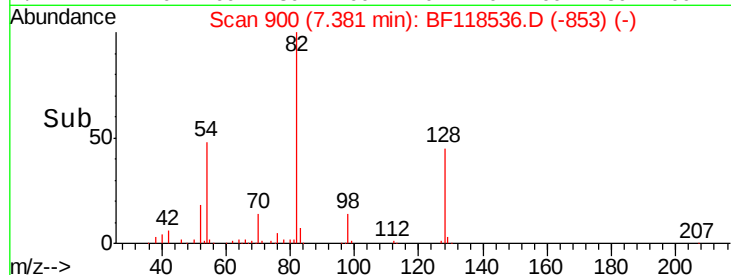
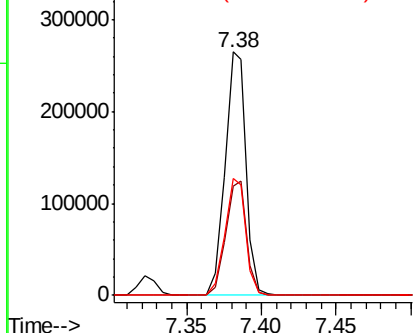
#23
 Nitrobenzene-d5
 Concen: 54.096 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	264232
Ion Ratio	100	Lower	Upper
128	45.1	36.6	54.8
54	48.0	37.0	55.6

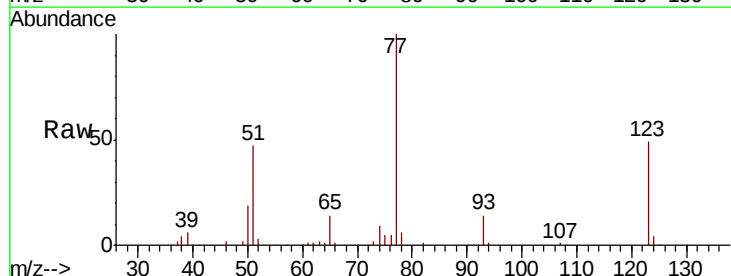


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

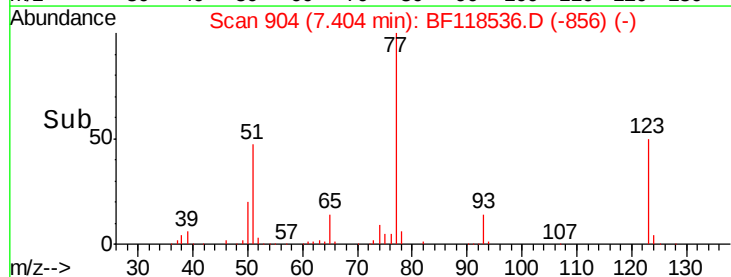
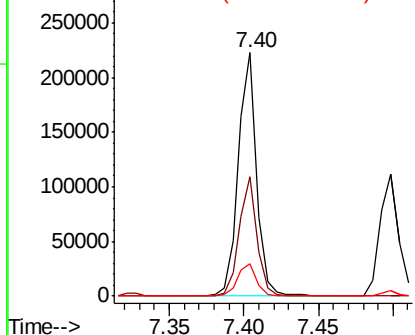


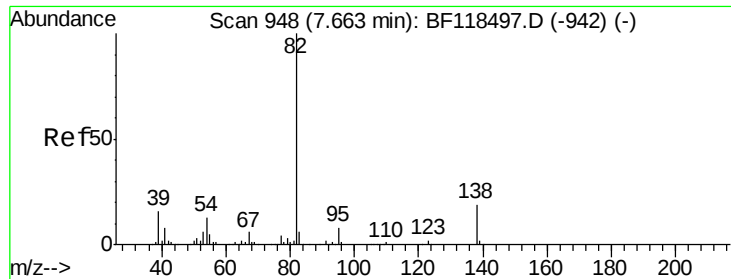
#24
 Nitrobenzene
 Concen: 39.575 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	77	Resp	192212
Ion Ratio	100	Lower	Upper
123	49.3	37.0	55.4
65	13.5	10.7	16.1



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





#25

Isophorone

Concen: 46.056 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

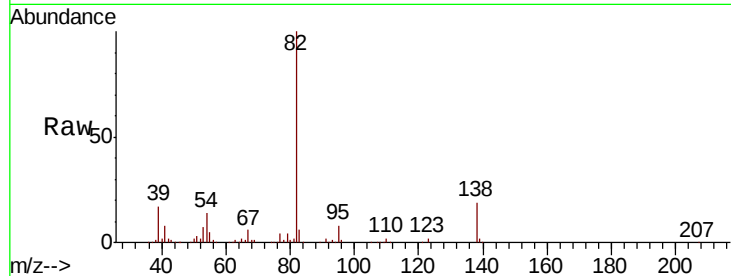
Tot Ion: 82 Resp: 360396

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

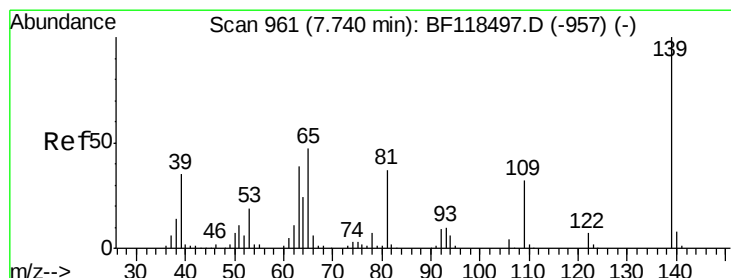
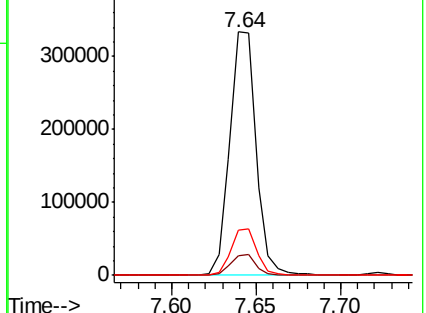
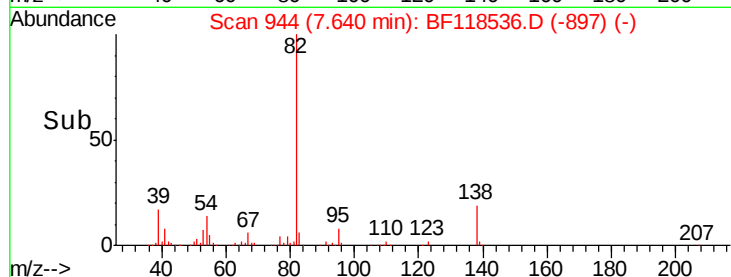
138 18.8 15.4 23.2



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: 46.389 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

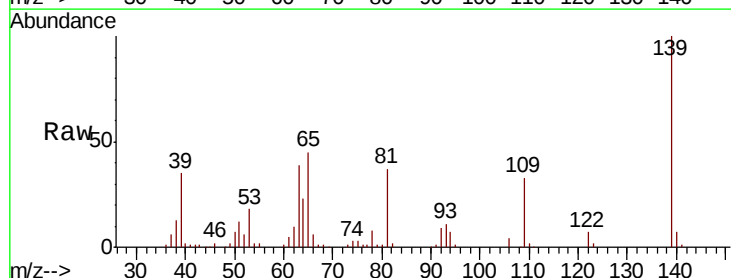
Tgt Ion: 139 Resp: 111242

Ion Ratio Lower Upper

139 100

109 33.5 25.7 38.5

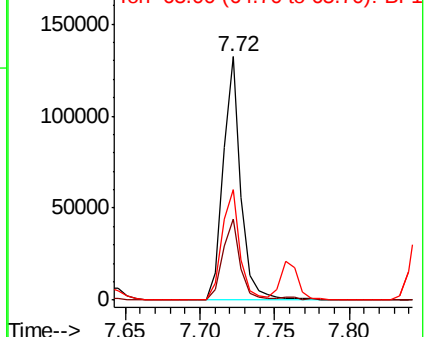
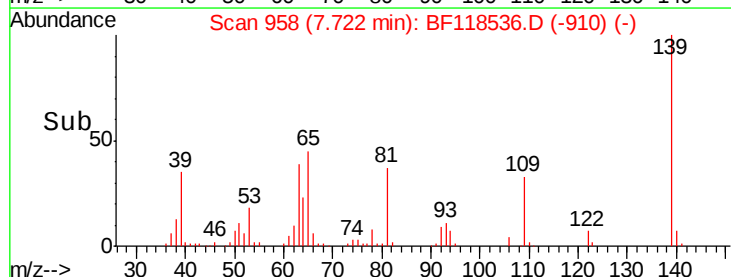
65 45.2 37.8 56.6

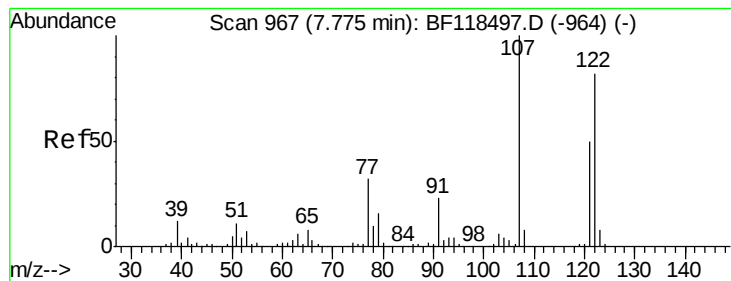


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.664 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

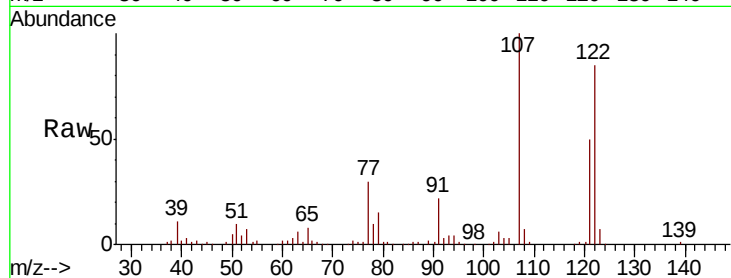
Tot Ion:122 Resp: 173063

Ion Ratio Lower Upper

122 100

107 118.3 97.9 146.9

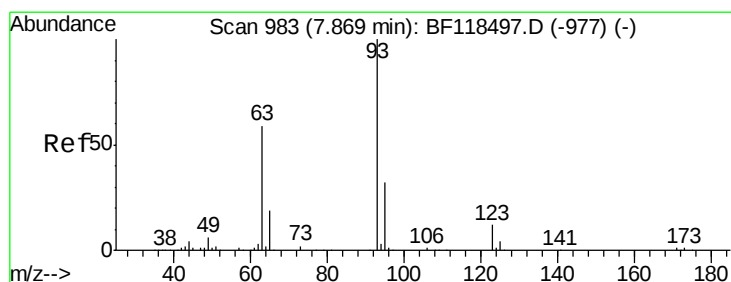
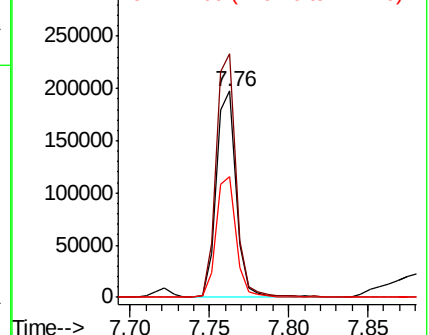
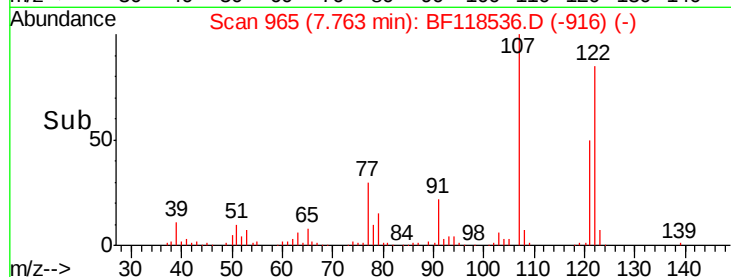
121 58.7 49.0 73.4



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: 43.025 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

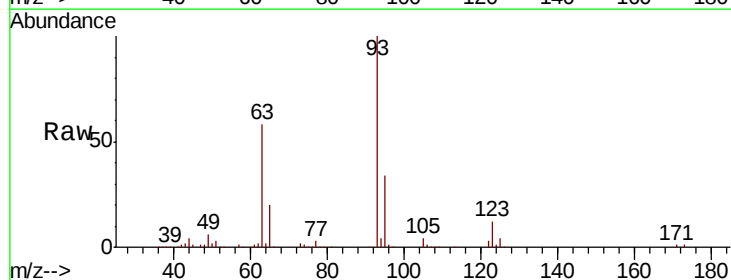
Tgt Ion: 93 Resp: 221346

Ion Ratio Lower Upper

93 100

95 34.4 25.9 38.9

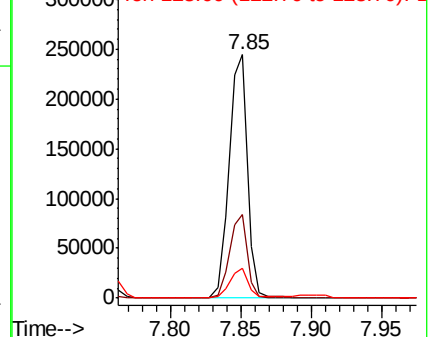
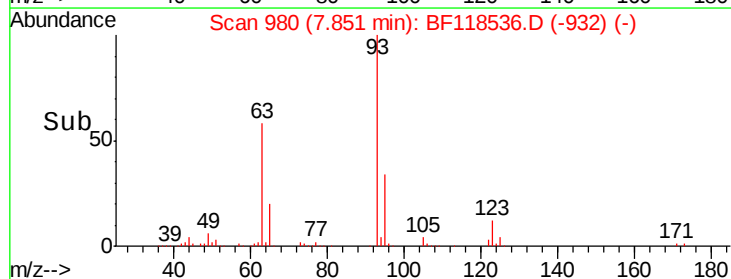
123 12.3 9.7 14.5

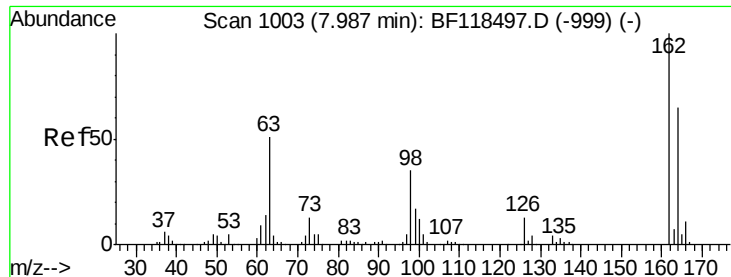


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

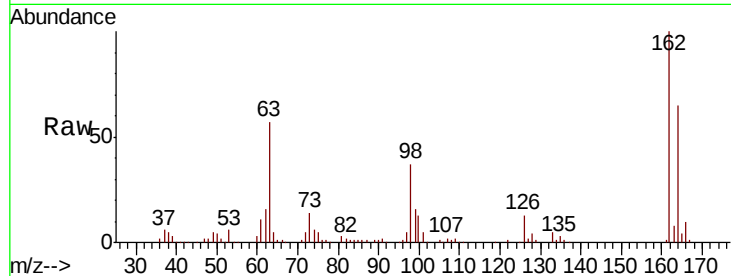




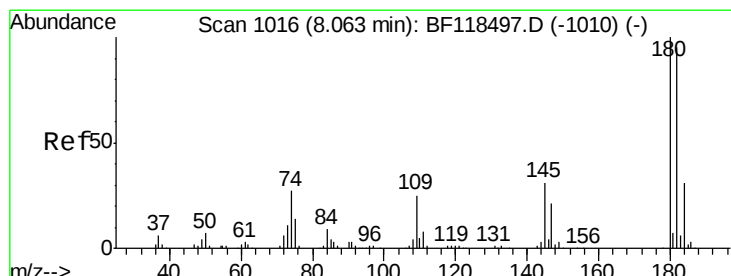
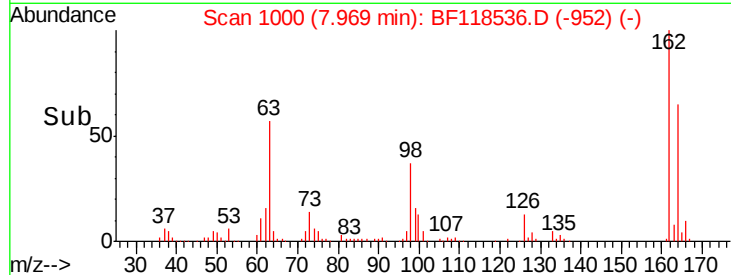
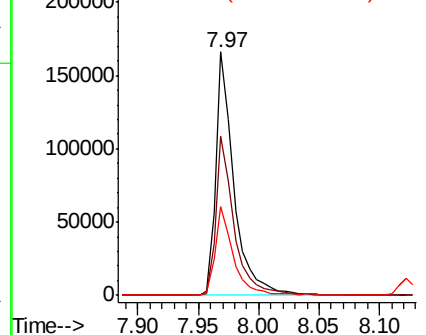
#29
 2,4-Dichlorophenol
 Concen: 45.608 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 171734
 Ion Ratio Lower Upper
 162 100
 164 65.3 44.8 84.8
 98 36.6 15.1 55.1

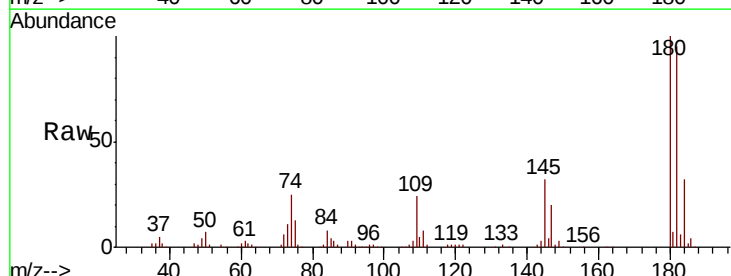


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

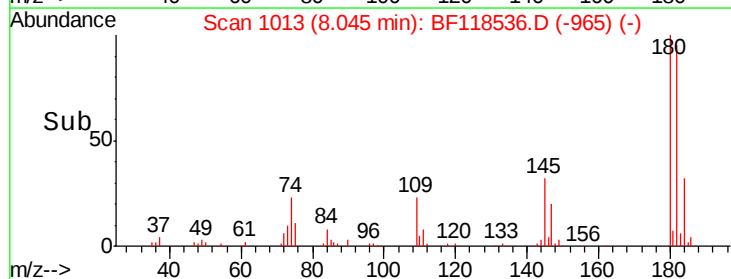
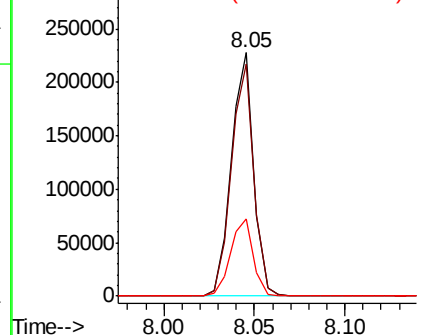


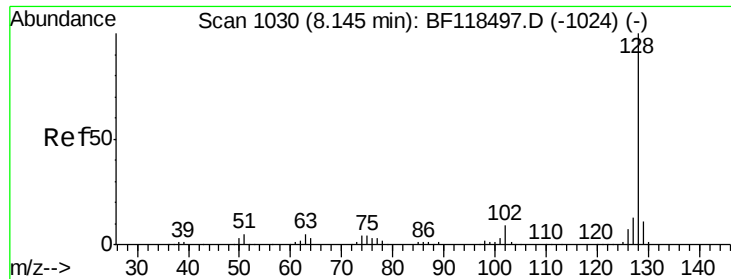
#30
 1,2,4-Trichlorobenzene
 Concen: 44.379 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion:180 Resp: 194085
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.8 113.6
 145 31.6 25.0 37.6



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

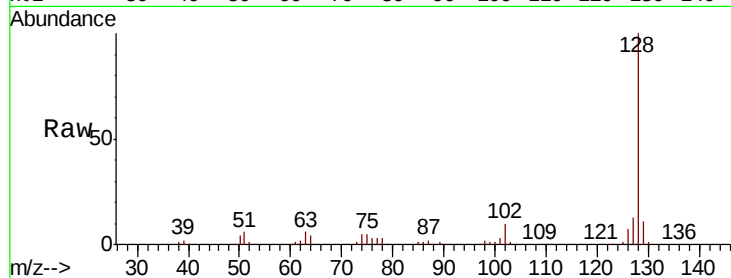




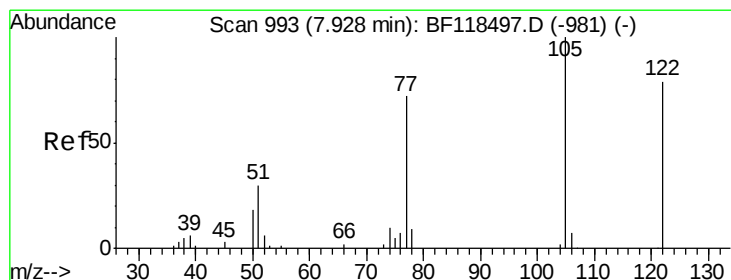
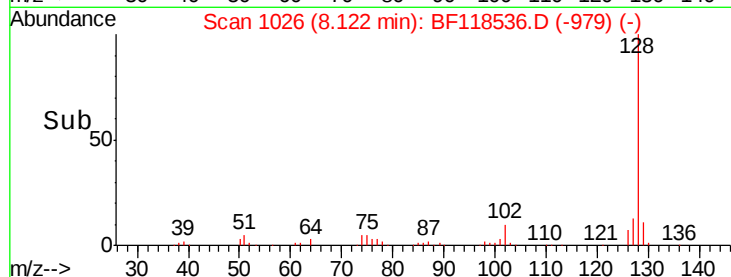
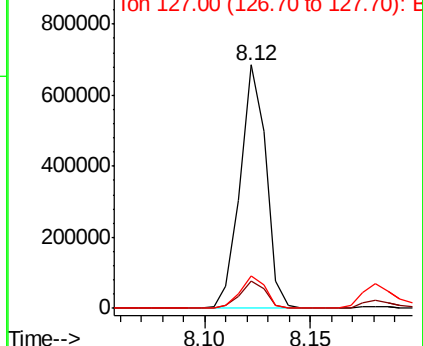
#31
Naphthalene
Concen: 43.323 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 581481
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.3 10.7 16.1

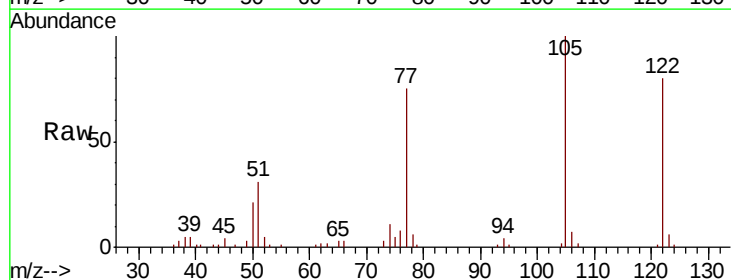


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

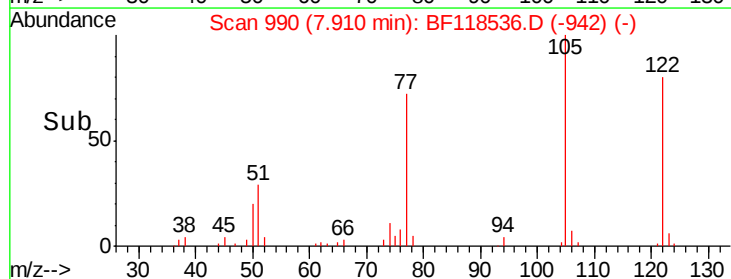
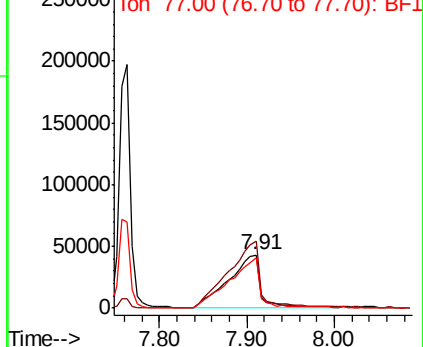


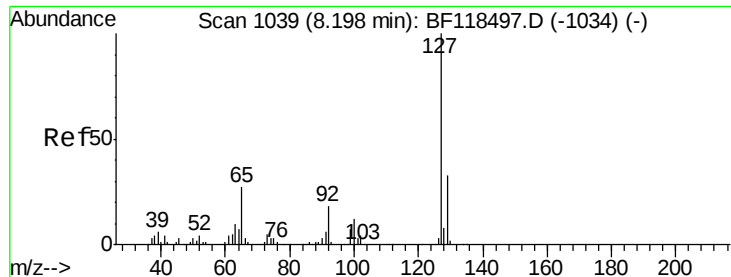
#32
Benzoic acid
Concen: 48.013 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:122 Resp: 106638
Ion Ratio Lower Upper
122 100
105 125.8 105.7 145.7
77 94.4 71.0 111.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

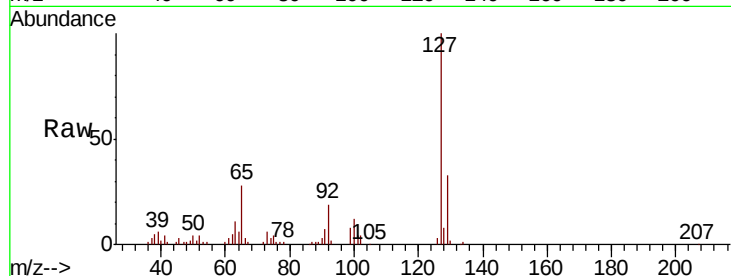




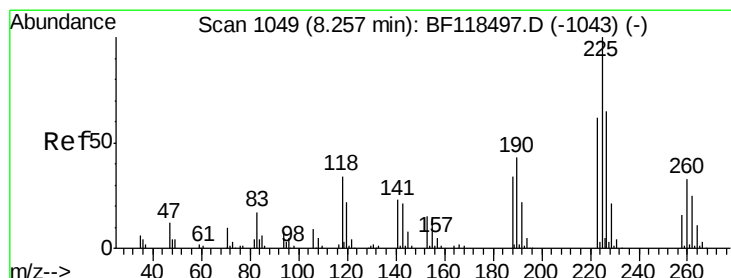
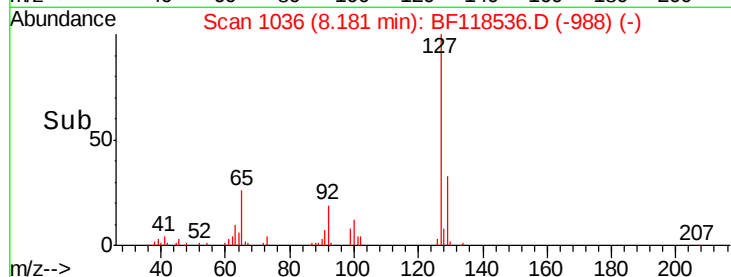
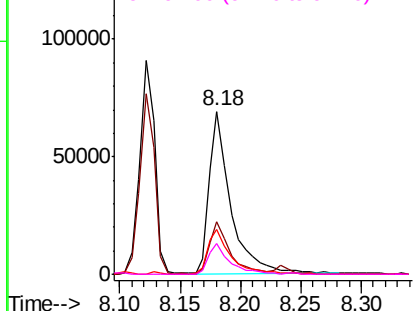
#33
4-Chloroaniline
Concen: 15.440 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	85316
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.2 39.4
65	27.7	21.6 32.4
92	18.7	14.3 21.5

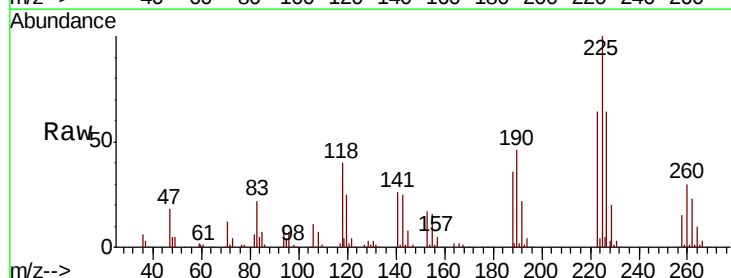


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

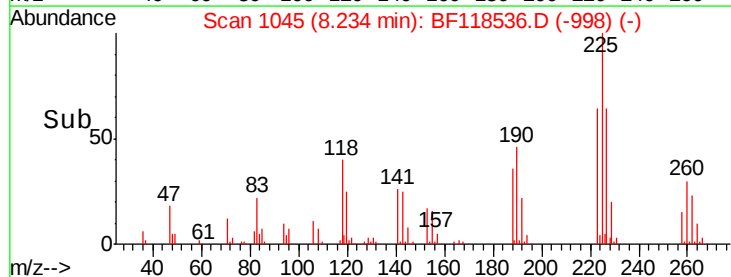
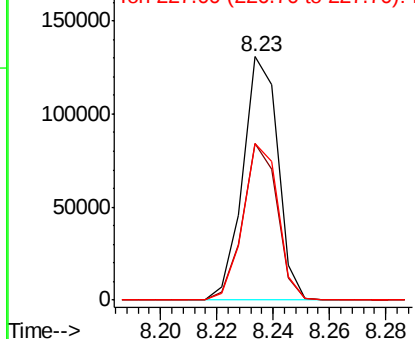


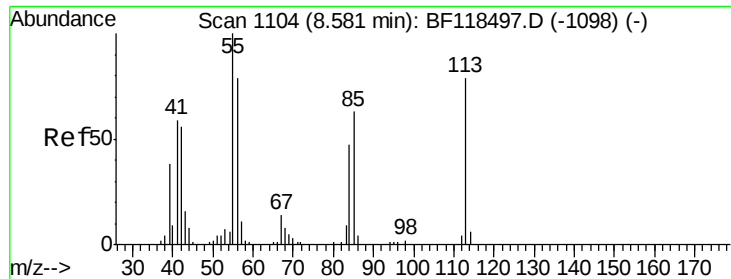
#34
Hexachlorobutadiene
Concen: 41.917 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:225	Resp:	112527
Ion Ratio	Lower	Upper
225	100	
223	64.3	49.9 74.9
227	64.1	51.8 77.6



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

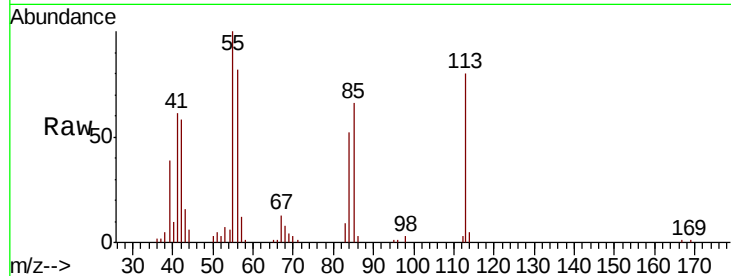




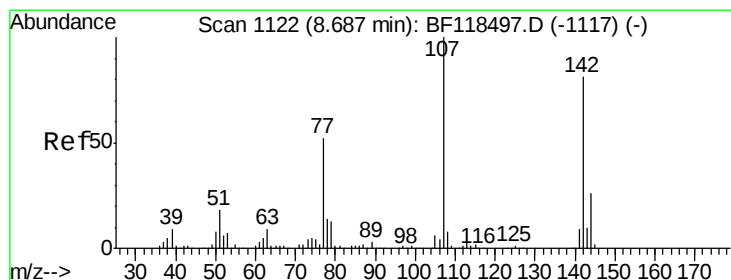
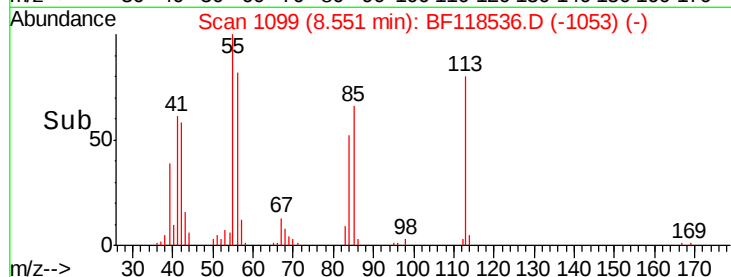
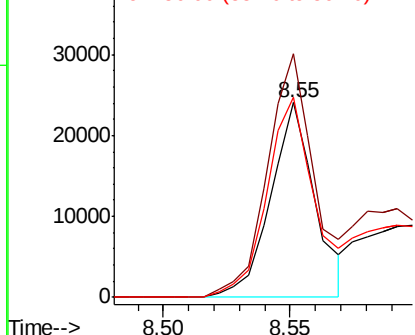
#35
 Caprolactam
 Concen: 25.805 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.03 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 29270
 Ion Ratio Lower Upper
 113 100
 55 125.2 106.5 146.5
 56 102.9 80.1 120.1

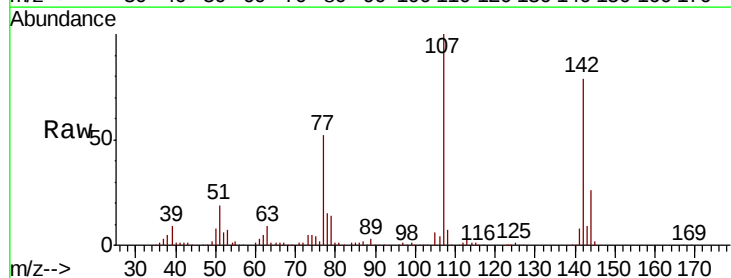


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

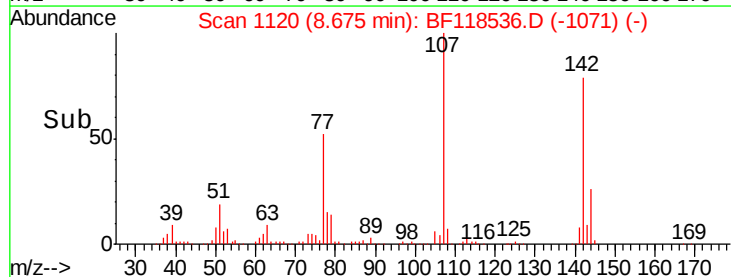
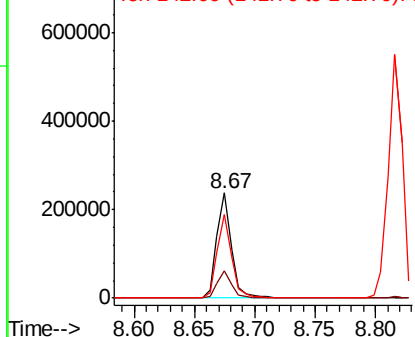


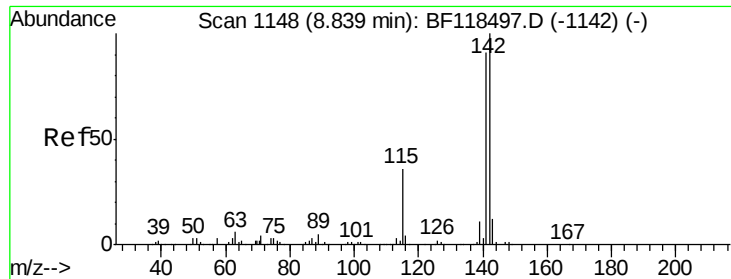
#36
 4-Chloro-3-methylphenol
 Concen: 48.743 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion:107 Resp: 197317
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 31.0
 142 79.3 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

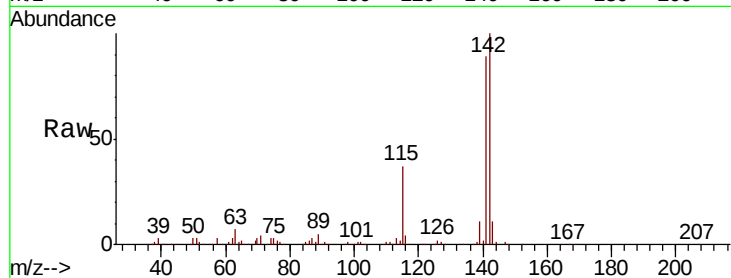




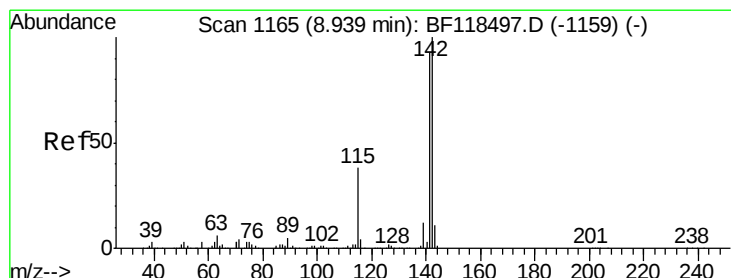
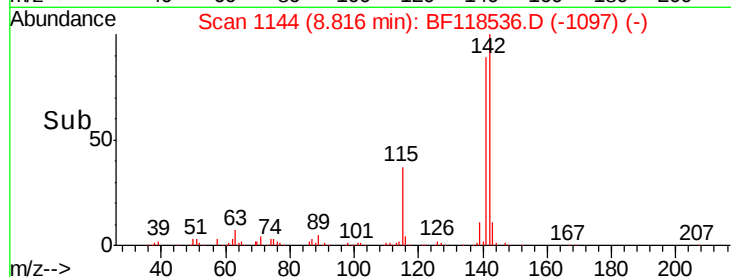
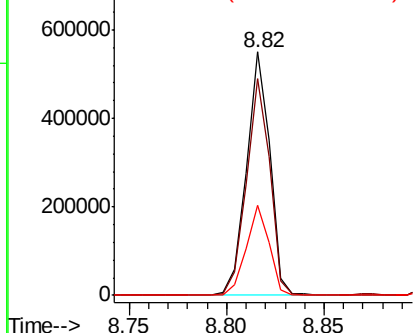
#37
 2-Methylnaphthalene
 Concen: 49.499 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6
115	36.9	28.4	42.6

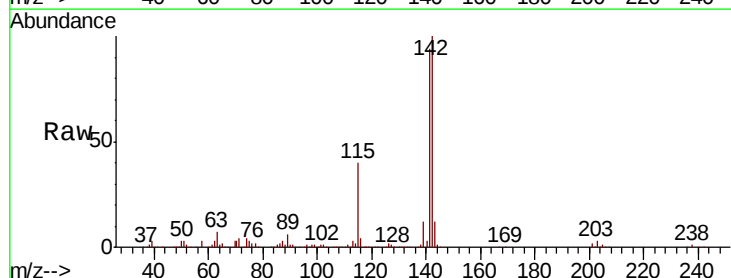


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

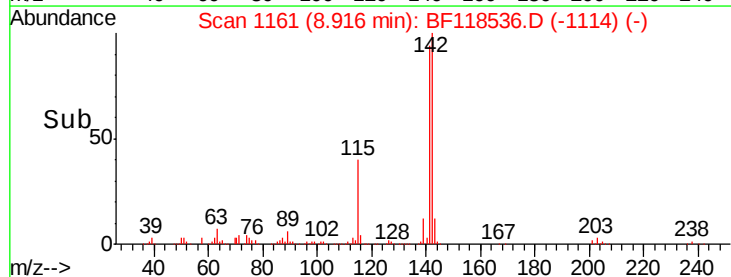
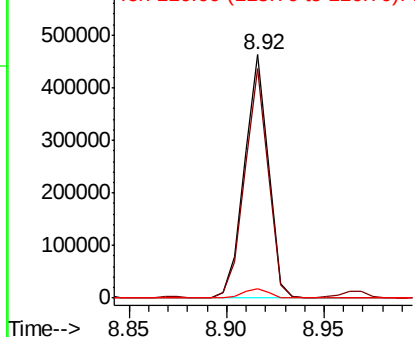


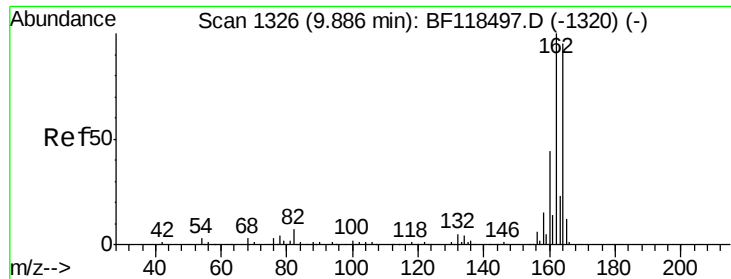
#38
 1-Methylnaphthalene
 Concen: 45.119 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.3	111.5
116	3.8	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

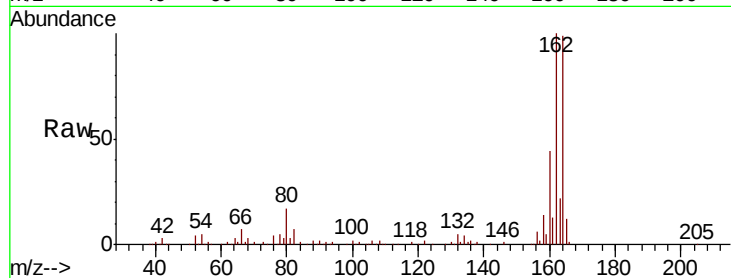




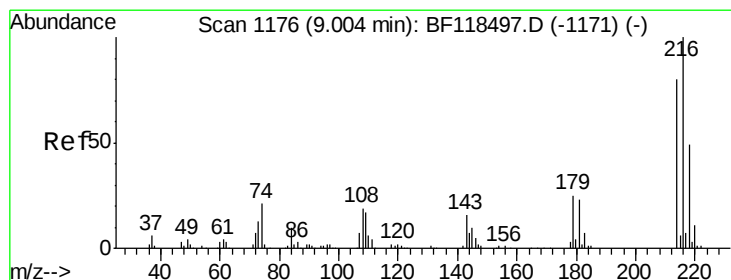
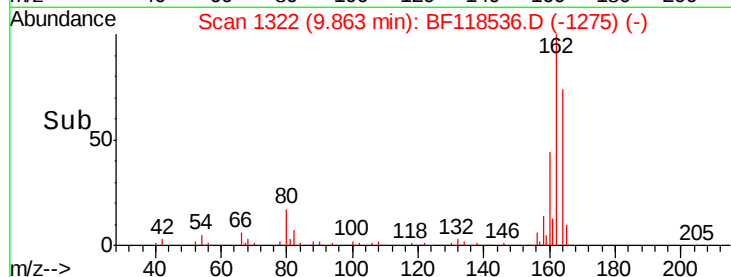
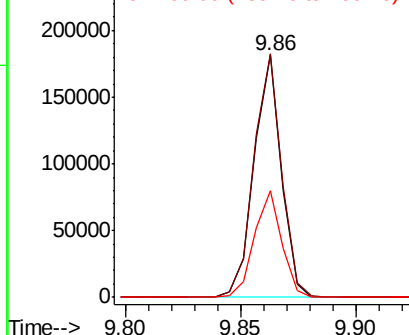
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 149591
Ion Ratio Lower Upper
164 100
162 100.7 84.2 126.4
160 43.9 36.8 55.2

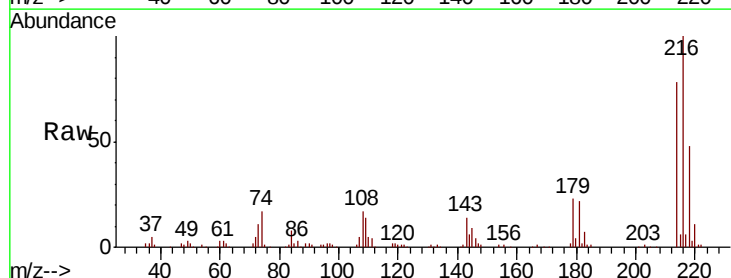


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

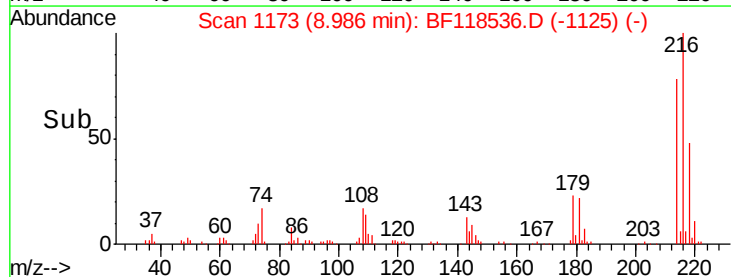
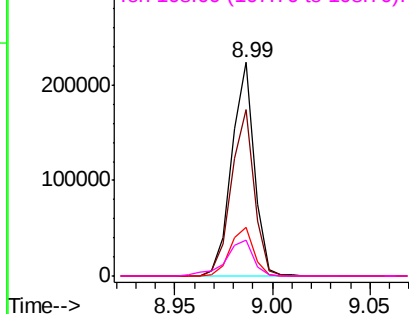


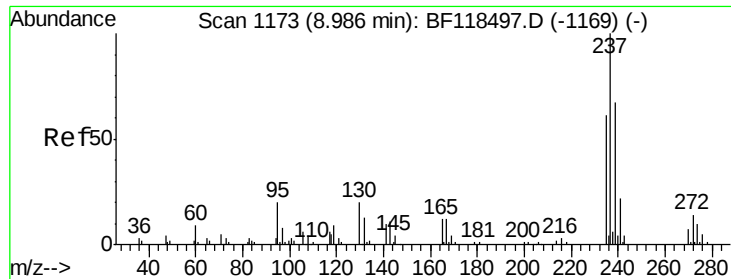
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.111 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:216 Resp: 179762
Ion Ratio Lower Upper
216 100
214 79.2 62.4 93.6
179 23.4 18.7 28.1
108 20.2 15.3 22.9



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.285 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

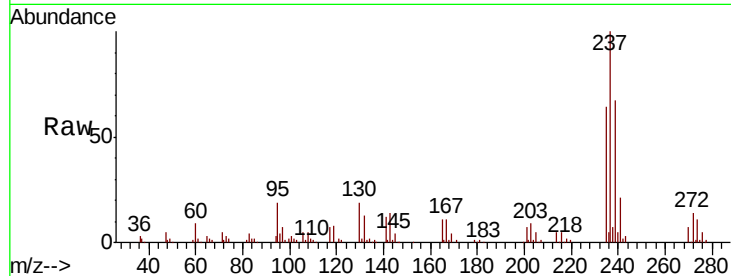
Tot Ion:237 Resp: 85731

Ion Ratio Lower Upper

237 100

235 64.0 40.8 80.8

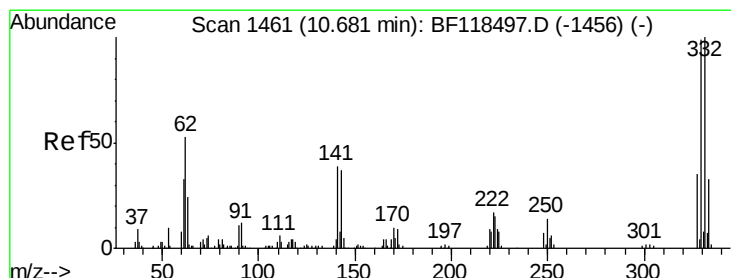
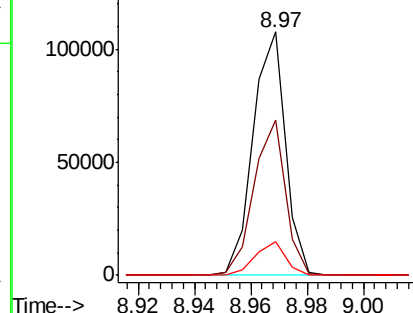
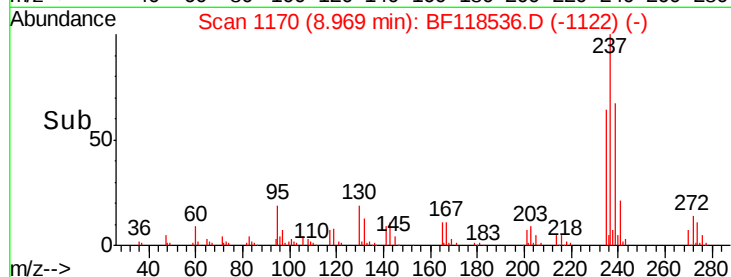
272 13.7 0.0 34.2



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: 94.004 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

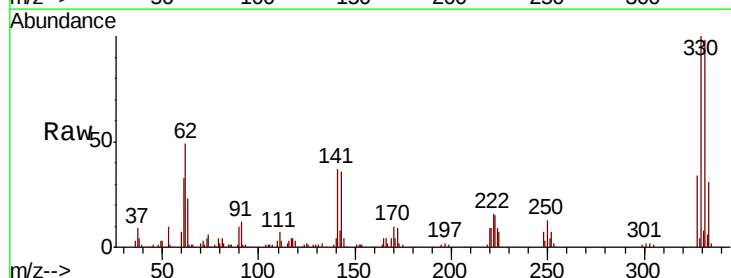
Tgt Ion:330 Resp: 165930

Ion Ratio Lower Upper

330 100

332 97.5 77.9 116.9

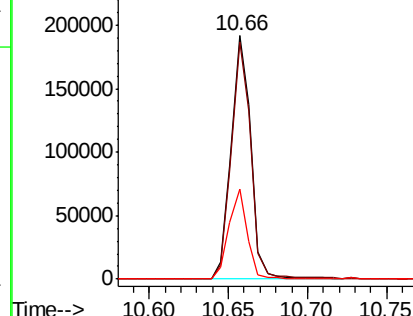
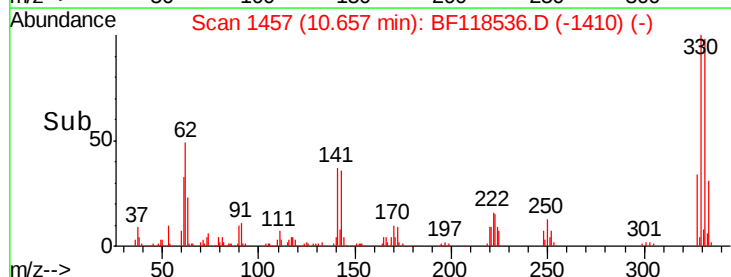
141 35.2 28.6 43.0

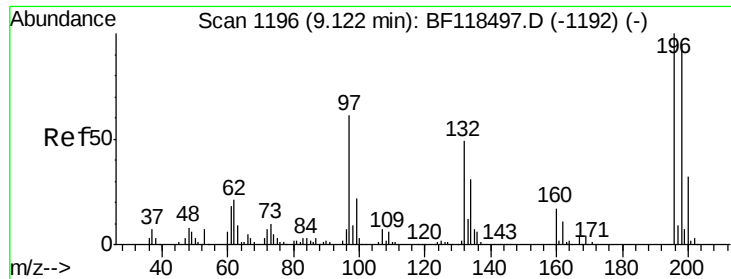


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

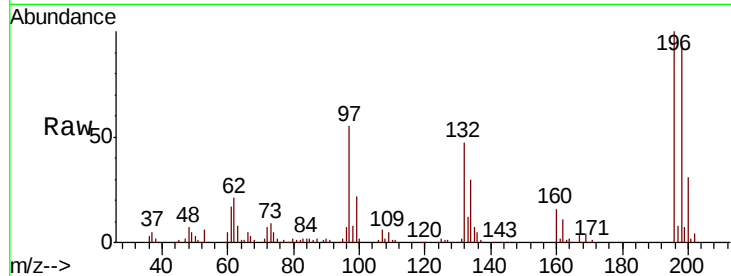




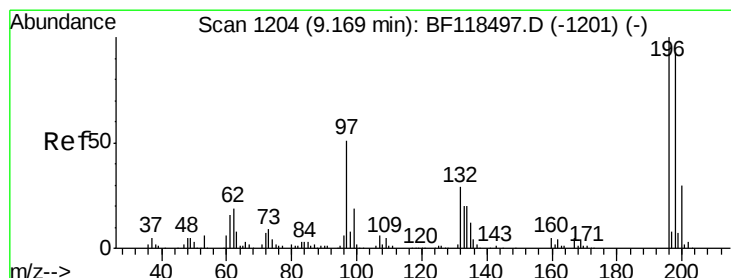
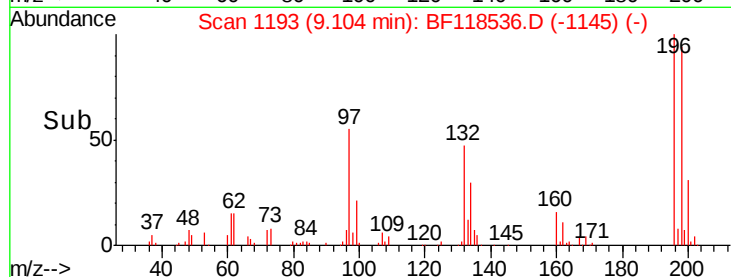
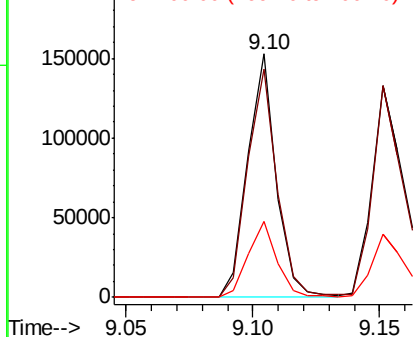
#43
 2,4,6-Trichlorophenol
 Concen: 42.498 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 120704
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.2 114.4
 200 31.2 25.2 37.8

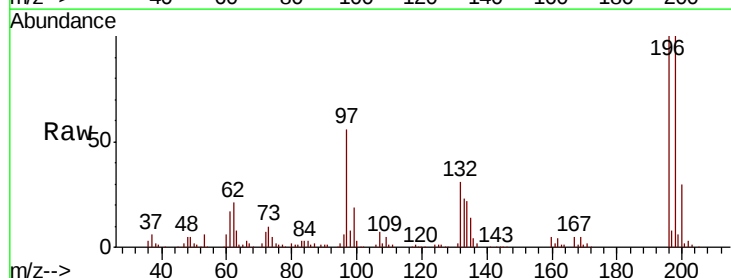


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

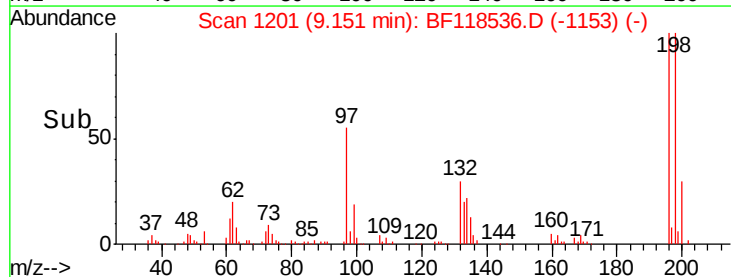
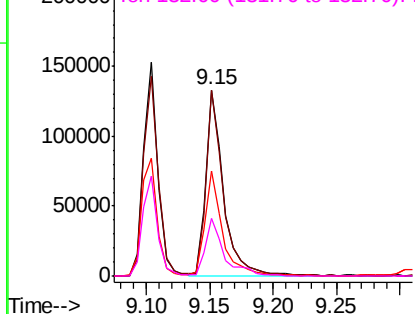


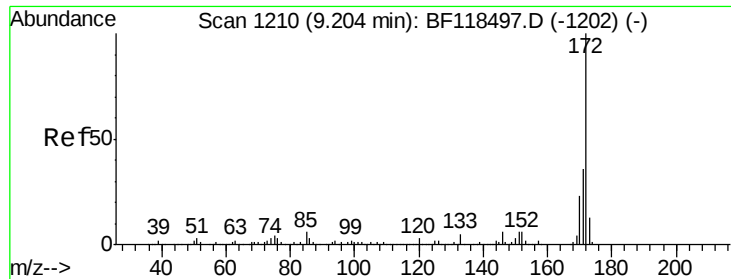
#44
 2,4,5-Trichlorophenol
 Concen: 44.167 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion:196 Resp: 129813
 Ion Ratio Lower Upper
 196 100
 198 99.7 74.7 112.1
 97 56.4 40.7 61.1
 132 31.2 23.7 35.5



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

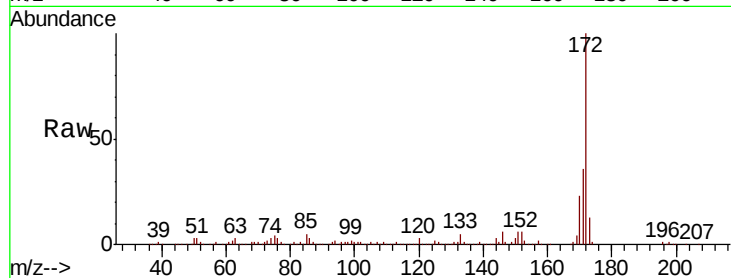




#45
2-Fluorobiphenyl
Concen: 52.495 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.4	18.6	27.8

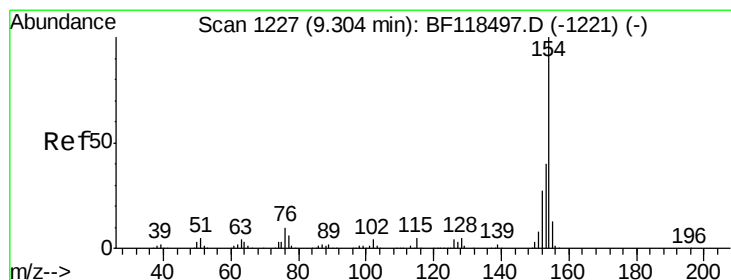
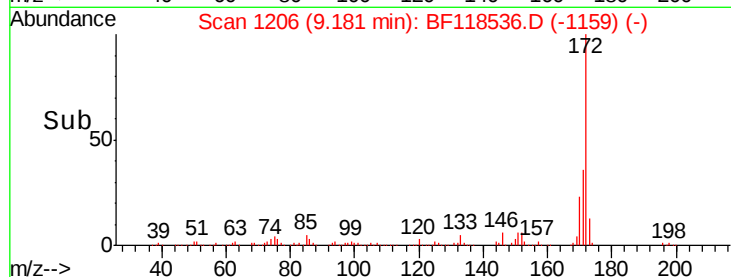
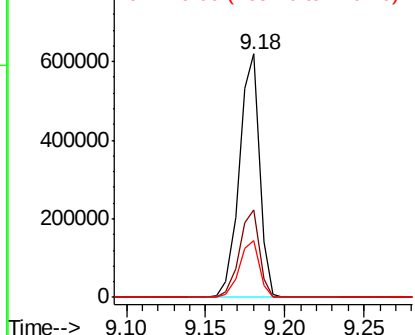


Abundance

Ion 172.00 (171.70 to 172.70): E

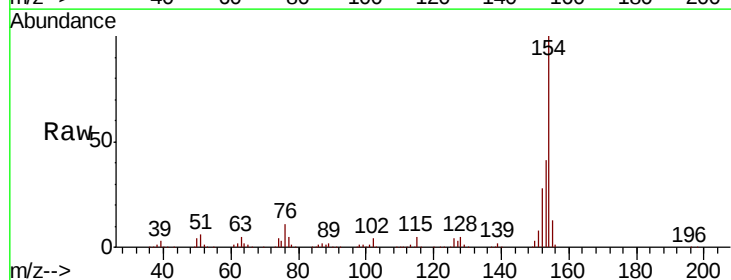
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.136 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.2	60.2
76	11.2	0.0	30.4

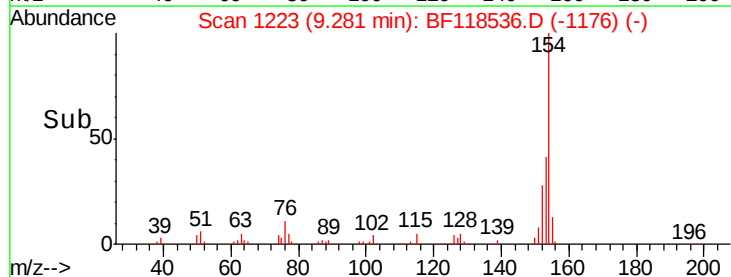
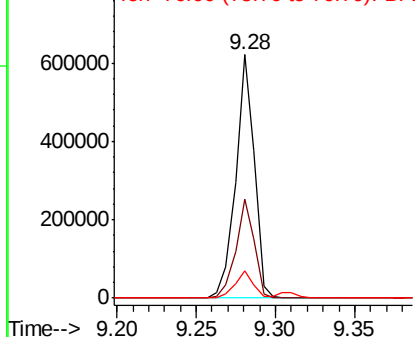


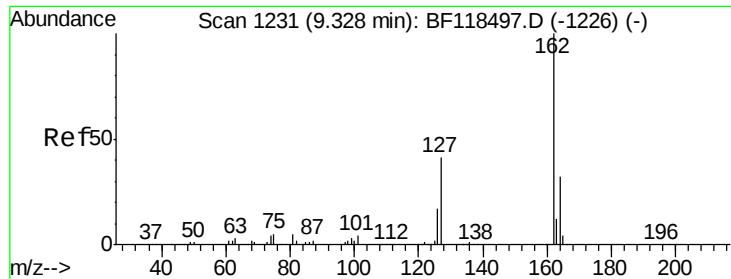
Abundance

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

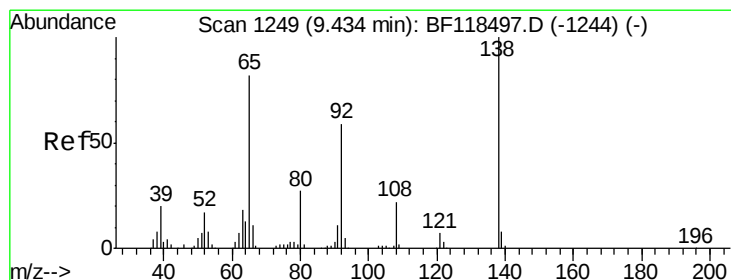
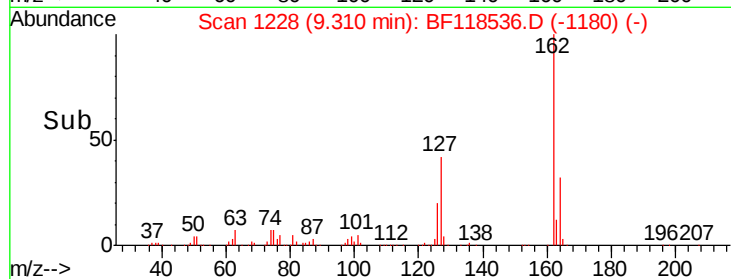
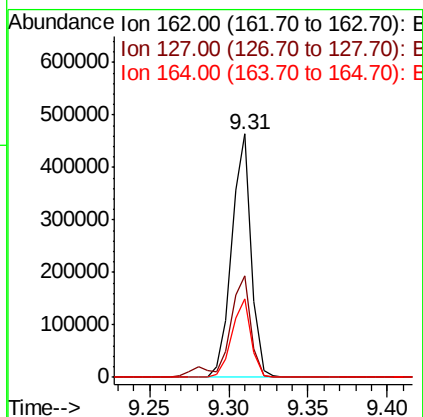
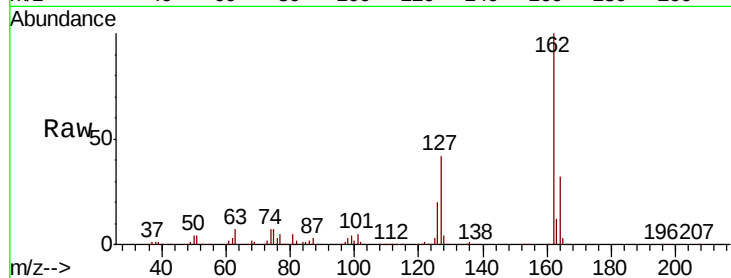




#47
 2-Chloronaphthalene
 Concen: 40.625 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

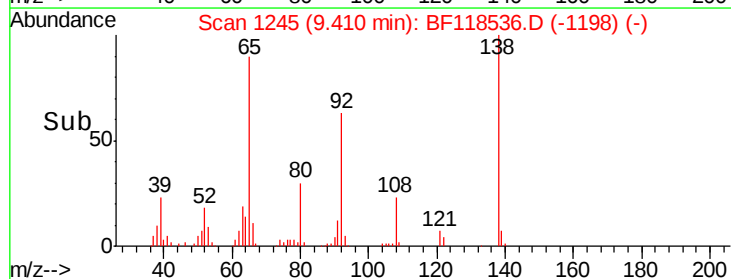
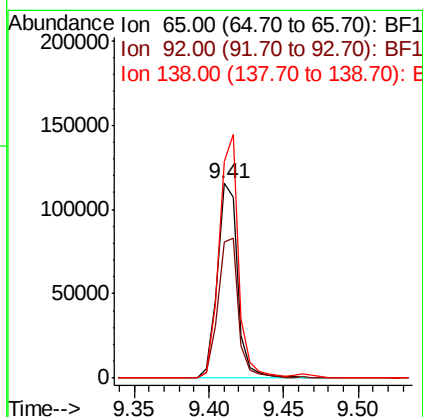
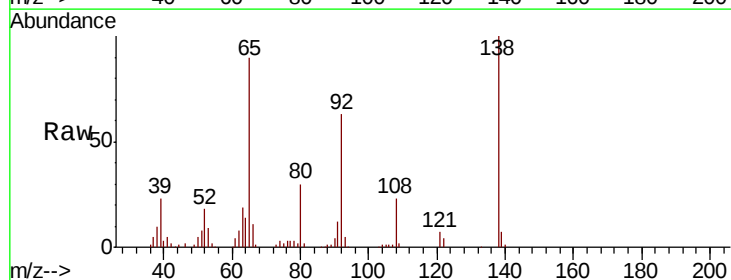
Instrument :
 BNA_F
 ClientSampleId :

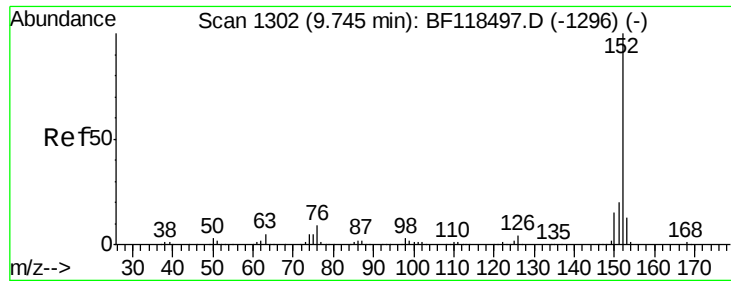
Tot Ion:162 Resp: 393009
 Ion Ratio Lower Upper
 162 100
 127 41.5 35.5 53.3
 164 32.2 25.8 38.8



#48
 2-Nitroaniline
 Concen: 39.688 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion: 65 Resp: 110947
 Ion Ratio Lower Upper
 65 100
 92 70.1 57.7 86.5
 138 111.3 97.2 145.8





#49

Acenaphthylene

Concen: 44.356 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

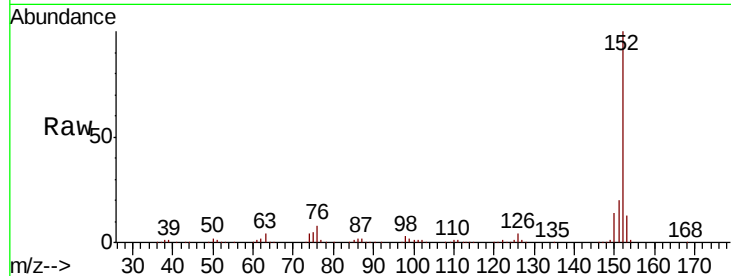
Tot Ion:152 Resp: 638743

Ion Ratio Lower Upper

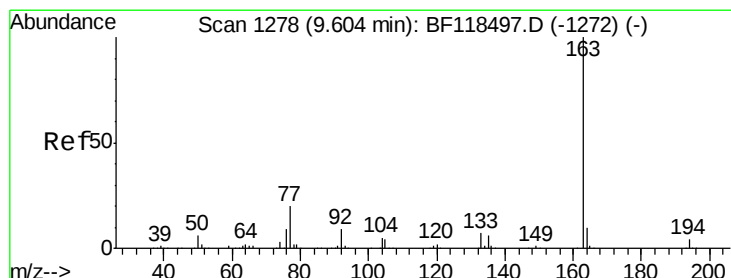
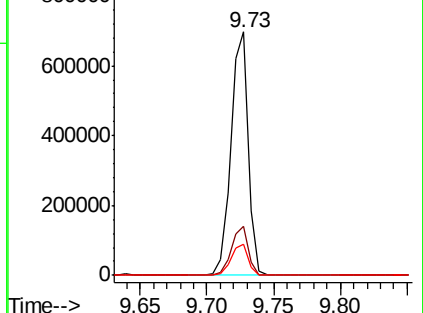
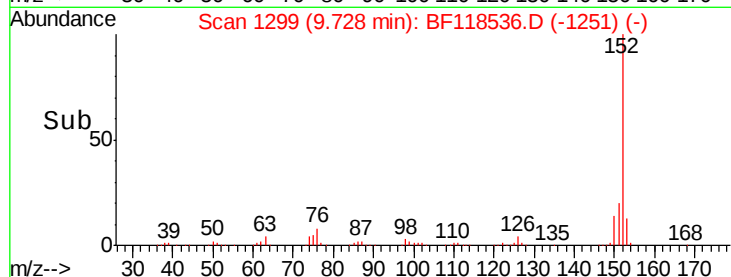
152 100

151 20.0 16.3 24.5

153 12.6 10.6 16.0



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



#50

Dimethylphthalate

Concen: 45.390 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

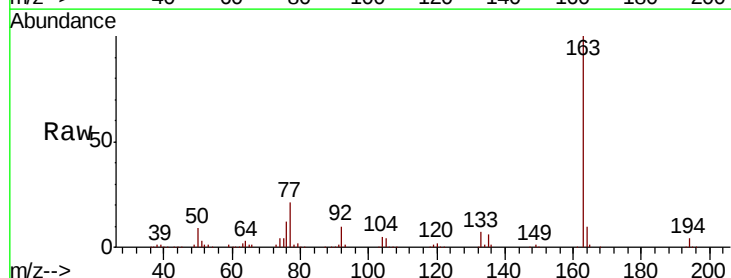
Tgt Ion:163 Resp: 521139

Ion Ratio Lower Upper

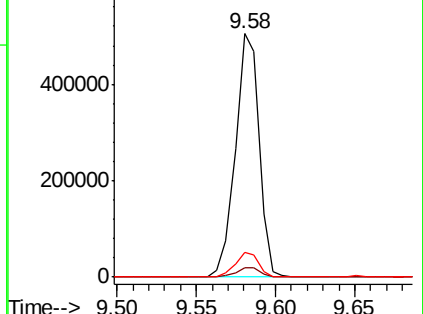
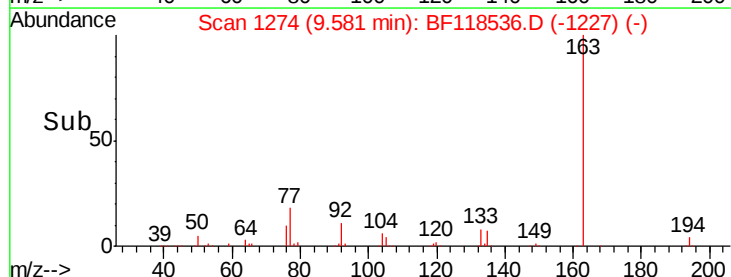
163 100

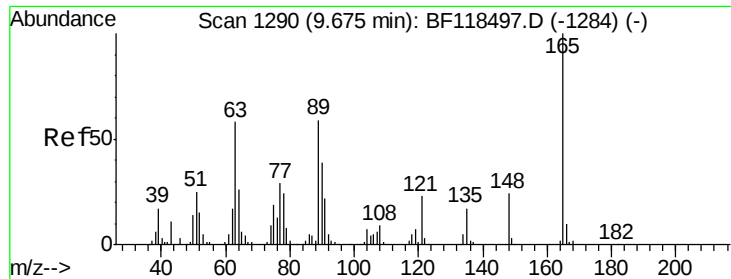
194 3.6 3.0 4.6

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: 42.412 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

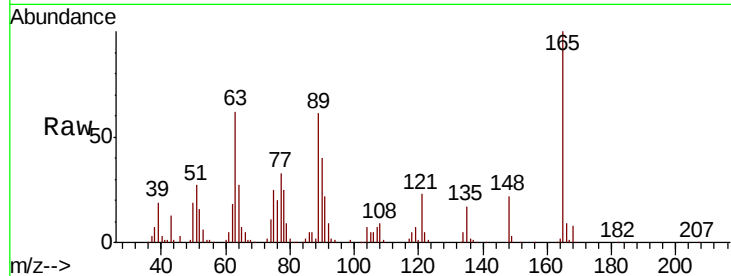
Tot Ion:165 Resp: 104863

Ion Ratio Lower Upper

165 100

63 62.3 46.6 70.0

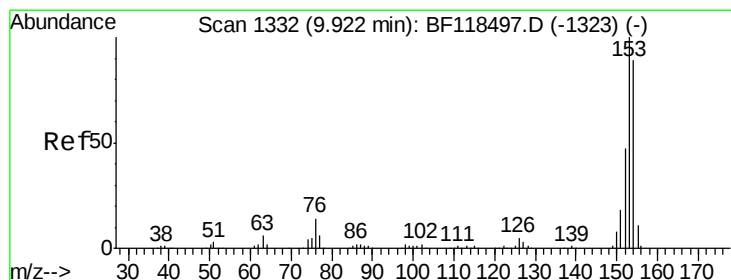
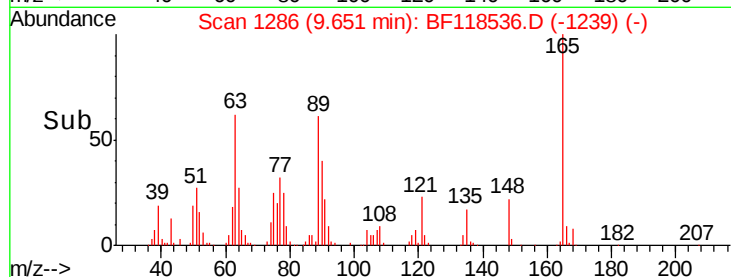
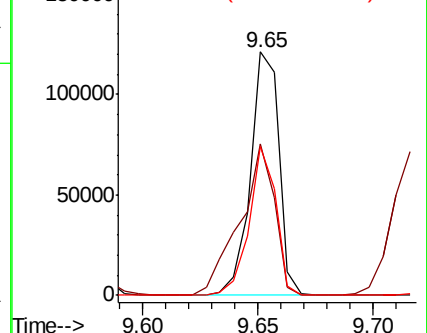
89 61.2 47.5 71.3



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: 44.527 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

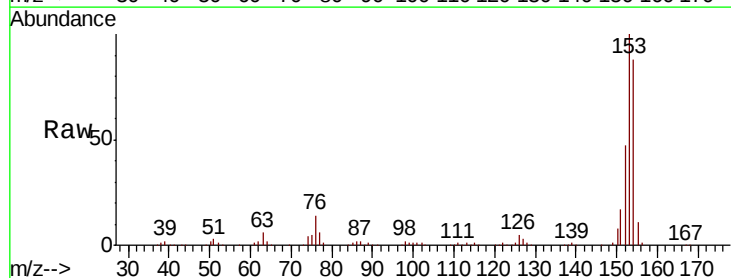
Tgt Ion:154 Resp: 391553

Ion Ratio Lower Upper

154 100

153 113.5 89.7 134.5

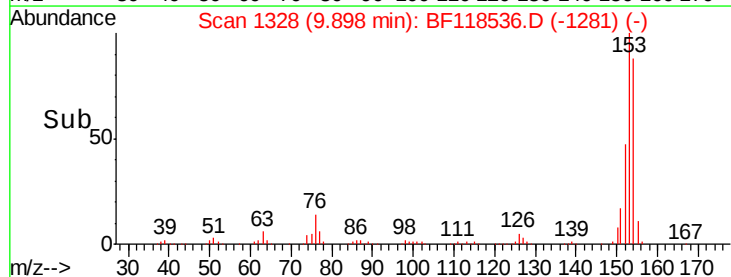
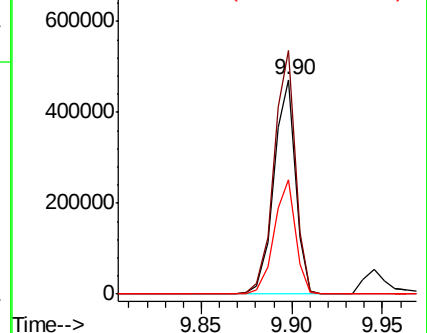
152 53.2 41.9 62.9

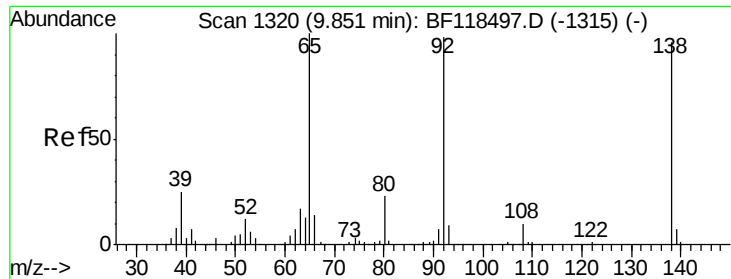


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

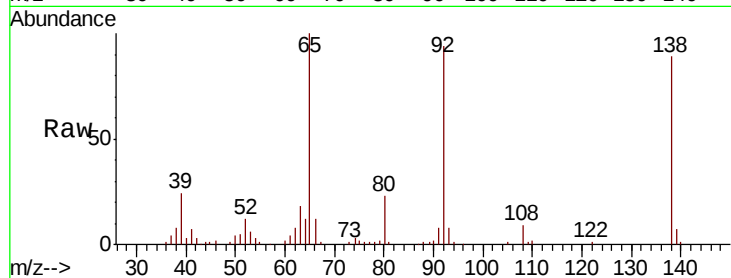




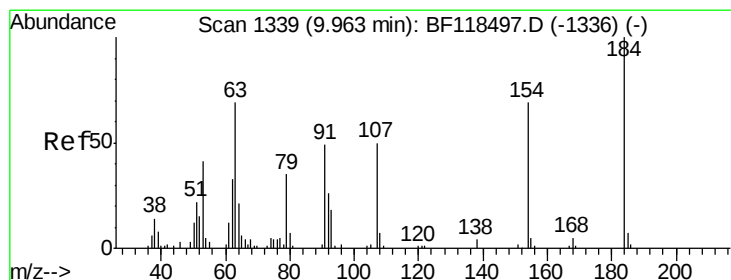
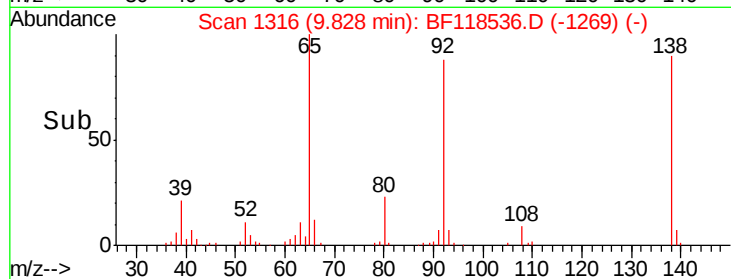
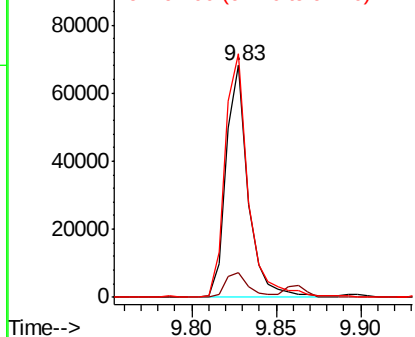
#53
3-Nitroaniline
Concen: 21.507 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 62290
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 105.1 81.6 122.4

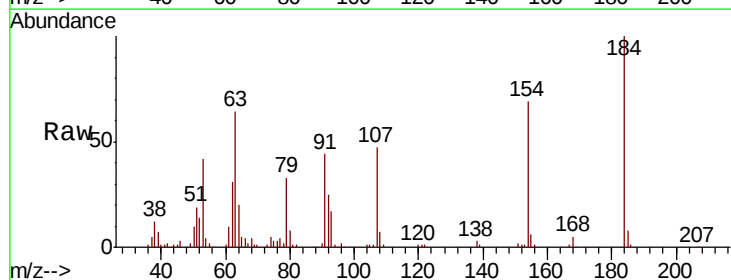


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

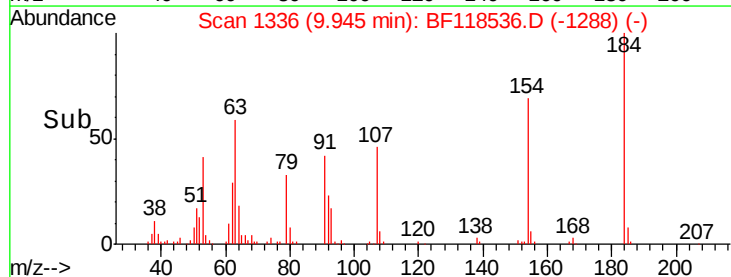
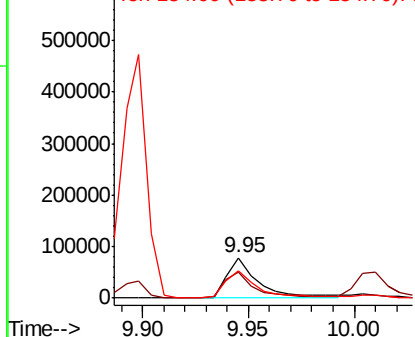


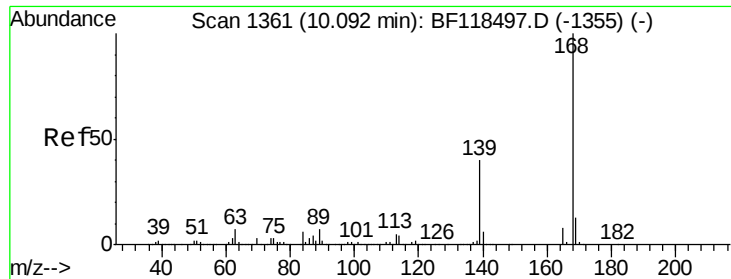
#54
2,4-Dinitrophenol
Concen: 75.122 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:184 Resp: 80671
Ion Ratio Lower Upper
184 100
63 63.8 55.3 82.9
154 68.6 55.0 82.4



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





#55

Dibenzenofuran

Concen: 42.271 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

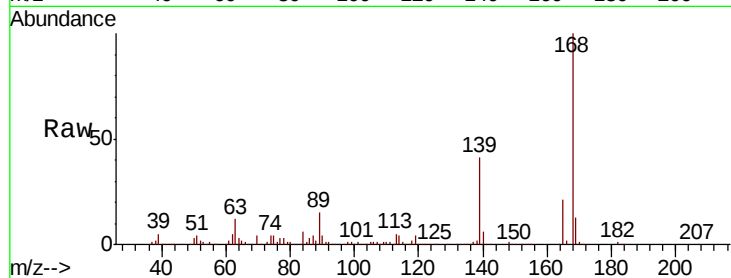
Tot Ion:168 Resp: 558307

Ion Ratio Lower Upper

168 100

139 41.4 32.5 48.7

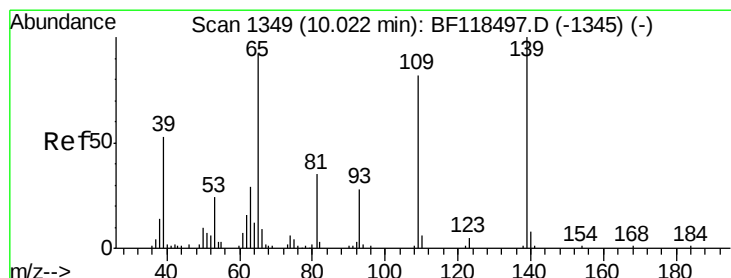
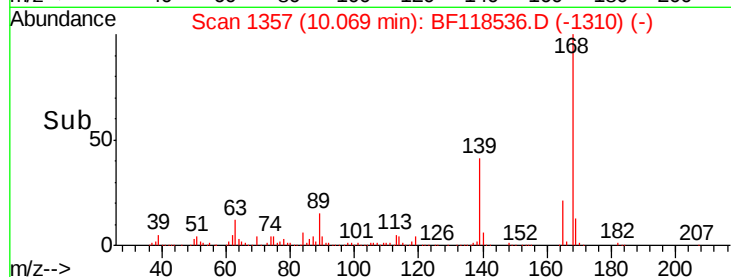
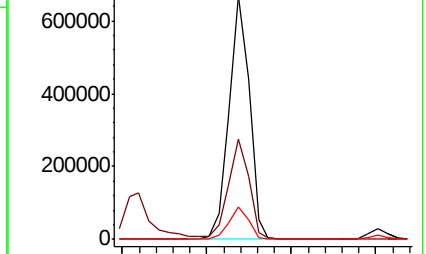
169 13.3 10.6 16.0



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: 101.050 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

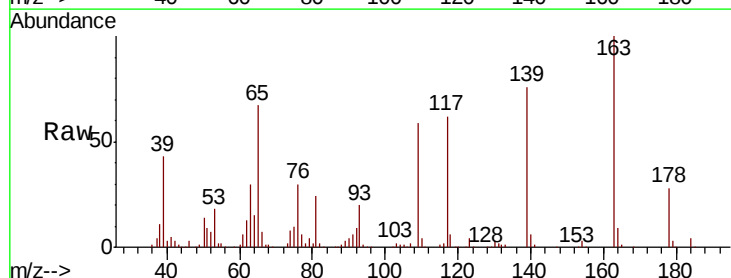
Tgt Ion:139 Resp: 142102

Ion Ratio Lower Upper

139 100

109 77.9 62.2 102.2

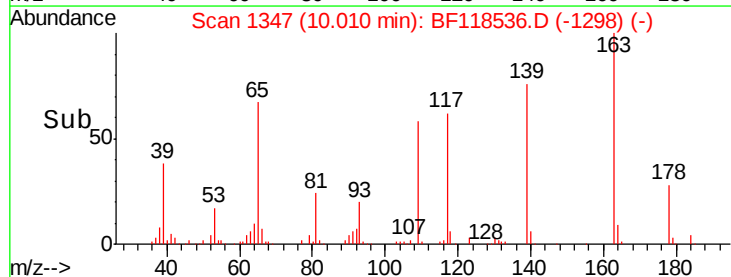
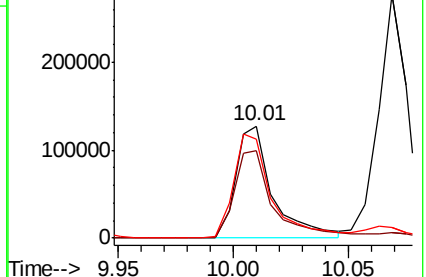
65 88.5 72.8 112.8

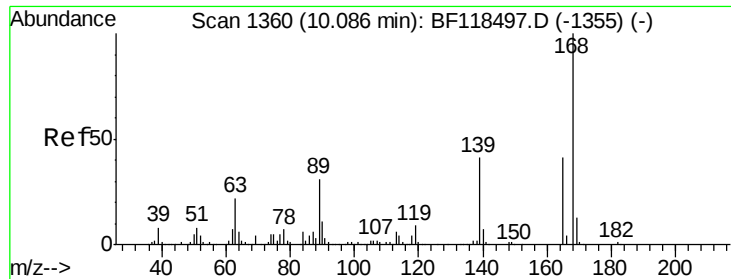


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

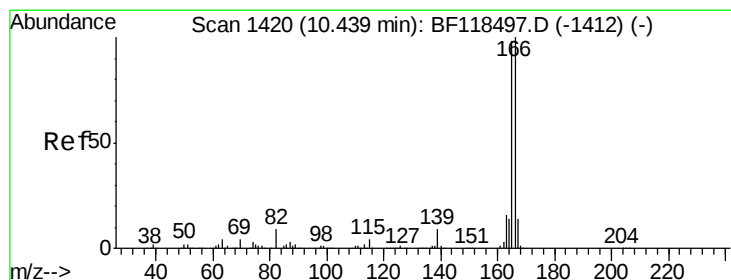
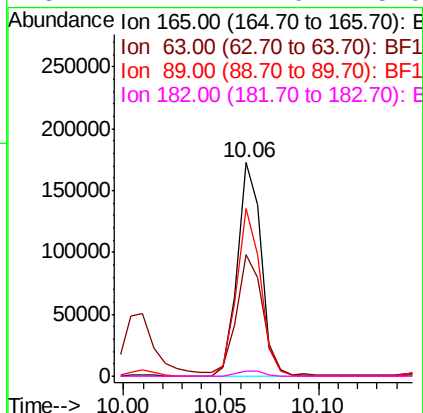
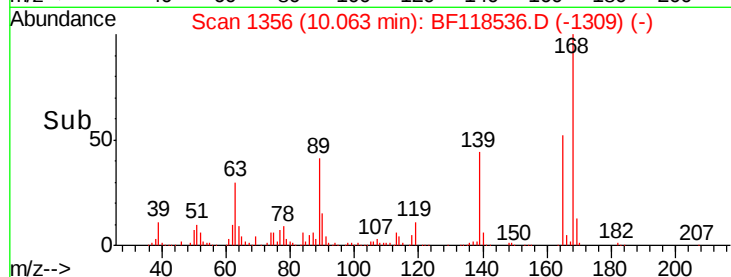
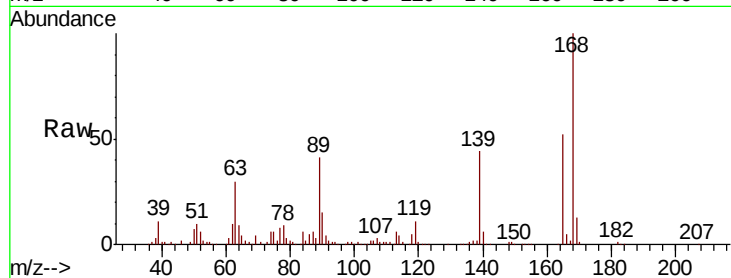




#57
2,4-Dinitrotoluene
Concen: 44.037 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

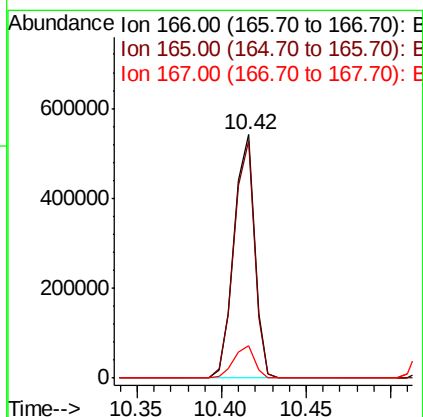
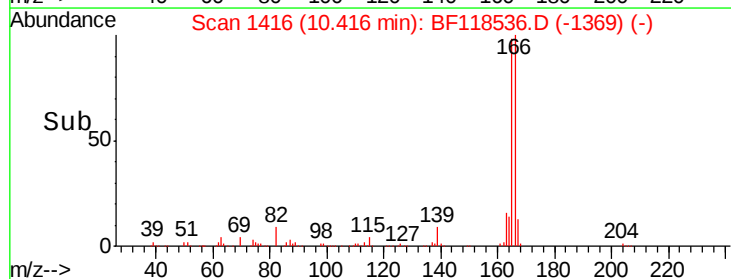
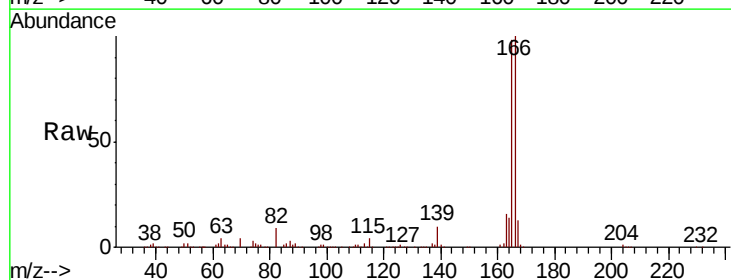
Instrument :
BNA_F
ClientSampleId :

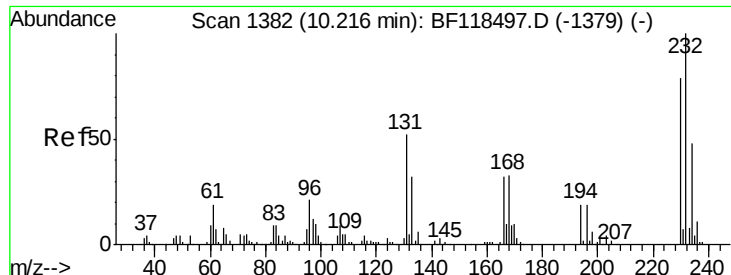
Tot Ion:165 Resp: 145789
Ion Ratio Lower Upper
165 100
63 56.9 44.1 66.1
89 78.4 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 43.318 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:166 Resp: 459876
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.1 10.8 16.2

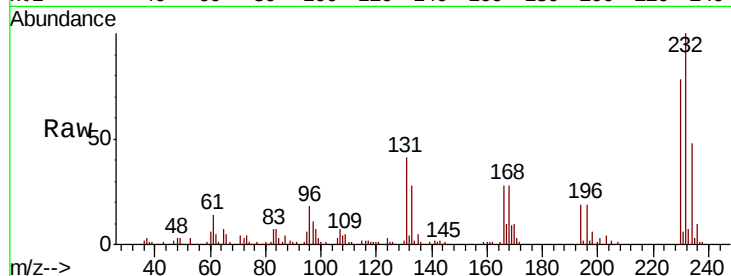




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.234 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	42.2	63.4
130	2.8	2.1	3.1
166	31.5	25.7	38.5



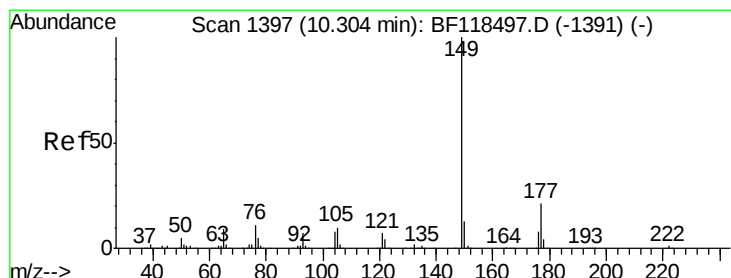
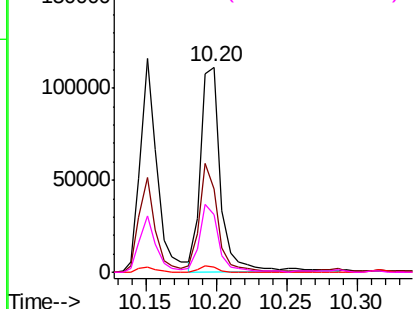
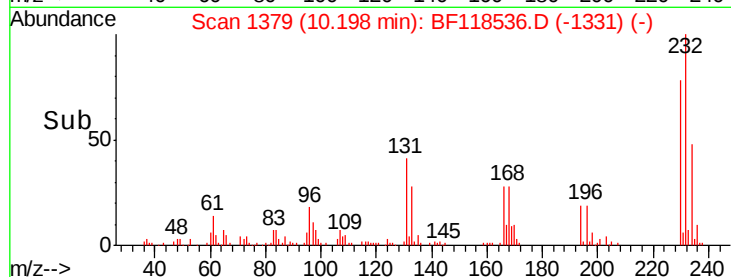
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

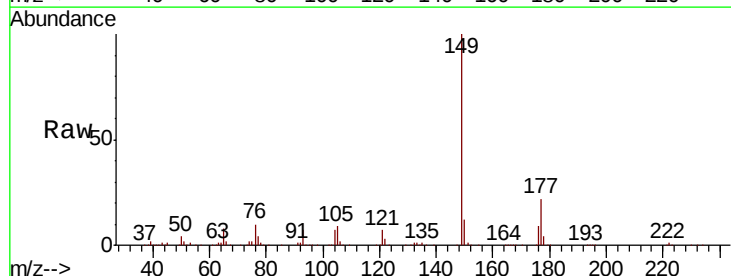
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.738 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.5	24.7
150	12.4	10.2	15.2

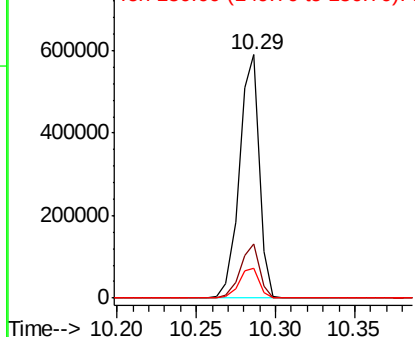
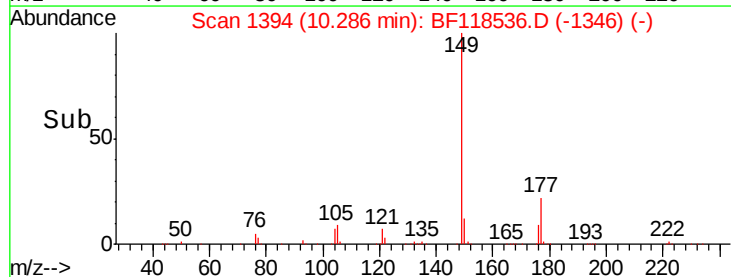


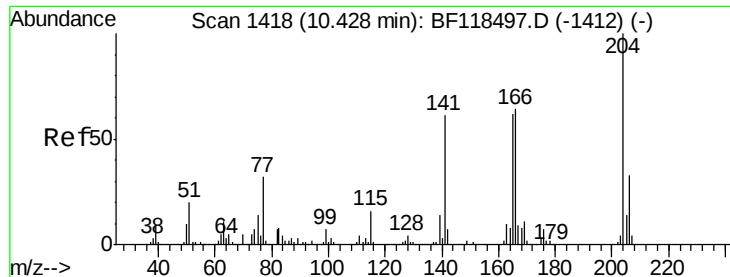
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

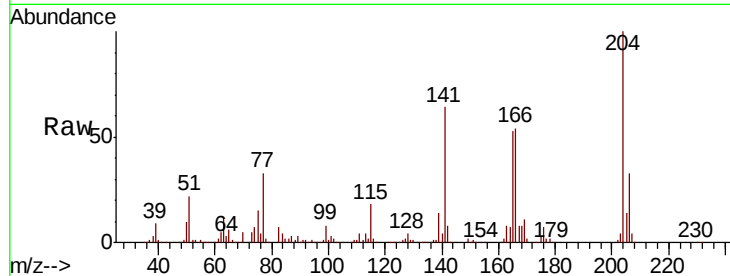




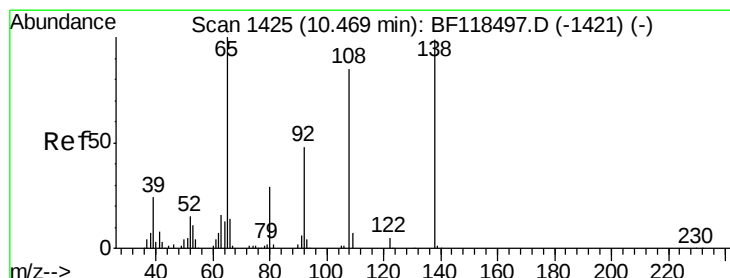
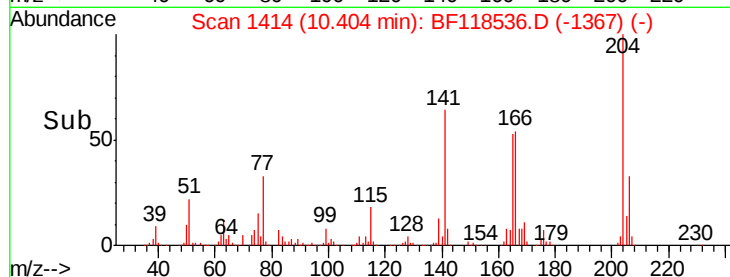
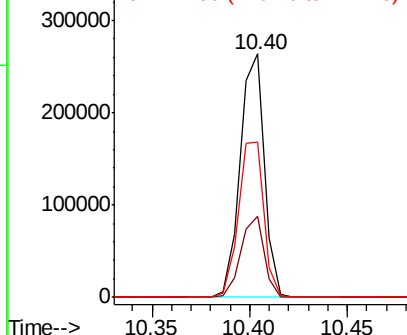
#61
4-Chlorophenyl-phenylether
Concen: 42.699 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 226495
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 63.8 49.0 73.6

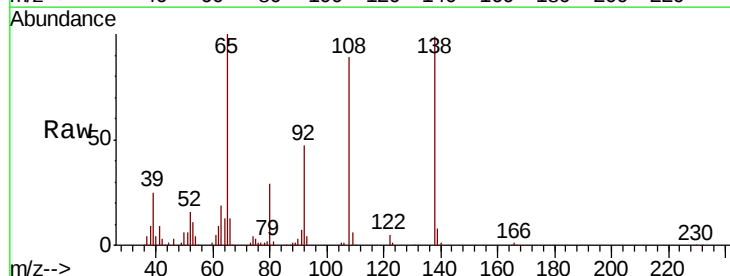


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

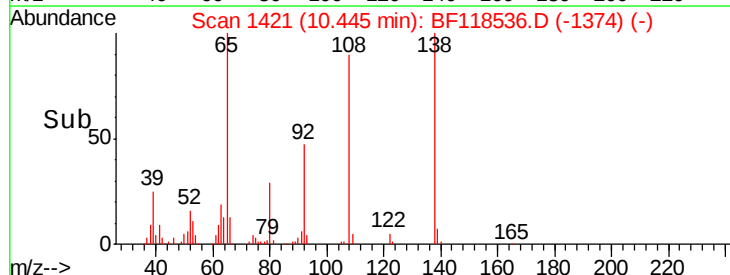
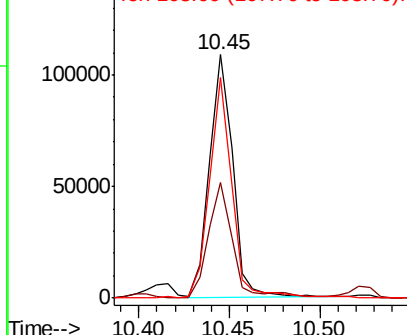


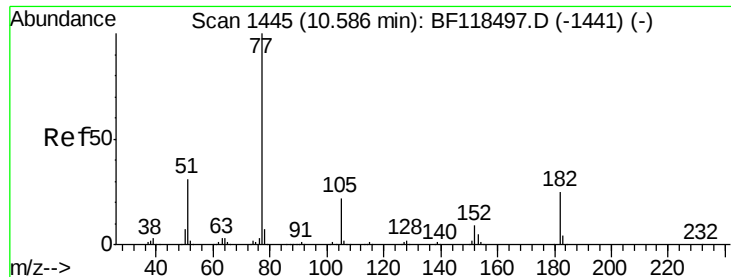
#62
4-Nitroaniline
Concen: 34.256 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:138 Resp: 97145
Ion Ratio Lower Upper
138 100
92 47.3 27.9 67.9
108 90.4 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

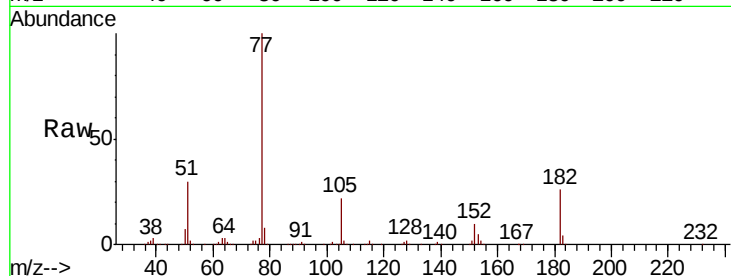




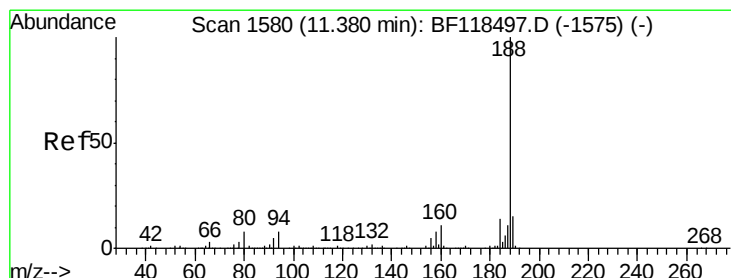
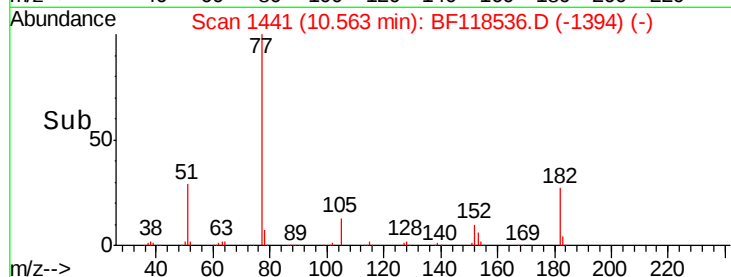
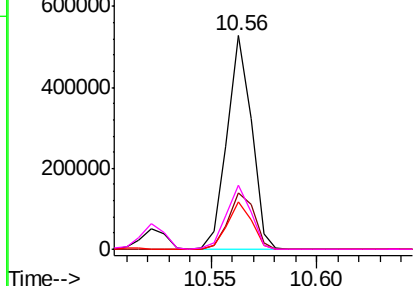
#63
Azobenzene
Concen: 42.478 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 421892
Ion Ratio Lower Upper
77 100
182 26.2 5.2 45.2
105 21.9 1.7 41.7
51 30.0 11.2 51.2

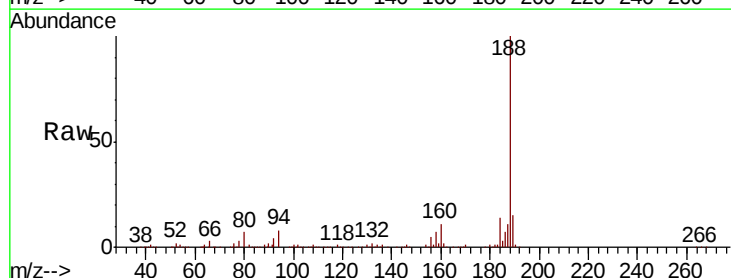


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

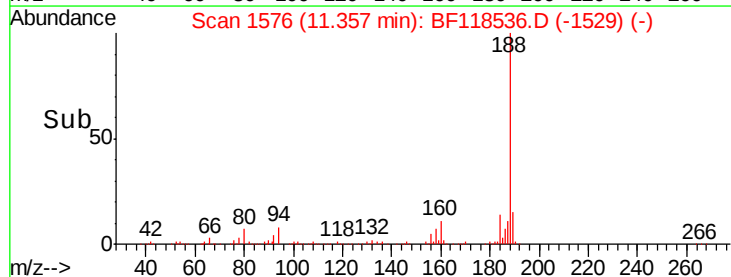
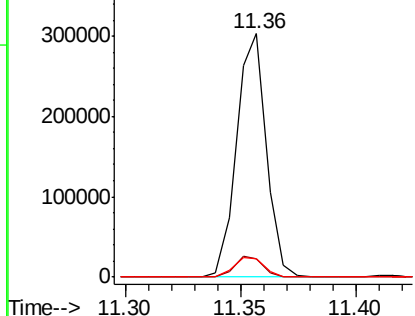


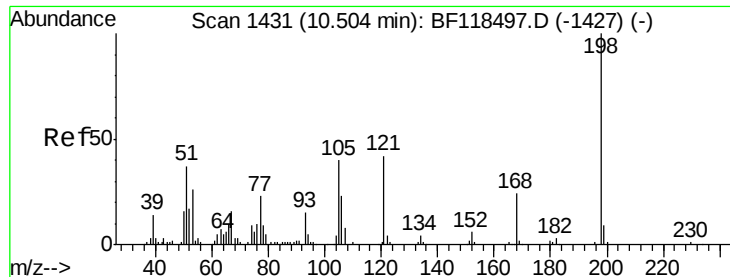
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion: 188 Resp: 271069
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.4
80 7.5 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: 43.653 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

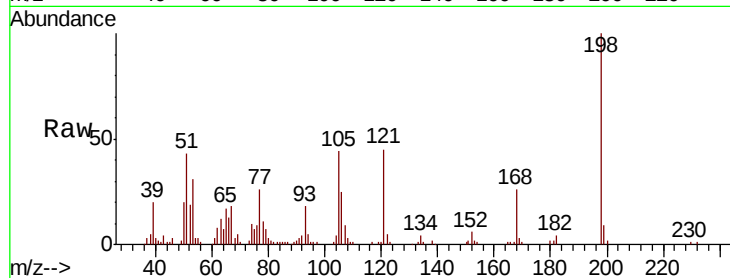
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 62553

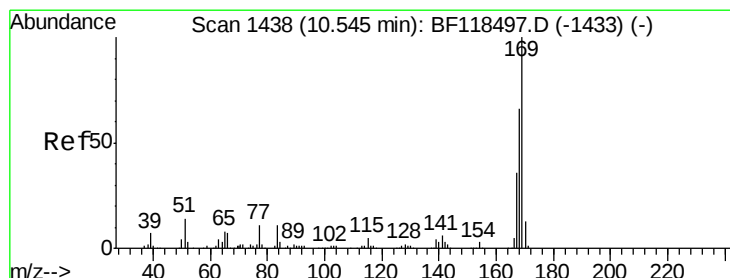
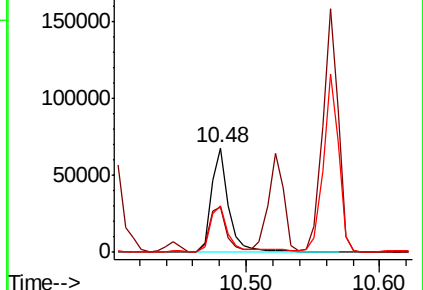
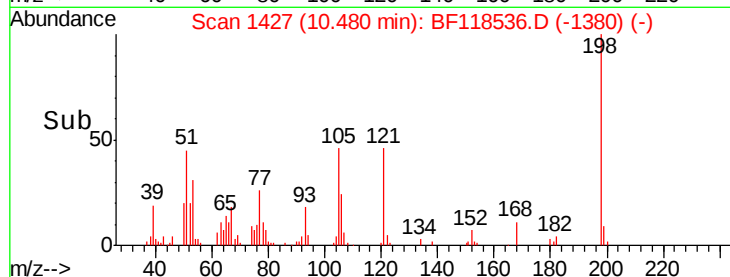
Ion	Ratio	Lower	Upper
198	100		
51	43.0	17.8	57.8
105	44.1	20.1	60.1



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: 45.370 ng

RT: 10.52 min Scan# 1434

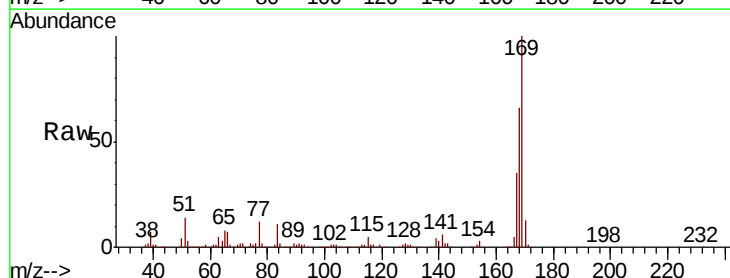
Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:169 Resp: 400499

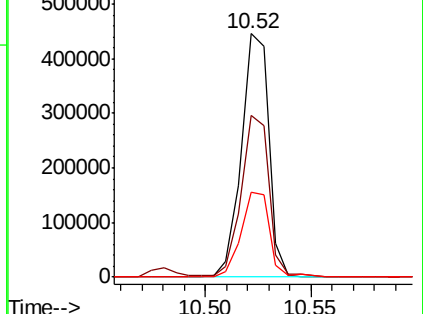
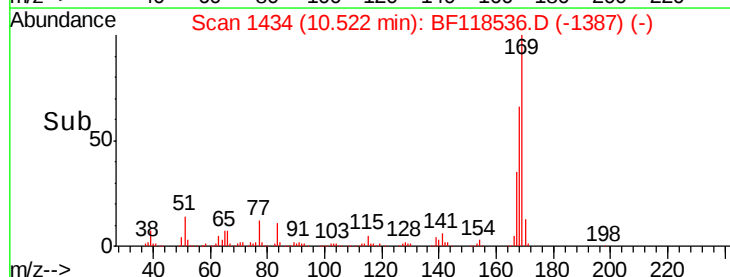
Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.4	80.2
167	34.7	28.9	43.3

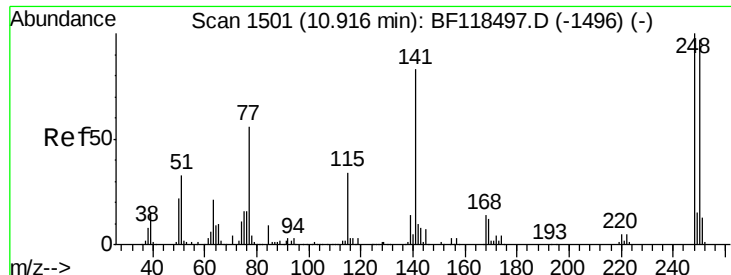


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

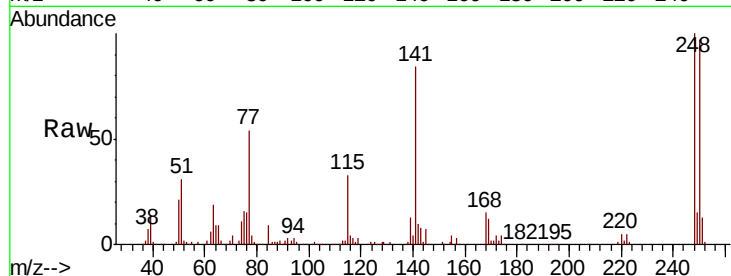




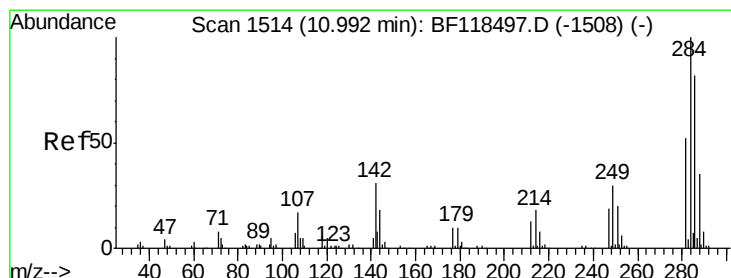
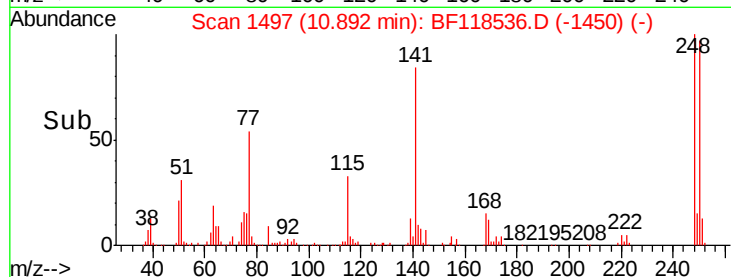
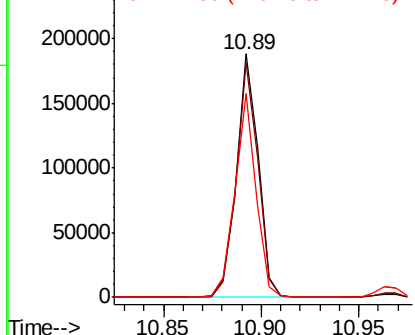
#67
4-Bromophenyl-phenylether
Concen: 45.770 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 145319
Ion Ratio Lower Upper
248 100
250 96.5 77.4 116.0
141 83.5 66.2 99.4

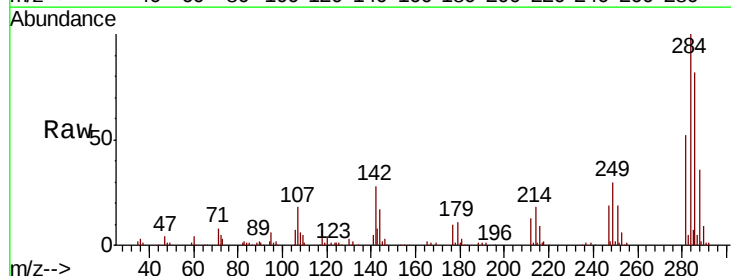


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

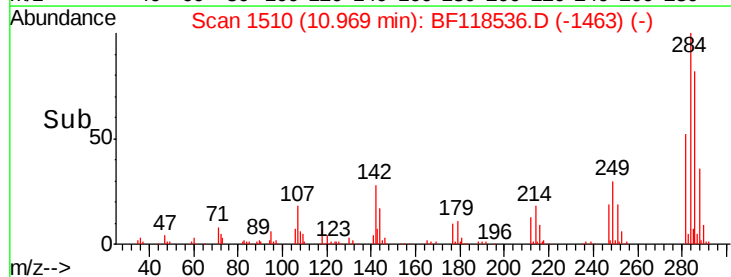
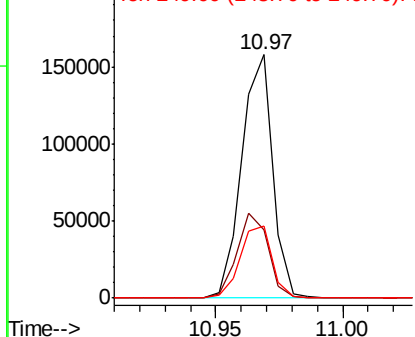


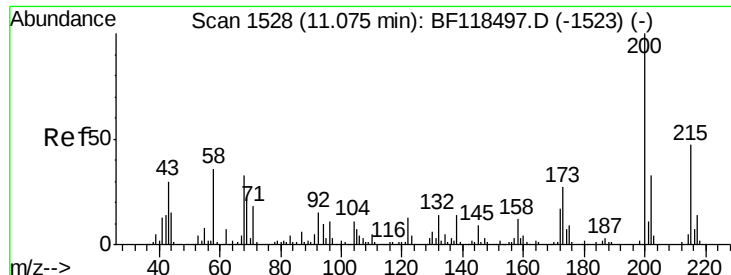
#68
Hexachlorobenzene
Concen: 35.233 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:284 Resp: 133588
Ion Ratio Lower Upper
284 100
142 28.1 24.6 37.0
249 29.8 24.0 36.0



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

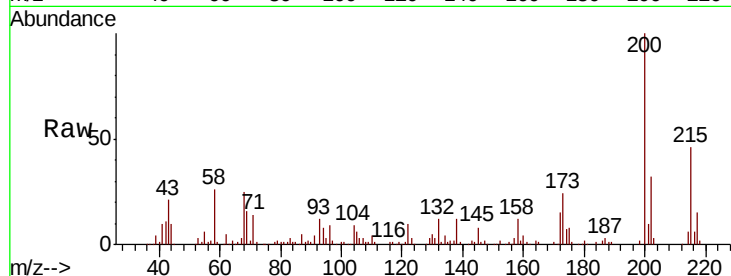




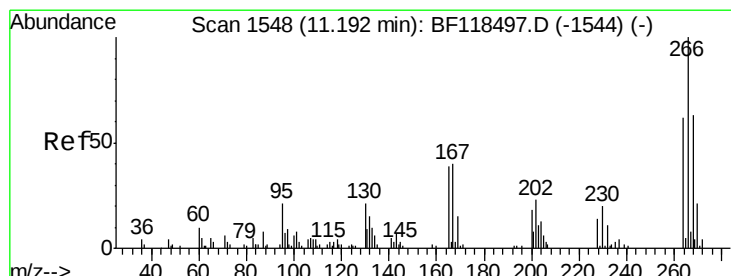
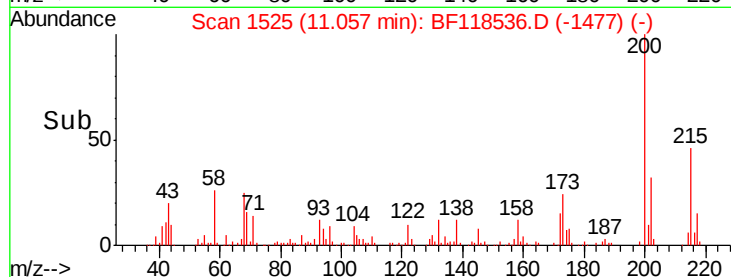
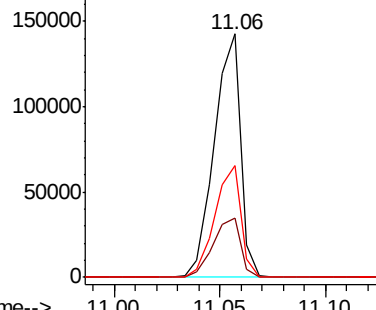
#69
Atrazine
Concen: 46.869 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	7.0	47.0
215	45.8	27.0	67.0

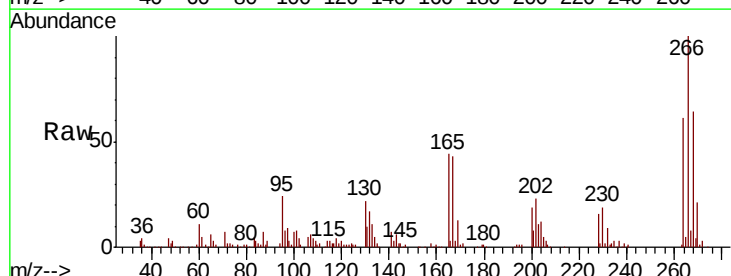


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

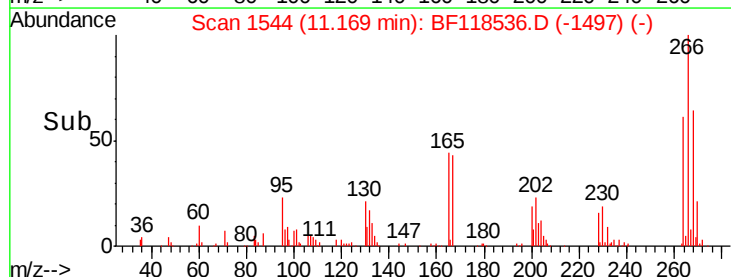
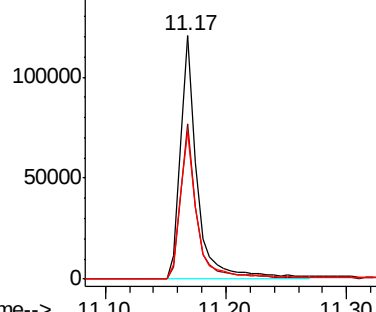


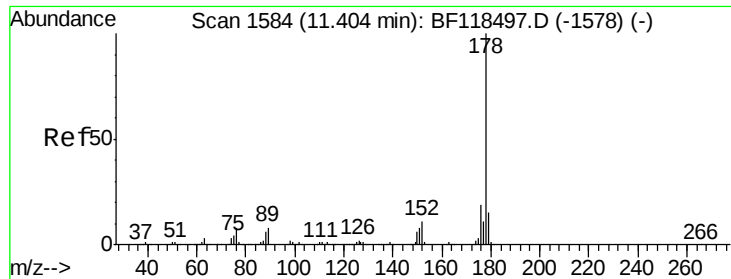
#70
Pentachlorophenol
Concen: 94.160 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.2	75.2
264	60.5	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

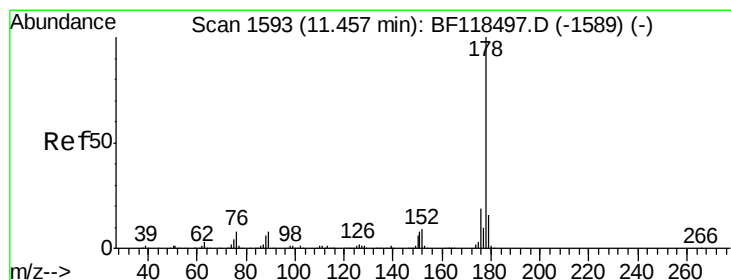
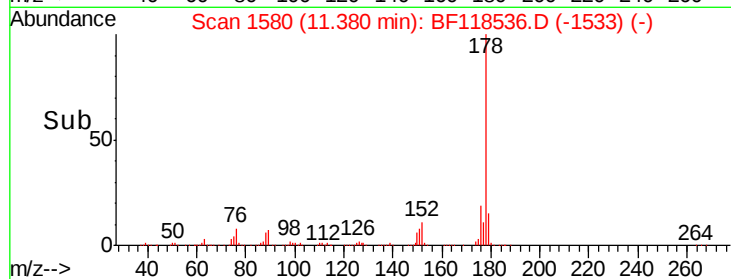
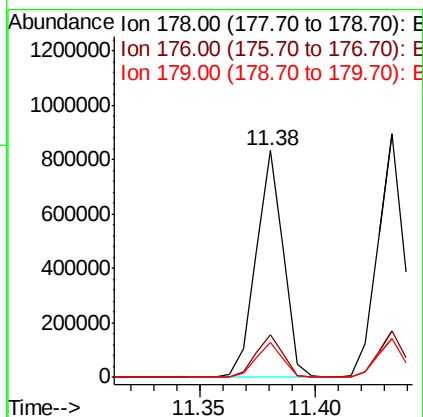
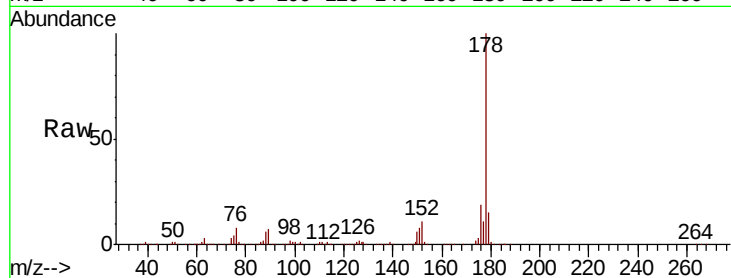




#71
Phenanthrene
Concen: 45.095 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

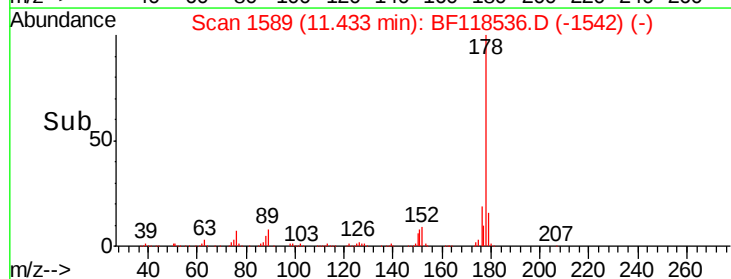
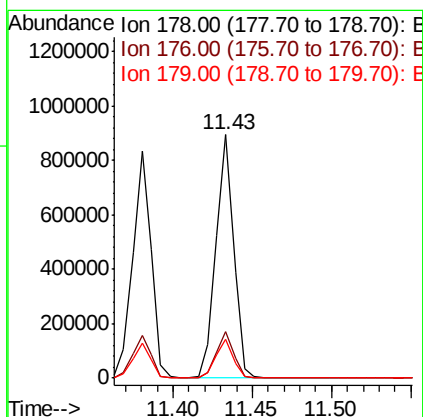
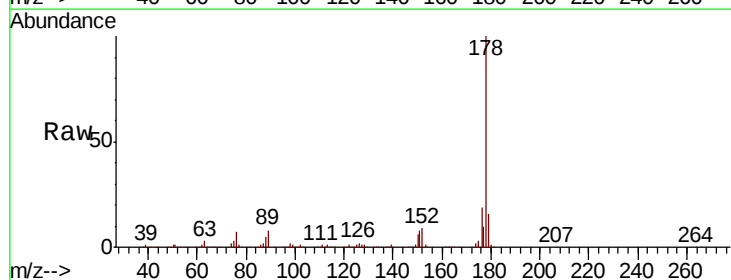
Instrument :
BNA_F
ClientSampled :

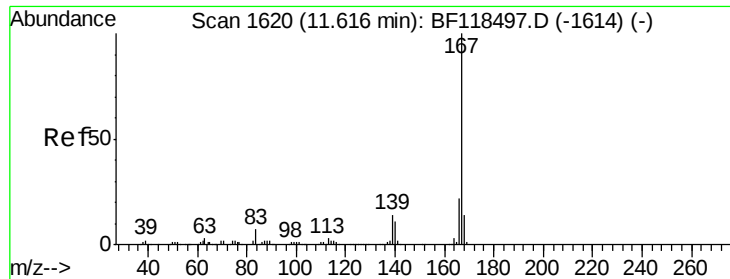
Tot Ion:178 Resp: 684761
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.2 12.3 18.5



#72
Anthracene
Concen: 46.277 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:178 Resp: 699088
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.8 12.6 19.0

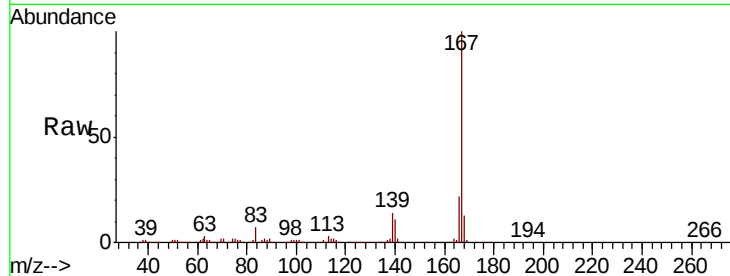




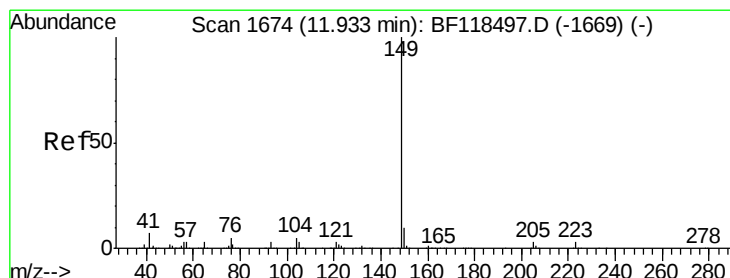
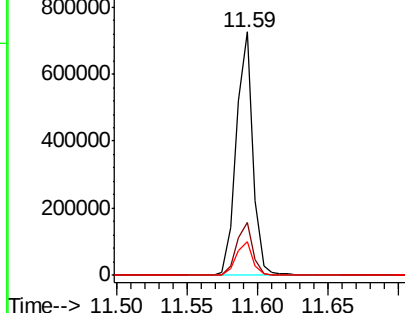
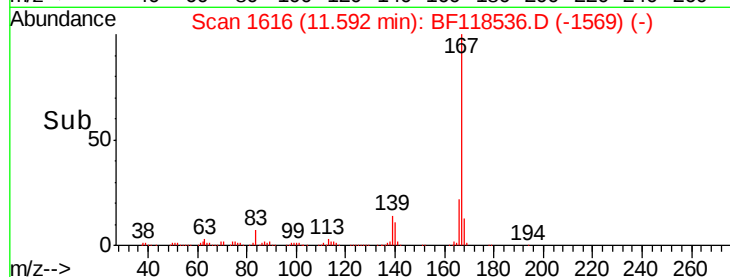
#73
 Carbazole
 Concen: 45.390 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 593984
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.6 10.9 16.3

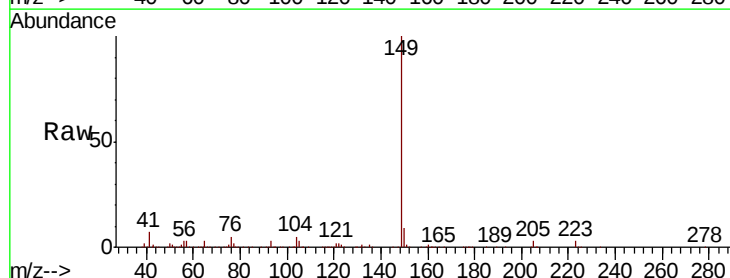


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

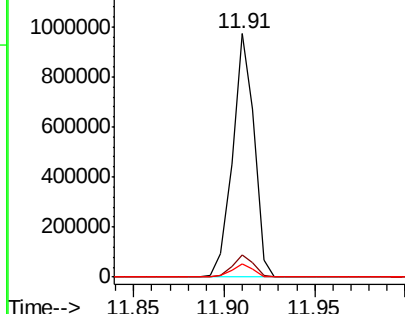
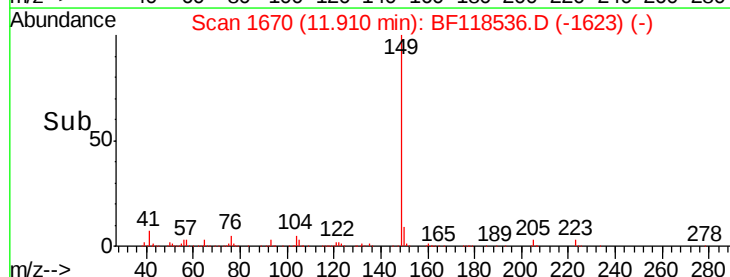


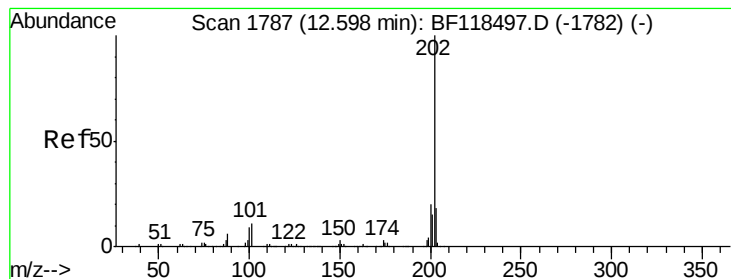
#74
 Di-n-butylphthalate
 Concen: 45.796 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion:149 Resp: 799512
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 5.4 4.2 6.4



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





#75

Fluoranthene

Concen: 37.916 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

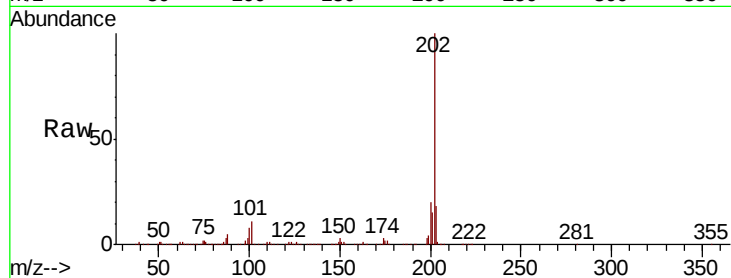
Tot Ion:202 Resp: 585193

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

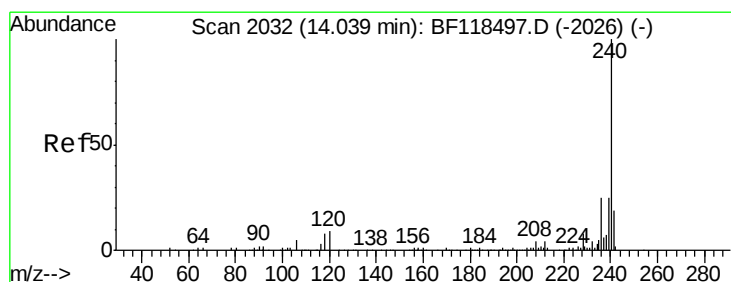
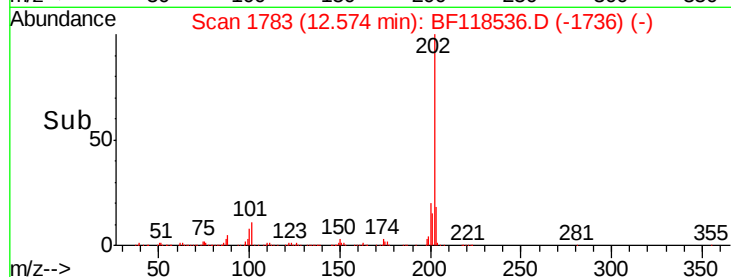
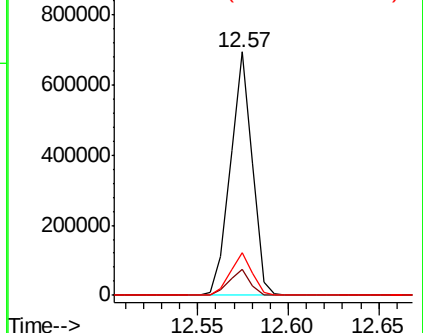
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

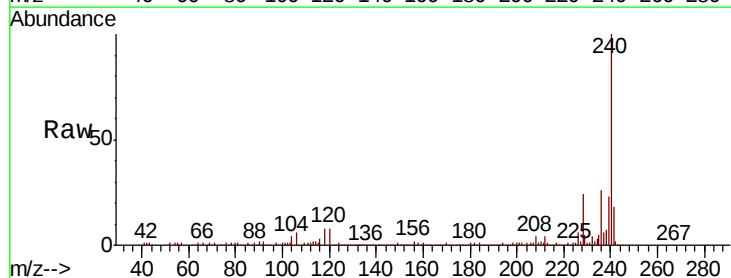
Tgt Ion:240 Resp: 180521

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

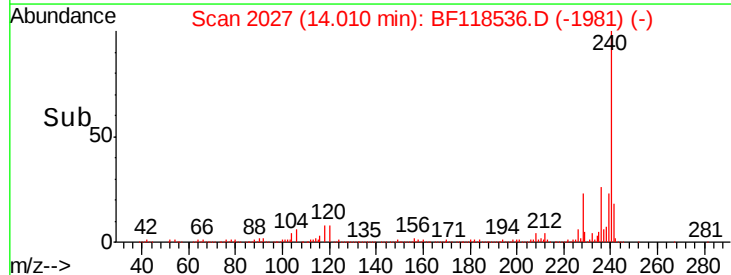
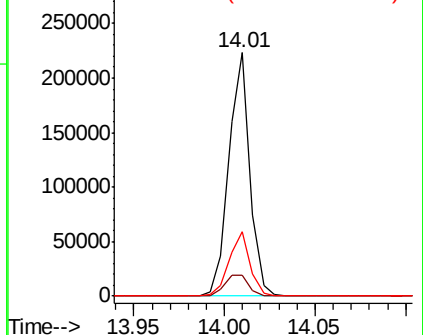
236 26.2 20.1 30.1

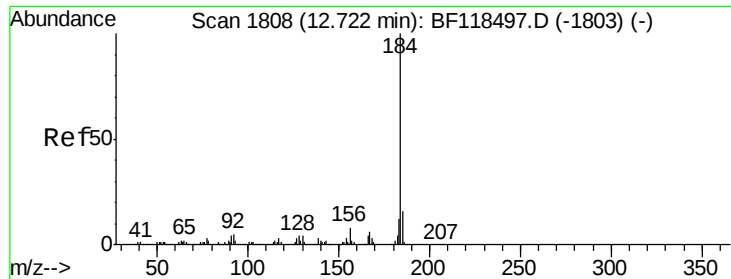


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.369 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

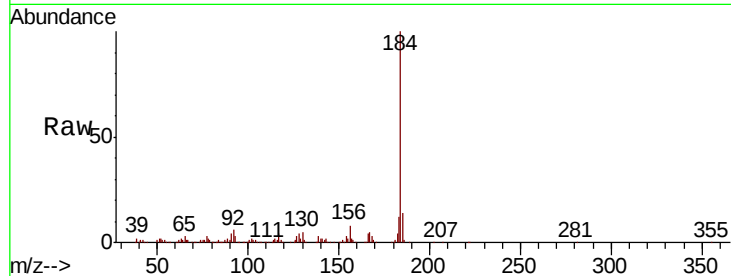
Tot Ion:184 Resp: 265001

Ion Ratio Lower Upper

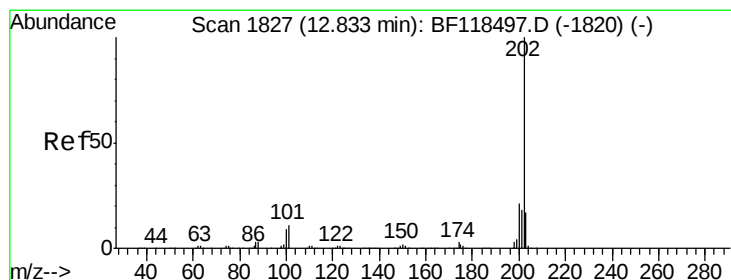
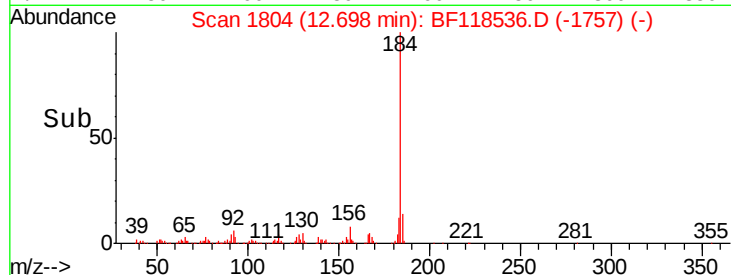
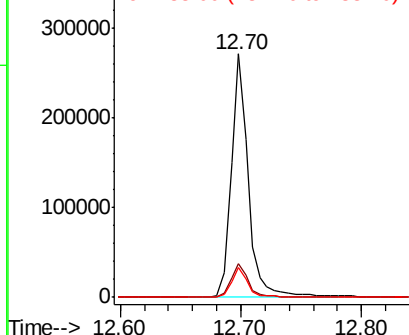
184 100

185 13.8 12.6 18.8

183 12.1 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: 41.986 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

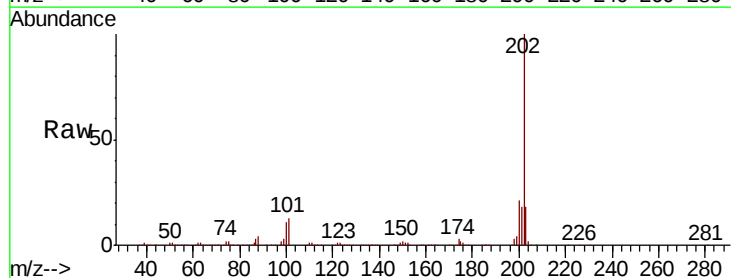
Tgt Ion:202 Resp: 623595

Ion Ratio Lower Upper

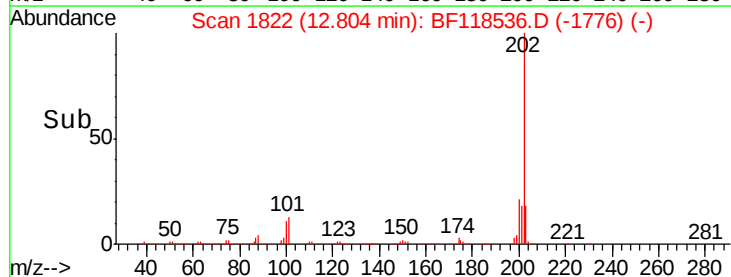
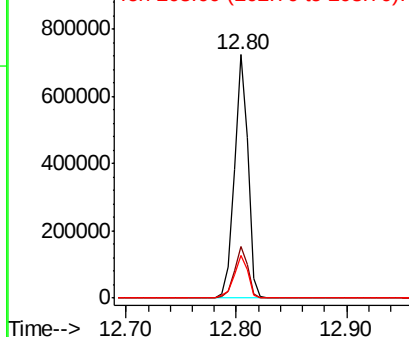
202 100

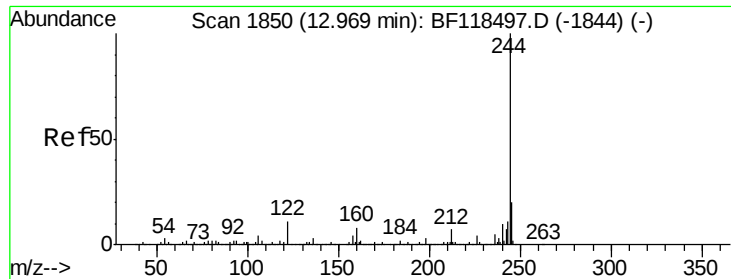
200 21.2 16.9 25.3

203 17.7 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: 49.793 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampled :

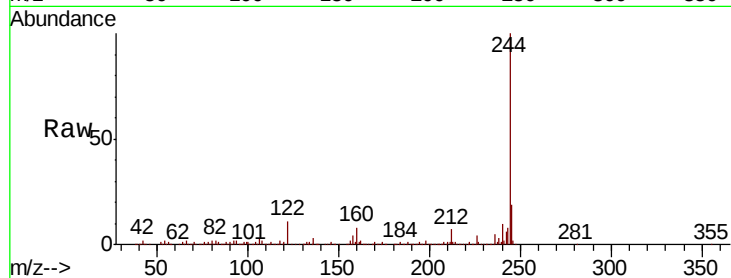
Tot Ion:244 Resp: 567221

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

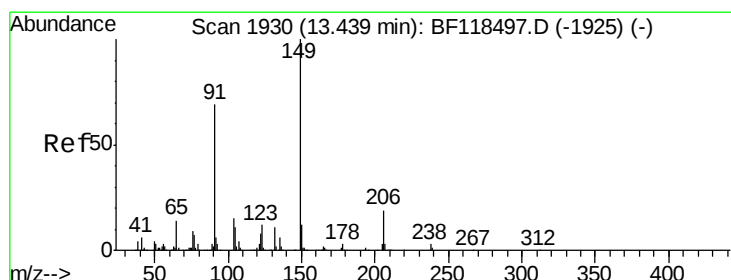
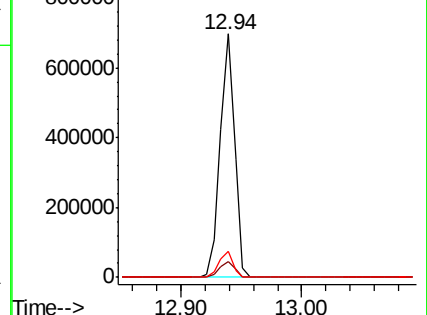
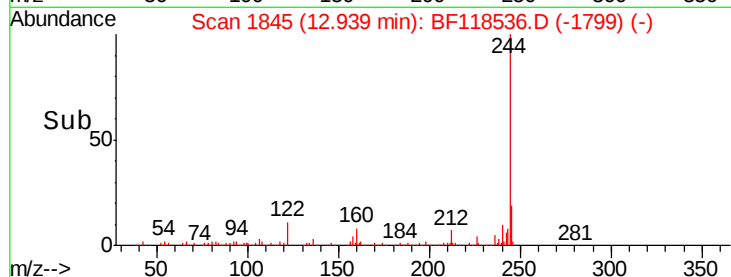
122 10.5 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 81.926 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

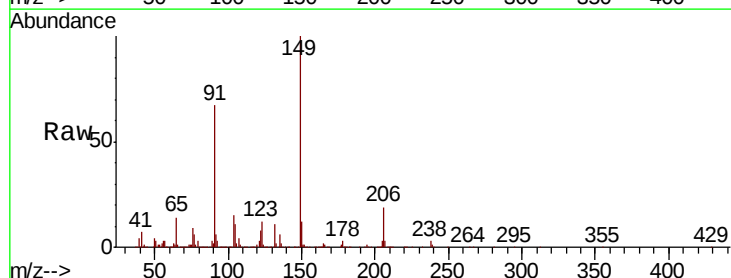
Tgt Ion:149 Resp: 557257

Ion Ratio Lower Upper

149 100

91 66.9 55.2 82.8

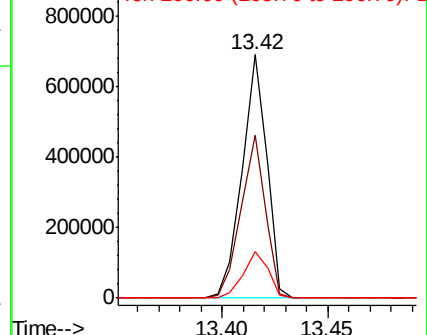
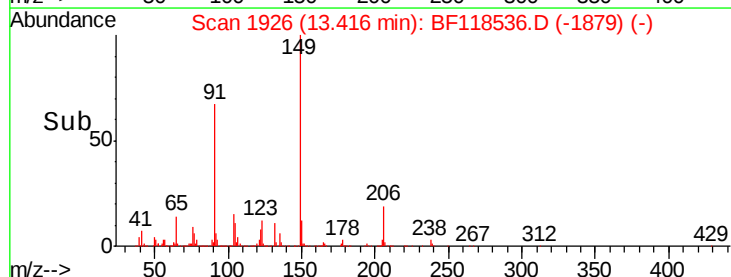
206 19.2 15.1 22.7

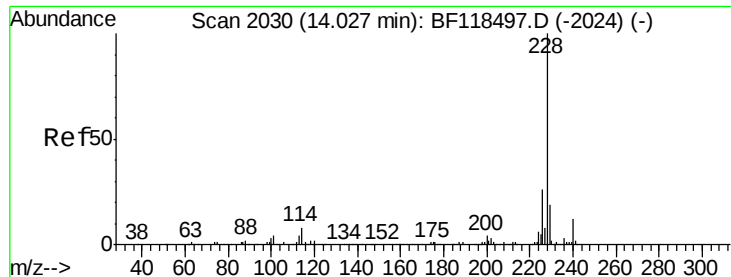


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

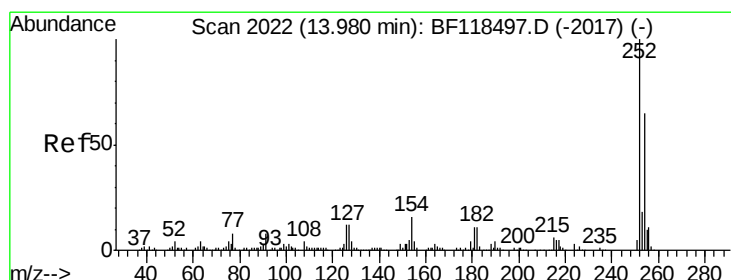
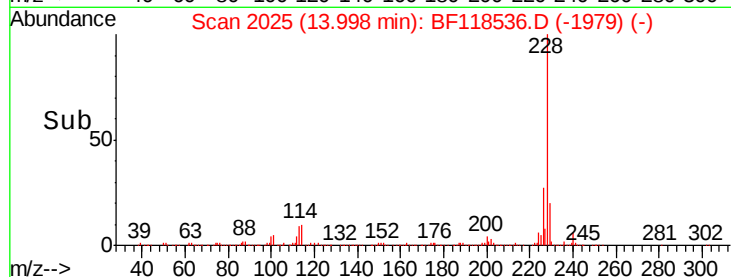
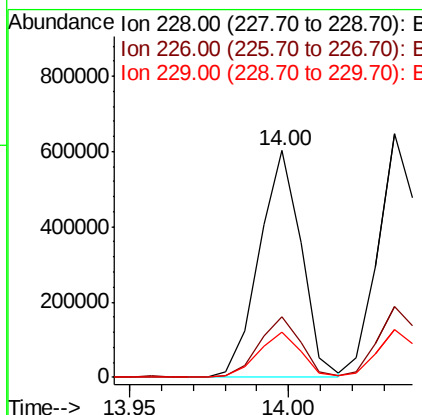
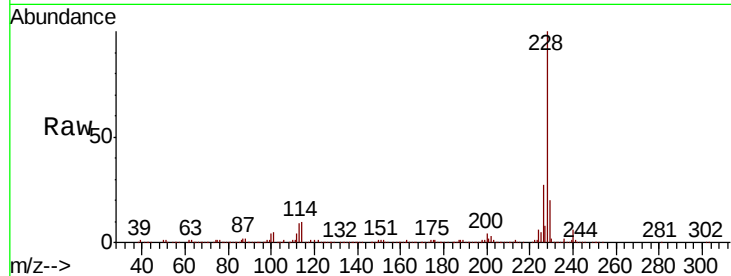




#81
Benzo(a)anthracene
Concen: 43.763 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

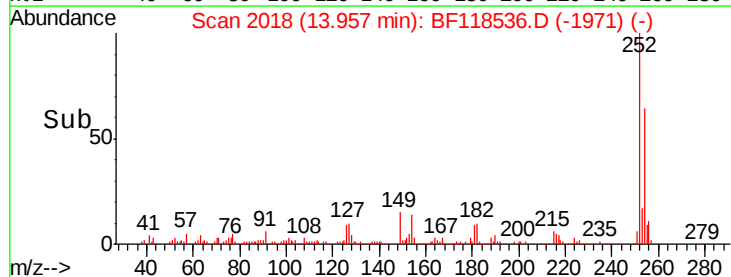
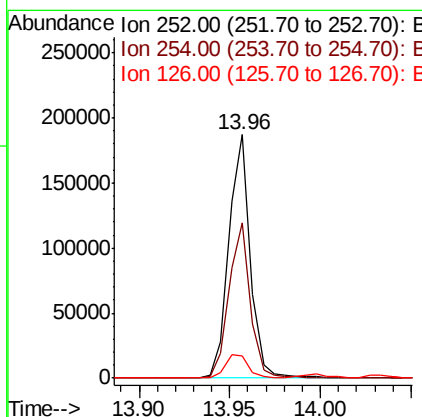
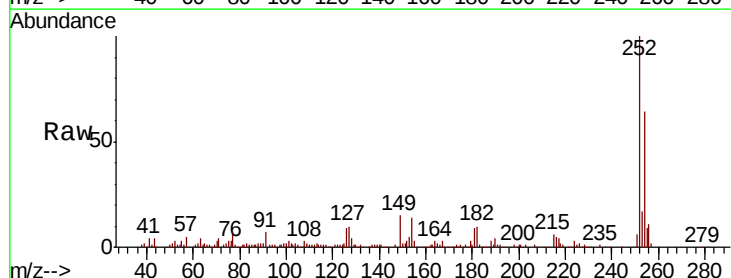
Instrument :
BNA_F
ClientSampleId :

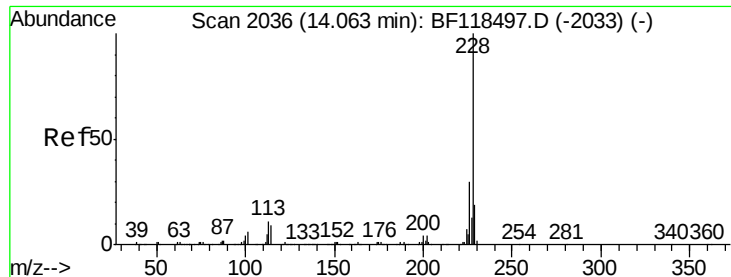
Tot Ion:228 Resp: 552968
Ion Ratio Lower Upper
228 100
226 26.8 20.7 31.1
229 19.7 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 37.626 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:252 Resp: 154602
Ion Ratio Lower Upper
252 100
254 64.0 52.1 78.1
126 9.2 9.6 14.4#





#83

Chrysene

Concen: 44.441 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.03 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

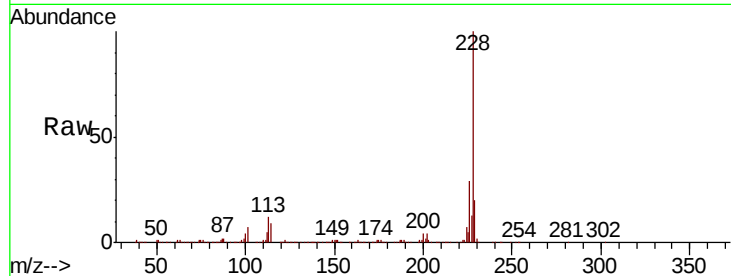
Tot Ion:228 Resp: 545668

Ion Ratio Lower Upper

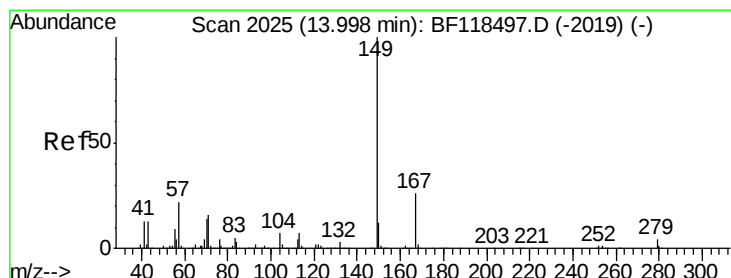
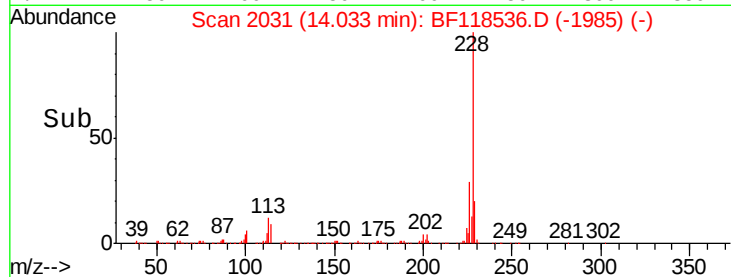
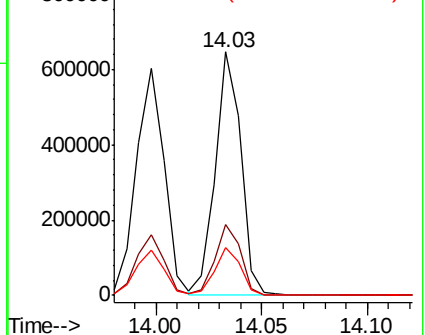
228 100

226 29.0 23.6 35.4

229 19.7 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.581 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

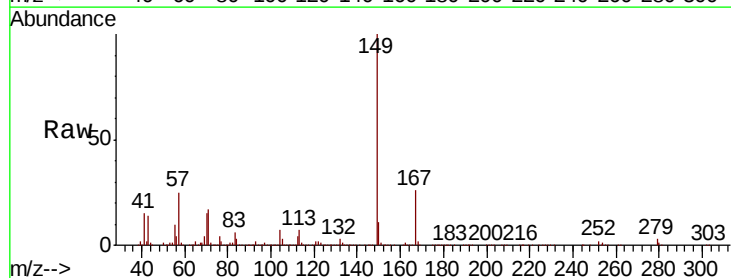
Tgt Ion:149 Resp: 476382

Ion Ratio Lower Upper

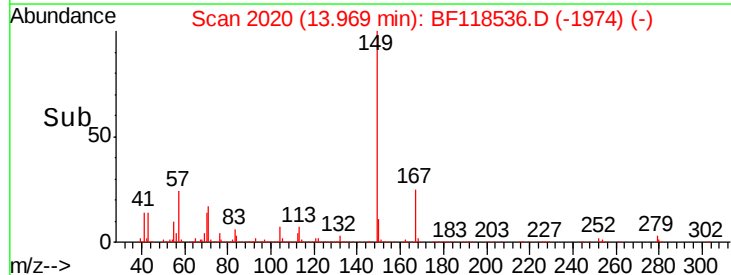
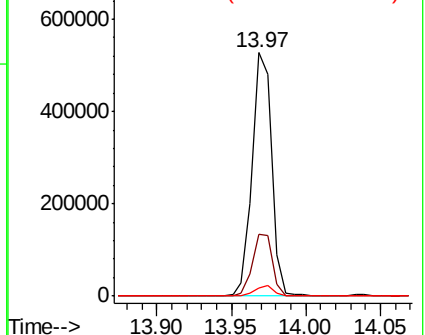
149 100

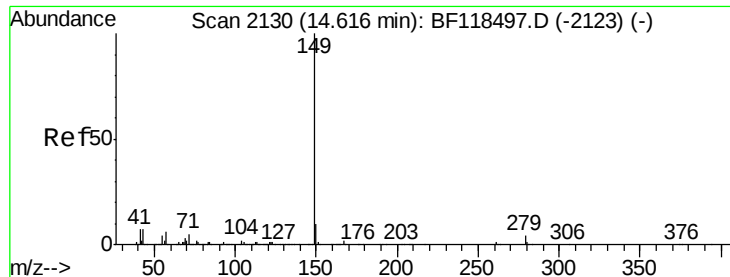
167 25.5 20.6 30.8

279 3.4 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.593 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.03 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampled :

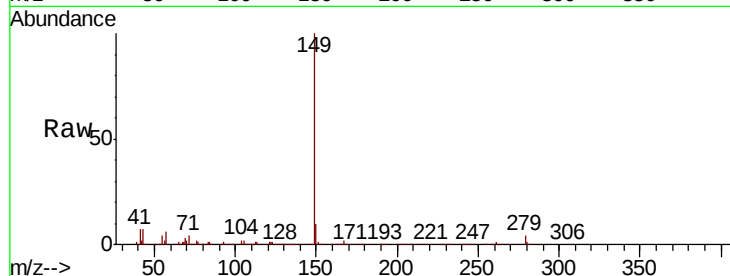
Tot Ion:149 Resp: 709945

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

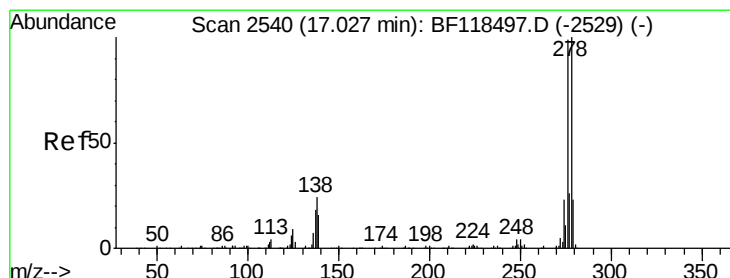
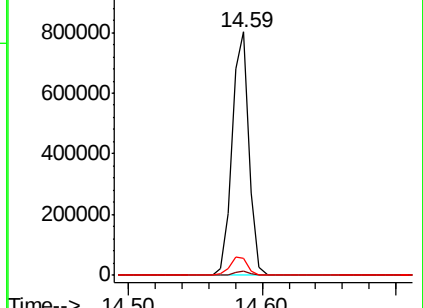
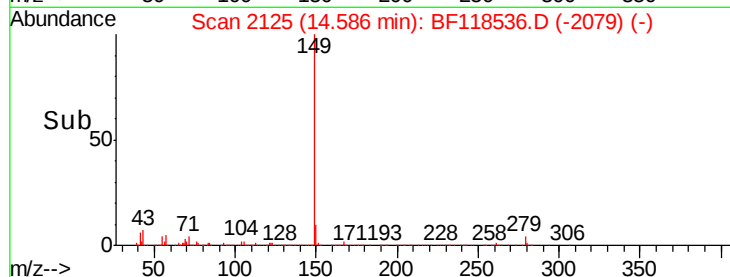
43 7.4 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 69.065 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

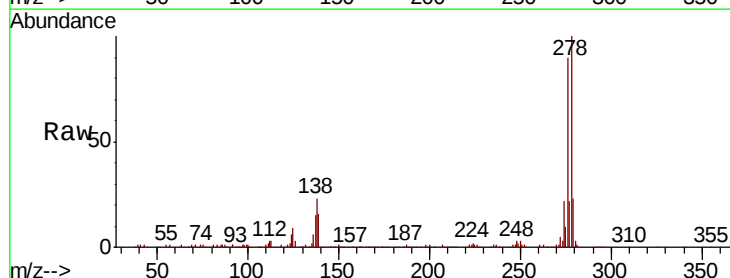
Tgt Ion:276 Resp: 682727

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

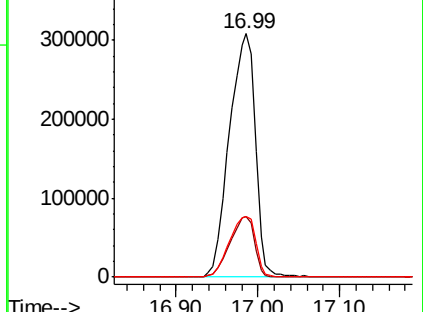
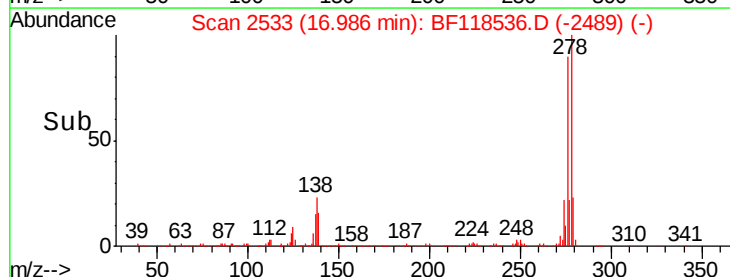
277 25.6 20.5 30.7

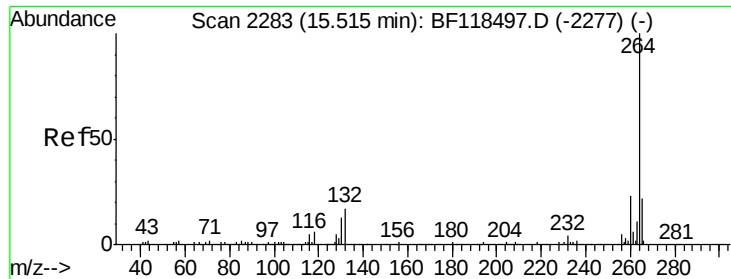


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

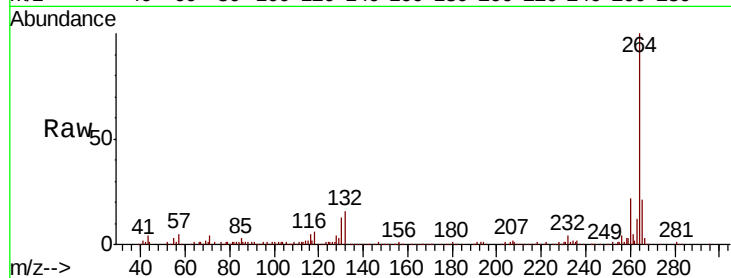




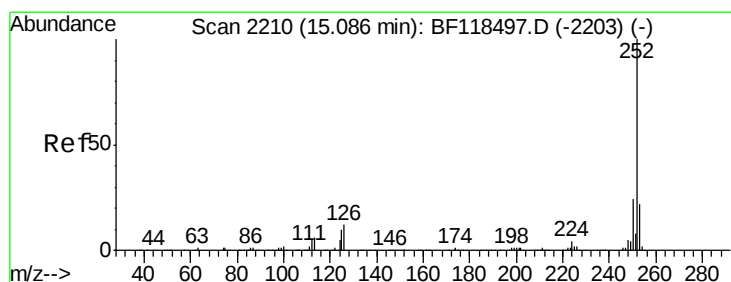
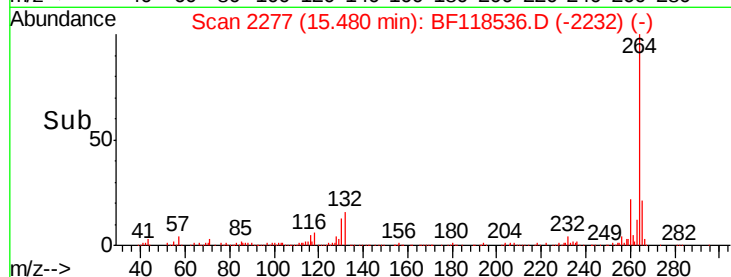
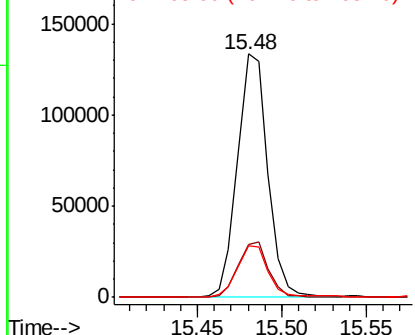
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 168270
Ion Ratio Lower Upper
264 100
260 21.7 18.8 28.2
265 21.1 17.5 26.3

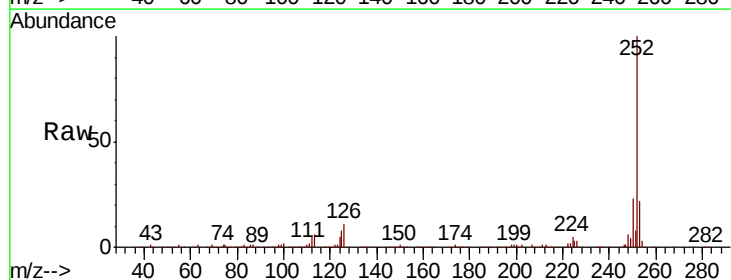


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

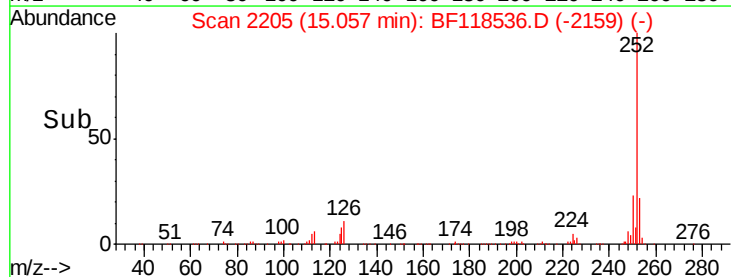
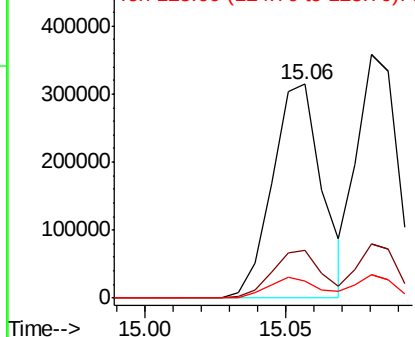


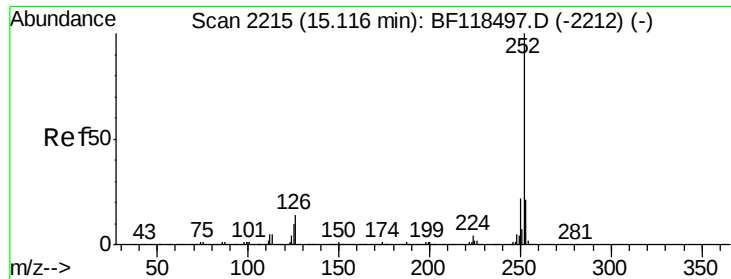
#88
Benzo(b)fluoranthene
Concen: 31.670 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:252 Resp: 385286
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.2 7.8 11.6



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

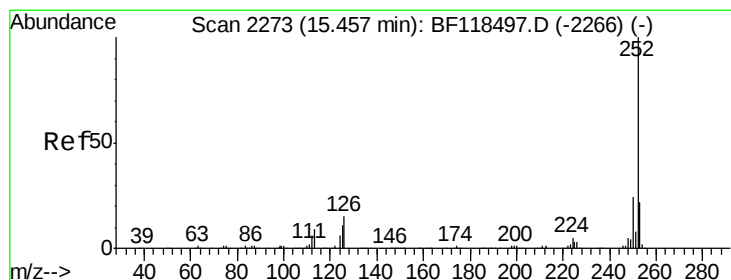
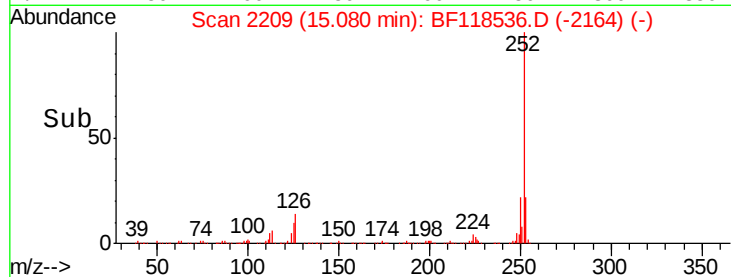
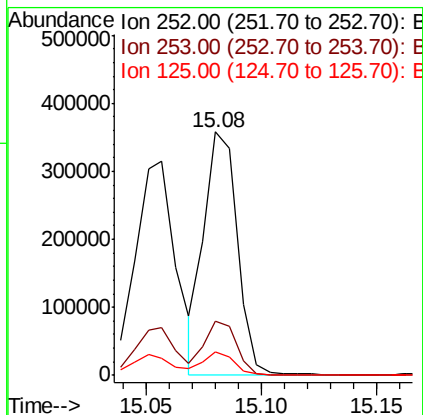
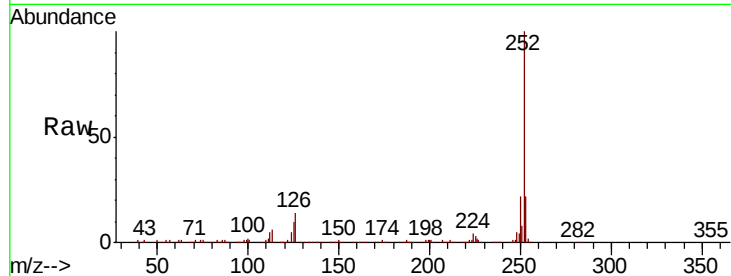




#89
Benzo(k)fluoranthene
Concen: 30.848 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

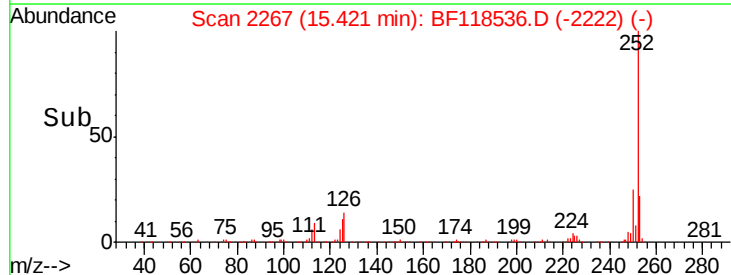
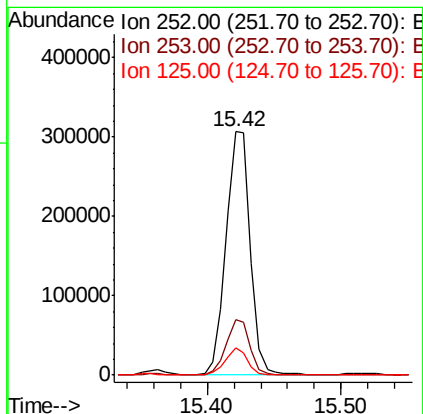
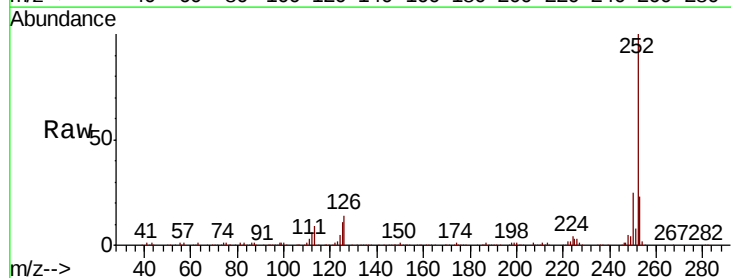
Instrument :
BNA_F
ClientSampleId :

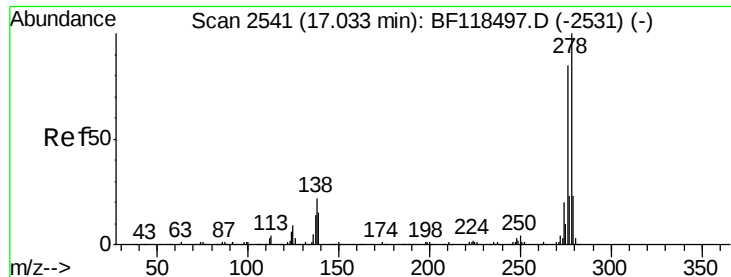
Tot Ion:252 Resp: 358222
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 9.6 7.8 11.6



#90
Benzo(a)pyrene
Concen: 39.359 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:252 Resp: 392395
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 61.742 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.05 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

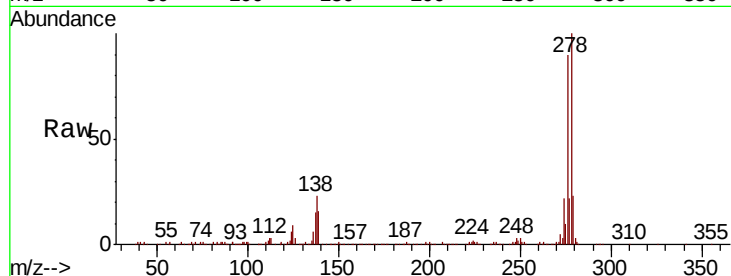
Tot Ion:278 Resp: 577185

Ion Ratio Lower Upper

278 100

139 15.7 11.9 17.9

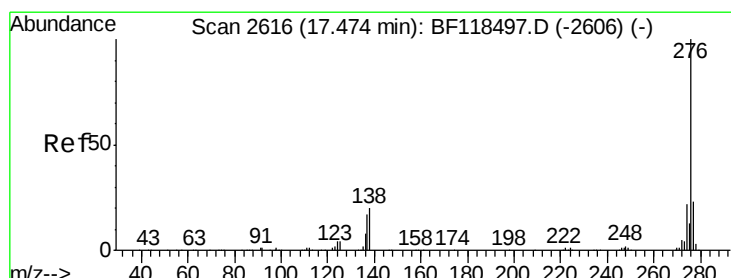
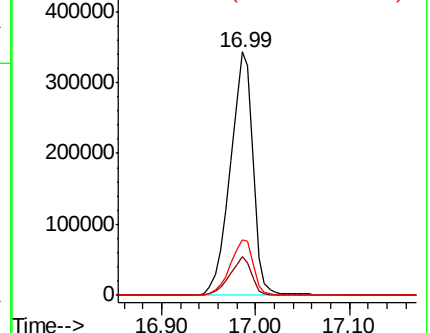
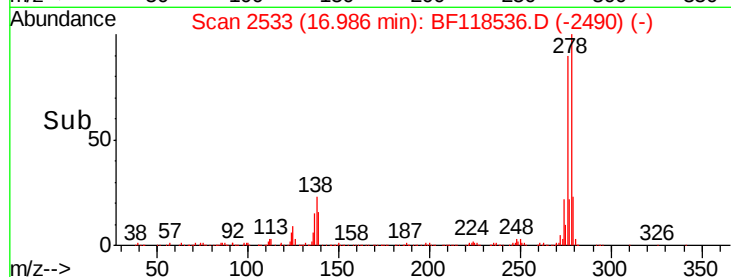
279 22.7 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 63.583 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.04 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

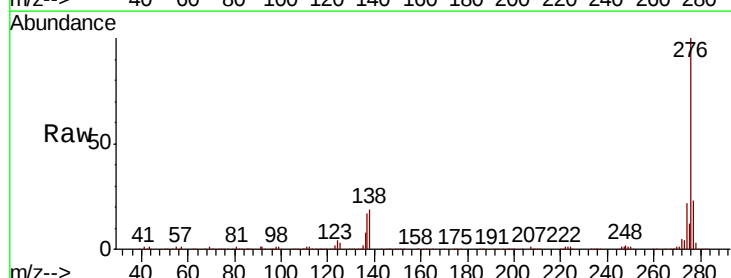
Tgt Ion:276 Resp: 563193

Ion Ratio Lower Upper

276 100

277 23.4 18.2 27.4

138 18.9 16.3 24.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

