

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118592.D
 Acq On : 20 Jan 2020 15:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:39:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	446029	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1655757	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	962019	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1788121	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1407147	20.00	ng	0.00
87) Perylene-d12	15.52	264	1149147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1999388	83.25	ng	0.00
7) Phenol-d6	6.50	99	2612661	83.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	2493905	84.25	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	980360	88.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4414539	75.42	ng	0.00
79) Terphenyl-d14	12.99	244	5251654	81.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	476519	40.967	ng	99
3) Pyridine	3.42	79	1332994	40.659	ng	99
4) n-Nitrosodimethylamine	3.36	42	575345	40.934	ng	98
6) Aniline	6.55	93	1706681	41.524	ng	99
8) 2-Chlorophenol	6.67	128	1136493	42.161	ng	99
9) Benzaldehyde	6.43	77	805076	42.410	ng	99
10) Phenol	6.52	94	1375638	38.672	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	1103025	41.794	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1329159	42.128	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1335897	42.180	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1274612	42.812	ng	99
15) Benzyl Alcohol	7.02	79	1046900	42.293	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1550979	42.191	ng	100
17) 2-Methylphenol	7.13	107	943690	42.029	ng	99
18) Hexachloroethane	7.40	117	484802	42.215	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	901909	42.792	ng	98
20) 3+4-Methylphenols	7.28	107	1187666	43.324	ng	# 83
22) Acetophenone	7.29	105	1657933	42.269	ng	98
24) Nitrobenzene	7.46	77	1274608	42.052	ng	98
25) Isophorone	7.70	82	2228428	41.273	ng	99
26) 2-Nitrophenol	7.78	139	556514	43.055	ng	96
27) 2,4-Dimethylphenol	7.81	122	896198	40.152	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1454237	41.801	ng	99
29) 2,4-Dichlorophenol	8.02	162	1029638	41.730	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	1184733	41.411	ng	100
31) Naphthalene	8.19	128	3217488	43.017	ng	99
32) Benzoic acid	7.93	122	728094	43.465	ng	98
33) 4-Chloroaniline	8.23	127	1461709	42.282	ng	97
34) Hexachlorobutadiene	8.31	225	728271	41.801	ng	99
35) Caprolactam	8.60	113	335852	41.594	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	1025642	42.094	ng	97
37) 2-Methylnaphthalene	8.88	142	2269692	42.990	ng	100
38) 1-Methylnaphthalene	8.98	142	2155170	42.968	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1249555	41.512	ng	100

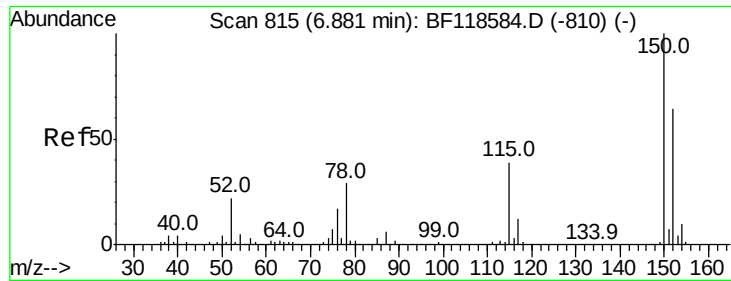
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118592.D
 Acq On : 20 Jan 2020 15:34
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:39:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	610789	40.218	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	821612	41.133	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	840990	41.225	ng	99
46) 1,1'-Biphenyl	9.35	154	2778108	41.901	ng	99
47) 2-Chloronaphthalene	9.37	162	2323582	41.578	ng	99
48) 2-Nitroaniline	9.46	65	727693	42.360	ng	98
49) Acenaphthylene	9.79	152	3305543	42.045	ng	100
50) Dimethylphthalate	9.65	163	2646735	42.228	ng	100
51) 2,6-Dinitrotoluene	9.70	165	602731	42.945	ng	97
52) Acenaphthene	9.96	154	2234783	42.511	ng	100
53) 3-Nitroaniline	9.87	138	687355	42.889	ng	98
54) 2,4-Dinitrophenol	9.97	184	250664	44.736	ng	# 58
55) Dibenzofuran	10.13	168	3129779	42.961	ng	100
56) 4-Nitrophenol	10.02	139	521649	43.118	ng	97
57) 2,4-Dinitrotoluene	10.10	165	787463	44.507	ng	96
58) Fluorene	10.47	166	2467948	43.152	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	762571	42.500	ng	100
60) Diethylphthalate	10.35	149	2611266	42.970	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	1339826	43.073	ng	100
62) 4-Nitroaniline	10.48	138	700588	42.618	ng	99
63) Azobenzene	10.62	77	2523832	42.883	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	337649	42.943	ng	97
66) n-Nitrosodiphenylamine	10.58	169	2260969	41.928	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	928350	42.023	ng	# 95
68) Hexachlorobenzene	11.02	284	1058018	42.243	ng	97
69) Atrazine	11.10	200	792480	42.400	ng	99
70) Pentachlorophenol	11.21	266	592329	42.536	ng	99
71) Phenanthrene	11.43	178	3631824	42.100	ng	99
72) Anthracene	11.49	178	3607093	42.257	ng	100
73) Carbazole	11.63	167	3294555	42.078	ng	99
74) Di-n-butylphthalate	11.97	149	3768125	43.318	ng	98
75) Fluoranthene	12.62	202	3878378	42.626	ng	99
77) Benzidine	12.73	184	1693561	45.044	ng	96
78) Pyrene	12.85	202	3889513	40.714	ng	100
80) Butylbenzylphthalate	13.46	149	1662116	42.512	ng	95
81) Benzo(a)anthracene	14.03	228	3483072	41.148	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	1260966	41.806	ng	99
83) Chrysene	14.07	228	3359601	41.412	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2070865	43.354	ng	100
85) Di-n-octyl phthalate	14.64	149	3092000	43.732	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2554557	36.240	ng	100
88) Benzo(b)fluoranthene	15.09	252	2973914	41.172	ng	99
89) Benzo(k)fluoranthene	15.12	252	2947031	44.038	ng	99
90) Benzo(a)pyrene	15.45	252	2590865	41.580	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	2126107	38.575	ng	98
92) Benzo(g,h,i)perylene	17.43	276	2024569	37.832	ng	98

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

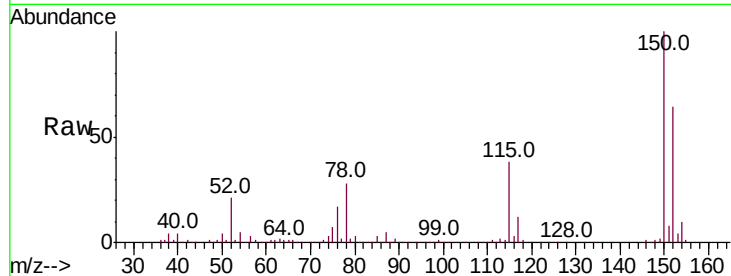


#1

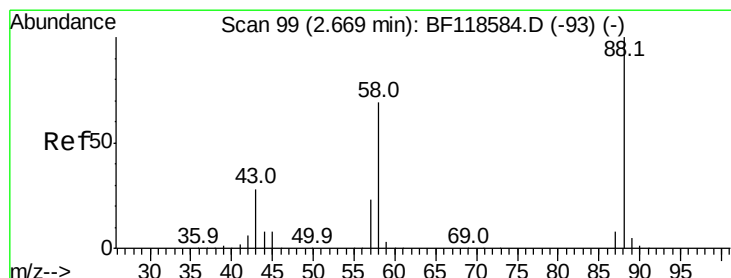
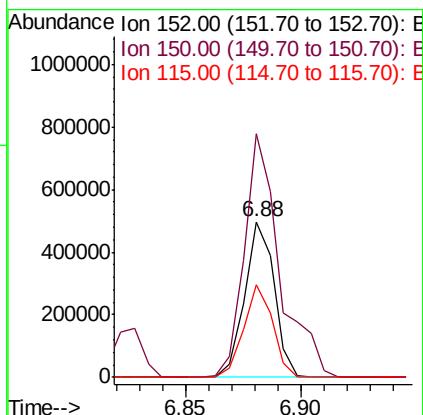
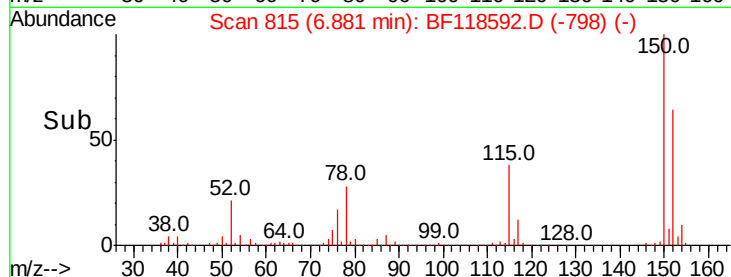
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 446029
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 59.8 48.4 72.6



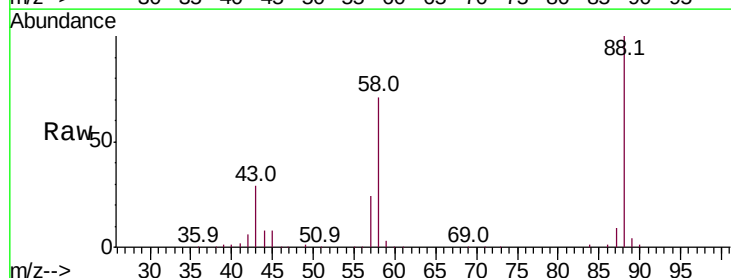
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



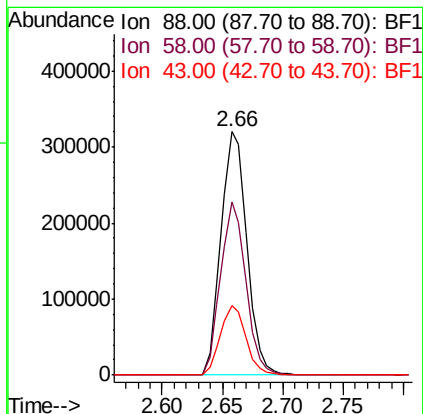
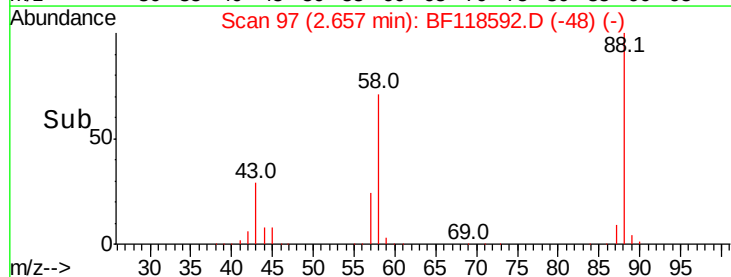
#2

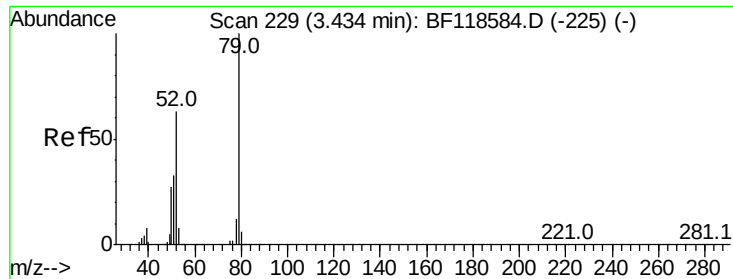
1,4-Dioxane
Concen: 40.967 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion: 88 Resp: 476519
Ion Ratio Lower Upper
88 100
58 69.0 56.1 84.1
43 28.0 23.0 34.6



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: 40.659 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

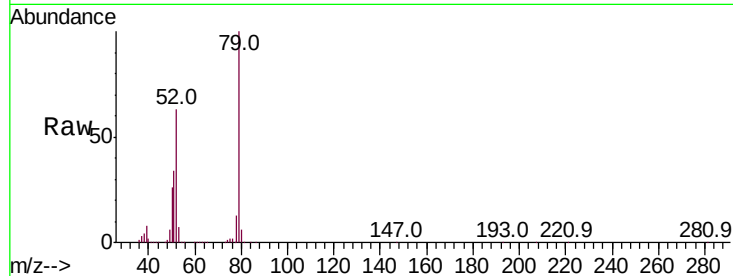
Tot Ion: 79 Resp: 1332994

Ion Ratio Lower Upper

79 100

52 63.0 50.7 76.1

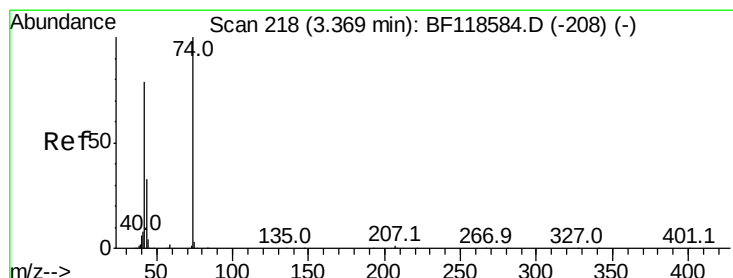
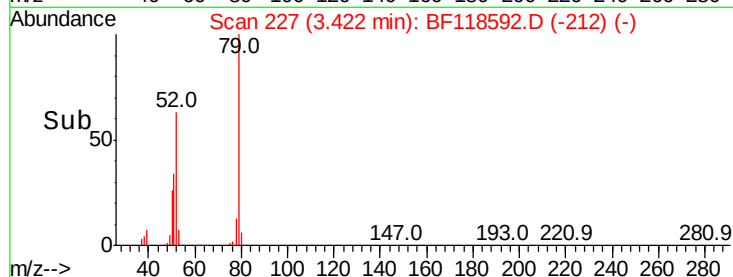
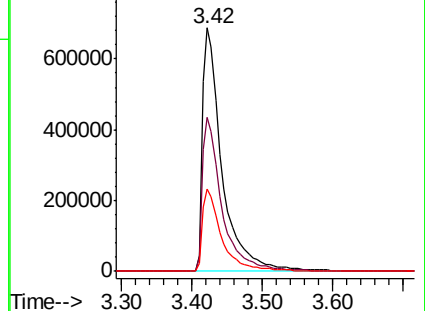
51 33.7 26.6 40.0



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: 40.934 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

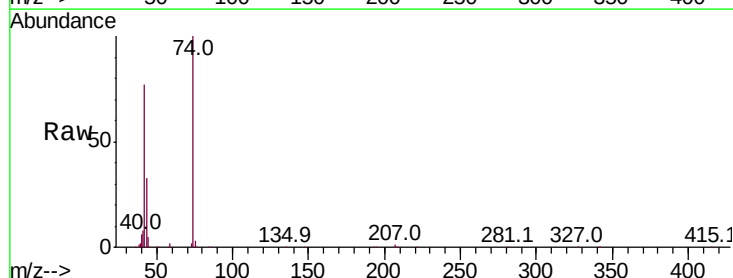
Tgt Ion: 42 Resp: 575345

Ion Ratio Lower Upper

42 100

74 129.4 101.6 152.4

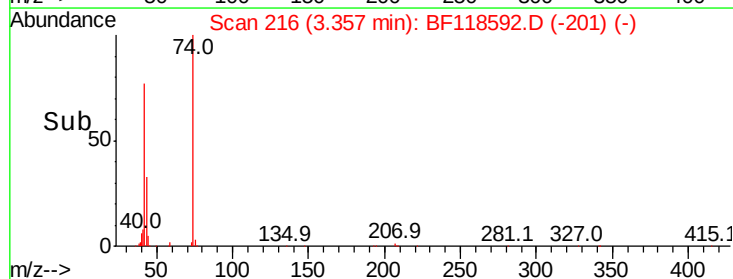
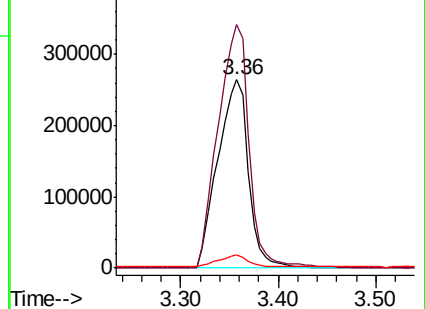
44 6.8 4.9 7.3

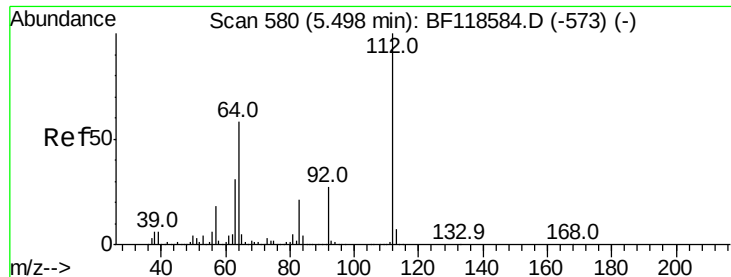


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.254 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

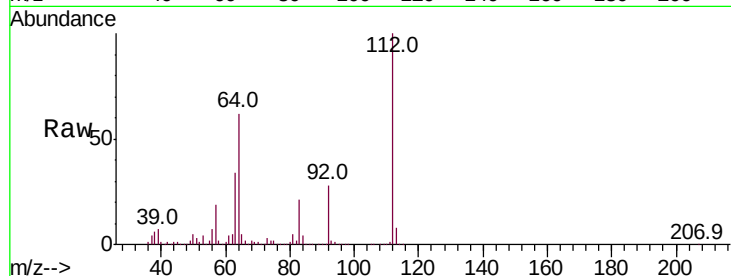
Tot Ion:112 Resp: 1999388

Ion Ratio Lower Upper

112 100

64 61.7 46.6 70.0

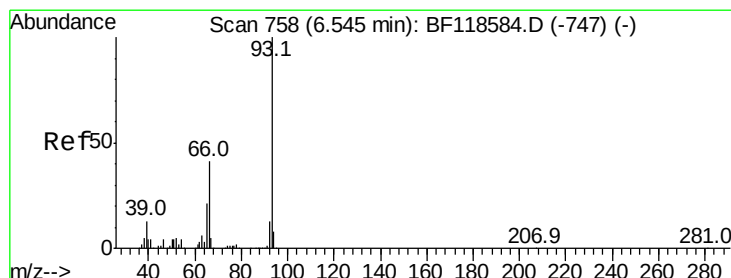
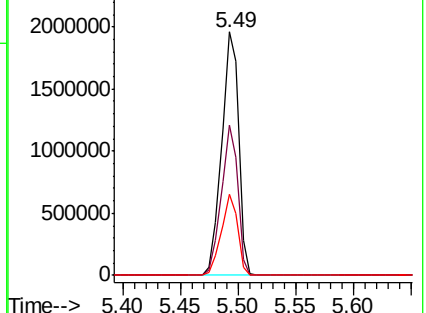
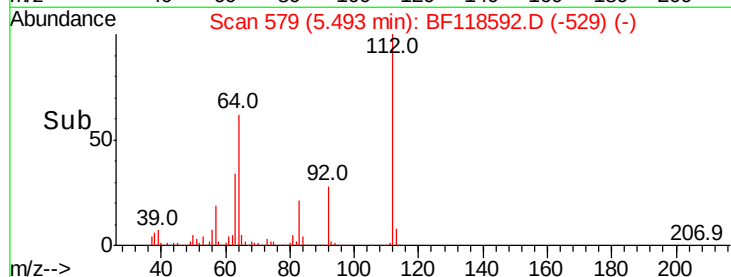
63 33.5 25.1 37.7



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: 41.524 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

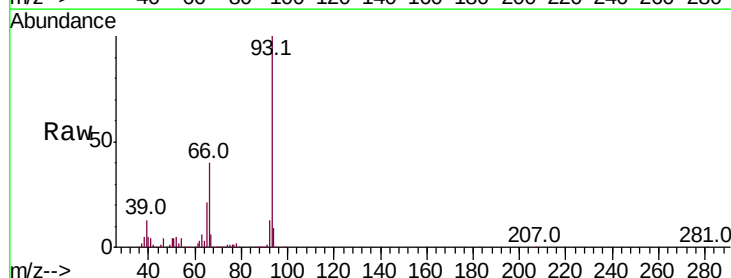
Tgt Ion: 93 Resp: 1706681

Ion Ratio Lower Upper

93 100

66 40.4 32.8 49.2

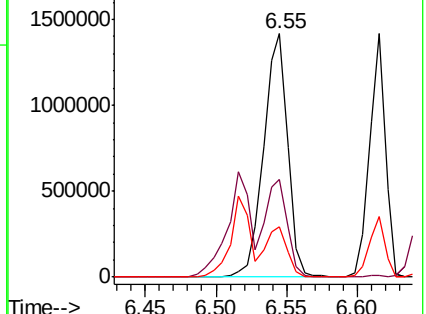
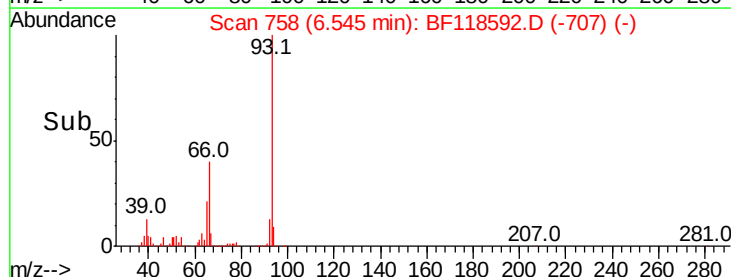
65 20.6 16.5 24.7

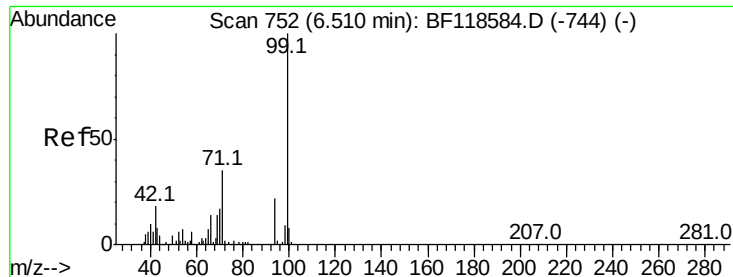


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.702 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

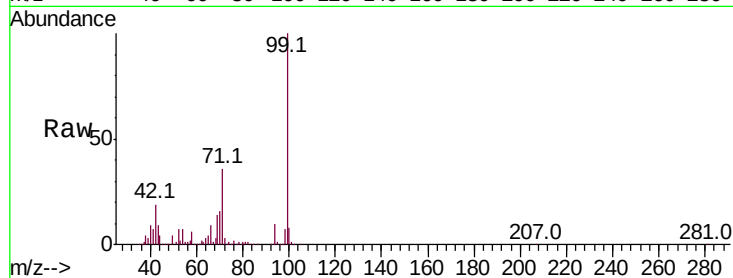
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2612661

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.2	21.2
71	35.7	27.8	41.6

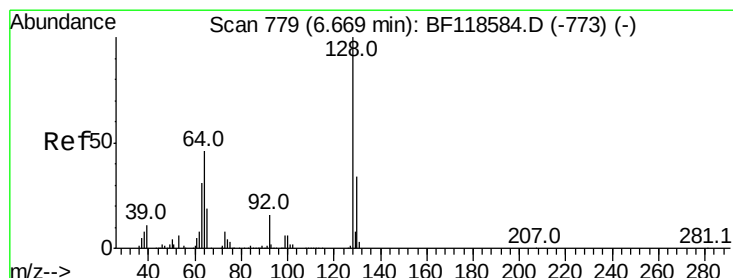
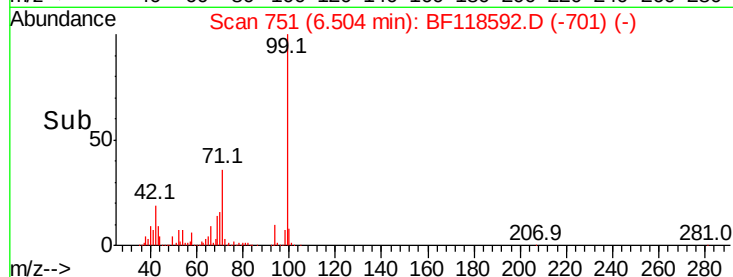
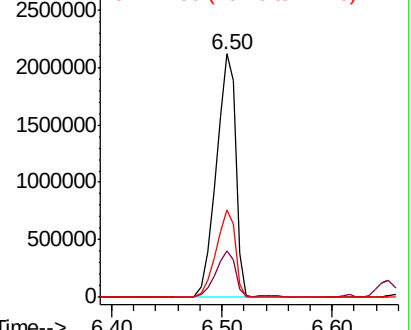


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.161 ng

RT: 6.67 min Scan# 779

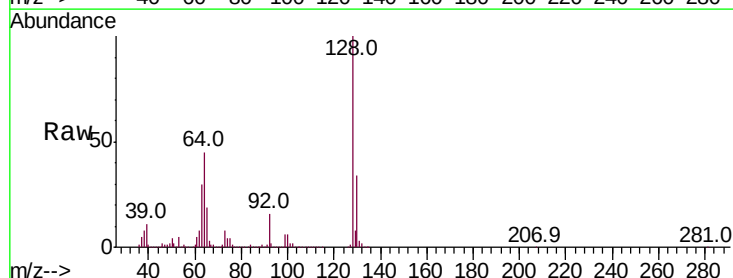
Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion: 128 Resp: 1136493

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.6	53.6
64	45.3	26.4	66.4

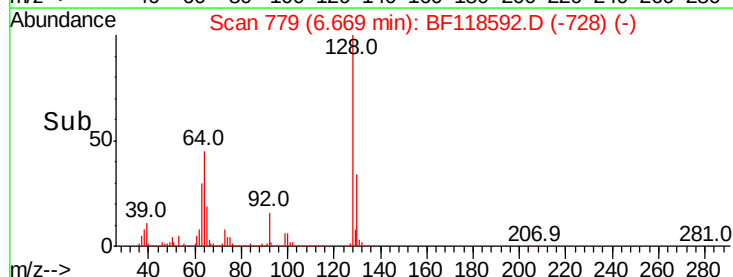
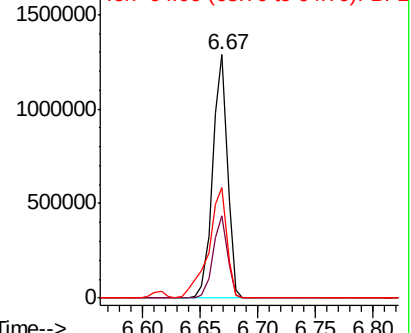


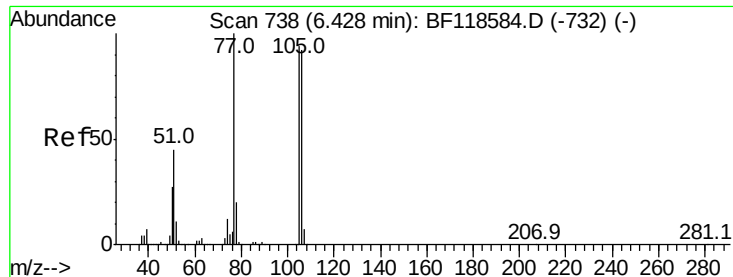
Abundance

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: 42.410 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

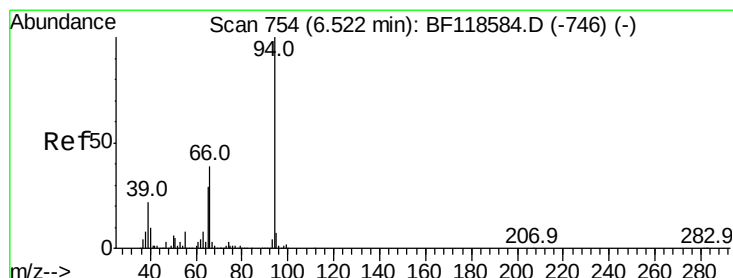
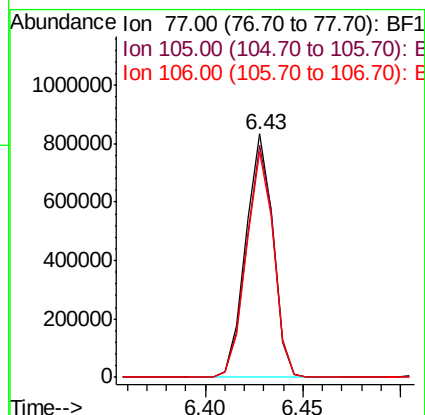
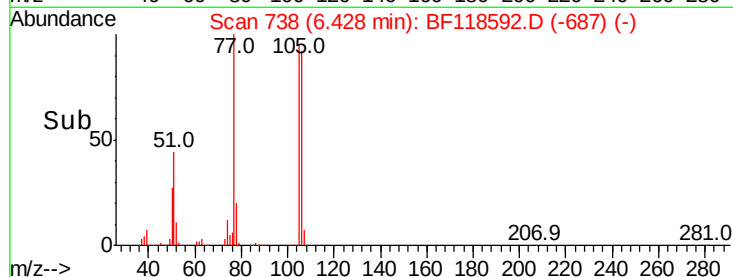
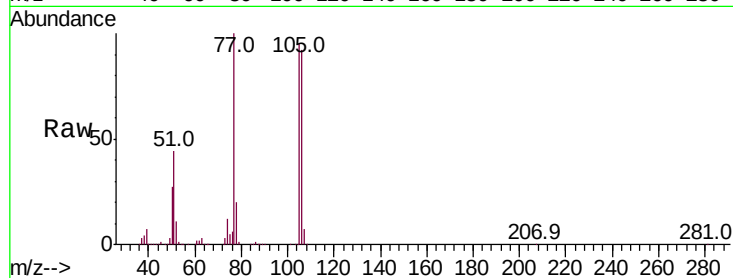
Tot Ion: 77 Resp: 805076

Ion Ratio Lower Upper

77 100

105 95.1 73.5 113.5

106 92.5 71.9 111.9



#10

Phenol

Concen: 38.672 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

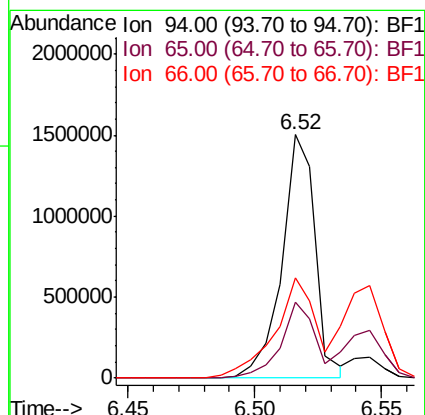
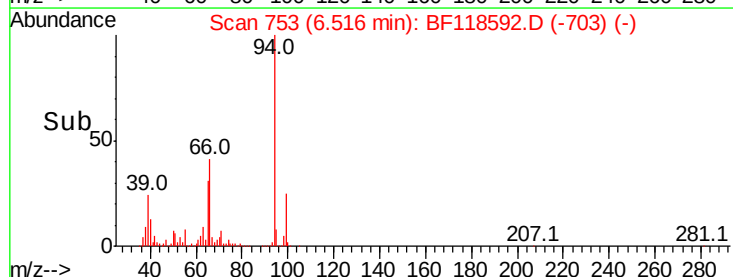
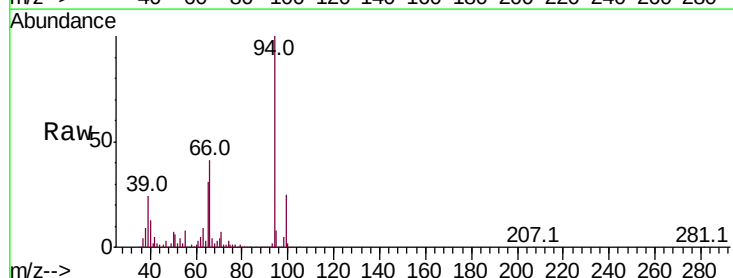
Tgt Ion: 94 Resp: 1375638

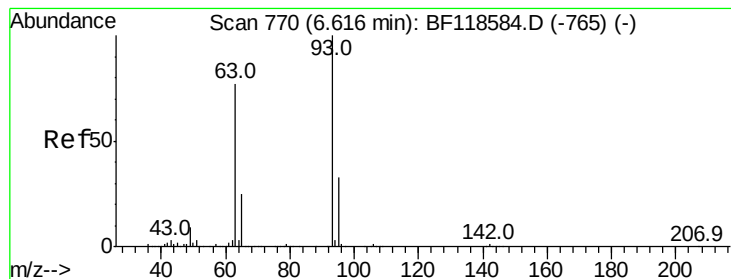
Ion Ratio Lower Upper

94 100

65 31.3 9.5 49.5

66 41.0 18.5 58.5





#11

bis(2-Chloroethyl)ether

Concen: 41.794 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

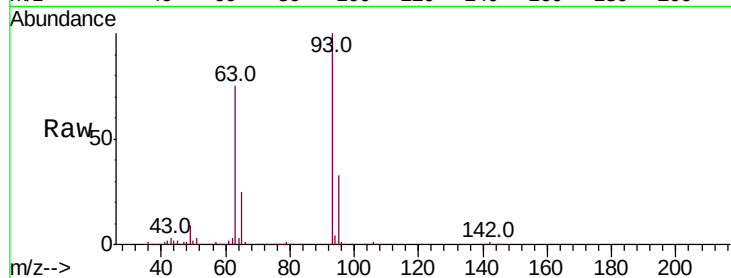
Tot Ion: 93 Resp: 1103025

Ion Ratio Lower Upper

93 100

63 75.4 56.3 96.3

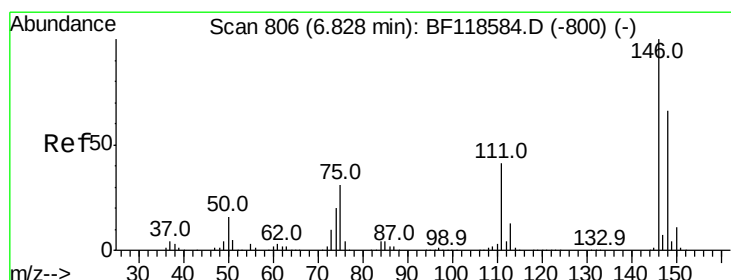
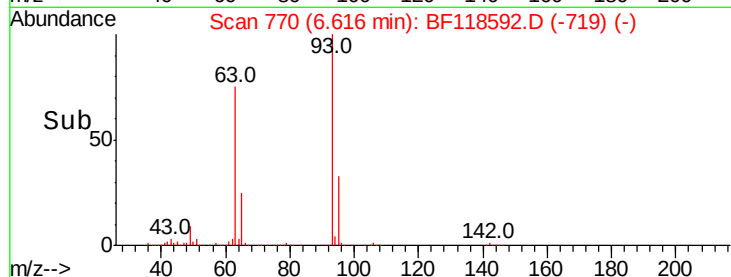
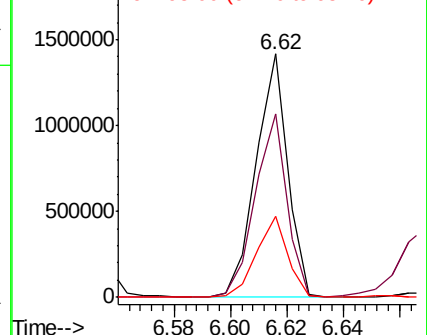
95 33.5 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.128 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

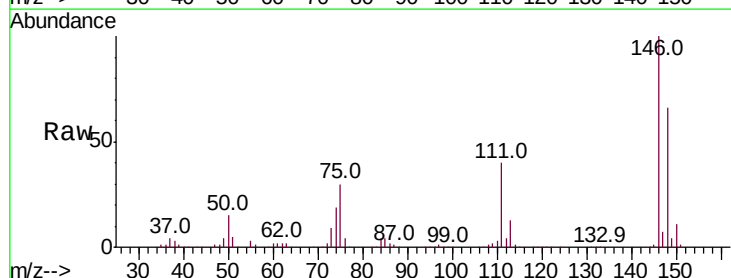
Tgt Ion: 146 Resp: 1329159

Ion Ratio Lower Upper

146 100

148 66.1 53.0 79.6

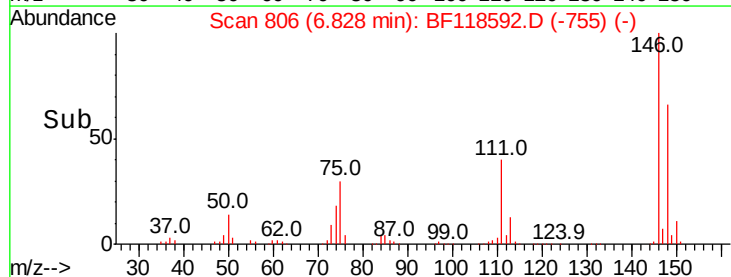
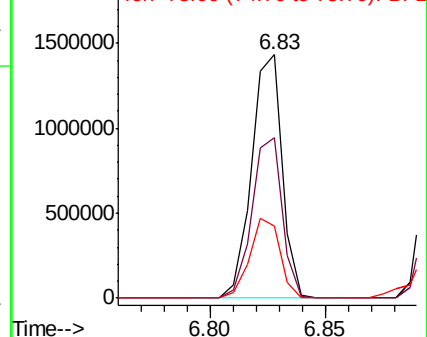
75 29.8 25.1 37.7

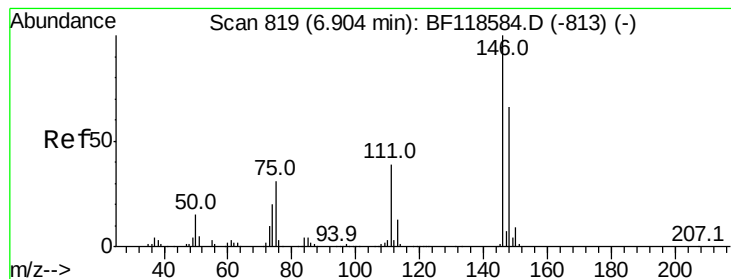


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.180 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

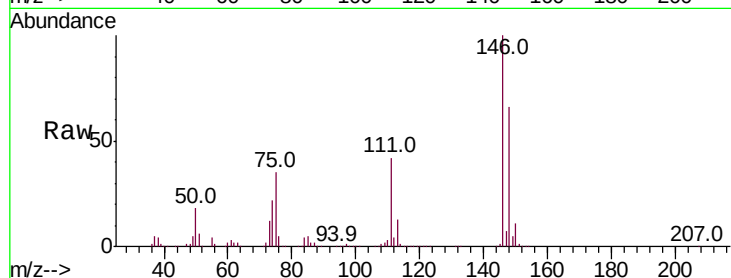
Tot Ion:146 Resp: 1335897

Ion Ratio Lower Upper

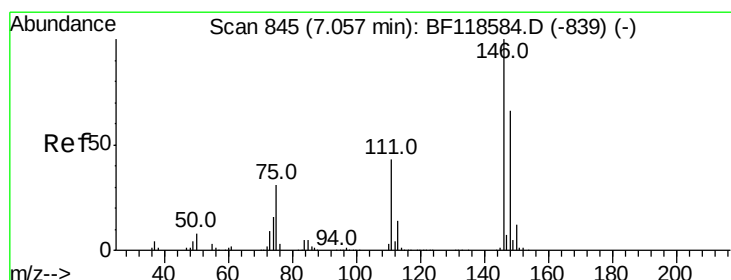
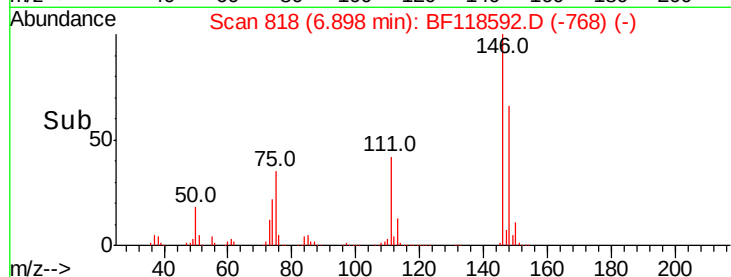
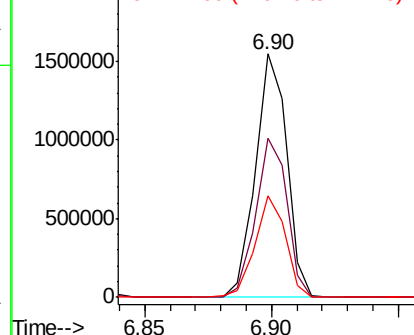
146 100

148 65.5 52.4 78.6

111 41.5 31.6 47.4



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



#14

1,2-Dichlorobenzene

Concen: 42.812 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

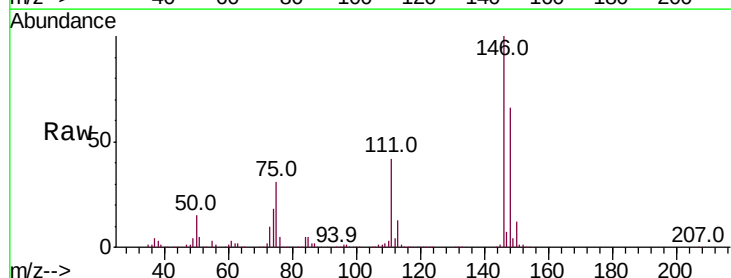
Tgt Ion:146 Resp: 1274612

Ion Ratio Lower Upper

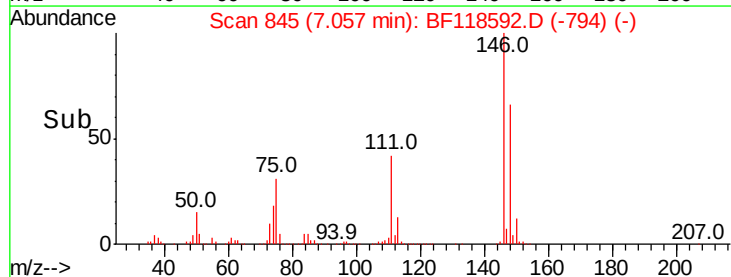
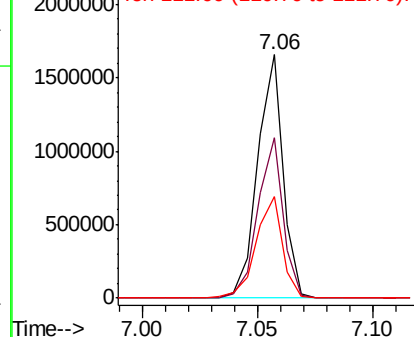
146 100

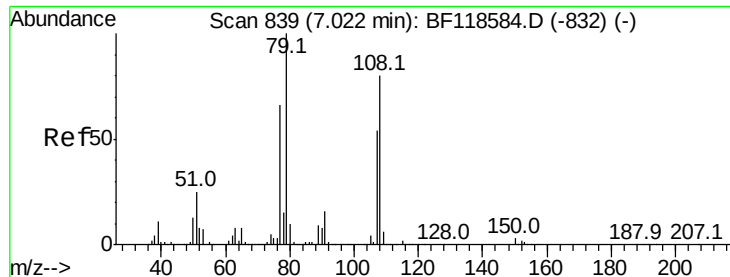
148 65.9 52.7 79.1

111 41.8 34.6 52.0



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





#15

Benzyl Alcohol

Concen: 42.293 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

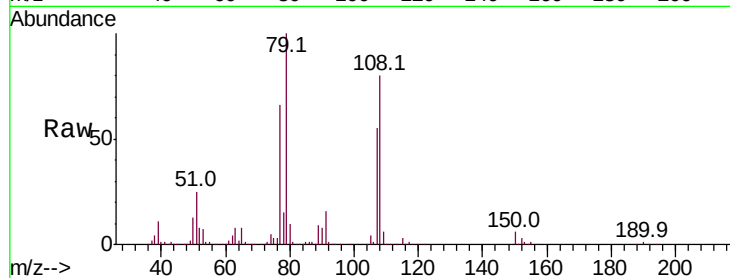
Tot Ion: 79 Resp: 1046900

Ion Ratio Lower Upper

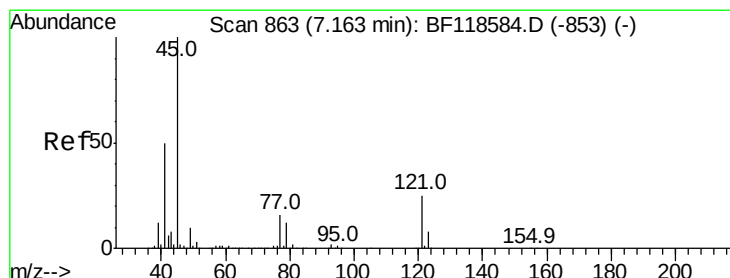
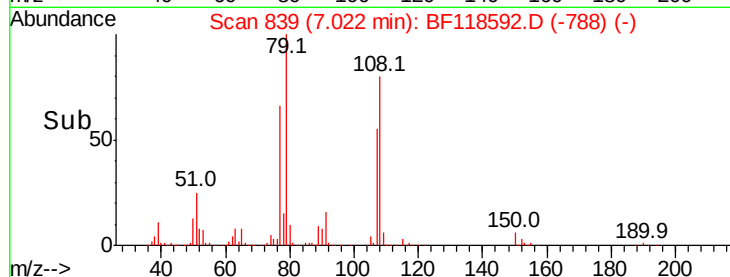
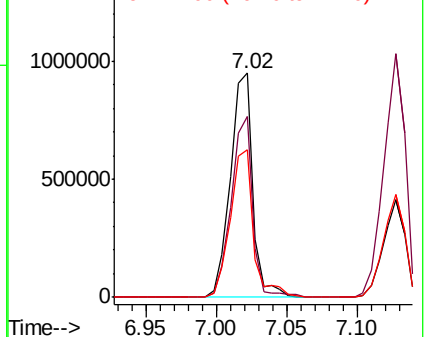
79 100

108 80.5 63.6 95.4

77 65.7 52.5 78.7



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: 42.191 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

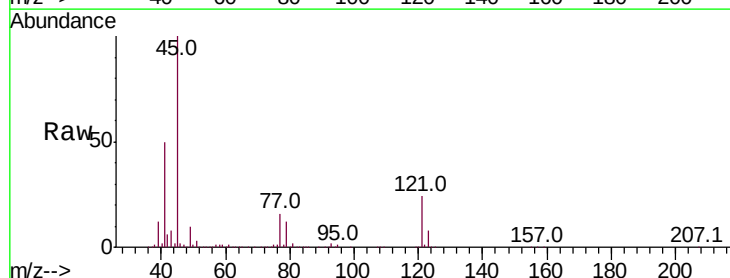
Tgt Ion: 45 Resp: 1550979

Ion Ratio Lower Upper

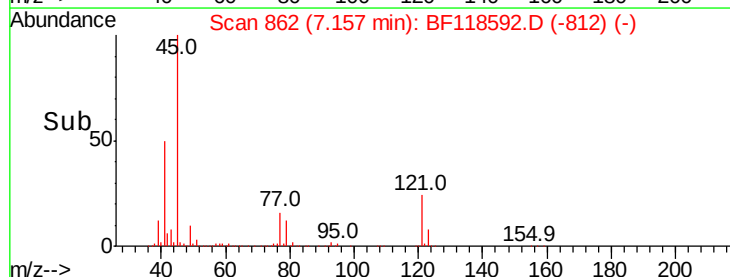
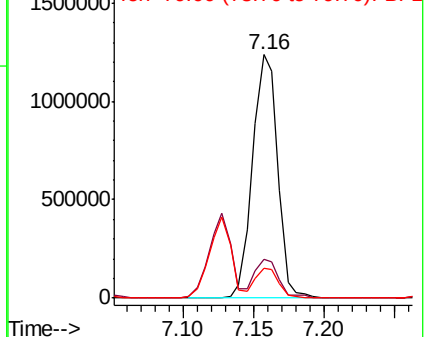
45 100

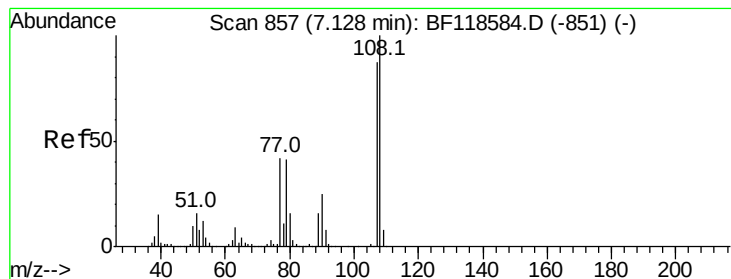
77 16.1 0.0 36.1

79 12.0 0.0 32.4



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

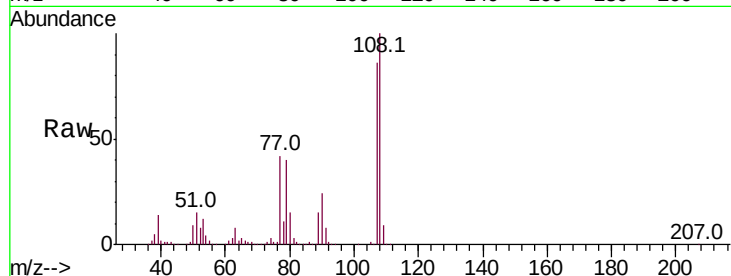




#17
2-Methylphenol
Concen: 42.029 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.5	137.3
77	48.7	38.7	58.1
79	46.6	37.7	56.5



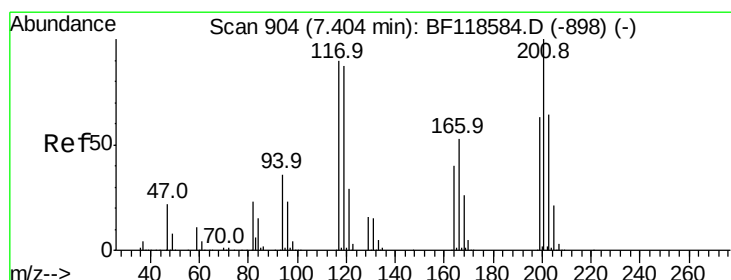
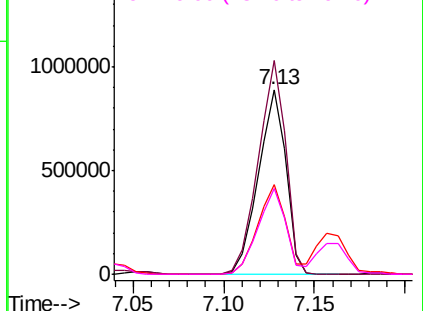
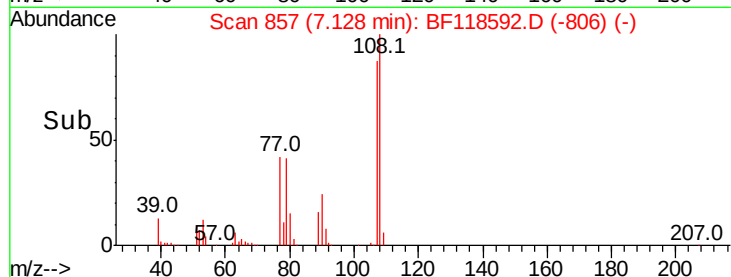
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

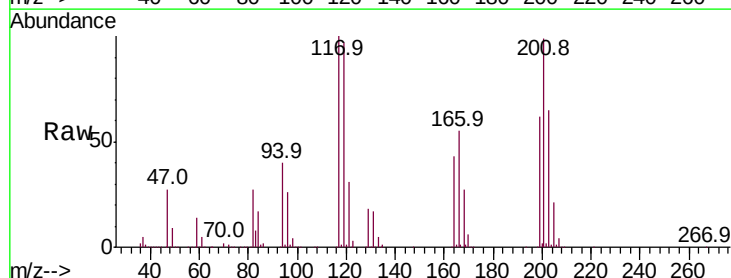
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.215 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.6	116.4
201	99.5	88.8	133.2

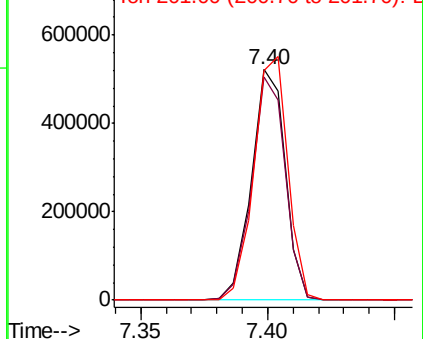
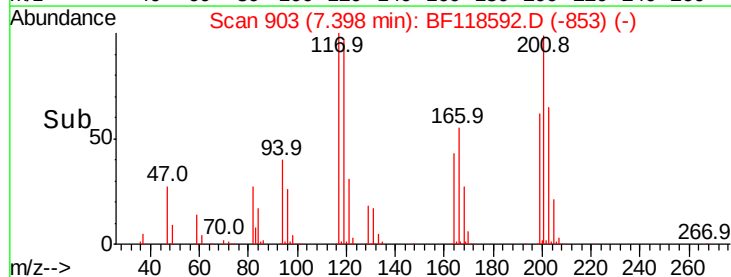


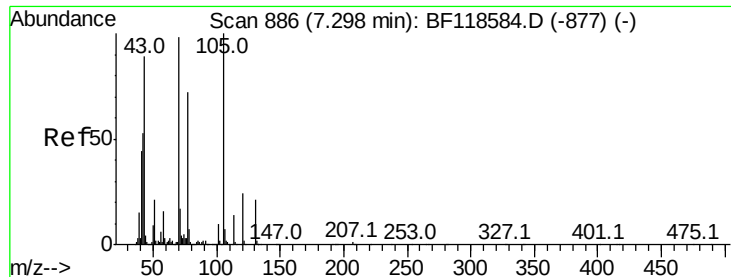
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

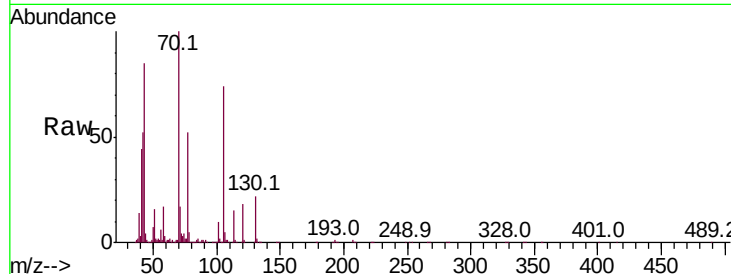




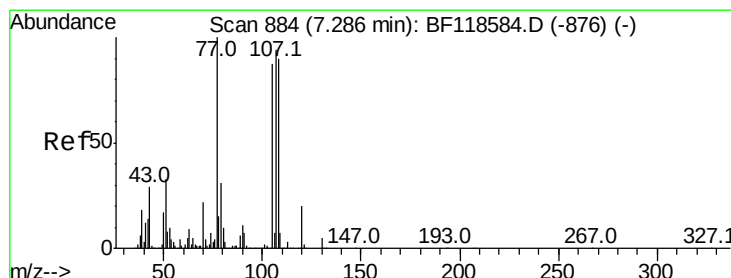
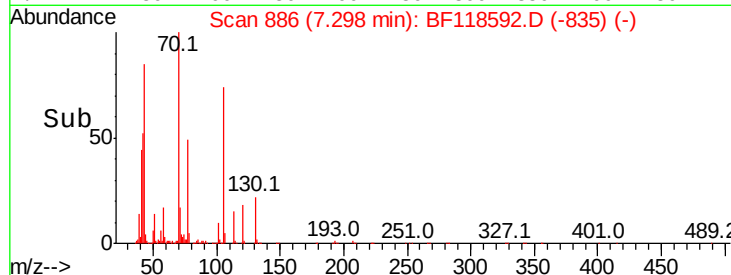
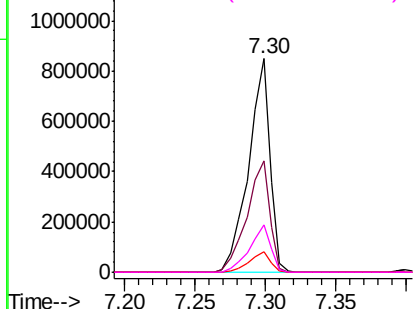
#19
n-Nitroso-di-n-propylamine
Concen: 42.792 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 901909
Ion Ratio Lower Upper
70 100
42 52.0 43.4 65.0
101 9.8 8.1 12.1
130 22.5 17.6 26.4

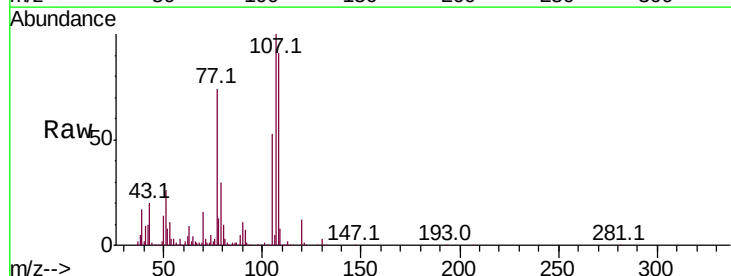


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

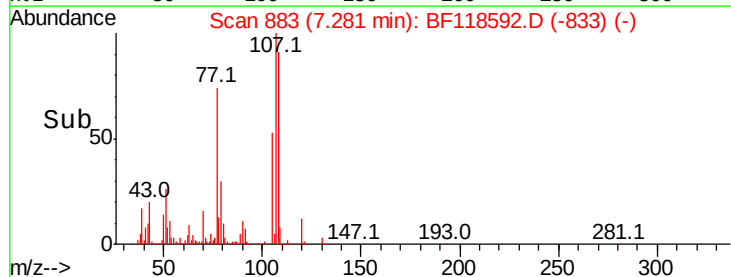
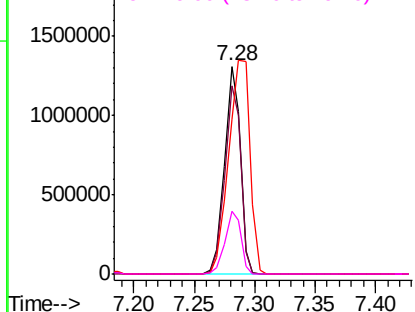


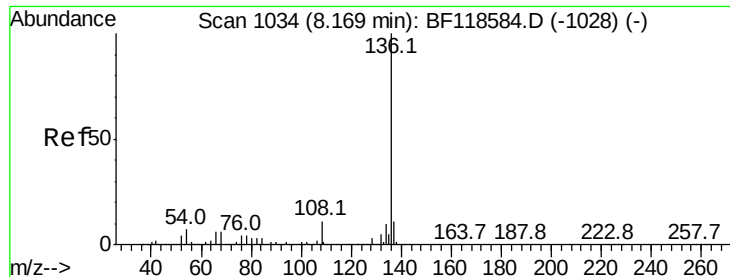
#20
3+4-Methylphenols
Concen: 43.324 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:107 Resp: 1187666
Ion Ratio Lower Upper
107 100
108 91.0 75.8 115.8
77 74.5 86.5 126.5#
79 30.0 12.9 52.9



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



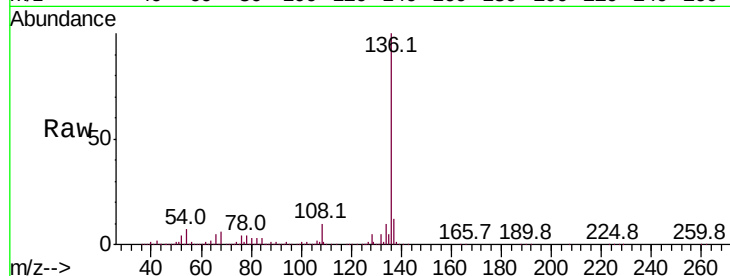


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1655757

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.9	5.8	8.6
68	6.0	5.0	7.4



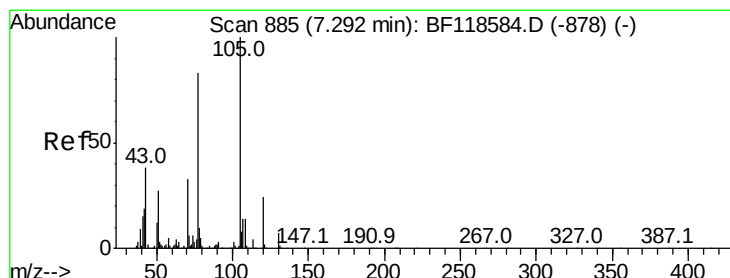
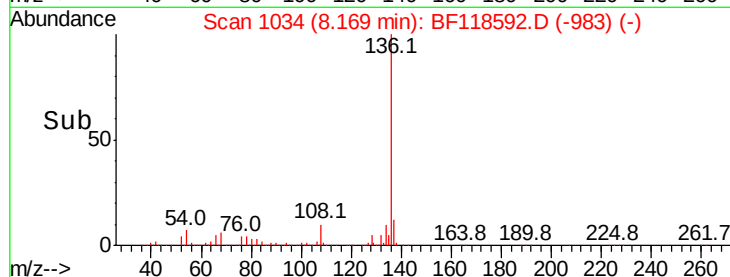
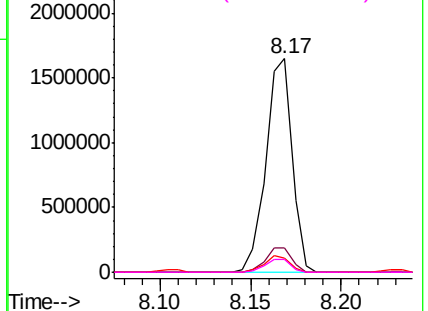
Abundance

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

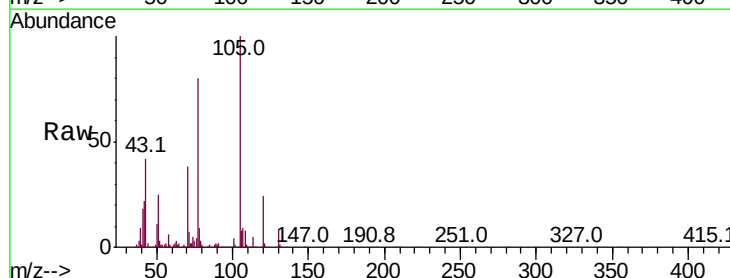
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.269 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:105 Resp: 1657933

Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.5	6.7
51	25.5	21.5	32.3
120	24.4	19.0	28.6



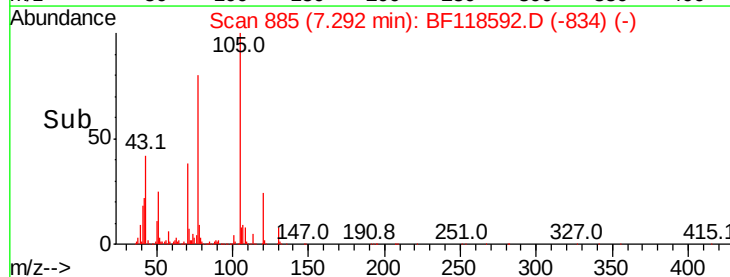
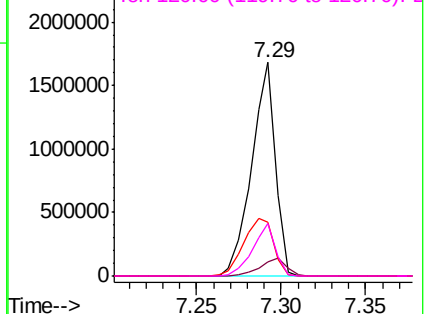
Abundance

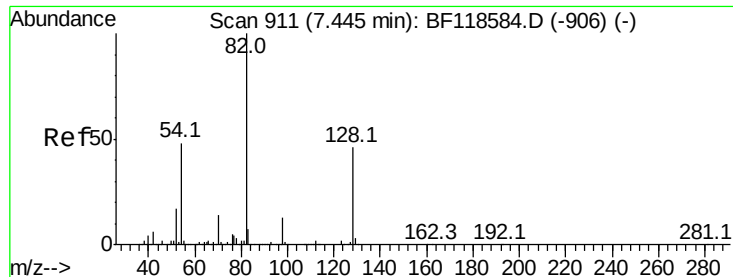
Ion 105.00 (104.70 to 105.70): E

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

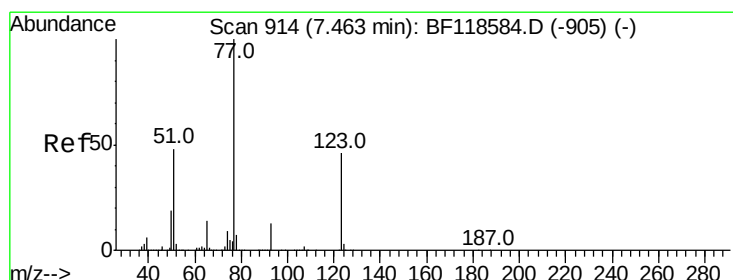
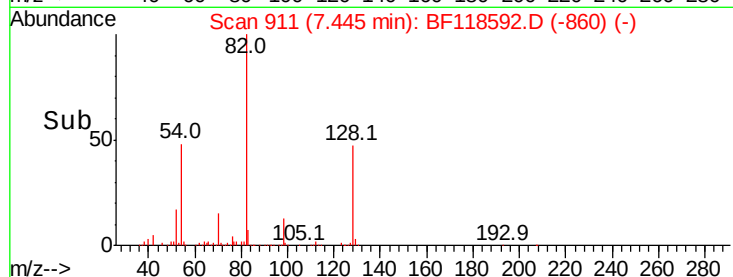
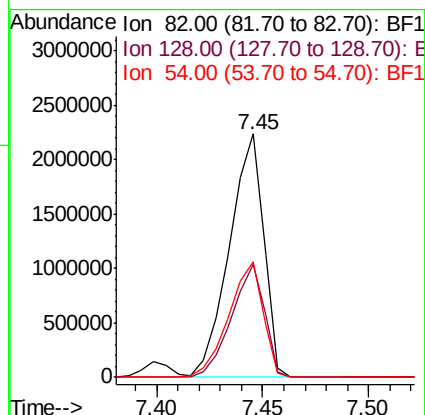
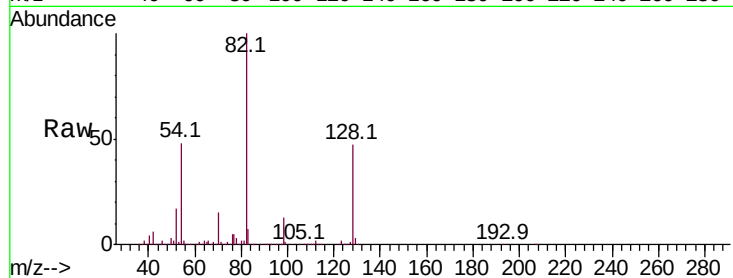




#23
 Nitrobenzene-d5
 Concen: 84.248 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

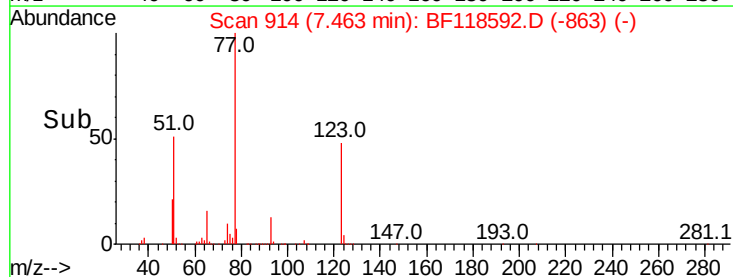
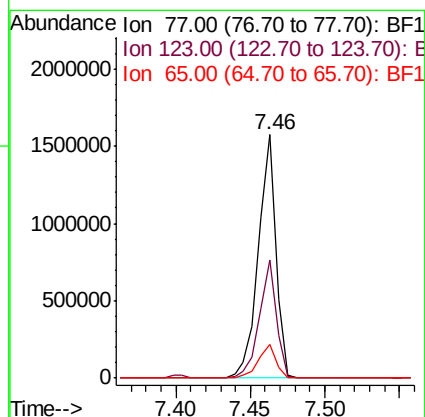
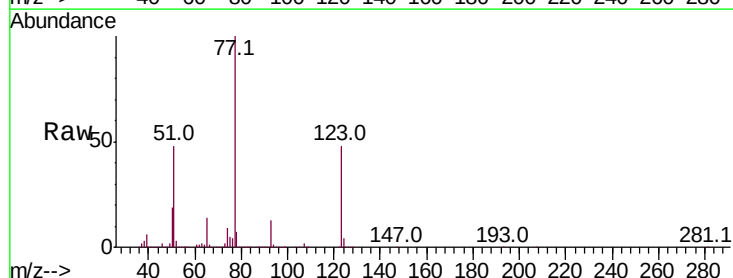
Instrument :
 BNA_F
 ClientSampled :

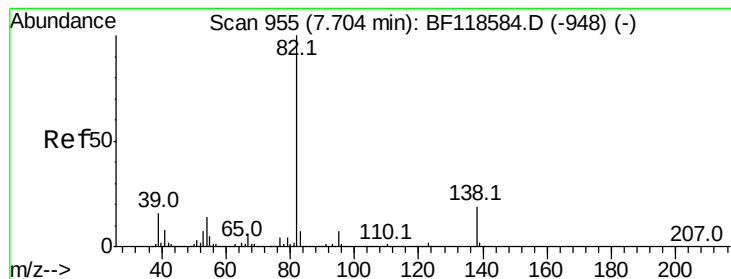
Tot Ion: 82 Resp: 2493905
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.6 54.8
 54 47.5 38.0 57.0



#24
 Nitrobenzene
 Concen: 42.052 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion: 77 Resp: 1274608
 Ion Ratio Lower Upper
 77 100
 123 48.3 37.0 55.4
 65 13.9 11.1 16.7





#25

Isophorone

Concen: 41.273 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

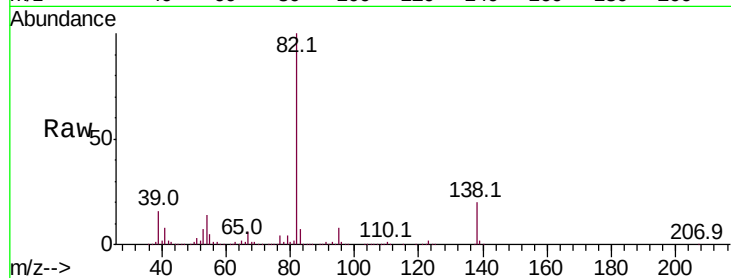
Tot Ion: 82 Resp: 2228428

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

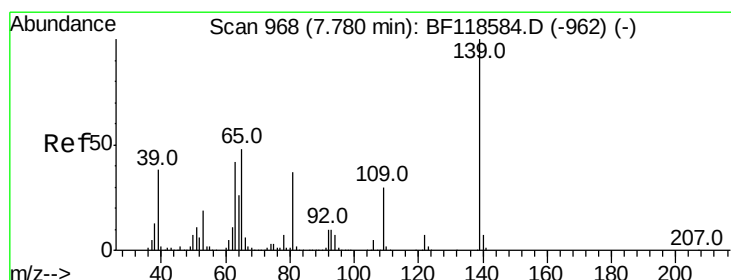
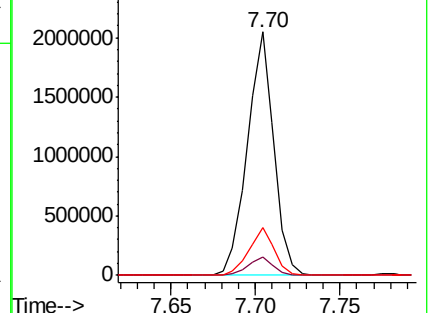
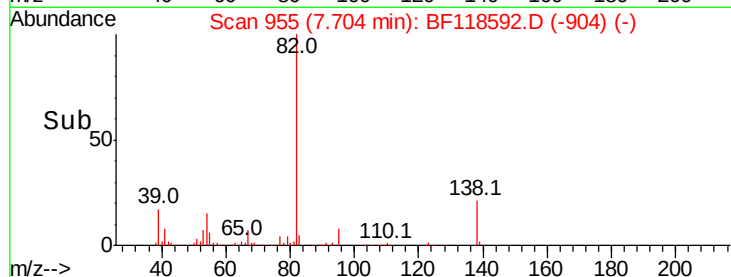
138 19.5 15.3 22.9



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: 43.055 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

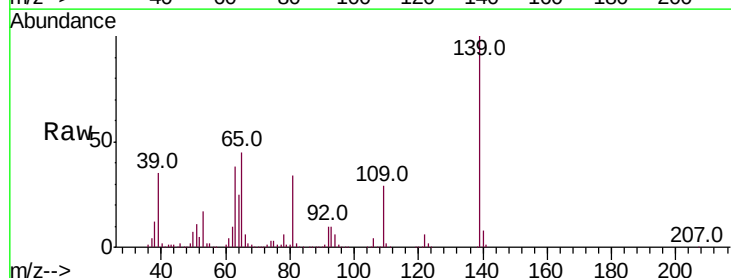
Tgt Ion: 139 Resp: 556514

Ion Ratio Lower Upper

139 100

109 28.6 23.8 35.8

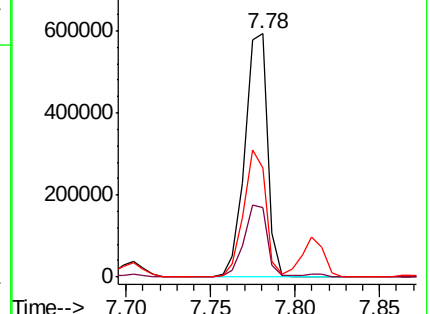
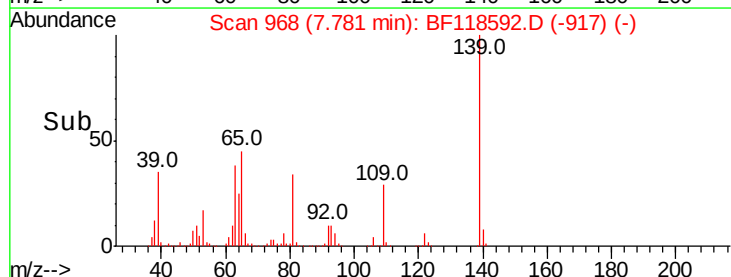
65 44.7 38.5 57.7

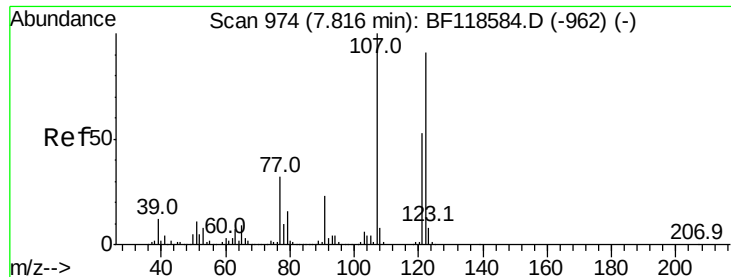


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

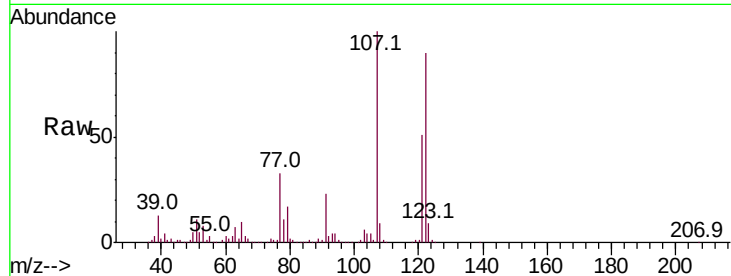




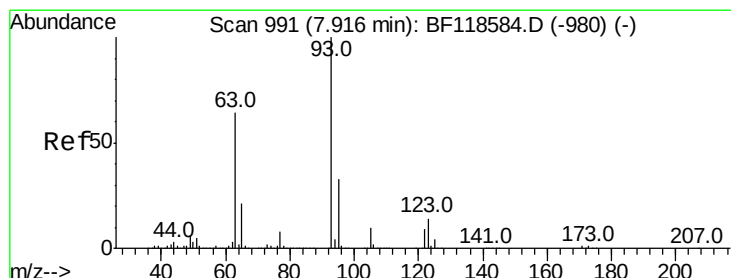
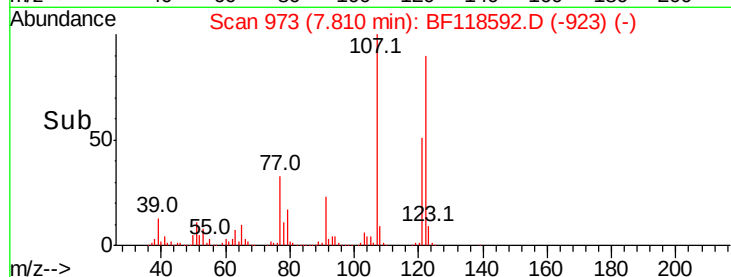
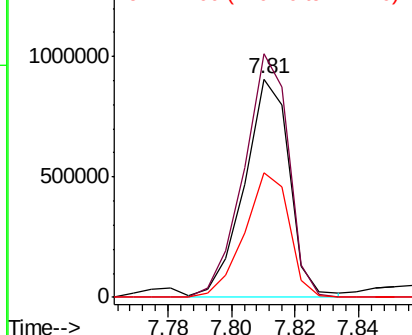
#27
2,4-Dimethylphenol
Concen: 40.152 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 896198
Ion Ratio Lower Upper
122 100
107 111.4 88.0 132.0
121 57.0 46.3 69.5

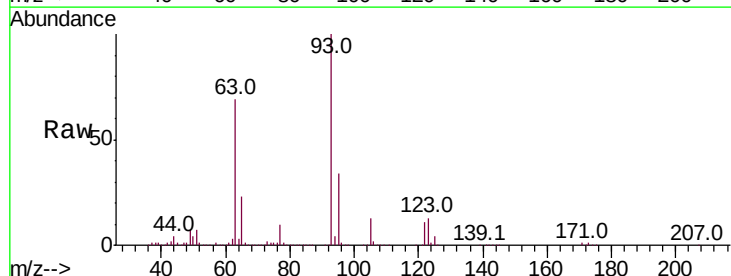


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

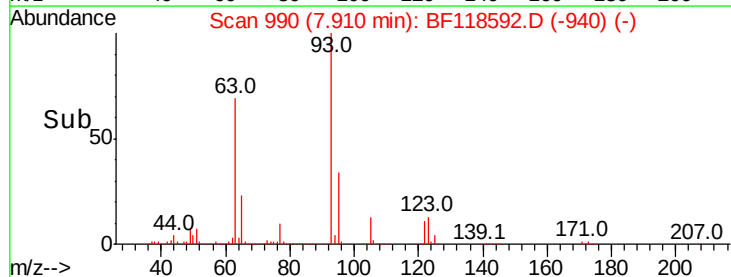
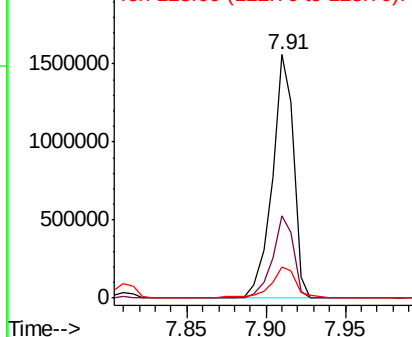


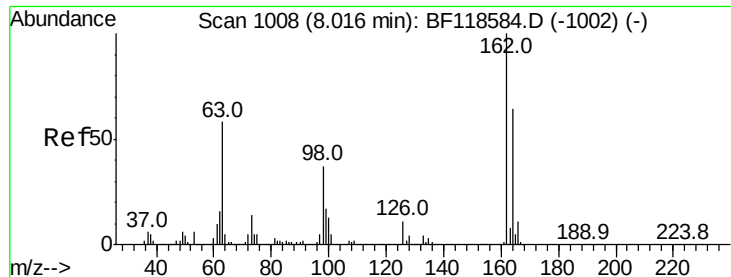
#28
bis(2-Chloroethoxy)methane
Concen: 41.801 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion: 93 Resp: 1454237
Ion Ratio Lower Upper
93 100
95 33.7 26.7 40.1
123 13.0 11.0 16.6



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

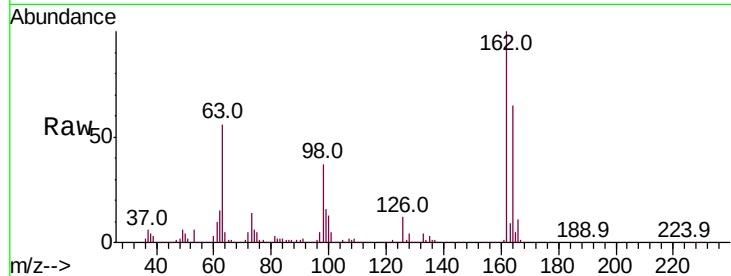




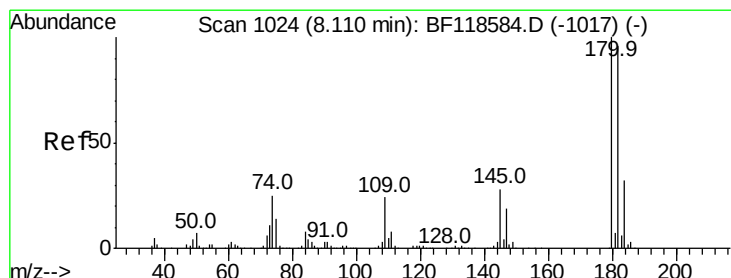
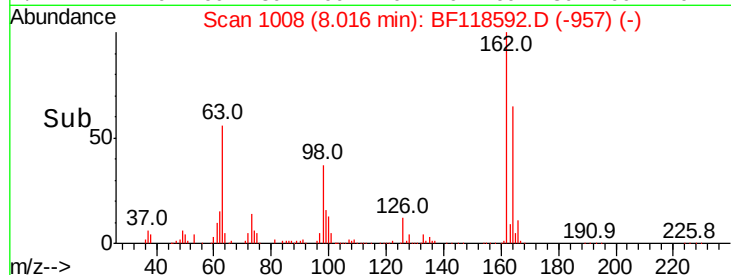
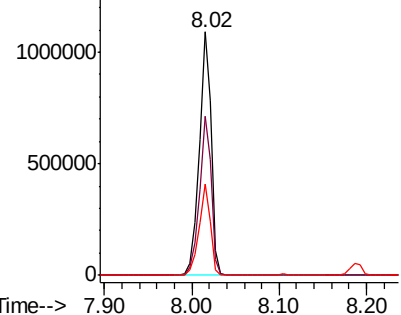
#29
2,4-Dichlorophenol
Concen: 41.730 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1029638
Ion Ratio Lower Upper
162 100
164 65.5 44.3 84.3
98 37.4 17.5 57.5

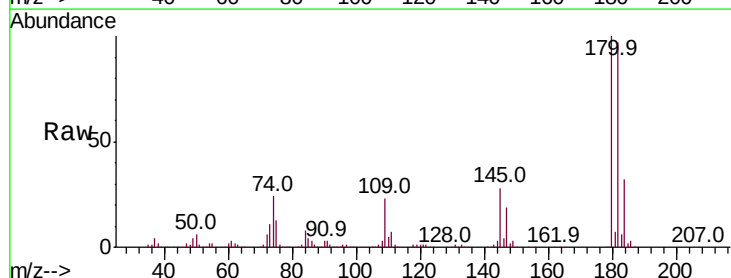


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

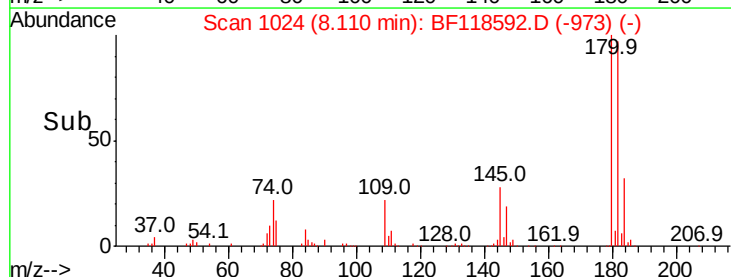
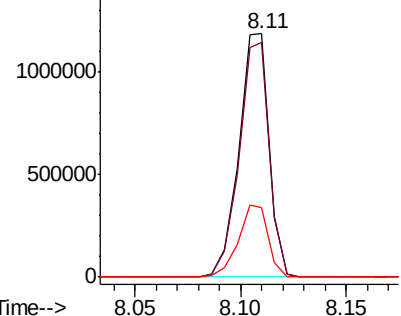


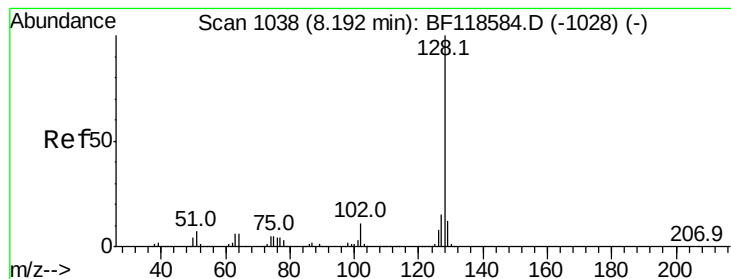
#30
1,2,4-Trichlorobenzene
Concen: 41.411 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:180 Resp: 1184733
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 28.4 22.8 34.2



Abundance Ion 180.00 (179.70 to 180.70): E
1500000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.017 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampled :

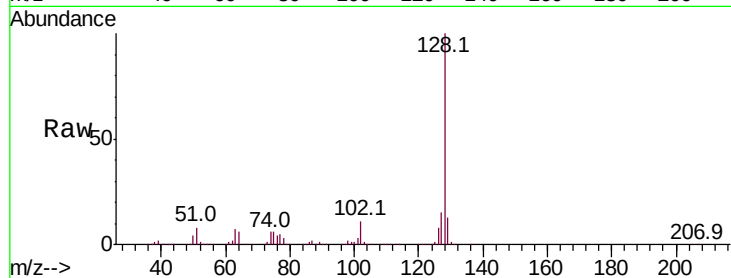
Tot Ion:128 Resp: 3217488

Ion Ratio Lower Upper

128 100

129 12.9 9.9 14.9

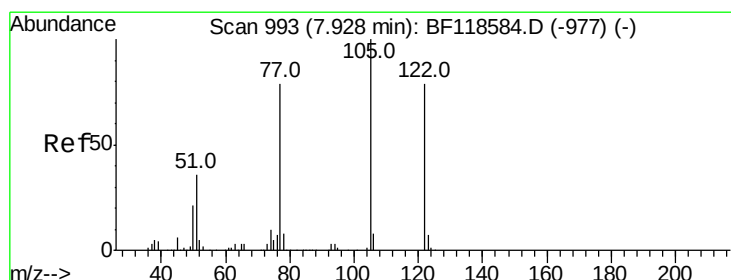
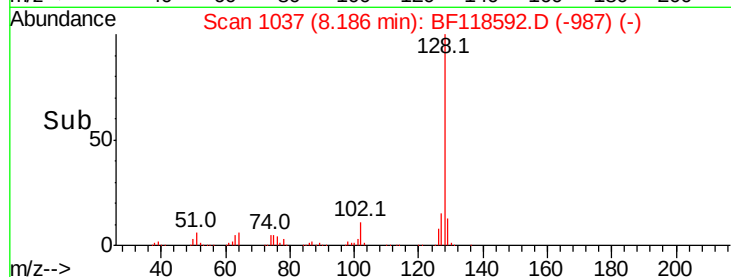
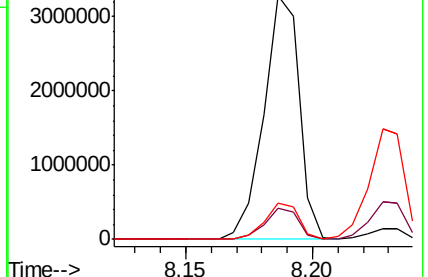
127 14.9 12.0 18.0



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: 43.465 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

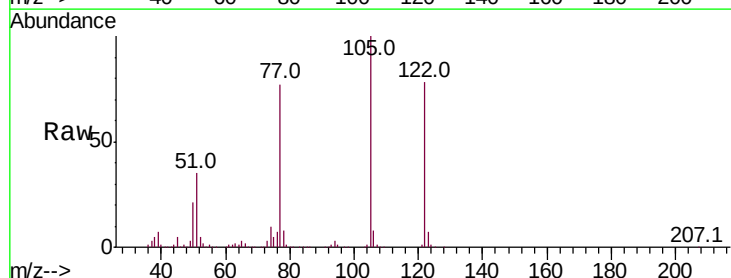
Tgt Ion:122 Resp: 728094

Ion Ratio Lower Upper

122 100

105 129.0 104.3 144.3

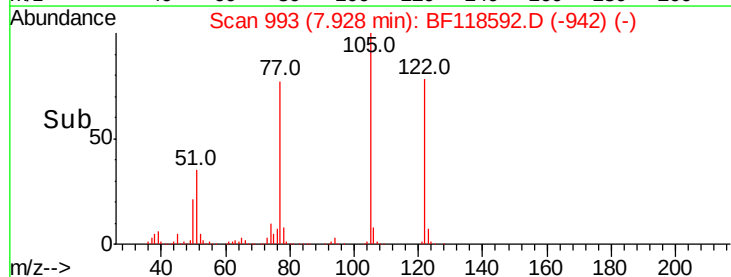
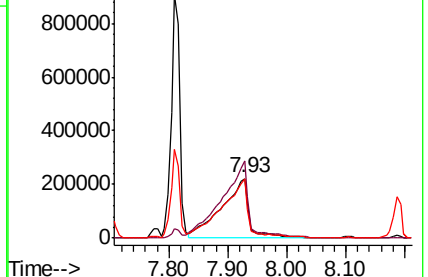
77 99.8 79.4 119.4

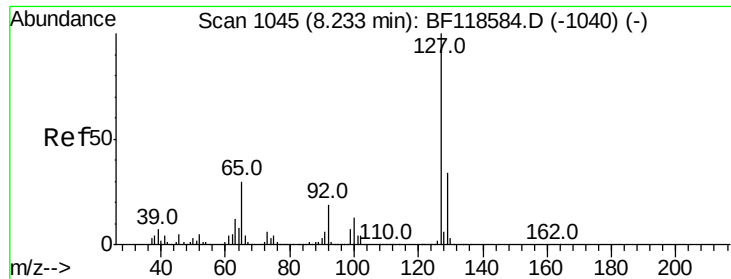


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

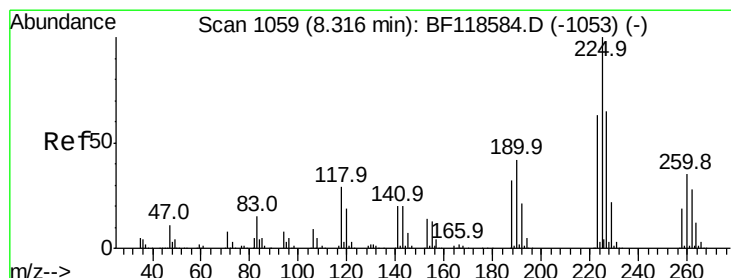
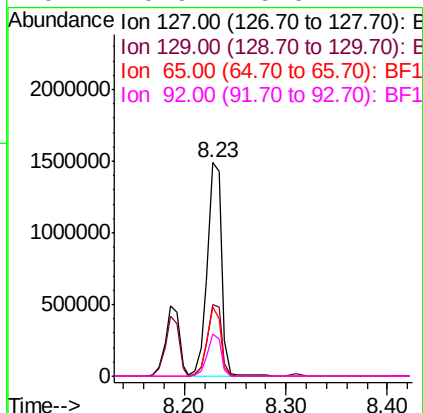
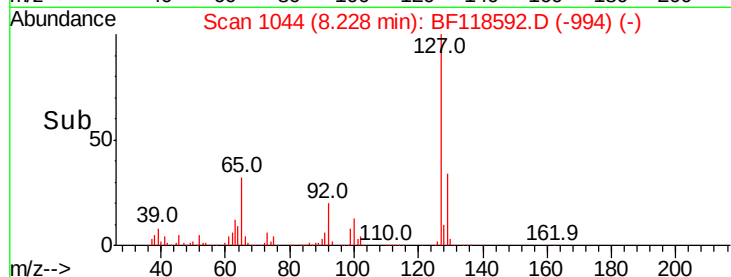
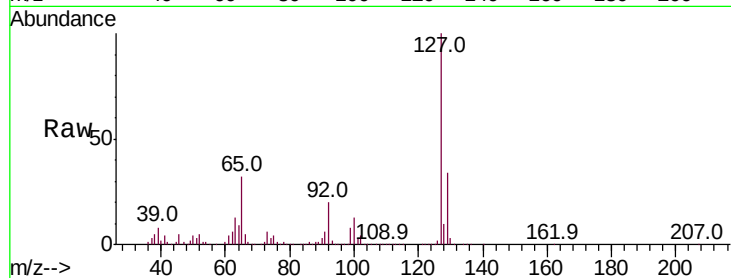




#33
4-Chloroaniline
Concen: 42.282 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

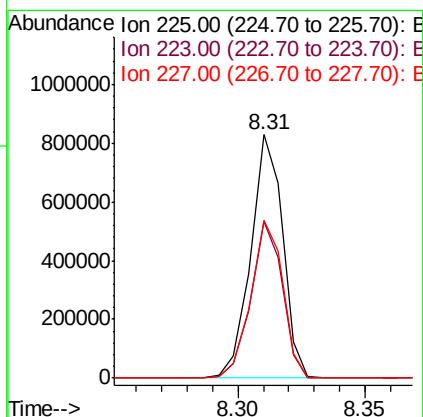
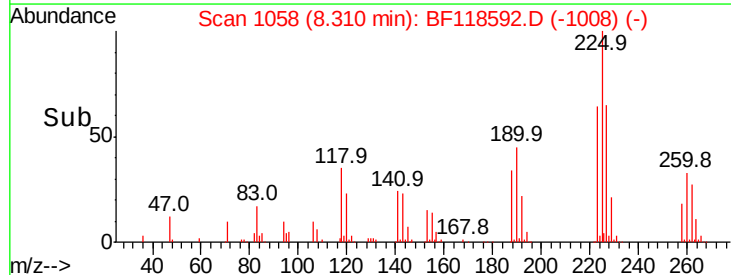
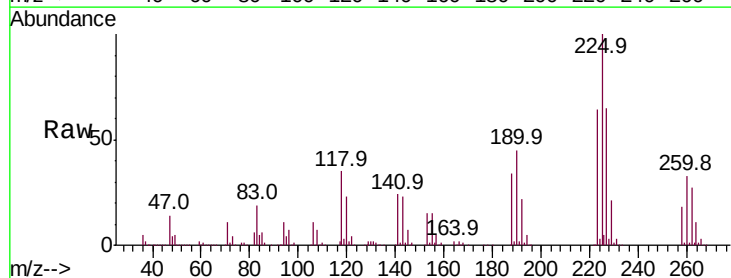
Instrument :
BNA_F
ClientSampleId :

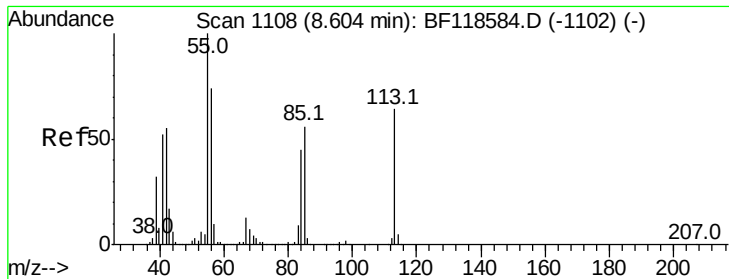
Tot Ion:127 Resp: 1461709
Ion Ratio Lower Upper
127 100
129 33.9 27.4 41.0
65 32.5 23.6 35.4
92 19.9 15.0 22.4



#34
Hexachlorobutadiene
Concen: 41.801 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:225 Resp: 728271
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.4
227 64.6 52.1 78.1

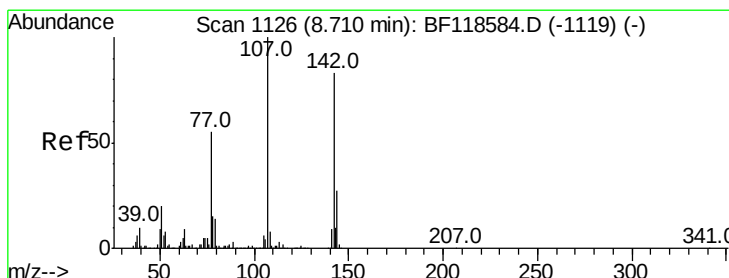
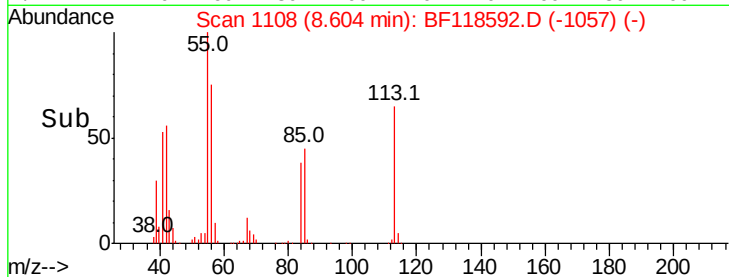
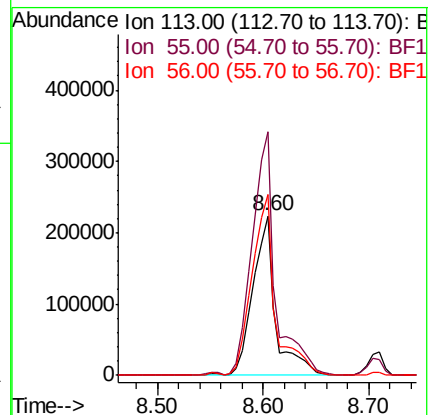
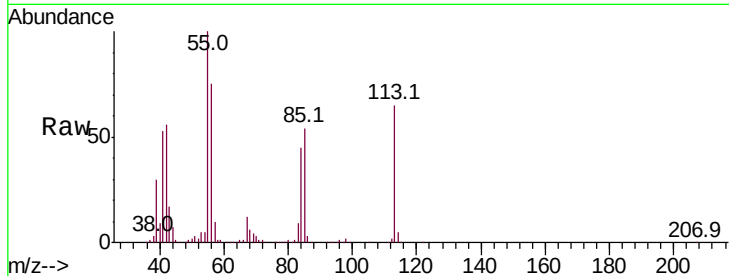




#35
 Caprolactam
 Concen: 41.594 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

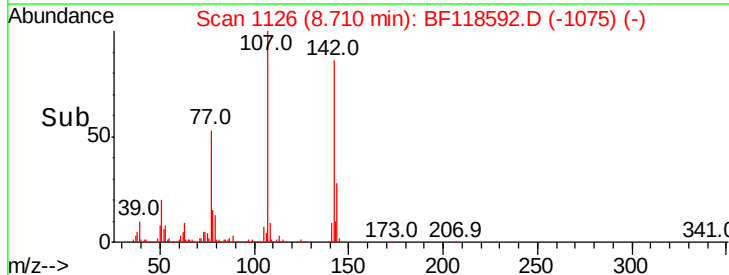
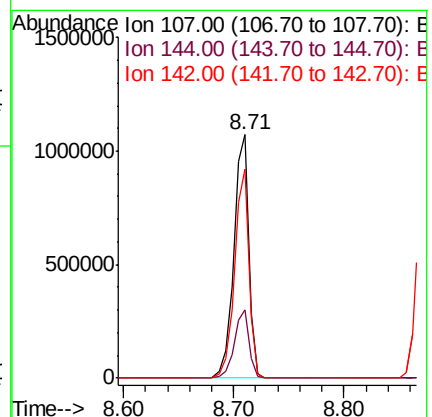
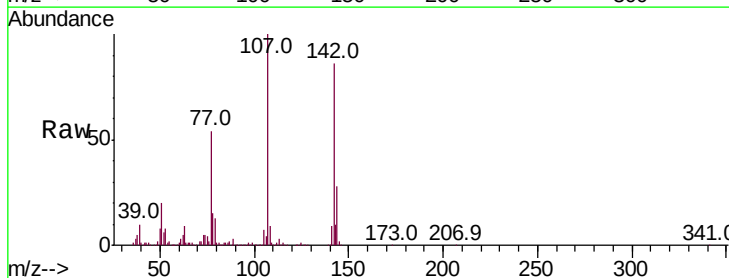
Instrument :
 BNA_F
 ClientSampleId :

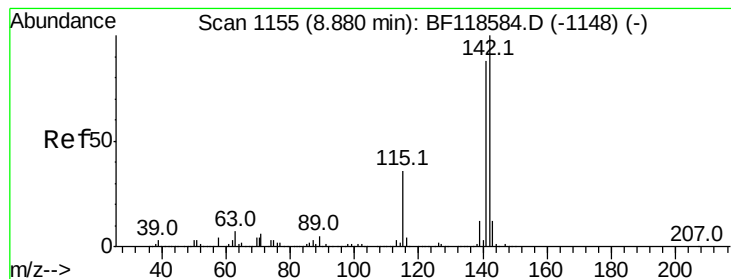
Tot Ion:113 Resp: 335852
 Ion Ratio Lower Upper
 113 100
 55 152.8 136.1 176.1
 56 113.9 95.2 135.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.094 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion:107 Resp: 1025642
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.8 32.8
 142 86.1 66.5 99.7





#37

2-Methylnaphthalene

Concen: 42.990 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

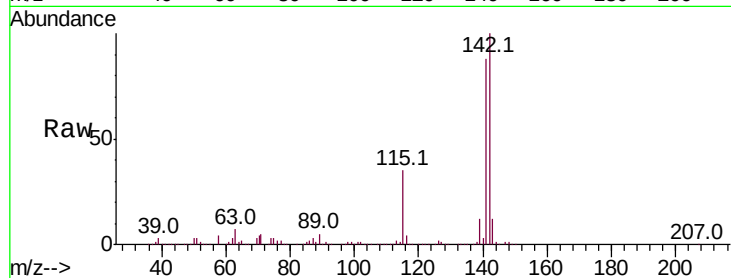
Tot Ion:142 Resp: 2269692

Ion Ratio Lower Upper

142 100

141 88.3 70.7 106.1

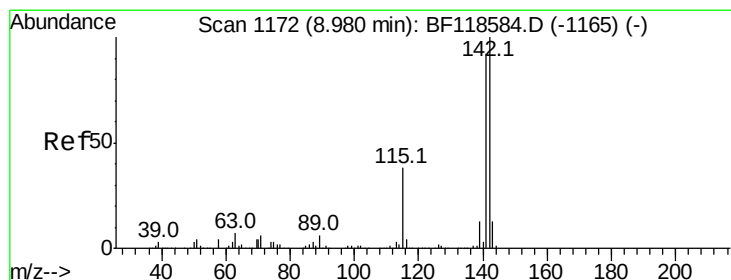
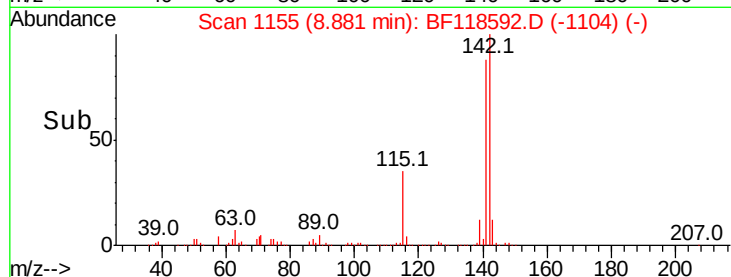
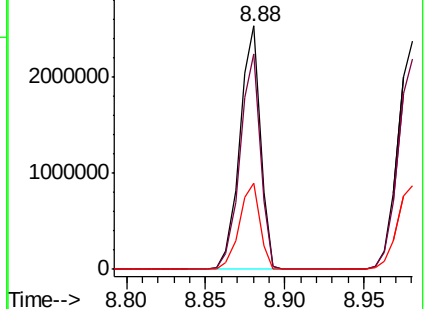
115 35.5 28.5 42.7



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: 42.968 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

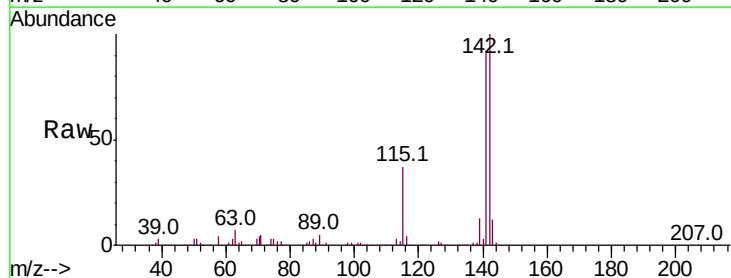
Tgt Ion:142 Resp: 2155170

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.2

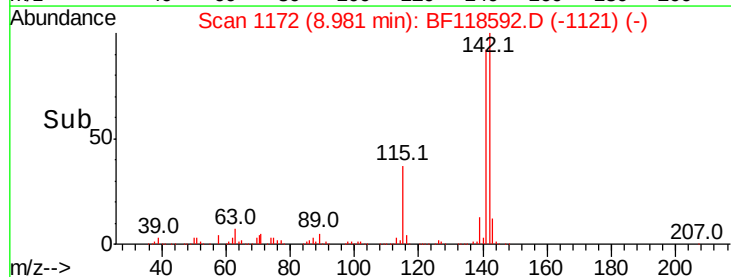
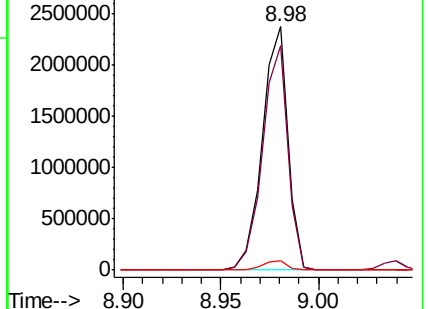
116 3.9 3.3 4.9

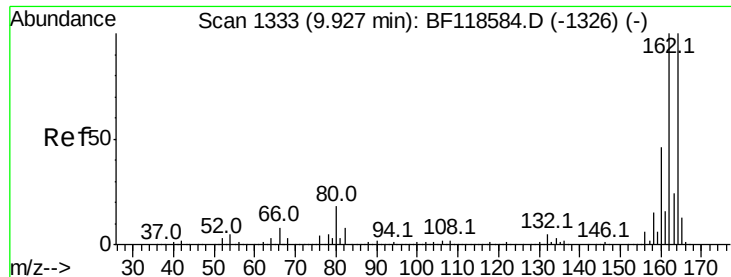


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

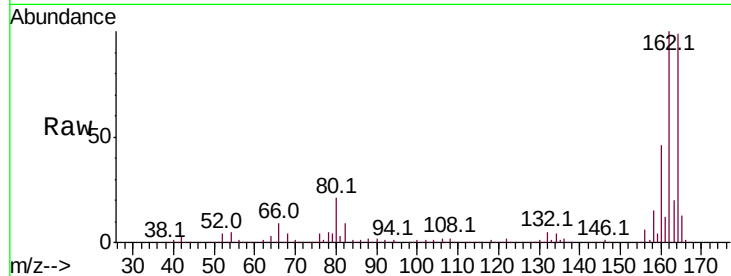




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.4	120.6
160	46.2	36.6	55.0

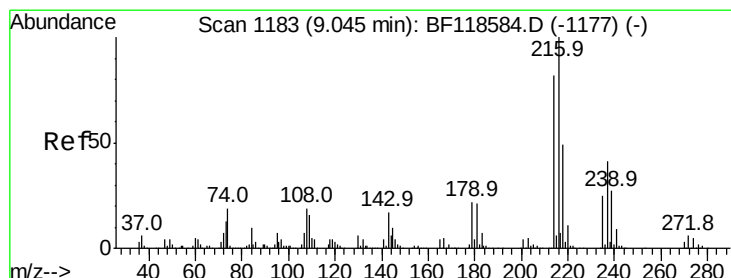
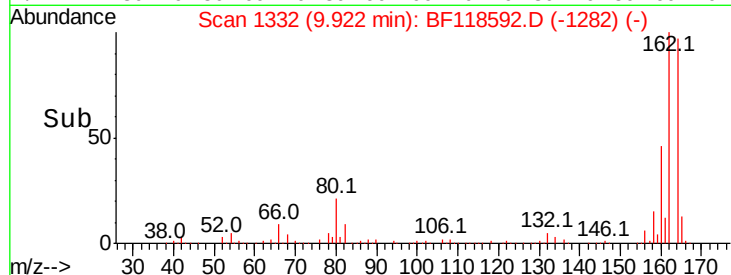
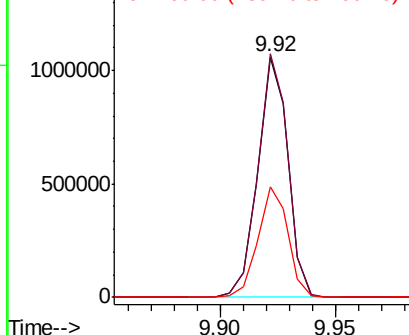


Abundance

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: 41.512 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.2	96.2
179	20.5	16.6	25.0
108	18.1	14.4	21.6

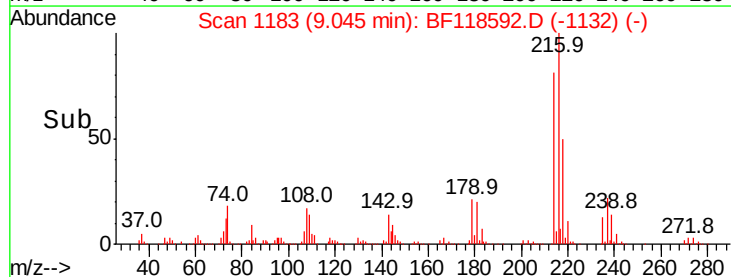
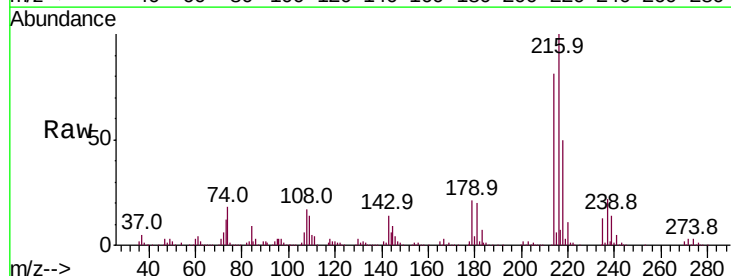
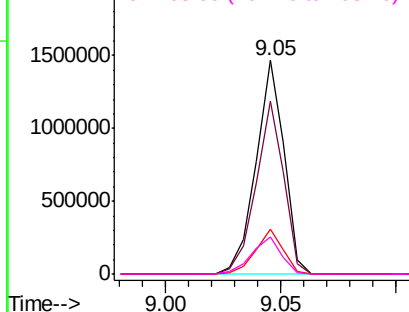
Abundance

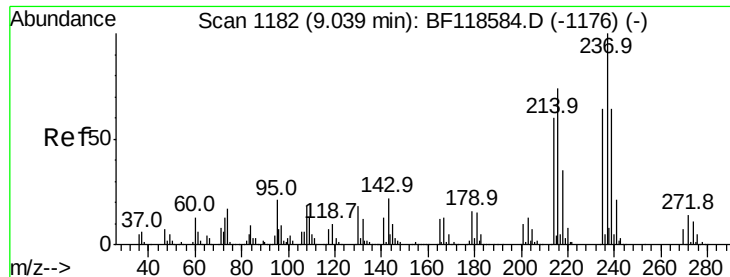
Ion 216.00 (215.70 to 216.70): E

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: 40.218 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :

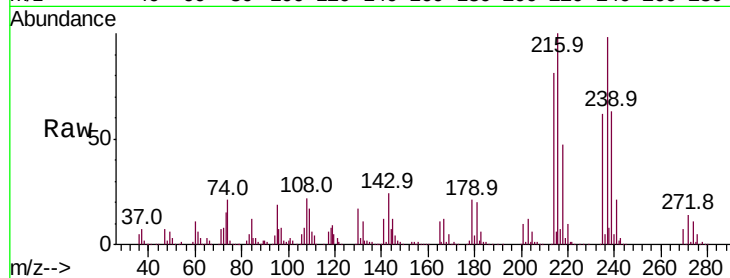
Tot Ion:237 Resp: 610789

Ion Ratio Lower Upper

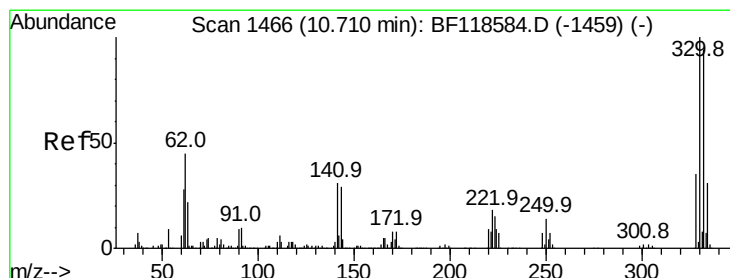
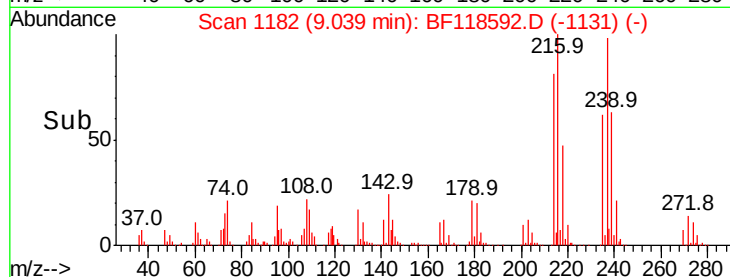
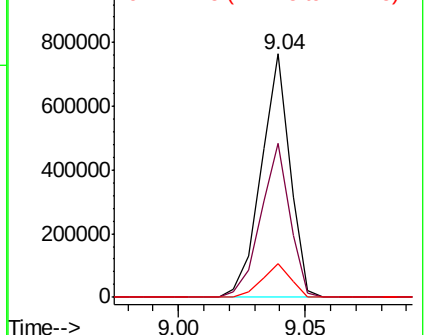
237 100

235 63.3 44.0 84.0

272 14.1 0.0 34.0



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: 88.107 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

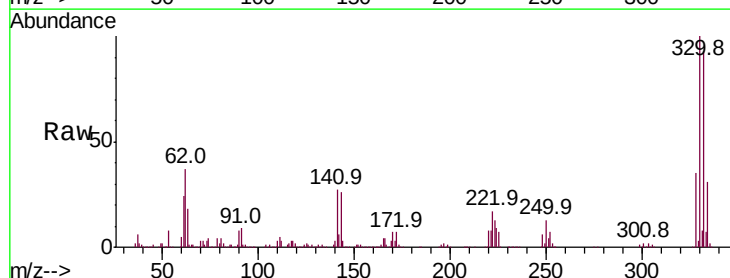
Tgt Ion:330 Resp: 980360

Ion Ratio Lower Upper

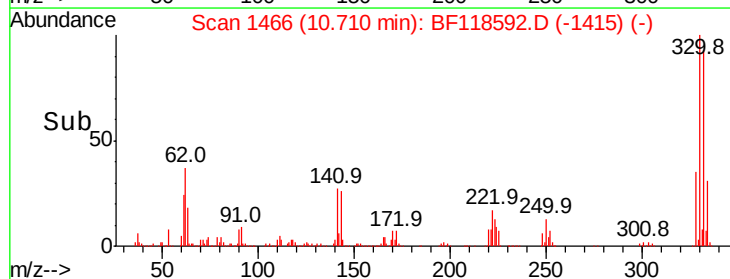
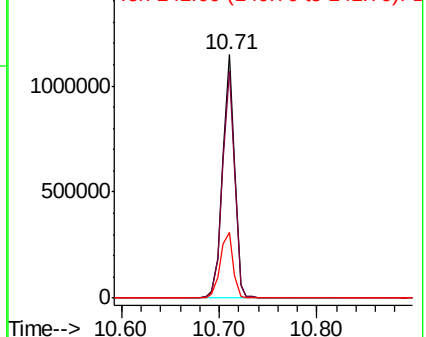
330 100

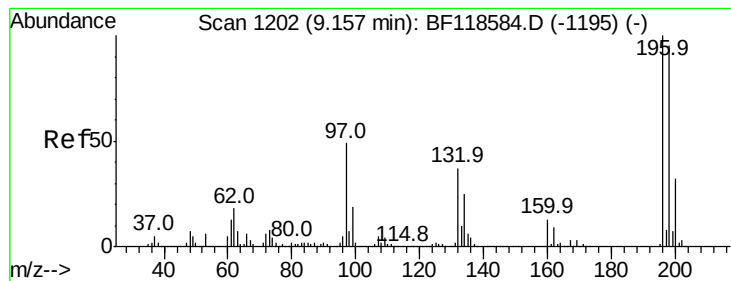
332 95.0 76.2 114.4

141 29.3 23.9 35.9



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

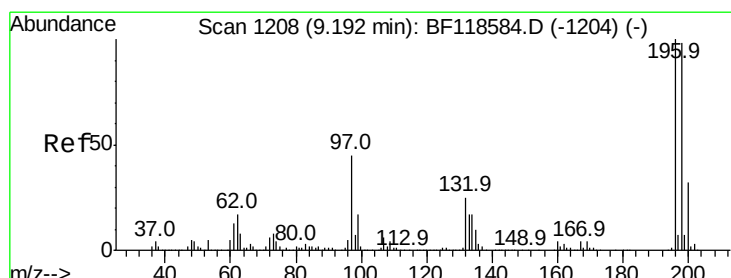
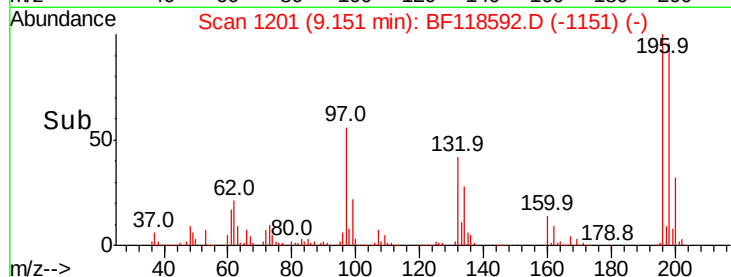
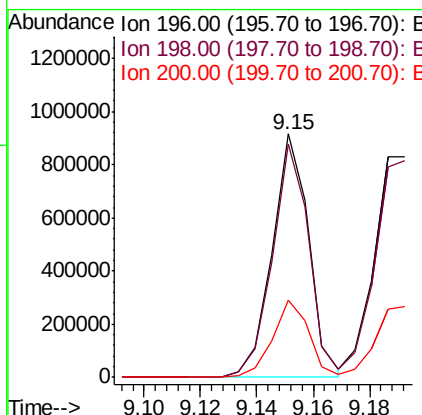
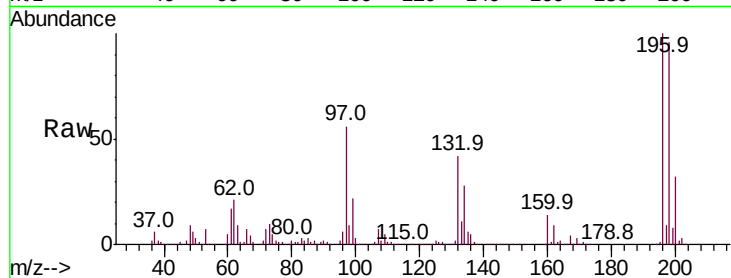




#43
 2,4,6-Trichlorophenol
 Concen: 41.133 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

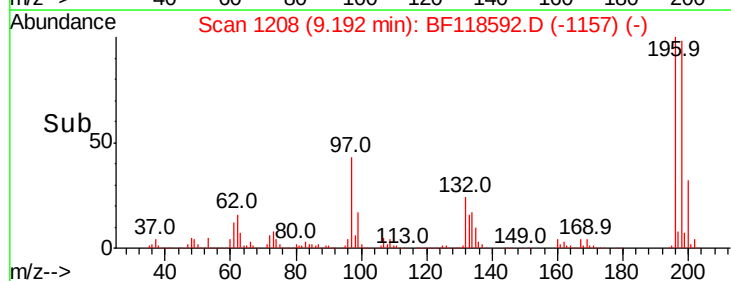
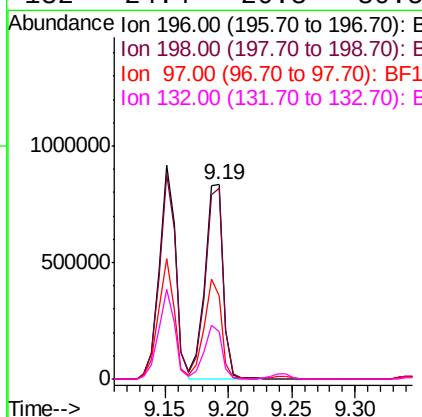
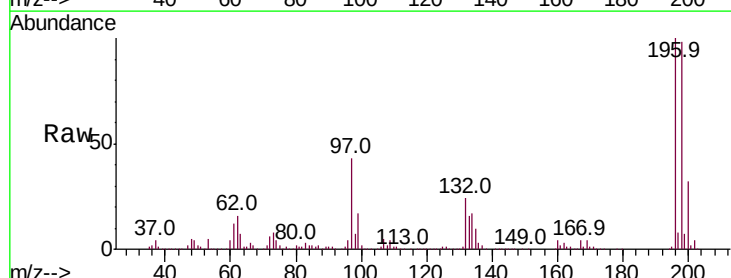
Instrument :
 BNA_F
 ClientSampleId :

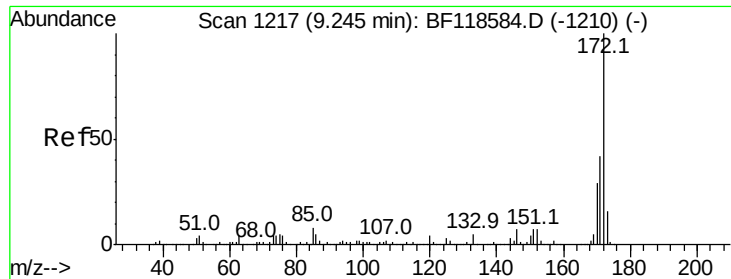
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.3	114.5
200	31.8	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.225 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.3	117.5
97	43.0	35.9	53.9
132	24.4	20.3	30.5

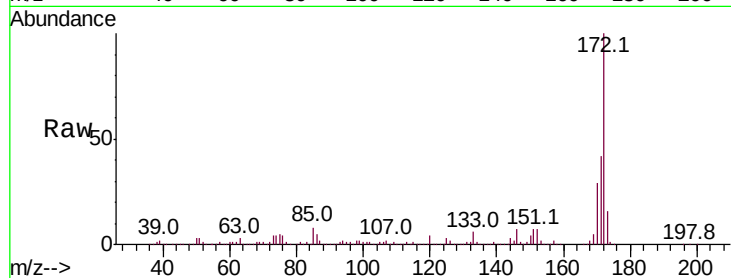




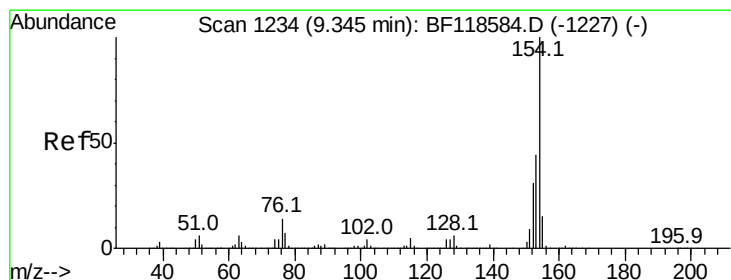
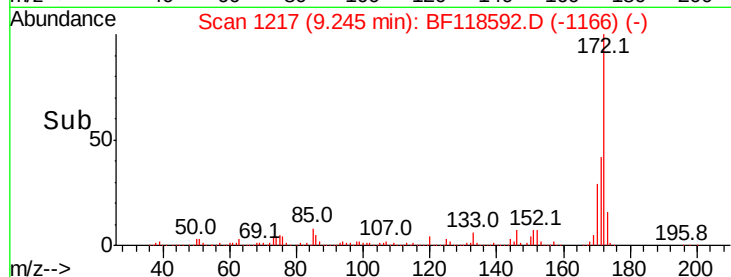
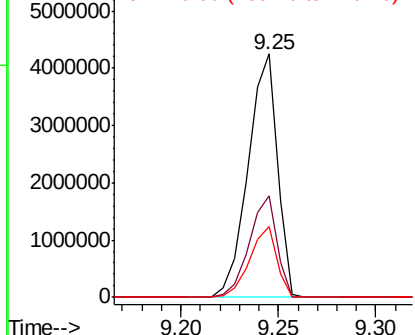
#45
2-Fluorobiphenyl
Concen: 75.423 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4414539
Ion Ratio Lower Upper
172 100
171 41.9 33.4 50.2
170 28.9 23.2 34.8

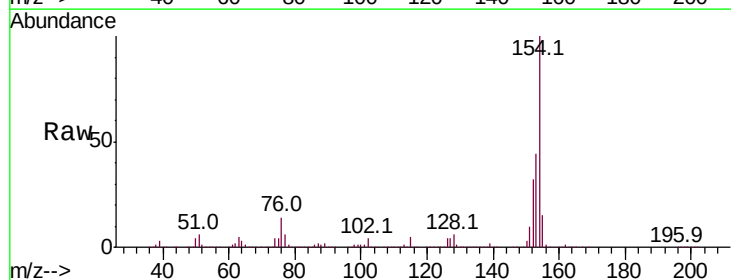


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

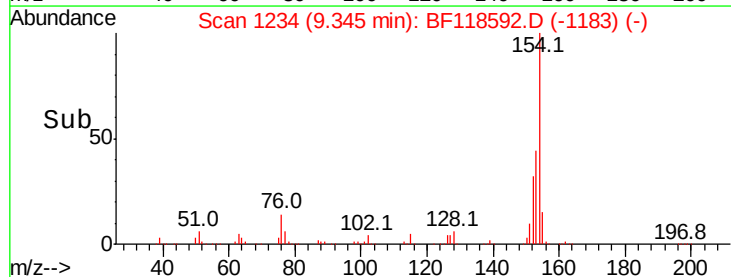
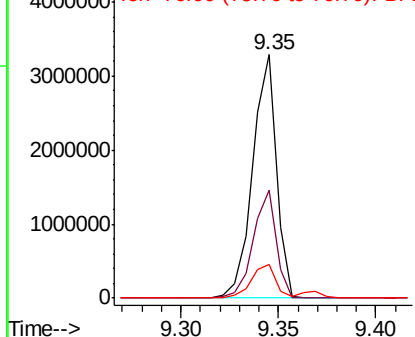


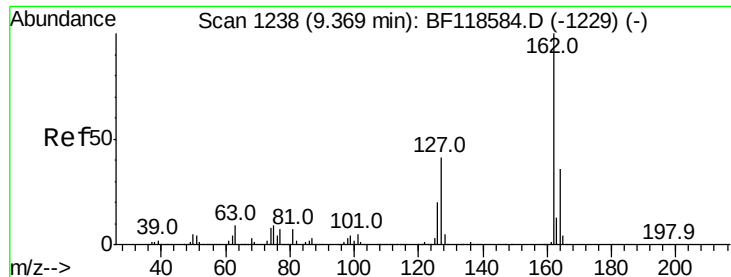
#46
1,1'-Biphenyl
Concen: 41.901 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:154 Resp: 2778108
Ion Ratio Lower Upper
154 100
153 44.4 23.8 63.8
76 13.6 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



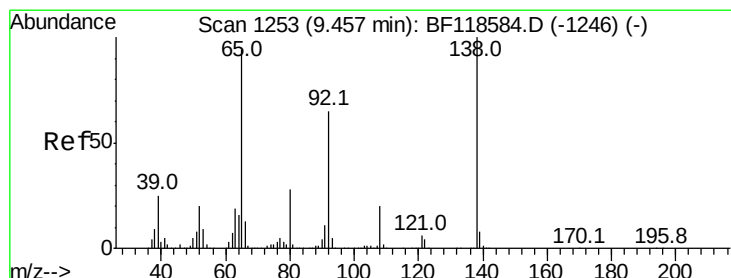
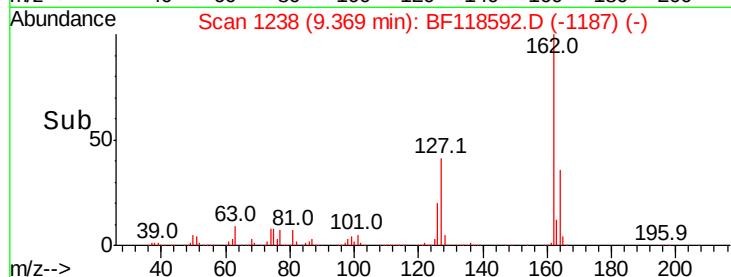
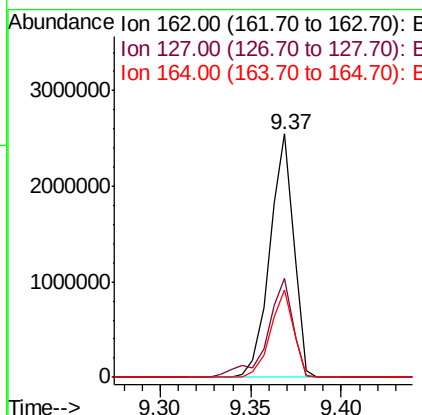
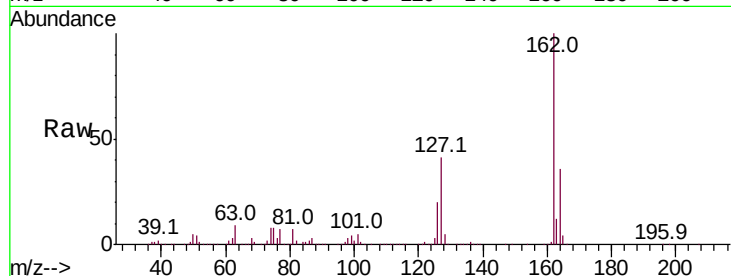


#47
 2-Chloronaphthalene
 Concen: 41.578 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2323582

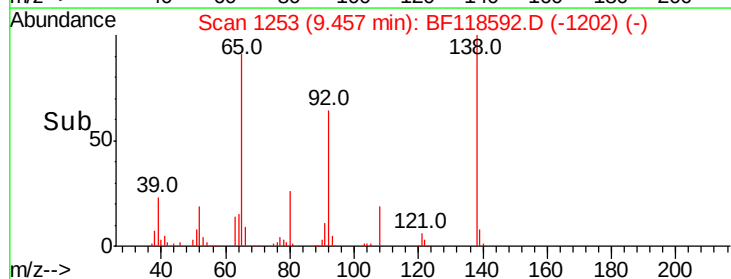
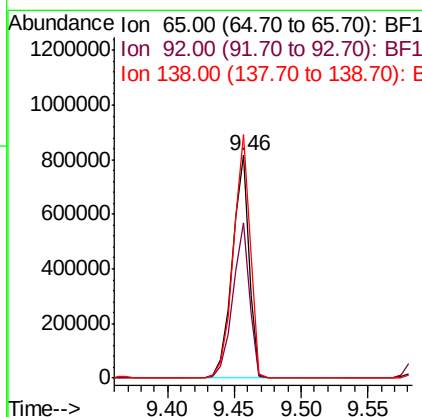
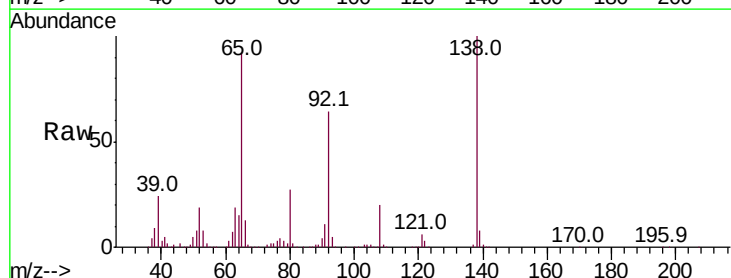
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.0	49.6
164	36.1	28.6	42.8

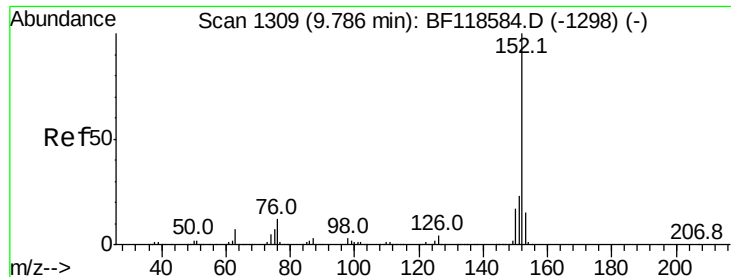


#48
 2-Nitroaniline
 Concen: 42.360 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion: 65 Resp: 727693

Ion	Ratio	Lower	Upper
65	100		
92	70.0	55.4	83.0
138	109.2	85.0	127.6





#49

Acenaphthylene

Concen: 42.045 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

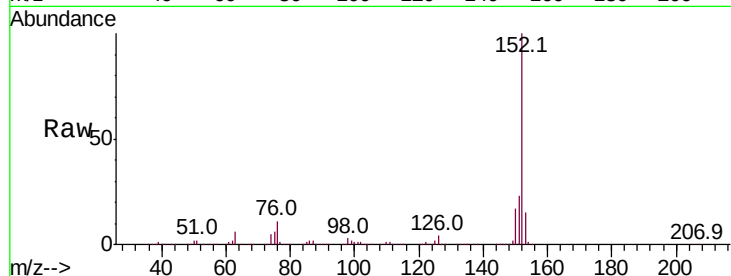
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3305543

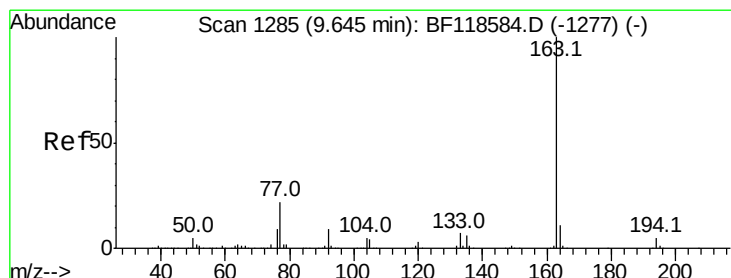
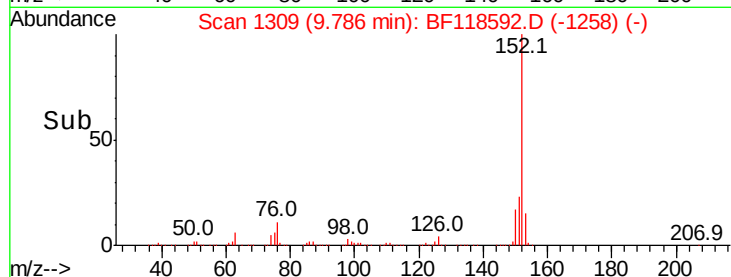
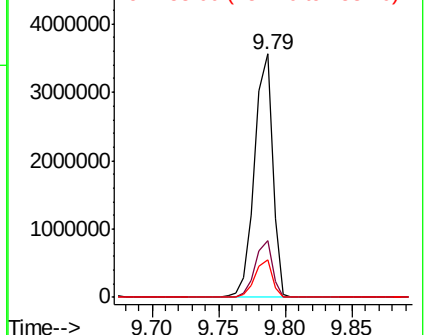
Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.6	27.8
153	15.2	12.2	18.4



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: 42.228 ng

RT: 9.65 min Scan# 1285

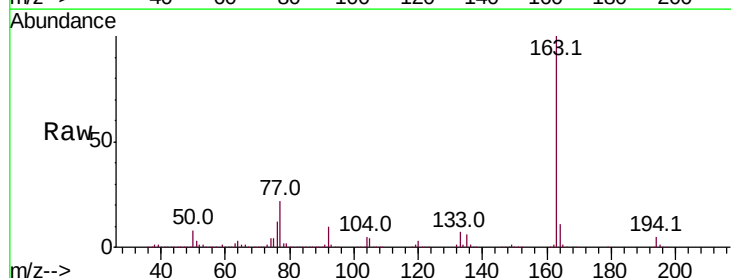
Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:163 Resp: 2646735

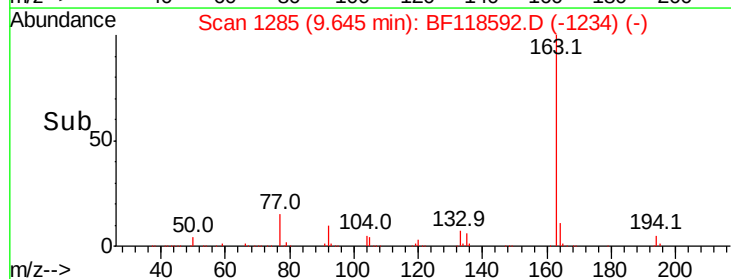
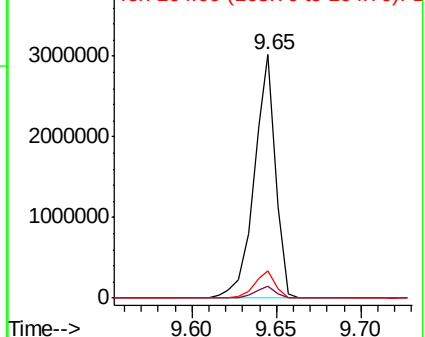
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.9	5.9
164	11.4	9.1	13.7

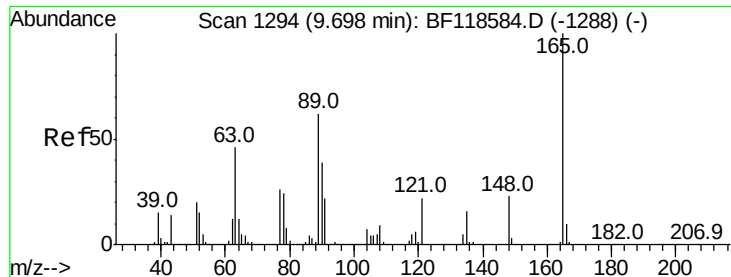


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

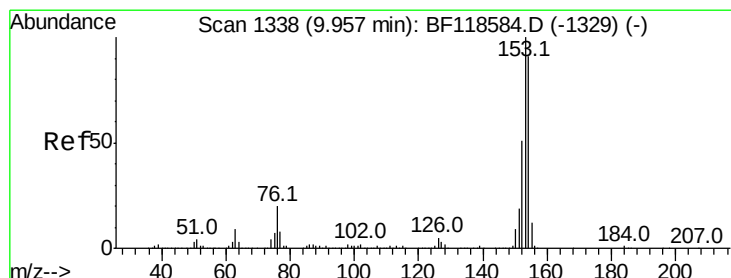
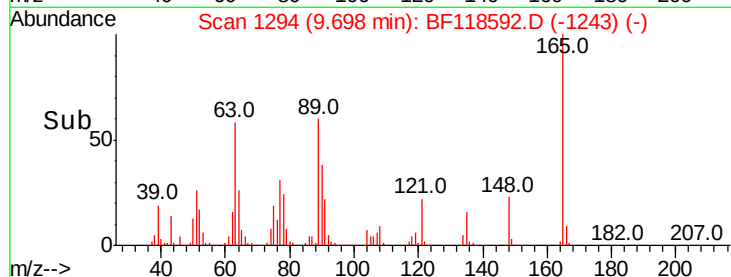
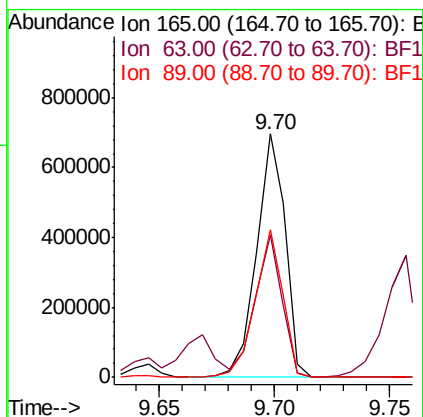
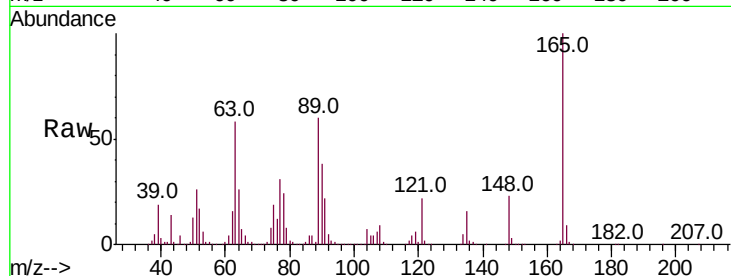




#51
 2,6-Dinitrotoluene
 Concen: 42.945 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

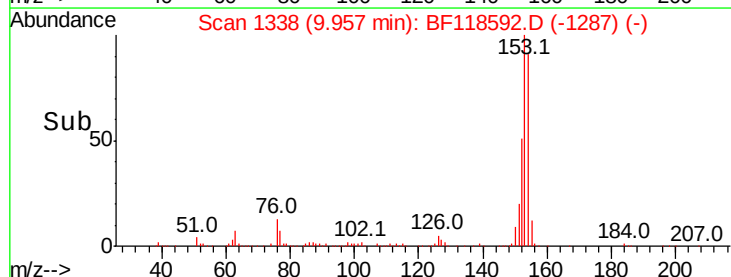
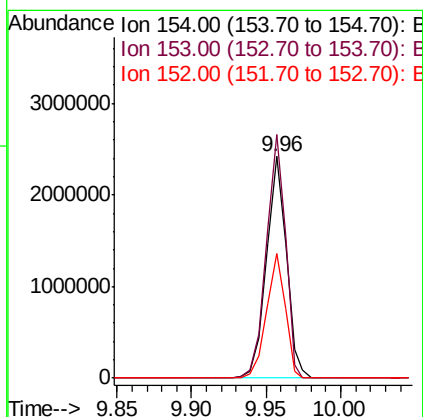
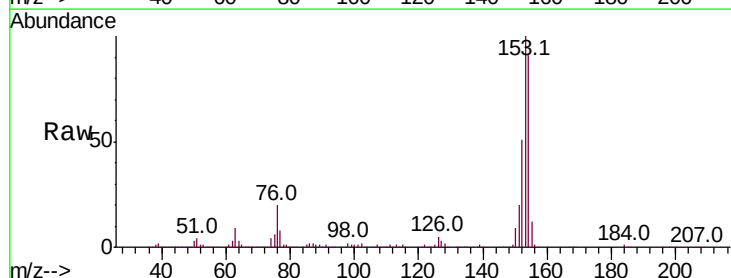
Instrument :
 BNA_F
 ClientSampled :

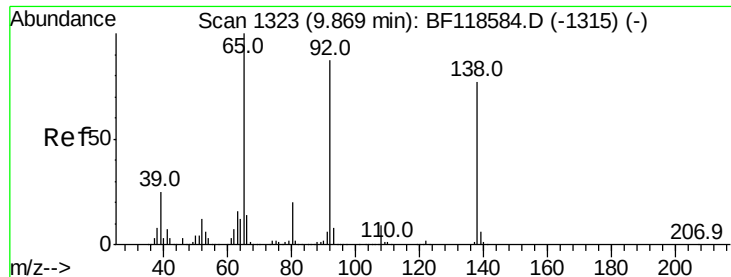
Tot Ion:165 Resp: 602731
 Ion Ratio Lower Upper
 165 100
 63 58.3 48.9 73.3
 89 60.4 49.8 74.6



#52
 Acenaphthene
 Concen: 42.511 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion:154 Resp: 2234783
 Ion Ratio Lower Upper
 154 100
 153 109.8 87.6 131.4
 152 55.9 44.4 66.6

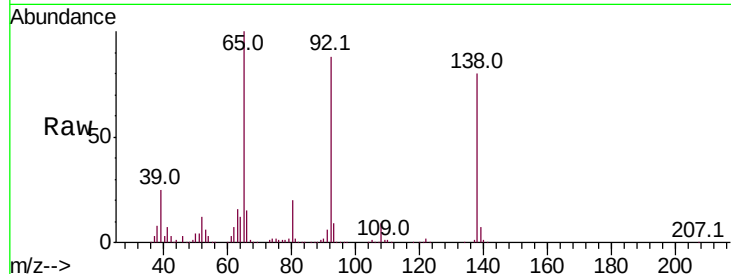




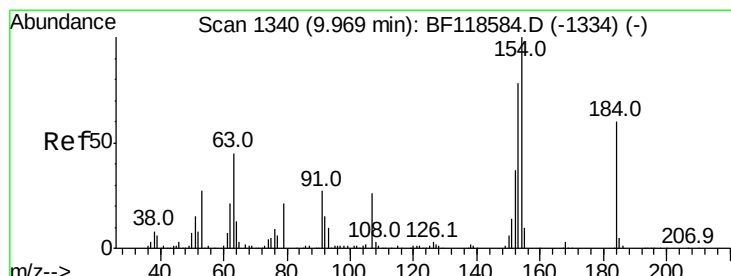
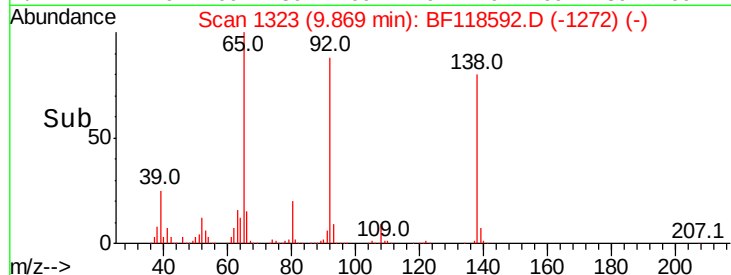
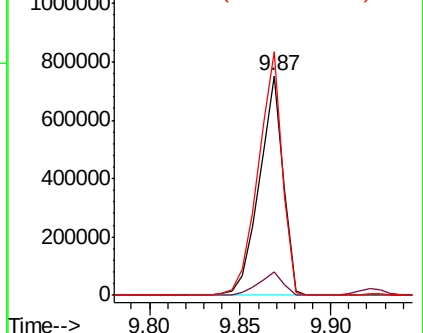
#53
3-Nitroaniline
Concen: 42.889 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 687355
Ion Ratio Lower Upper
138 100
108 10.9 9.6 14.4
92 111.0 90.6 136.0

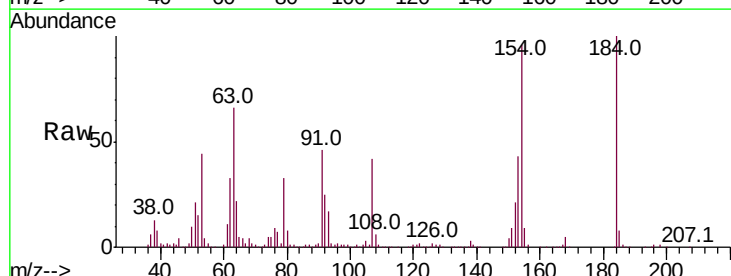


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

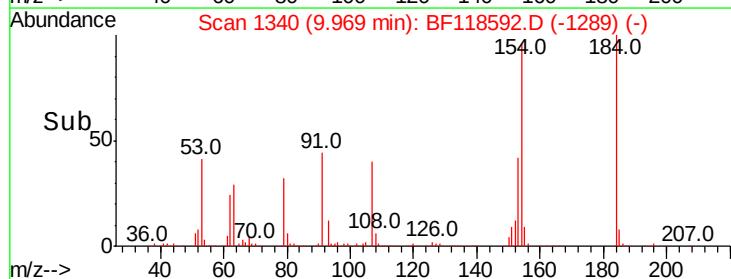
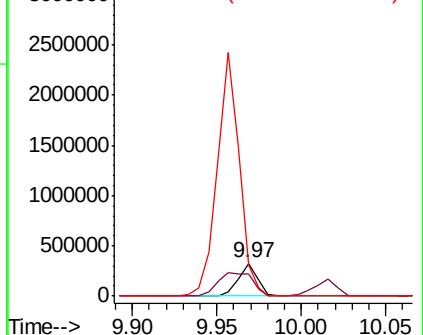


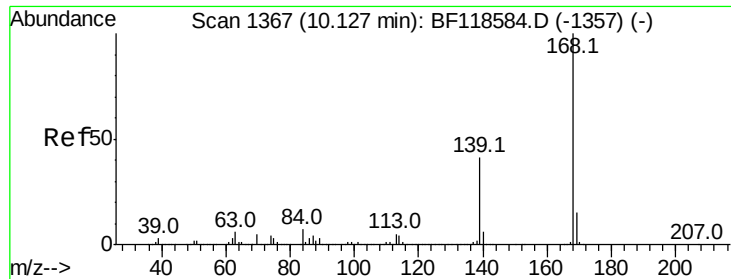
#54
2,4-Dinitrophenol
Concen: 44.736 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:184 Resp: 250664
Ion Ratio Lower Upper
184 100
63 65.8 60.6 90.8
154 95.9 137.3 205.9#



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





#55

Dibenzofuran

Concen: 42.961 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

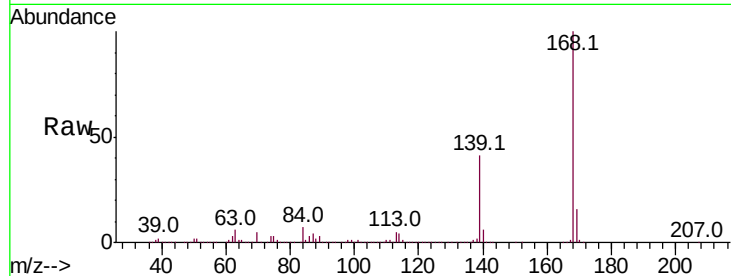
Tot Ion:168 Resp: 3129779

Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

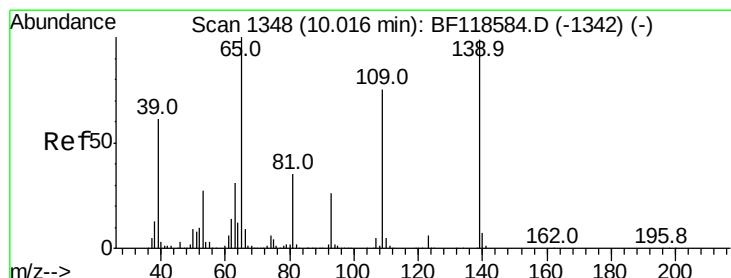
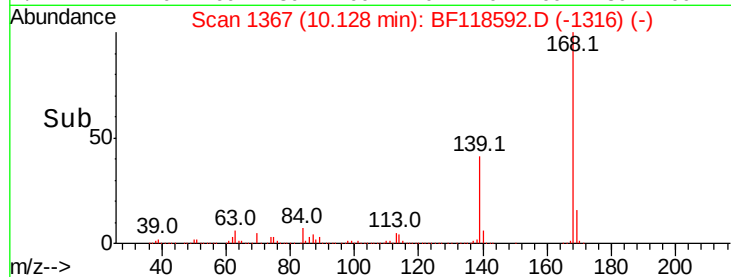
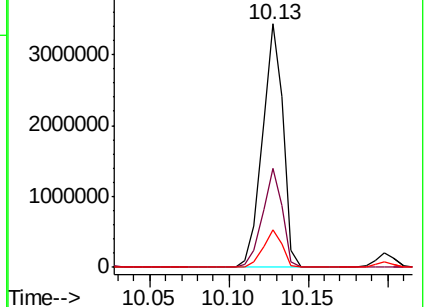
169 15.6 12.2 18.2



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: 43.118 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

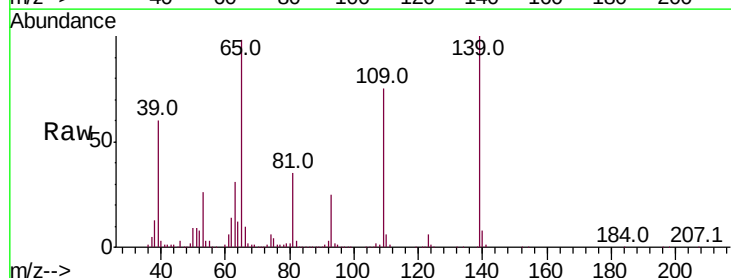
Tgt Ion:139 Resp: 521649

Ion Ratio Lower Upper

139 100

109 74.6 56.0 96.0

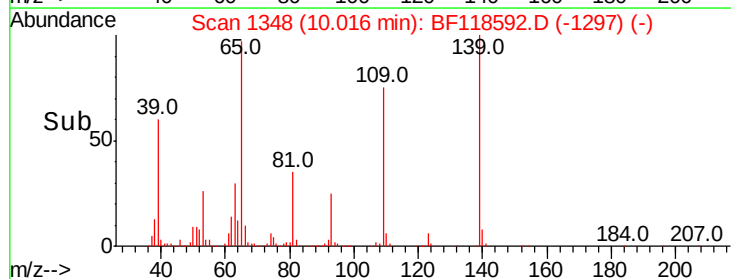
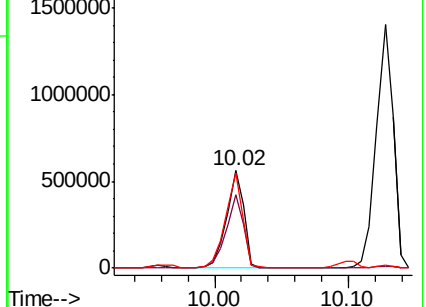
65 97.6 81.4 121.4

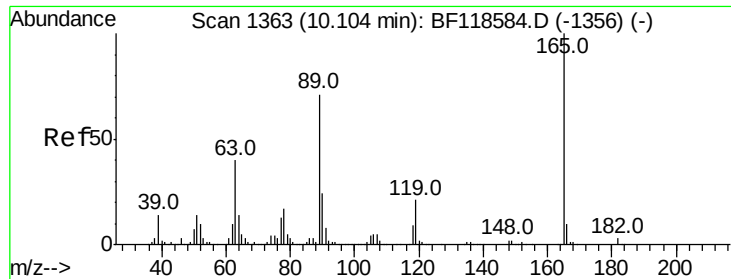


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

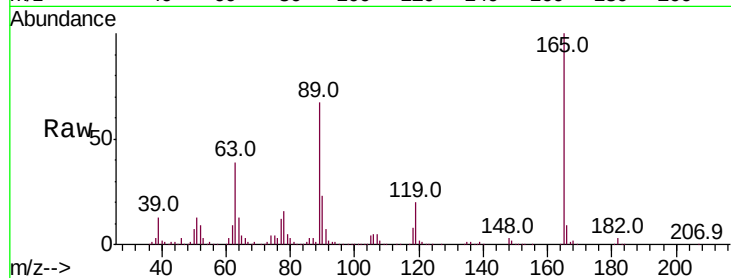




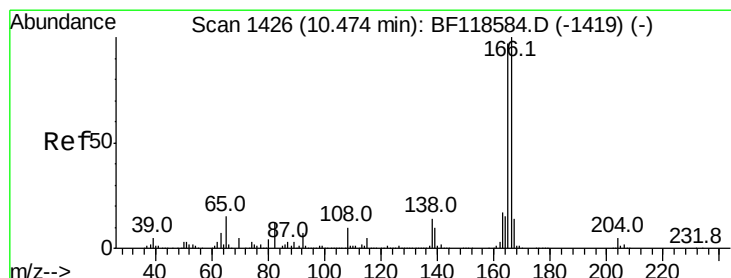
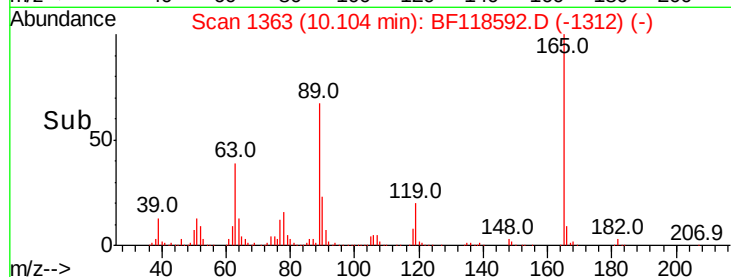
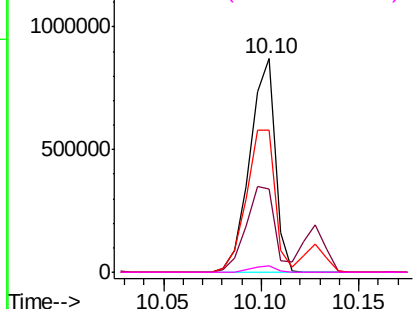
#57
2,4-Dinitrotoluene
Concen: 44.507 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.7	32.4	48.6
89	66.7	56.4	84.6
182	2.9	2.3	3.5

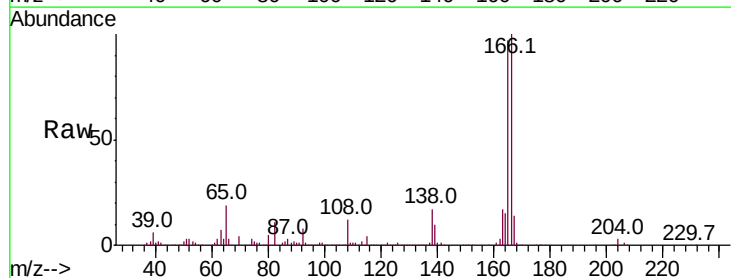


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

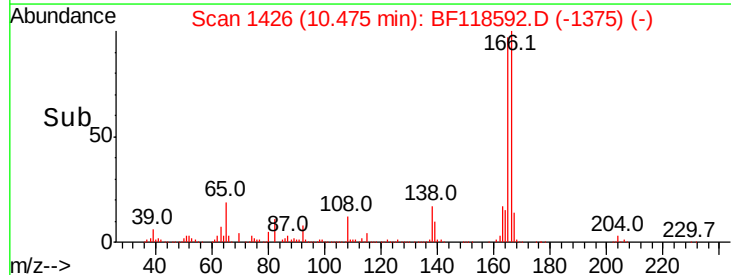
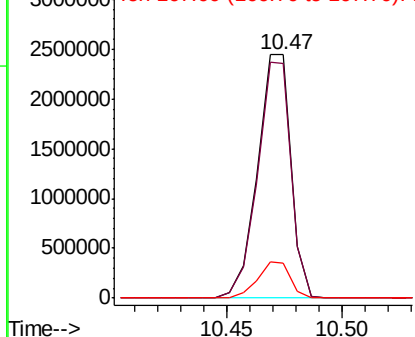


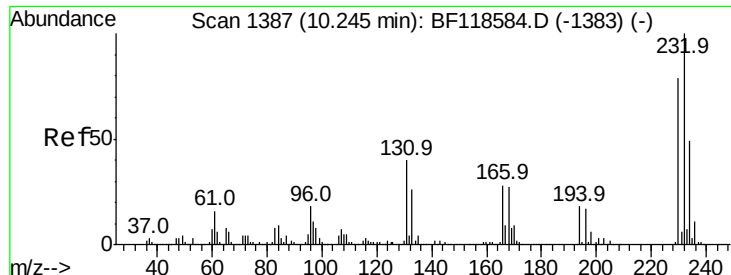
#58
Fluorene
Concen: 43.152 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.3	115.9
167	14.2	11.5	17.3



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

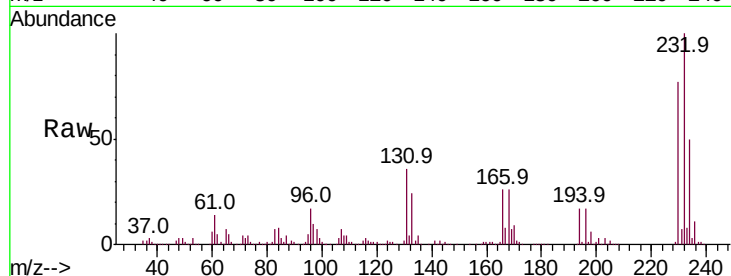




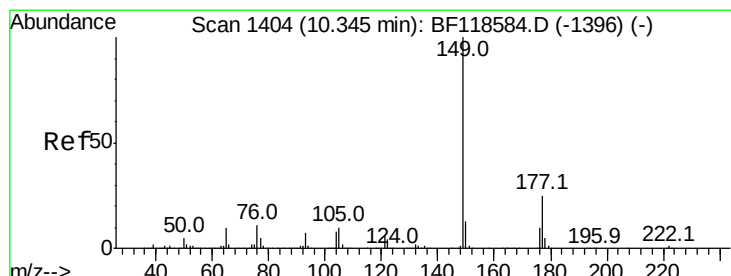
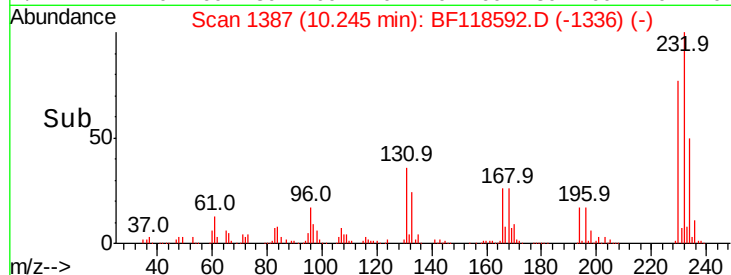
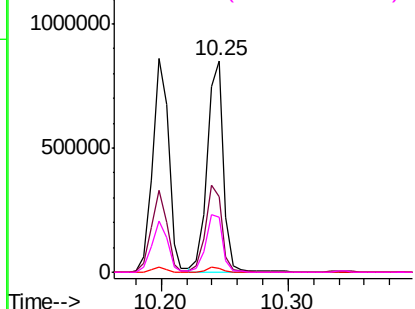
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.500 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	762571
Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.2	49.8
130	2.1	1.8	2.6
166	28.3	22.6	33.8

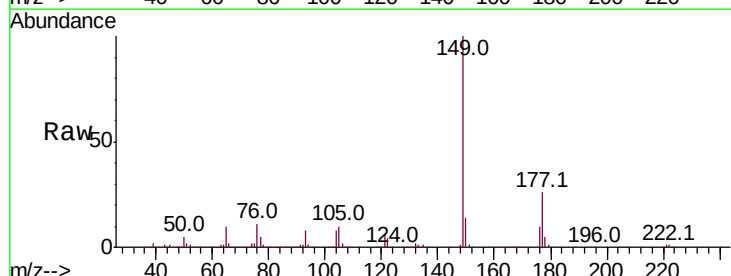


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

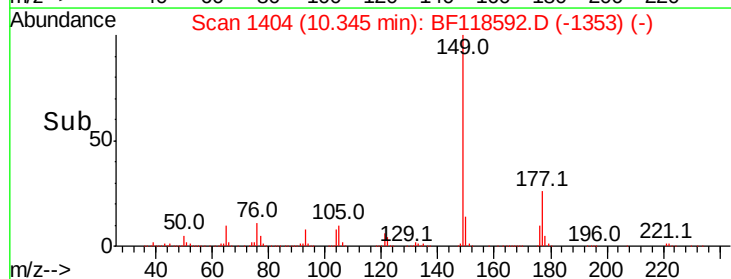
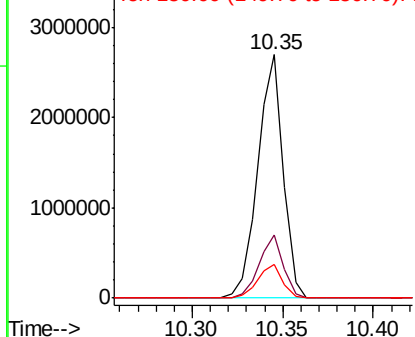


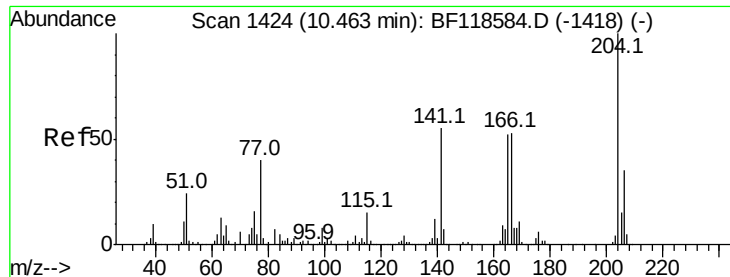
#60
 Diethylphthalate
 Concen: 42.970 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion:	149	Resp:	2611266
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.0	30.0
150	13.7	10.6	16.0



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

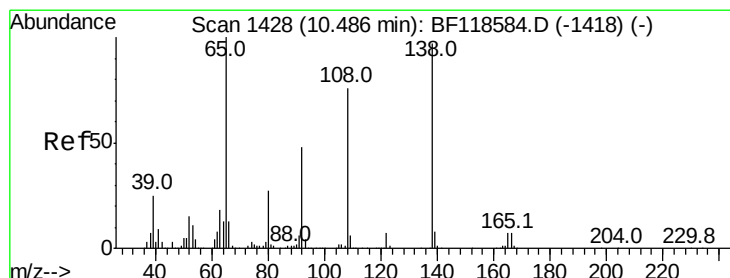
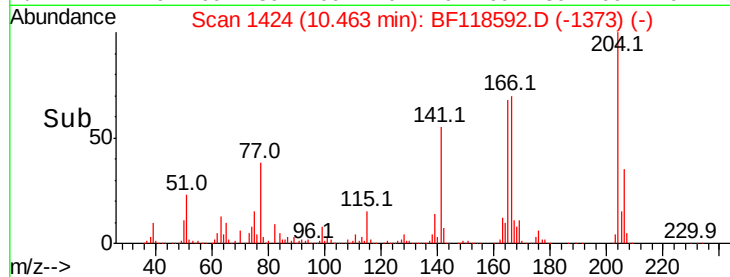
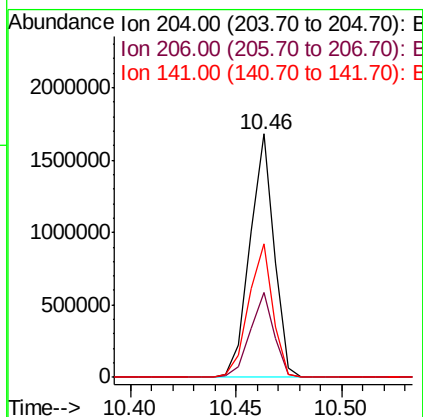
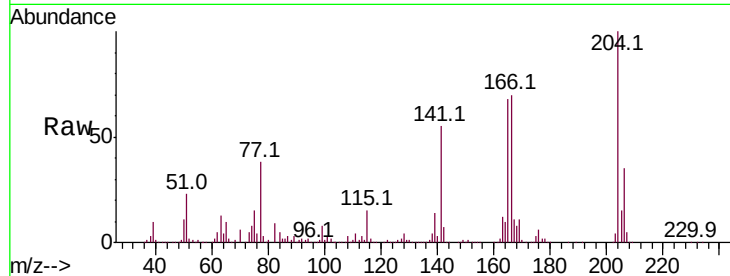




#61
4-Chlorophenyl-phenylether
Concen: 43.073 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

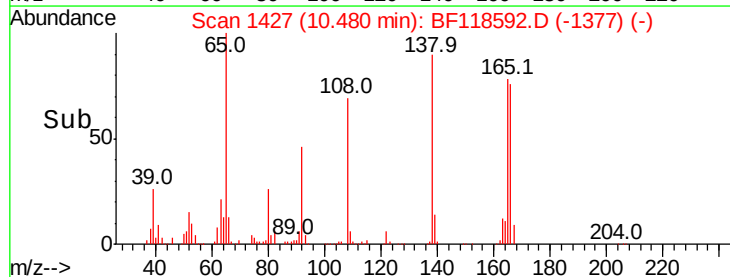
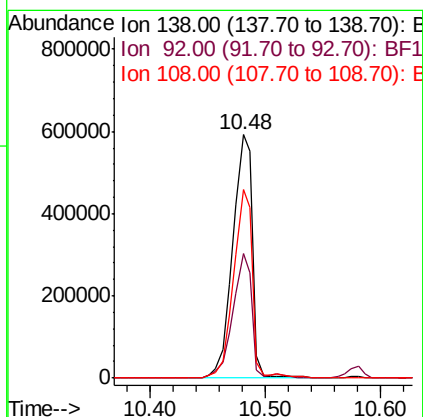
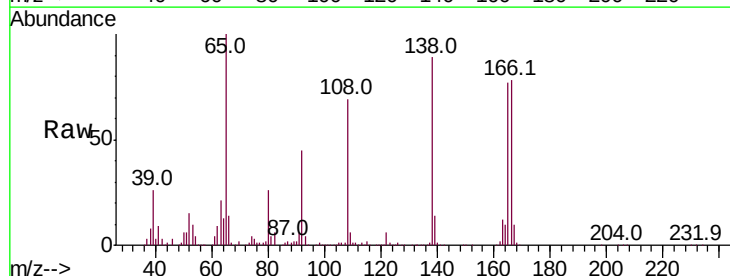
Instrument :
BNA_F
ClientSampled :

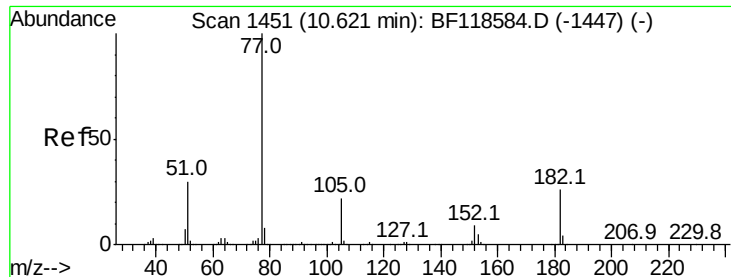
Tot Ion:204 Resp: 1339826
Ion Ratio Lower Upper
204 100
206 35.0 27.8 41.6
141 54.6 43.7 65.5



#62
4-Nitroaniline
Concen: 42.618 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:138 Resp: 700588
Ion Ratio Lower Upper
138 100
92 51.0 29.4 69.4
108 77.6 58.2 98.2





#63

Azobenzene

Concen: 42.883 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

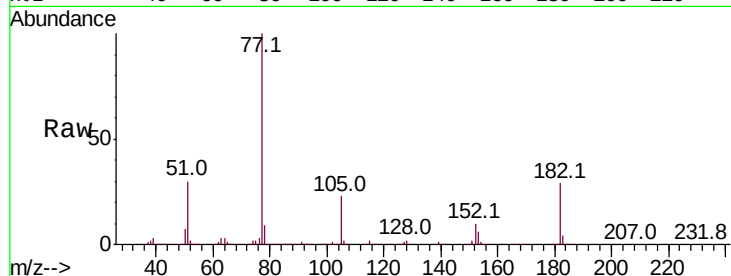
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2523832

Ion	Ratio	Lower	Upper
77	100		
182	29.5	5.6	45.6
105	23.2	2.0	42.0
51	30.3	10.2	50.2

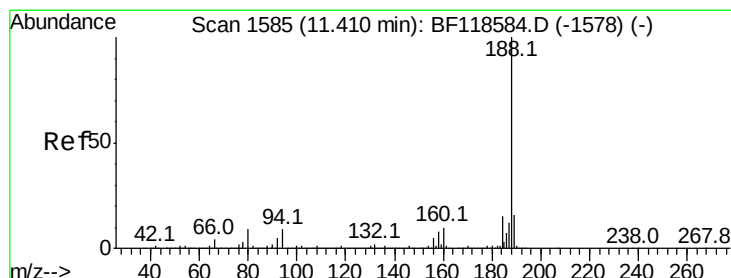
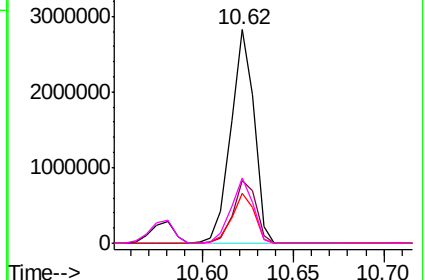
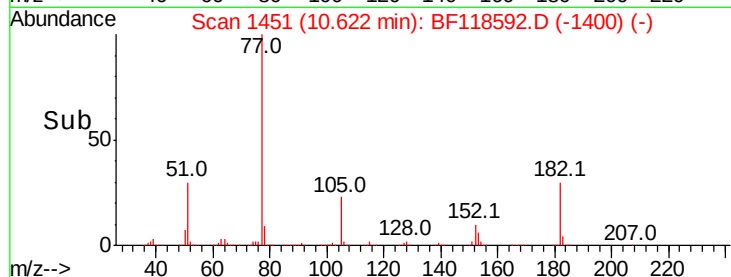


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

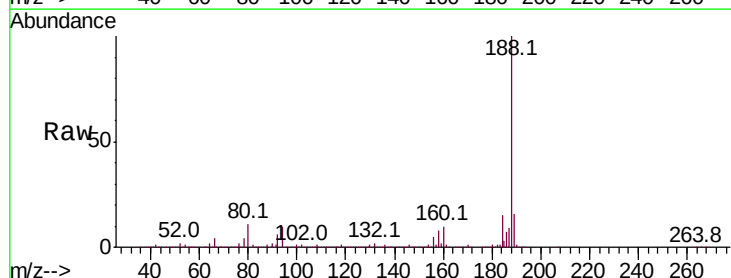
Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion: 188 Resp: 1788121

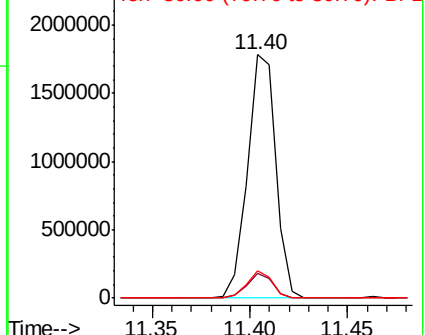
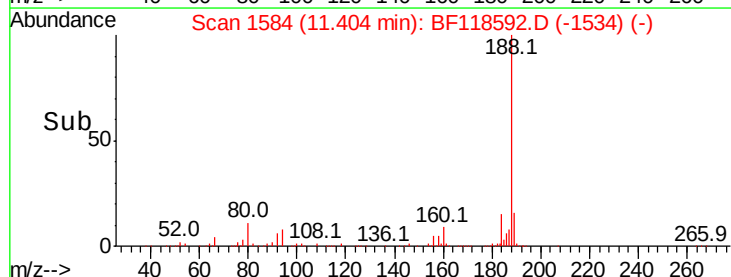
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.1	10.7
80	11.1	7.5	11.3

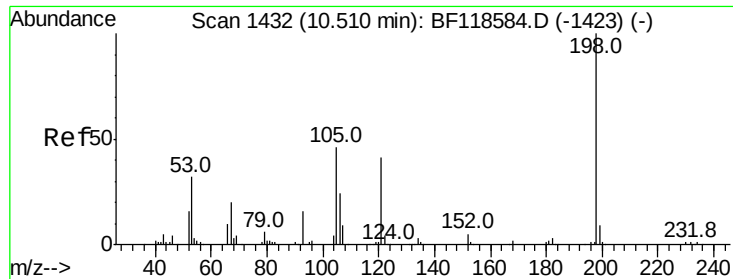


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

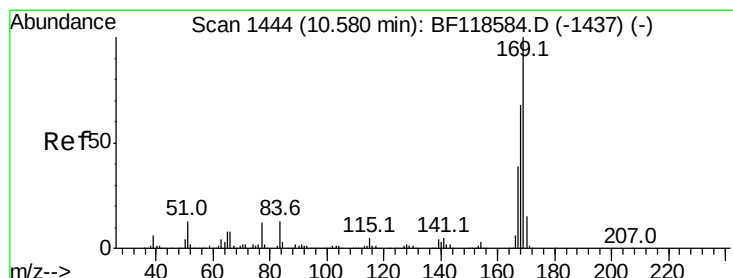
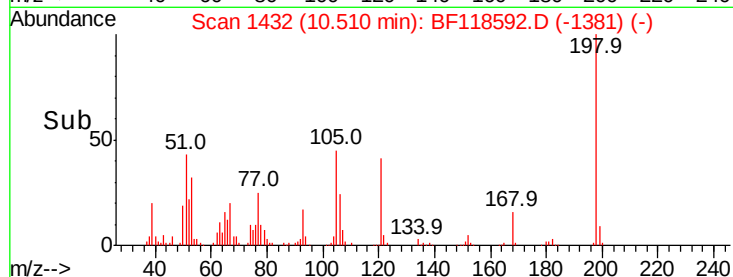
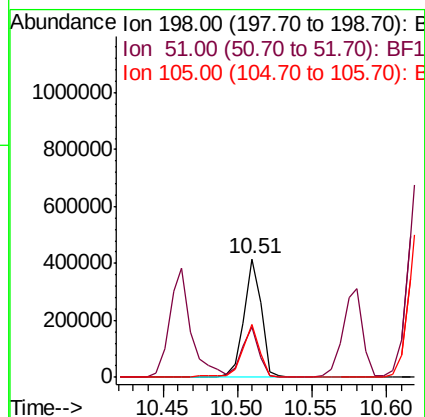
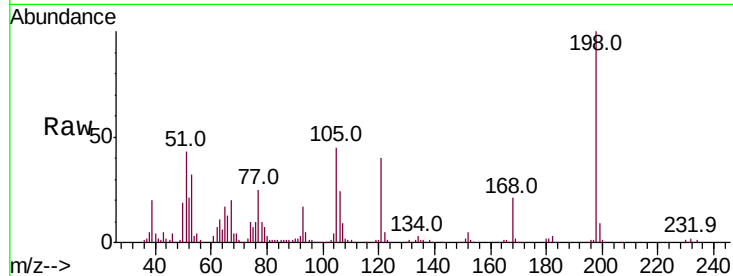




#65
4,6-Dinitro-2-methylphenol
Concen: 42.943 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

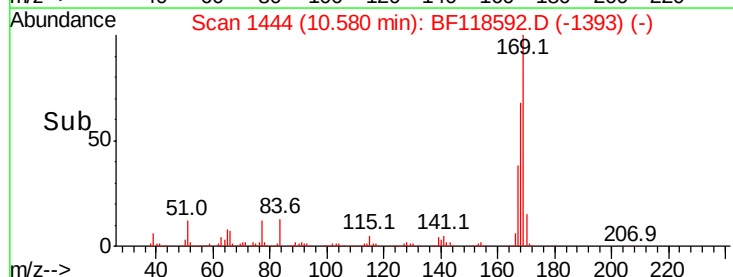
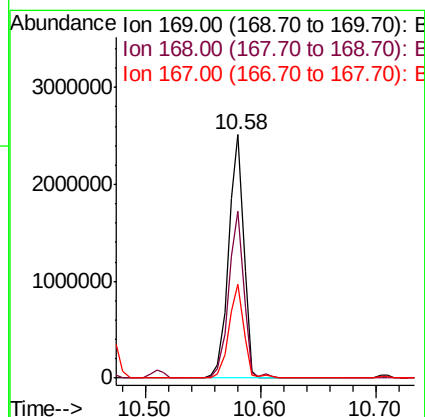
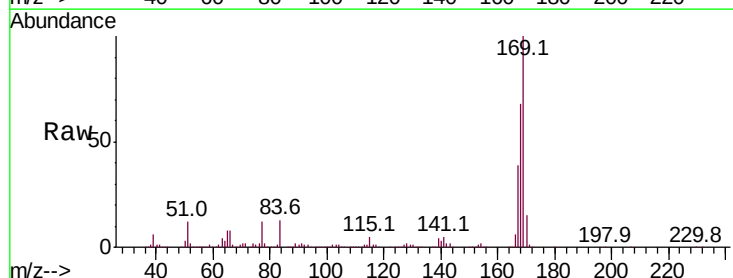
Instrument :
BNA_F
ClientSampleId :

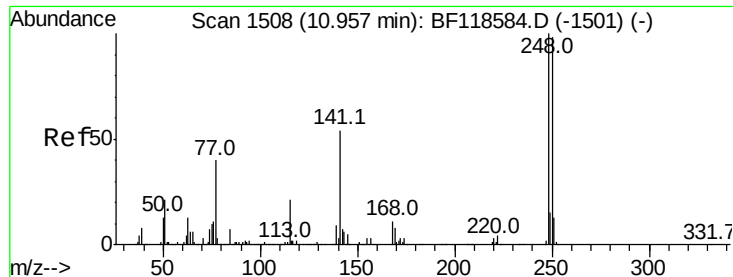
Tot Ion:198 Resp: 337649
Ion Ratio Lower Upper
198 100
51 43.0 25.2 65.2
105 44.7 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 41.928 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:169 Resp: 2260969
Ion Ratio Lower Upper
169 100
168 68.3 54.6 82.0
167 38.5 30.9 46.3

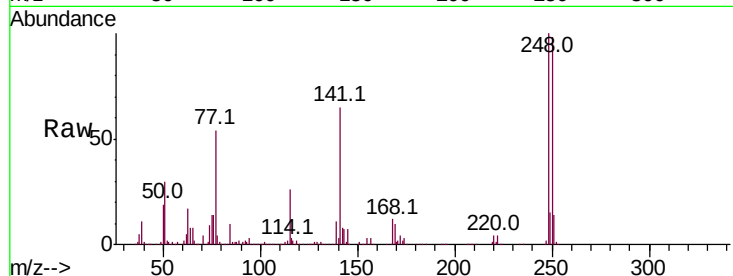




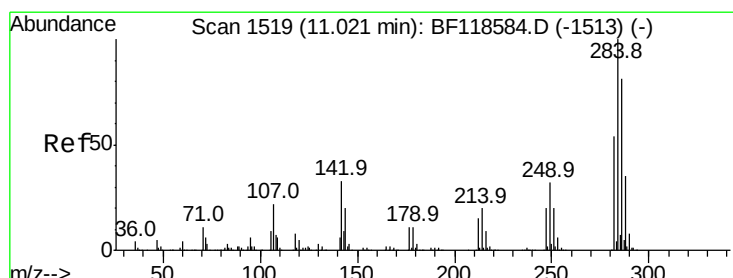
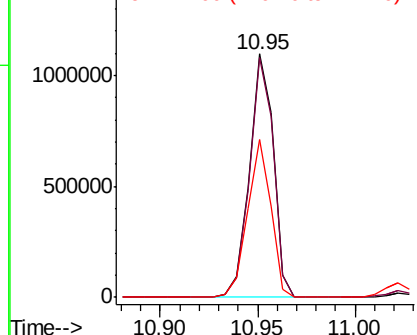
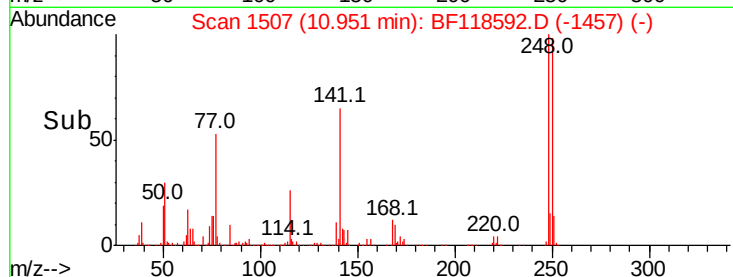
#67
4-Bromophenyl-phenylether
Concen: 42.023 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 928350
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 65.1 43.2 64.8#

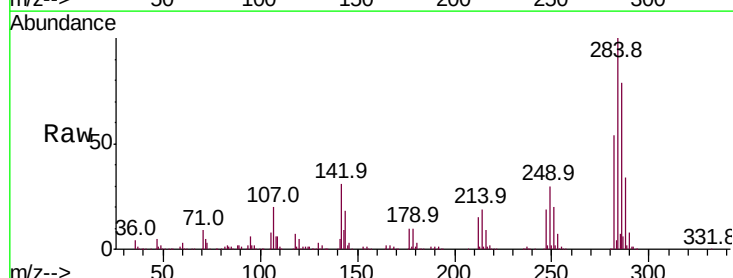


Abundance Ion 248.00 (247.70 to 248.70): E
1500000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

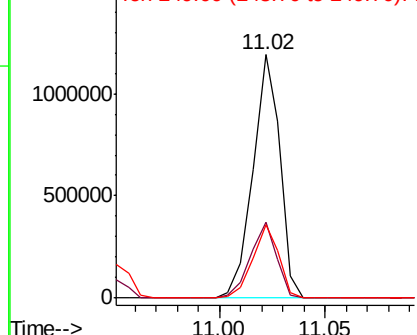
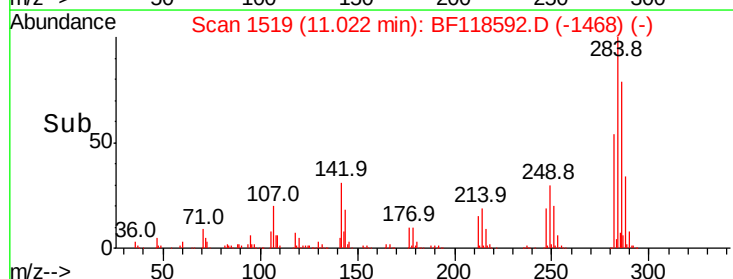


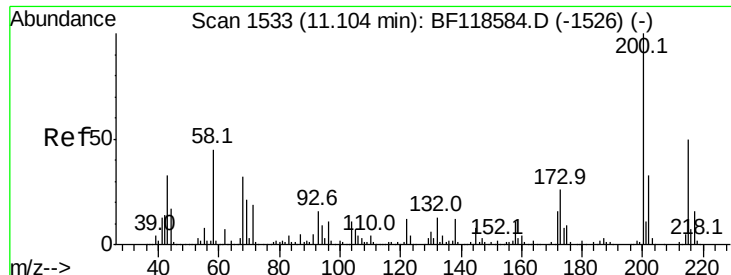
#68
Hexachlorobenzene
Concen: 42.243 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:284 Resp: 1058018
Ion Ratio Lower Upper
284 100
142 30.9 26.6 39.8
249 30.4 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
1500000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

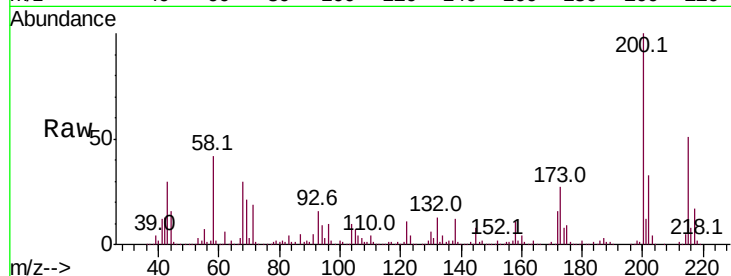




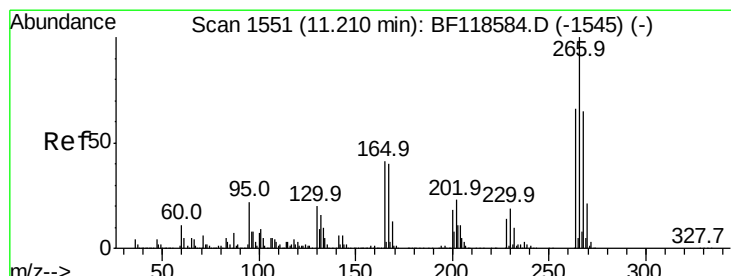
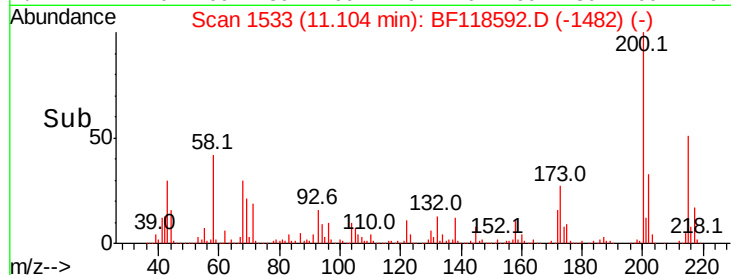
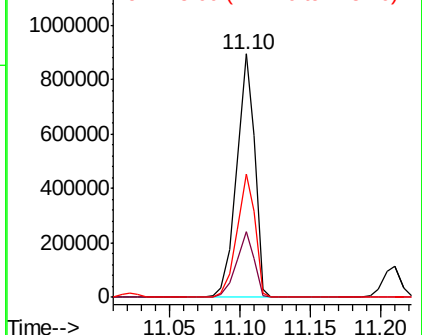
#69
Atrazine
Concen: 42.400 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 792480
Ion Ratio Lower Upper
200 100
173 27.0 6.3 46.3
215 50.6 30.2 70.2

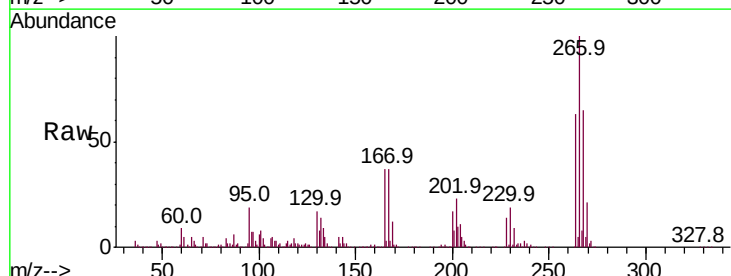


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

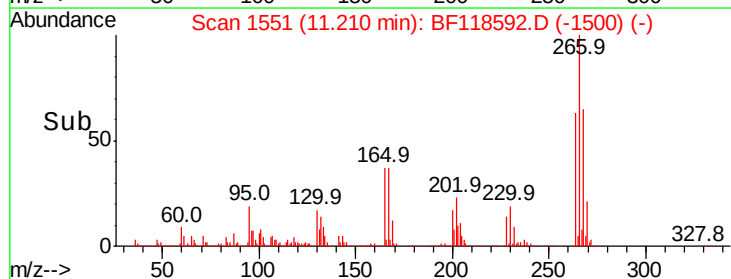
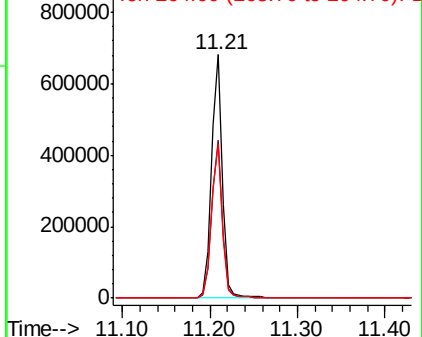


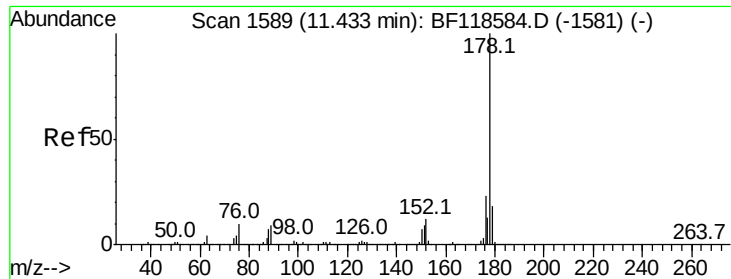
#70
Pentachlorophenol
Concen: 42.536 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:266 Resp: 592329
Ion Ratio Lower Upper
266 100
268 64.9 52.1 78.1
264 63.4 52.4 78.6



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

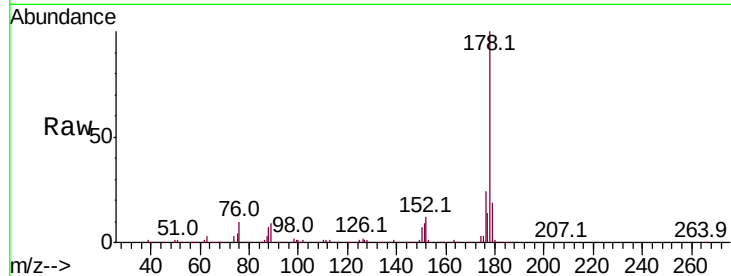




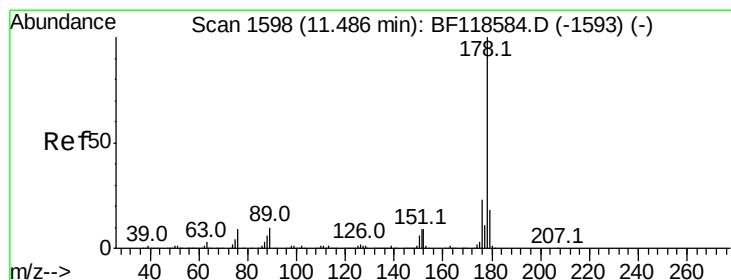
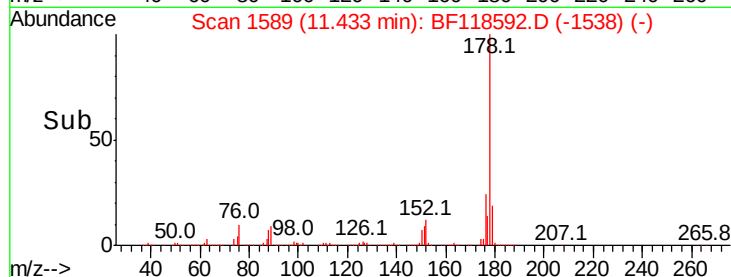
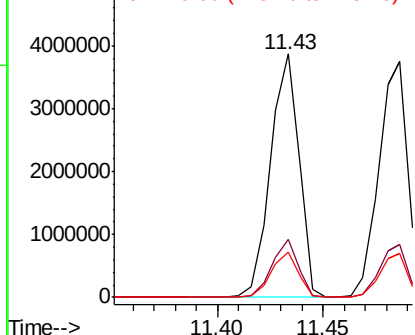
#71
Phenanthrene
Concen: 42.100 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 3631824
Ion Ratio Lower Upper
178 100
176 23.6 18.6 27.8
179 18.6 14.7 22.1

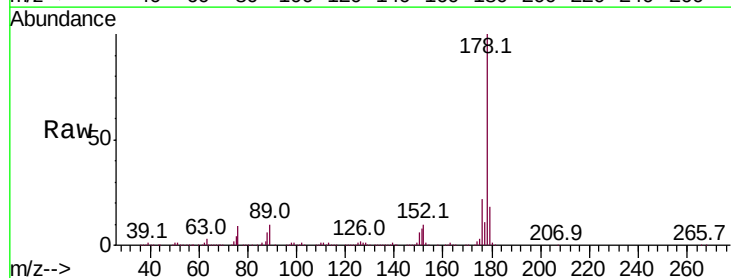


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

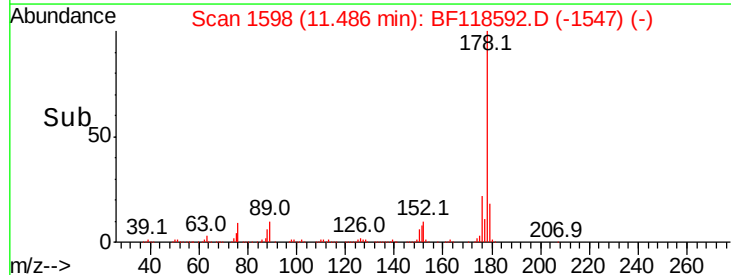
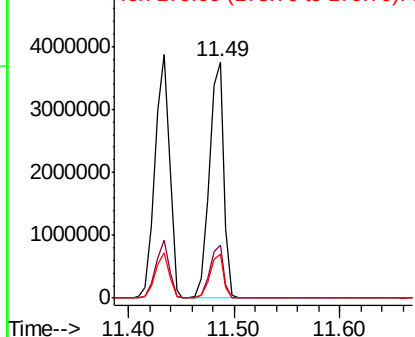


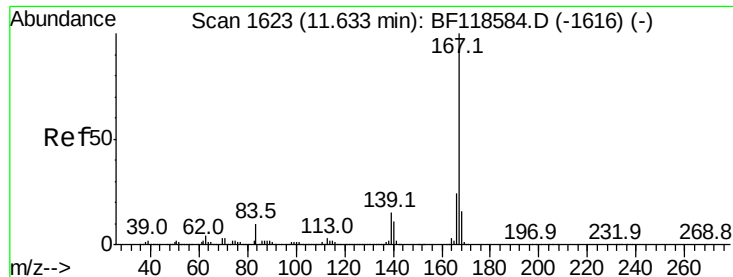
#72
Anthracene
Concen: 42.257 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:178 Resp: 3607093
Ion Ratio Lower Upper
178 100
176 22.4 18.0 27.0
179 18.4 14.7 22.1



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



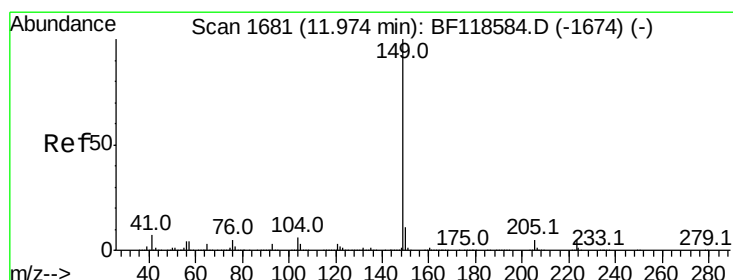
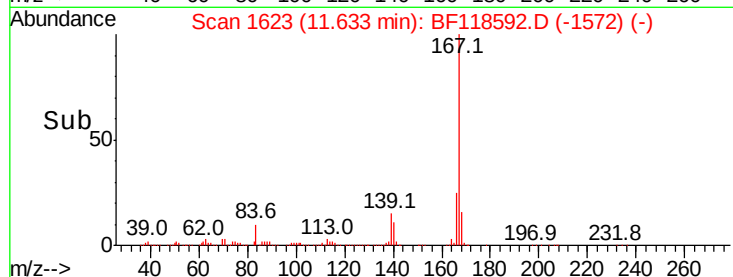
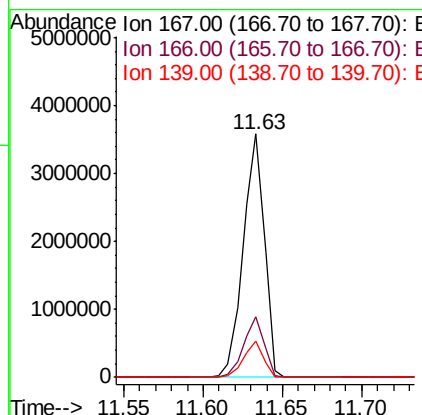
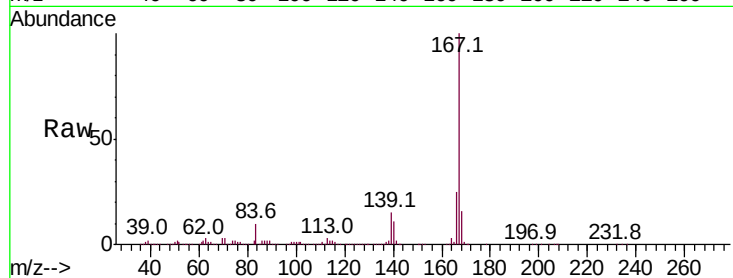


#73
 Carbazole
 Concen: 42.078 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3294555

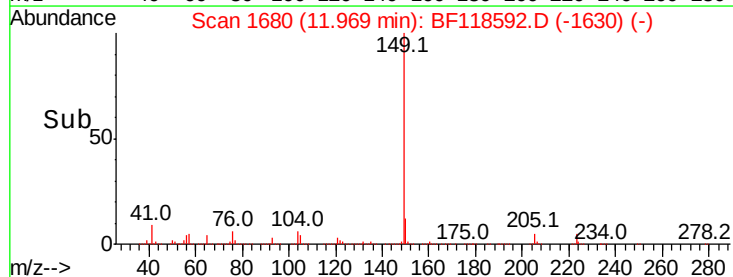
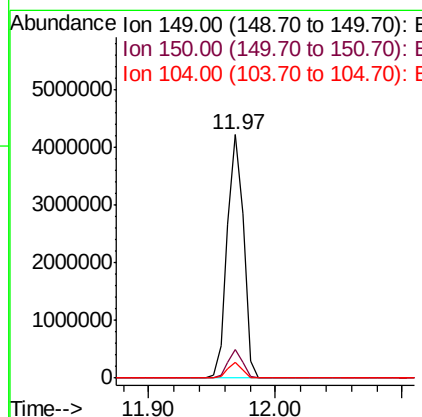
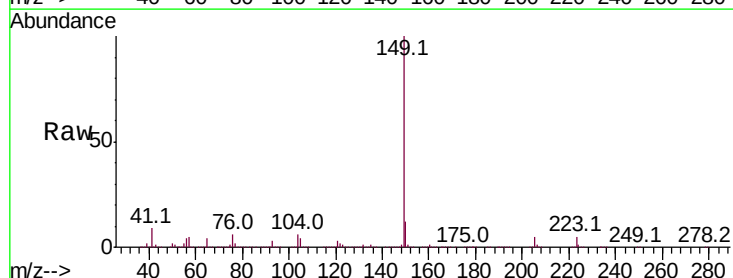
Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.4	29.2
139	14.8	11.7	17.5

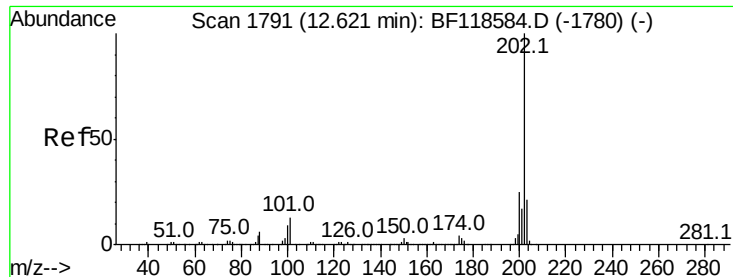


#74
 Di-n-butylphthalate
 Concen: 43.318 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion:149 Resp: 3768125

Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.7	13.1
104	6.3	4.6	6.8





#75

Fluoranthene

Concen: 42.626 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampled :

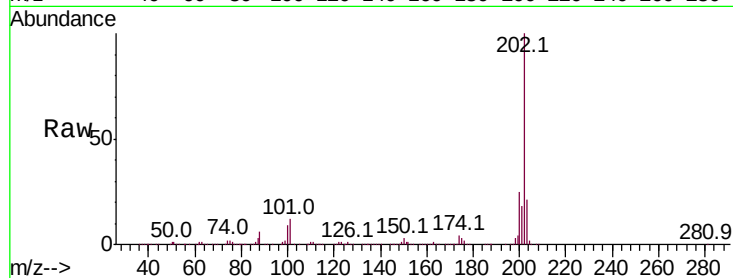
Tot Ion:202 Resp: 3878378

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.5

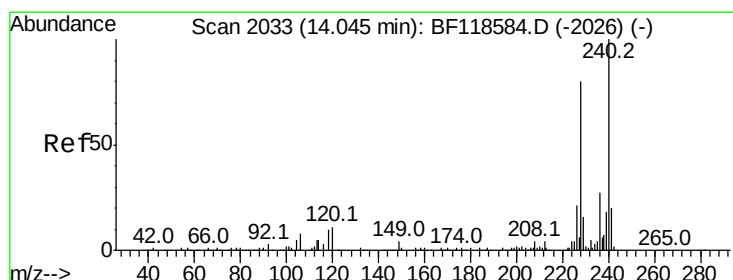
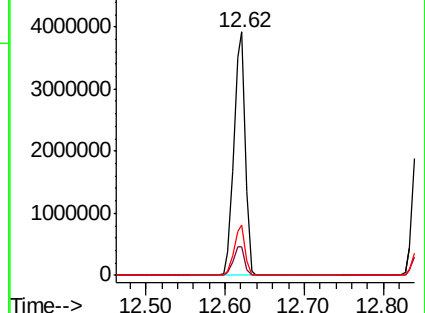
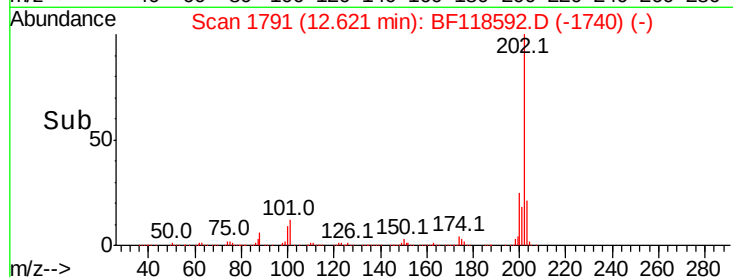
203 20.9 0.8 40.8



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: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

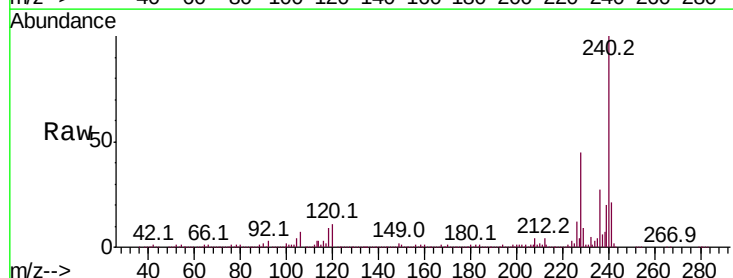
Tgt Ion:240 Resp: 1407147

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

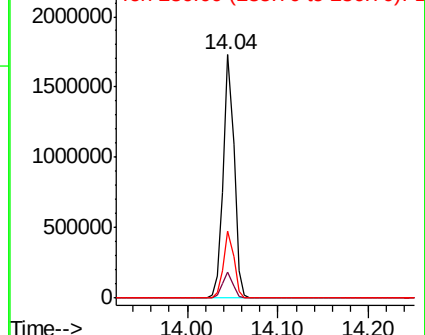
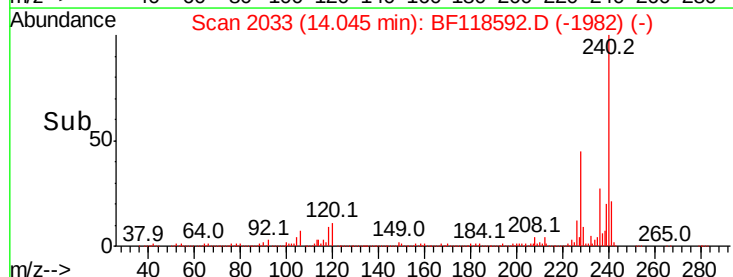
236 27.5 21.5 32.3

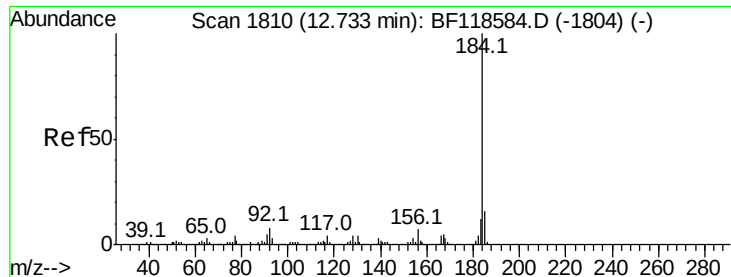


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.044 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

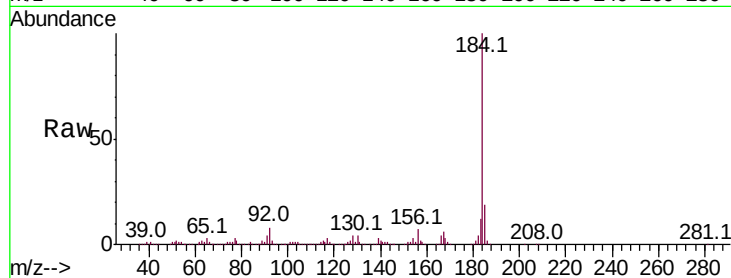
Tot Ion:184 Resp: 1693561

Ion Ratio Lower Upper

184 100

185 18.6 12.9 19.3

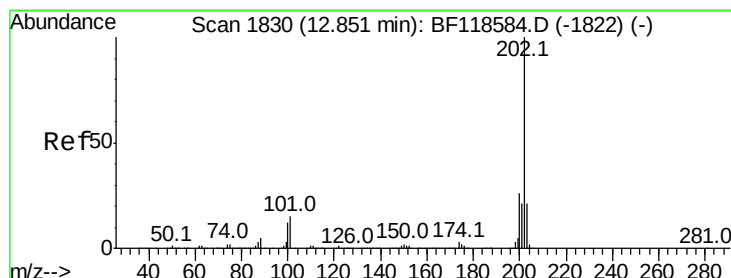
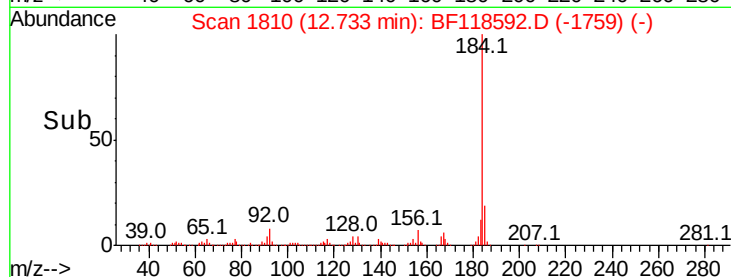
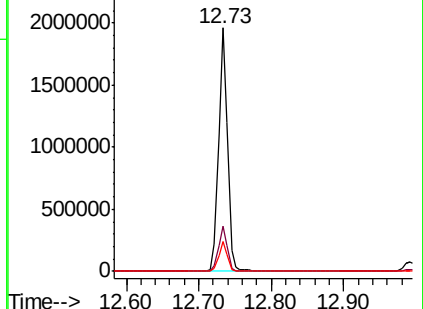
183 12.3 9.6 14.4



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: 40.714 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

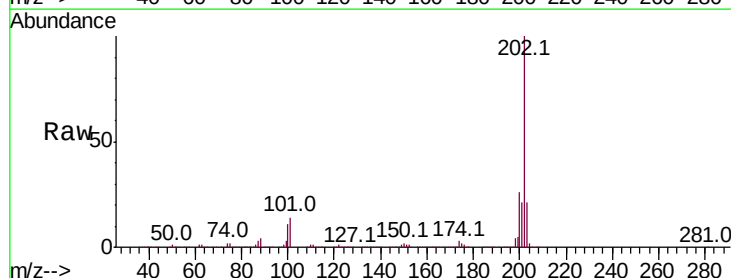
Tgt Ion:202 Resp: 3889513

Ion Ratio Lower Upper

202 100

200 25.9 20.6 31.0

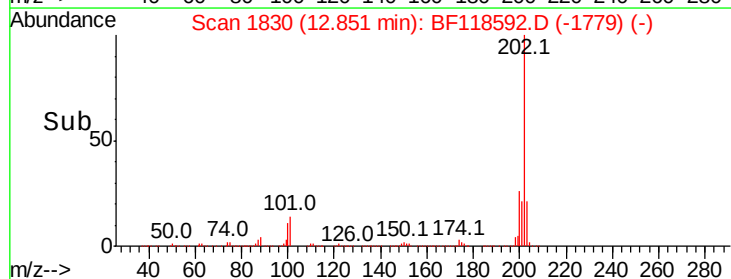
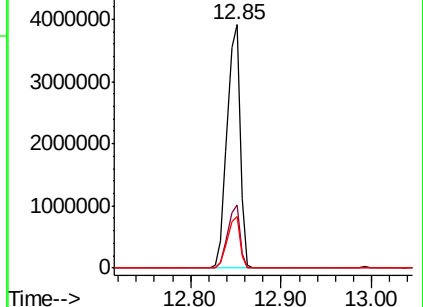
203 21.1 16.8 25.2

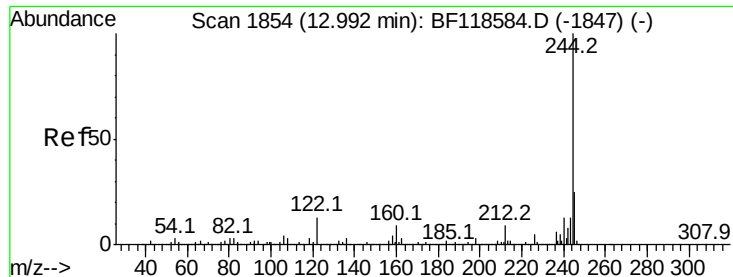


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.401 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

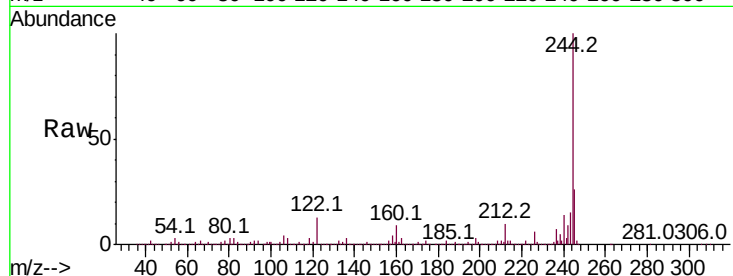
Tot Ion:244 Resp: 5251654

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.4

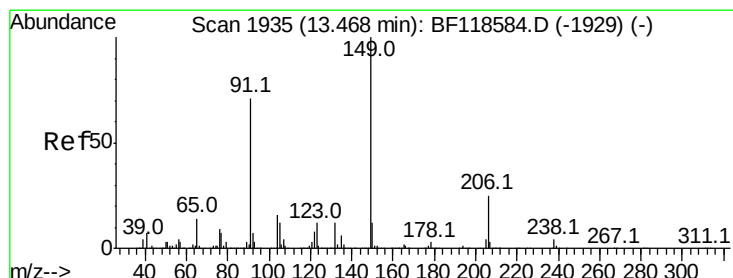
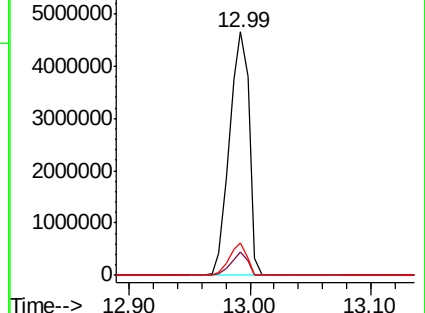
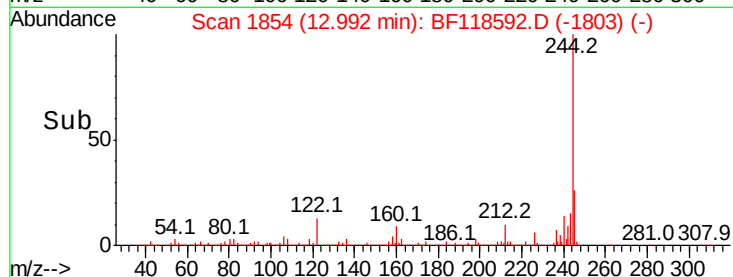
122 13.2 10.7 16.1



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: 42.512 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

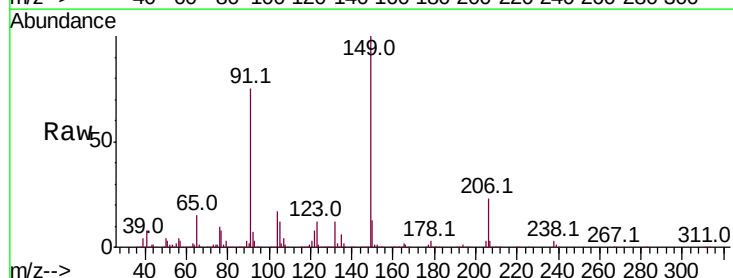
Tgt Ion:149 Resp: 1662116

Ion Ratio Lower Upper

149 100

91 74.9 56.5 84.7

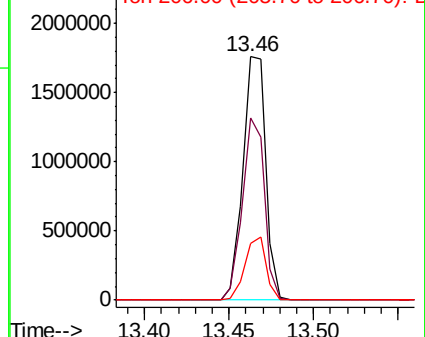
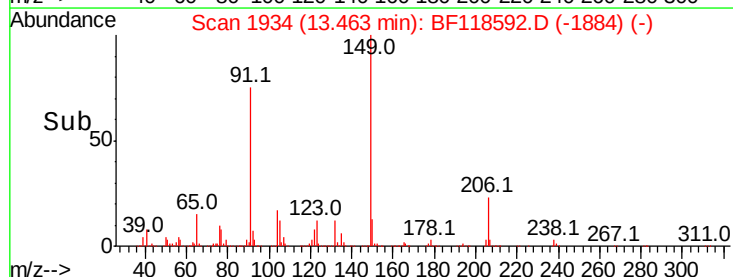
206 23.2 19.9 29.9

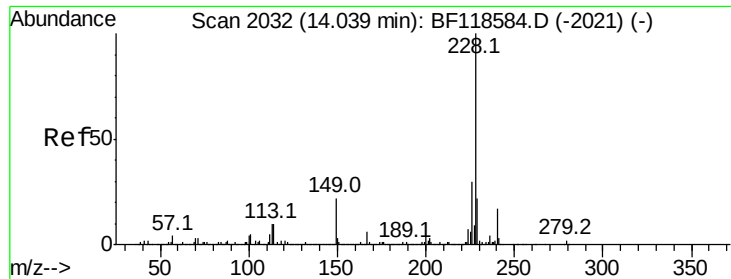


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

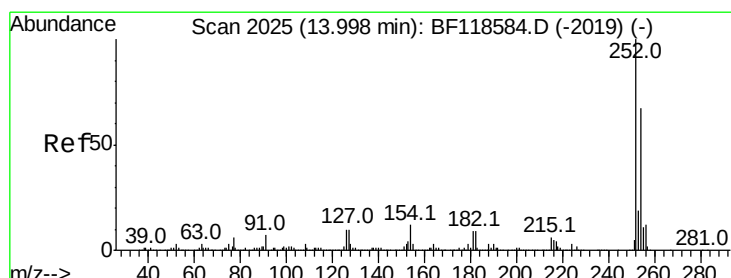
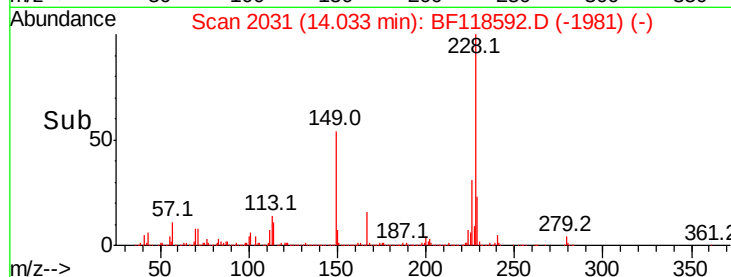
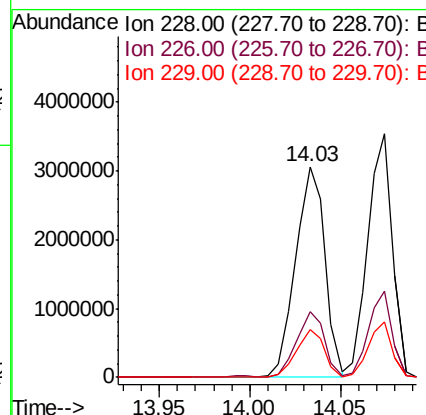
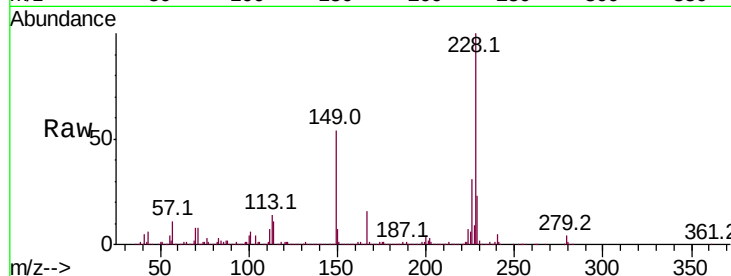




#81
Benzo(a)anthracene
Concen: 41.148 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

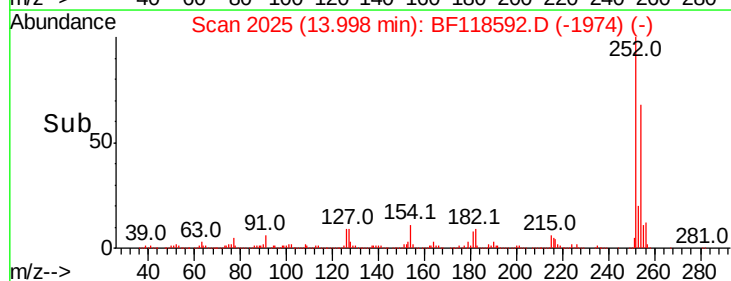
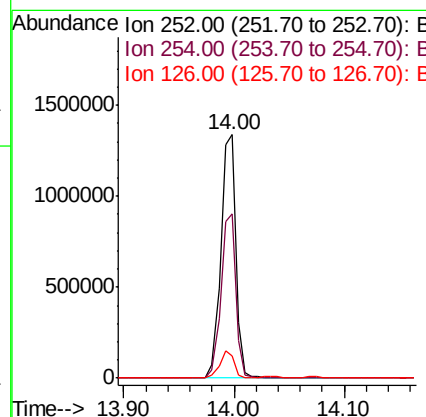
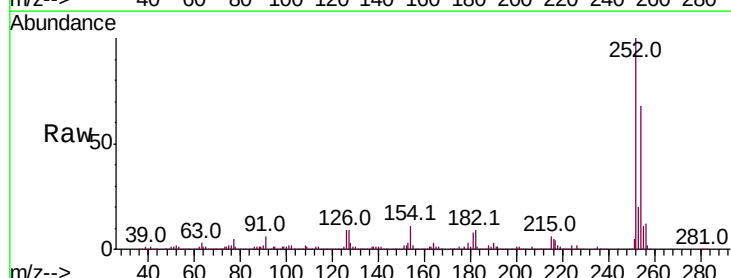
Instrument :
BNA_F
ClientSampled :

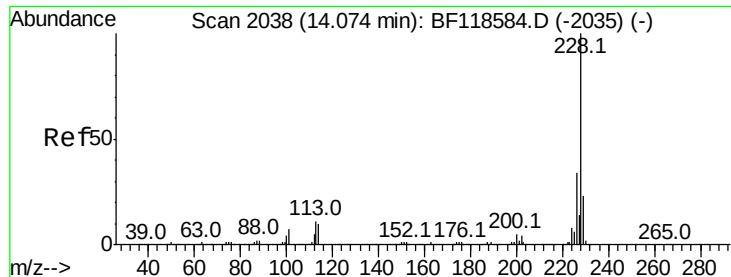
Tot Ion:228 Resp: 3483072
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.5 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 41.806 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:252 Resp: 1260966
Ion Ratio Lower Upper
252 100
254 67.6 53.4 80.2
126 8.9 8.0 12.0



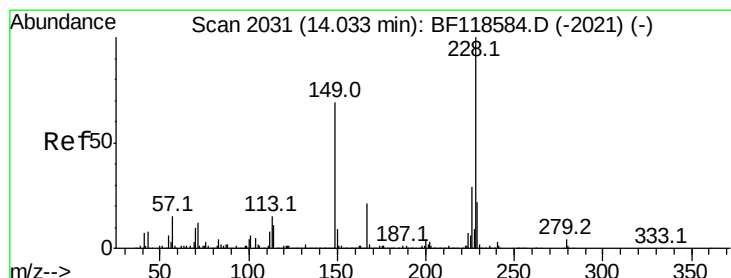
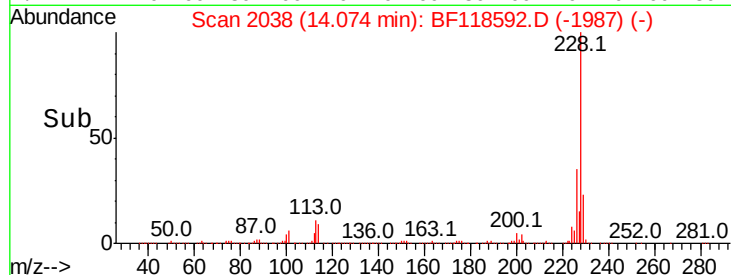
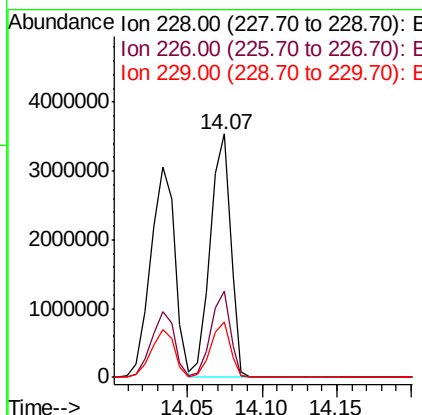
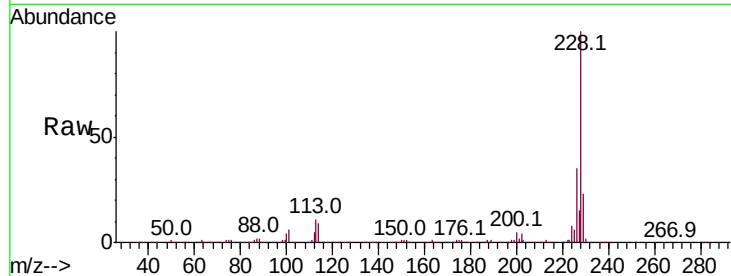


#83
 Chrysene
 Concen: 41.412 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 3359601

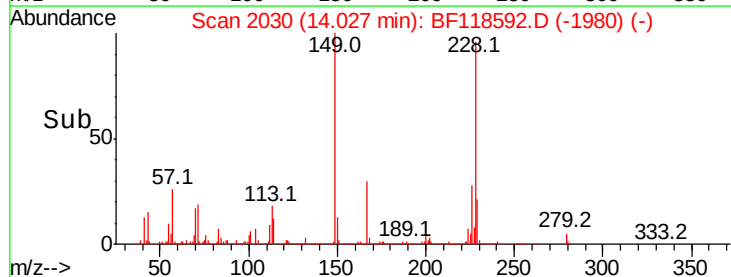
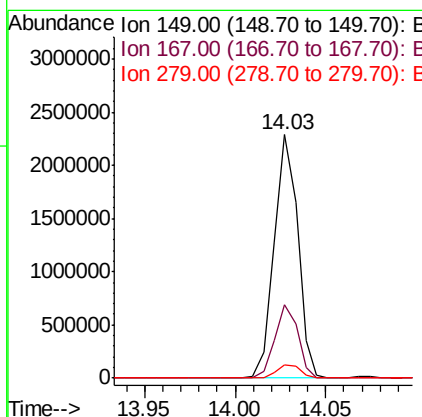
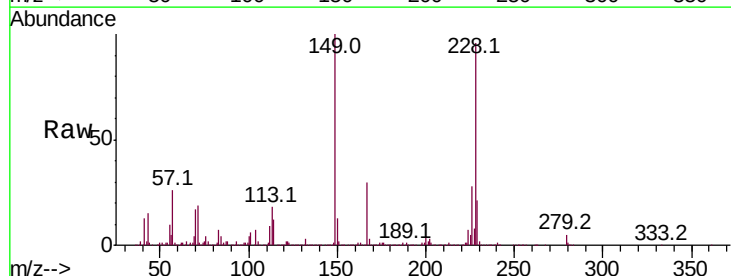
Ion	Ratio	Lower	Upper
228	100		
226	35.3	27.4	41.0
229	23.0	18.3	27.5

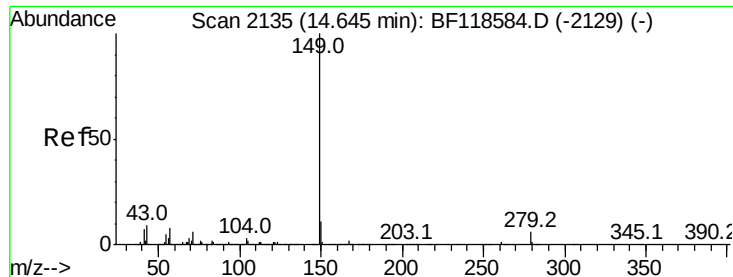


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.354 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion:149 Resp: 2070865

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.2	36.4
279	5.5	5.0	7.4





#85

Di-n-octyl phthalate

Concen: 43.732 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

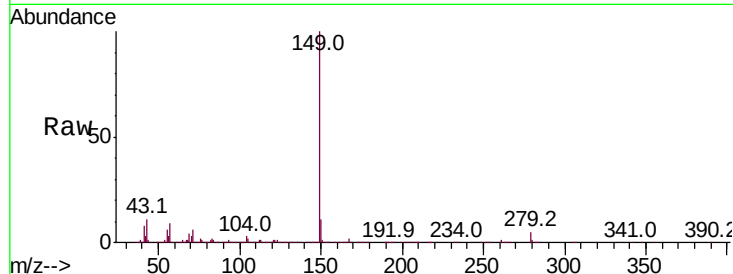
Tot Ion:149 Resp: 3092000

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

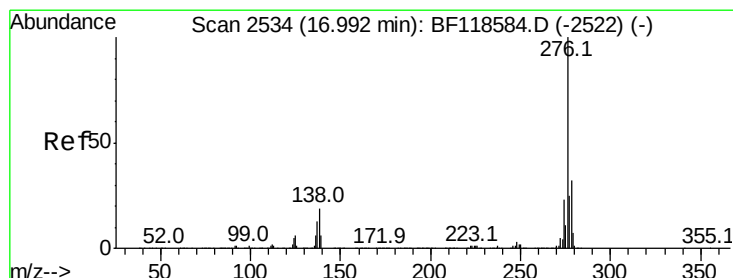
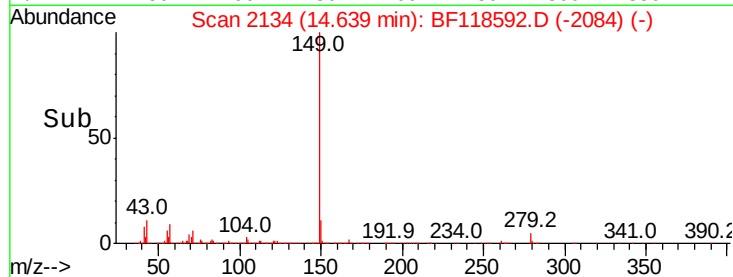
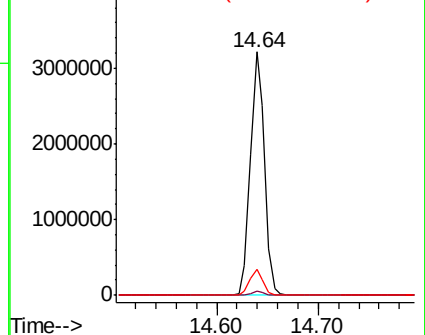
43 10.2 8.1 12.1



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: 36.240 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

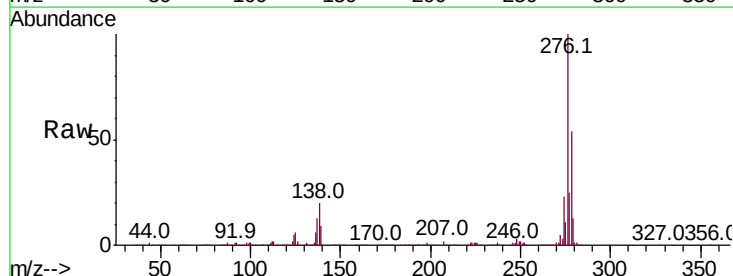
Tgt Ion:276 Resp: 2554557

Ion Ratio Lower Upper

276 100

138 21.7 17.2 25.8

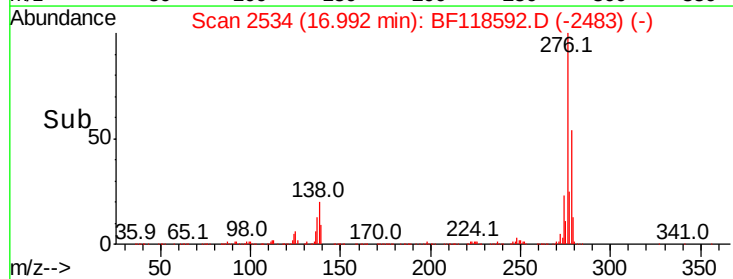
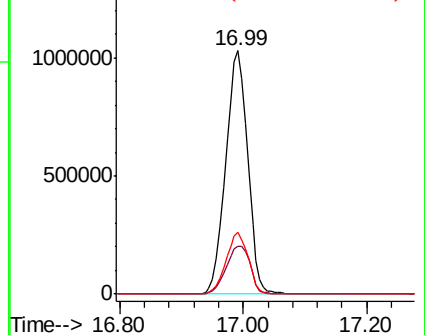
277 25.5 20.5 30.7

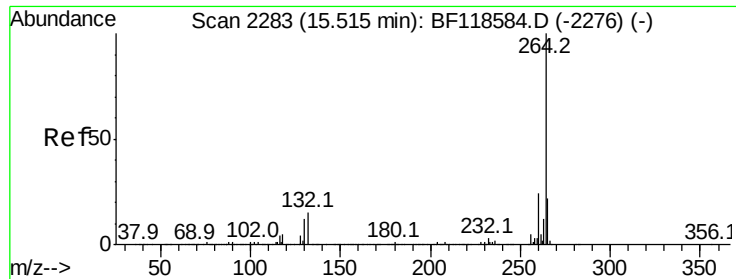


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



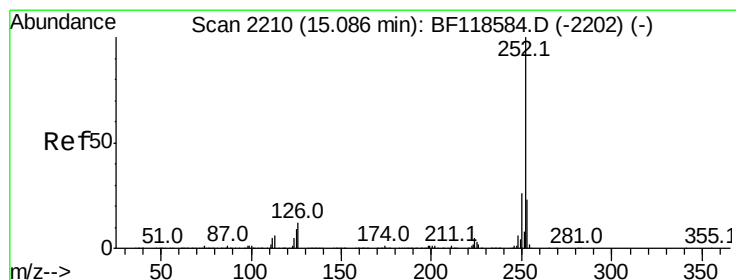
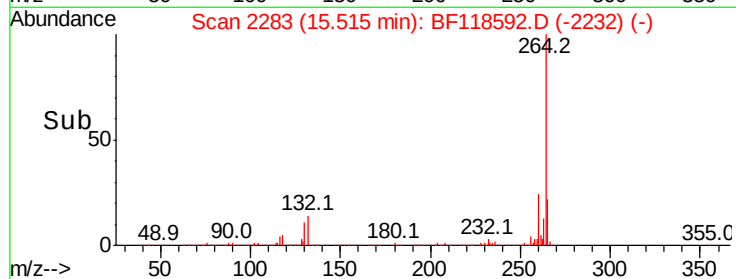
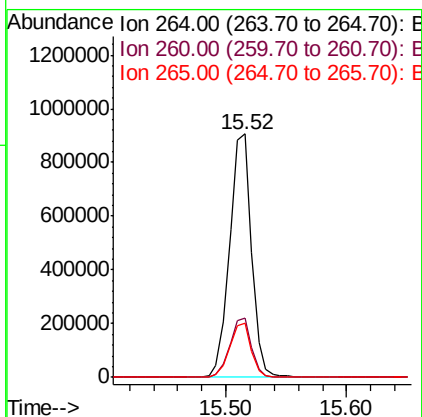
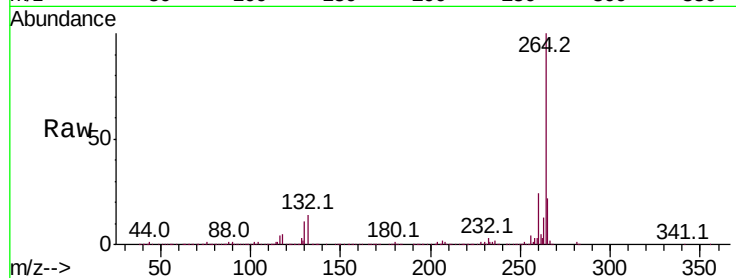


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 1149147

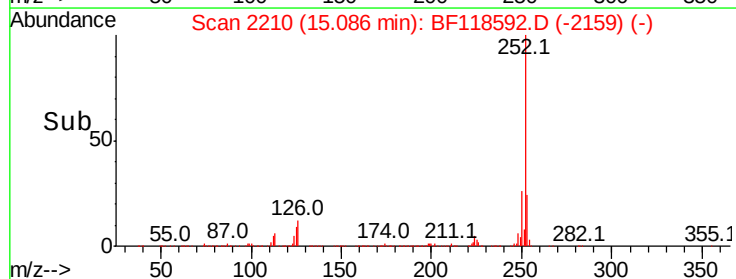
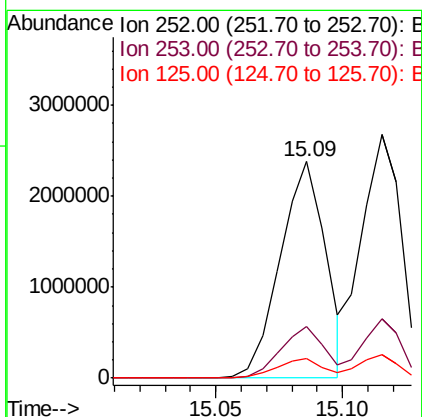
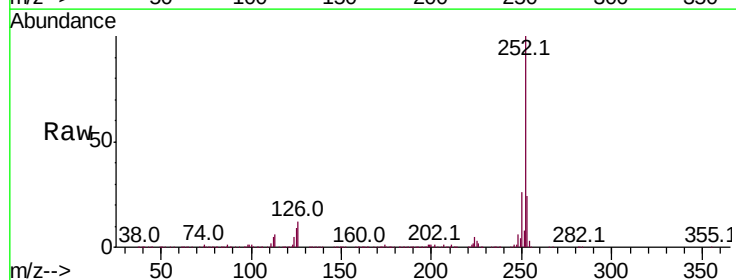
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.0	17.7	26.5

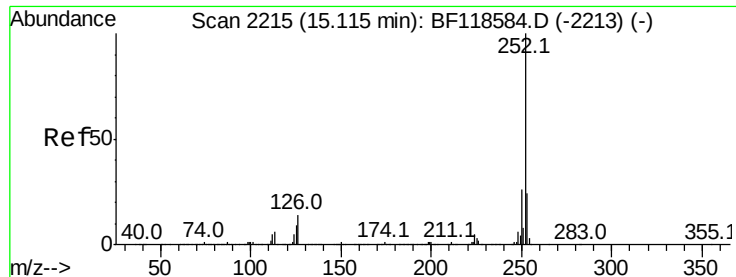


#88
Benzo(b)fluoranthene
Concen: 41.172 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:252 Resp: 2973914

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	9.3	7.3	10.9

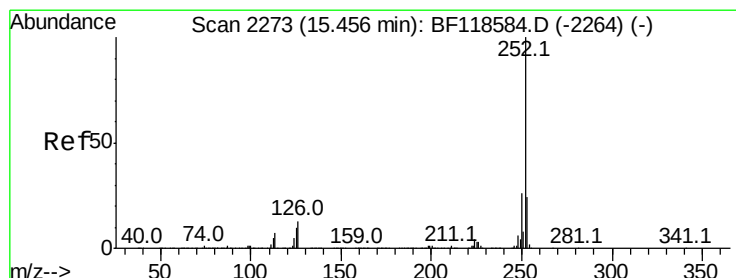
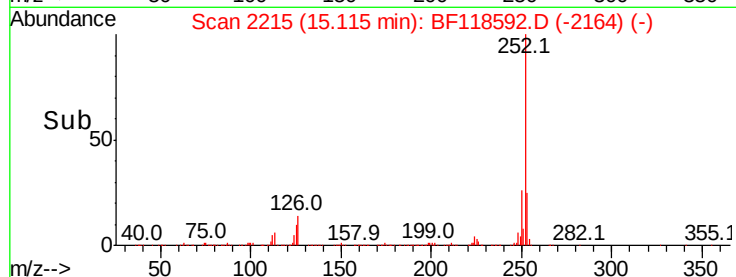
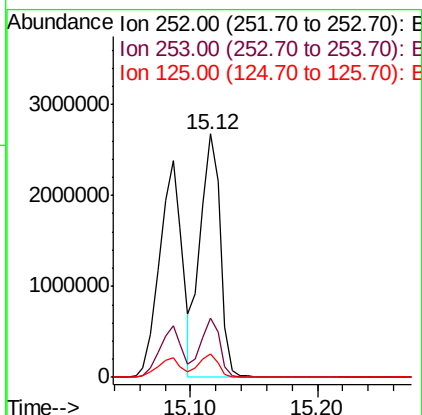
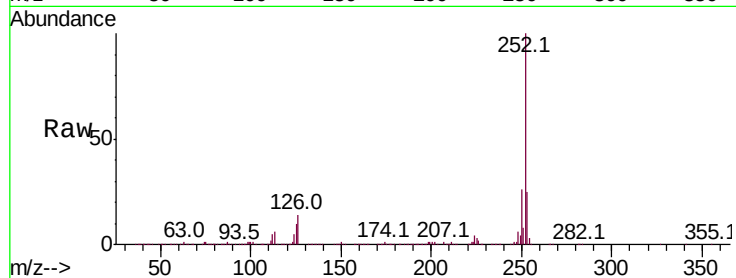




#89
Benzo(k)fluoranthene
Concen: 44.038 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

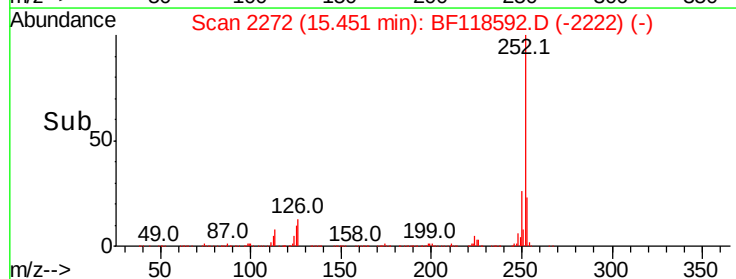
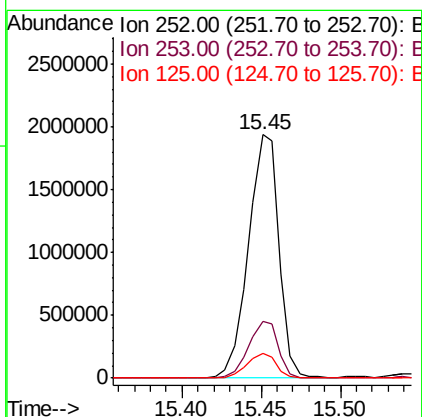
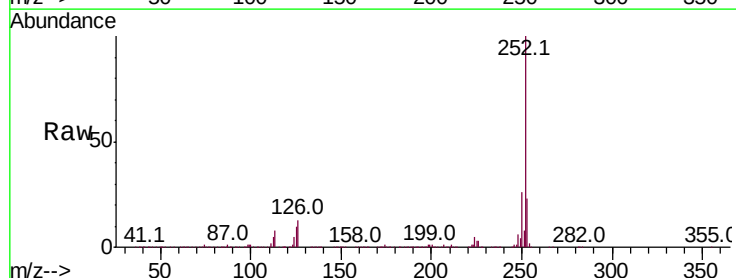
Instrument :
BNA_F
ClientSampleId :

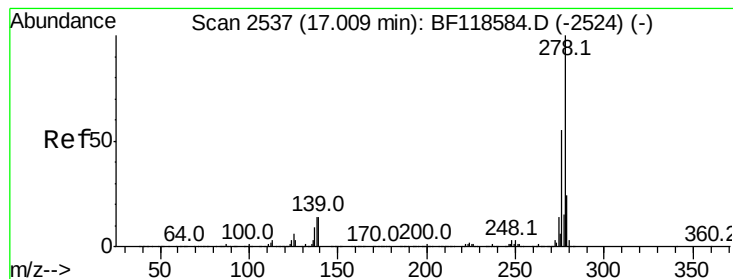
Tot Ion:252 Resp: 2947031
Ion Ratio Lower Upper
252 100
253 24.6 19.0 28.4
125 9.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.580 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:252 Resp: 2590865
Ion Ratio Lower Upper
252 100
253 23.1 18.8 28.2
125 10.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 38.575 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

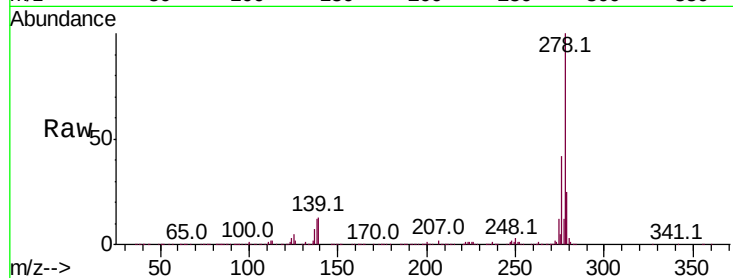
Tot Ion:278 Resp: 2126107

Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.4	17.0
279	24.6	19.0	28.6

278 100

139 13.2 11.4 17.0

279 24.6 19.0 28.6

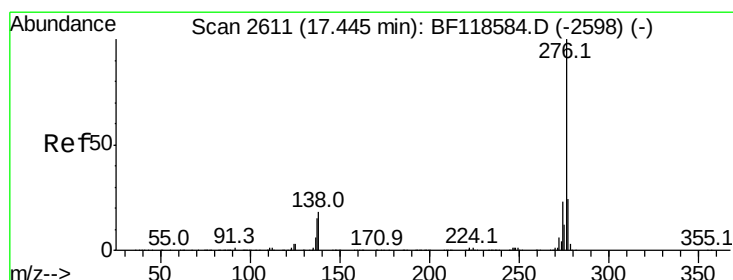
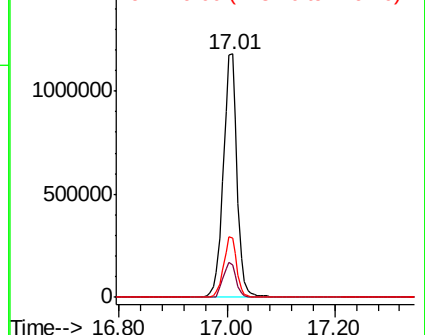
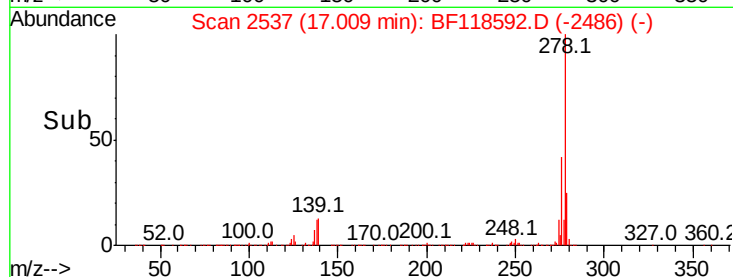


Abundance

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: 37.832 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

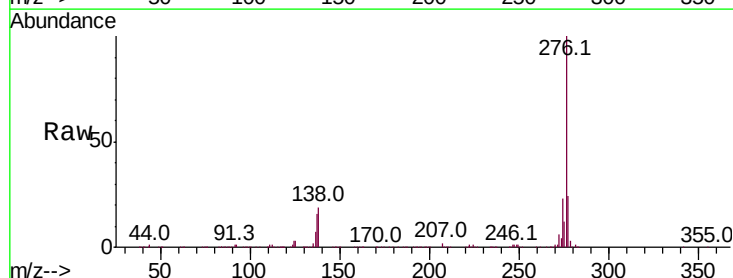
Tgt Ion:276 Resp: 2024569

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	19.3	14.4	21.6

276 100

277 24.1 18.9 28.3

138 19.3 14.4 21.6



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

