

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118501.D
 Acq On : 8 Jan 2020 14:37
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 15:16:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 14:21:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95881	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	352445	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	186146	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	337796	20.00	ng	0.00
76) Chrysene-d12	14.04	240	215413	20.00	ng	0.00
87) Perylene-d12	15.52	264	180085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1136825	212.84	ng	0.00
7) Phenol-d6	6.49	99	1136847	166.75	ng	0.02
23) Nitrobenzene-d5	7.42	82	1057869	162.58	ng	0.02
42) 2,4,6-Tribromophenol	10.69	330	420992	185.71	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	2369226	187.90	ng	0.00
79) Terphenyl-d14	12.98	244	2440499	173.54	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	185847	102.893	ng	99
3) Pyridine	3.30	79	537700	108.289	ng	97
4) n-Nitrosodimethylamine	3.29	42	258291	107.632	ng	100
6) Aniline	6.52	93	699281	83.017	ng	96
8) 2-Chlorophenol	6.63	128	516129	82.899	ng	98
9) Benzaldehyde	6.39	77	222050	59.125	ng	96
10) Phenol	6.50	94	636839	83.806	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	453988	86.284	ng	96
12) 1,3-Dichlorobenzene	6.78	146	650917	88.487	ng	98
13) 1,4-Dichlorobenzene	6.86	146	678948	91.012	ng	99
14) 1,2-Dichlorobenzene	7.01	146	643470	91.909	ng	98
15) Benzyl Alcohol	7.00	79	496005	90.770	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	538123	91.581	ng	93
17) 2-Methylphenol	7.11	107	446998	88.545	ng	# 89
18) Hexachloroethane	7.35	117	223150	81.363	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	360228	84.917	ng	97
20) 3+4-Methylphenols	7.26	107	535138	80.883	ng	92
22) Acetophenone	7.26	105	757913	83.856	ng	# 93
24) Nitrobenzene	7.44	77	530574	82.458	ng	94
25) Isophorone	7.67	82	895687	80.745	ng	98
26) 2-Nitrophenol	7.75	139	282604	82.177	ng	95
27) 2,4-Dimethylphenol	7.79	122	379464	84.278	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	612964	87.342	ng	99
29) 2,4-Dichlorophenol	7.99	162	463986	87.391	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	578889	92.139	ng	99
31) Naphthalene	8.15	128	1707611	92.131	ng	98
32) Benzoic acid	7.98	122	321847	102.578	ng	94
33) 4-Chloroaniline	8.20	127	704970	90.701	ng	98
34) Hexachlorobutadiene	8.26	225	362991	96.847	ng	99
35) Caprolactam	8.62	113	107740	64.281	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	469760	84.080	ng	98
37) 2-Methylnaphthalene	8.85	142	1081879	85.385	ng	98
38) 1-Methylnaphthalene	8.95	142	1030384	84.967	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	526288	93.458	ng	100

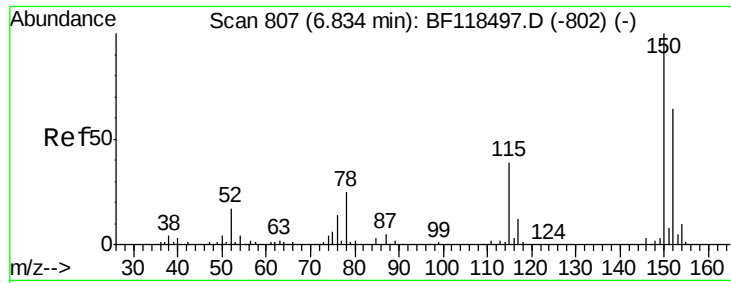
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118501.D
 Acq On : 8 Jan 2020 14:37
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 15:16:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 14:21:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	164227	161.111	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	339812	94.484	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	360976	98.597	ng	98
46) 1,1'-Biphenyl	9.32	154	1444368	96.933	ng	98
47) 2-Chloronaphthalene	9.34	162	1144662	95.849	ng	99
48) 2-Nitroaniline	9.45	65	338355	98.058	ng	99
49) Acenaphthylene	9.76	152	1672955	94.222	ng	99
50) Dimethylphthalate	9.62	163	1344058	93.792	ng	99
51) 2,6-Dinitrotoluene	9.69	165	298473	101.632	ng	87
52) Acenaphthene	9.93	154	990258	88.574	ng	99
53) 3-Nitroaniline	9.87	138	371693	103.407	ng	97
54) 2,4-Dinitrophenol	9.97	184	134608	108.374	ng	99
55) Dibenzofuran	10.10	168	1419194	89.660	ng	97
56) 4-Nitrophenol	10.04	139	171917	99.451	ng	94
57) 2,4-Dinitrotoluene	10.10	165	369933	91.556	ng	96
58) Fluorene	10.44	166	1163745	89.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	276836	91.142	ng	99
60) Diethylphthalate	10.32	149	1289932	91.540	ng	97
61) 4-Chlorophenyl-phenylether	10.43	204	586403	90.396	ng	96
62) 4-Nitroaniline	10.49	138	299227	81.336	ng	97
63) Azobenzene	10.60	77	1108519	91.473	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	185092	95.744	ng	99
66) n-Nitrosodiphenylamine	10.56	169	1014981	87.750	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	398698	93.093	ng	98
68) Hexachlorobenzene	11.00	284	469278	92.096	ng	96
69) Atrazine	11.09	200	185329	52.104	ng	98
70) Pentachlorophenol	11.19	266	152309	96.190	ng	99
71) Phenanthrene	11.42	178	1743148	93.511	ng	99
72) Anthracene	11.47	178	1688488	89.484	ng	100
73) Carbazole	11.62	167	1512758	87.435	ng	98
74) Di-n-butylphthalate	11.94	149	2148469	94.684	ng	99
75) Fluoranthene	12.61	202	1707588	86.942	ng	99
77) Benzidine	12.73	184	427630	70.233	ng	# 94
78) Pyrene	12.84	202	1639045	88.100	ng	99
80) Butylbenzylphthalate	13.44	149	794492	96.931	ng	100
81) Benzo(a)anthracene	14.03	228	1424501	92.945	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	434847	89.433	ng	98
83) Chrysene	14.07	228	1387974	94.465	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1068304	104.168	ng	# 97
85) Di-n-octyl phthalate	14.62	149	1366460	86.586	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1301448	123.980	ng	99
88) Benzo(b)fluoranthene	15.09	252	1243093	99.237	ng	100
89) Benzo(k)fluoranthene	15.13	252	1031044	83.632	ng	99
90) Benzo(a)pyrene	15.47	252	1028129	90.021	ng	100
91) Dibenzo(a,h)anthracene	17.06	278	1081783	121.461	ng	99
92) Benzo(g,h,i)perylene	17.50	276	1040575	112.629	ng	99

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

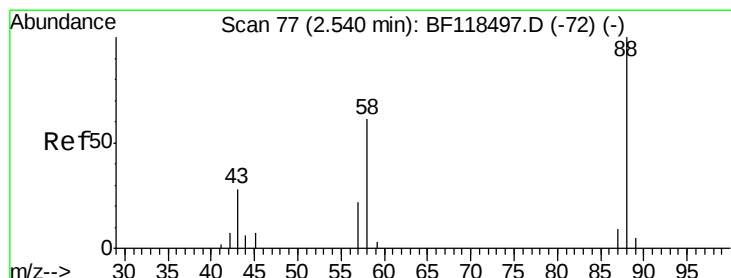
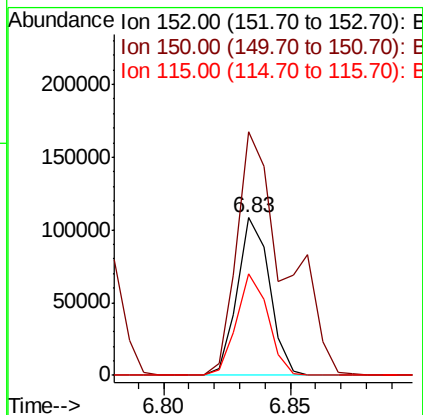
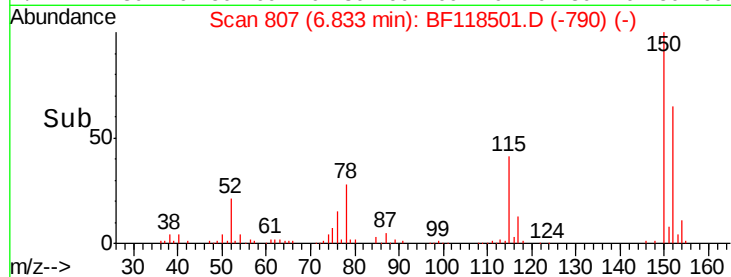
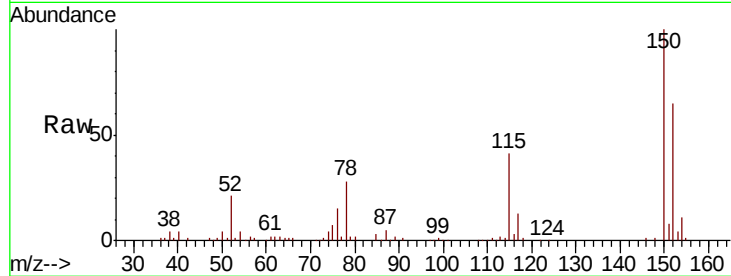


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampleId :

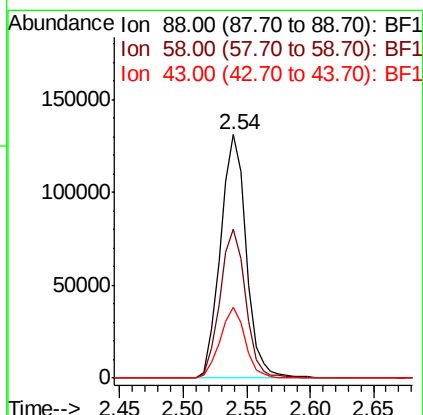
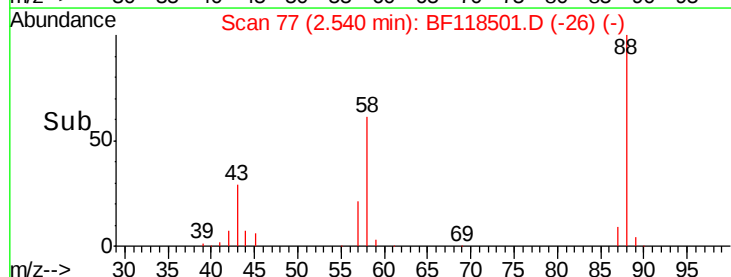
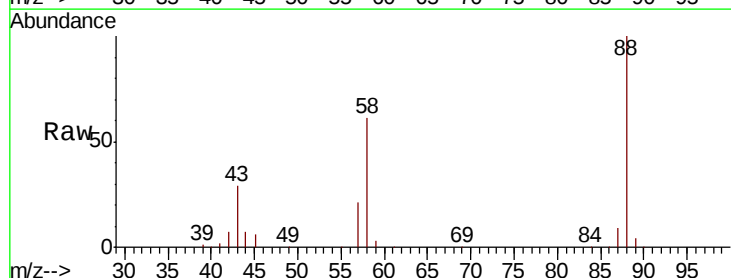
Tot Ion:152 Resp: 95881
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 64.2 49.0 73.6

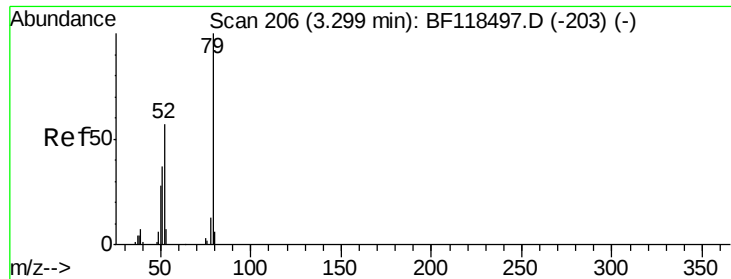


#2

1,4-Dioxane
Concen: 102.893 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.00 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion: 88 Resp: 185847
Ion Ratio Lower Upper
88 100
58 60.9 48.3 72.5
43 28.6 23.4 35.0





#3

Pvridine

Concen: 108.289 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

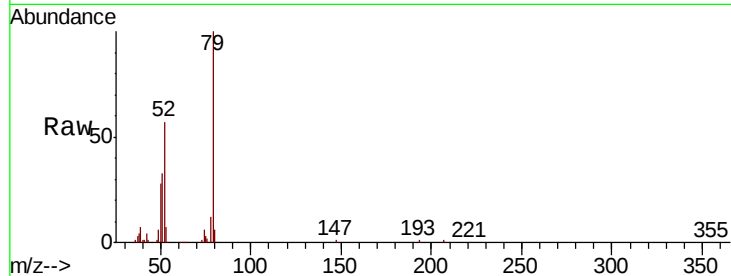
Tot Ion: 79 Resp: 537700

Ion Ratio Lower Upper

79 100

52 56.9 45.9 68.9

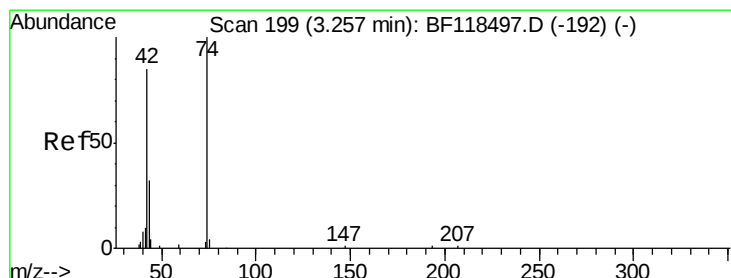
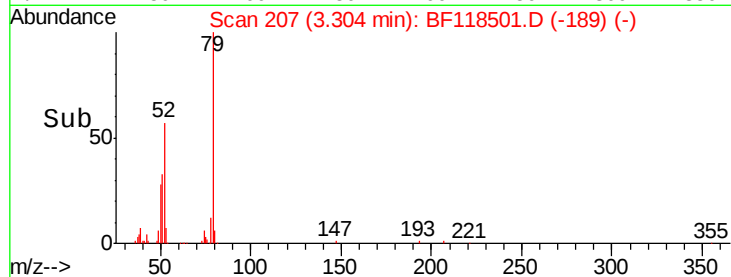
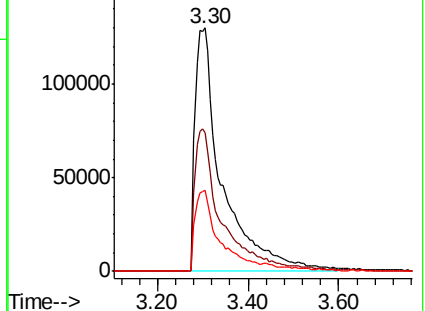
51 33.4 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 107.632 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.04 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

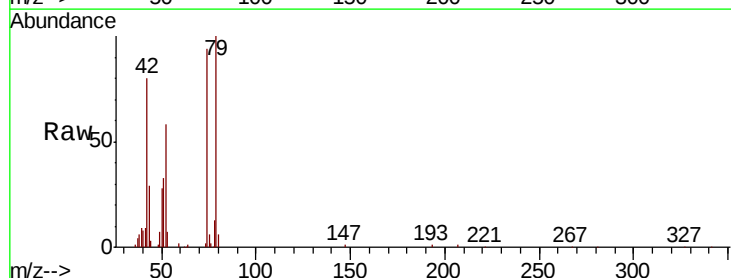
Tgt Ion: 42 Resp: 258291

Ion Ratio Lower Upper

42 100

74 118.0 94.1 141.1

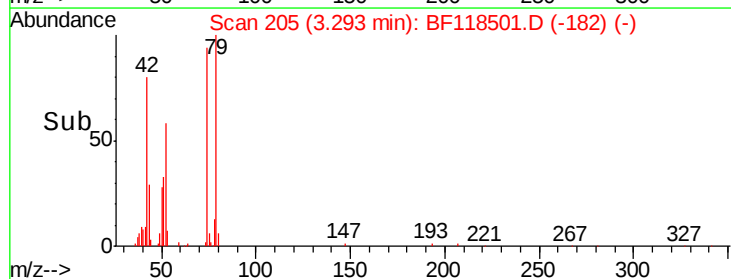
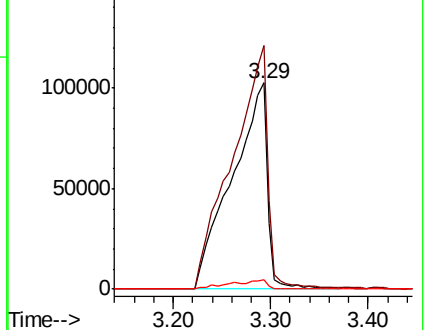
44 4.3 4.1 6.1

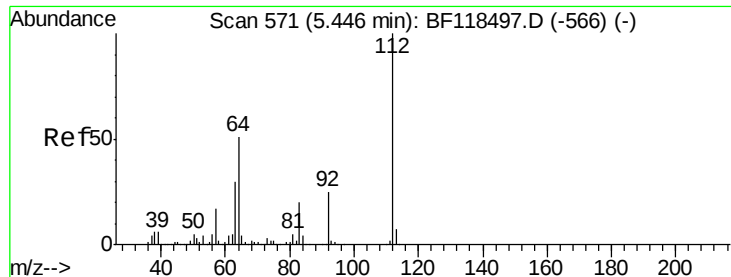


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 212.838 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

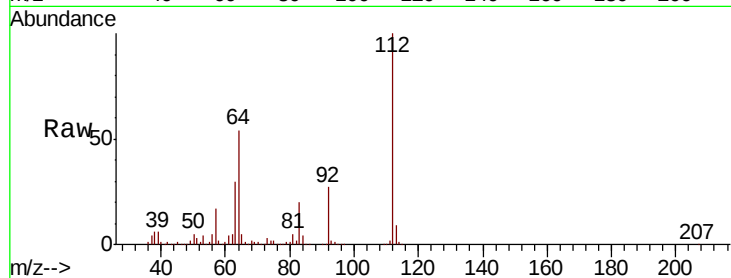
Tot Ion:112 Resp: 1136825

Ion Ratio Lower Upper

112 100

64 54.1 41.1 61.7

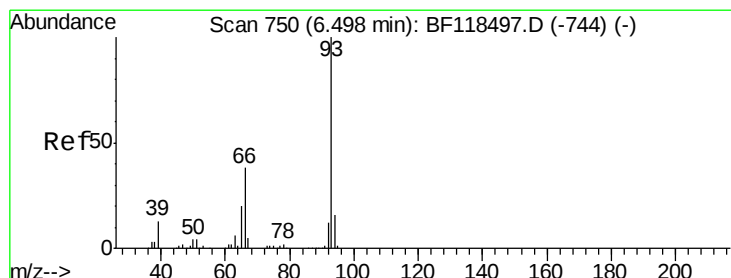
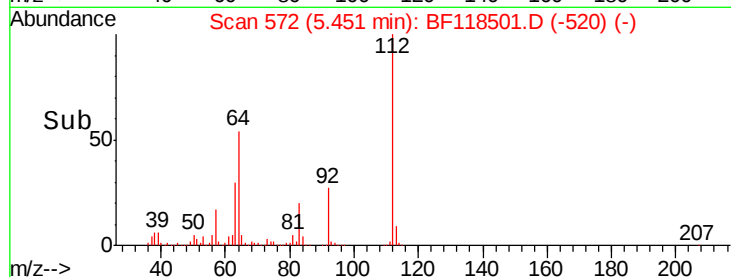
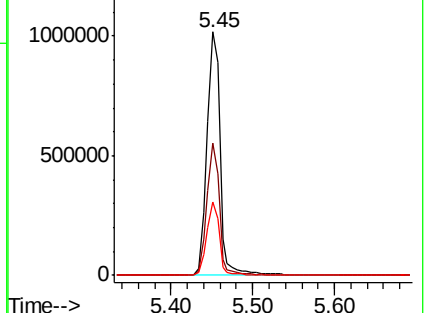
63 30.1 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 83.017 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

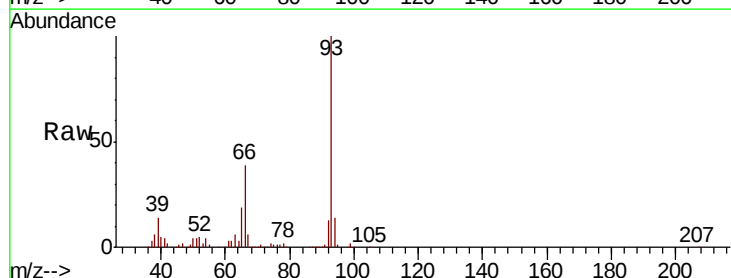
Tgt Ion: 93 Resp: 699281

Ion Ratio Lower Upper

93 100

66 38.8 33.4 50.0

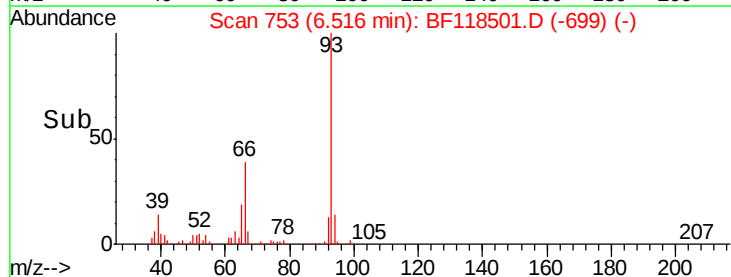
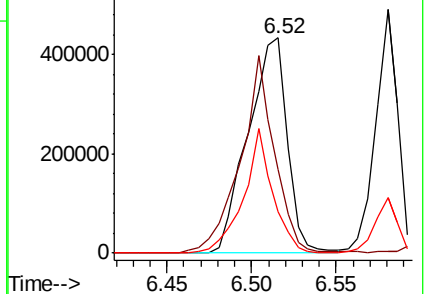
65 19.4 16.7 25.1

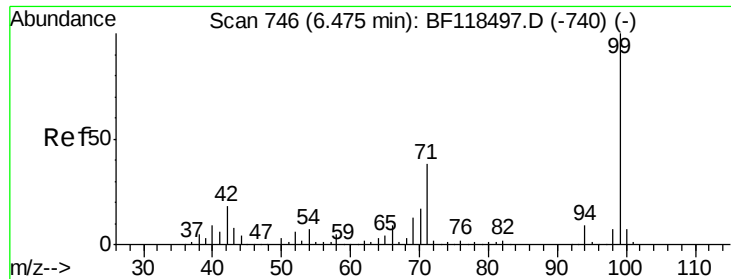


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 166.753 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

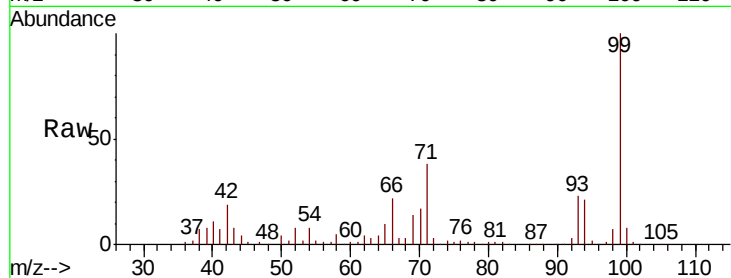
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1136847

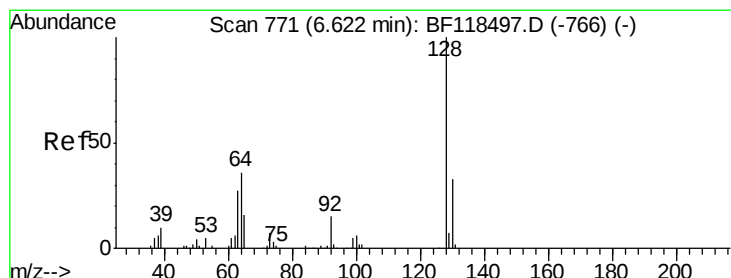
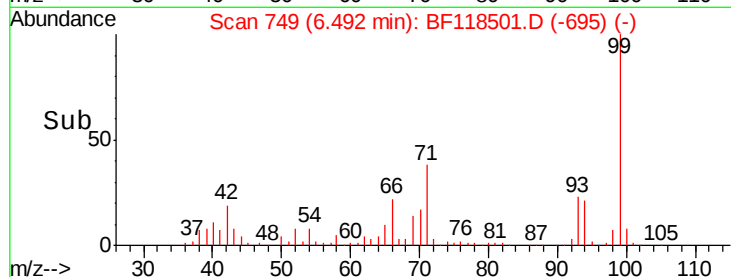
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	38.2	30.6	45.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 82.899 ng

RT: 6.63 min Scan# 773

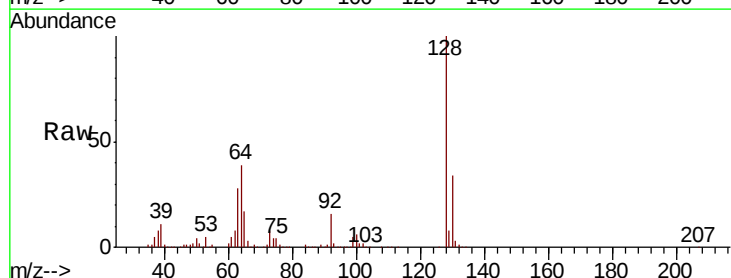
Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Tgt Ion:128 Resp: 516129

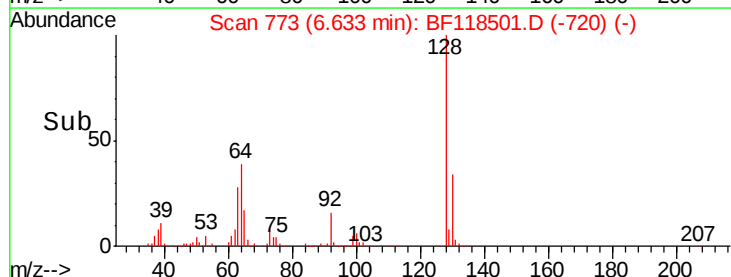
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.7	52.7
64	38.9	17.8	57.8

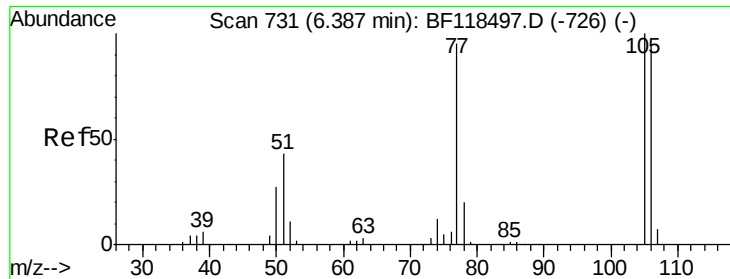


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 59.125 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

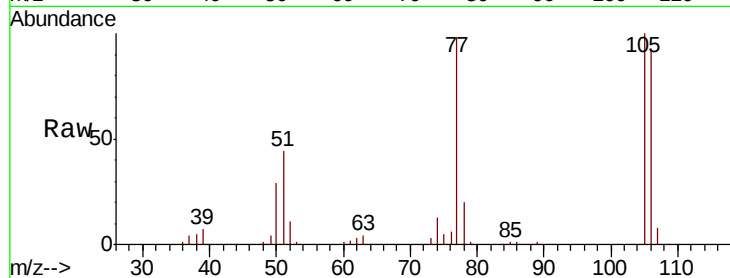
Tot Ion: 77 Resp: 222050

Ion Ratio Lower Upper

77 100

105 102.2 85.4 125.4

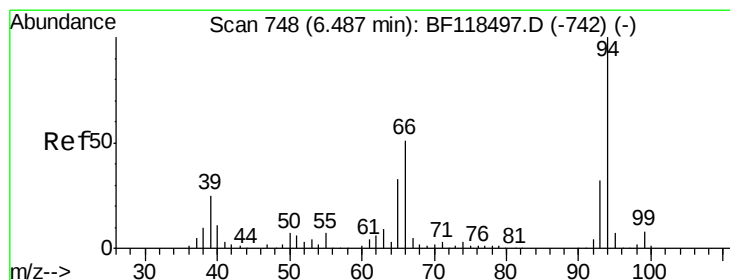
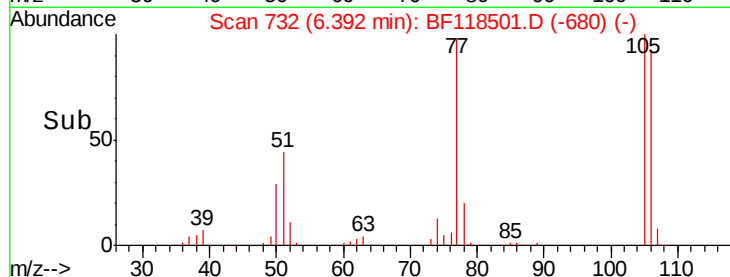
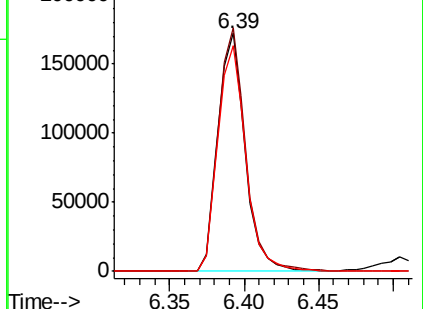
106 95.0 79.5 119.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 83.806 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

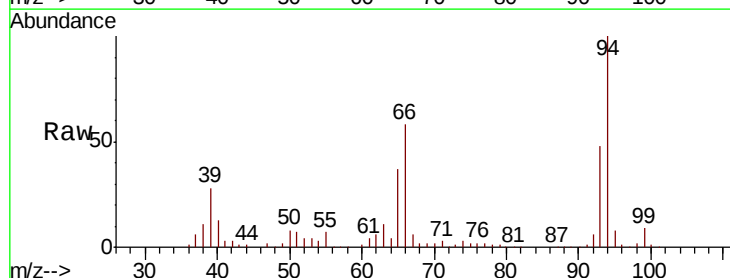
Tgt Ion: 94 Resp: 636839

Ion Ratio Lower Upper

94 100

65 36.7 13.3 53.3

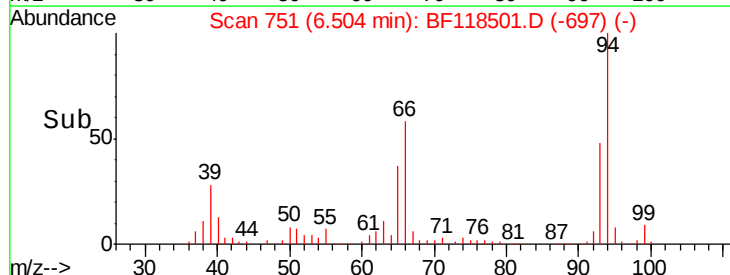
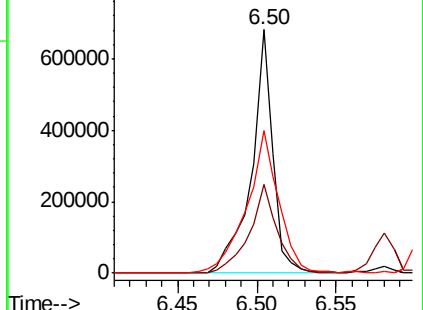
66 58.5 30.9 70.9

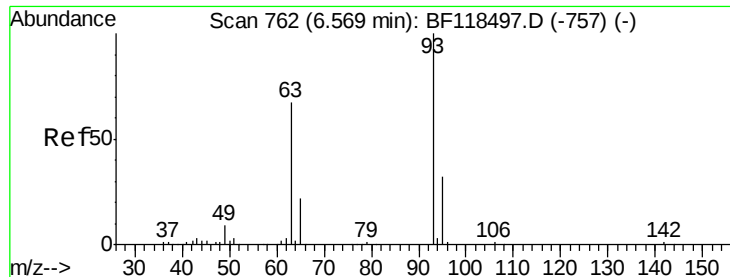


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

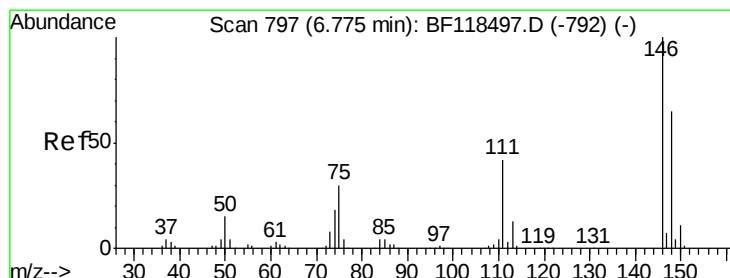
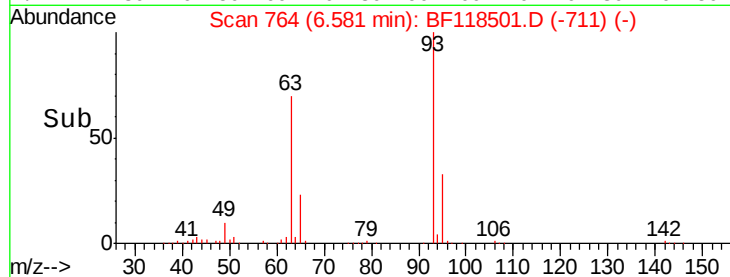
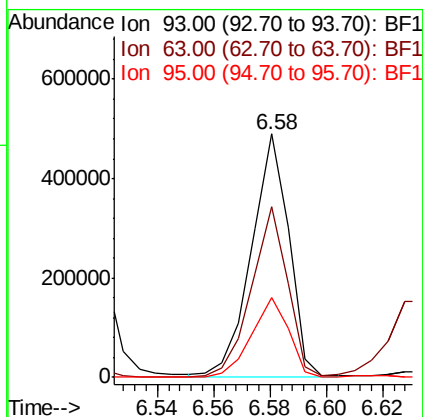
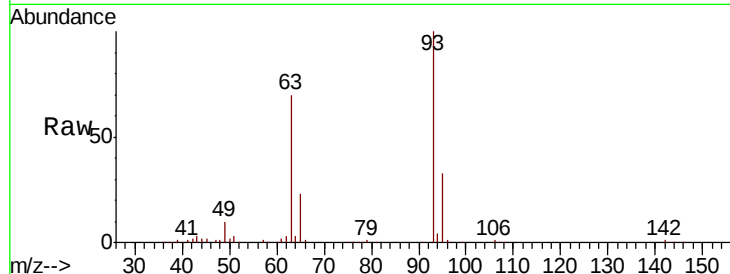




#11
bis(2-Chloroethyl)ether
Concen: 86.284 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

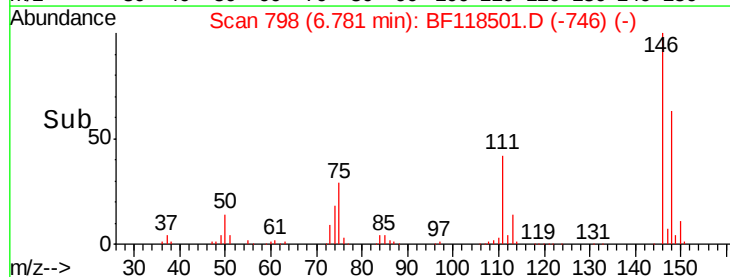
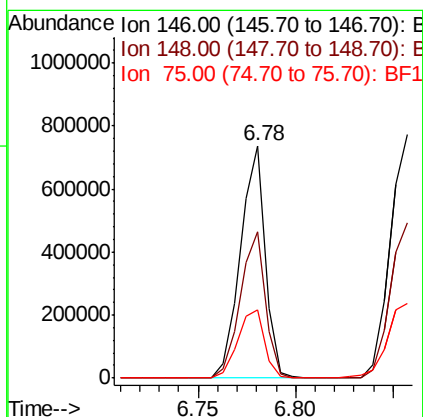
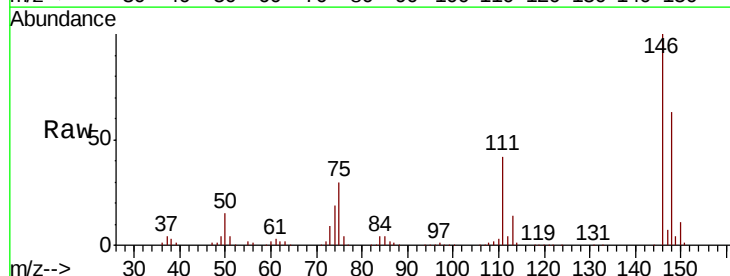
Instrument :
BNA_F
ClientSampleId :

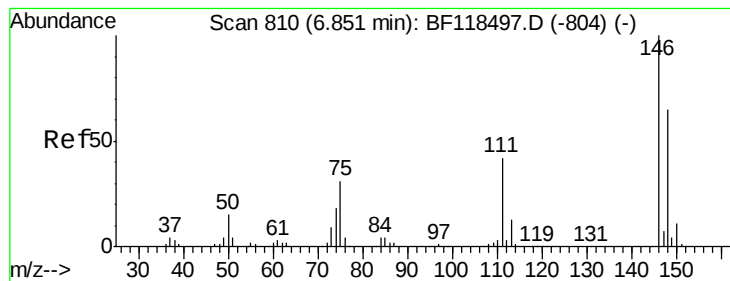
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.9	46.6	86.6
95	33.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 88.487 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.4	78.6
75	29.6	24.1	36.1

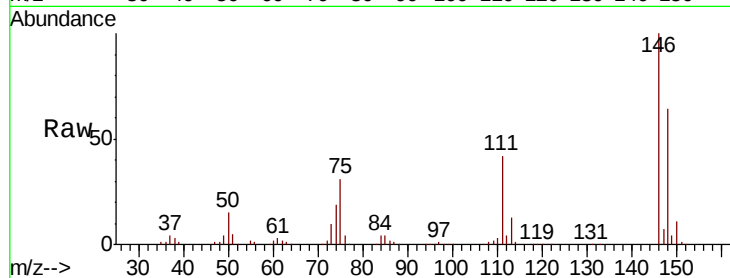




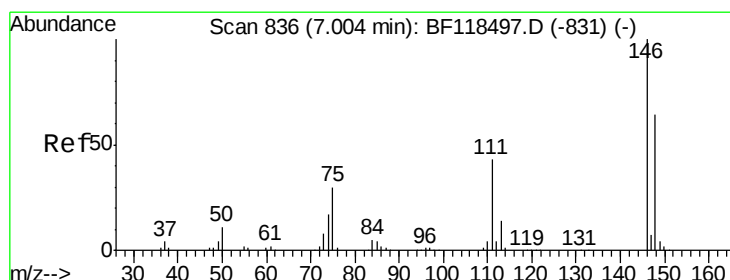
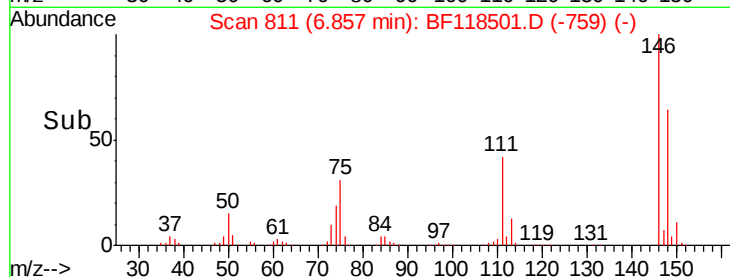
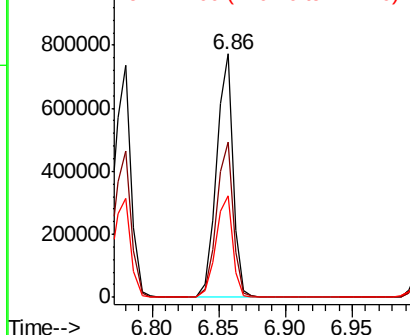
#13
 1,4-Dichlorobenzene
 Concen: 91.012 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 678948
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 41.8 33.2 49.8

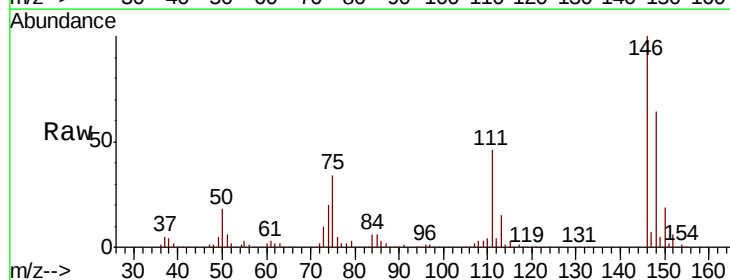


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

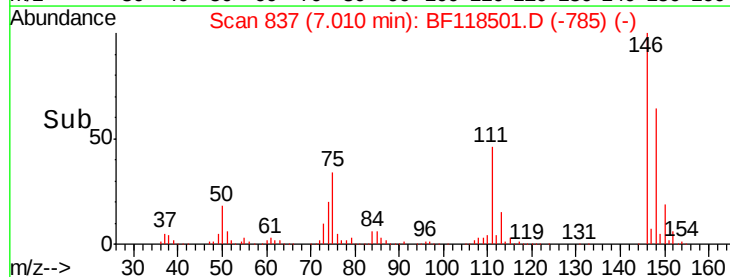
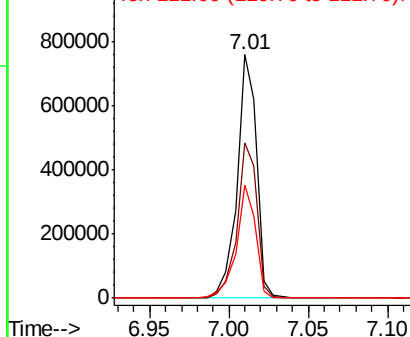


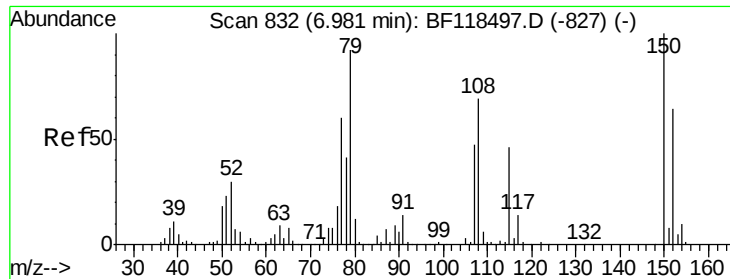
#14
 1,2-Dichlorobenzene
 Concen: 91.909 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:146 Resp: 643470
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.3 76.9
 111 46.3 34.7 52.1



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

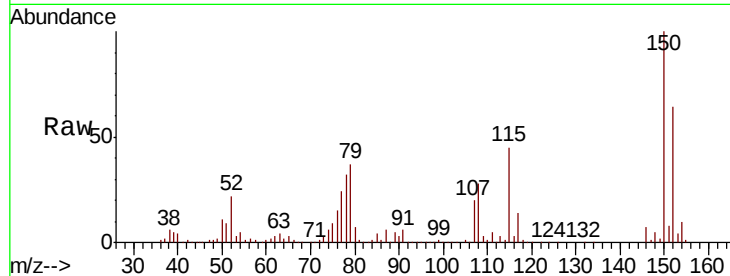




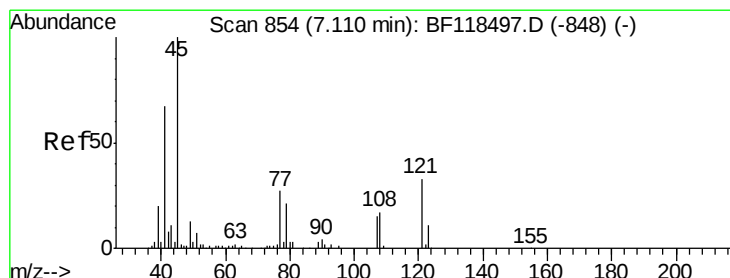
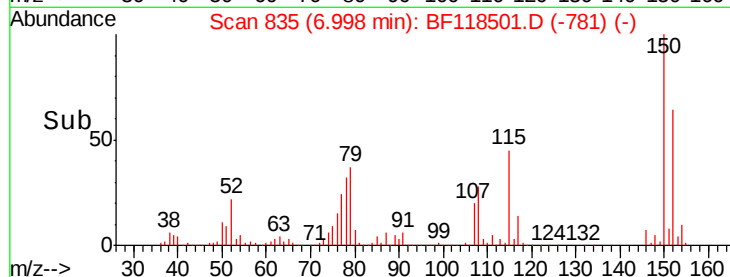
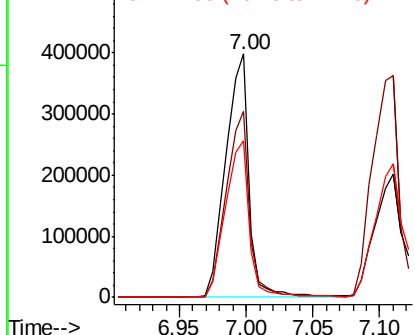
#15
Benzyl Alcohol
Concen: 90.770 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 496005
Ion Ratio Lower Upper
79 100
108 76.2 60.2 90.2
77 64.5 51.8 77.8

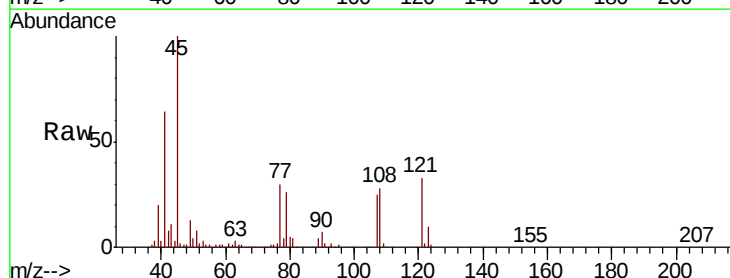


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

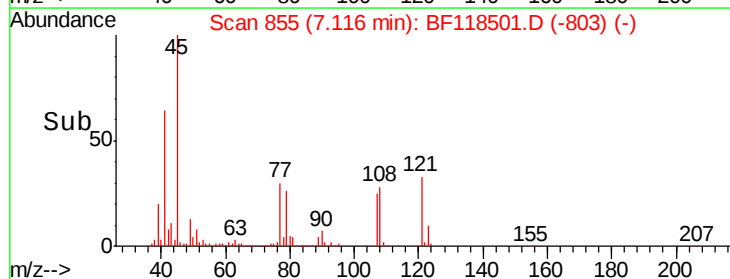
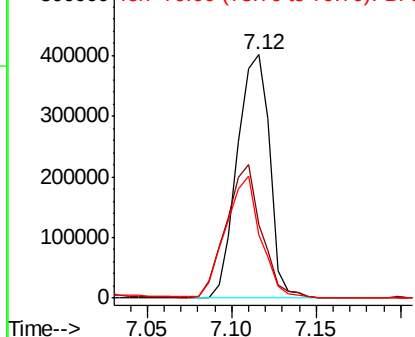


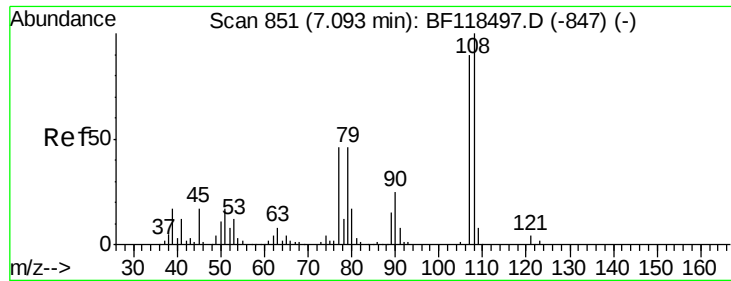
#16
2,2'-oxybis(1-Chloropropane)
Concen: 91.581 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion: 45 Resp: 538123
Ion Ratio Lower Upper
45 100
77 30.3 7.6 47.6
79 26.1 2.0 42.0



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

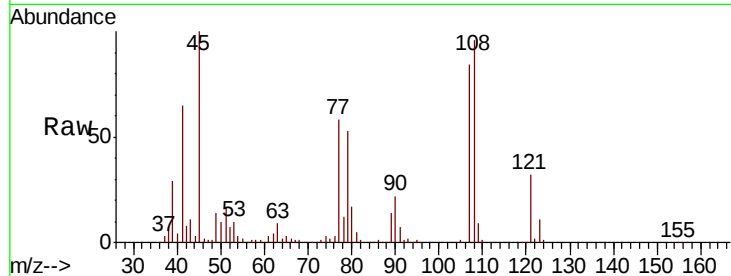




#17
2-Methylphenol
Concen: 88.545 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.02 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	88.9	133.3
77	68.8	41.2	61.8
79	63.1	41.6	62.4



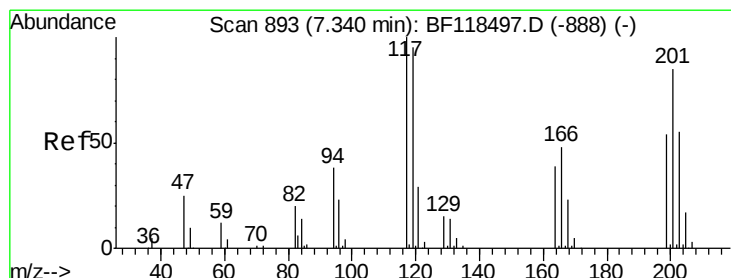
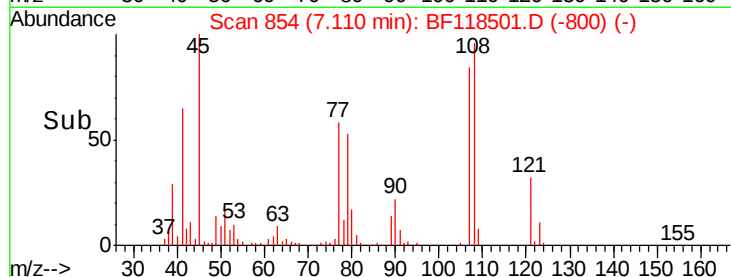
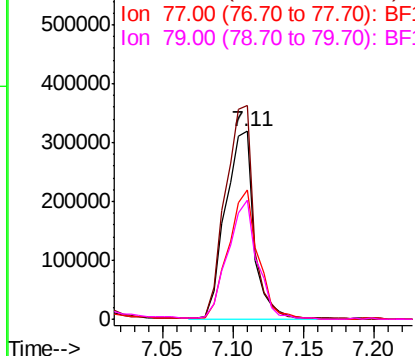
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

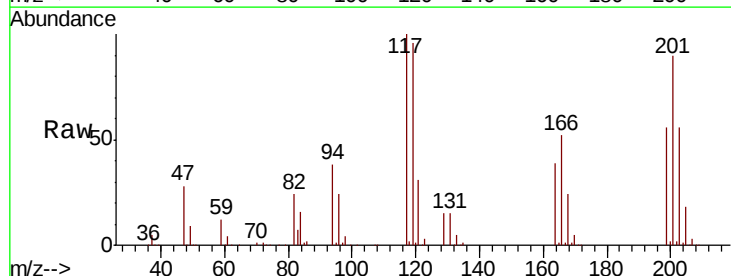
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 81.363 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.2	114.4
201	90.0	67.7	101.5

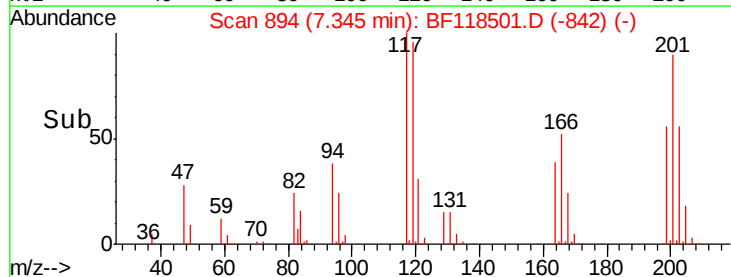
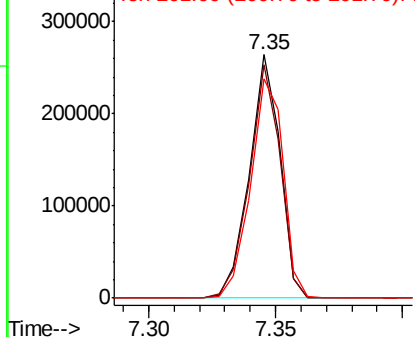


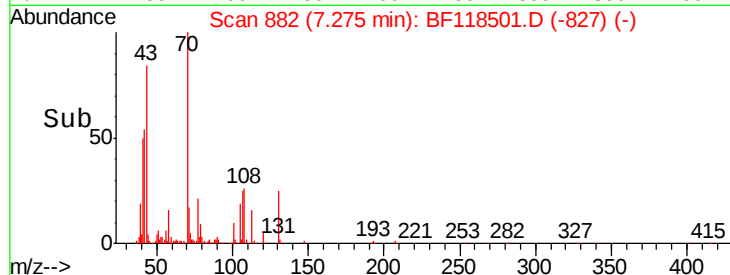
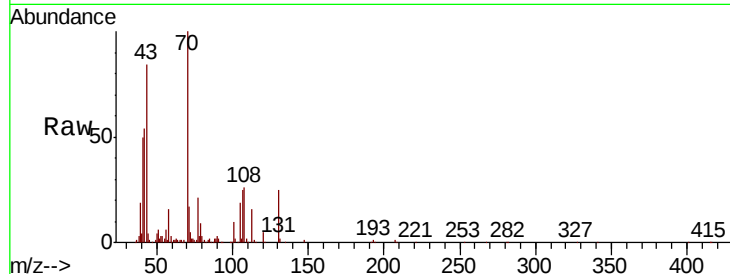
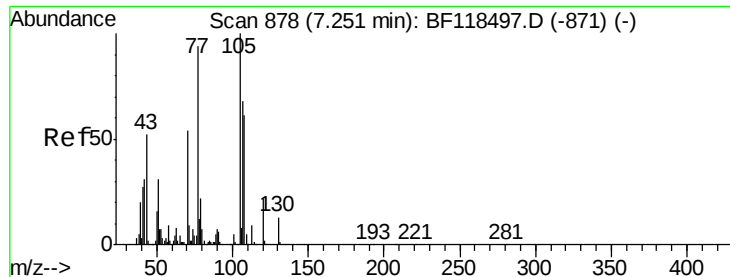
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

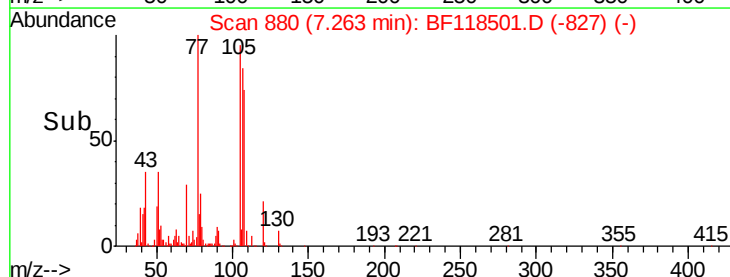
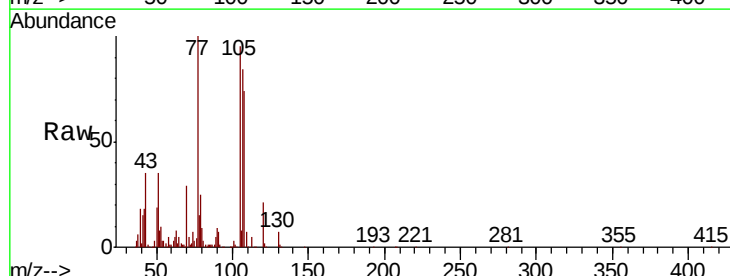
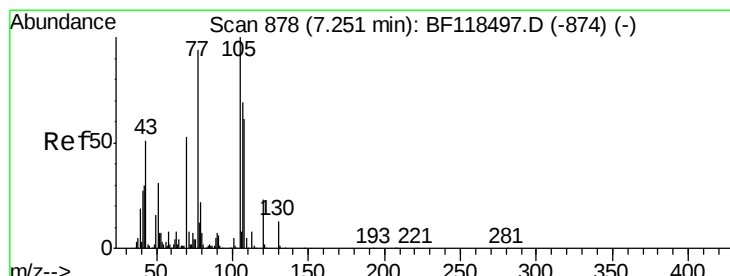
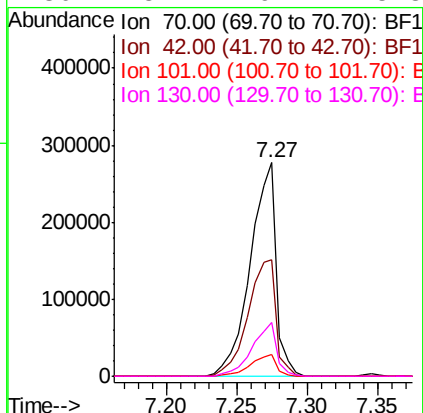




#19
n-Nitroso-di-n-propylamine
Concen: 84.917 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.02 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

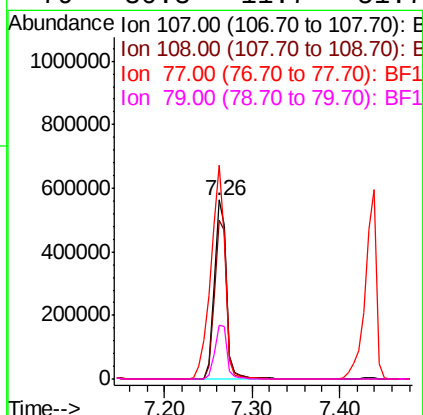
Instrument :
BNA_F
ClientSampleId :

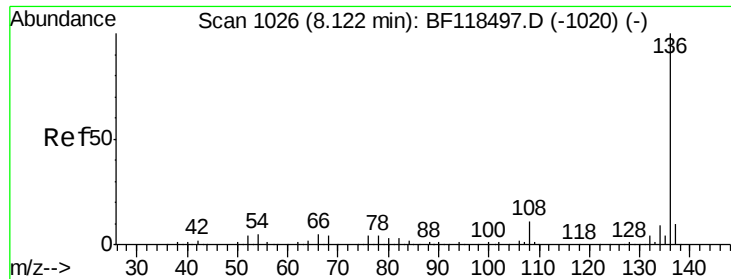
Tot Ion:	70	Resp:	360228
Ion	Ratio	Lower	Upper
70	100		
42	54.3	45.6	68.4
101	10.3	8.2	12.2
130	25.4	19.2	28.8



#20
3+4-Methylphenols
Concen: 80.883 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:	107	Resp:	535138
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.9	108.9
77	119.4	116.8	156.8
79	30.3	11.7	51.7

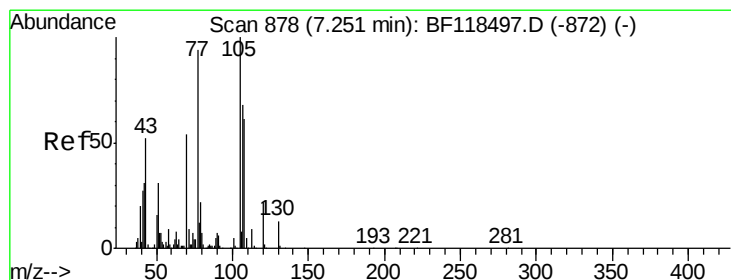
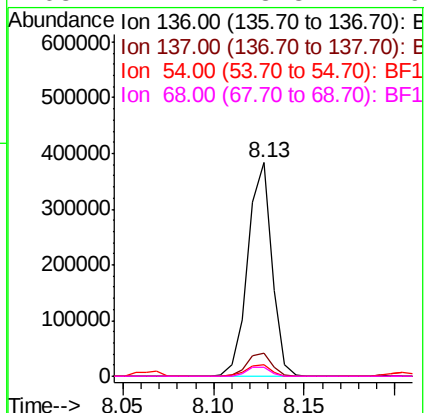
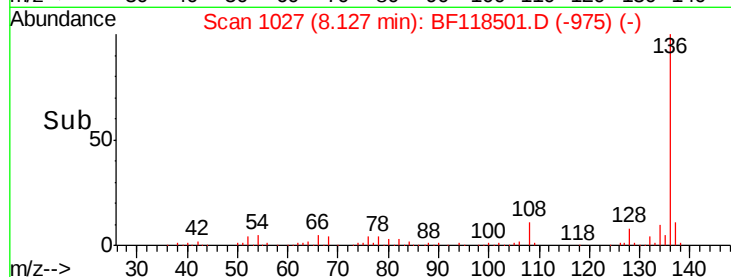
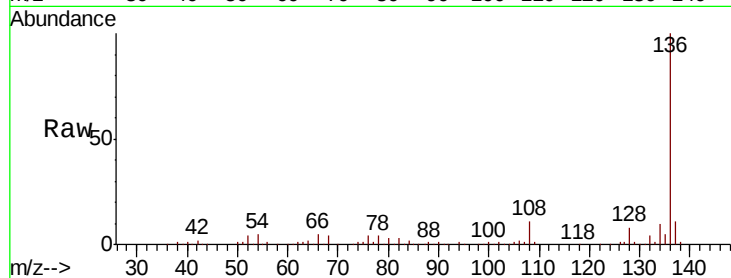




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

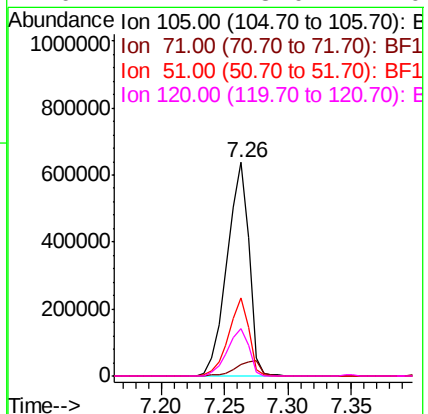
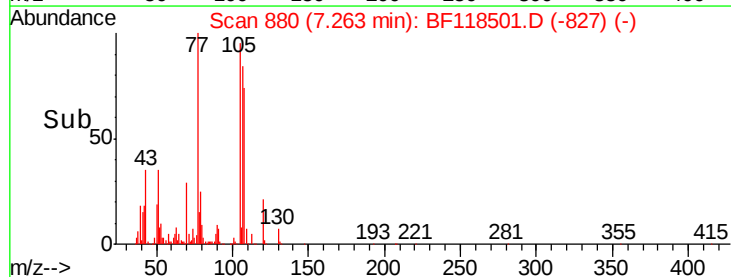
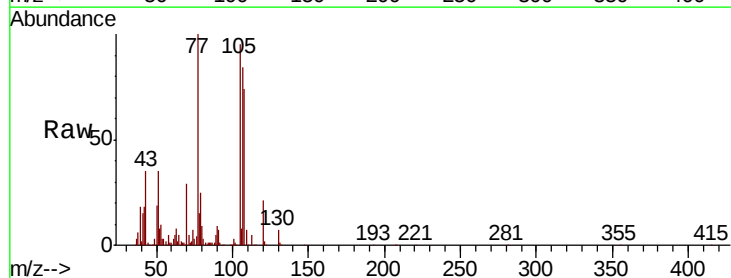
Instrument :
BNA_F
ClientSampled :

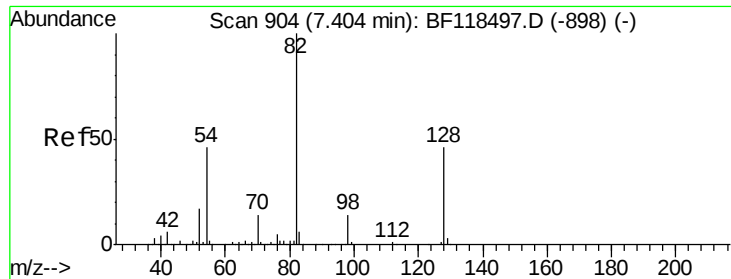
Tot Ion:136	Resp:	352445
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.3 12.5
54	5.4	4.2 6.2
68	4.2	3.3 4.9



#22
Acetophenone
Concen: 83.856 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:105	Resp:	757913
Ion Ratio	Lower	Upper
105	100	
71	5.2	6.9 10.3#
51	36.9	25.0 37.4
120	22.1	18.0 27.0

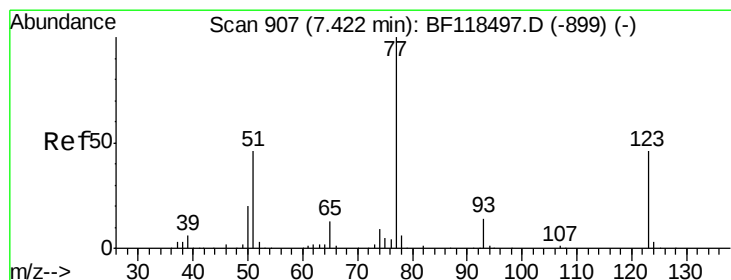
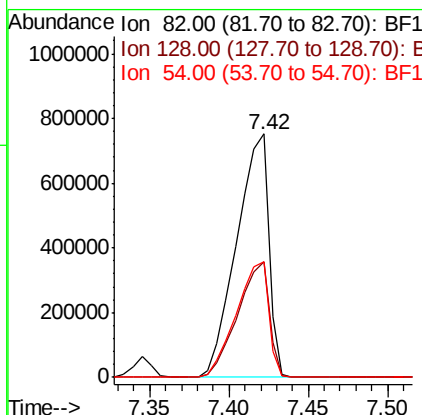
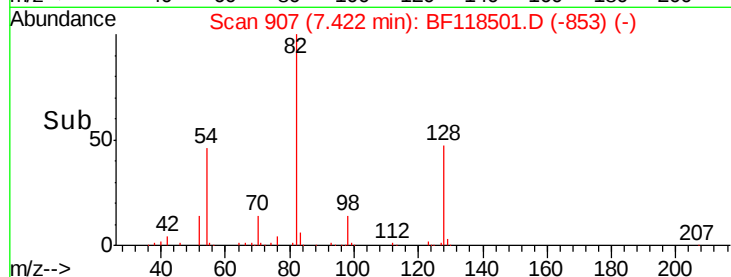
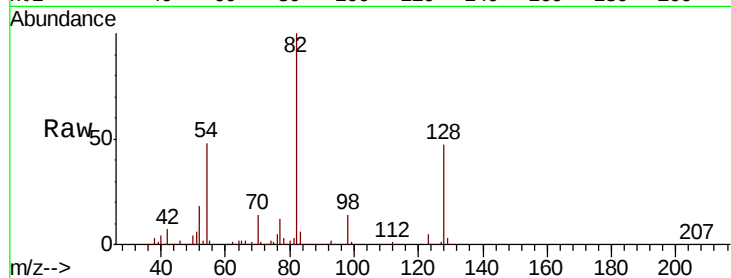




#23
 Nitrobenzene-d5
 Concen: 162.580 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.02 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

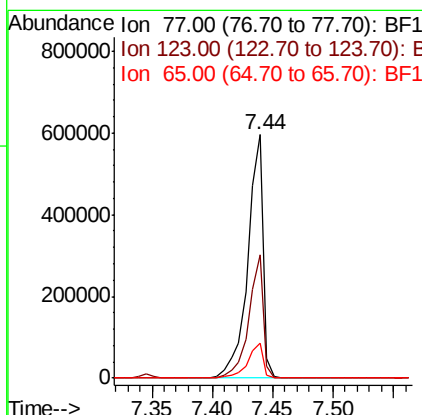
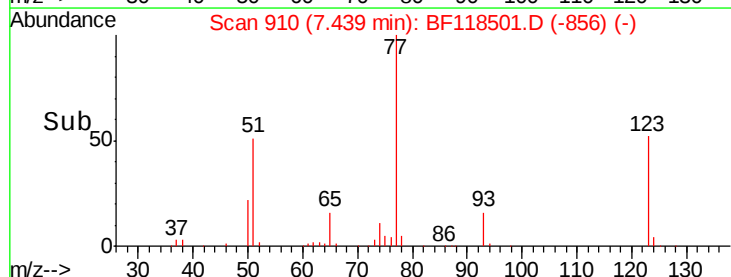
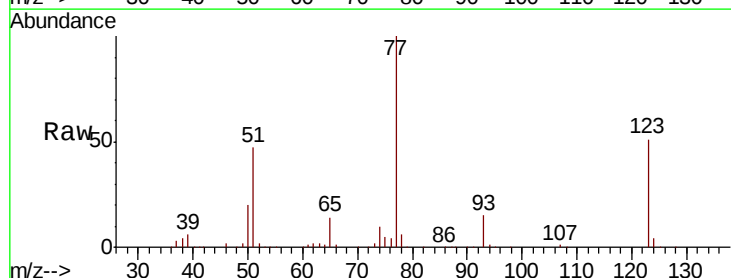
Instrument :
 BNA_F
 ClientSampleId :

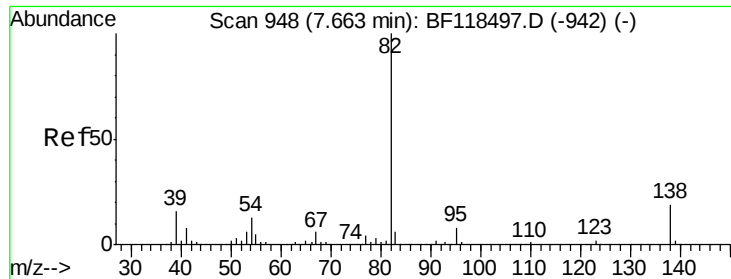
Tot Ion: 82 Resp: 1057869
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.6 54.8
 54 47.7 37.0 55.6



#24
 Nitrobenzene
 Concen: 82.458 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.02 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion: 77 Resp: 530574
 Ion Ratio Lower Upper
 77 100
 123 50.8 37.0 55.4
 65 14.2 10.7 16.1





#25

Isophorone

Concen: 80.745 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

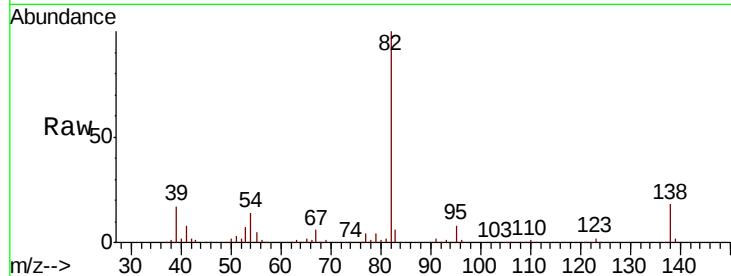
Tot Ion: 82 Resp: 895687

Ion Ratio Lower Upper

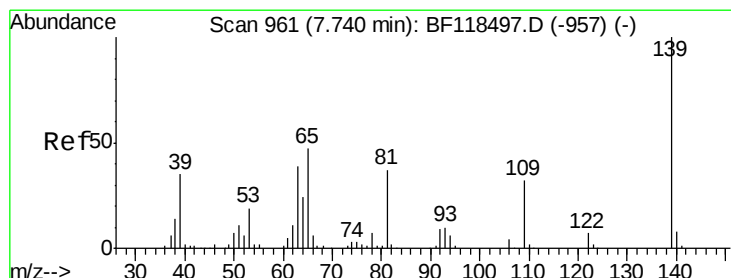
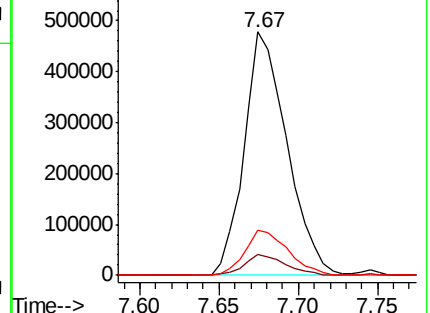
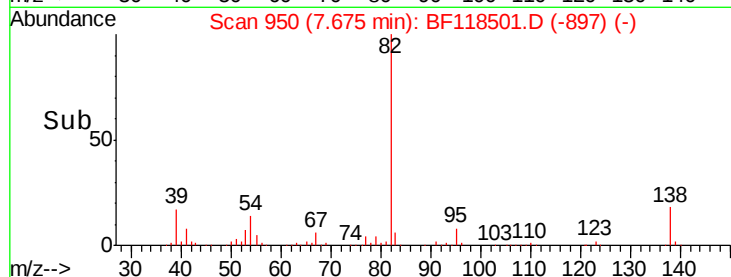
82 100

95 8.4 6.6 9.8

138 18.4 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 82.177 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

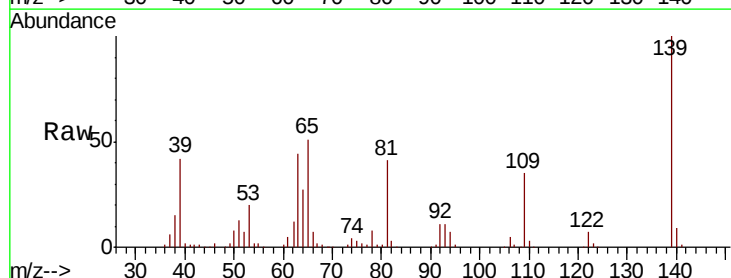
Tgt Ion: 139 Resp: 282604

Ion Ratio Lower Upper

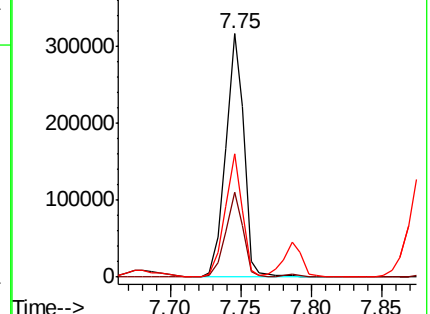
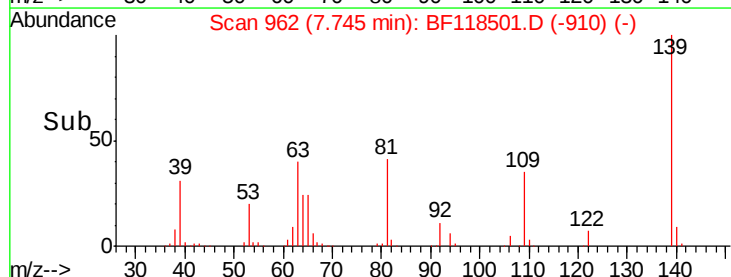
139 100

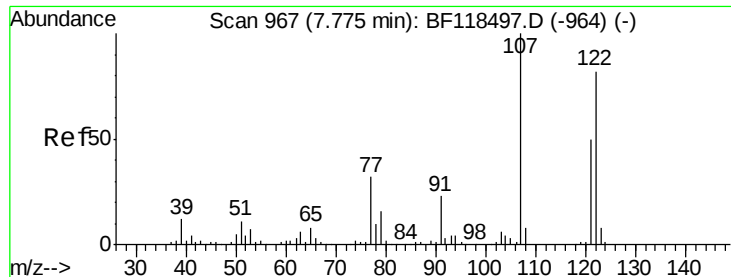
109 34.8 25.7 38.5

65 50.8 37.8 56.6



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

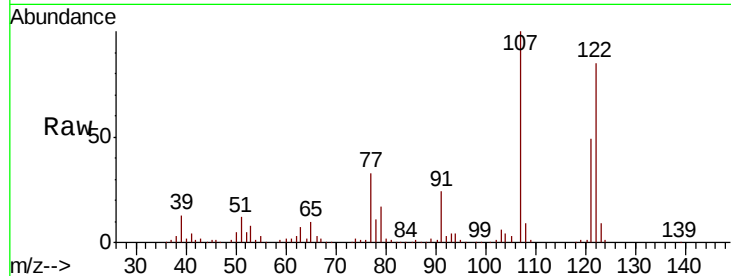




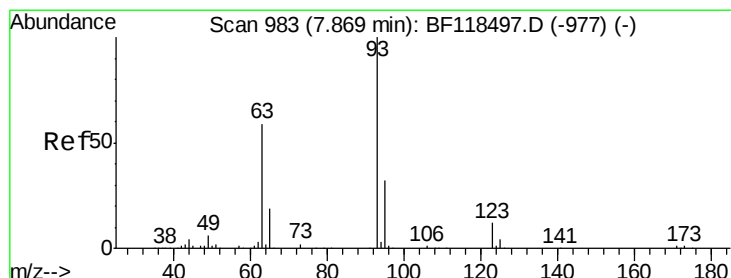
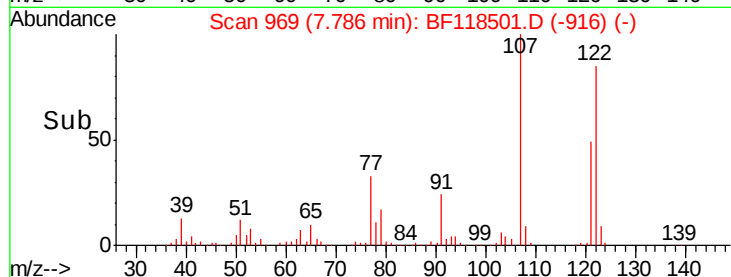
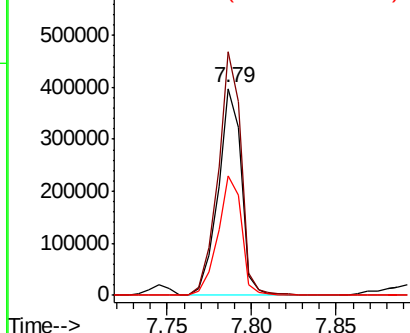
#27
 2,4-Dimethylphenol
 Concen: 84.278 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 379464
 Ion Ratio Lower Upper
 122 100
 107 117.8 97.9 146.9
 121 58.0 49.0 73.4

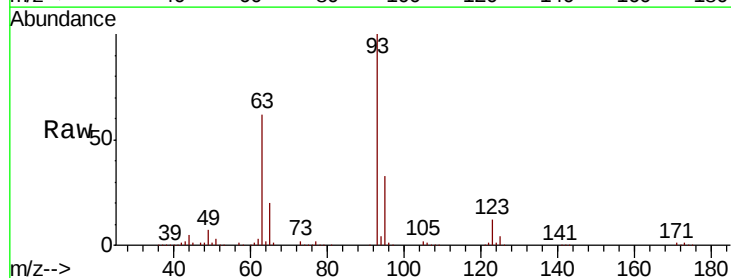


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

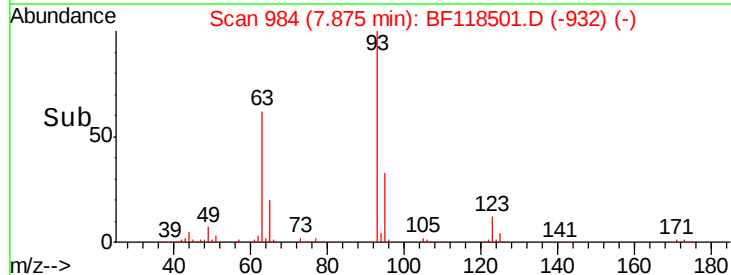
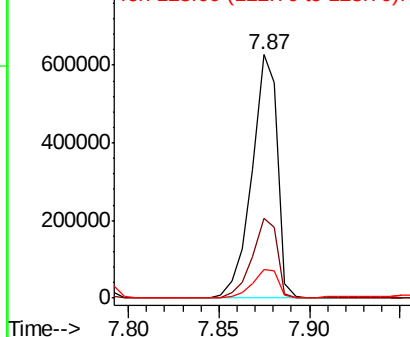


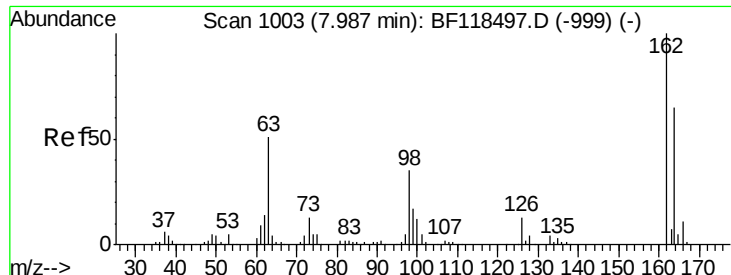
#28
 bis(2-Chloroethoxy)methane
 Concen: 87.342 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion: 93 Resp: 612964
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.9 38.9
 123 11.6 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

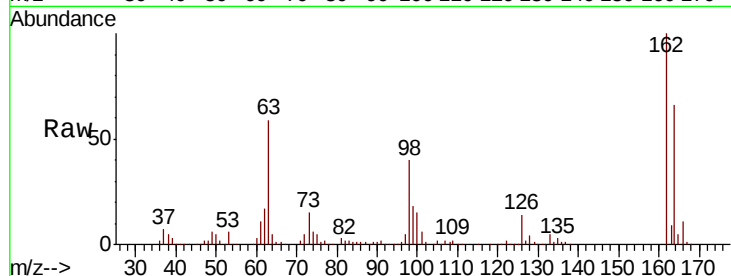




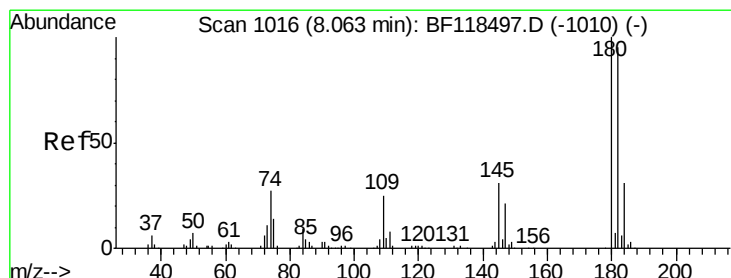
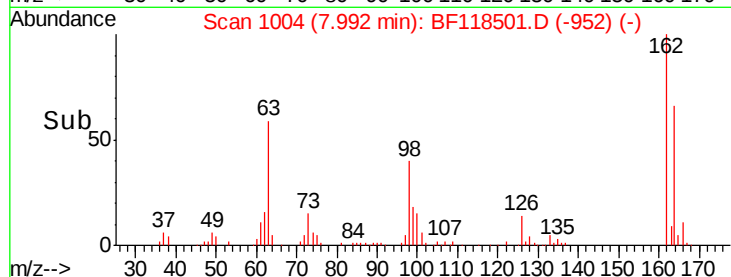
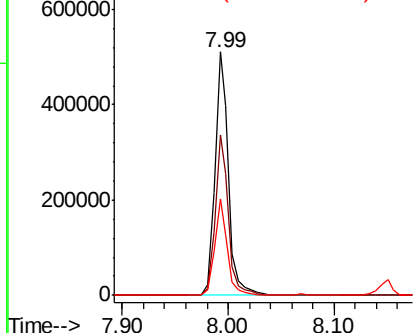
#29
2,4-Dichlorophenol
Concen: 87.391 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.8	84.8
98	39.6	15.1	55.1

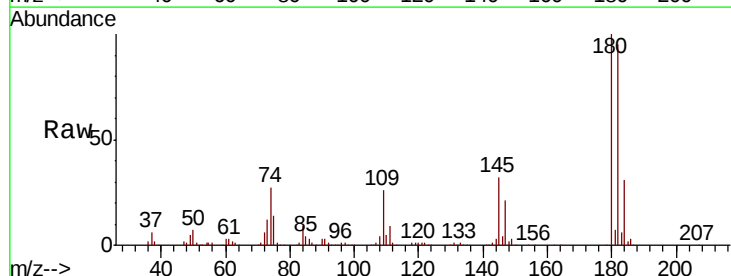


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

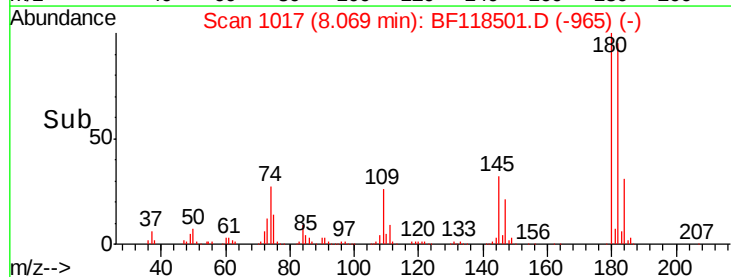
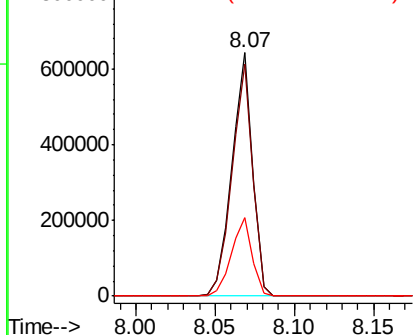


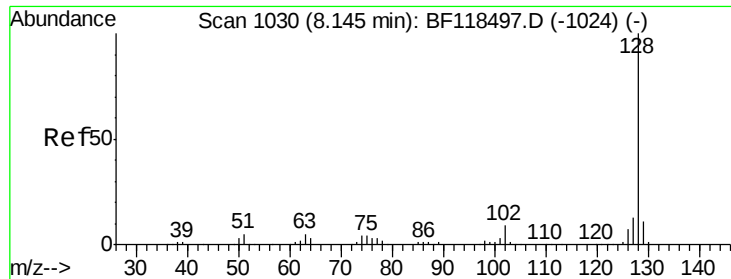
#30
1,2,4-Trichlorobenzene
Concen: 92.139 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	32.1	25.0	37.6



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

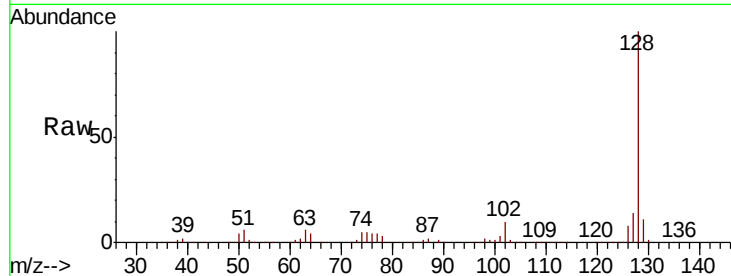




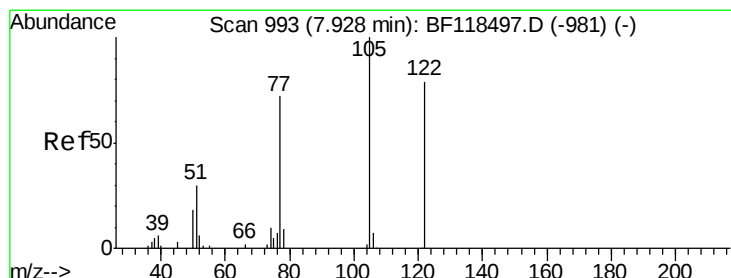
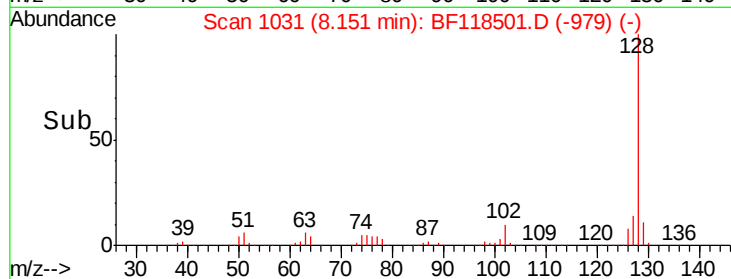
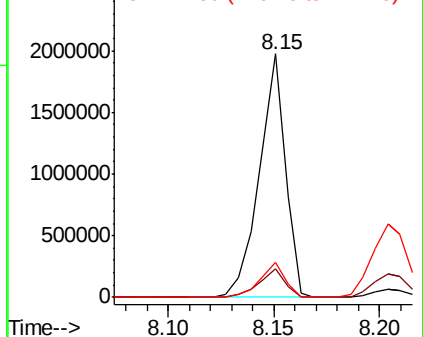
#31
Naphthalene
Concen: 92.131 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1707611
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.3 10.7 16.1

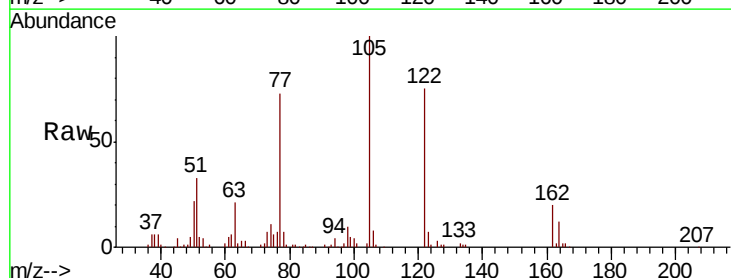


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

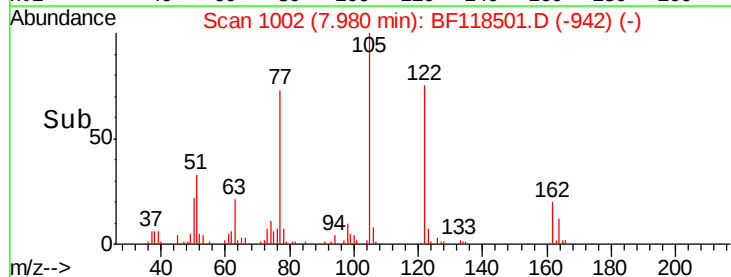
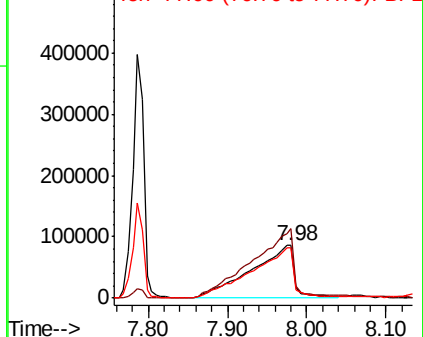


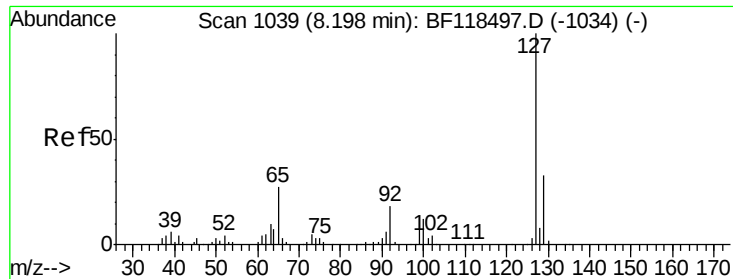
#32
Benzoic acid
Concen: 102.578 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.05 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:122 Resp: 321847
Ion Ratio Lower Upper
122 100
105 132.5 105.7 145.7
77 96.1 71.0 111.0



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

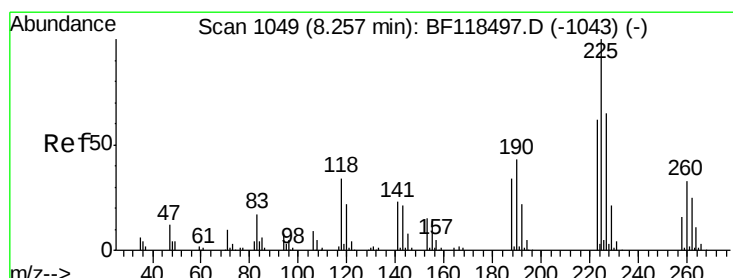
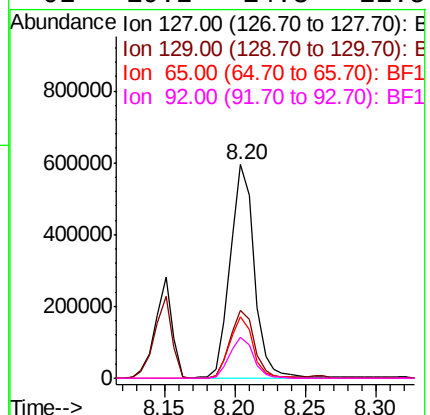
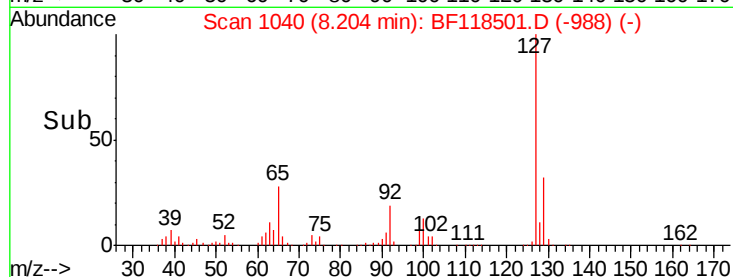
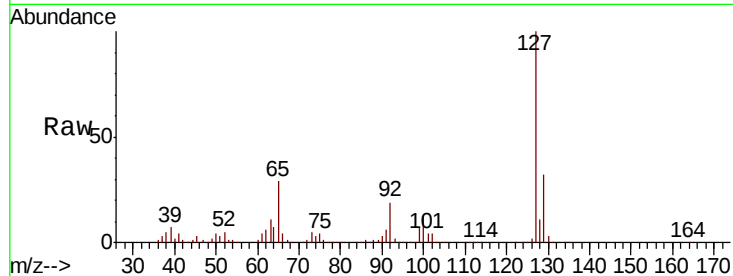




#33
4-Chloroaniline
Concen: 90.701 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

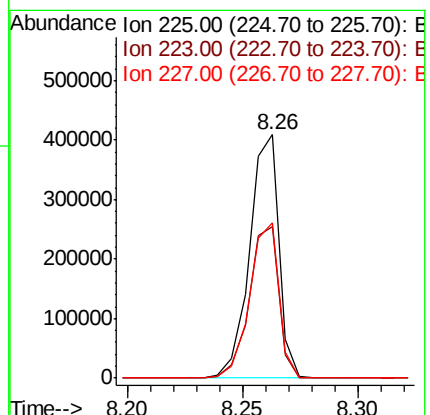
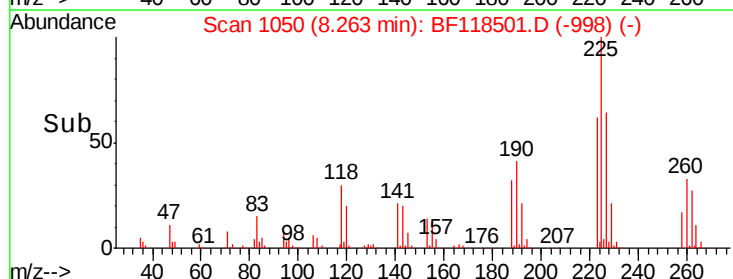
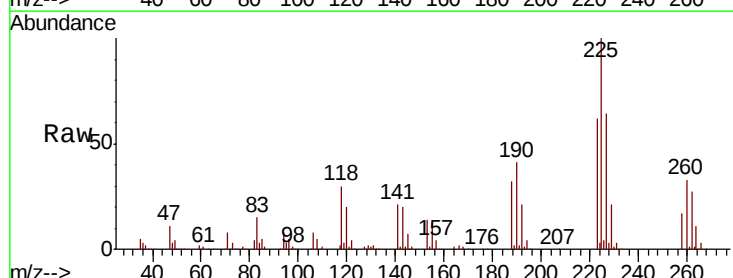
Instrument :
BNA_F
ClientSampleId :

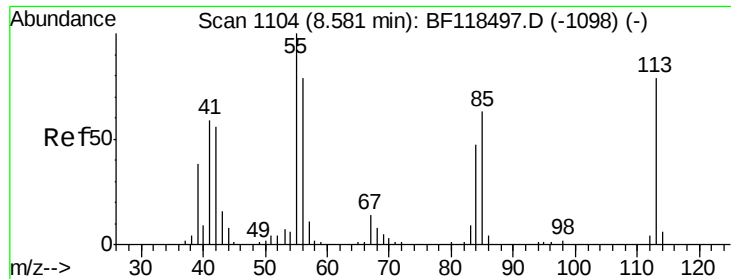
Tot Ion:	127	Resp:	704970
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	28.7	21.6	32.4
92	19.2	14.3	21.5



#34
Hexachlorobutadiene
Concen: 96.847 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:	225	Resp:	362991
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.9	74.9
227	63.8	51.8	77.6

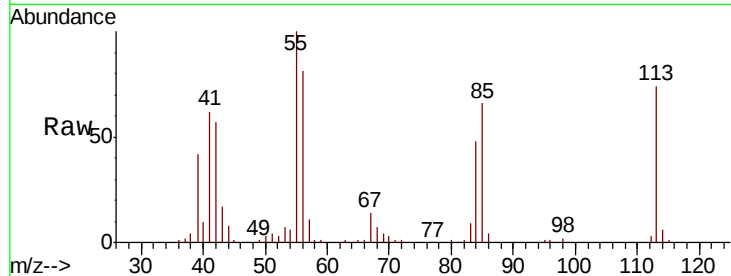




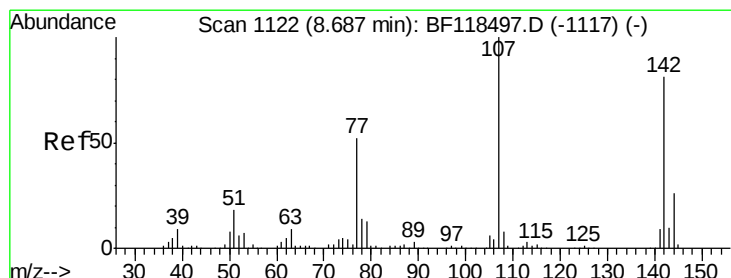
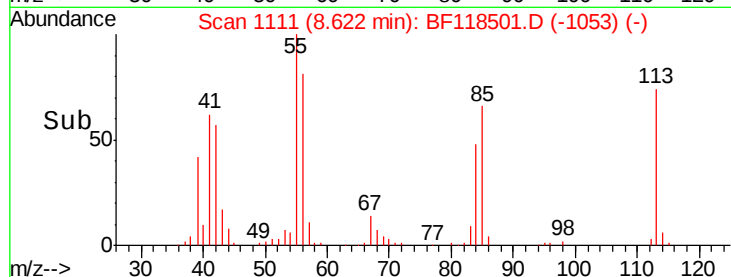
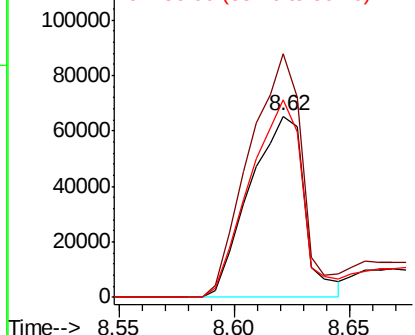
#35
Caprolactam
Concen: 64.281 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.04 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 107740
Ion Ratio Lower Upper
113 100
55 134.5 106.5 146.5
56 109.2 80.1 120.1

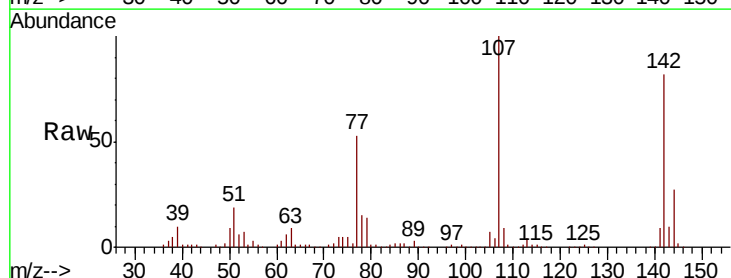


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

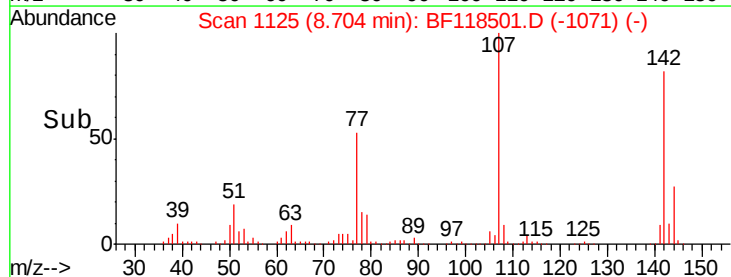
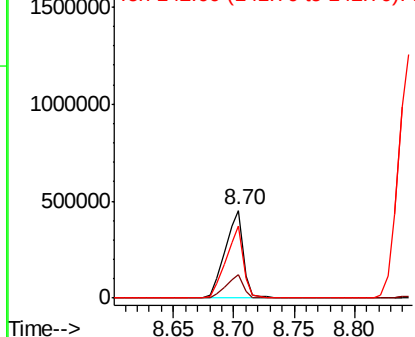


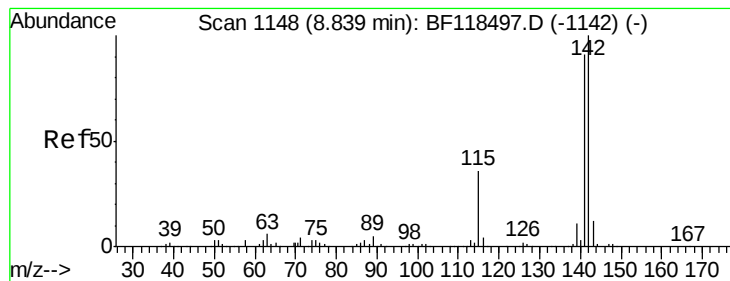
#36
4-Chloro-3-methylphenol
Concen: 84.080 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:107 Resp: 469760
Ion Ratio Lower Upper
107 100
144 27.0 20.6 31.0
142 82.5 65.0 97.4



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





#37

2-Methylnaphthalene

Concen: 85.385 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

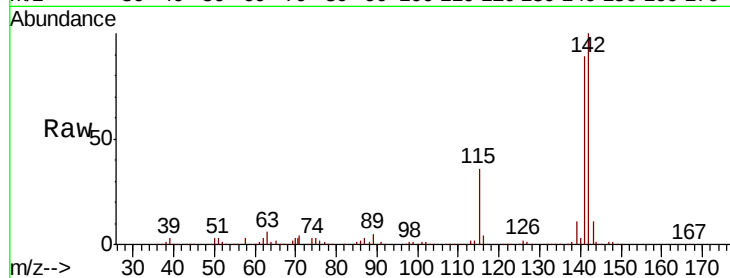
Tot Ion:142 Resp: 1081879

Ion Ratio Lower Upper

142 100

141 89.2 73.0 109.6

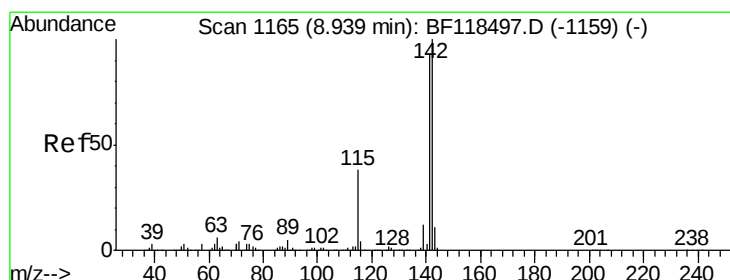
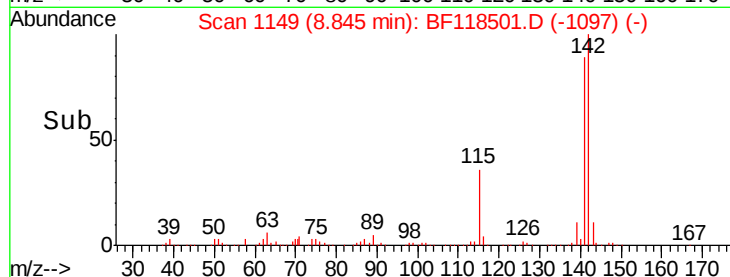
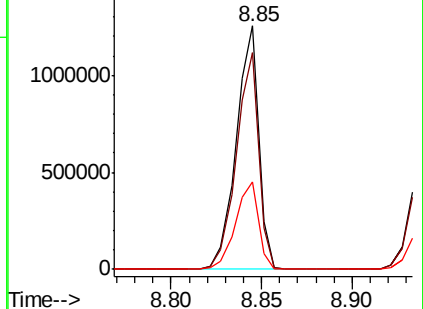
115 36.0 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 84.967 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

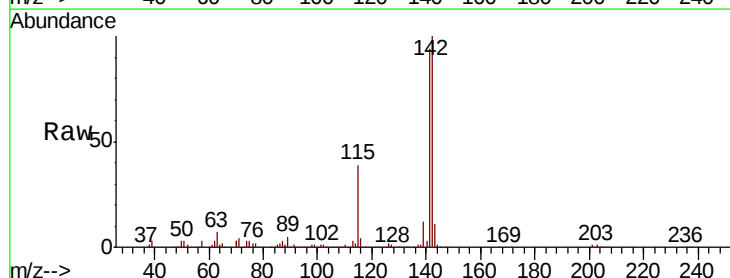
Tgt Ion:142 Resp: 1030384

Ion Ratio Lower Upper

142 100

141 93.6 74.3 111.5

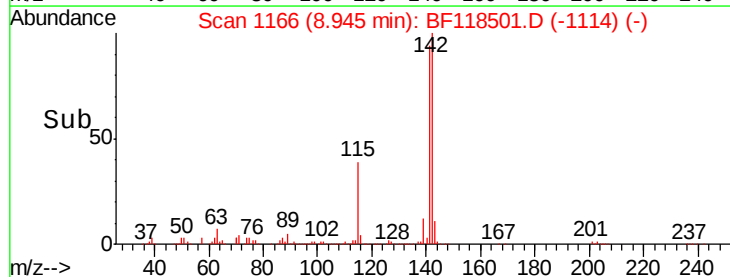
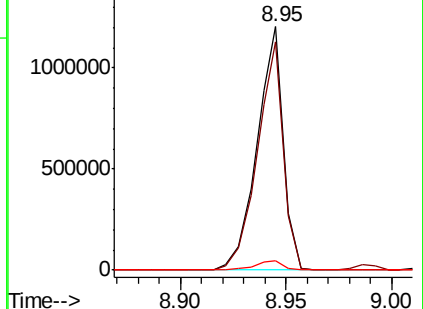
116 4.0 3.2 4.8

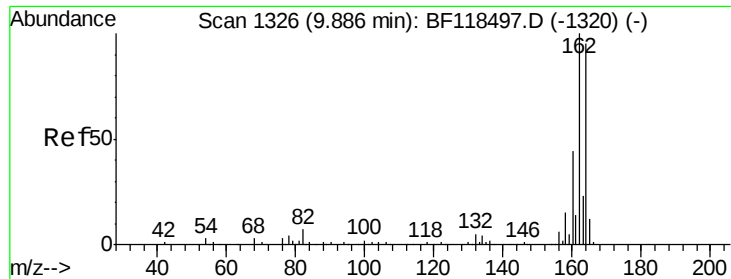


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

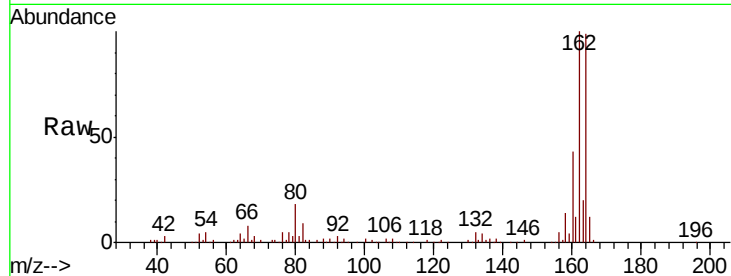




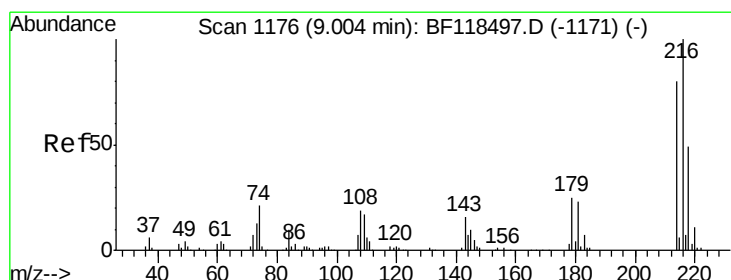
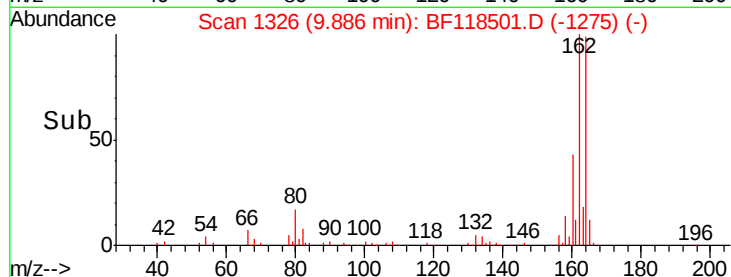
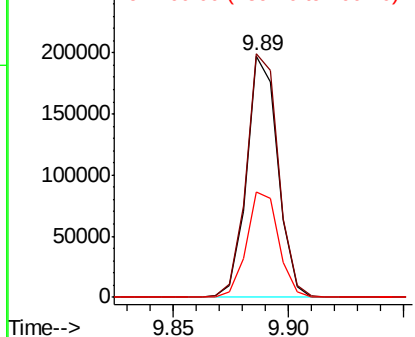
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 186146
Ion Ratio Lower Upper
164 100
162 101.0 84.2 126.4
160 43.7 36.8 55.2

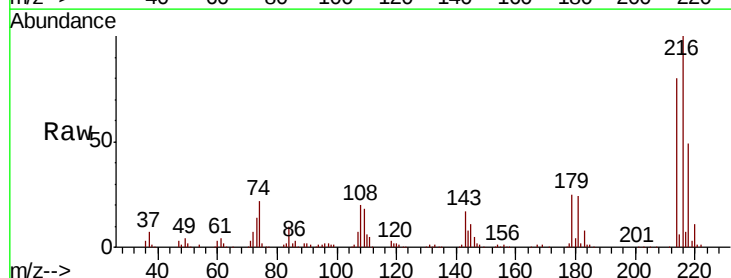


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

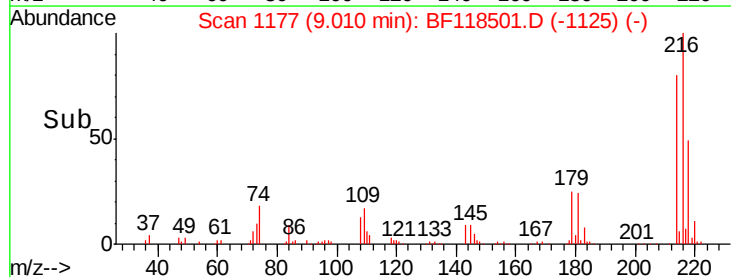
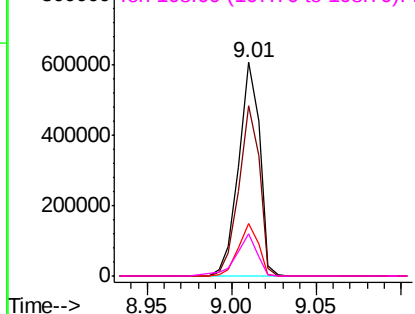


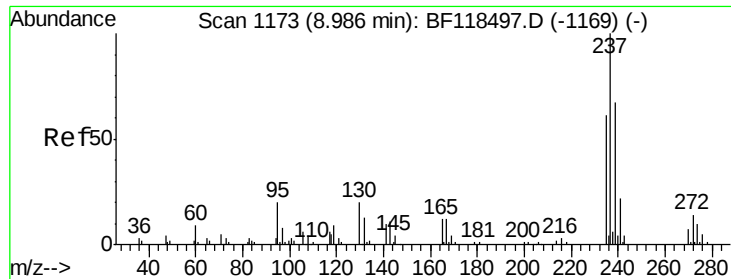
#40
1,2,4,5-Tetrachlorobenzene
Concen: 93.458 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:216 Resp: 526288
Ion Ratio Lower Upper
216 100
214 78.3 62.4 93.6
179 23.6 18.7 28.1
108 19.4 15.3 22.9



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





#41

Hexachlorocyclopentadiene

Concen: 161.111 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

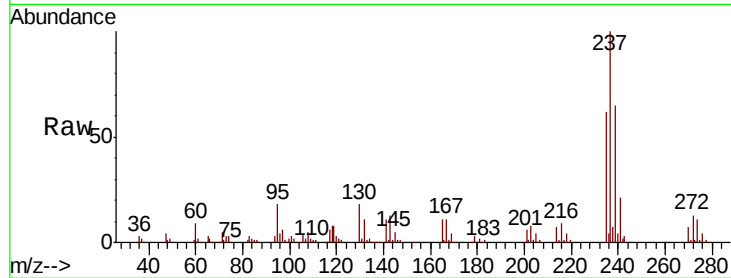
Tot Ion:237 Resp: 164227

Ion Ratio Lower Upper

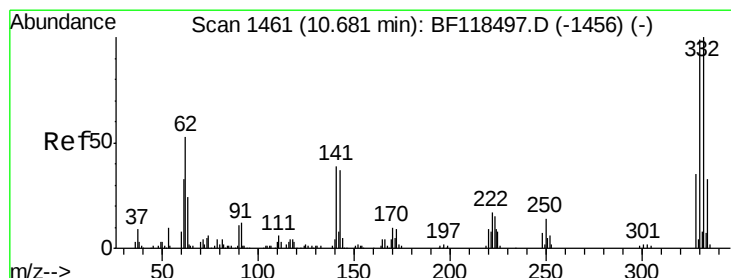
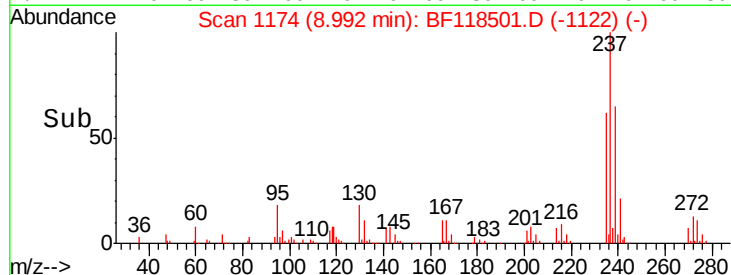
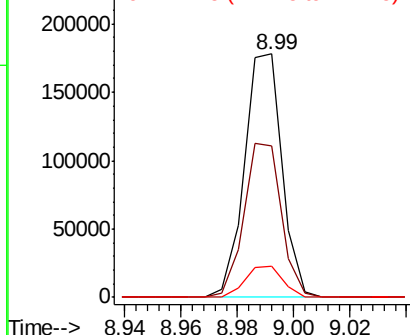
237 100

235 62.0 40.8 80.8

272 13.0 0.0 34.2



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



#42

2,4,6-Tribromophenol

Concen: 185.707 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

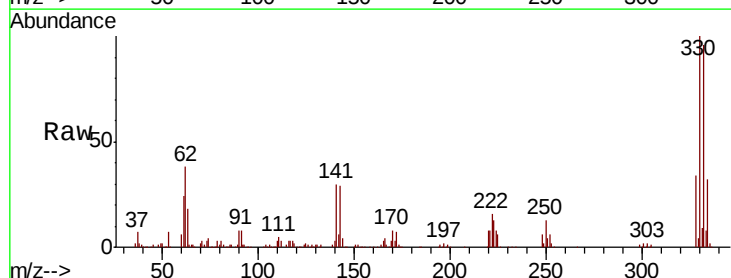
Tgt Ion:330 Resp: 420992

Ion Ratio Lower Upper

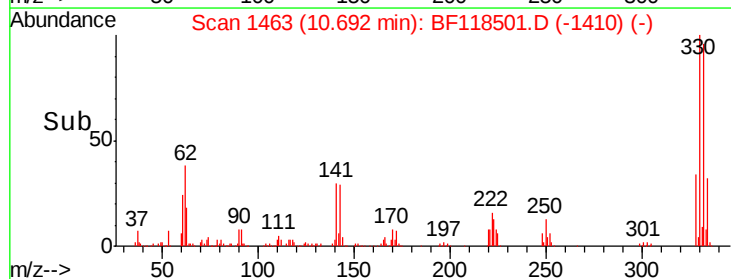
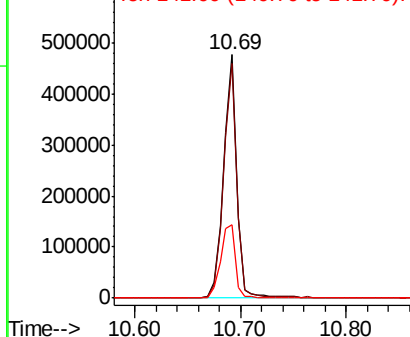
330 100

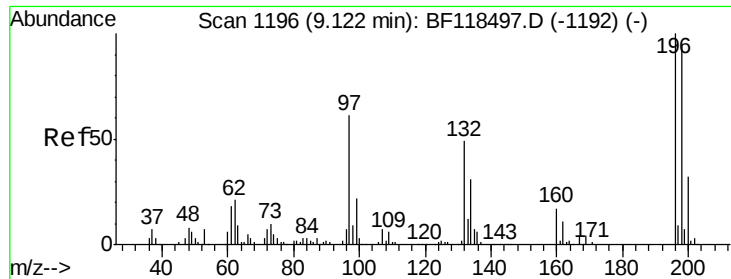
332 96.8 77.9 116.9

141 34.1 28.6 43.0



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

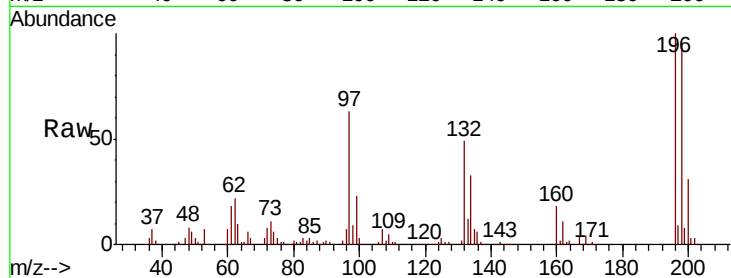




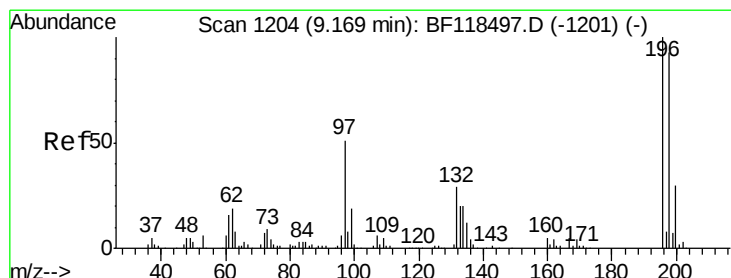
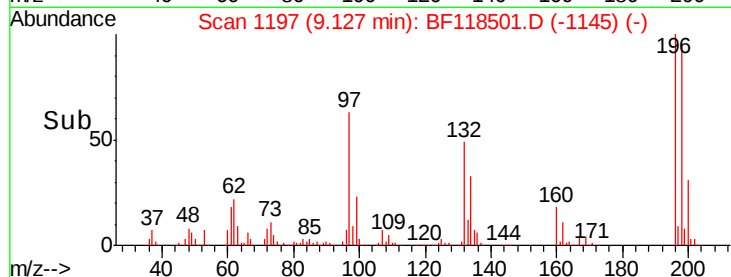
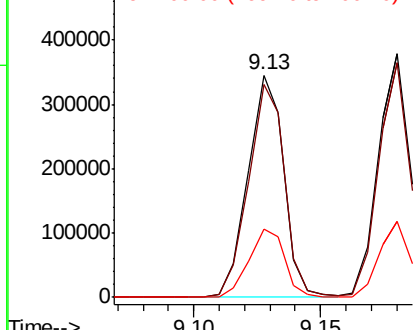
#43
 2,4,6-Trichlorophenol
 Concen: 94.484 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 339812
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 200 30.9 25.2 37.8

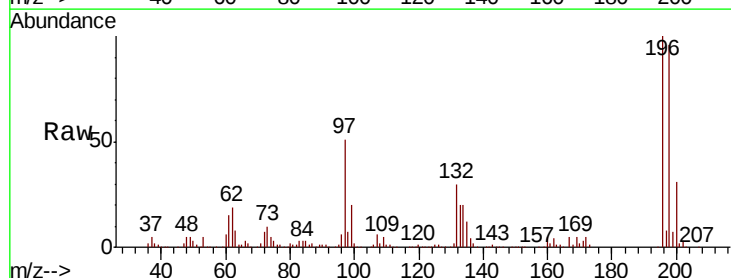


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

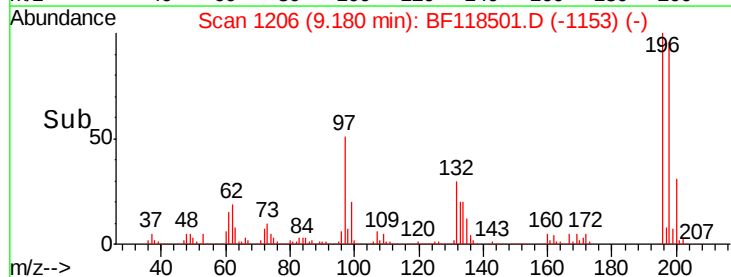
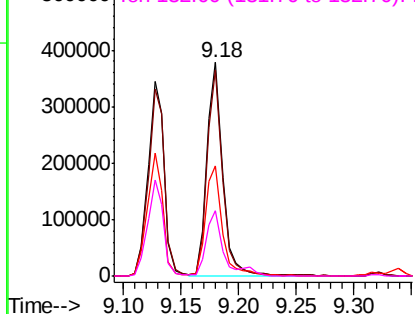


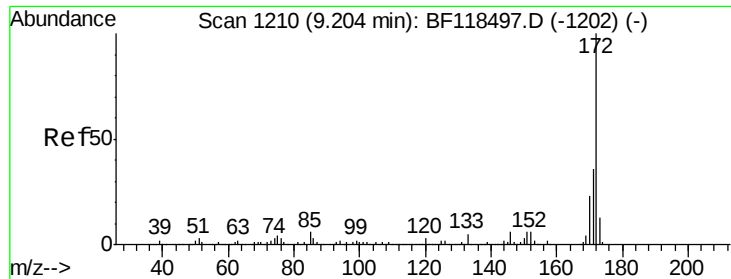
#44
 2,4,5-Trichlorophenol
 Concen: 98.597 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:196 Resp: 360976
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.7 112.1
 97 51.4 40.7 61.1
 132 30.3 23.7 35.5



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

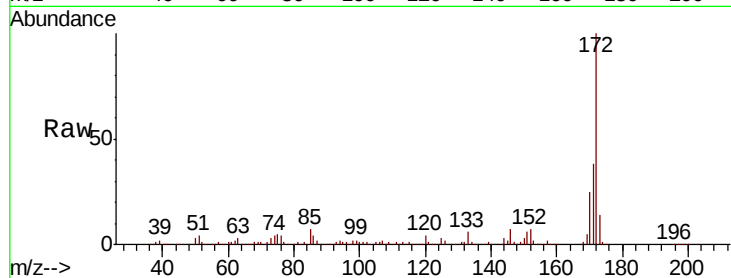




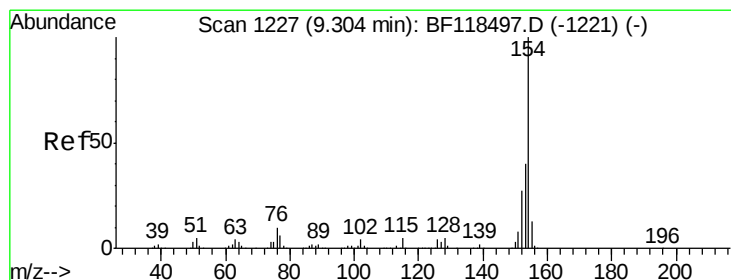
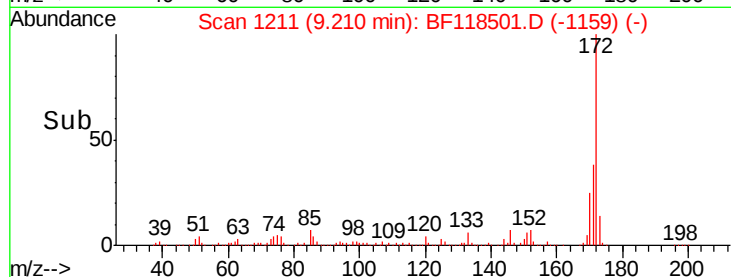
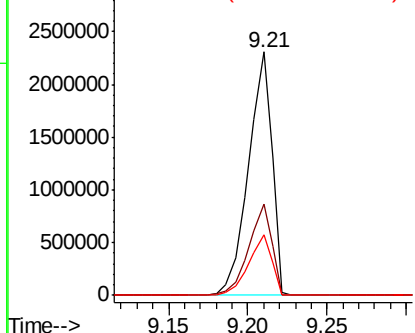
#45
 2-Fluorobiphenyl
 Concen: 187.896 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2369226
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.6 42.8
 170 24.8 18.6 27.8

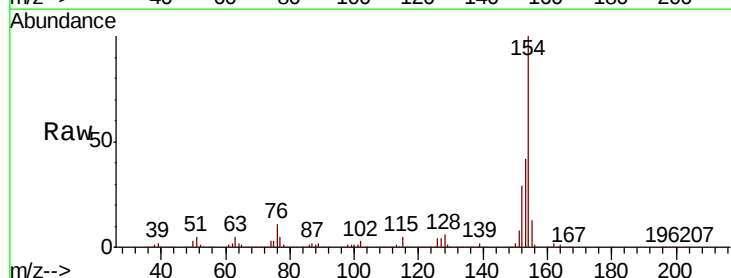


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

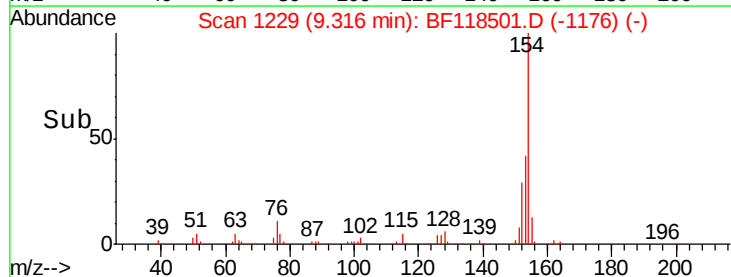
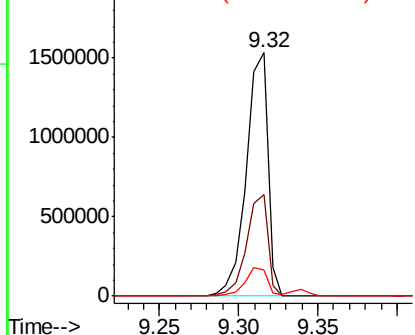


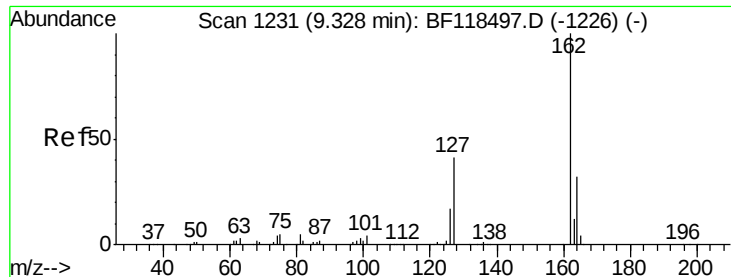
#46
 1,1'-Biphenyl
 Concen: 96.933 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:154 Resp: 1444368
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.2 60.2
 76 10.5 0.0 30.4



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

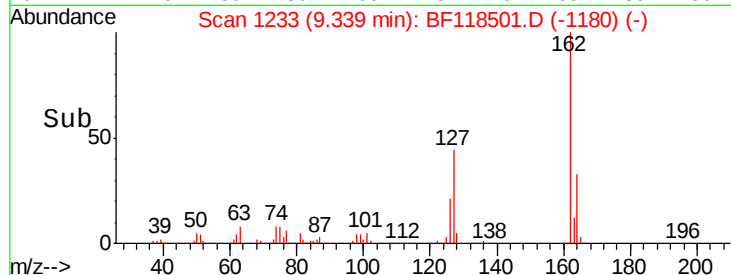
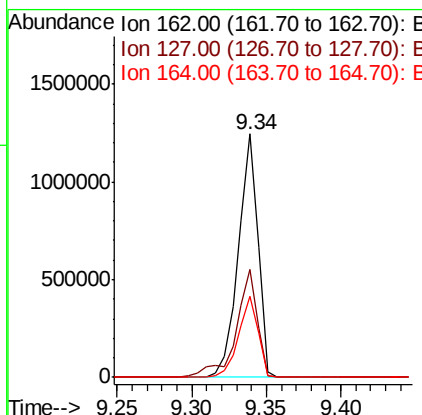
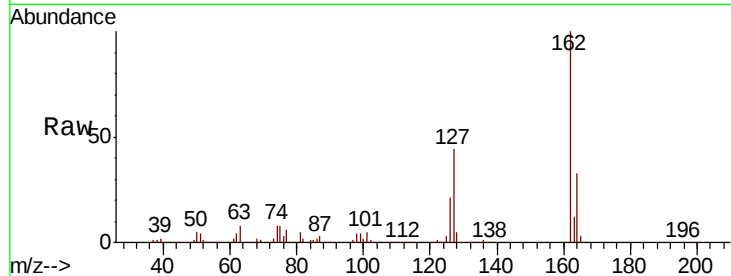




#47
 2-Chloronaphthalene
 Concen: 95.849 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

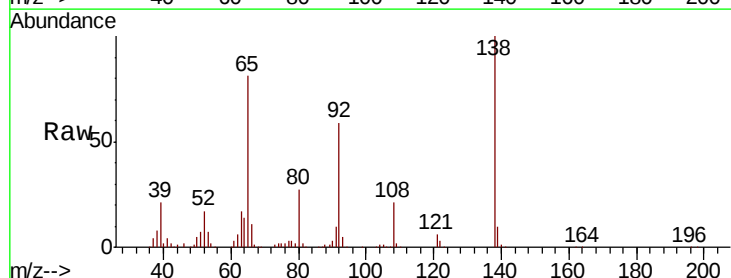
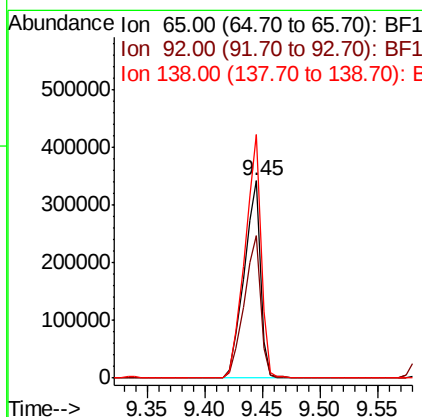
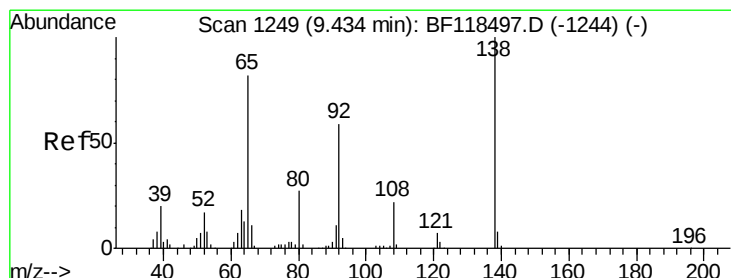
Instrument :
 BNA_F
 ClientSampleId :

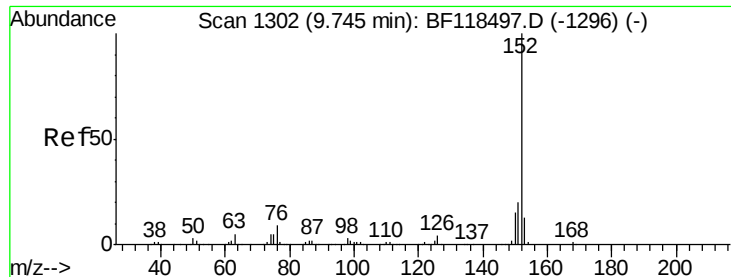
Tot Ion:162 Resp: 1144662
 Ion Ratio Lower Upper
 162 100
 127 44.2 35.5 53.3
 164 33.4 25.8 38.8



#48
 2-Nitroaniline
 Concen: 98.058 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion: 65 Resp: 338355
 Ion Ratio Lower Upper
 65 100
 92 72.6 57.7 86.5
 138 123.5 97.2 145.8





#49

Acenaphthylene

Concen: 94.222 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

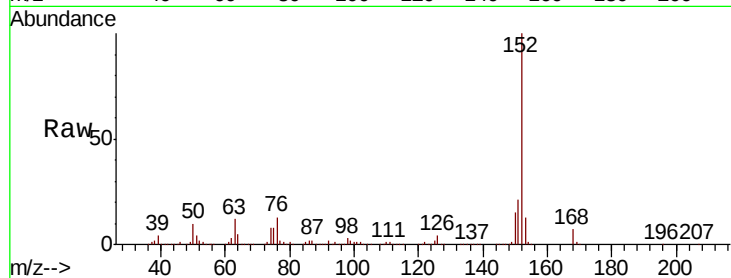
Tot Ion:152 Resp: 1672955

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.4 10.6 16.0

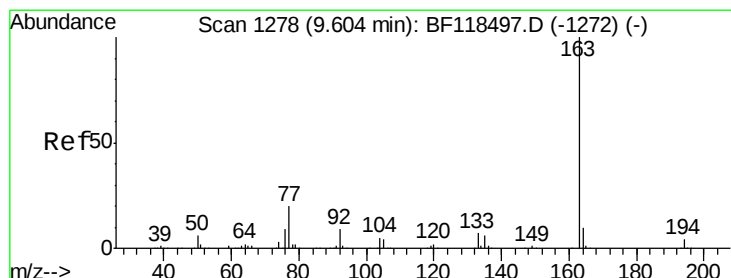
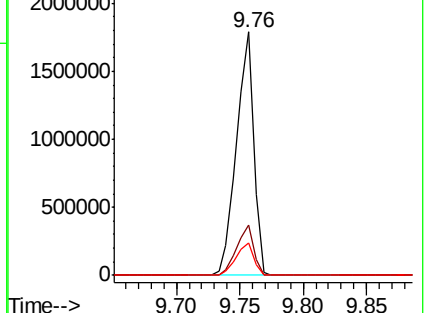
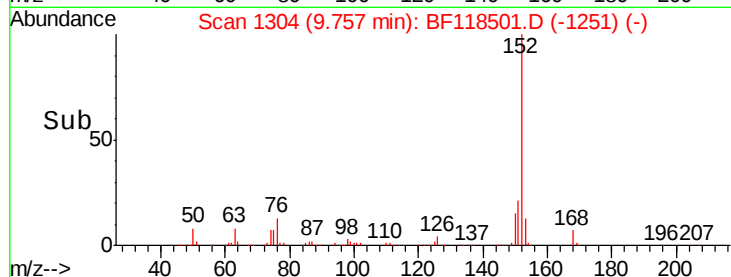


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 93.792 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

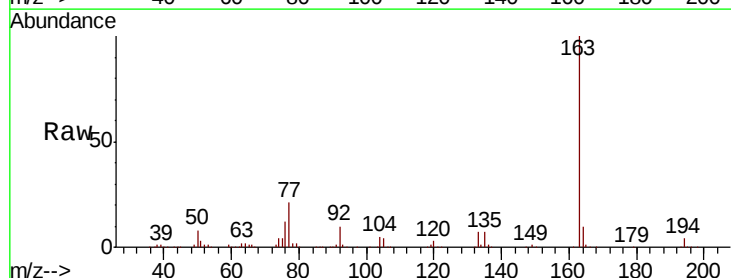
Tgt Ion:163 Resp: 1344058

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.5 8.1 12.1

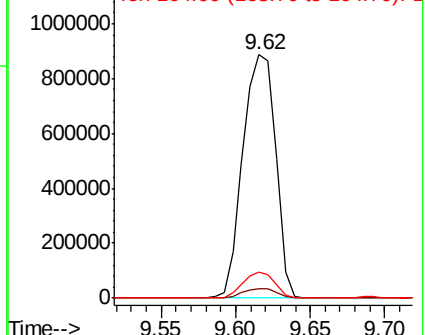
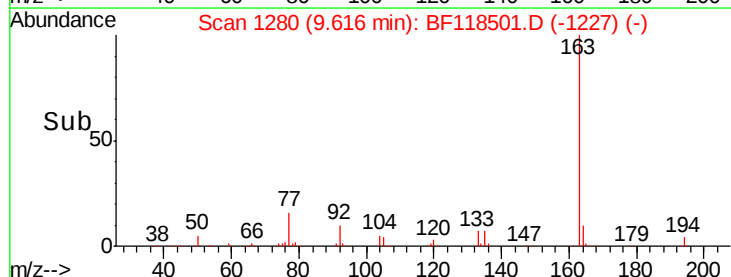


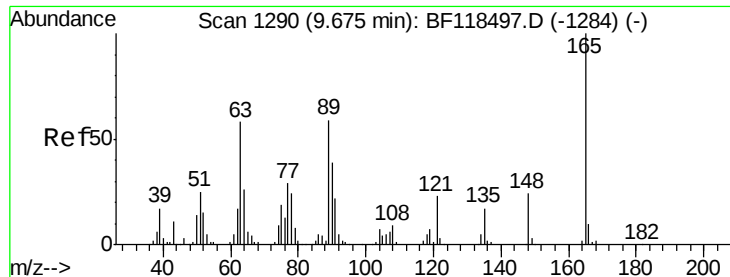
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

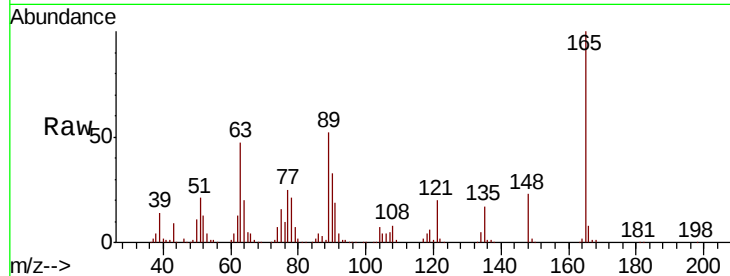




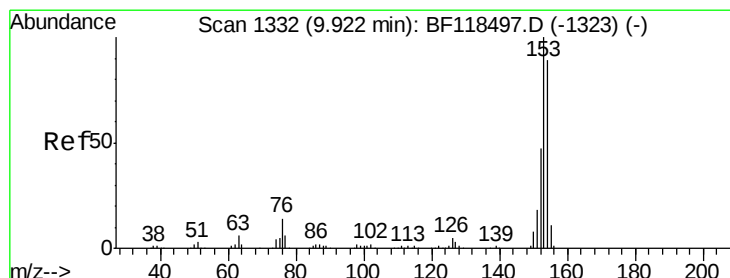
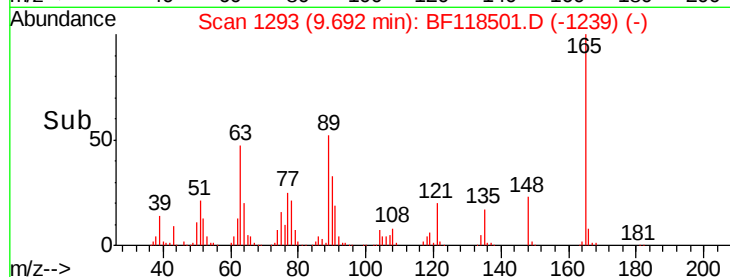
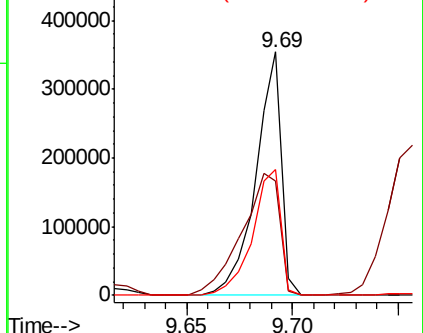
#51
 2,6-Dinitrotoluene
 Concen: 101.632 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.02 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 298473
 Ion Ratio Lower Upper
 165 100
 63 46.8 46.6 70.0
 89 51.8 47.5 71.3

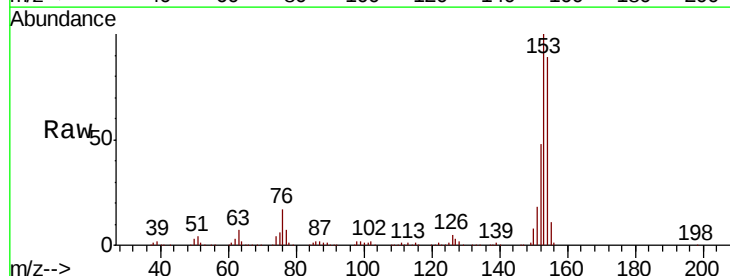


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

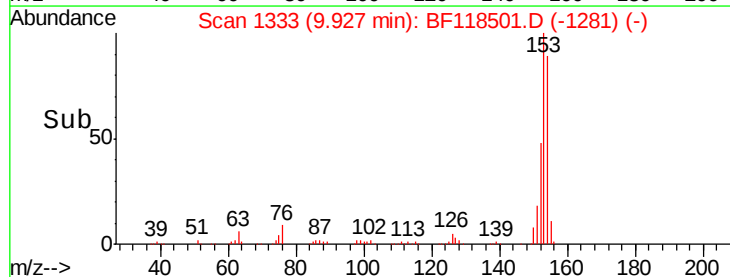
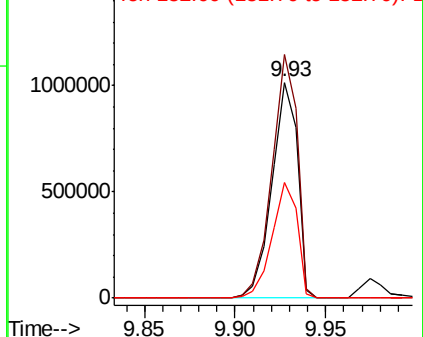


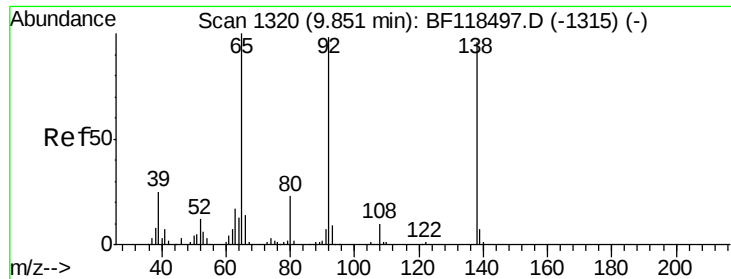
#52
 Acenaphthene
 Concen: 88.574 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:154 Resp: 990258
 Ion Ratio Lower Upper
 154 100
 153 112.7 89.7 134.5
 152 53.6 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

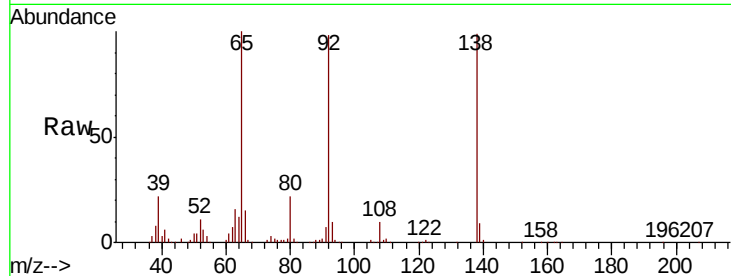




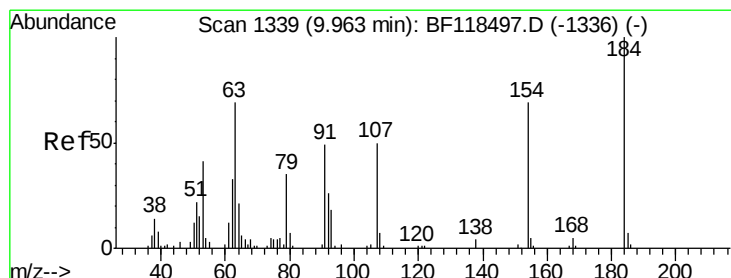
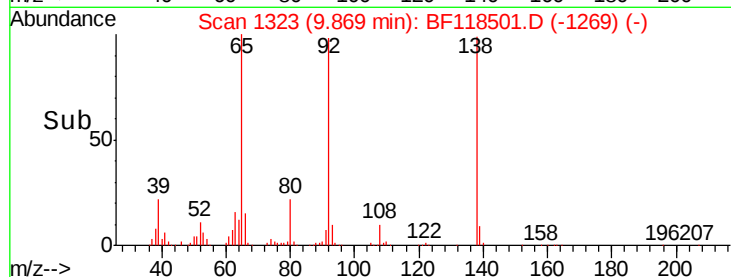
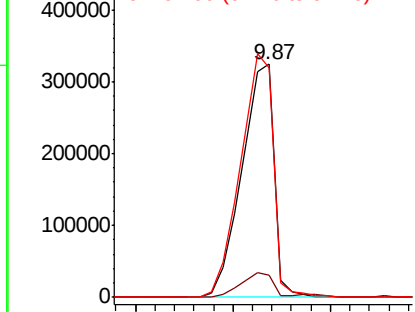
#53
3-Nitroaniline
Concen: 103.407 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 371693
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 98.6 81.6 122.4

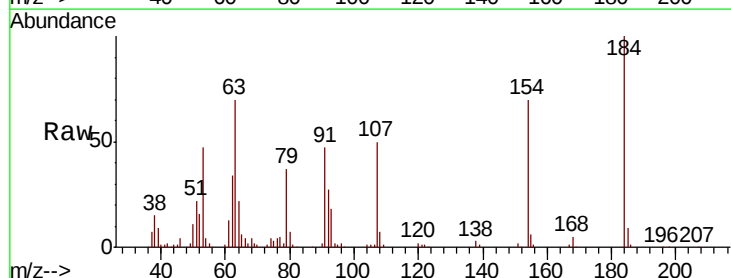


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

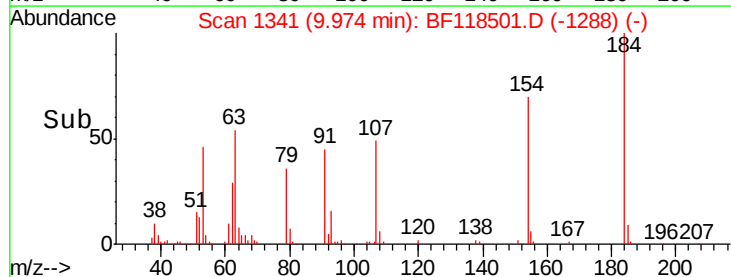
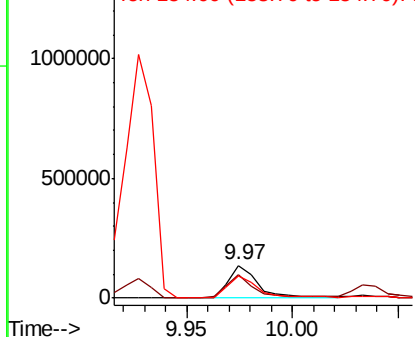


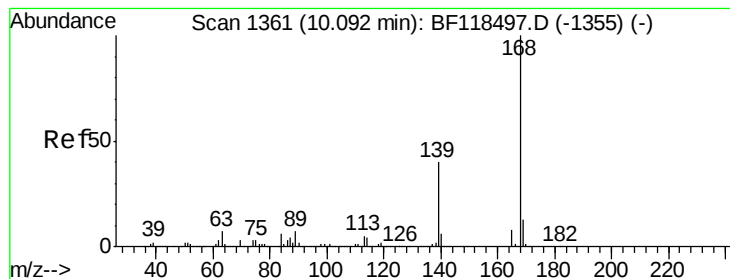
#54
2,4-Dinitrophenol
Concen: 108.374 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:184 Resp: 134608
Ion Ratio Lower Upper
184 100
63 70.3 55.3 82.9
154 69.8 55.0 82.4



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





#55

Dibenzofuran

Concen: 89.660 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

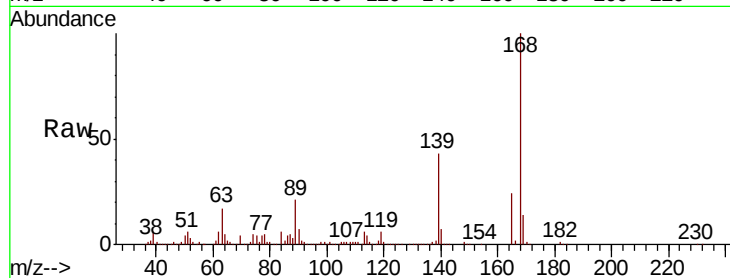
Tot Ion:168 Resp: 1419194

Ion Ratio Lower Upper

168 100

139 42.8 32.5 48.7

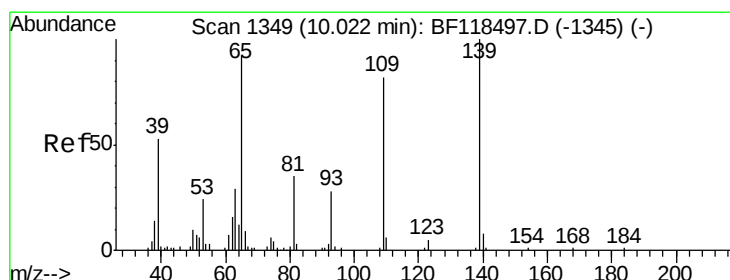
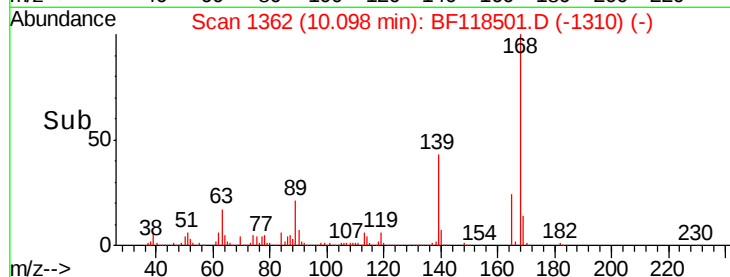
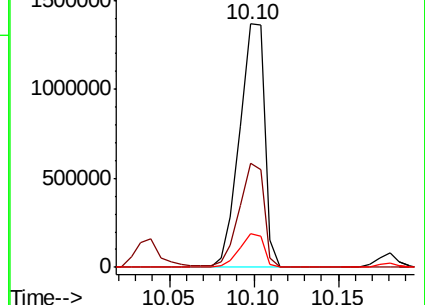
169 13.8 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 99.451 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.02 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

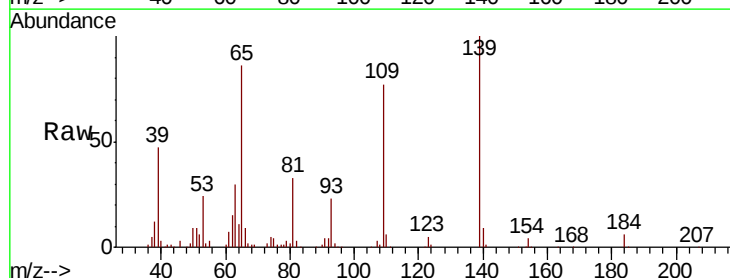
Tgt Ion:139 Resp: 171917

Ion Ratio Lower Upper

139 100

109 77.4 62.2 102.2

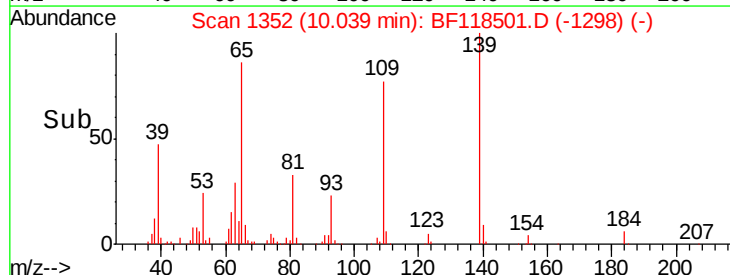
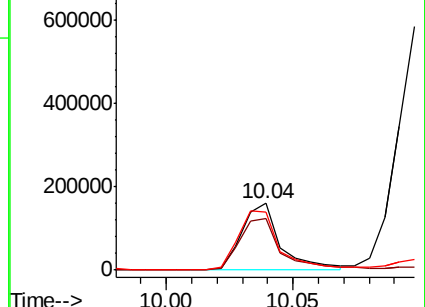
65 86.1 72.8 112.8

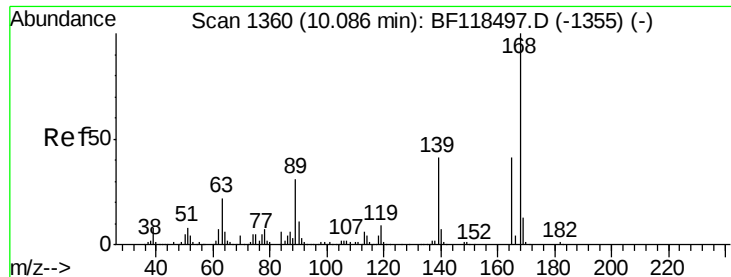


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 91.556 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.02 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 369933

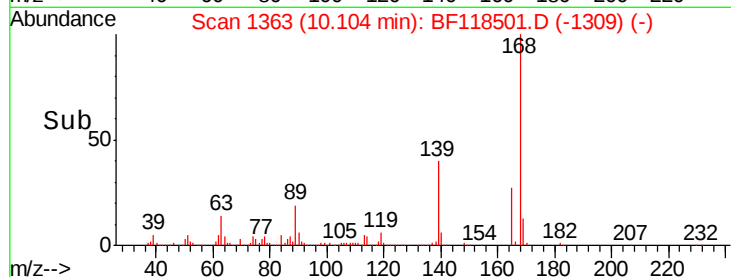
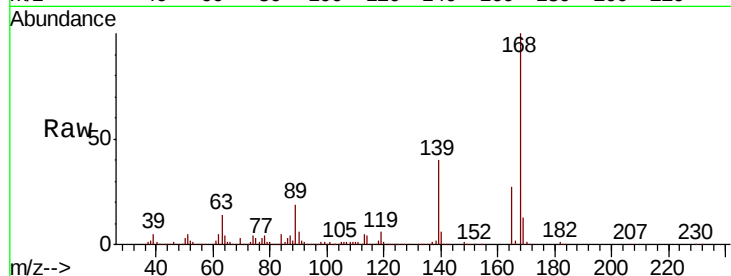
Ion Ratio Lower Upper

165 100

63 51.6 44.1 66.1

89 71.9 60.4 90.6

182 2.9 2.0 3.0

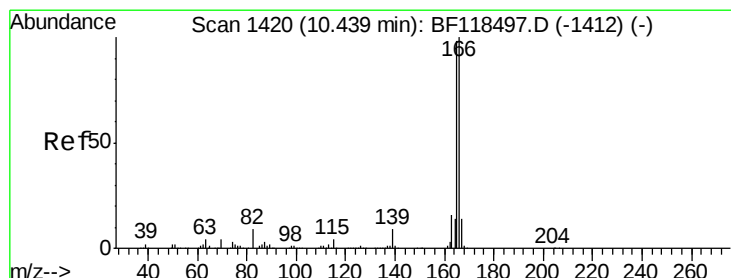
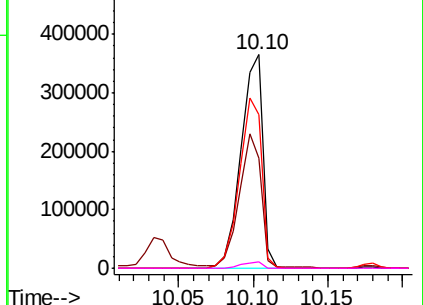


Abundance Ion 165.00 (164.70 to 165.70): E

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: 89.662 ng

RT: 10.44 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

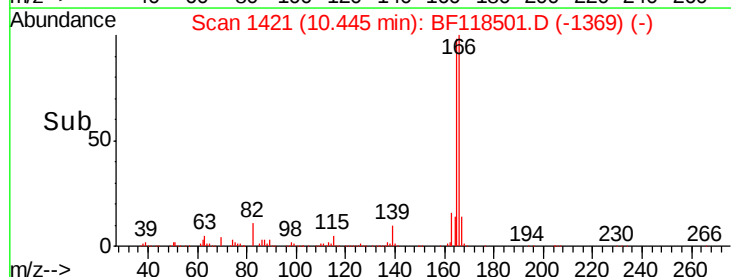
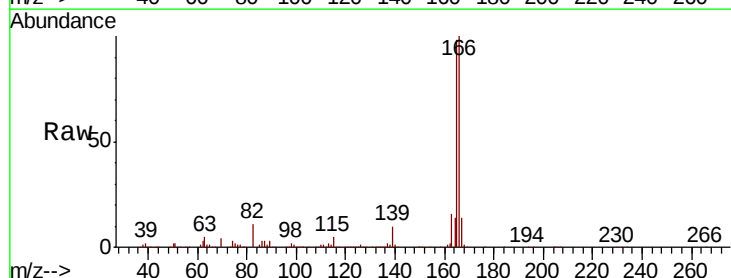
Tgt Ion:166 Resp: 1163745

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

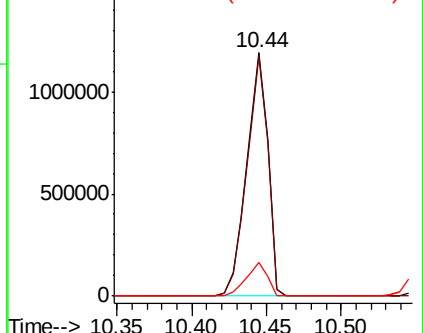
167 13.6 10.8 16.2

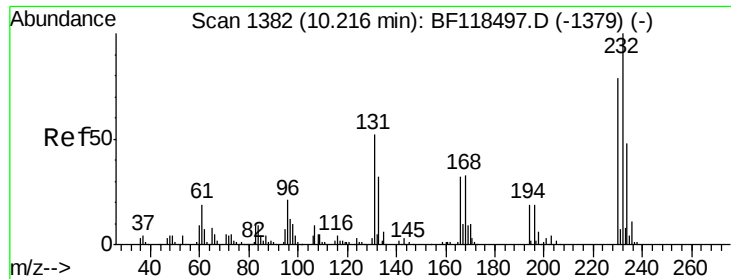


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

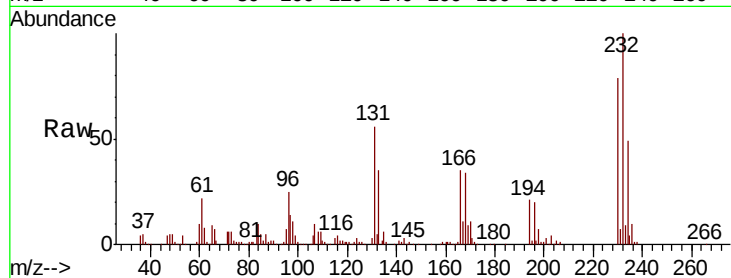




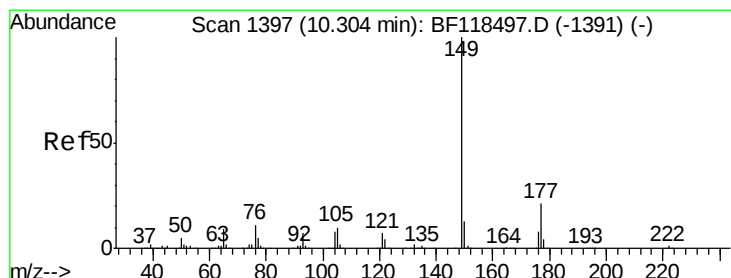
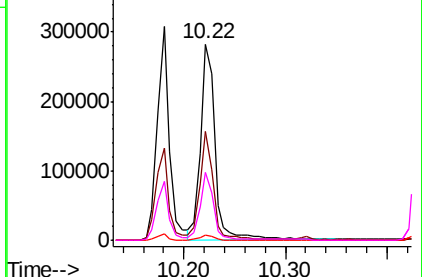
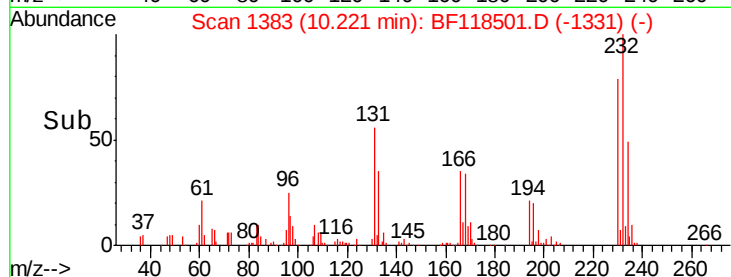
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 91.142 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 276836
 Ion Ratio Lower Upper
 232 100
 131 52.0 42.2 63.4
 130 2.8 2.1 3.1
 166 31.2 25.7 38.5

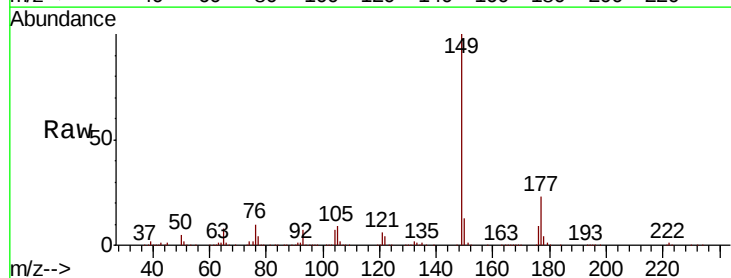


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

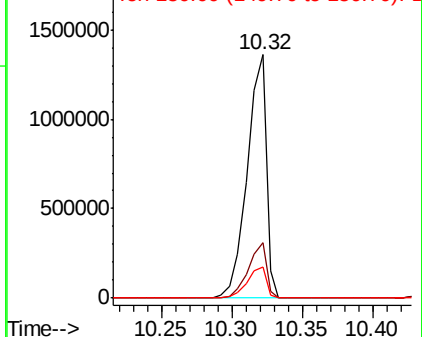
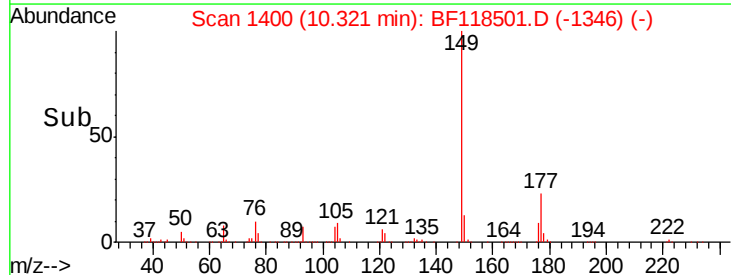


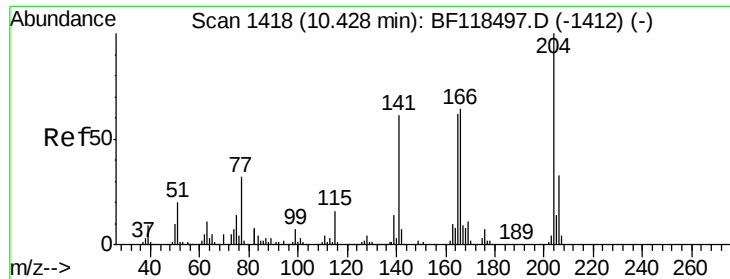
#60
 Diethylphthalate
 Concen: 91.540 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.02 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:149 Resp: 1289932
 Ion Ratio Lower Upper
 149 100
 177 22.5 16.5 24.7
 150 12.5 10.2 15.2



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

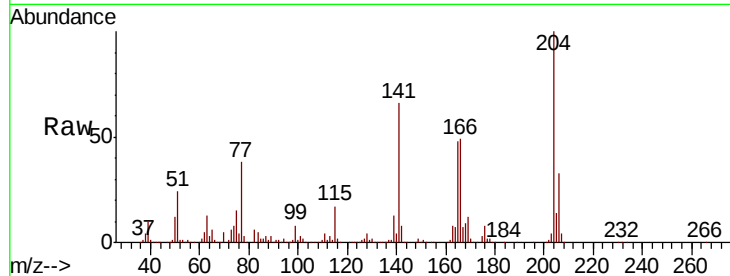




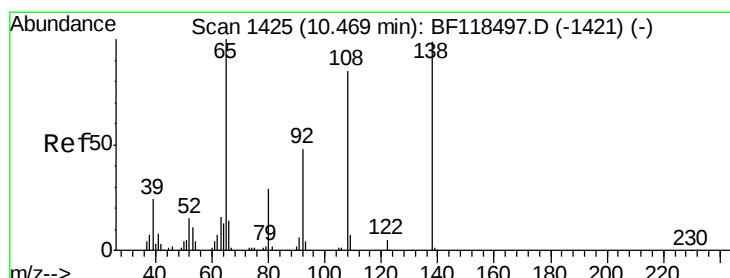
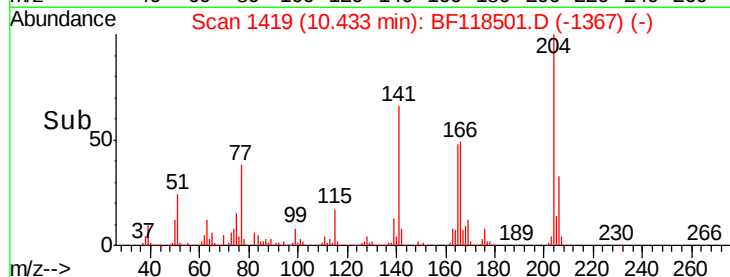
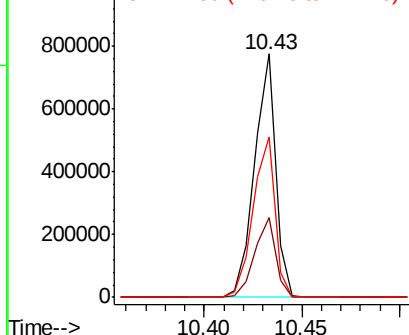
#61
4-Chlorophenyl-phenylether
Concen: 90.396 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 586403
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 65.8 49.0 73.6

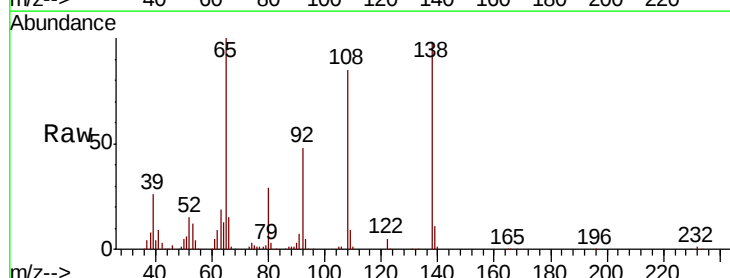


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

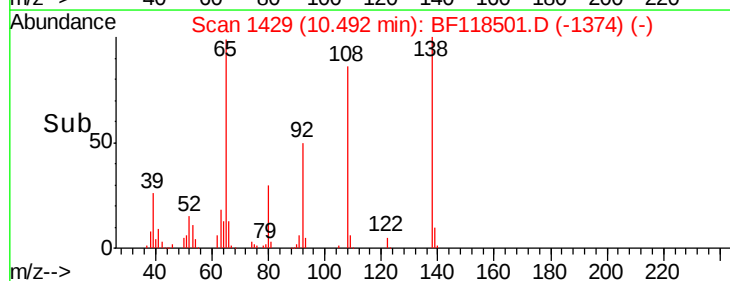
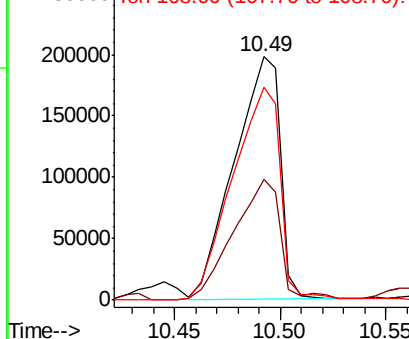


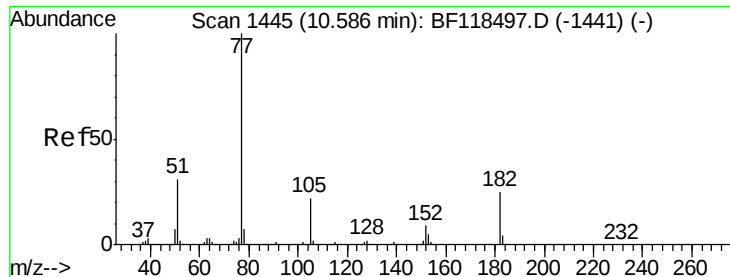
#62
4-Nitroaniline
Concen: 81.336 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:138 Resp: 299227
Ion Ratio Lower Upper
138 100
92 49.6 27.9 67.9
108 87.3 64.7 104.7



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





#63

Azobenzene

Concen: 91.473 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1108519

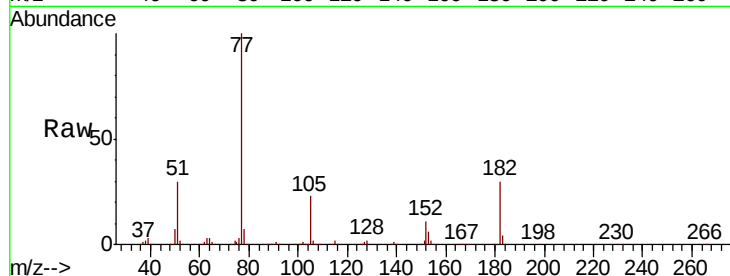
Ion Ratio Lower Upper

77 100

182 29.9 5.2 45.2

105 23.2 1.7 41.7

51 29.8 11.2 51.2

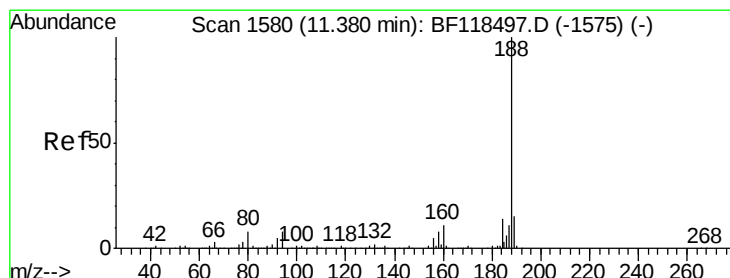
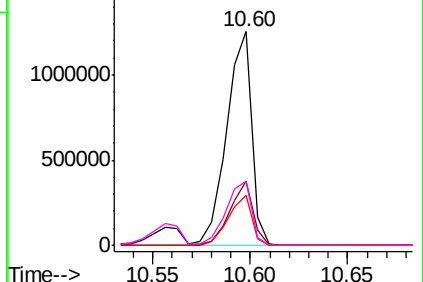
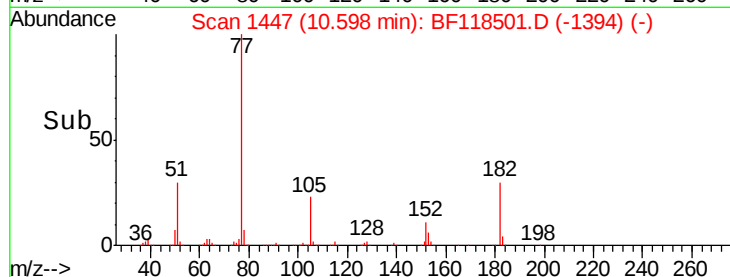


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

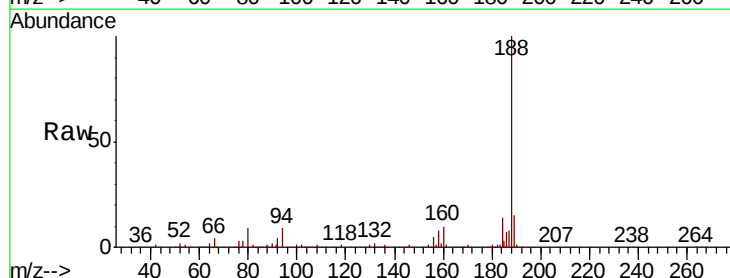
Tgt Ion: 188 Resp: 337796

Ion Ratio Lower Upper

188 100

94 8.5 6.2 9.4

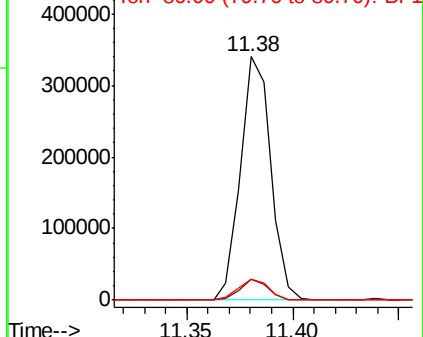
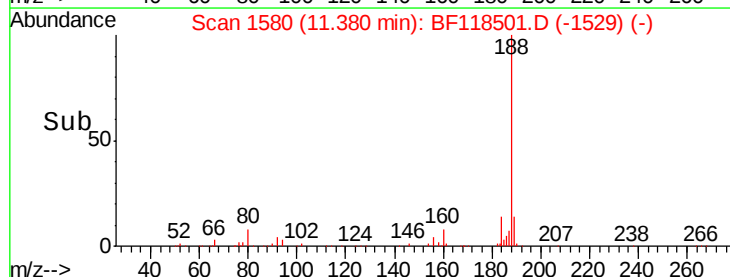
80 8.6 6.6 10.0

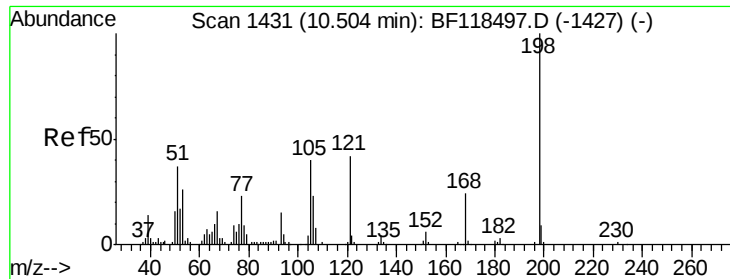


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

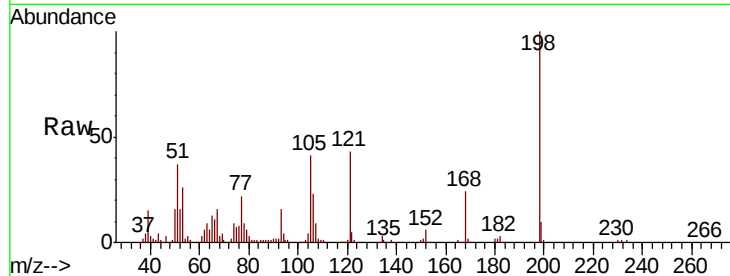




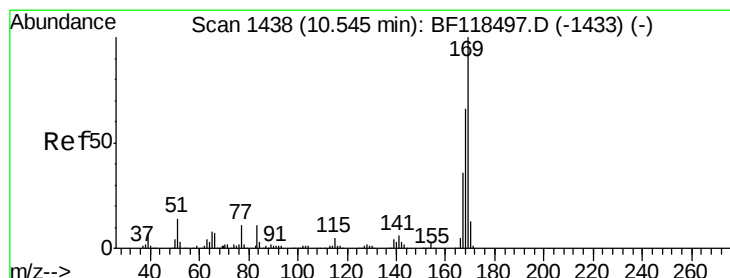
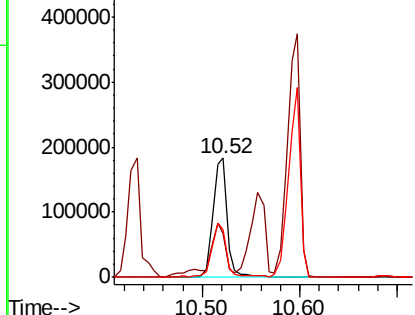
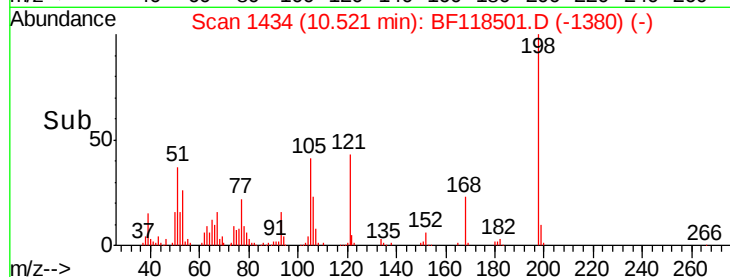
#65
 4,6-Dinitro-2-methylphenol
 Concen: 95.744 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.02 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 185092
 Ion Ratio Lower Upper
 198 100
 51 37.4 17.8 57.8
 105 40.5 20.1 60.1

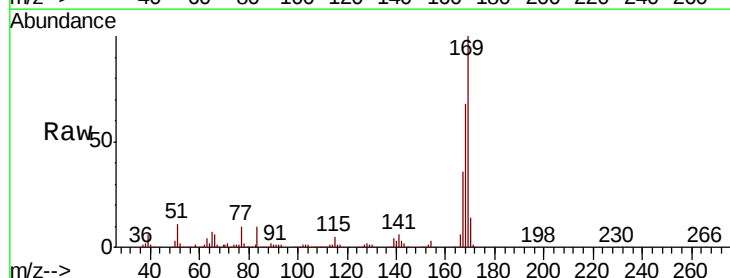


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

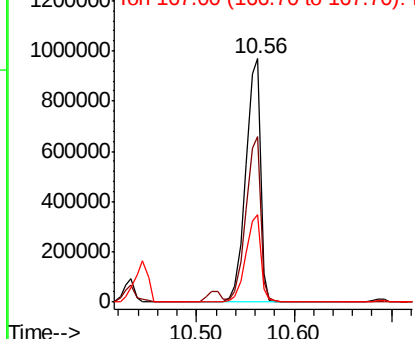
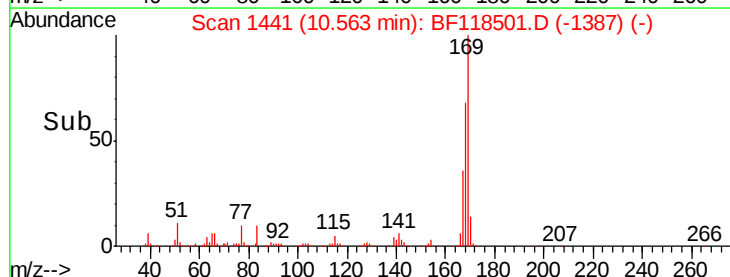


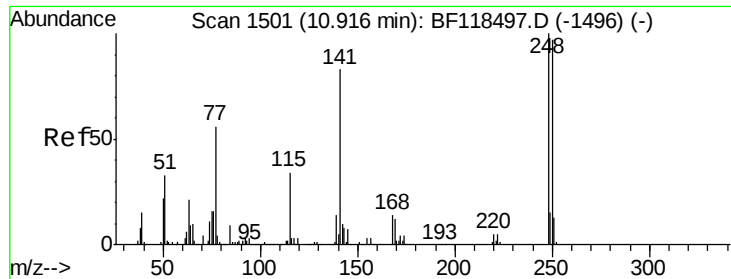
#66
 n-Nitrosodiphenylamine
 Concen: 87.750 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.02 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:169 Resp: 1014981
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.4 80.2
 167 35.7 28.9 43.3



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

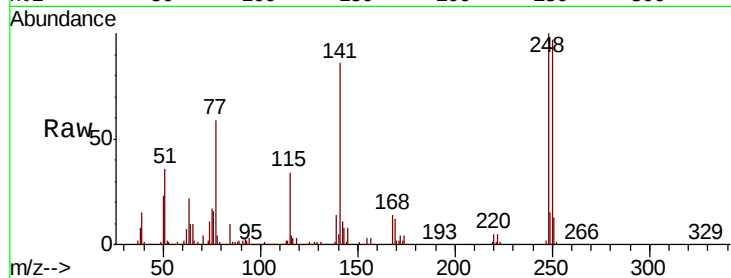




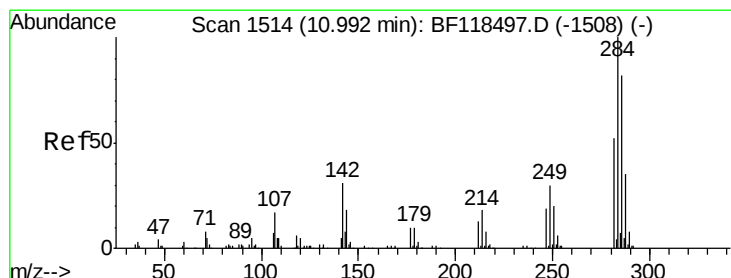
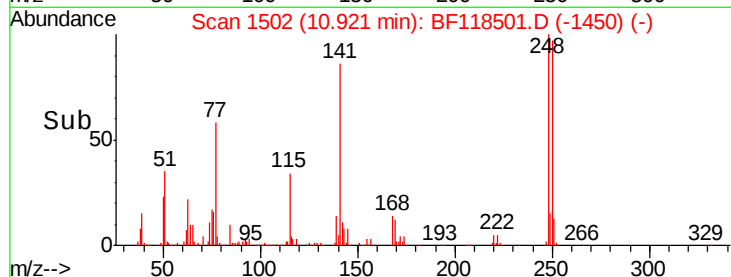
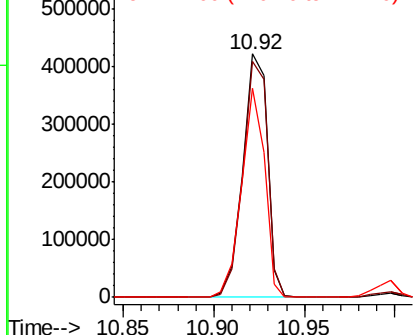
#67
4-Bromophenyl-phenylether
Concen: 93.093 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 398698
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.0
141 86.1 66.2 99.4

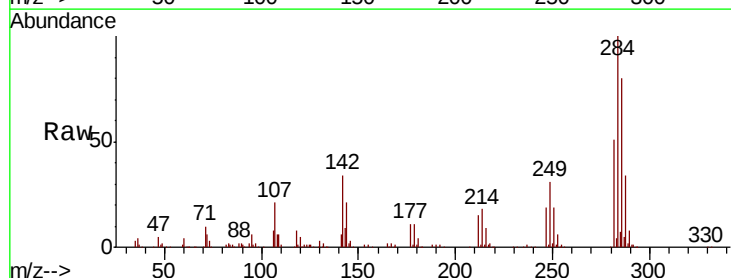


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

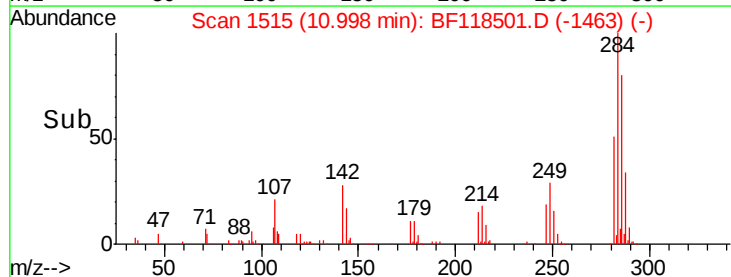
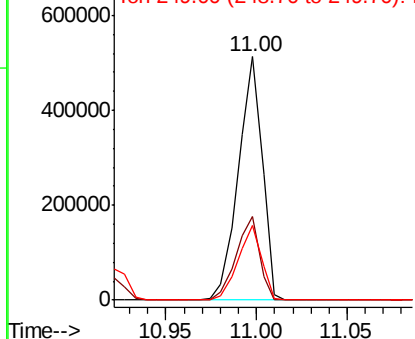


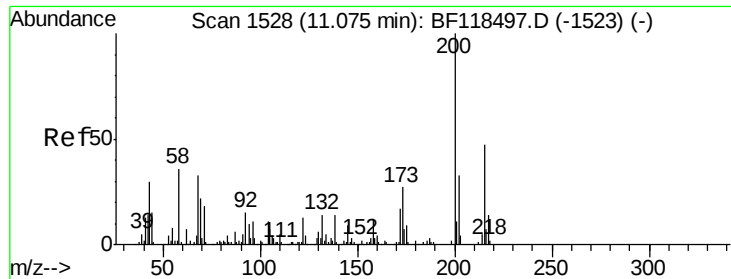
#68
Hexachlorobenzene
Concen: 92.096 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:284 Resp: 469278
Ion Ratio Lower Upper
284 100
142 34.1 24.6 37.0
249 30.6 24.0 36.0



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





#69

Atrazine

Concen: 52.104 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

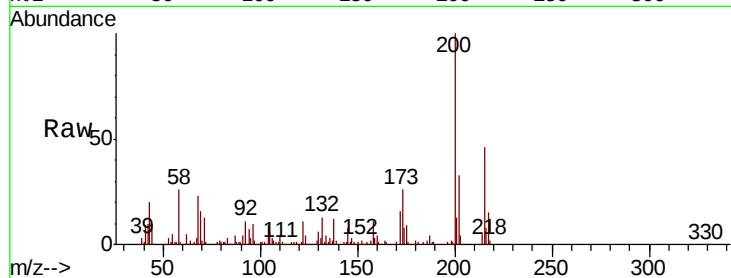
Instrument :

BNA_F

ClientSampleId :

Tot Ion:200 Resp: 185329

Ion	Ratio	Lower	Upper
200	100		
173	26.0	7.0	47.0
215	45.8	27.0	67.0

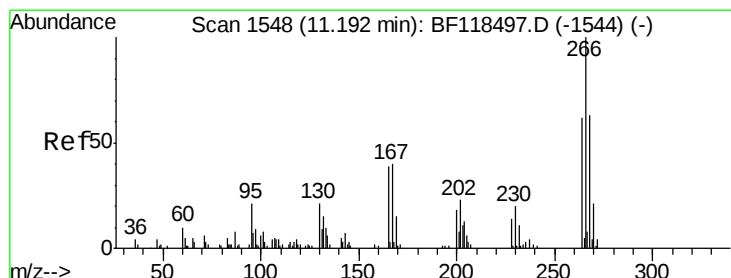
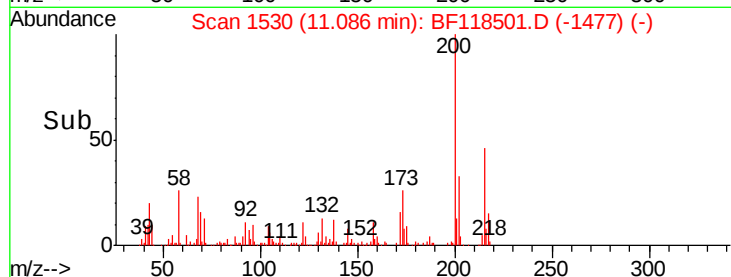
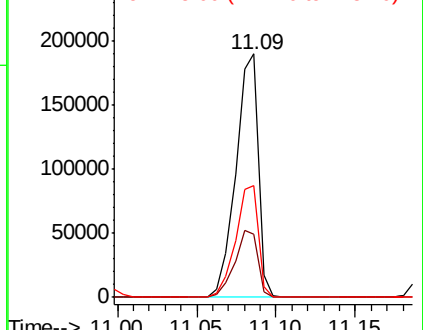


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 96.190 ng

RT: 11.19 min Scan# 1548

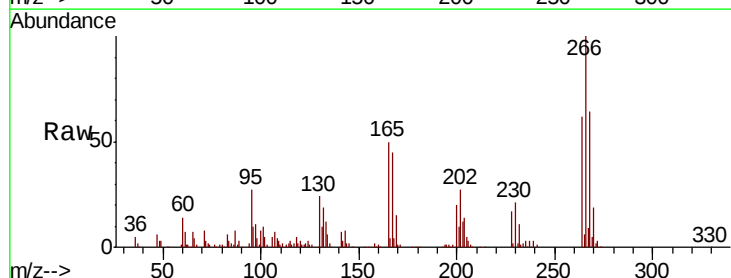
Delta R.T. -0.00 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Tgt Ion:266 Resp: 152309

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.2	75.2
264	61.7	49.4	74.0

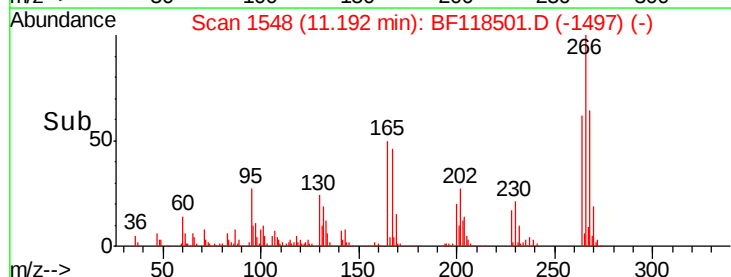
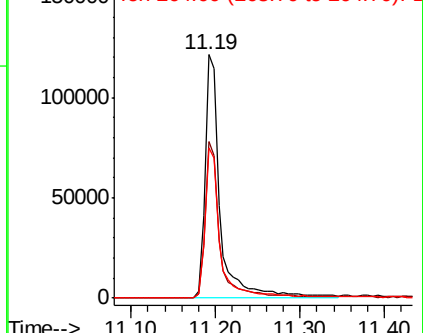


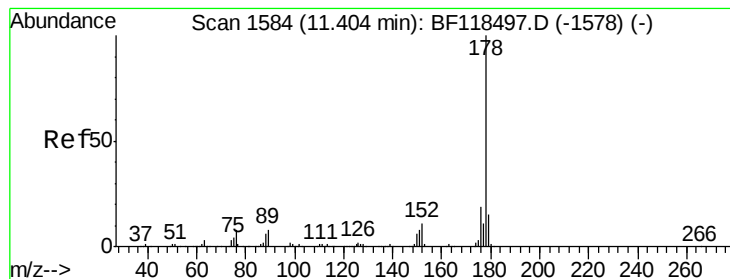
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 93.511 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

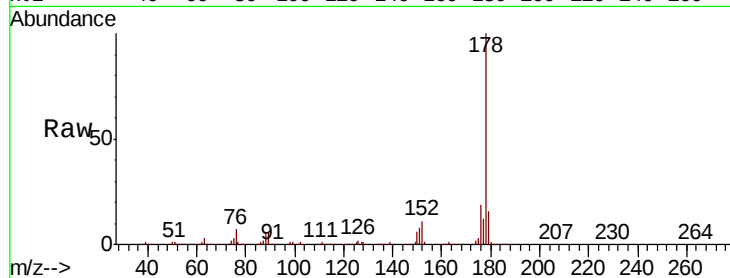
Tot Ion:178 Resp: 1743148

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

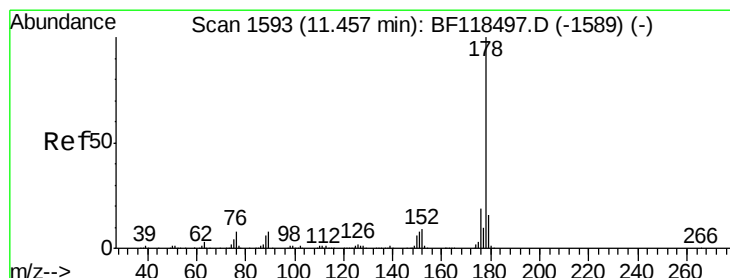
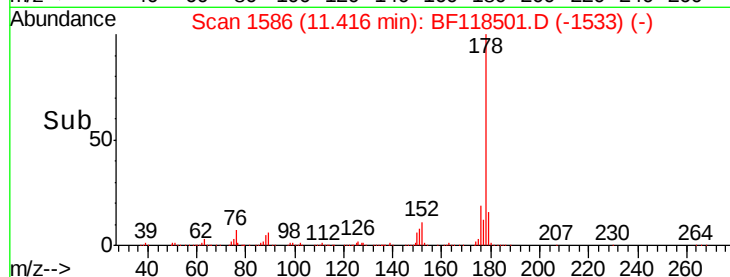
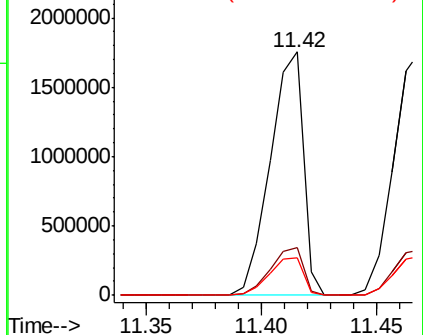
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 89.484 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

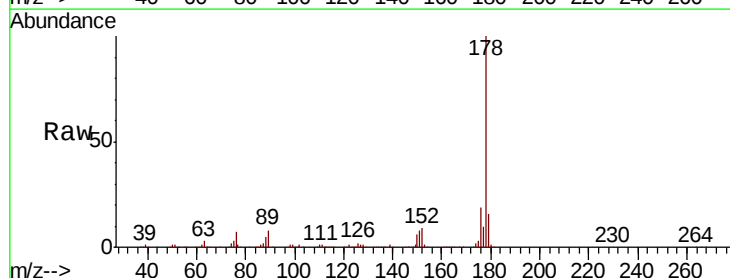
Tgt Ion:178 Resp: 1688488

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

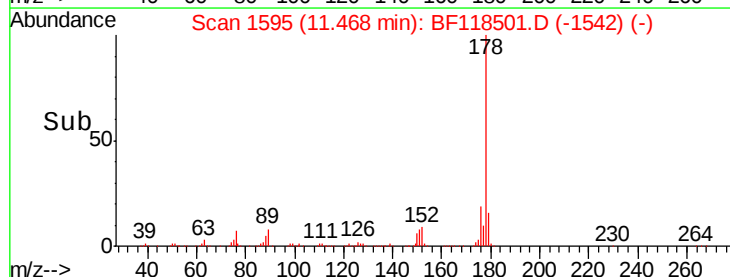
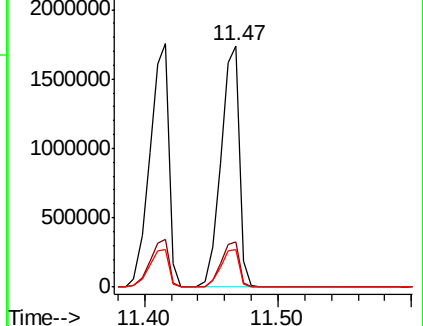
179 15.8 12.6 19.0

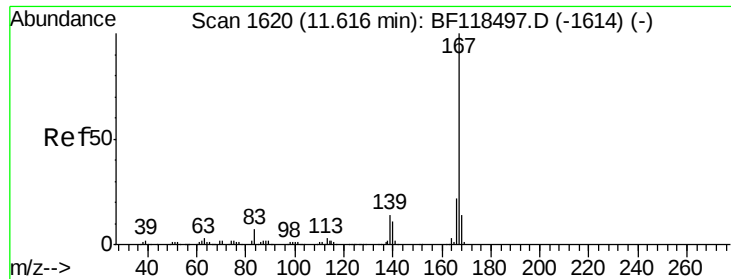


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



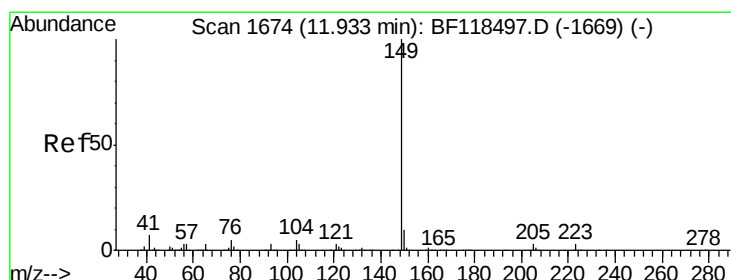
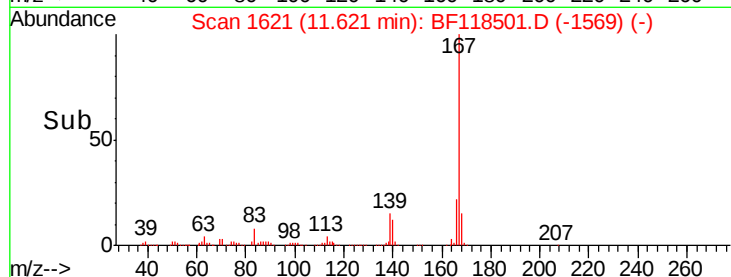
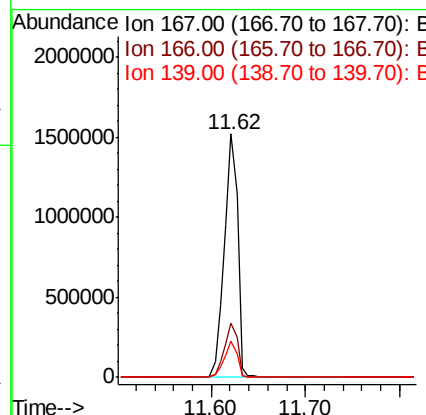
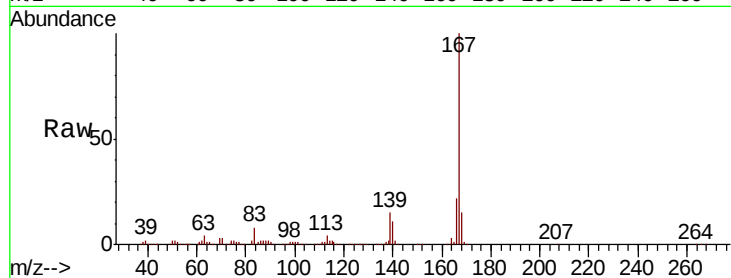


#73
 Carbazole
 Concen: 87.435 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1512758

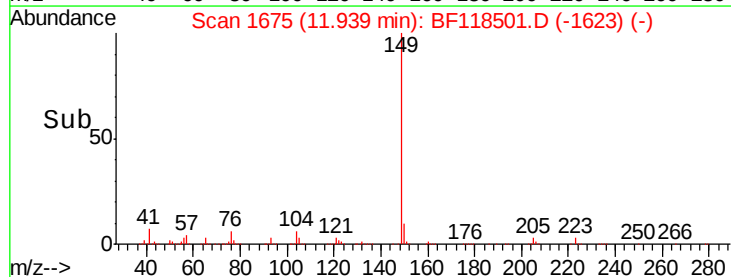
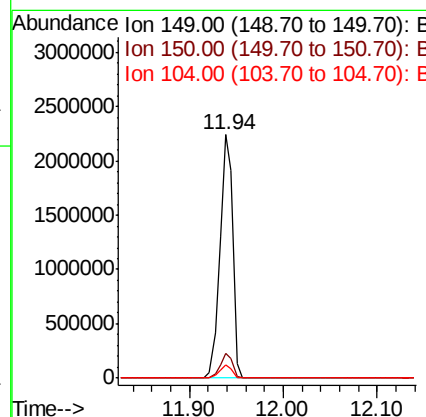
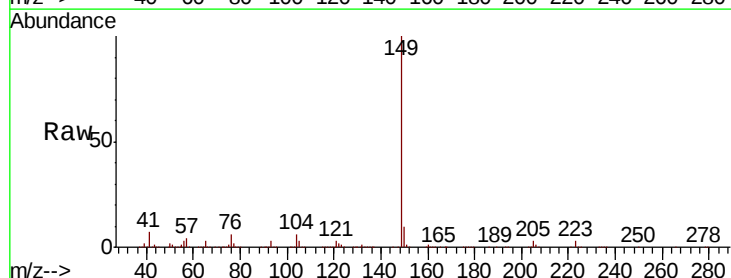
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	14.8	10.9	16.3

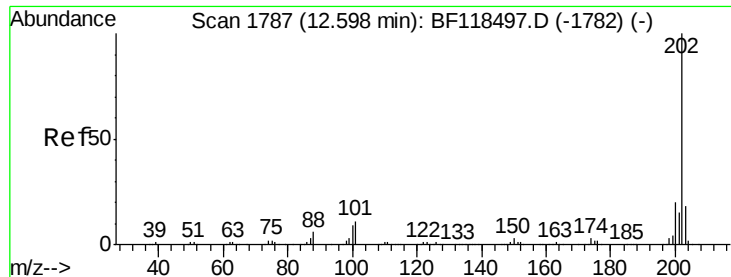


#74
 Di-n-butylphthalate
 Concen: 94.684 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:149 Resp: 2148469

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.8
104	5.5	4.2	6.4



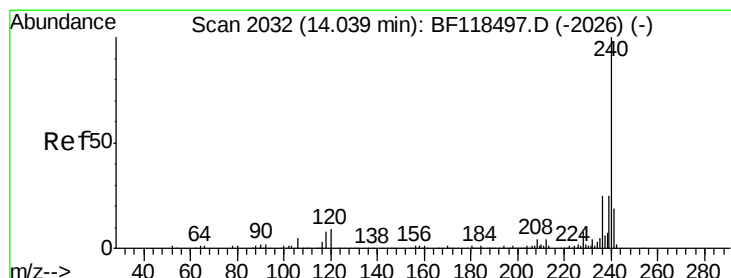
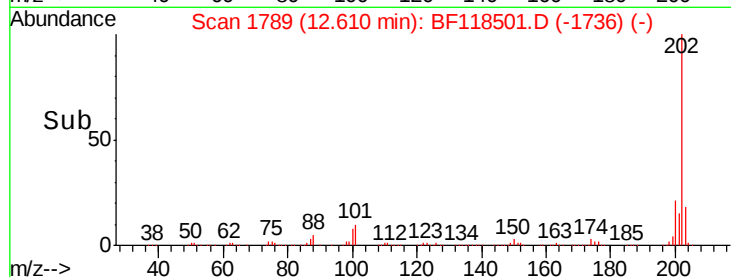
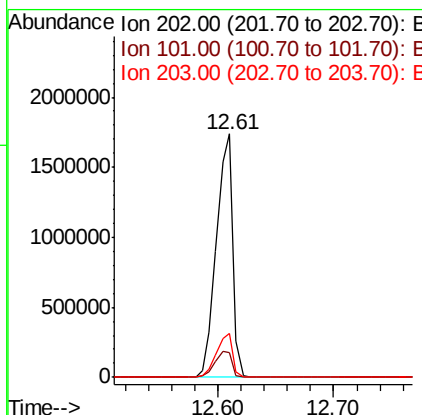
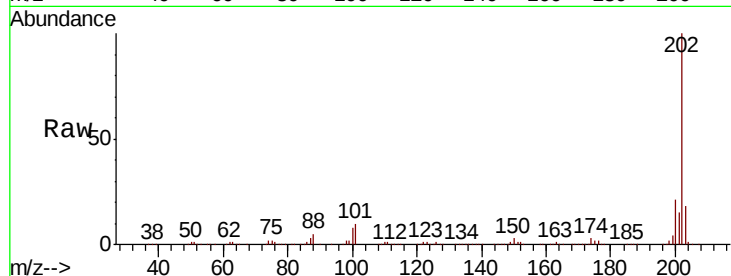


#75
 Fluoranthene
 Concen: 86.942 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1707588

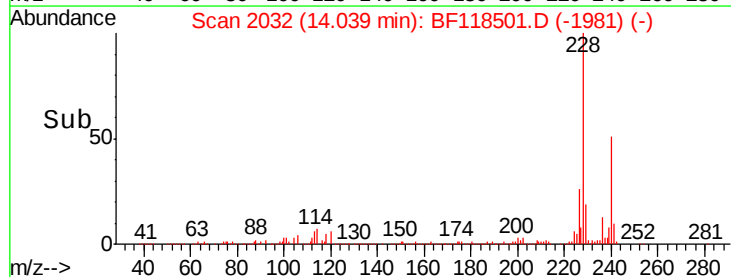
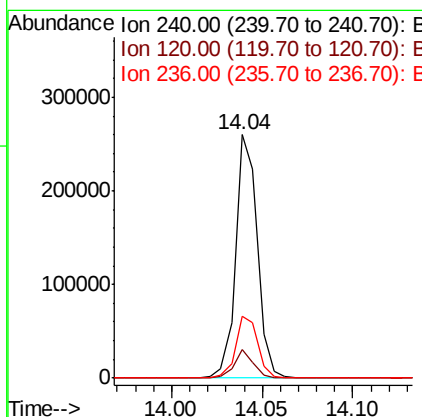
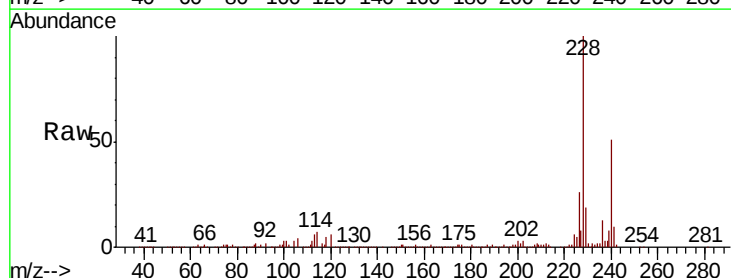
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	18.0	0.0	38.1

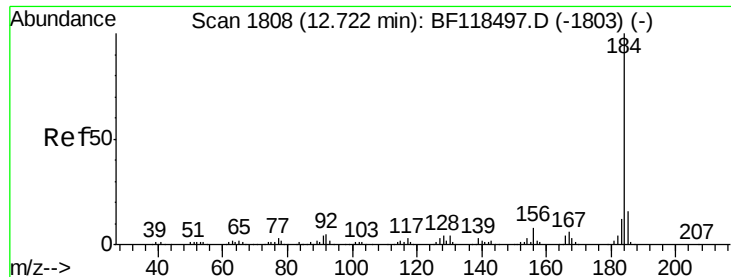


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:240 Resp: 215413

Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.0	10.6#
236	25.2	20.1	30.1





#77

Benzidine

Concen: 70.233 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

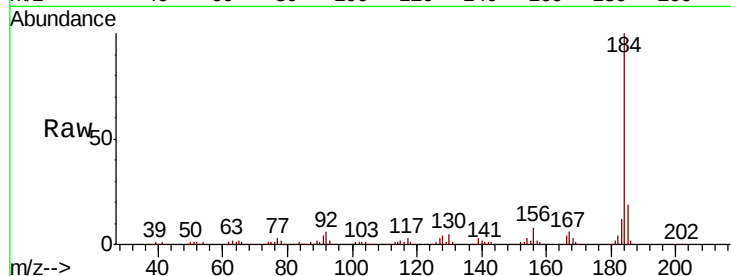
Tot Ion:184 Resp: 427630

Ion Ratio Lower Upper

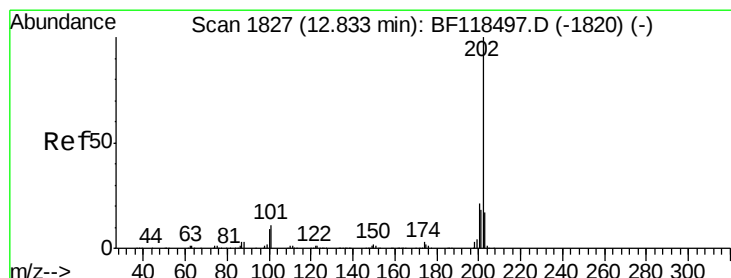
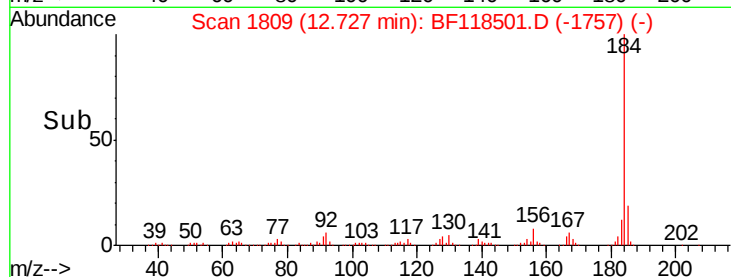
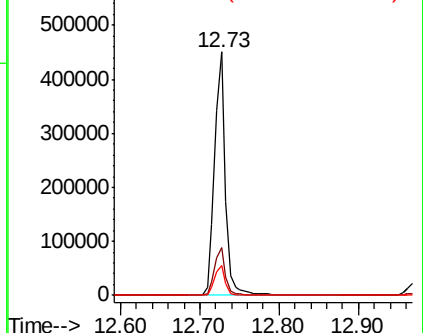
184 100

185 19.5 12.6 18.8#

183 12.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 88.100 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

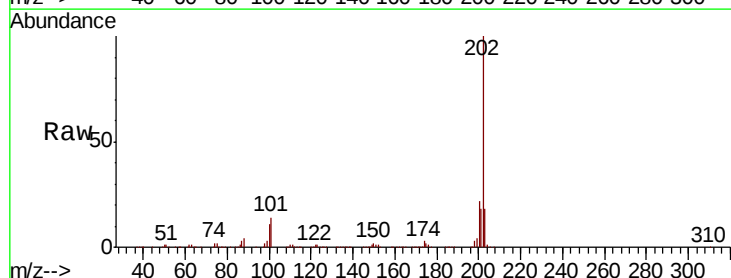
Tgt Ion:202 Resp: 1639045

Ion Ratio Lower Upper

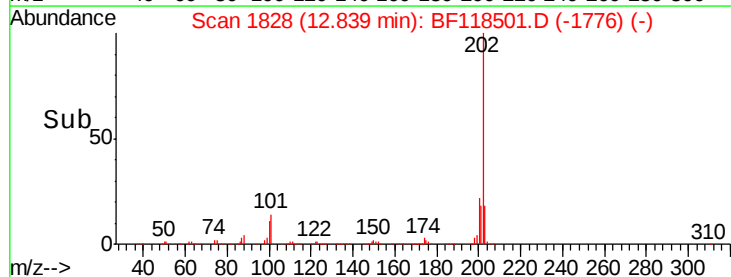
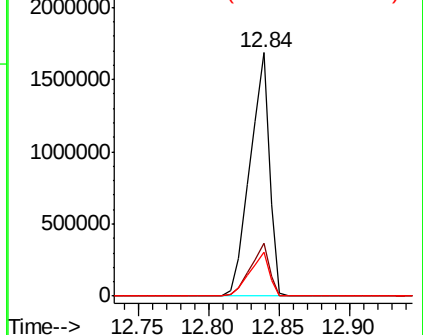
202 100

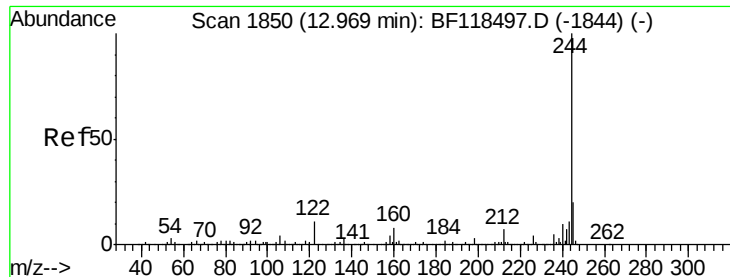
200 21.6 16.9 25.3

203 18.0 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 173.536 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

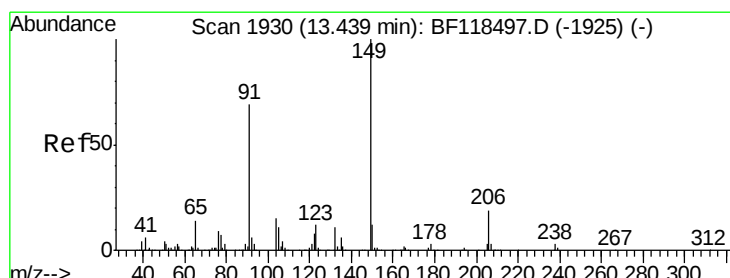
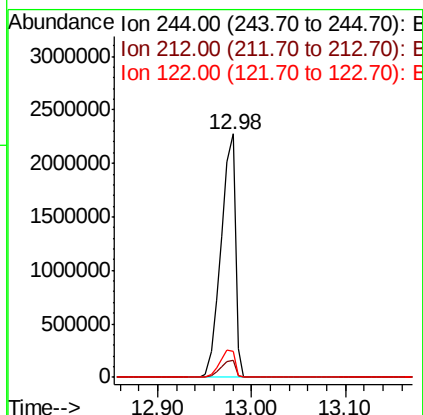
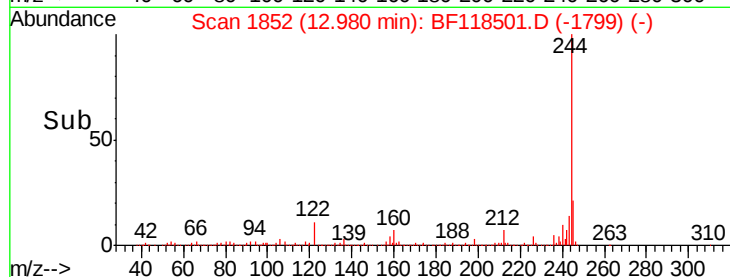
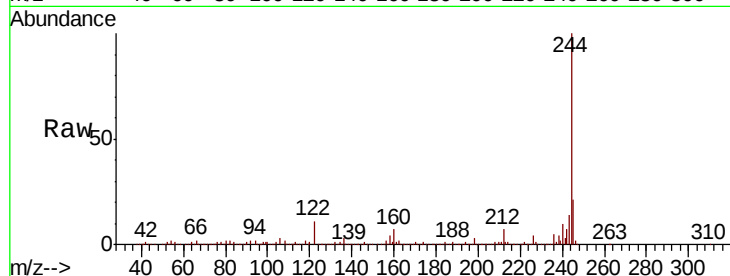
Tot Ion:244 Resp: 2440499

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.6 9.0 13.6



#80

Butylbenzylphthalate

Concen: 96.931 ng

RT: 13.44 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

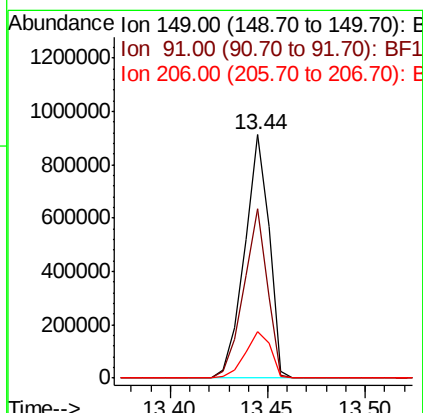
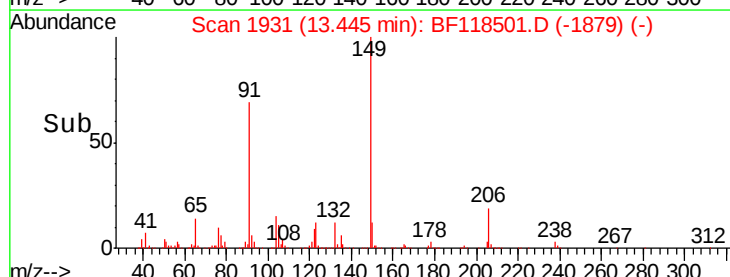
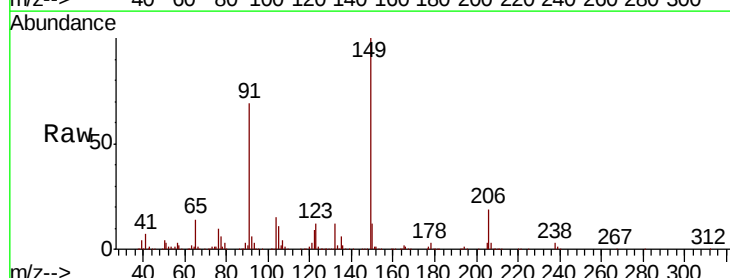
Tgt Ion:149 Resp: 794492

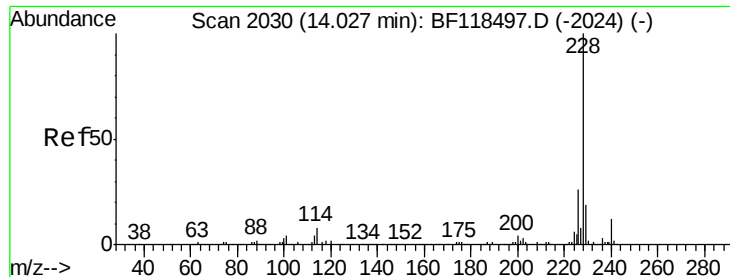
Ion Ratio Lower Upper

149 100

91 69.3 55.2 82.8

206 19.0 15.1 22.7





#81

Benzo(a)anthracene

Concen: 92.945 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

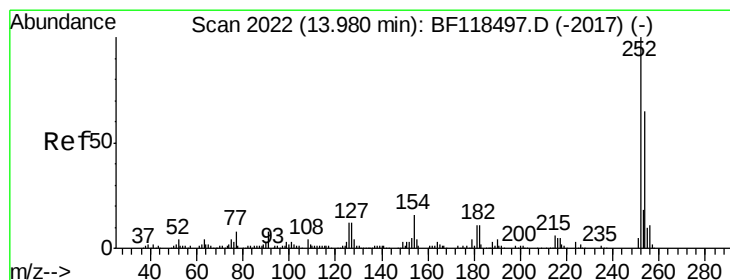
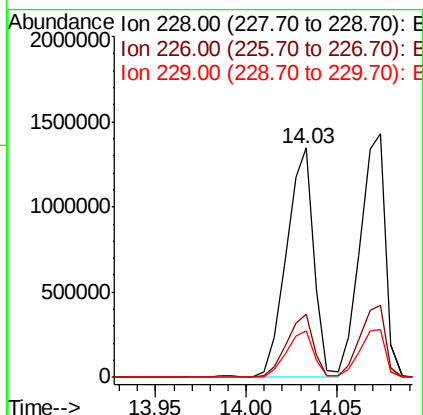
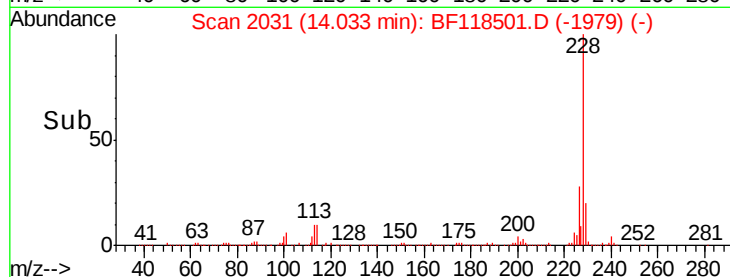
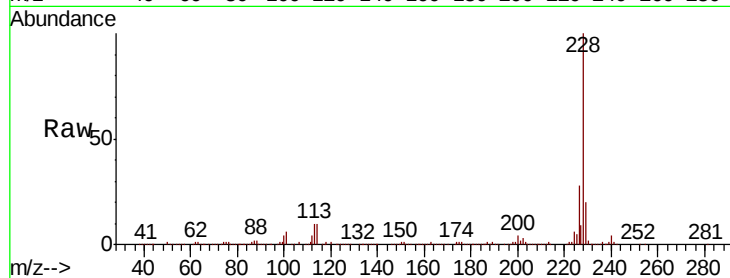
Tot Ion:228 Resp: 1424501

Ion Ratio Lower Upper

228 100

226 27.6 20.7 31.1

229 20.3 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 89.433 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

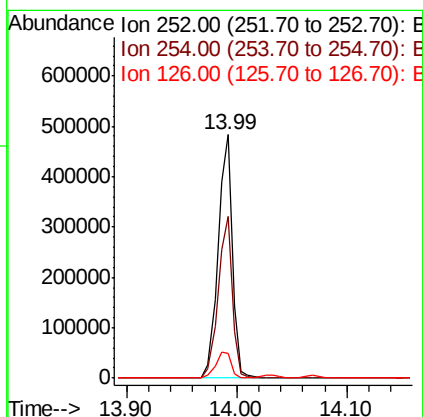
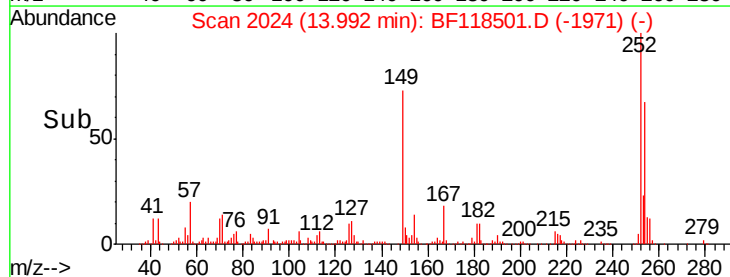
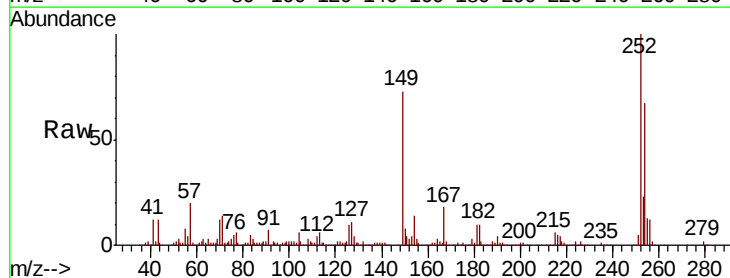
Tgt Ion:252 Resp: 434847

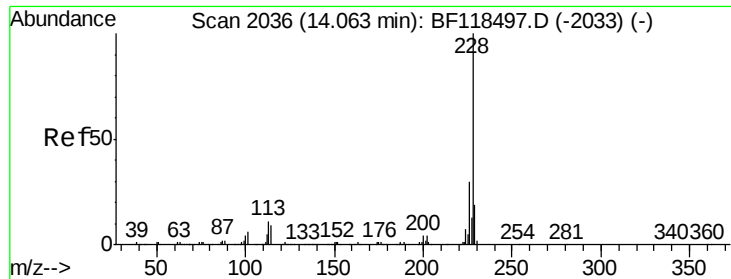
Ion Ratio Lower Upper

252 100

254 66.6 52.1 78.1

126 10.4 9.6 14.4

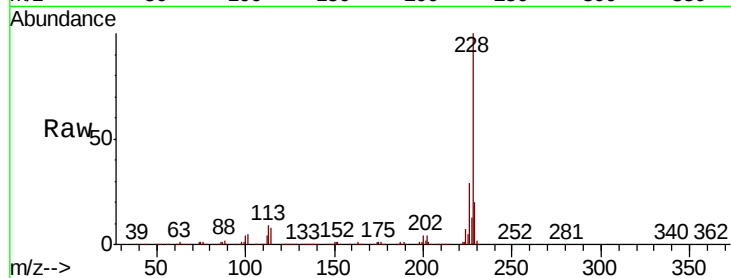




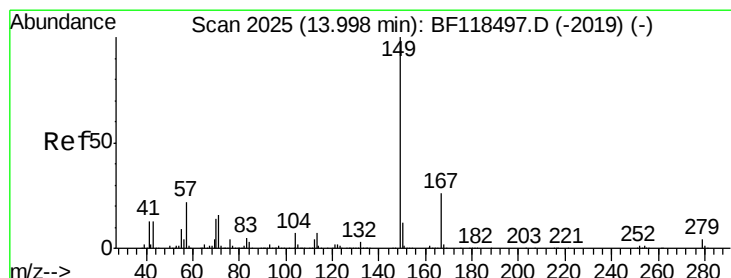
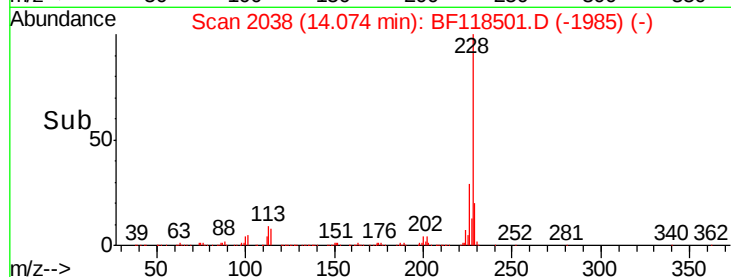
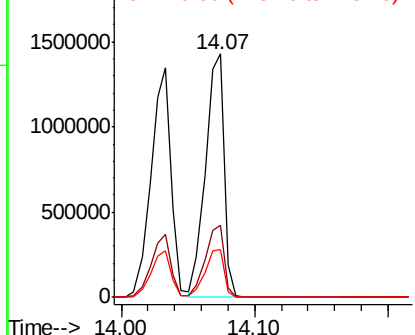
#83
 Chrysene
 Concen: 94.465 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1387974
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.6 35.4
 229 19.6 15.6 23.4

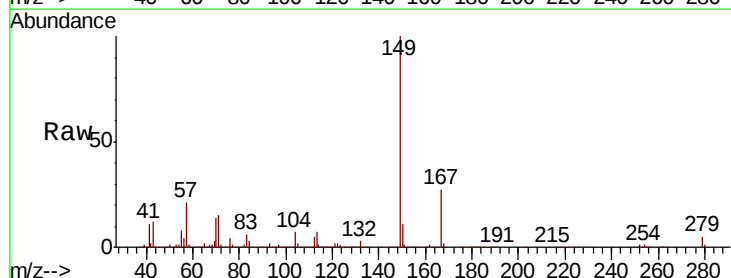


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

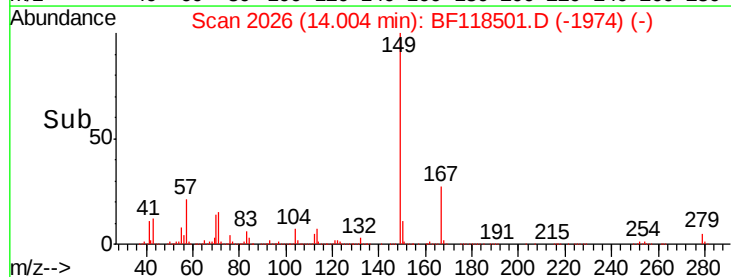
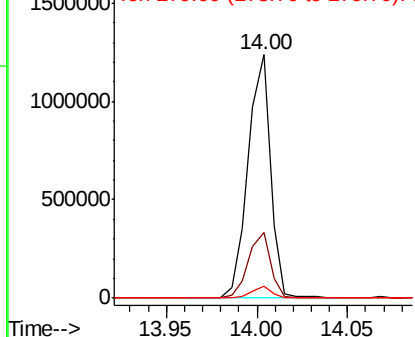


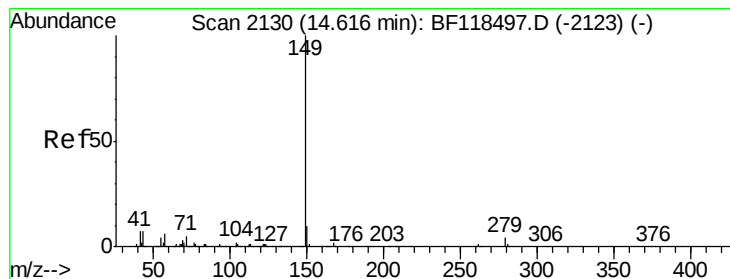
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 104.168 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF118501.D
 Acq: 8 Jan 2020 14:37

Tgt Ion:149 Resp: 1068304
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.6 30.8
 279 4.7 3.1 4.7#



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





#85

Di-n-octyl phthalate

Concen: 86.586 ng

RT: 14.62 min Scan# 2131

Delta R.T. 0.01 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

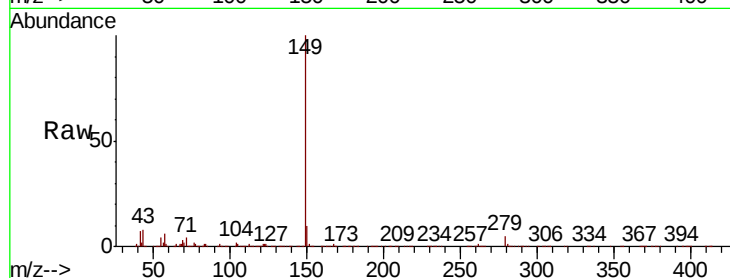
Tot Ion:149 Resp: 1366460

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

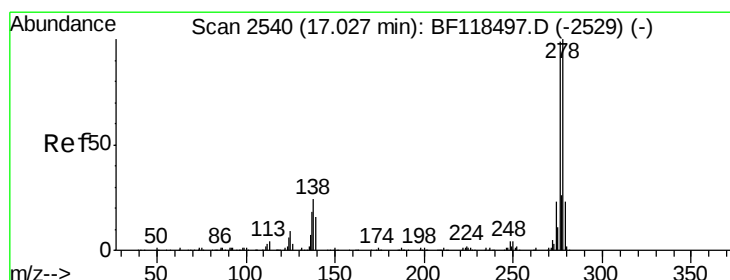
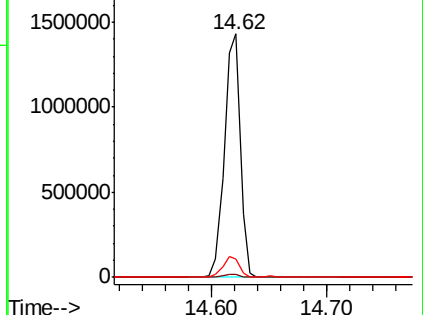
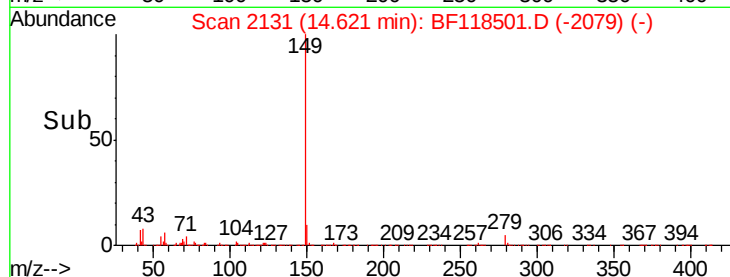
43 8.6 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 123.980 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.03 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

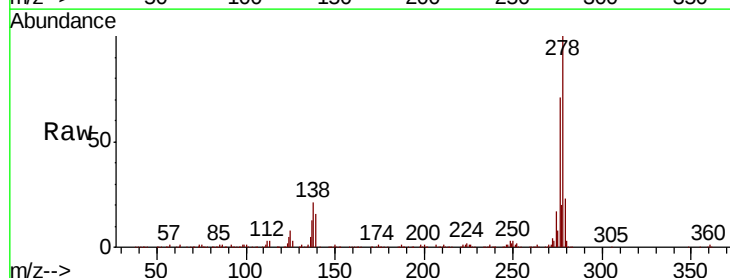
Tgt Ion:276 Resp: 1301448

Ion Ratio Lower Upper

276 100

138 24.3 19.0 28.4

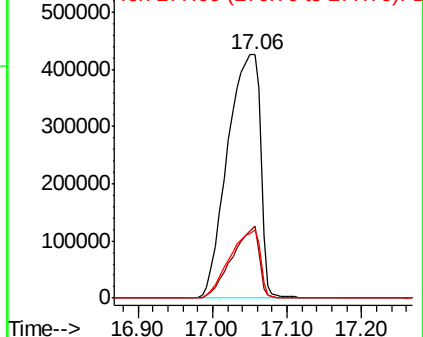
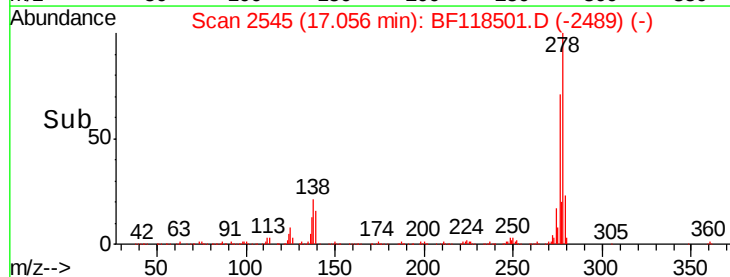
277 25.9 20.5 30.7

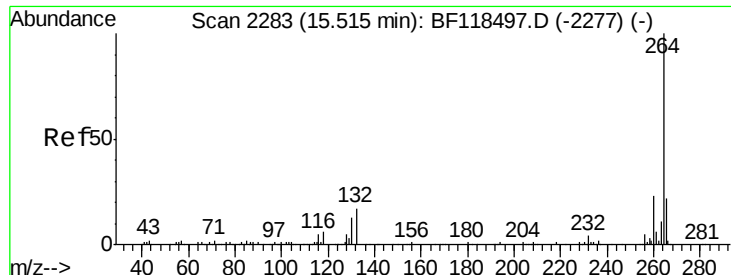


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



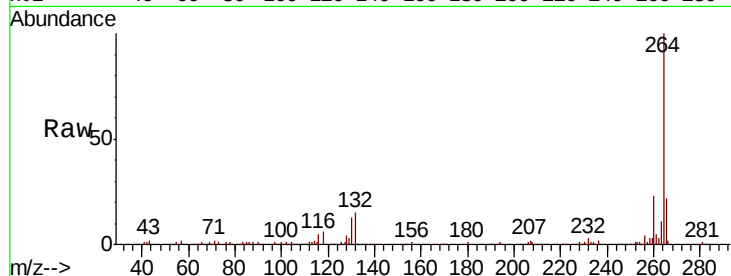


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

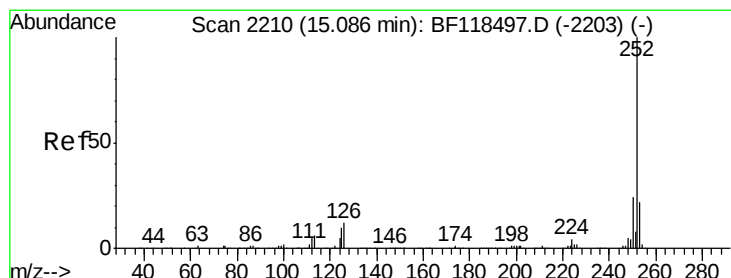
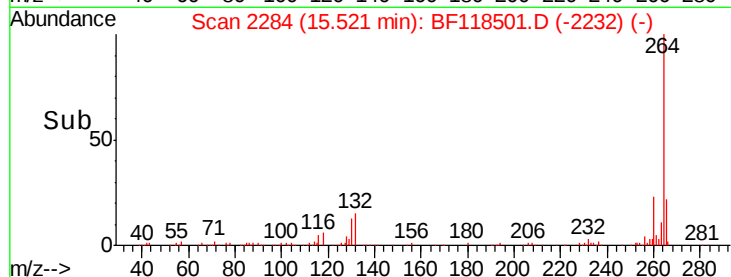
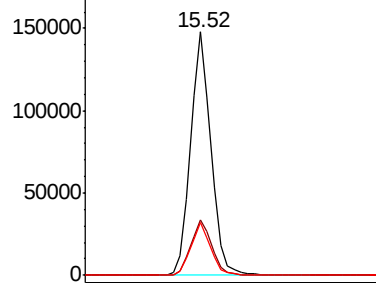
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 180085

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.7	17.5	26.3



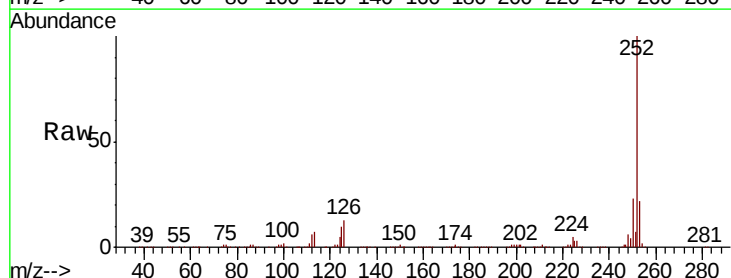
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



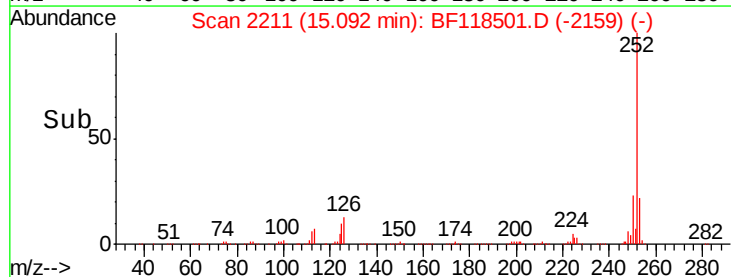
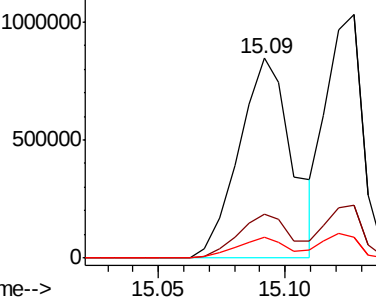
#88
Benzo(b)fluoranthene
Concen: 99.237 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

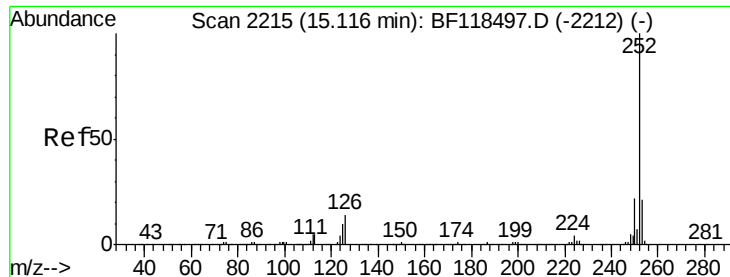
Tgt Ion:252 Resp: 1243093

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.2	7.8	11.6



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

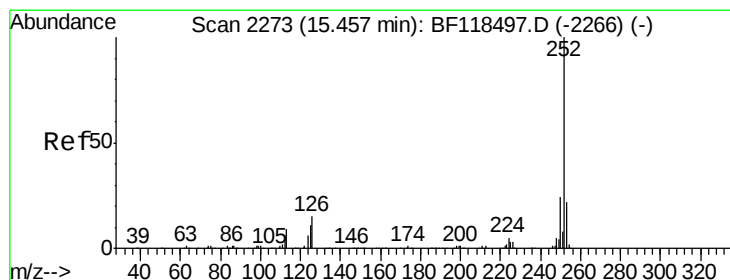
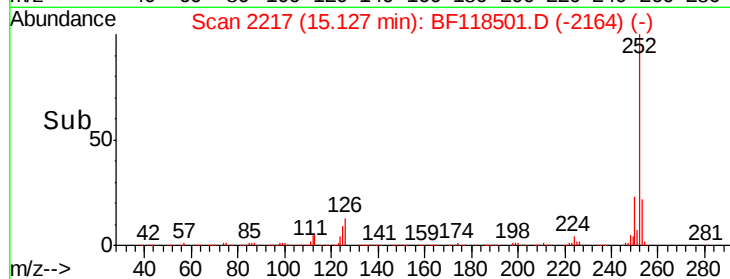
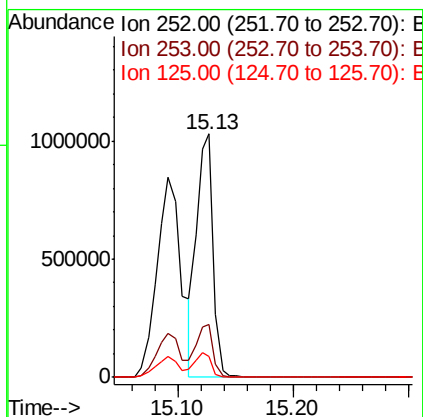
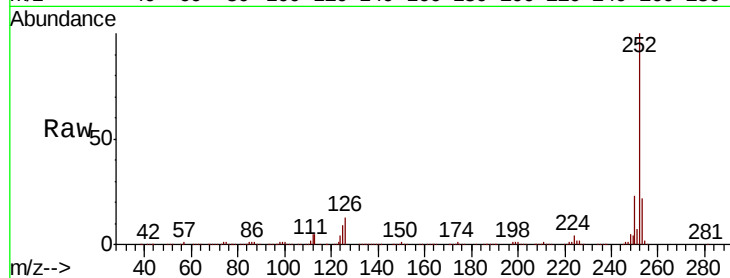




#89
Benzo(k)fluoranthene
Concen: 83.632 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

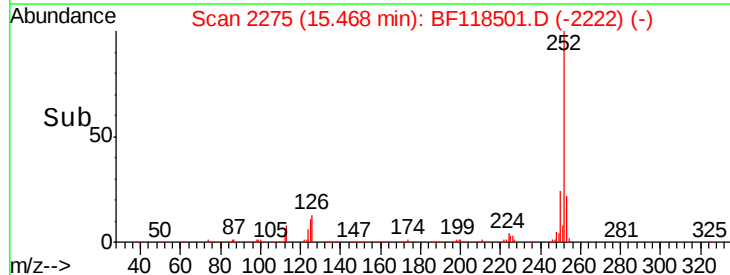
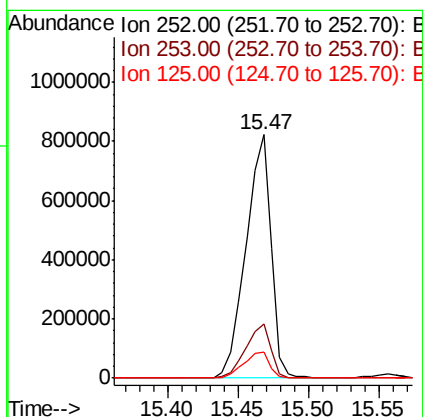
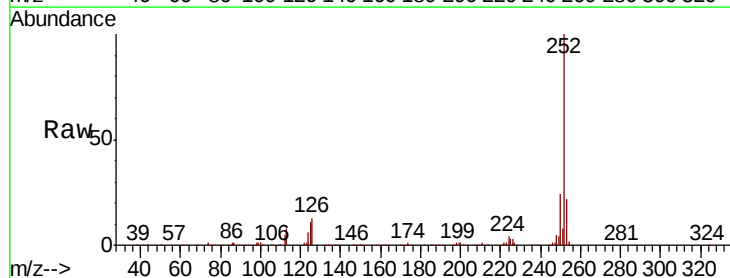
Instrument :
BNA_F
ClientSampleId :

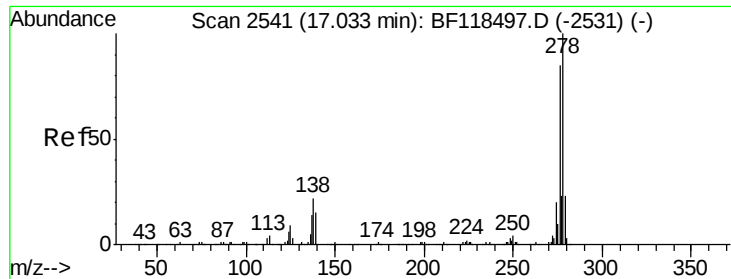
Tot Ion:252 Resp: 1031044
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 8.8 7.8 11.6



#90
Benzo(a)pyrene
Concen: 90.021 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF118501.D
Acq: 8 Jan 2020 14:37

Tgt Ion:252 Resp: 1028129
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 121.461 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

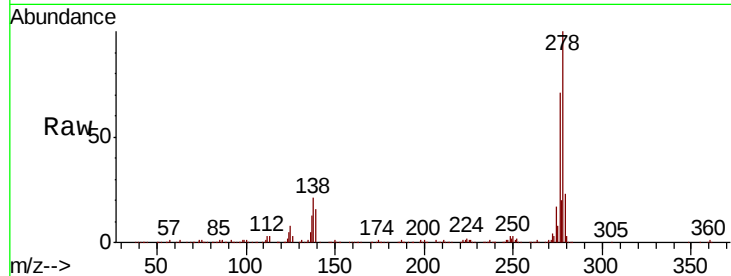
Tot Ion:278 Resp: 1081783

Ion Ratio Lower Upper

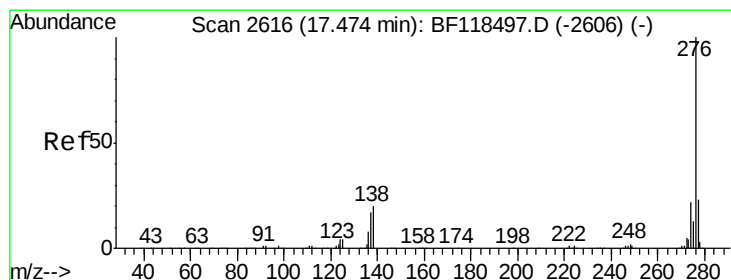
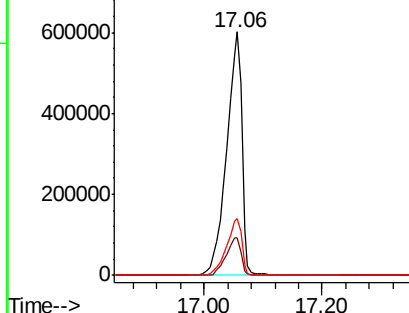
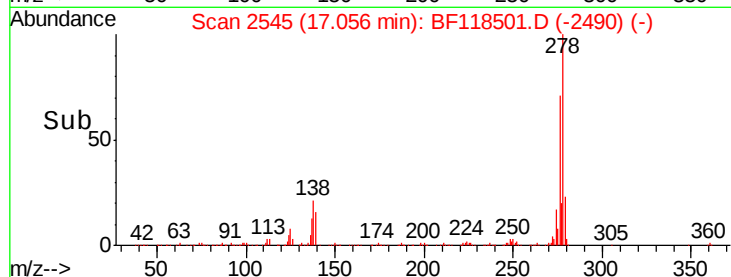
278 100

139 15.7 11.9 17.9

279 23.4 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 112.629 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.02 min

Lab File: BF118501.D

Acq: 8 Jan 2020 14:37

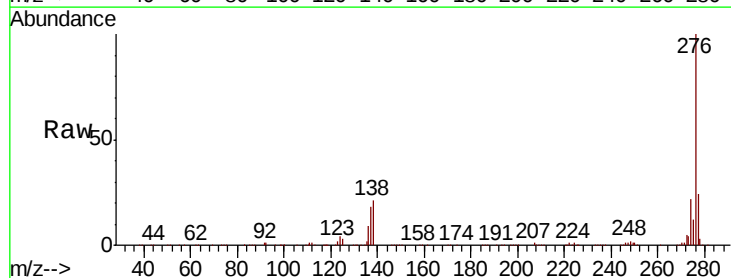
Tgt Ion:276 Resp: 1040575

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.4

138 20.5 16.3 24.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

