

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118734.D
 Acq On : 29 Jan 2020 16:32
 Operator : CG/JU
 Sample : PB126434BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:09:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	327551	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1236270	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	646676	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1248367	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	921970	20.00	ng	-0.01
87) Perylene-d12	15.46	264	619759	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1990090	112.84	ng	0.00
7) Phenol-d6	6.49	99	2532402	110.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	1585813	71.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	929315	124.25	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3150422	80.07	ng	-0.01
79) Terphenyl-d14	12.95	244	3465923	81.99	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.71	88	280687	32.859	ng	99
3) Pyridine	3.46	79	757467	31.461	ng	99
4) n-Nitrosodimethylamine	3.40	42	307044	29.747	ng	100
6) Aniline	6.51	93	677937	22.460	ng	99
8) 2-Chlorophenol	6.64	128	788884	39.852	ng	97
10) Phenol	6.50	94	936534	35.851	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	716280	36.957	ng	97
12) 1,3-Dichlorobenzene	6.79	146	871000	37.592	ng	99
13) 1,4-Dichlorobenzene	6.87	146	872758	37.525	ng	99
14) 1,2-Dichlorobenzene	7.02	146	811158	37.100	ng	99
15) Benzyl Alcohol	6.99	79	689315	37.920	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	866633	32.102	ng	99
17) 2-Methylphenol	7.10	107	655547	39.756	ng	99
18) Hexachloroethane	7.36	117	305102	36.177	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	519443	33.560	ng	99
20) 3+4-Methylphenols	7.25	107	778695	38.680	ng	96
22) Acetophenone	7.26	105	1027497	35.085	ng	# 98
24) Nitrobenzene	7.43	77	801832	35.430	ng	99
25) Isophorone	7.67	82	1463536	36.304	ng	100
26) 2-Nitrophenol	7.75	139	443743	45.979	ng	99
27) 2,4-Dimethylphenol	7.78	122	712040	42.726	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	912604	35.133	ng	99
29) 2,4-Dichlorophenol	7.99	162	717145	38.927	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	794165	37.179	ng	98
31) Naphthalene	8.15	128	2226647	39.871	ng	100
32) Benzoic acid	7.90	122	483506	38.658	ng	97
33) 4-Chloroaniline	8.20	127	501204	19.417	ng	97
34) Hexachlorobutadiene	8.27	225	456934	35.126	ng	97
35) Caprolactam	8.56	113	113631	18.848	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	728644	40.052	ng	99
37) 2-Methylnaphthalene	8.85	142	1594170	40.441	ng	100
38) 1-Methylnaphthalene	8.95	142	1497091	39.975	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	797464	39.412	ng	99
41) Hexachlorocyclopentadiene	9.00	237	519927	50.930	ng	100

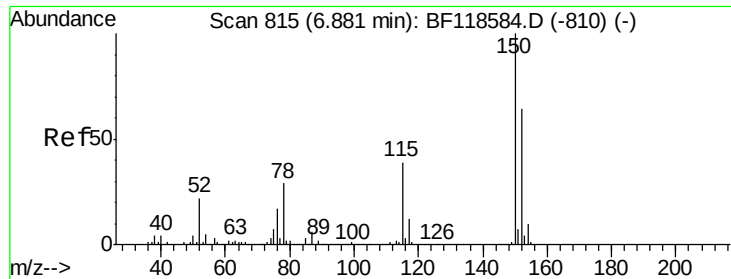
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118734.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	557492	41.520	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	564301	41.151	ng	98
46) 1,1'-Biphenyl	9.31	154	1891466	42.439	ng	99
47) 2-Chloronaphthalene	9.33	162	1538134	40.945	ng	99
48) 2-Nitroaniline	9.42	65	425120	36.814	ng	97
49) Acenaphthylene	9.75	152	2317166	43.846	ng	100
50) Dimethylphthalate	9.61	163	1799868	42.720	ng	100
51) 2,6-Dinitrotoluene	9.67	165	426339	45.189	ng	89
52) Acenaphthene	9.92	154	1586410	44.892	ng	100
53) 3-Nitroaniline	9.83	138	279064	25.904	ng	94
54) 2,4-Dinitrophenol	9.95	184	382218	101.479	ng	96
55) Dibenzofuran	10.09	168	2135447	43.606	ng	99
56) 4-Nitrophenol	10.00	139	634220	77.986	ng	98
57) 2,4-Dinitrotoluene	10.07	165	567983	47.756	ng	94
58) Fluorene	10.43	166	1610698	41.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	504759	41.849	ng	100
60) Diethylphthalate	10.31	149	1750508	42.852	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	849380	40.622	ng	98
62) 4-Nitroaniline	10.45	138	386566	34.982	ng	97
63) Azobenzene	10.59	77	1527124	38.601	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	283931	51.724	ng	95
66) n-Nitrosodiphenylamine	10.55	169	1495648	39.727	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	590437	38.283	ng	98
68) Hexachlorobenzene	10.99	284	656167	37.526	ng	98
69) Atrazine	11.07	200	384029	29.430	ng	100
70) Pentachlorophenol	11.18	266	985502	101.370	ng	100
71) Phenanthrene	11.40	178	2400553	39.859	ng	100
72) Anthracene	11.45	178	2387171	40.058	ng	100
73) Carbazole	11.60	167	2123820	38.854	ng	100
74) Di-n-butylphthalate	11.93	149	2538356	41.797	ng	99
75) Fluoranthene	12.58	202	2525150	39.753	ng	99
77) Benzidine	12.69	184	415196	16.854	ng	100
78) Pyrene	12.81	202	2498000	39.908	ng	100
80) Butylbenzylphthalate	13.43	149	1077056	42.044	ng	98
81) Benzo(a)anthracene	14.00	228	2031337	36.626	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	623871	31.568	ng	98
83) Chrysene	14.03	228	1939889	36.495	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1396333	44.615	ng	98
85) Di-n-octyl phthalate	14.60	149	2220338	47.929	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2058342	44.567	ng	99
88) Benzo(b)fluoranthene	15.04	252	2032445	52.172	ng	99
89) Benzo(k)fluoranthene	15.07	252	1633218	45.252	ng	99
90) Benzo(a)pyrene	15.40	252	1723502	51.287	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	1728373	58.144	ng	100
92) Benzo(g,h,i)perylene	17.36	276	1755786	60.834	ng	100

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

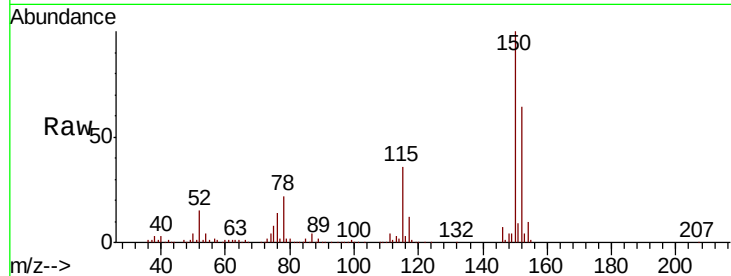


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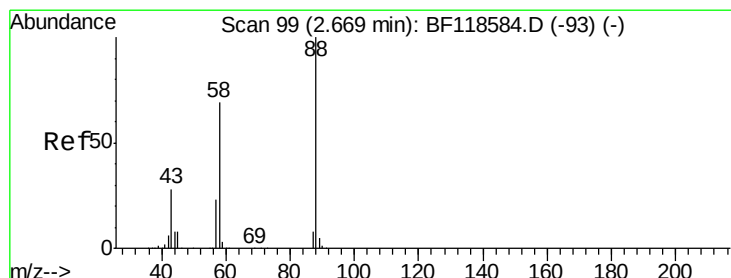
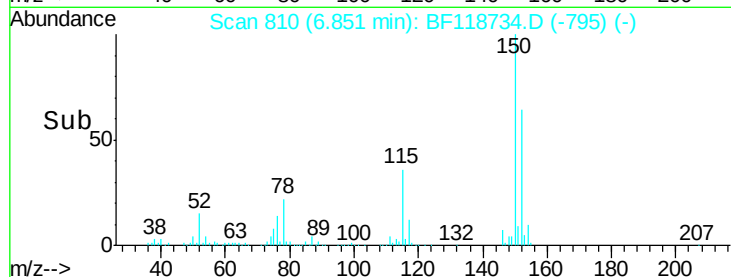
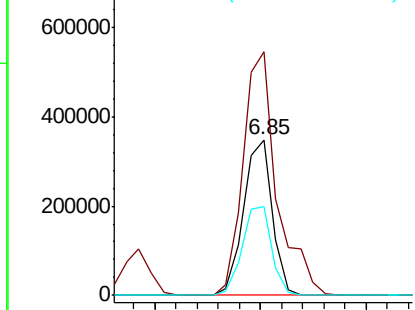
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	56.8	45.1	67.7



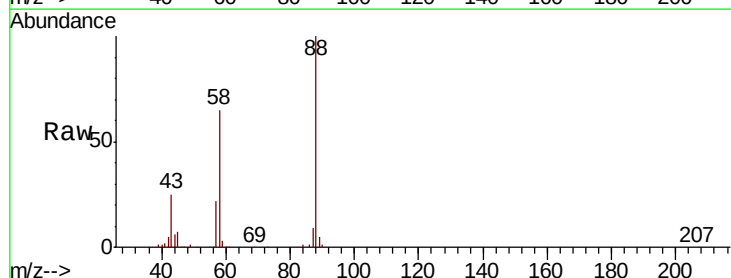
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



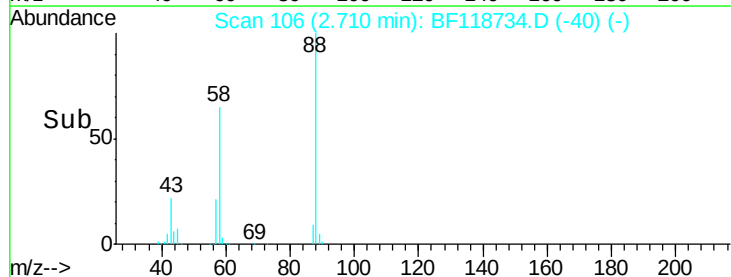
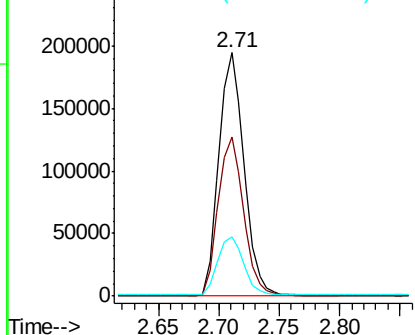
#2

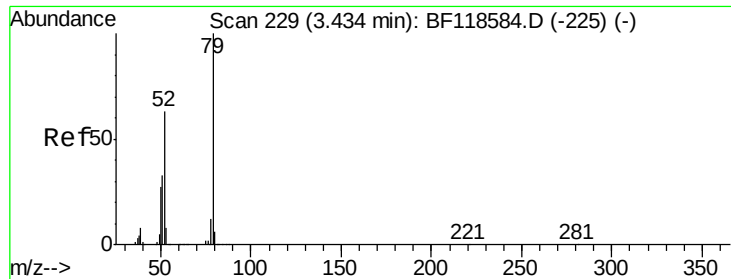
1,4-Dioxane
Concen: 32.859 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.09 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	51.9	77.9
43	24.7	19.3	28.9



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





#3

Pvridine

Concen: 31.461 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.08 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

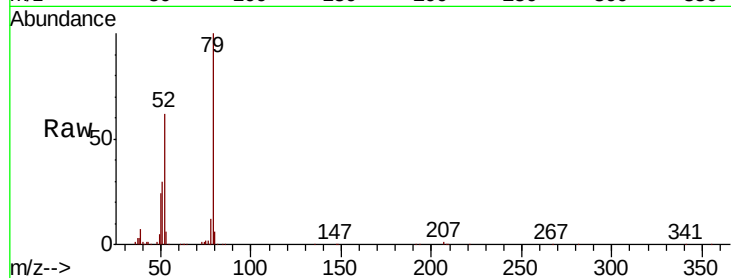
Tot Ion: 79 Resp: 757467

Ion Ratio Lower Upper

79 100

52 61.8 48.8 73.2

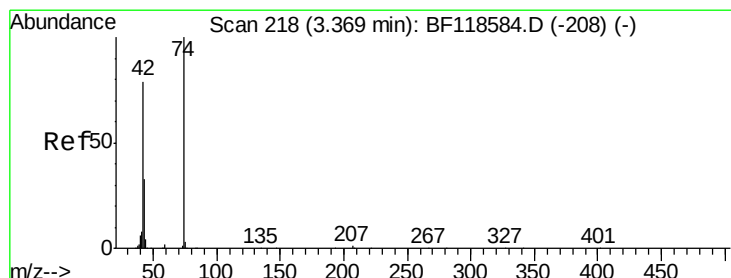
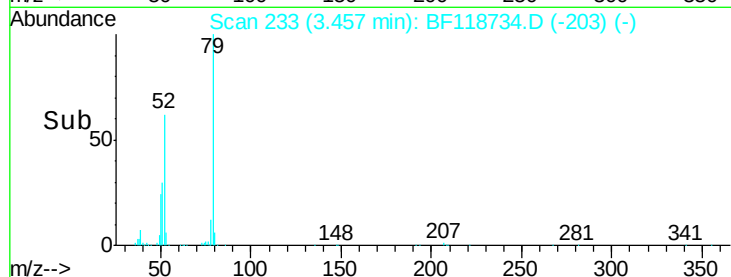
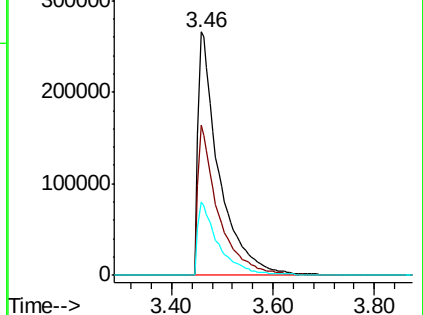
51 30.1 24.4 36.6



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: 29.747 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.07 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

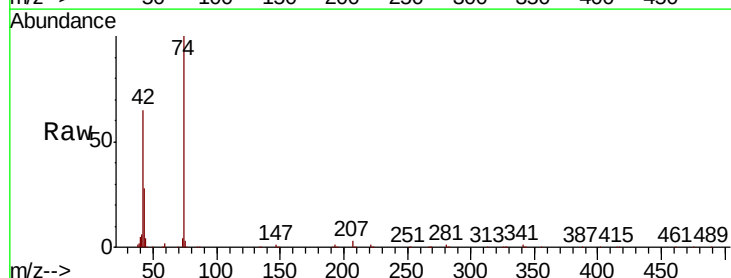
Tgt Ion: 42 Resp: 307044

Ion Ratio Lower Upper

42 100

74 154.6 123.5 185.3

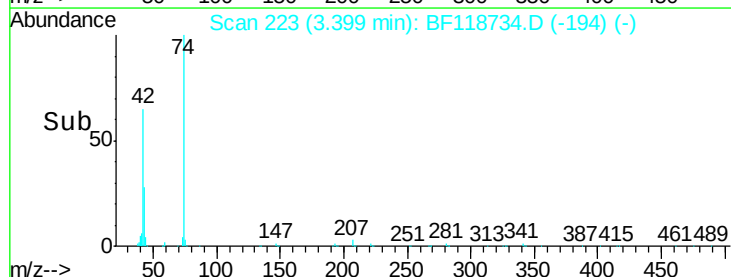
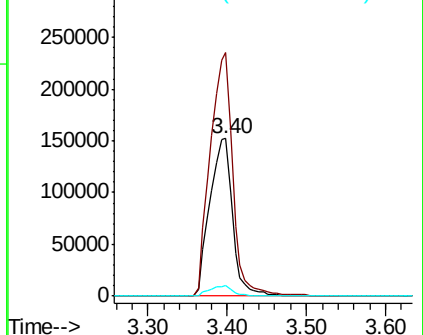
44 6.8 5.6 8.4

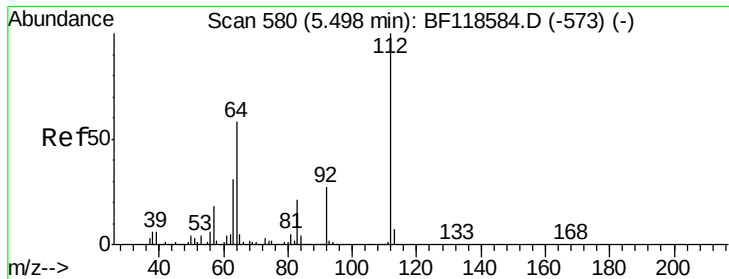


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.841 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

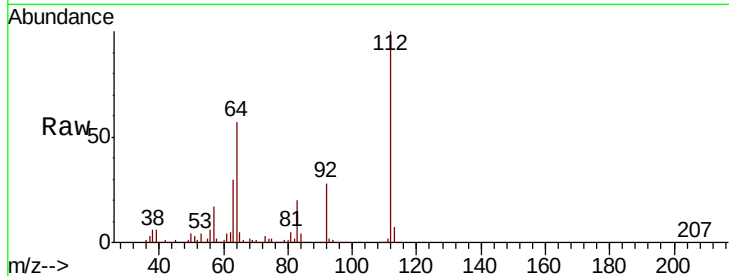
Tot Ion:112 Resp: 1990090

Ion Ratio Lower Upper

112 100

64 56.9 42.4 63.6

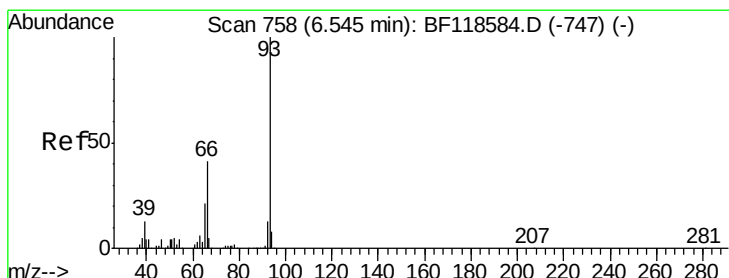
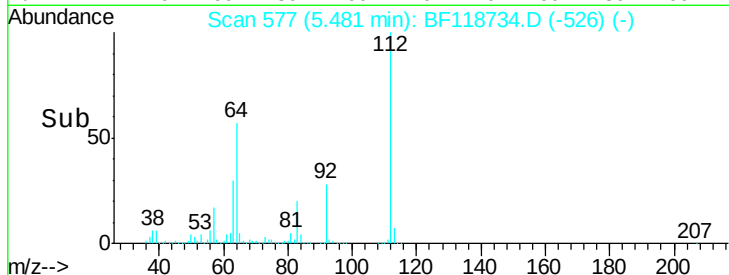
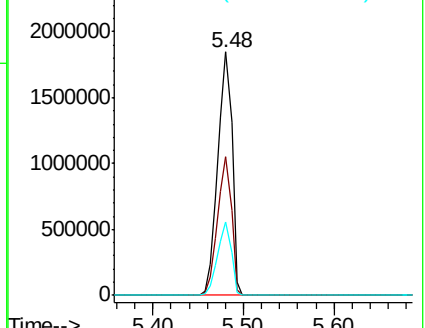
63 29.9 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.460 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

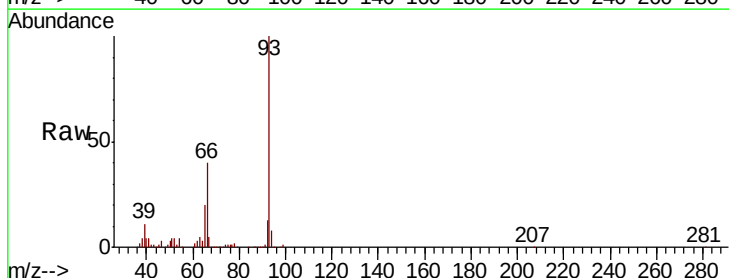
Tgt Ion: 93 Resp: 677937

Ion Ratio Lower Upper

93 100

66 39.6 31.3 46.9

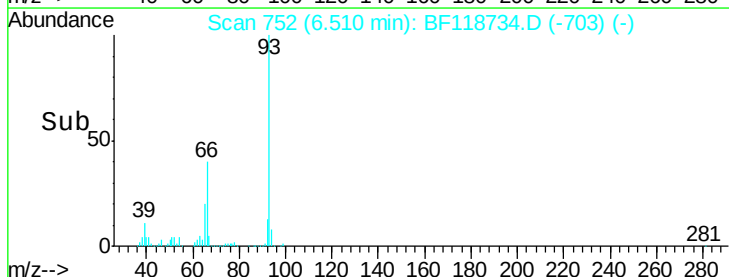
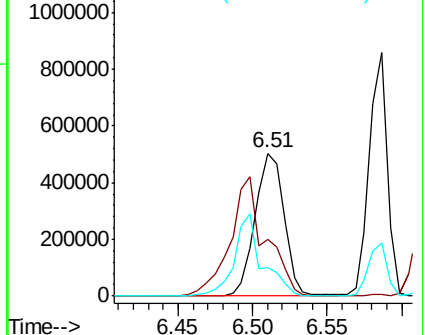
65 19.6 15.3 22.9

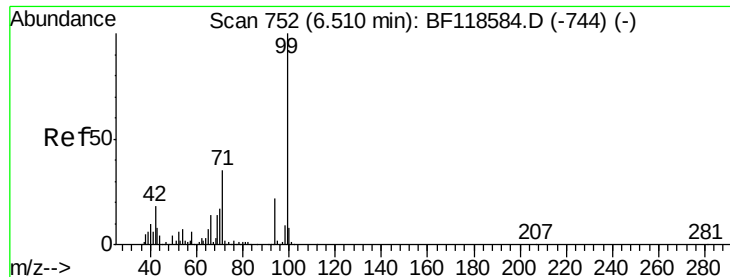


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.476 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampled :

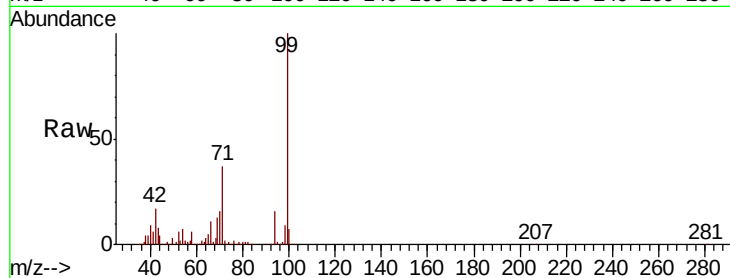
Tot Ion: 99 Resp: 2532402

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.1	19.7
71	36.5	28.4	42.6

99 100

42 17.2 13.1 19.7

71 36.5 28.4 42.6

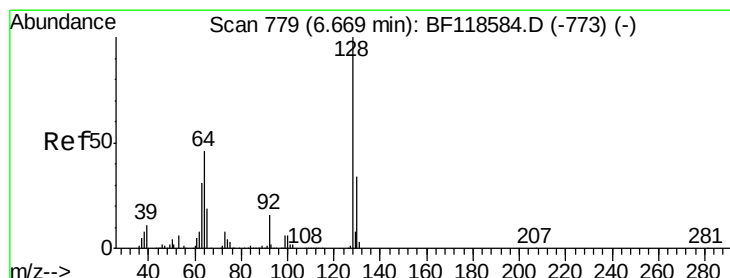
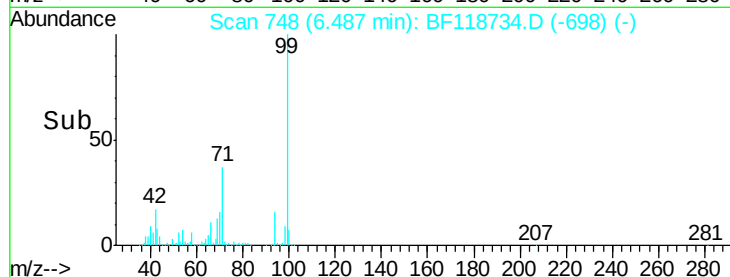
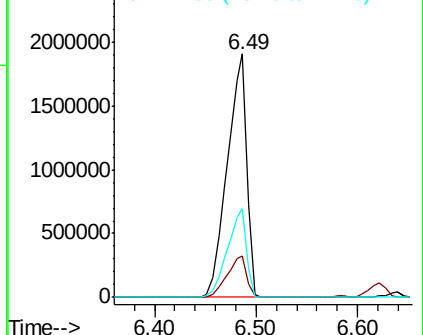


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.852 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

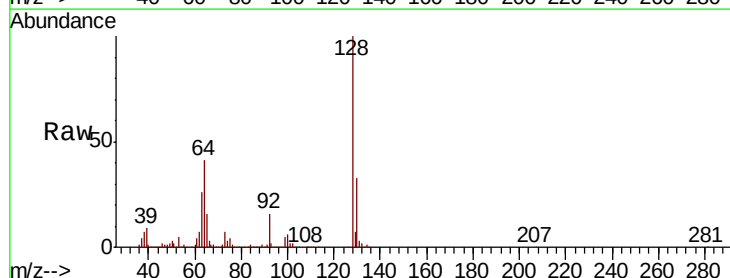
Tgt Ion: 128 Resp: 788884

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.8	52.8
64	41.3	24.5	64.5

128 100

130 33.4 12.8 52.8

64 41.3 24.5 64.5

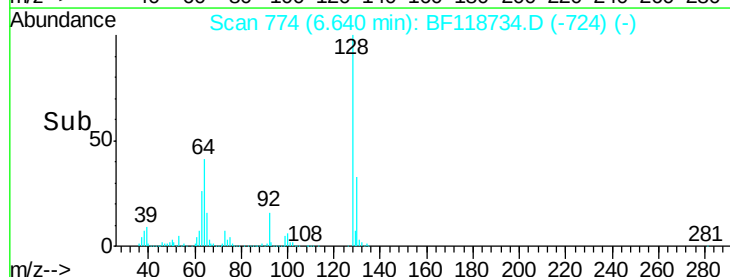
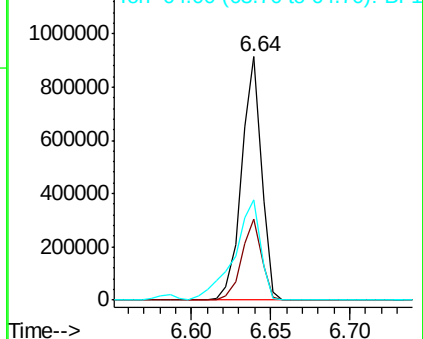


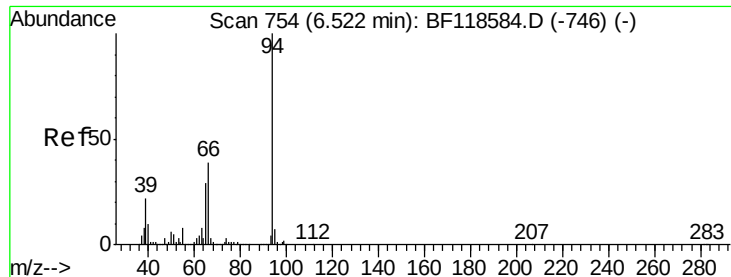
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

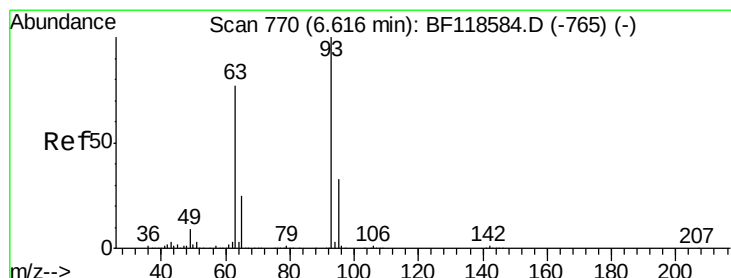
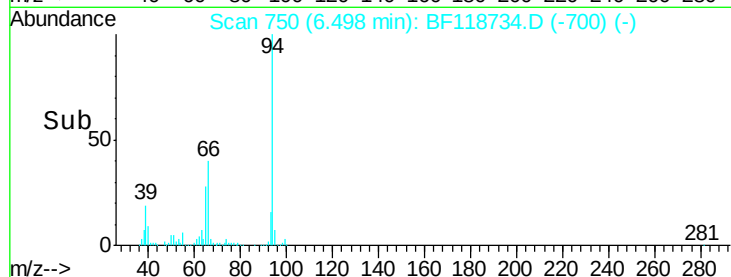
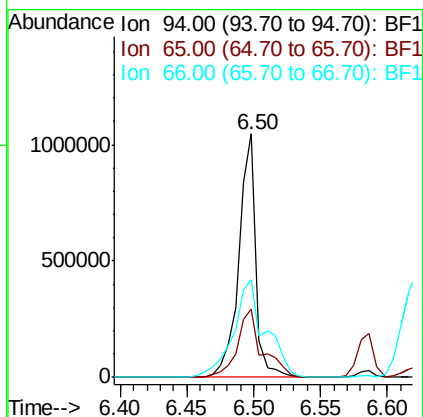
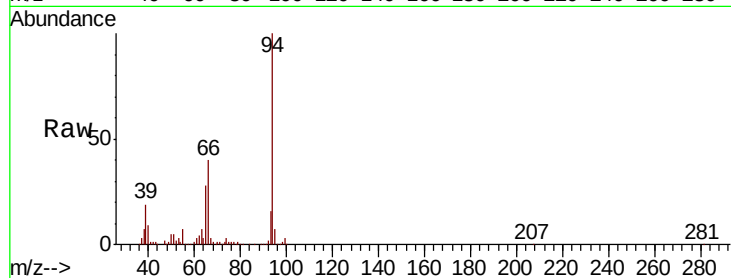




#10
Phenol
Concen: 35.851 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

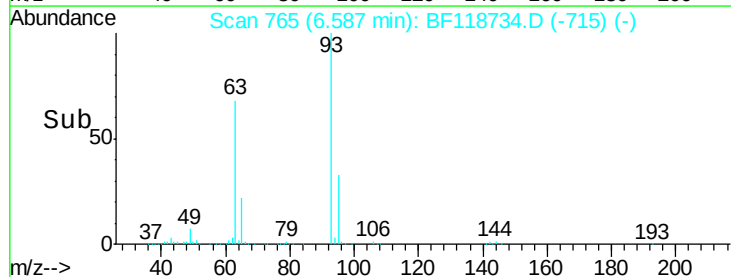
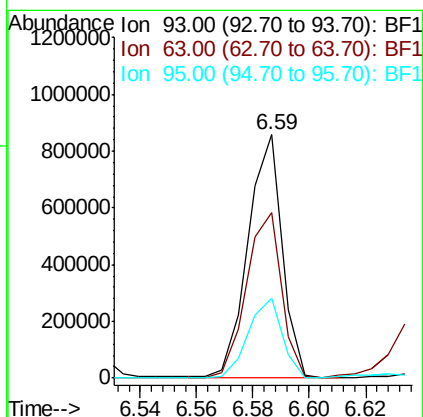
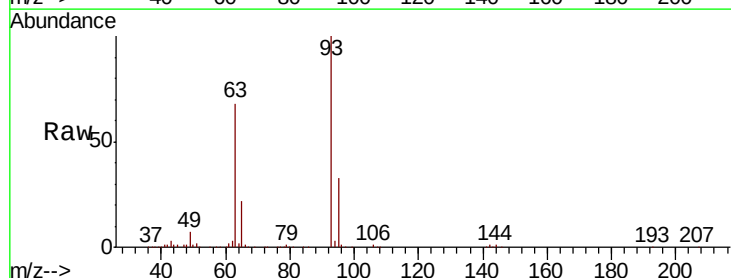
Instrument :
BNA_F
ClientSampled :

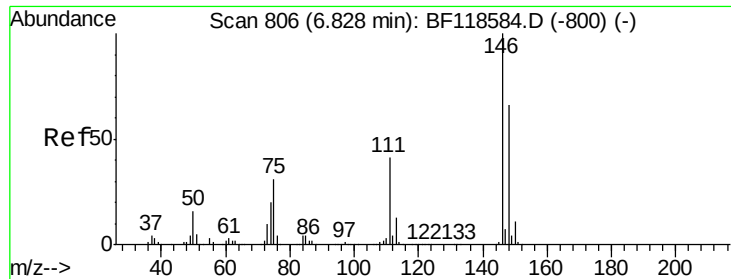
Tot Ion: 94 Resp: 936534
Ion Ratio Lower Upper
94 100
65 27.9 7.9 47.9
66 40.3 19.1 59.1



#11
bis(2-Chloroethyl)ether
Concen: 36.957 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion: 93 Resp: 716280
Ion Ratio Lower Upper
93 100
63 68.2 52.1 92.1
95 32.7 13.2 53.2

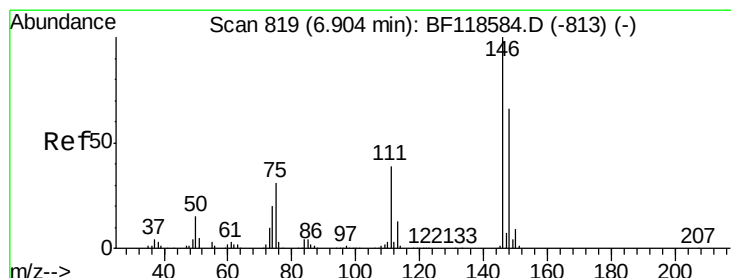
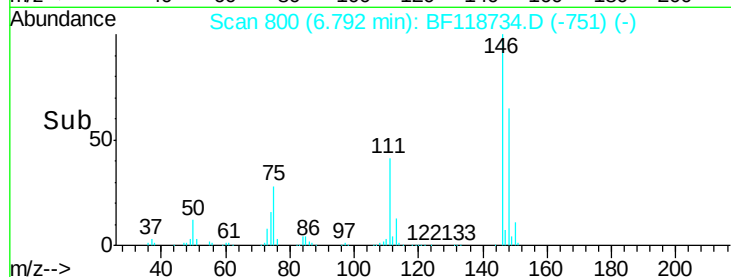
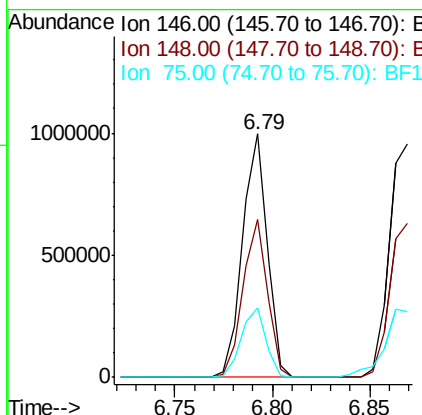
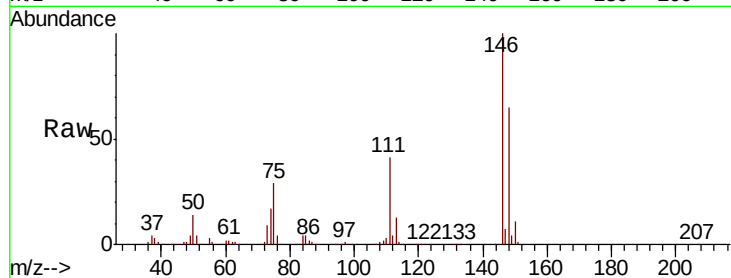




#12
 1,3-Dichlorobenzene
 Concen: 37.592 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

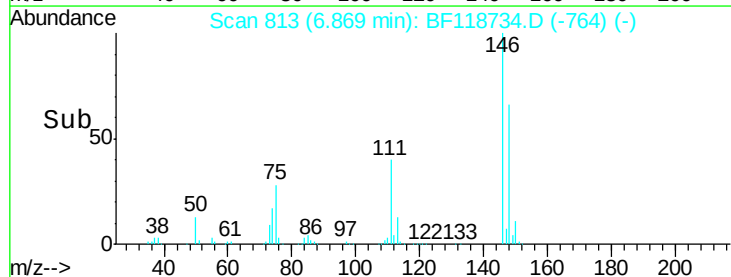
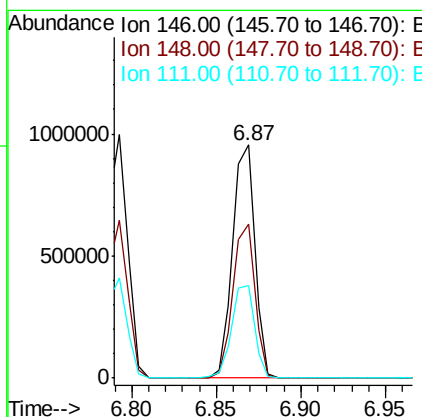
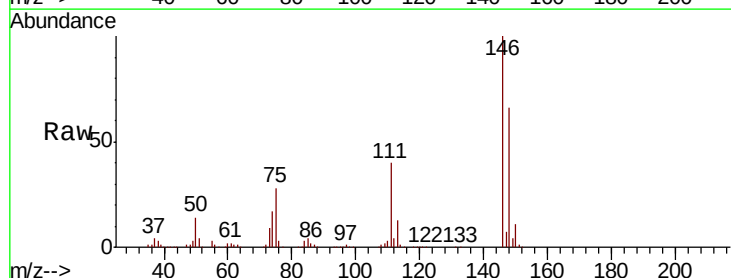
Instrument :
 BNA_F
 ClientSampleId :

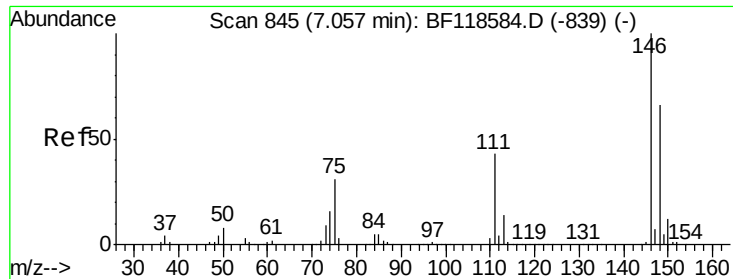
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.4
75	28.7	23.1	34.7



#13
 1,4-Dichlorobenzene
 Concen: 37.525 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.5	77.3
111	39.7	31.8	47.6

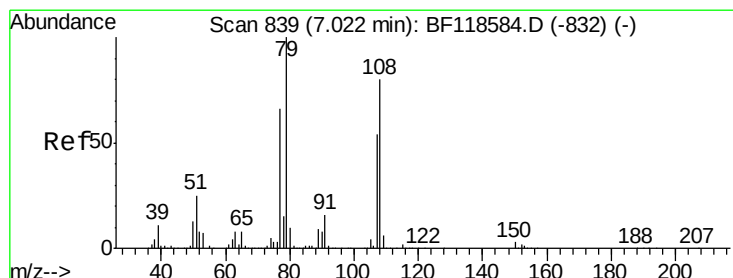
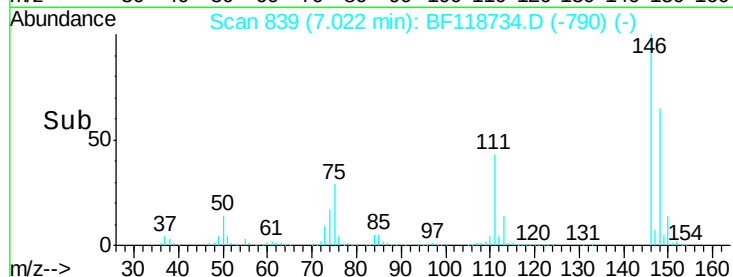
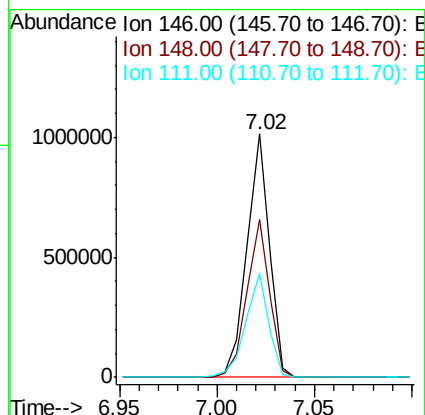
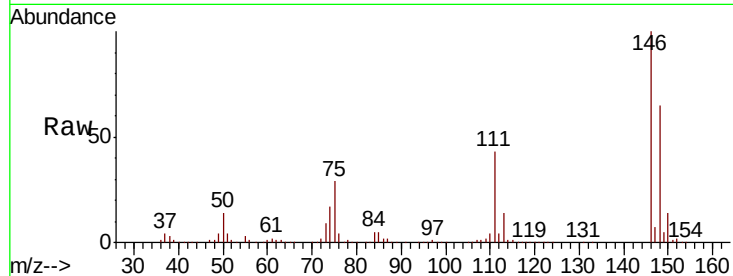




#14
 1,2-Dichlorobenzene
 Concen: 37.100 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

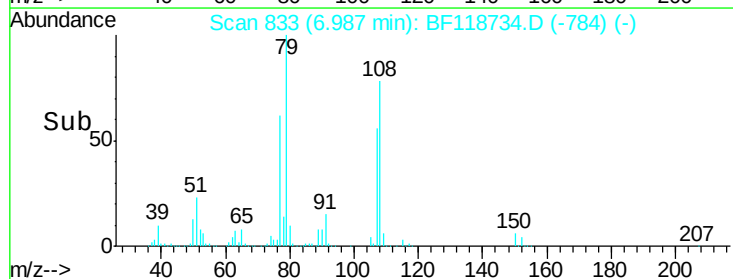
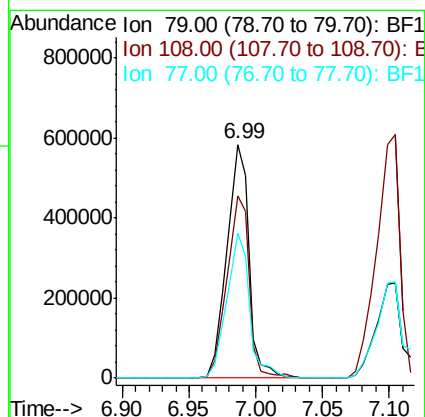
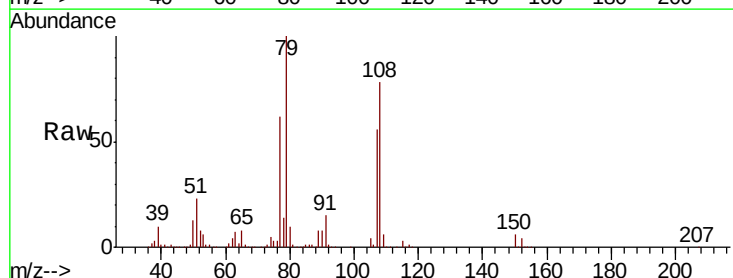
Instrument :
 BNA_F
 ClientSampleId :

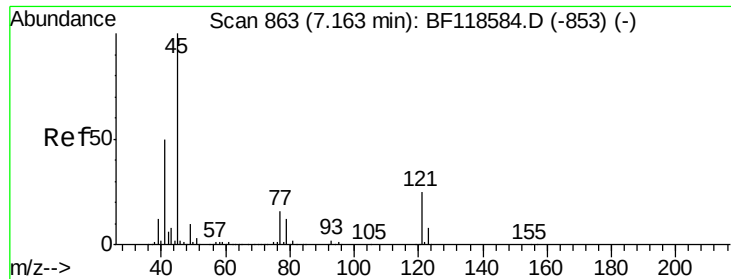
Tot Ion:146 Resp: 811158
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.7 77.5
 111 42.8 35.3 52.9



#15
 Benzyl Alcohol
 Concen: 37.920 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion: 79 Resp: 689315
 Ion Ratio Lower Upper
 79 100
 108 78.1 63.4 95.2
 77 62.1 49.8 74.6

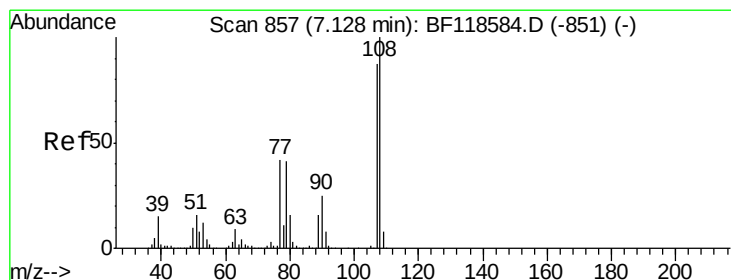
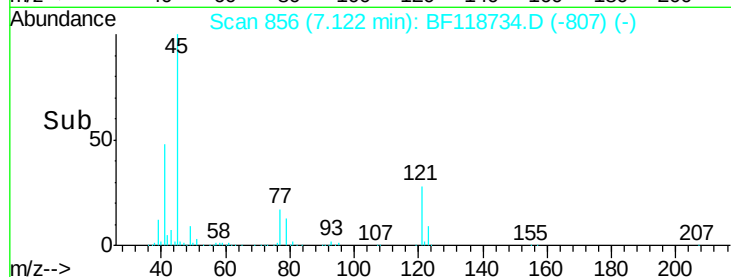
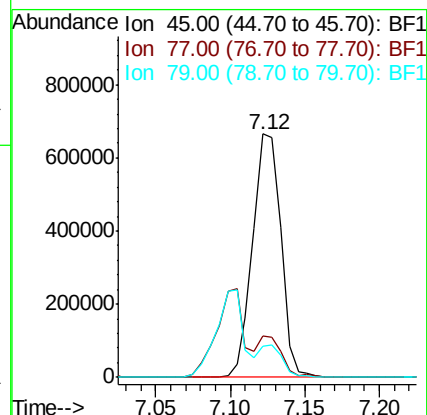
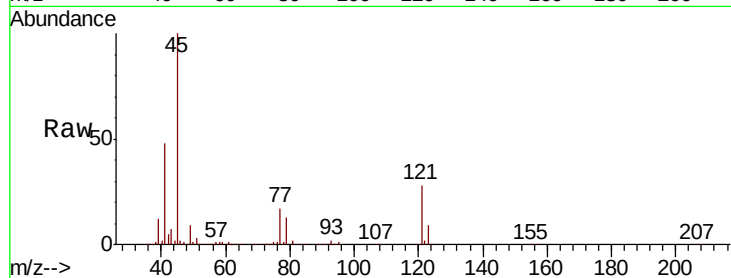




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 32.102 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

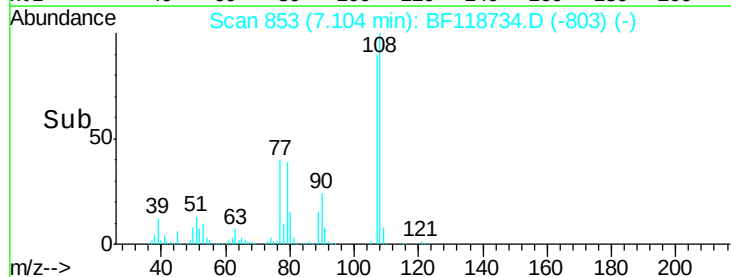
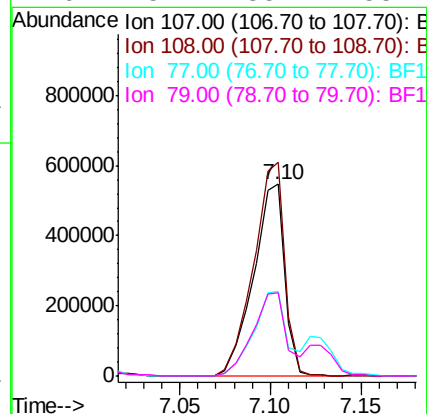
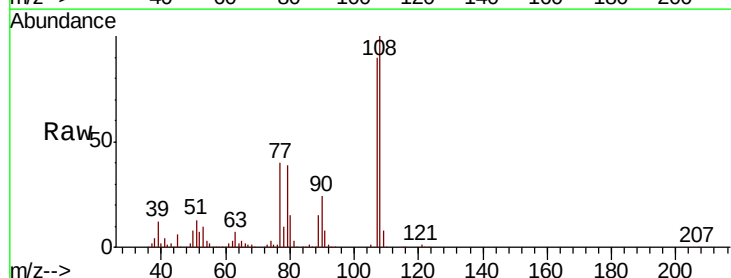
Instrument :
BNA_F
ClientSampleId :

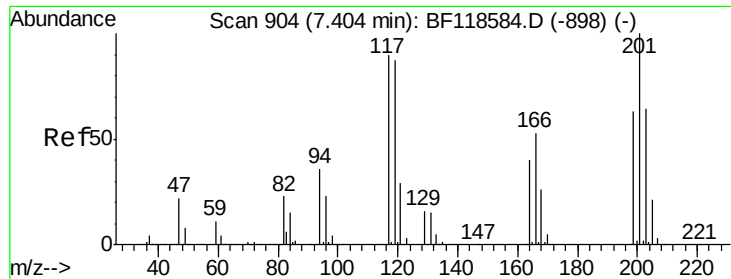
Tot Ion: 45 Resp: 866633
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.9
79 13.0 0.0 32.5



#17
2-Methylphenol
Concen: 39.756 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:107 Resp: 655547
Ion Ratio Lower Upper
107 100
108 111.5 88.0 132.0
77 44.2 35.3 52.9
79 43.7 35.4 53.2

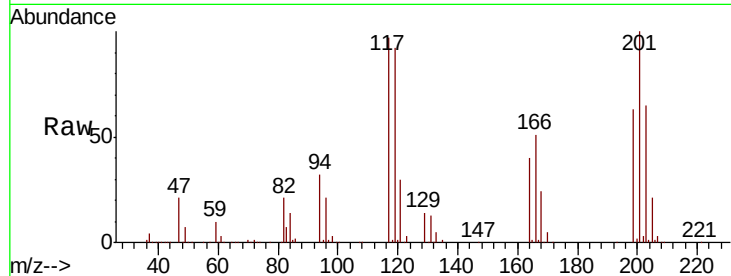




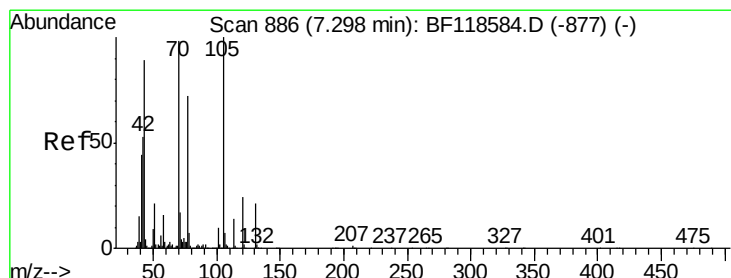
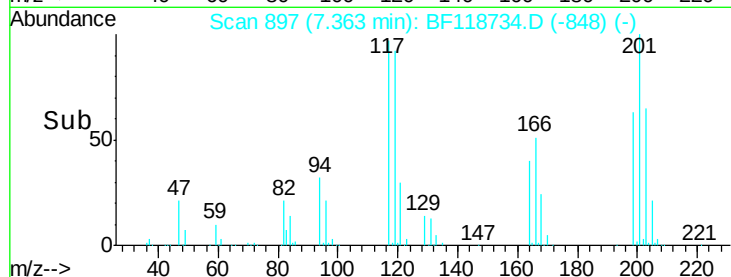
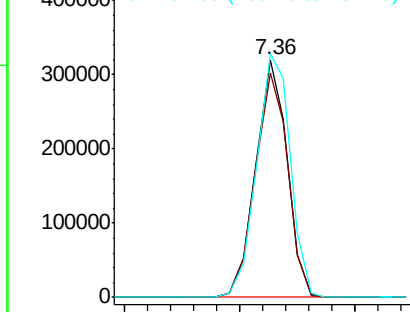
#18
Hexachloroethane
Concen: 36.177 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 305102
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2
201 102.6 83.3 124.9

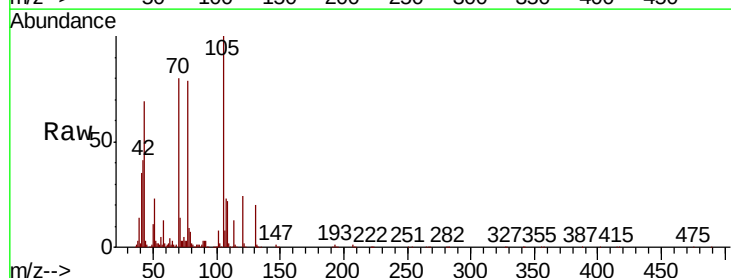


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

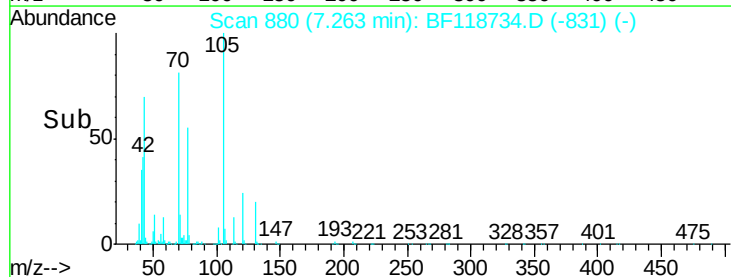
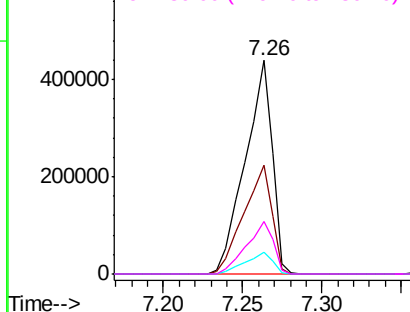


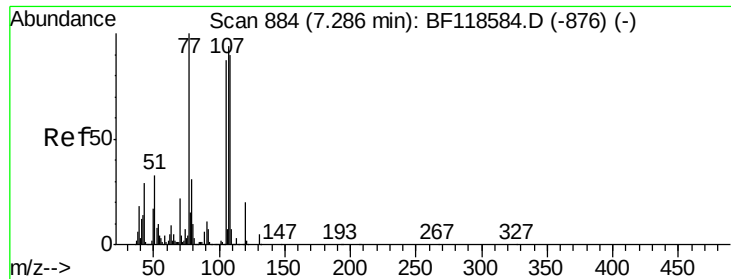
#19
n-Nitroso-di-n-propylamine
Concen: 33.560 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion: 70 Resp: 519443
Ion Ratio Lower Upper
70 100
42 51.2 41.6 62.4
101 10.3 7.9 11.9
130 24.8 19.0 28.6



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

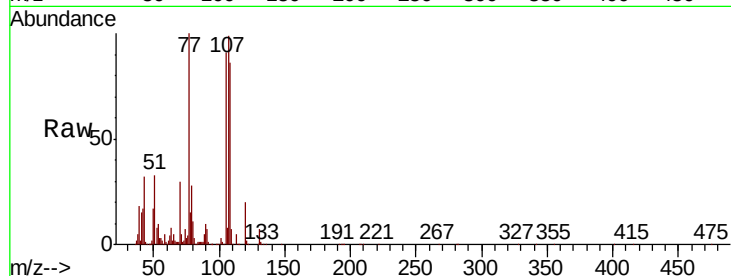




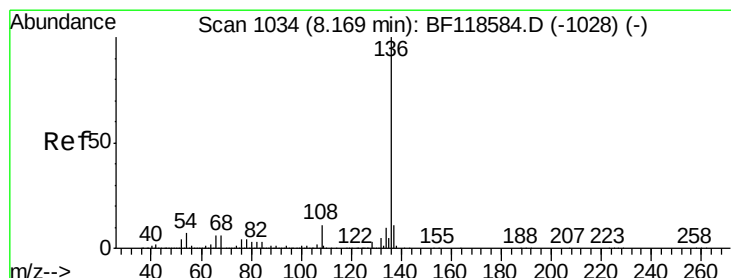
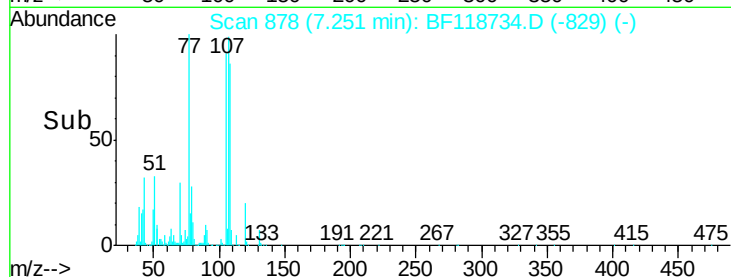
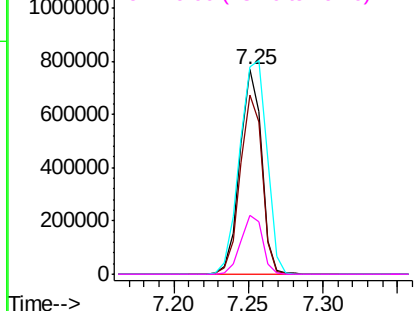
#20
3+4-Methylphenols
Concen: 38.680 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	778695
Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.5	107.5
77	101.4	73.6	113.6
79	28.9	9.3	49.3

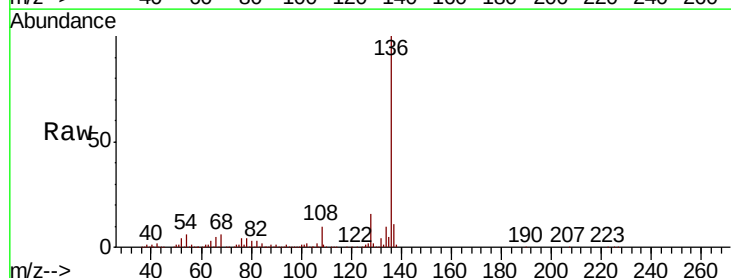


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

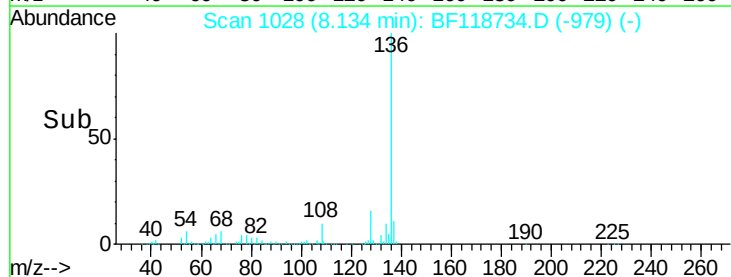
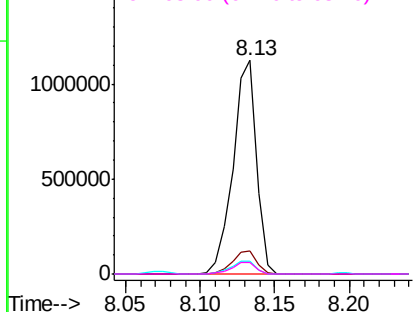


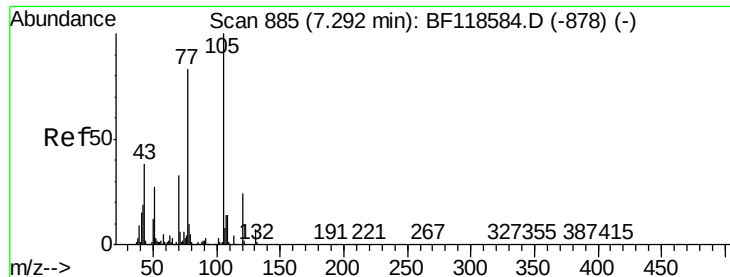
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:	136	Resp:	1236270
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	5.1	7.7
68	5.6	4.3	6.5



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





#22

Acetophenone

Concen: 35.085 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 1027497

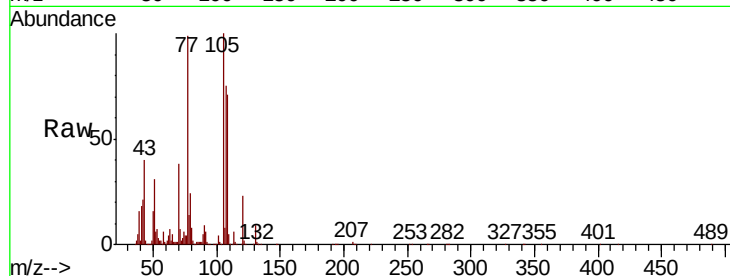
Ion Ratio Lower Upper

105 100

71 6.6 4.3 6.5#

51 31.2 23.5 35.3

120 23.3 18.6 28.0

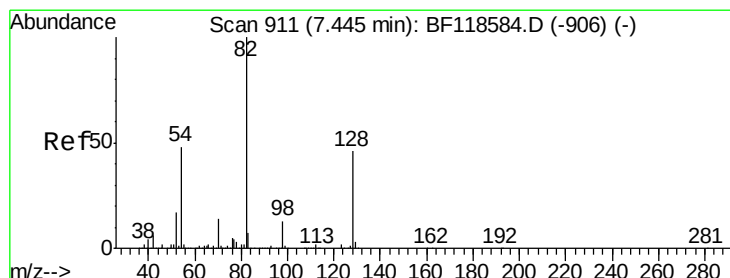
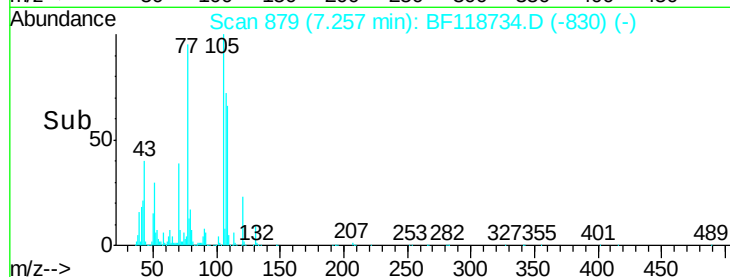
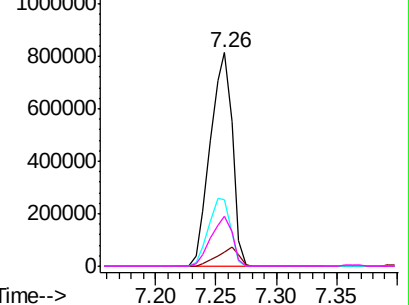


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.749 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

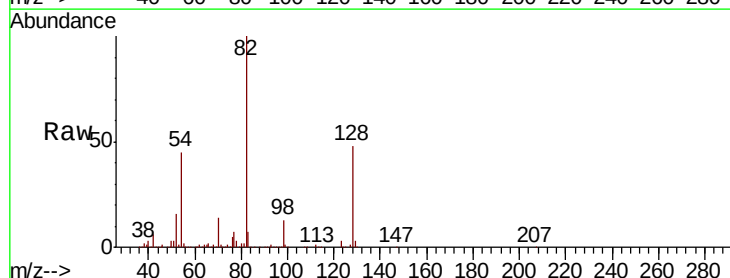
Tgt Ion: 82 Resp: 1585813

Ion Ratio Lower Upper

82 100

128 48.2 38.2 57.2

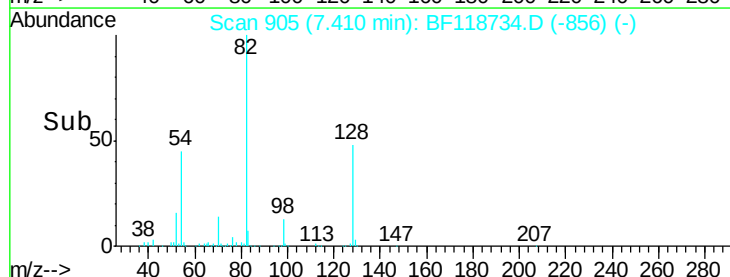
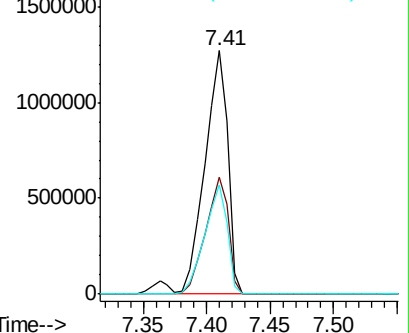
54 44.9 36.1 54.1

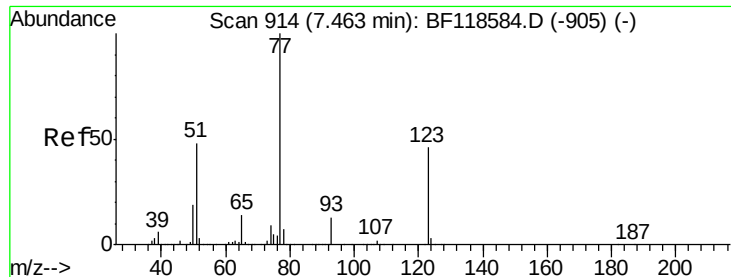


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 35.430 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampled :

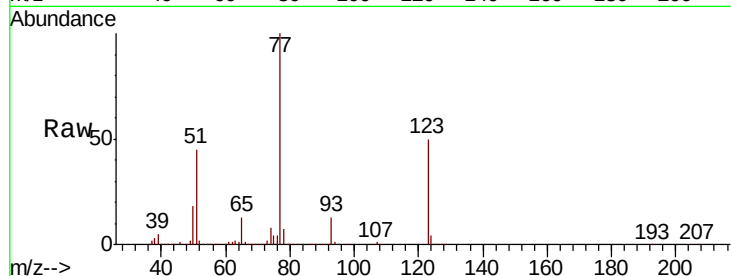
Tot Ion: 77 Resp: 801832

Ion Ratio Lower Upper

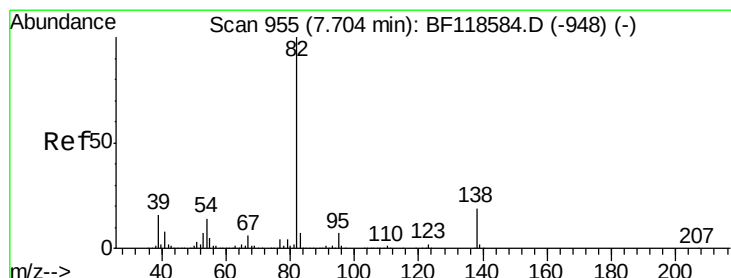
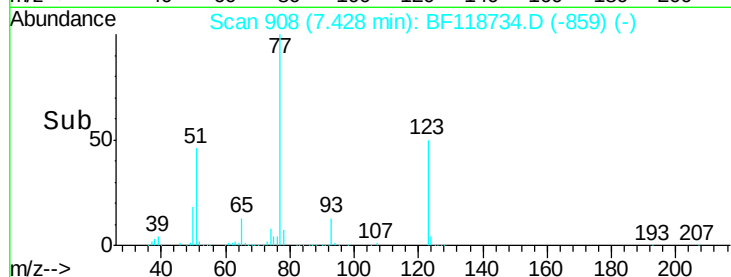
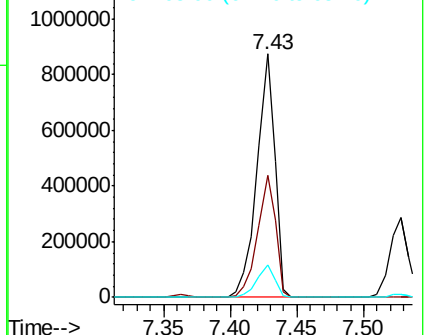
77 100

123 50.2 39.2 58.8

65 13.2 10.6 15.8



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



#25

Isophorone

Concen: 36.304 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

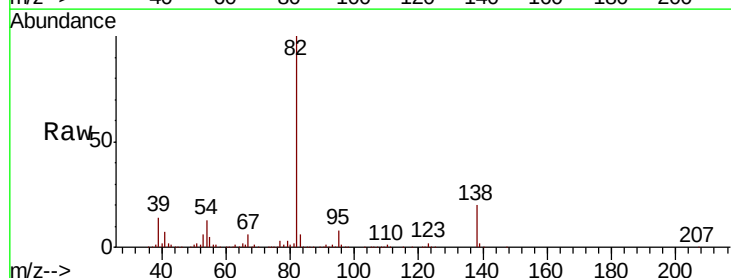
Tgt Ion: 82 Resp: 1463536

Ion Ratio Lower Upper

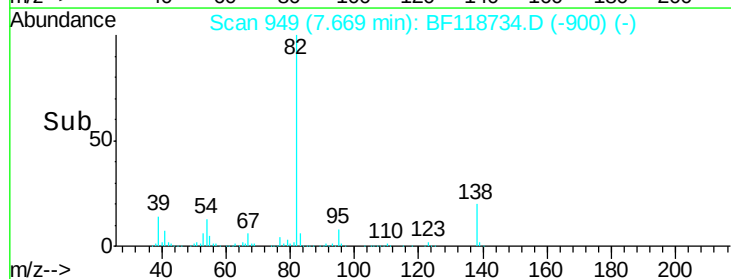
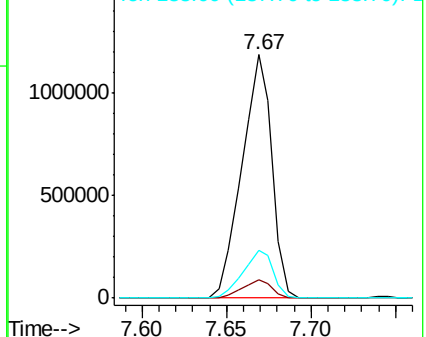
82 100

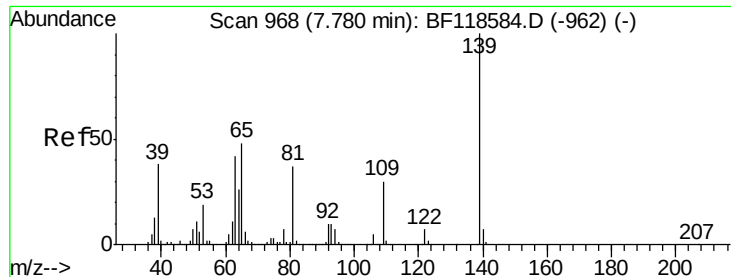
95 7.6 5.8 8.8

138 19.7 15.8 23.8



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

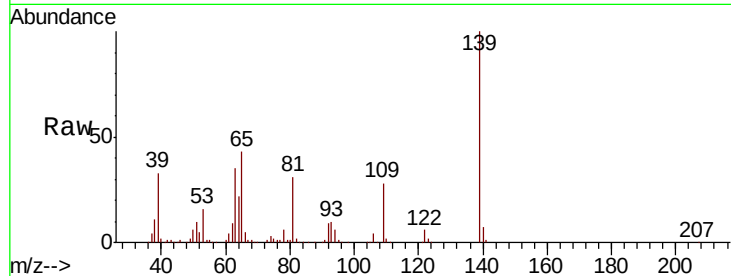




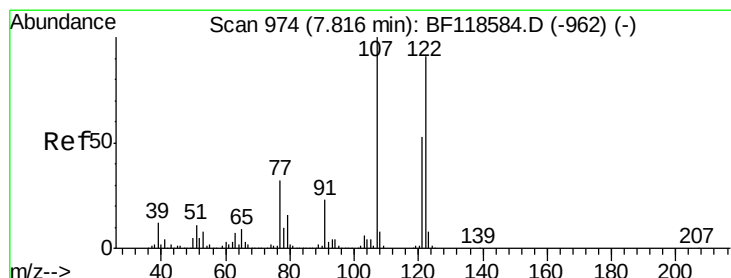
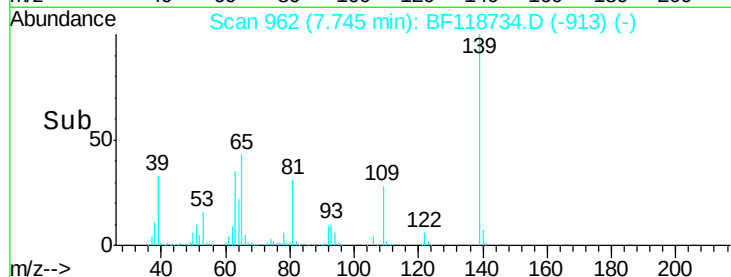
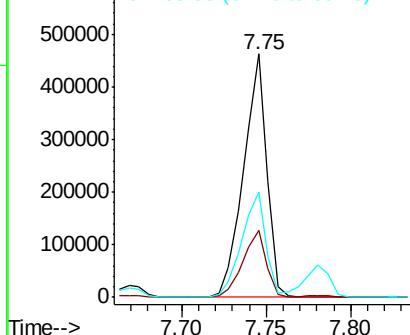
#26
2-Nitrophenol
Concen: 45.979 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	139	Resp	443743
Ion Ratio	Lower	Upper	
139	100		
109	27.7	23.1	34.7
65	43.4	35.2	52.8

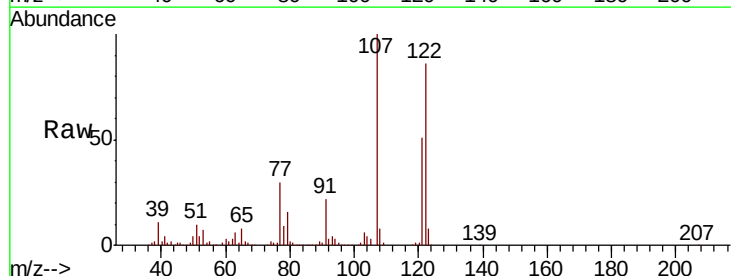


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

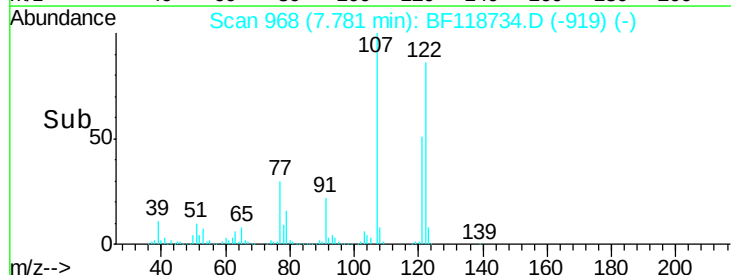
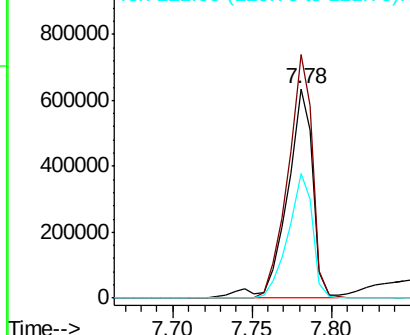


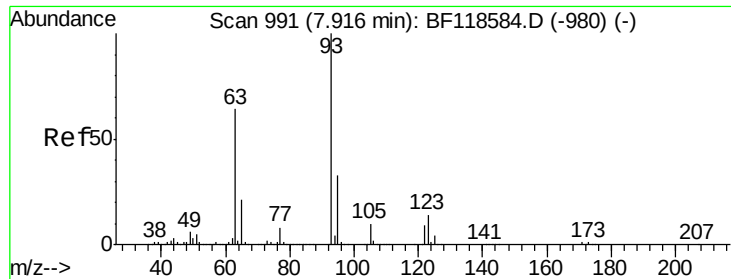
#27
2,4-Dimethylphenol
Concen: 42.726 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	122	Resp	712040
Ion Ratio	Lower	Upper	
122	100		
107	116.4	91.8	137.8
121	59.6	46.8	70.2



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

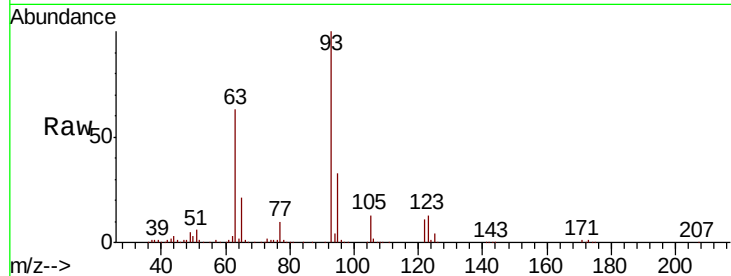




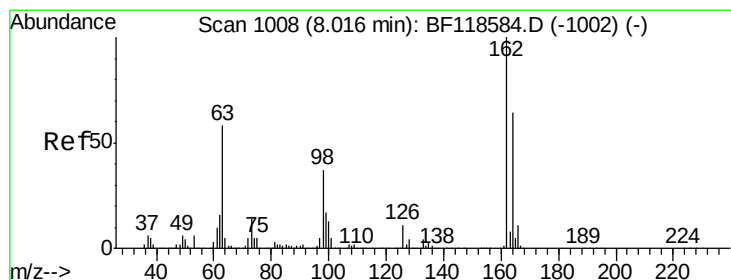
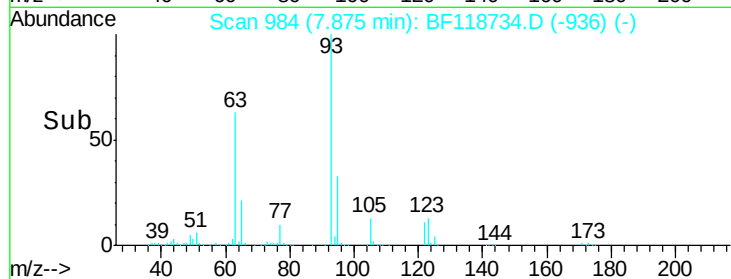
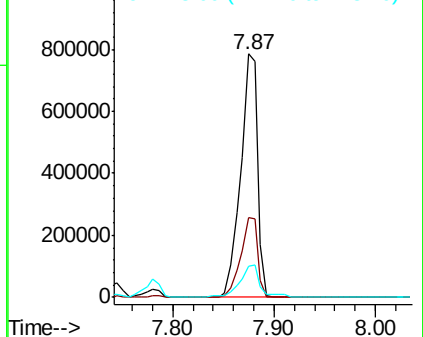
#28
bis(2-Chloroethoxy)methane
Concen: 35.133 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 912604
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 12.8 10.7 16.1

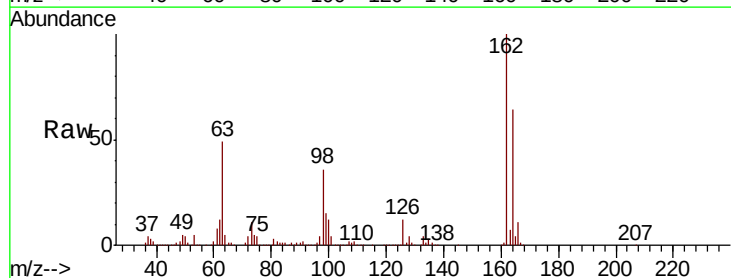


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): BF1

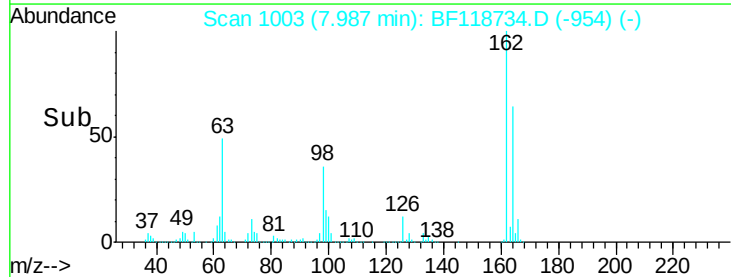
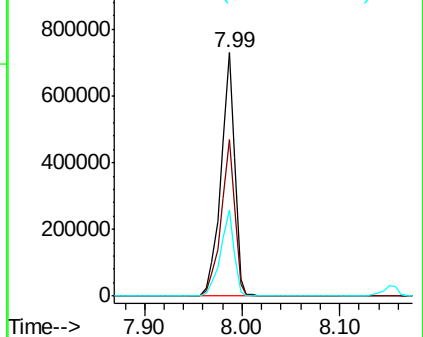


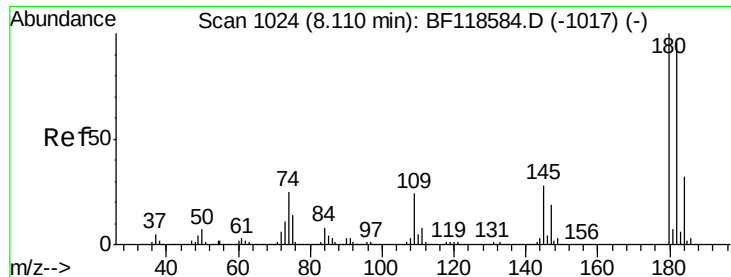
#29
2,4-Dichlorophenol
Concen: 38.927 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:162 Resp: 717145
Ion Ratio Lower Upper
162 100
164 64.3 43.8 83.8
98 35.6 15.0 55.0



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

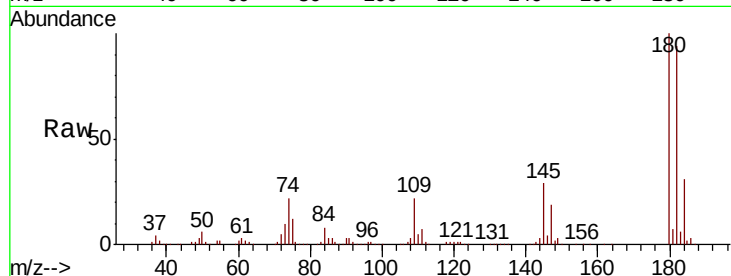




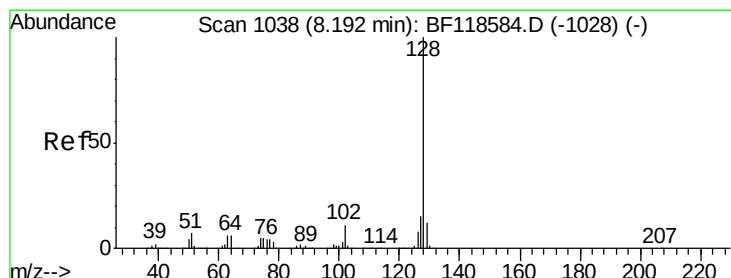
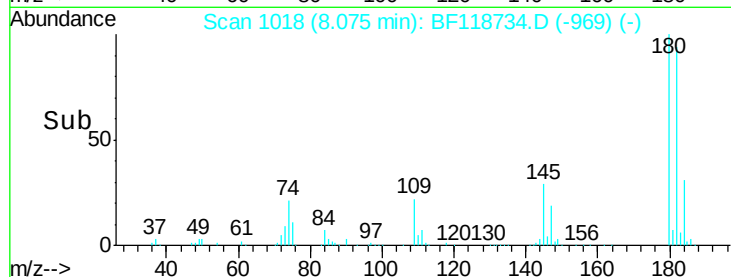
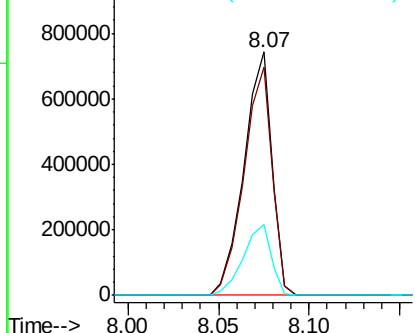
#30
1,2,4-Trichlorobenzene
Concen: 37.179 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 794165
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.4
145 29.1 23.5 35.3

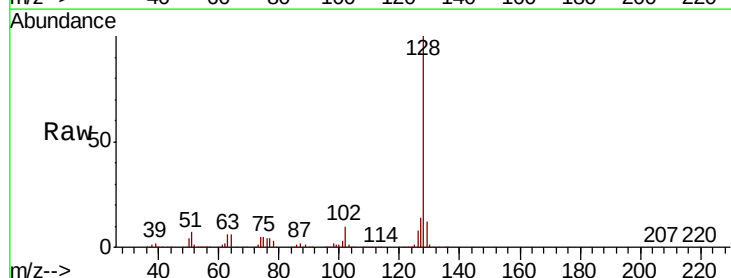


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

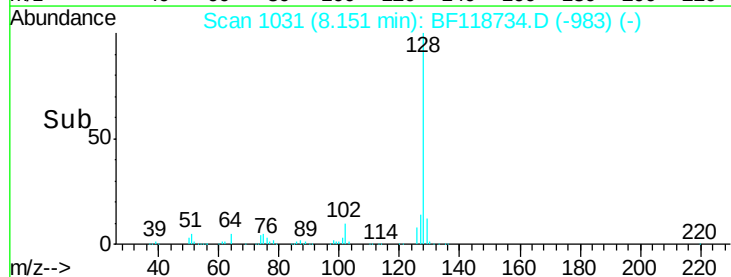
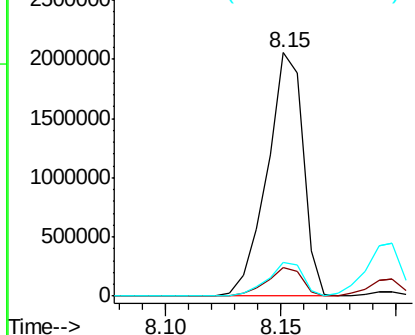


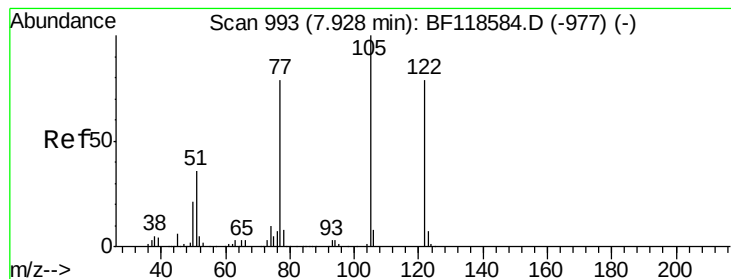
#31
Naphthalene
Concen: 39.871 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:128 Resp: 2226647
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 14.0 11.3 16.9



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: 38.658 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

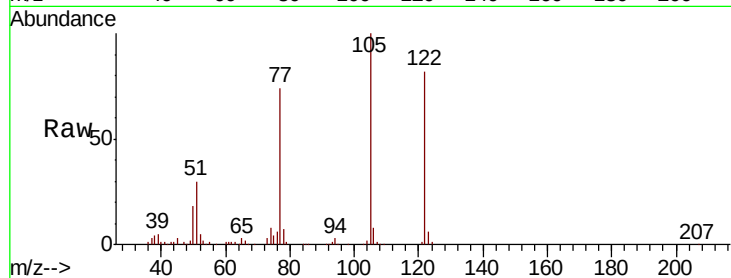
Tot Ion:122 Resp: 483506

Ion Ratio Lower Upper

122 100

105 122.3 100.9 140.9

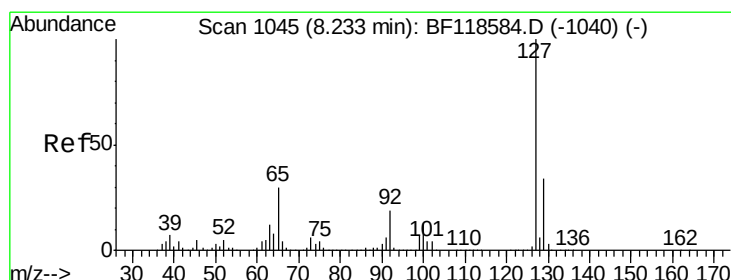
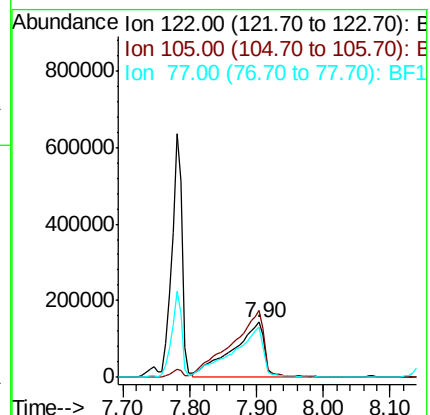
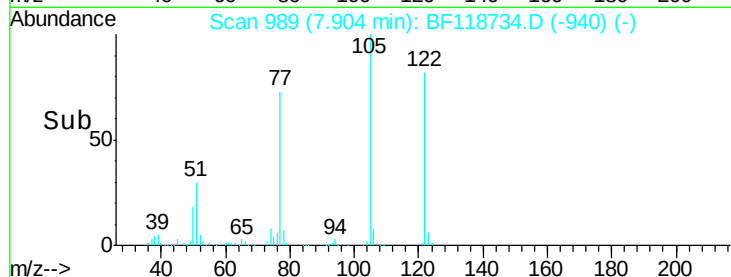
77 90.0 65.1 105.1



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: 19.417 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Tgt Ion:127 Resp: 501204

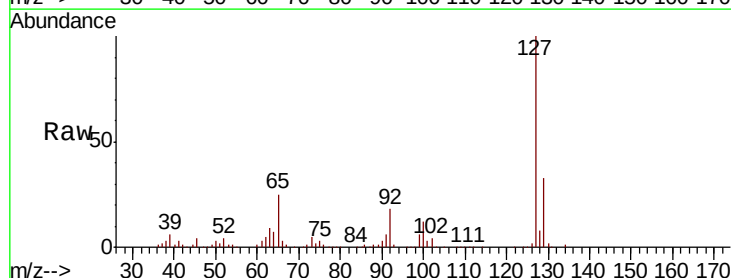
Ion Ratio Lower Upper

127 100

129 32.8 26.4 39.6

65 25.4 22.6 33.8

92 17.8 15.3 22.9

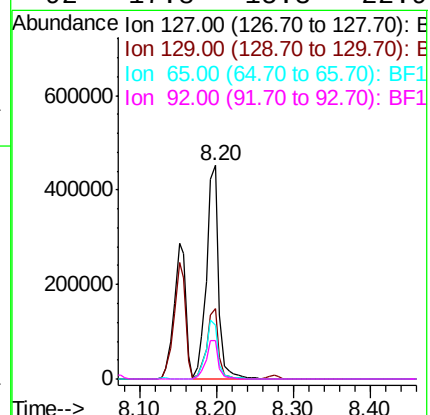
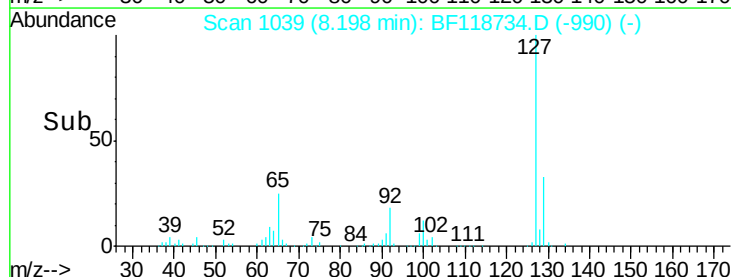


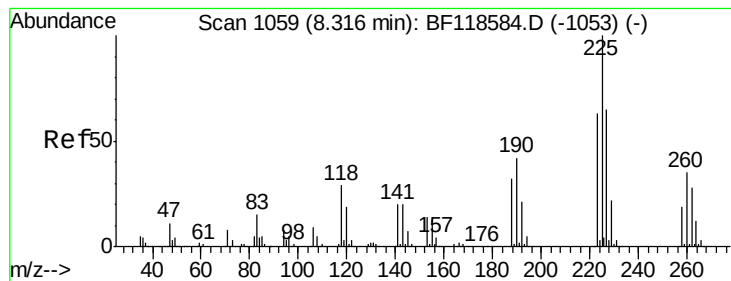
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 35.126 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

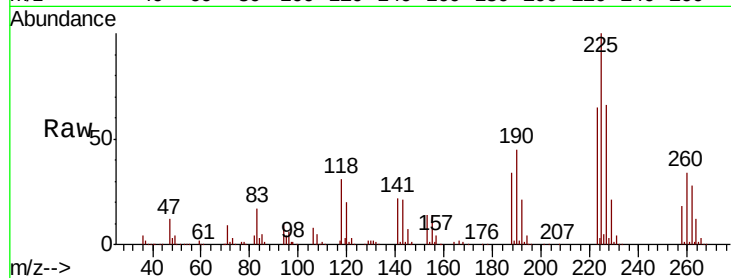
Tot Ion:225 Resp: 456934

Ion Ratio Lower Upper

225 100

223 65.2 50.3 75.5

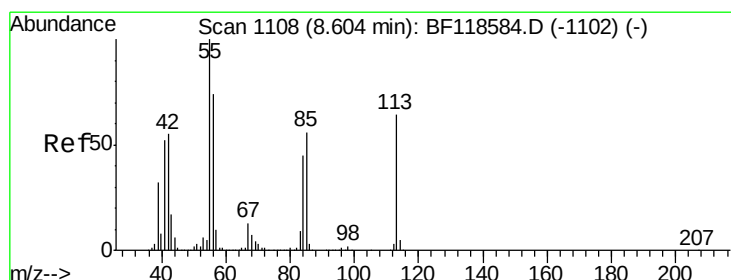
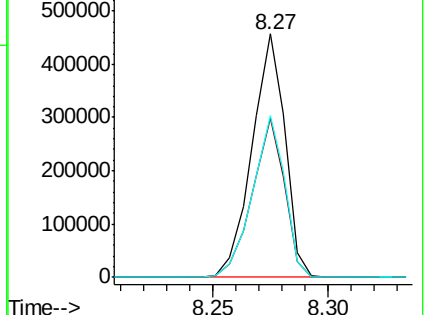
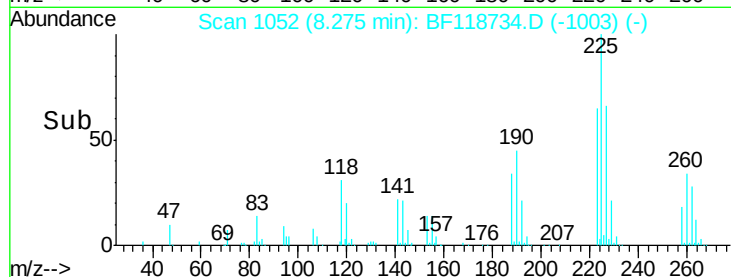
227 66.2 50.5 75.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 18.848 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

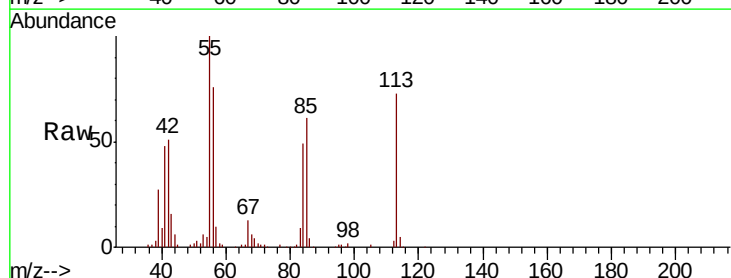
Tgt Ion:113 Resp: 113631

Ion Ratio Lower Upper

113 100

55 137.8 119.0 159.0

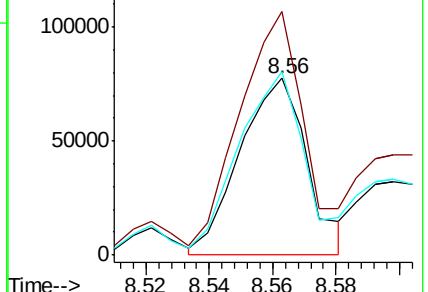
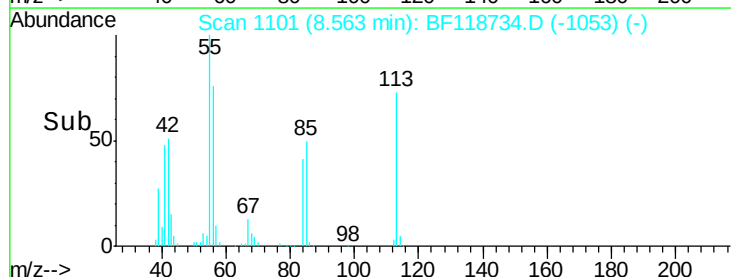
56 104.1 85.4 125.4

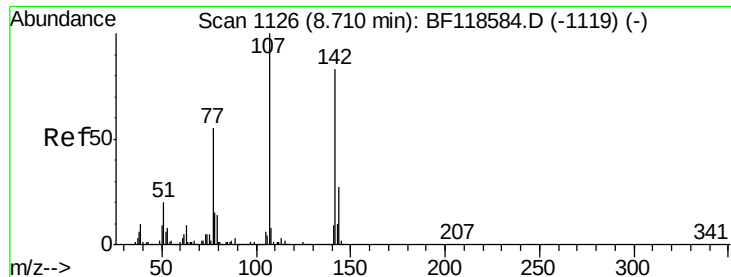


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

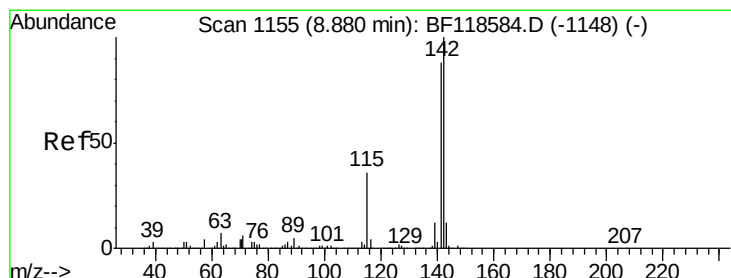
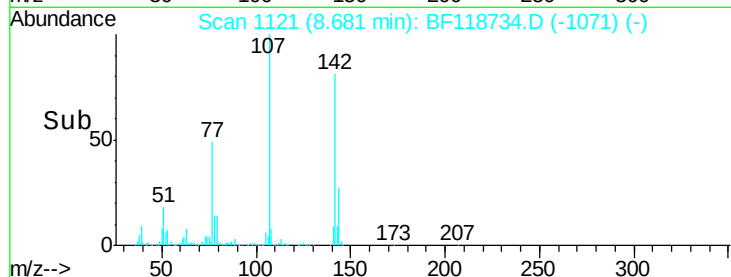
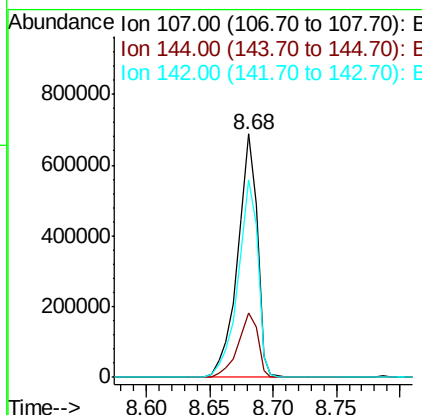
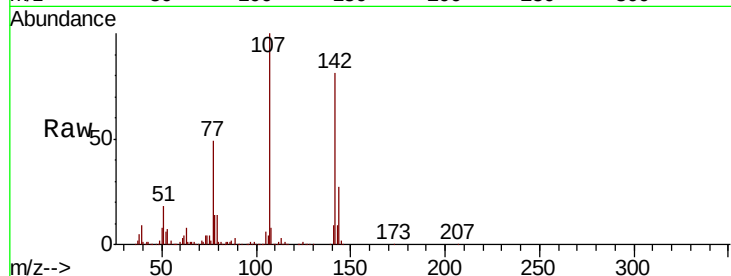




#36
 4-Chloro-3-methylphenol
 Concen: 40.052 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

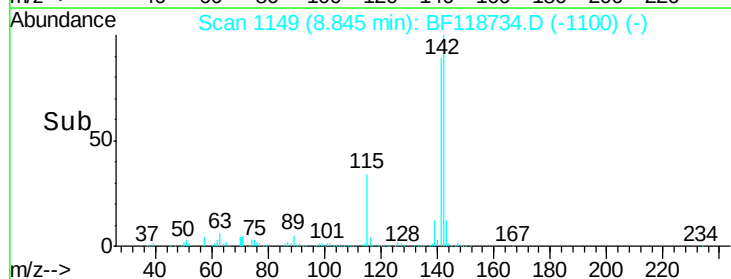
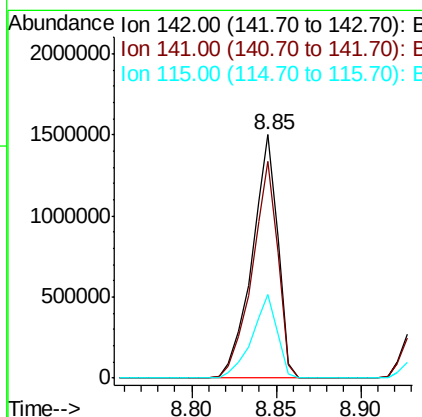
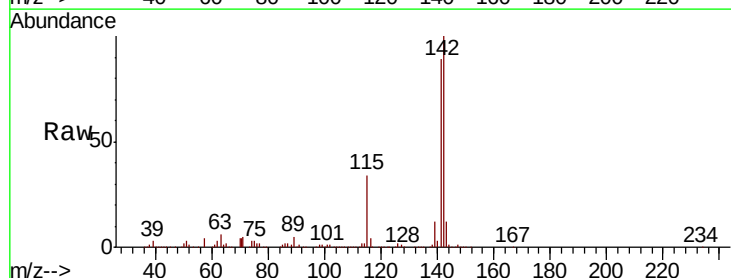
Instrument :
 BNA_F
 ClientSampled :

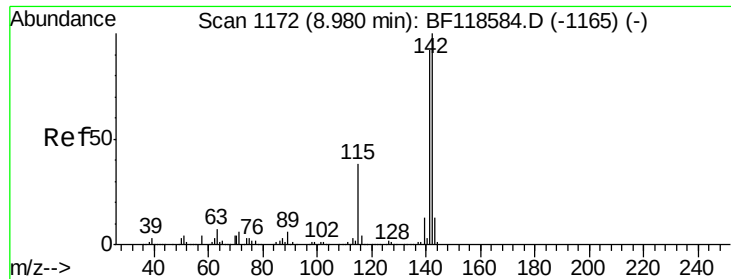
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.9	31.3
142	81.2	64.5	96.7



#37
 2-Methylnaphthalene
 Concen: 40.441 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	34.4	27.5	41.3

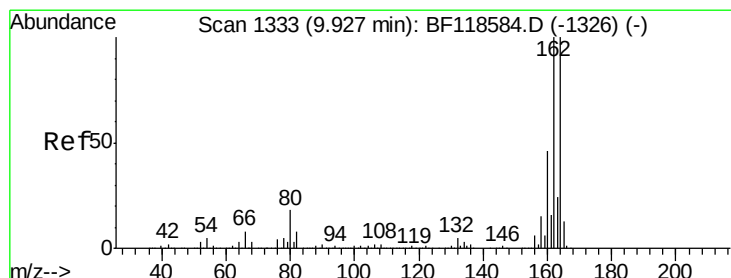
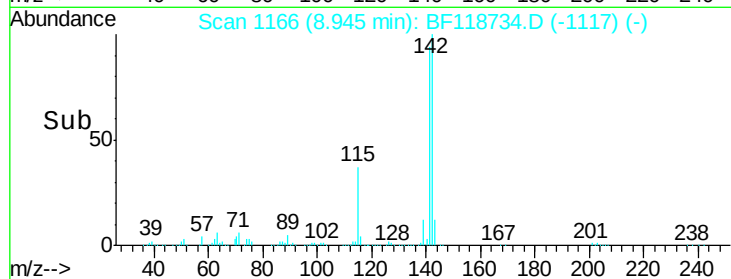
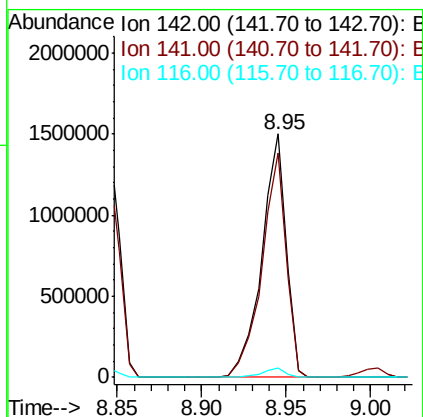
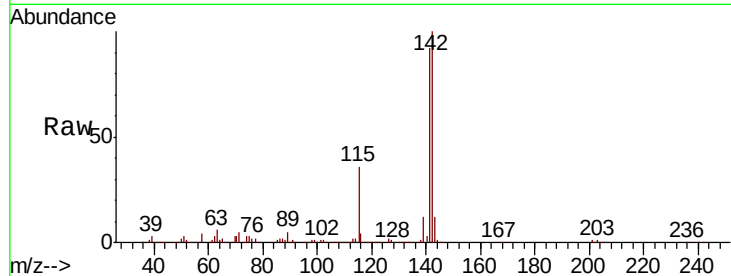




#38
1-Methylnaphthalene
Concen: 39.975 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

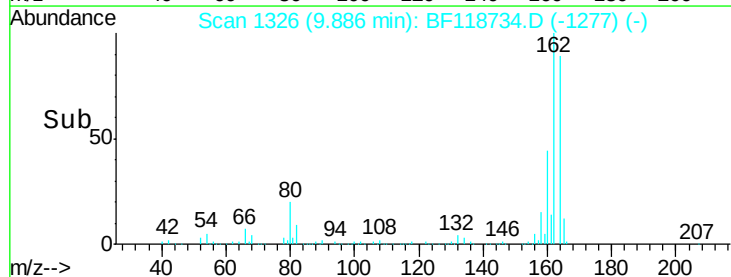
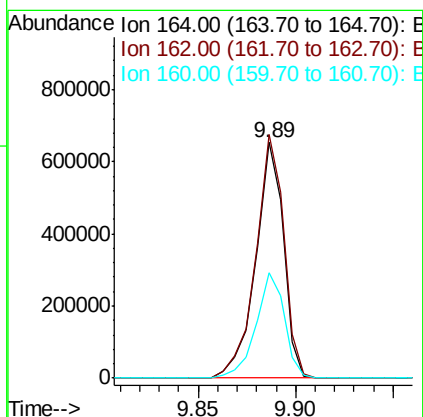
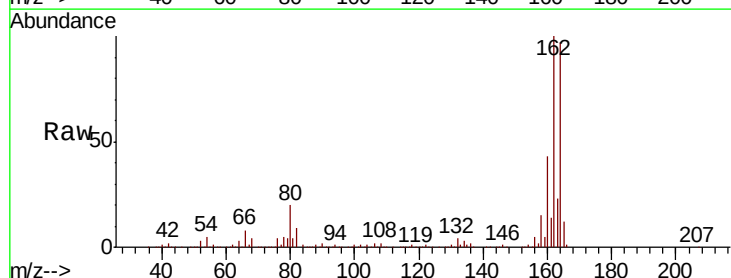
Instrument :
BNA_F
ClientSampleId :

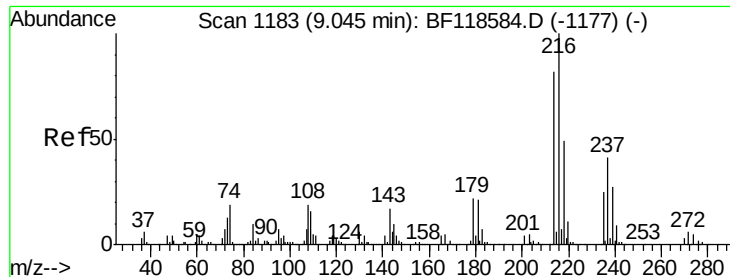
Tot Ion:142 Resp: 1497091
Ion Ratio Lower Upper
142 100
141 92.3 73.5 110.3
116 3.7 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:164 Resp: 646676
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 44.8 35.4 53.0

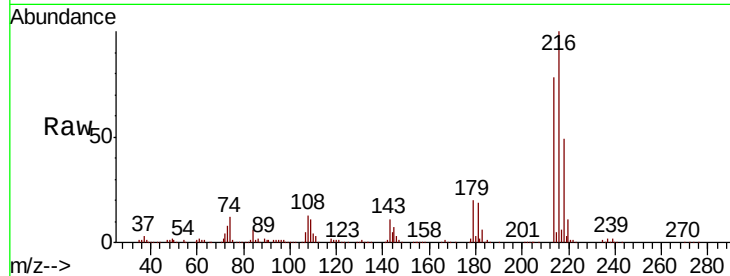




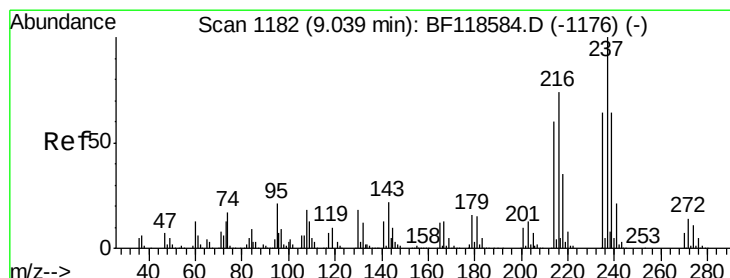
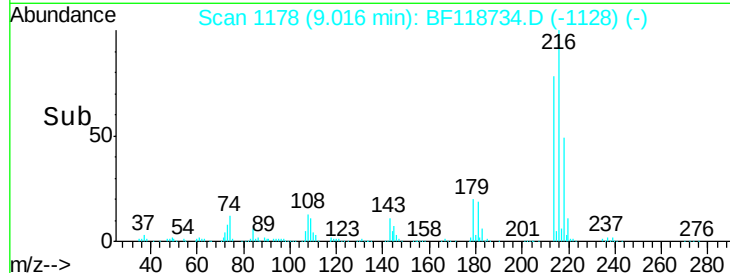
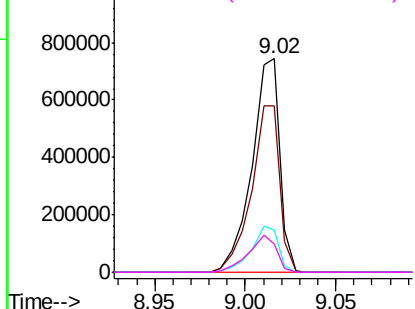
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.412 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	797464
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.4 95.2
179	21.0	17.0 25.4
108	17.5	13.0 19.6

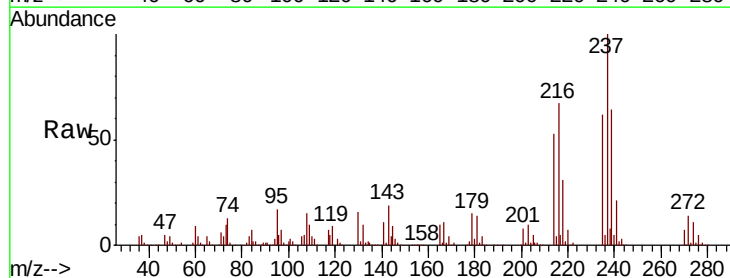


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

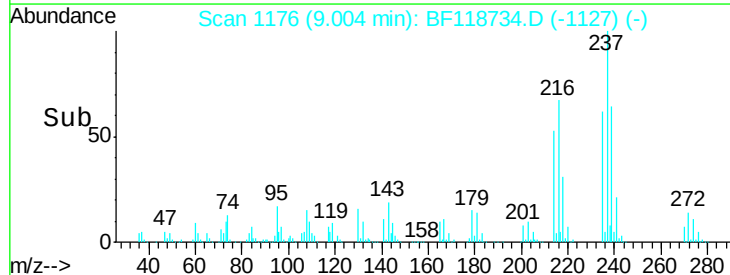
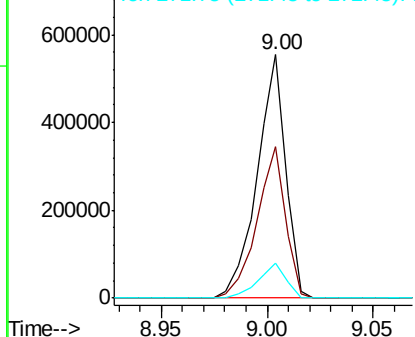


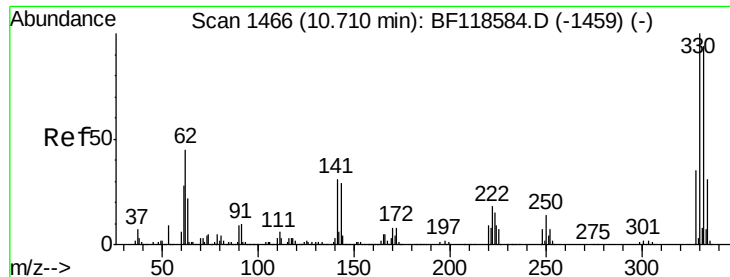
#41
 Hexachlorocyclopentadiene
 Concen: 50.930 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:237	Resp:	519927
Ion Ratio	Lower	Upper
237	100	
235	62.4	42.7 82.7
272	14.1	0.0 34.4



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: 124.246 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampled :

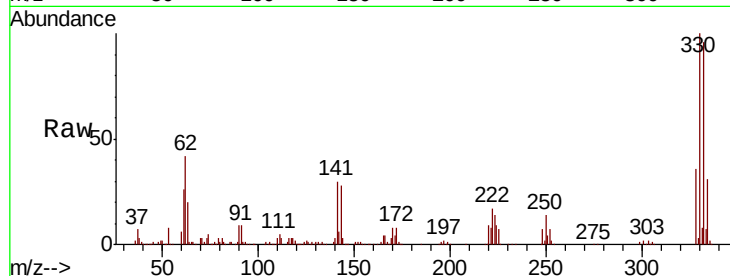
Tot Ion:330 Resp: 929315

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

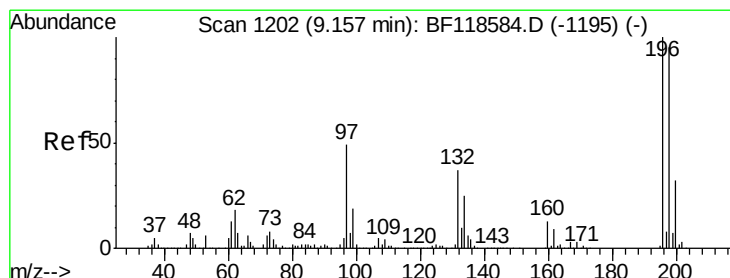
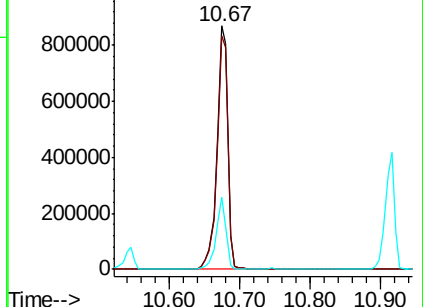
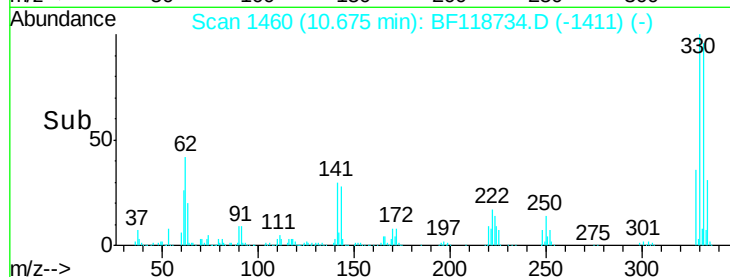
141 27.2 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 41.520 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

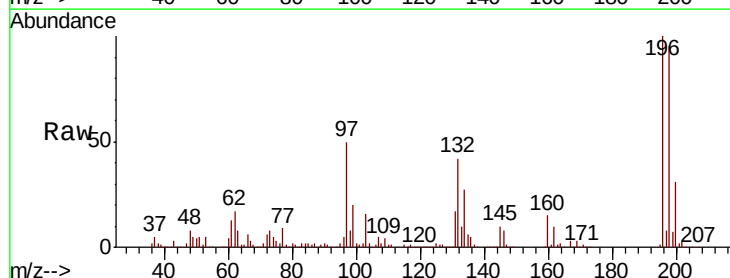
Tgt Ion:196 Resp: 557492

Ion Ratio Lower Upper

196 100

198 95.3 76.4 114.6

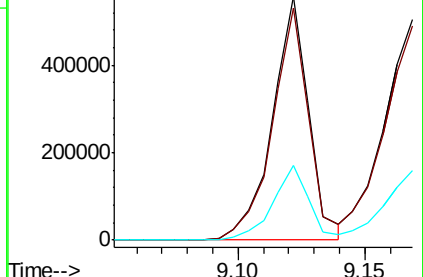
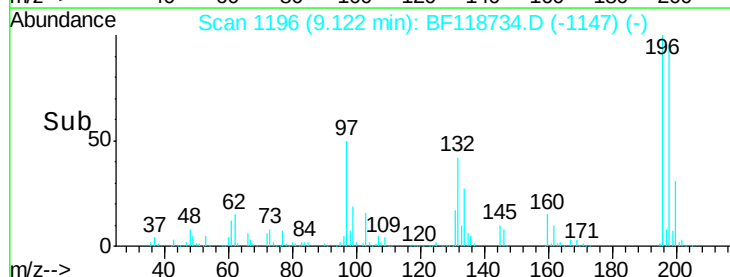
200 30.9 25.4 38.2

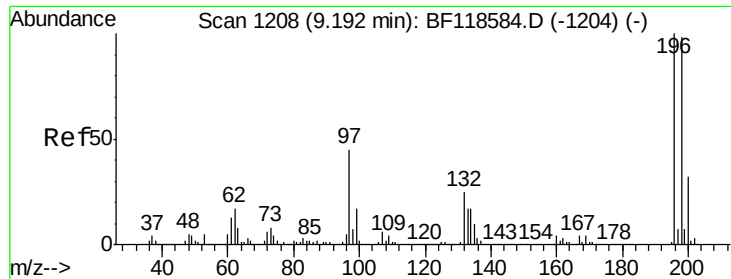


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

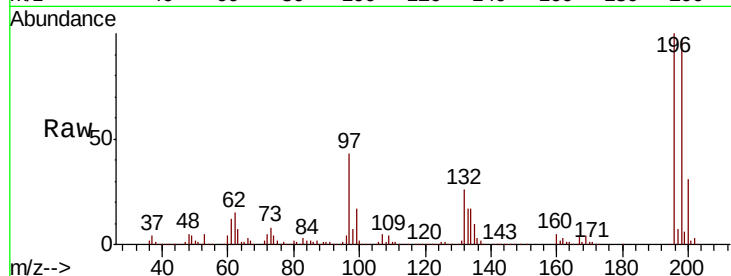




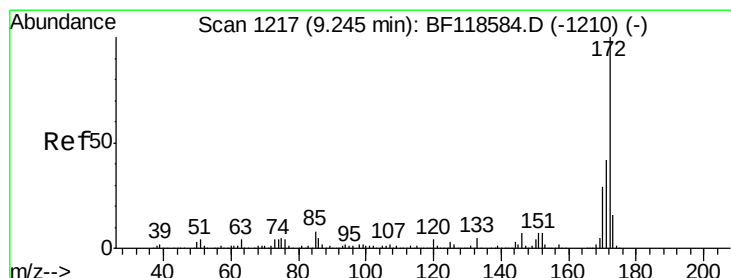
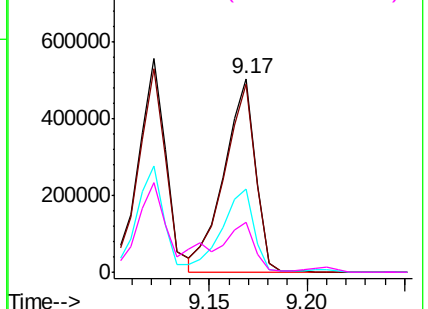
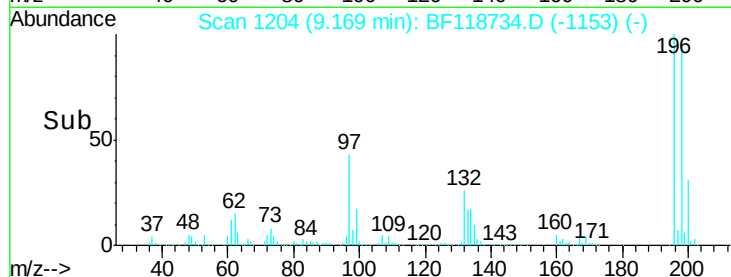
#44
 2,4,5-Trichlorophenol
 Concen: 41.151 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 564301
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.4
 97 43.0 35.7 53.5
 132 26.1 21.4 32.0

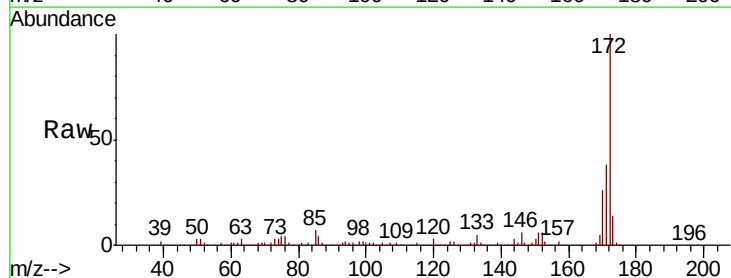


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

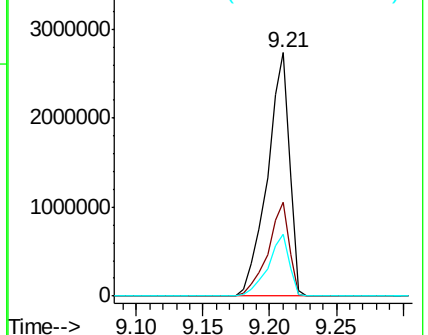
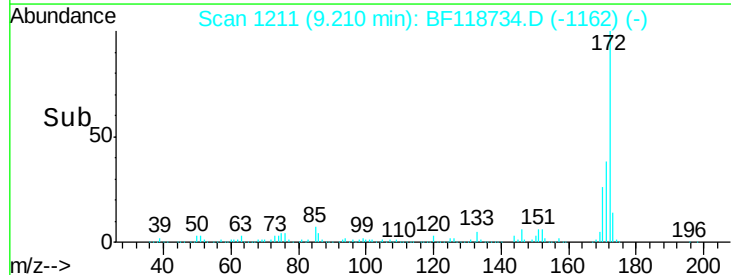


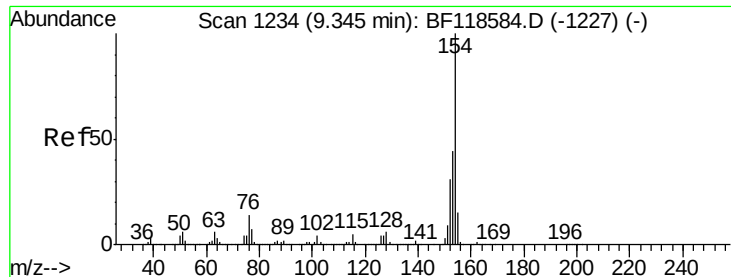
#45
 2-Fluorobiphenyl
 Concen: 80.072 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:172 Resp: 3150422
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 25.6 20.7 31.1



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

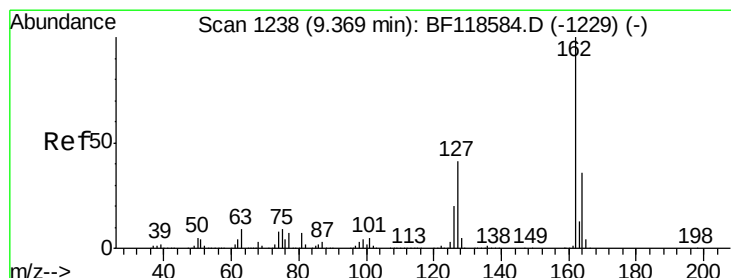
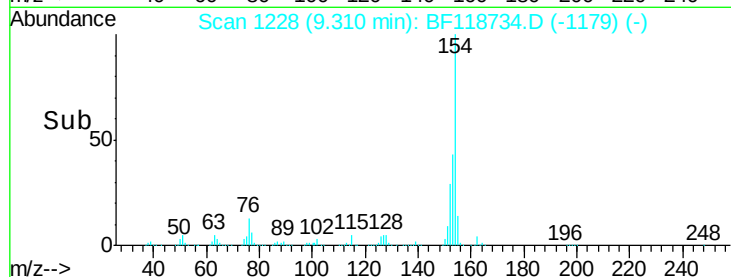
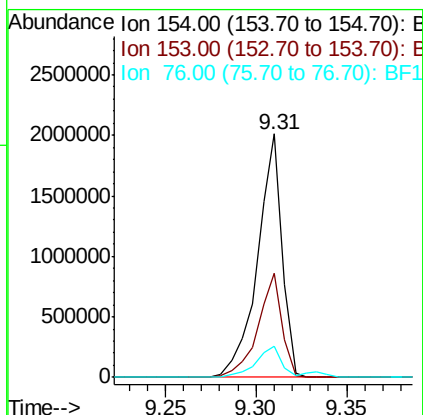
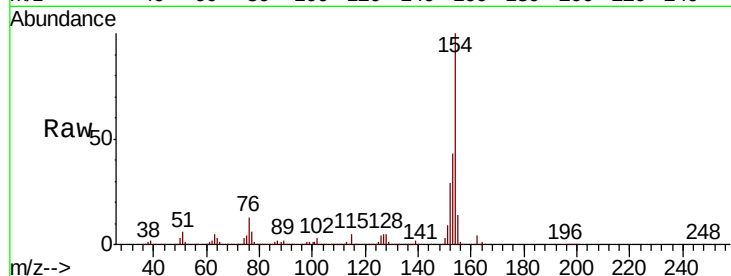




#46
 1,1'-Biphenyl
 Concen: 42.439 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

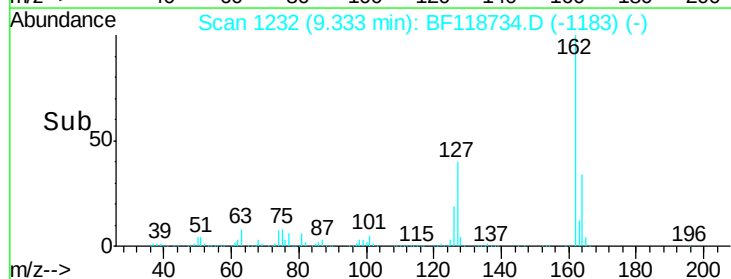
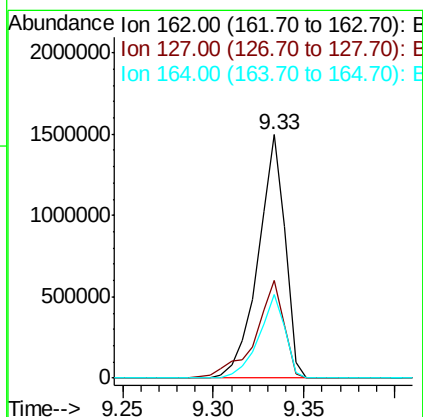
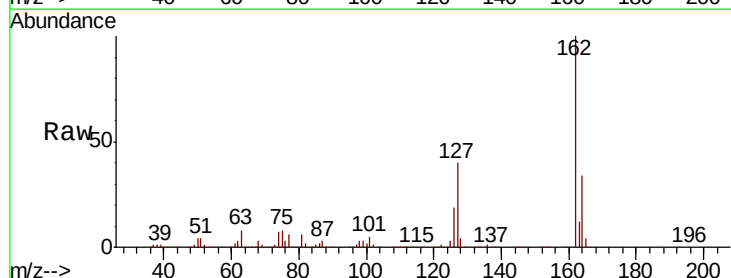
Instrument :
 BNA_F
 ClientSampleId :

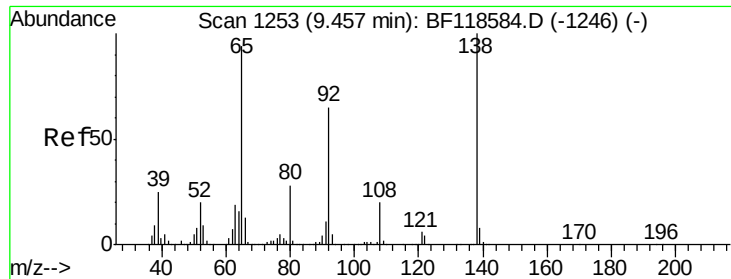
Tot Ion:154 Resp: 1891466
 Ion Ratio Lower Upper
 154 100
 153 42.7 22.3 62.3
 76 12.6 0.0 32.0



#47
 2-Chloronaphthalene
 Concen: 40.945 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:162 Resp: 1538134
 Ion Ratio Lower Upper
 162 100
 127 40.2 32.9 49.3
 164 34.5 27.5 41.3

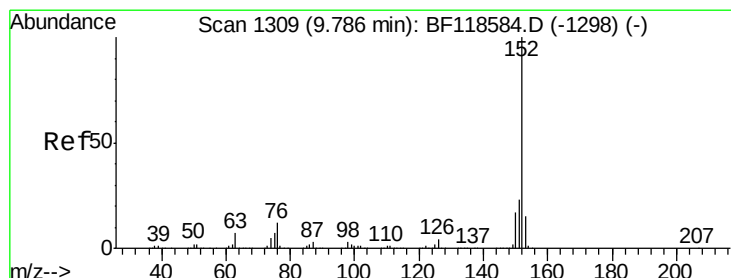
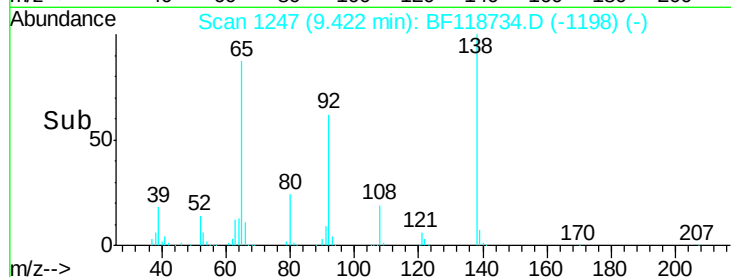
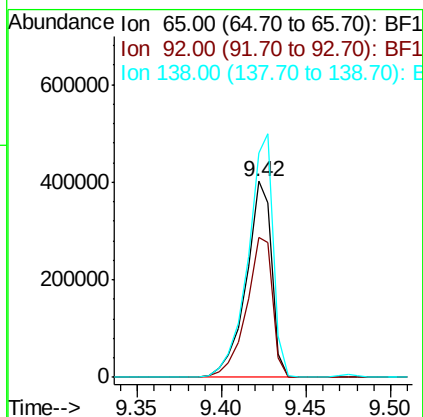
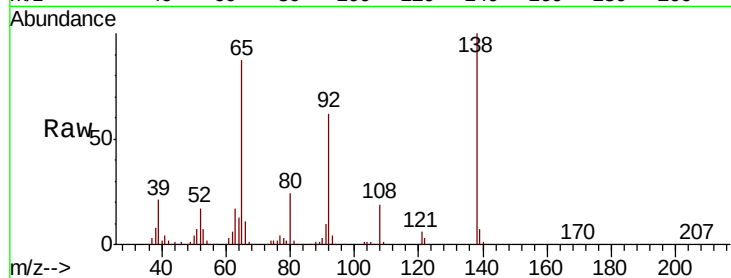




#48
2-Nitroaniline
Concen: 36.814 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

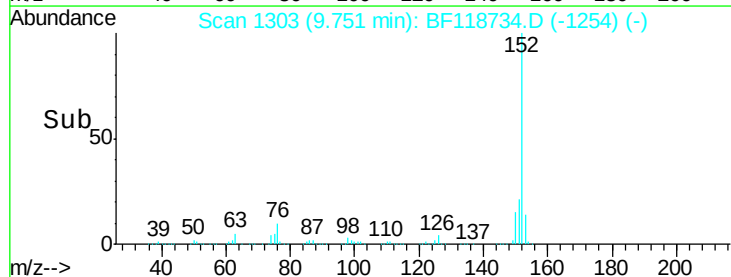
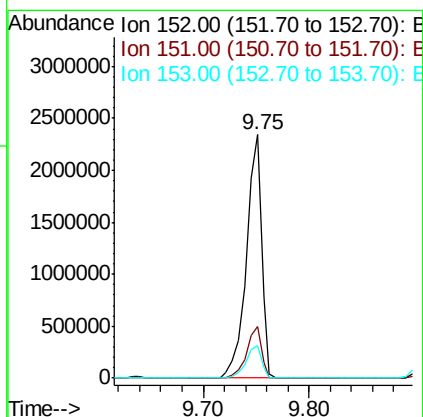
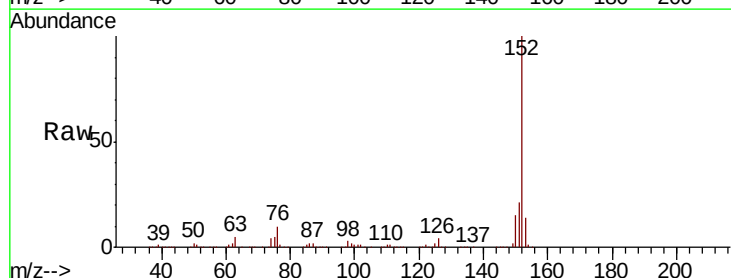
Instrument :
BNA_F
ClientSampleId :

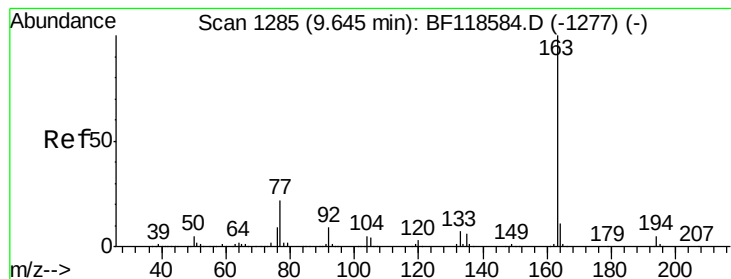
Tot Ion: 65 Resp: 425120
Ion Ratio Lower Upper
65 100
92 71.6 57.8 86.6
138 114.6 95.1 142.7



#49
Acenaphthylene
Concen: 43.846 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion: 152 Resp: 2317166
Ion Ratio Lower Upper
152 100
151 21.4 17.1 25.7
153 13.6 11.0 16.4





#50

Dimethylphthalate

Concen: 42.720 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampled :

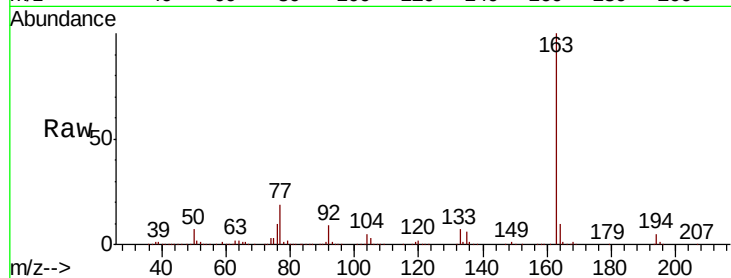
Tot Ion:163 Resp: 1799868

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

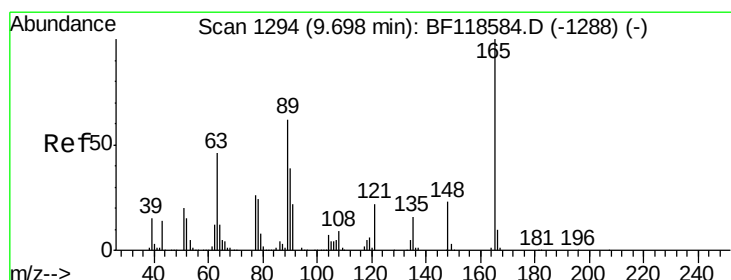
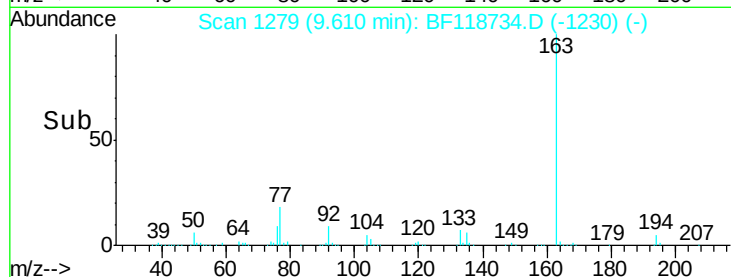
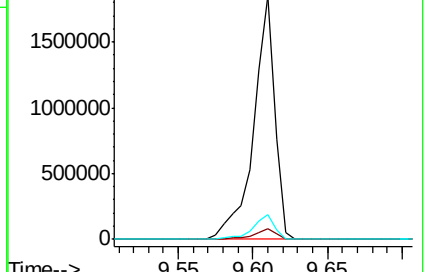
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

2500000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 45.189 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

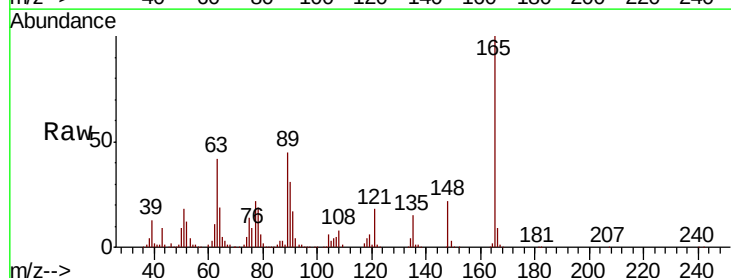
Tgt Ion:165 Resp: 426339

Ion Ratio Lower Upper

165 100

63 41.8 39.8 59.6

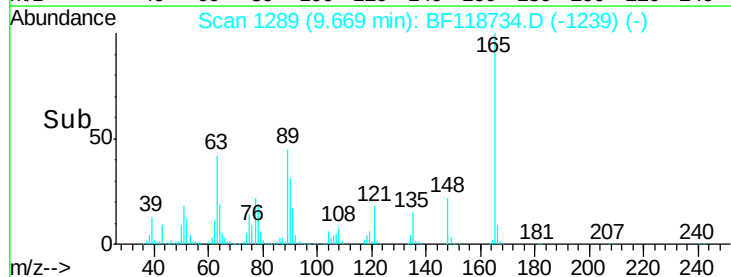
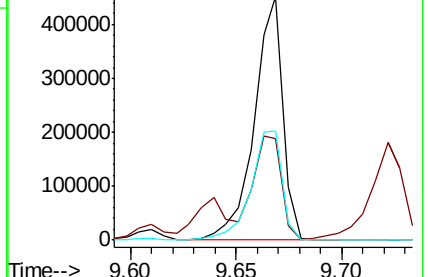
89 44.7 41.4 62.2

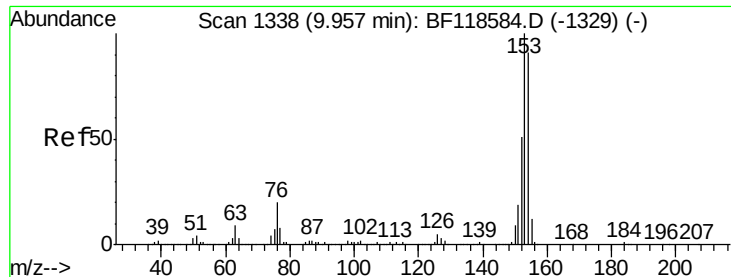


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 44.892 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

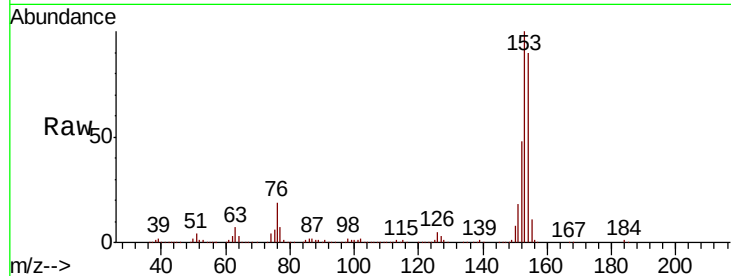
Tot Ion:154 Resp: 1586410

Ion Ratio Lower Upper

154 100

153 111.3 89.1 133.7

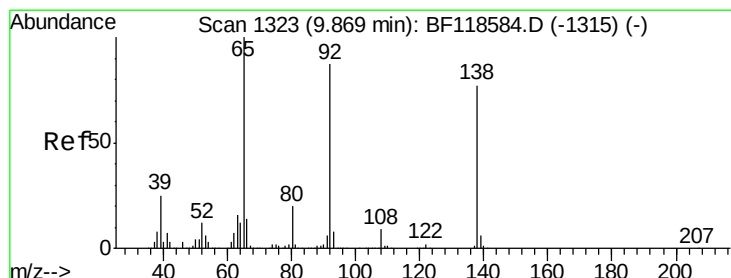
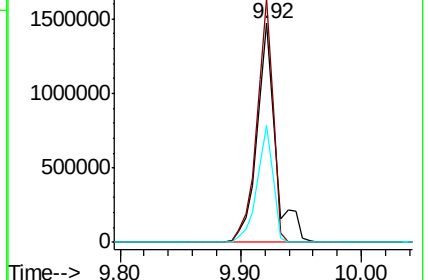
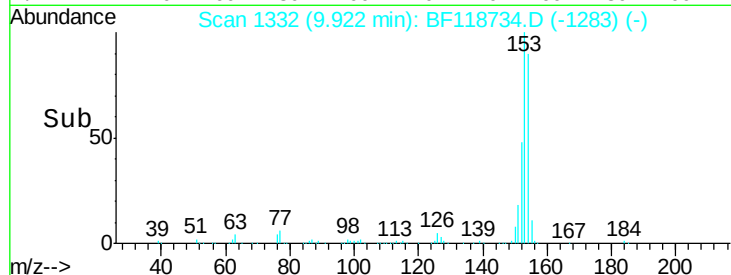
152 53.6 43.0 64.6



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: 25.904 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

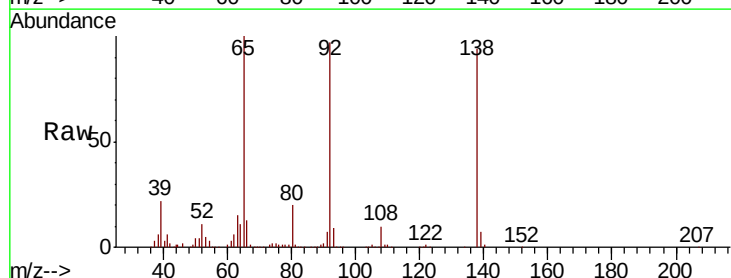
Tgt Ion:138 Resp: 279064

Ion Ratio Lower Upper

138 100

108 10.8 8.8 13.2

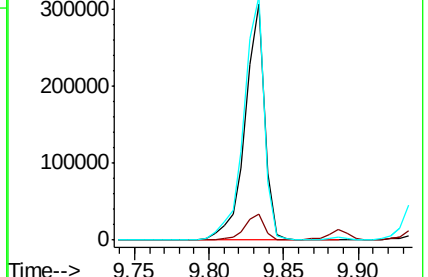
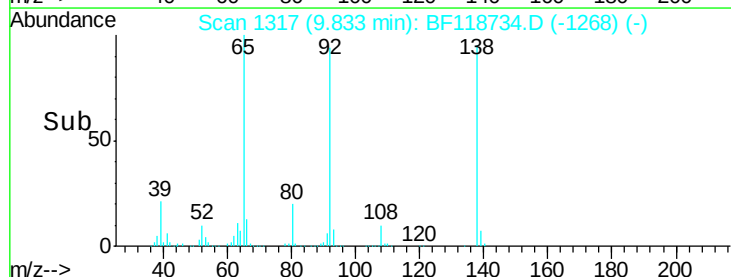
92 103.2 87.8 131.6

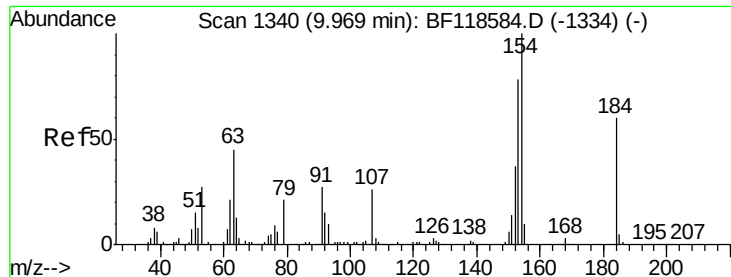


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 101.479 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

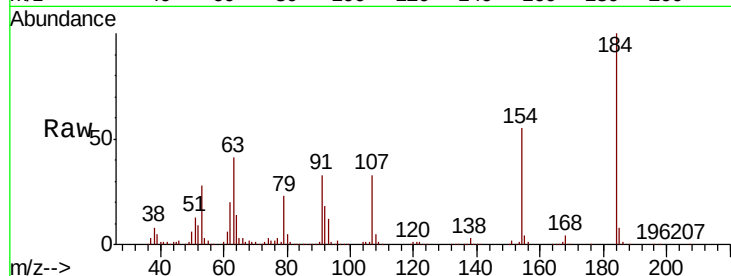
Tot Ion:184 Resp: 382218

Ion Ratio Lower Upper

184 100

63 40.9 36.0 54.0

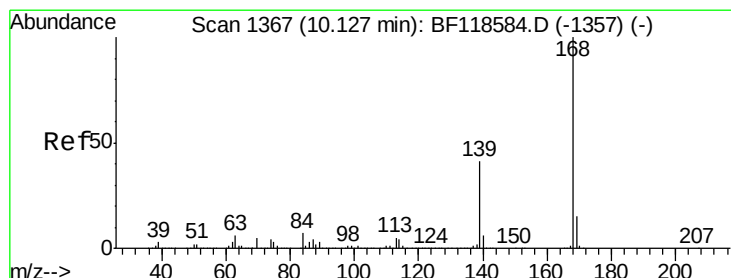
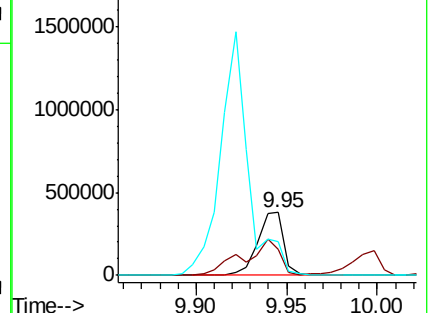
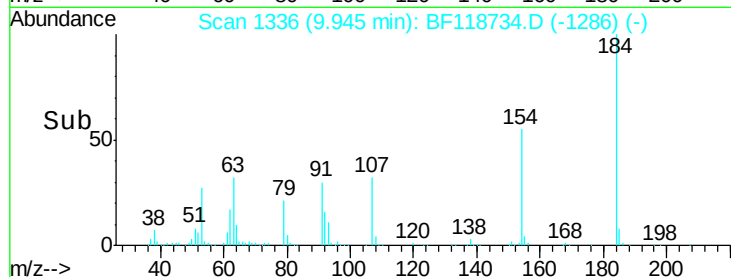
154 54.6 44.6 66.8



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: 43.606 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

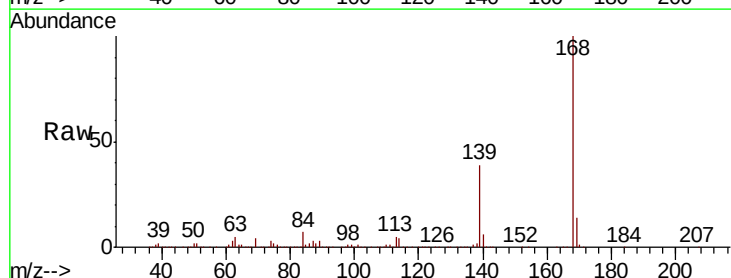
Tgt Ion:168 Resp: 2135447

Ion Ratio Lower Upper

168 100

139 38.9 31.6 47.4

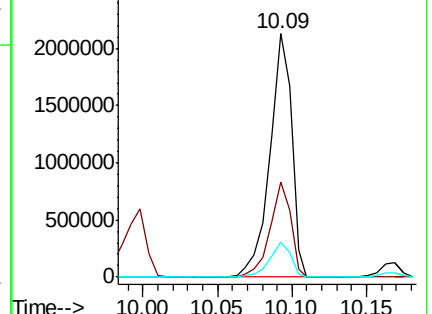
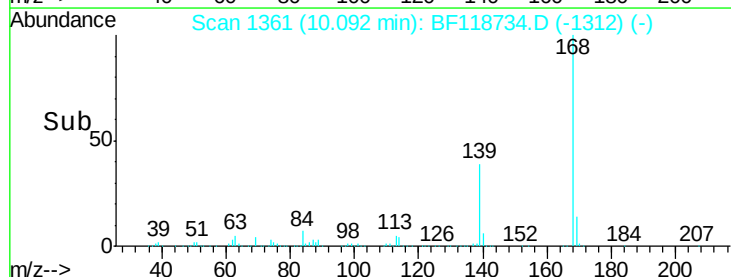
169 14.4 11.4 17.0

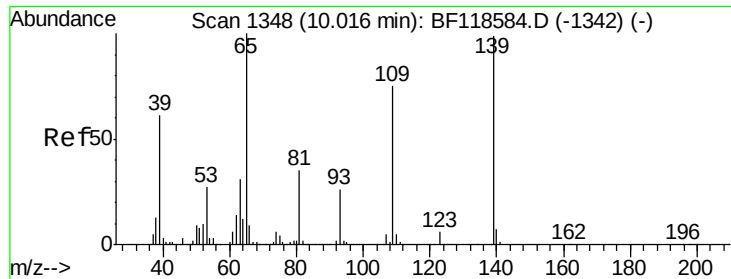


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

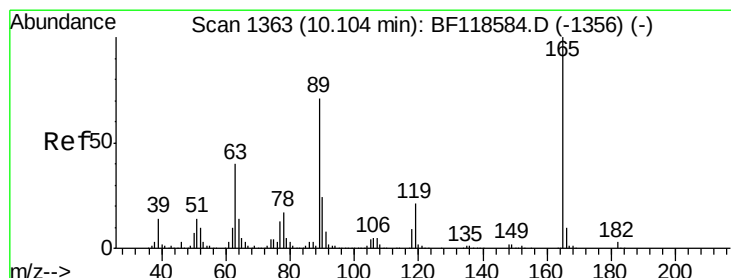
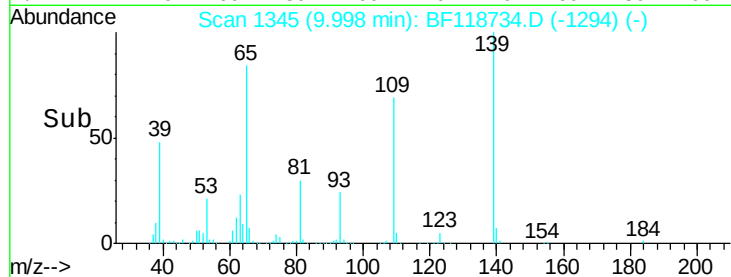
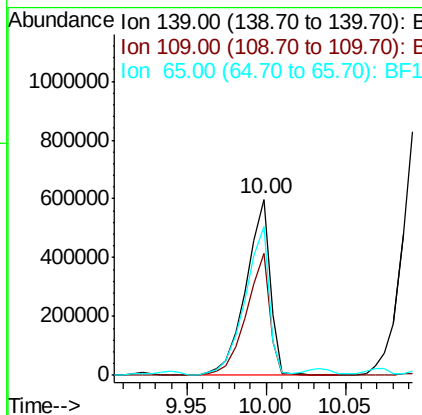
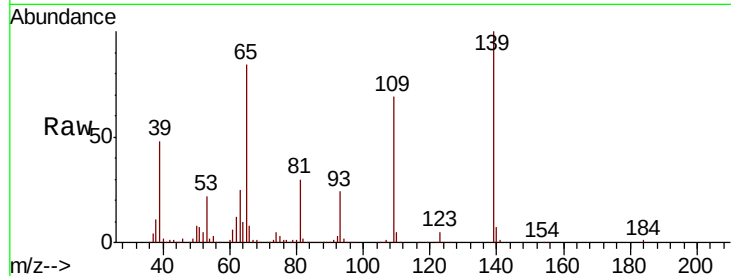




#56
4-Nitrophenol
Concen: 77.986 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

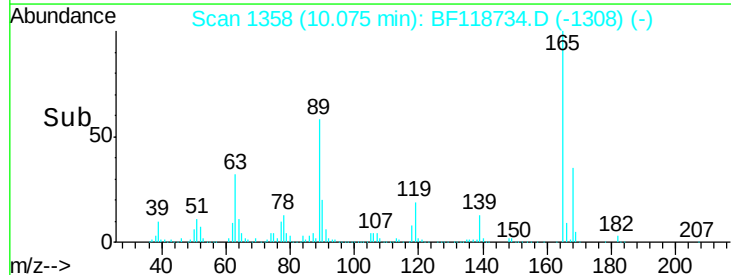
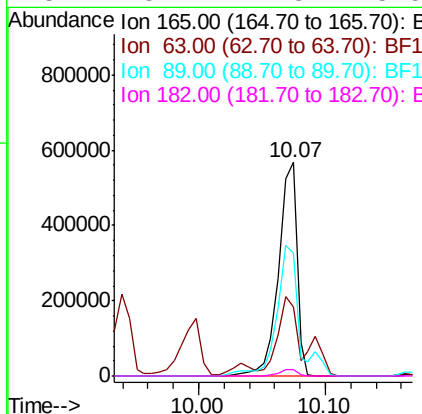
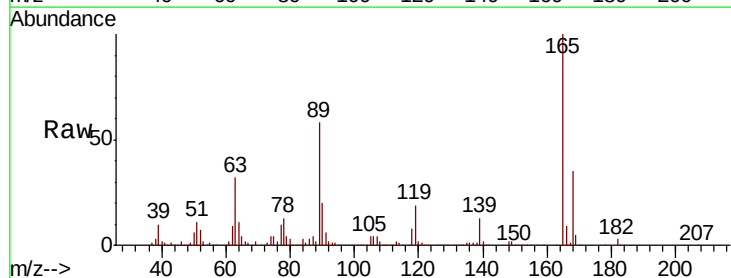
Instrument :
BNA_F
ClientSampled :

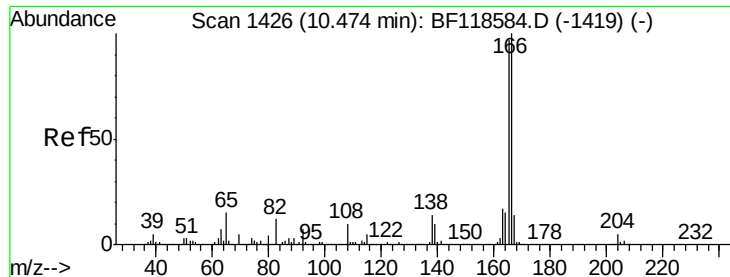
Tot Ion:139 Resp: 634220
Ion Ratio Lower Upper
139 100
109 69.3 47.0 87.0
65 84.4 65.7 105.7



#57
2,4-Dinitrotoluene
Concen: 47.756 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:165 Resp: 567983
Ion Ratio Lower Upper
165 100
63 32.3 28.5 42.7
89 57.6 50.4 75.6
182 3.1 2.3 3.5

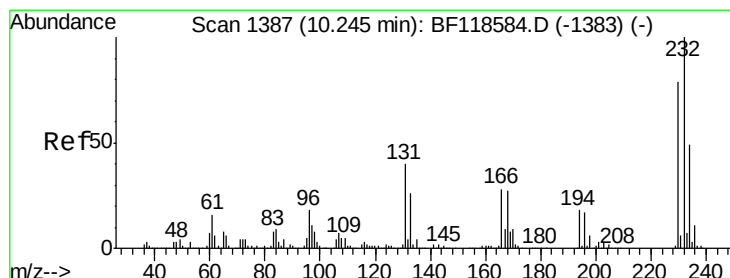
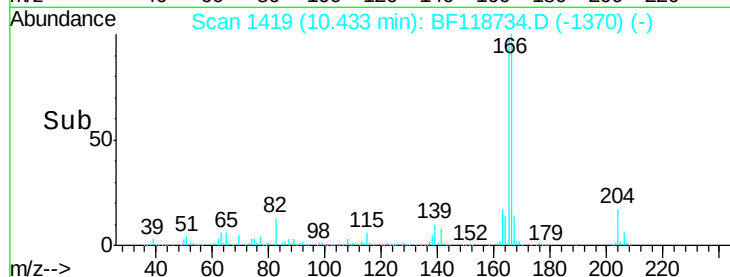
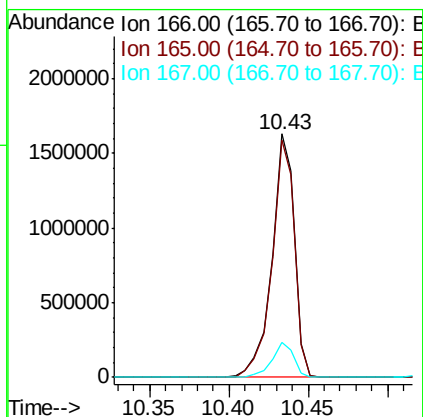
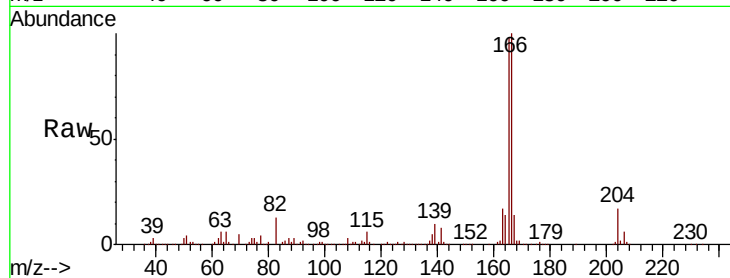




#58
 Fluorene
 Concen: 41.896 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

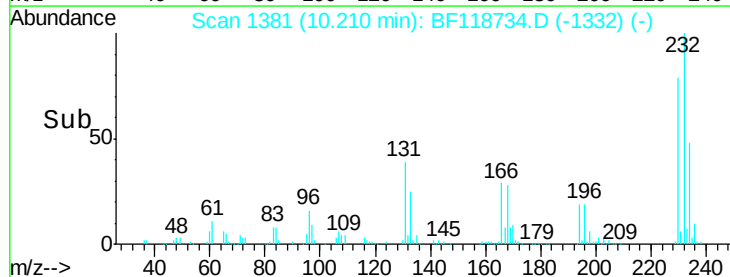
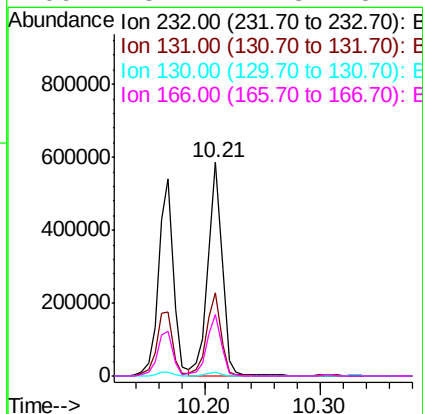
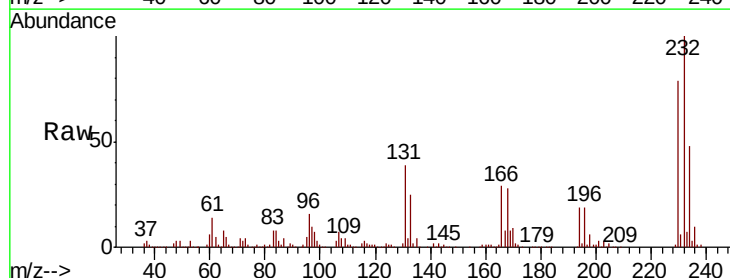
Instrument :
 BNA_F
 ClientSampleId :

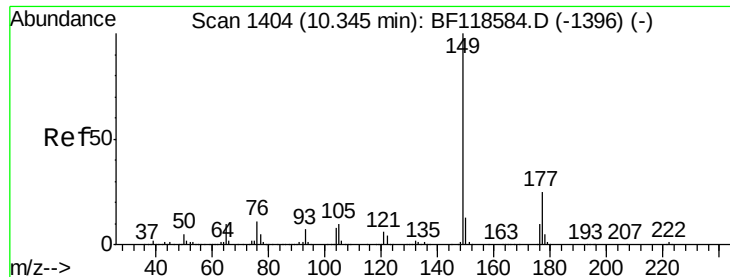
Tot Ion:166 Resp: 1610698
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.6 118.0
 167 14.2 11.4 17.2



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.849 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:232 Resp: 504759
 Ion Ratio Lower Upper
 232 100
 131 39.7 31.8 47.6
 130 2.0 1.5 2.3
 166 28.7 22.8 34.2

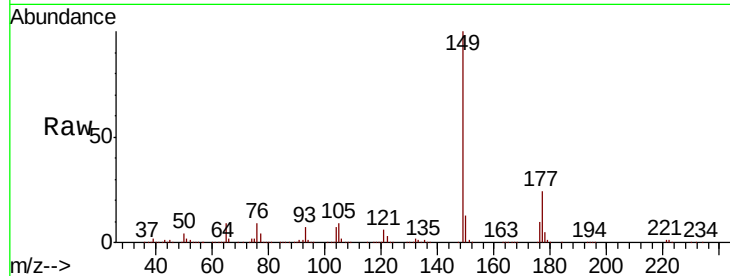




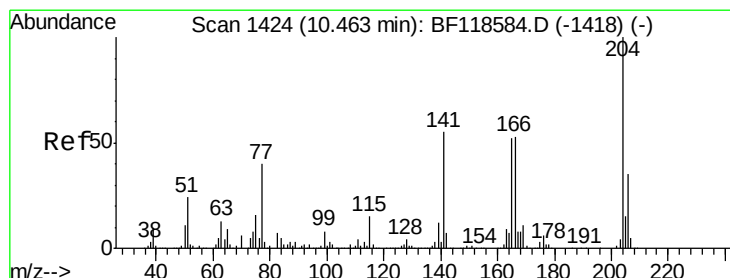
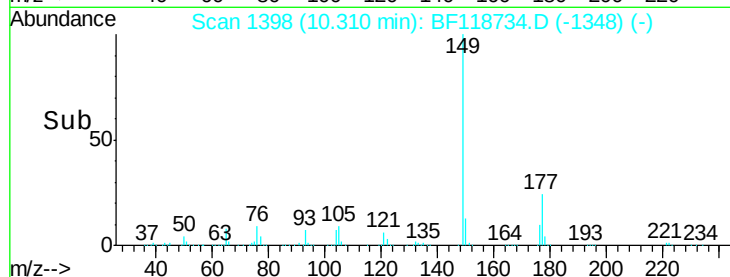
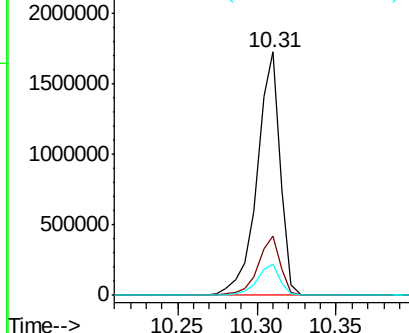
#60
Diethylphthalate
Concen: 42.852 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1750508
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 12.8 10.5 15.7

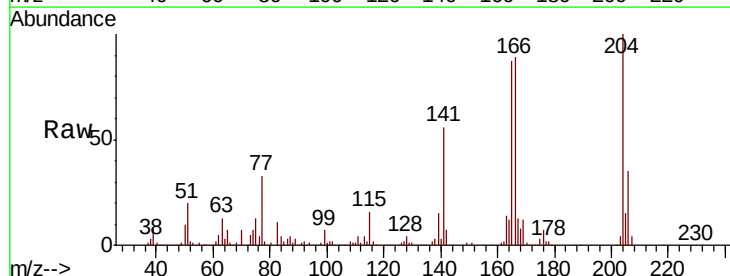


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

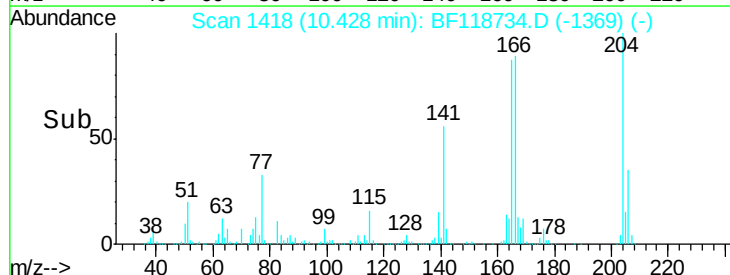
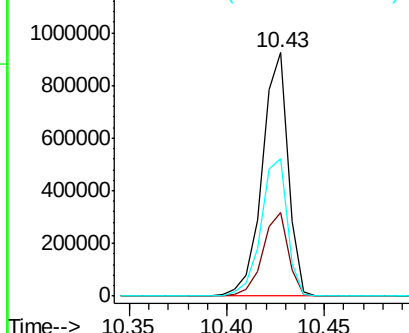


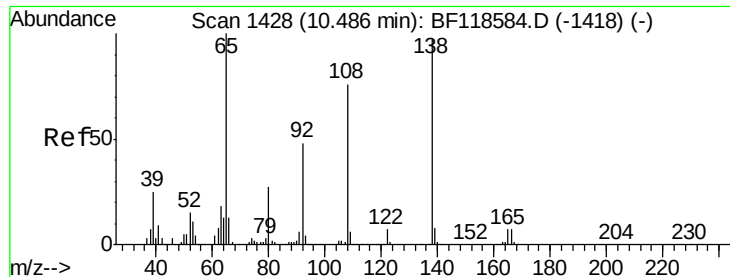
#61
4-Chlorophenyl-phenylether
Concen: 40.622 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:204 Resp: 849380
Ion Ratio Lower Upper
204 100
206 34.6 27.0 40.6
141 56.5 43.9 65.9



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

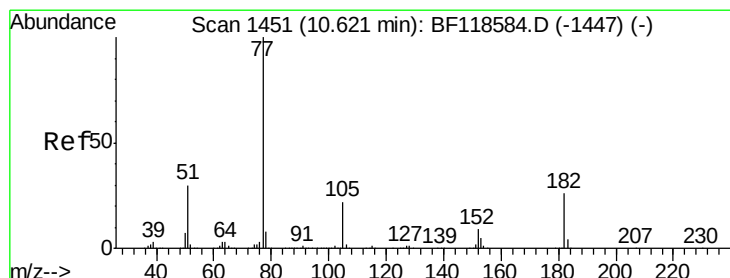
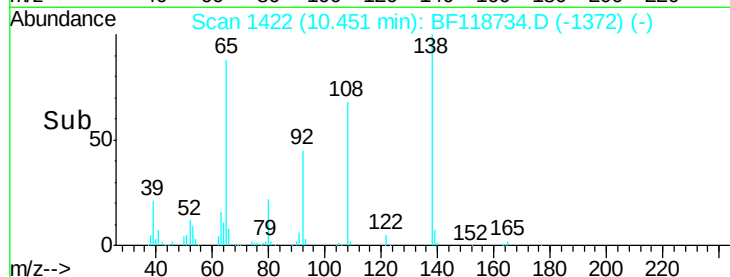
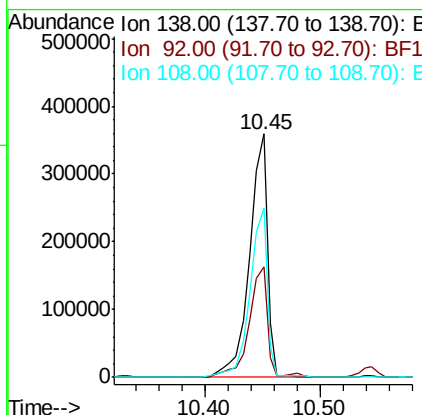
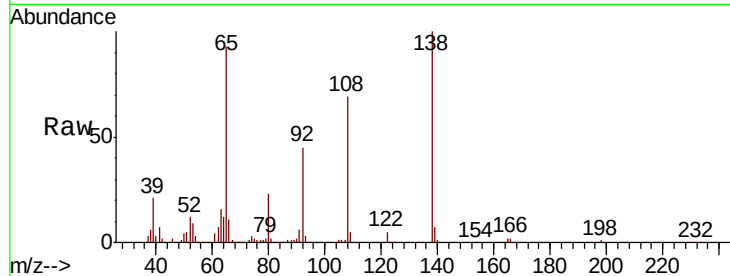




#62
4-Nitroaniline
Concen: 34.982 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

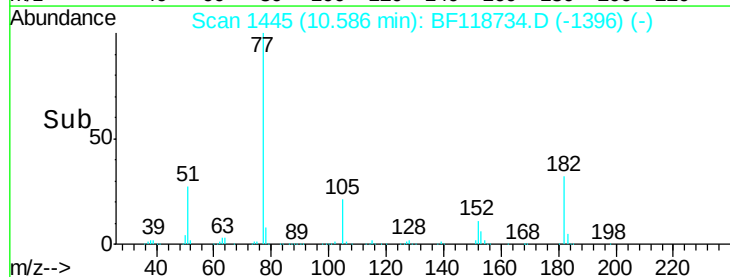
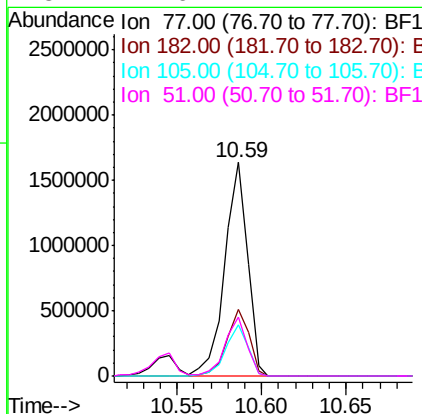
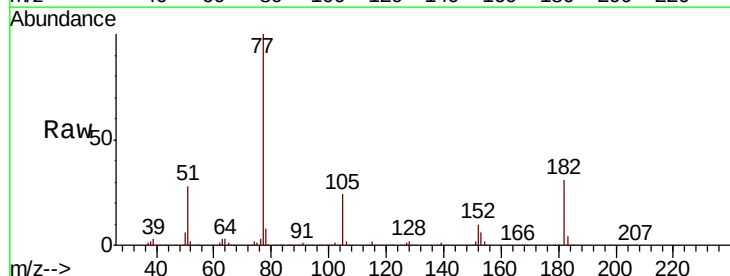
Instrument :
BNA_F
ClientSampled :

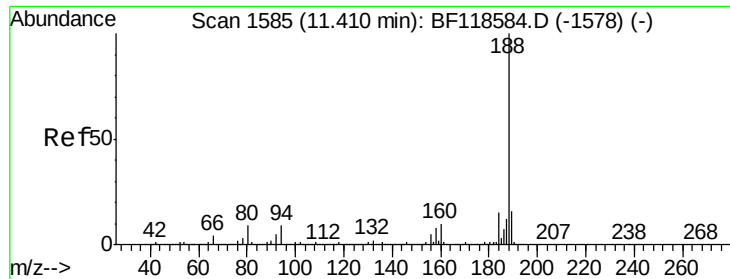
Tot Ion:138 Resp: 386566
Ion Ratio Lower Upper
138 100
92 45.4 29.2 69.2
108 69.5 50.8 90.8



#63
Azobenzene
Concen: 38.601 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion: 77 Resp: 1527124
Ion Ratio Lower Upper
77 100
182 31.2 12.3 52.3
105 24.0 4.0 44.0
51 27.6 7.2 47.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

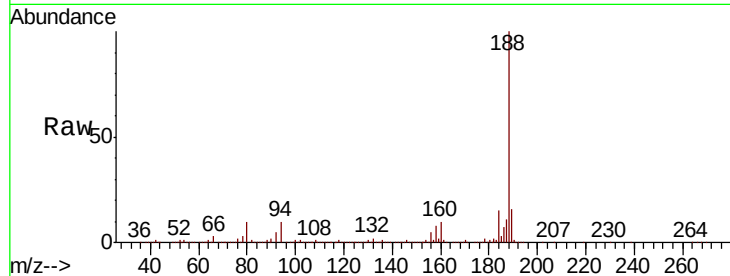
Tot Ion:188 Resp: 1248367

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

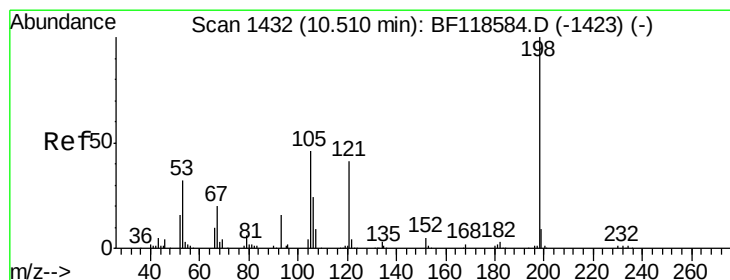
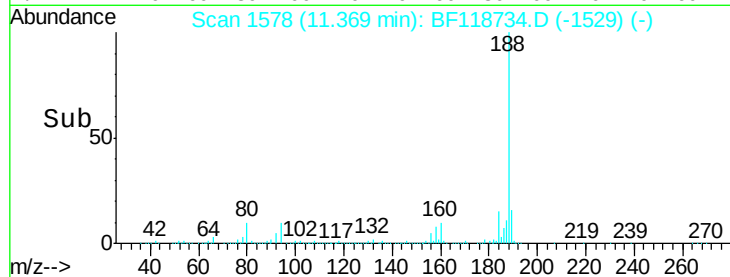
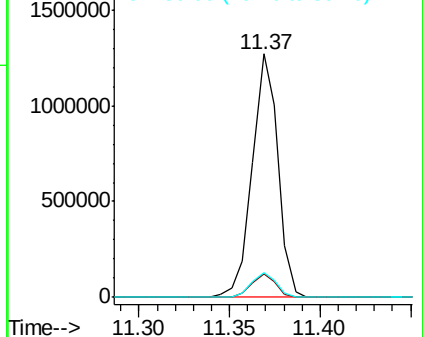
80 10.4 7.8 11.8



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: 51.724 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

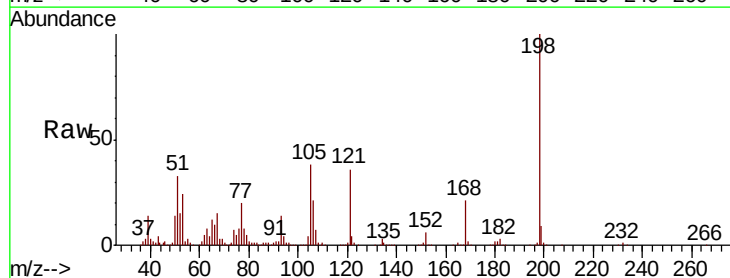
Tgt Ion:198 Resp: 283931

Ion Ratio Lower Upper

198 100

51 33.5 9.6 49.6

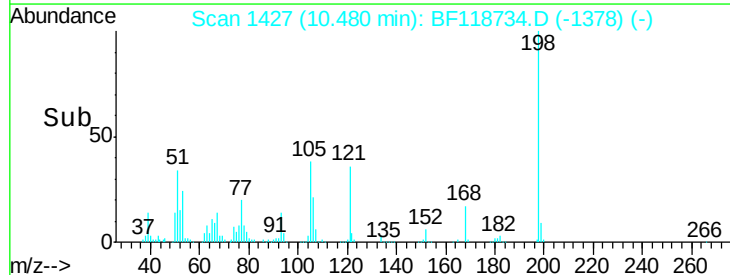
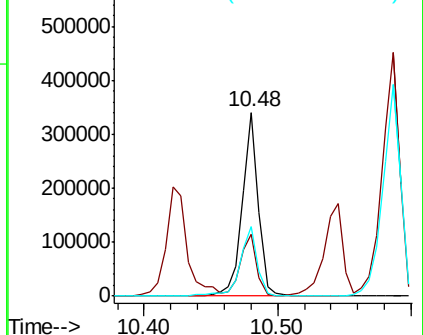
105 37.9 15.5 55.5

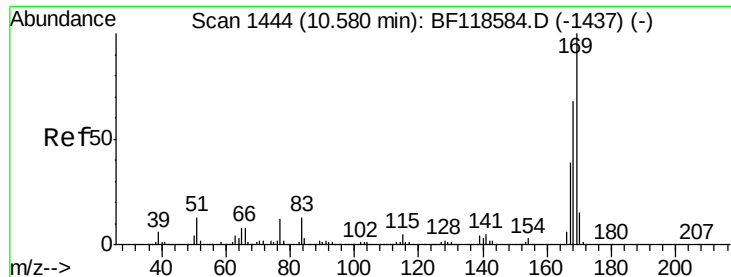


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

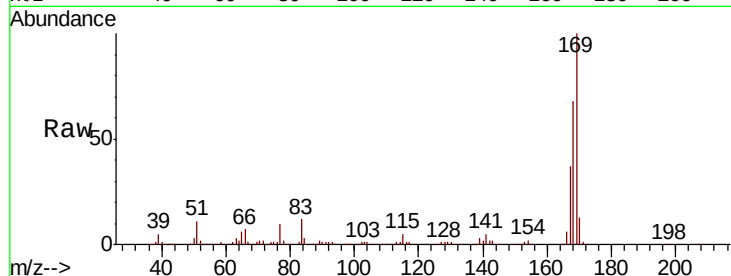




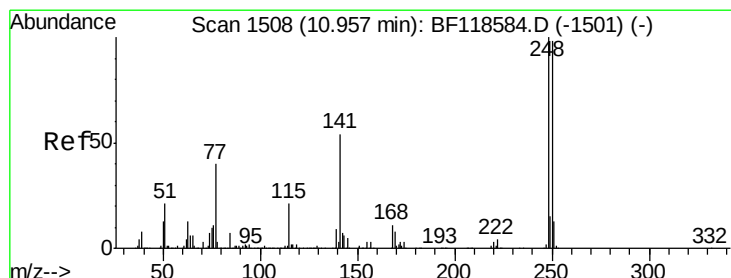
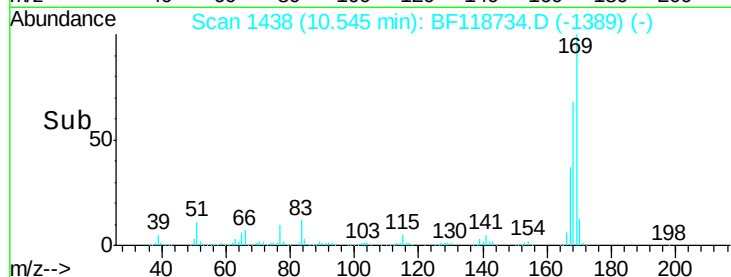
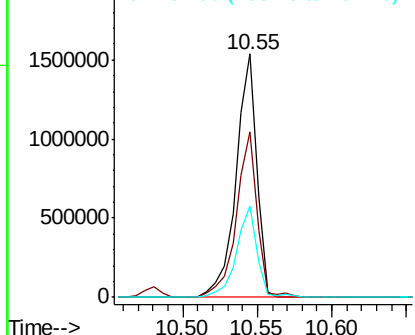
#66
 n-Nitrosodiphenylamine
 Concen: 39.727 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1495648
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.4 80.0
 167 37.3 29.2 43.8

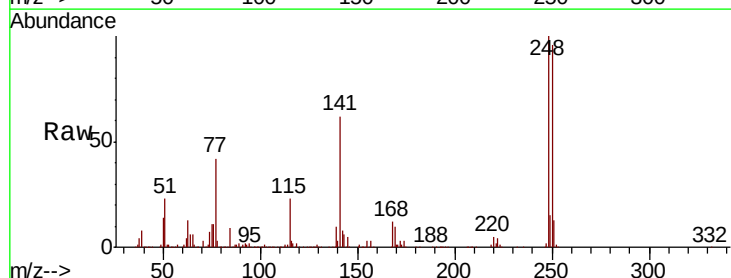


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

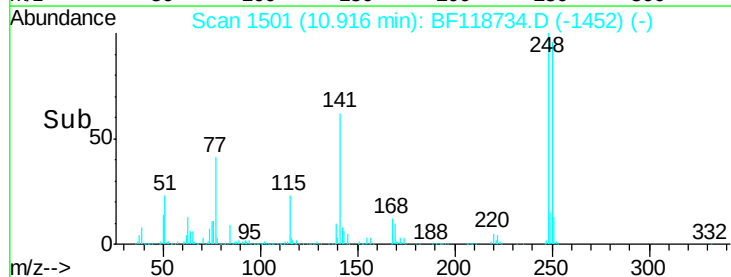
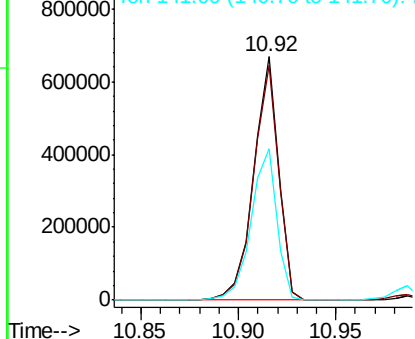


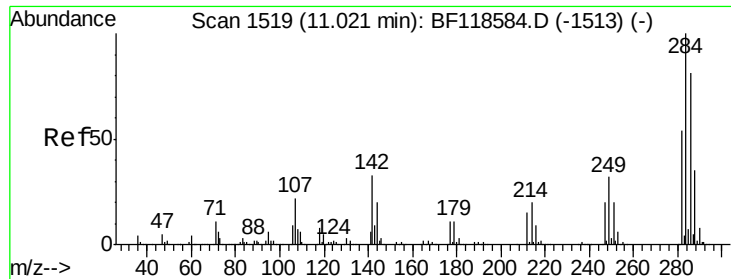
#67
 4-Bromophenyl-phenylether
 Concen: 38.283 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:248 Resp: 590437
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.7 118.1
 141 62.4 48.4 72.6



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

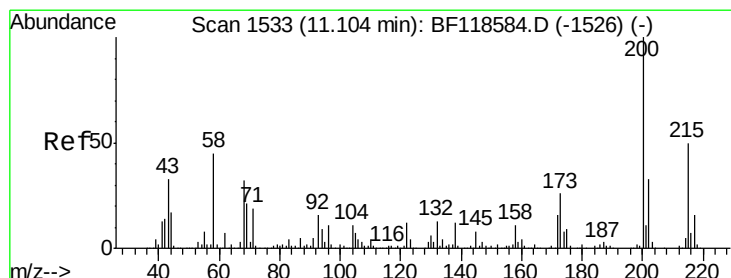
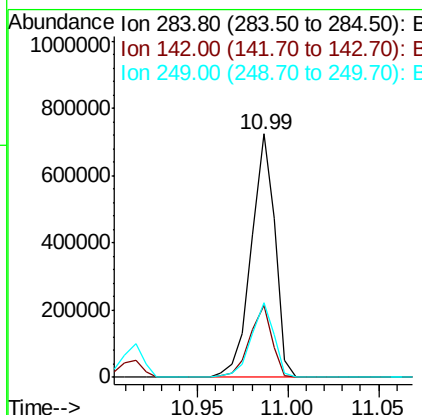
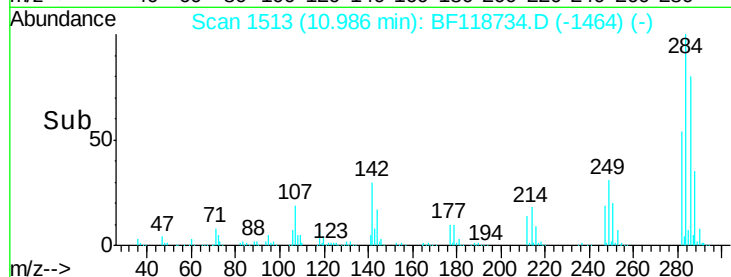
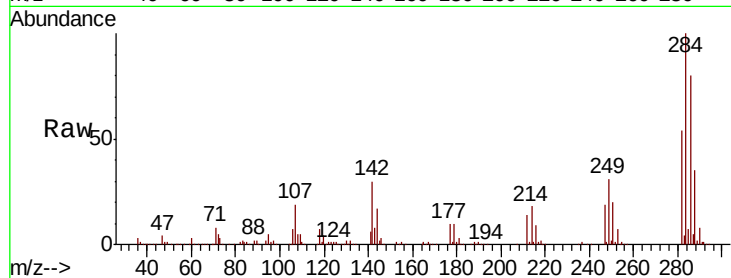




#68
Hexachlorobenzene
Concen: 37.526 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

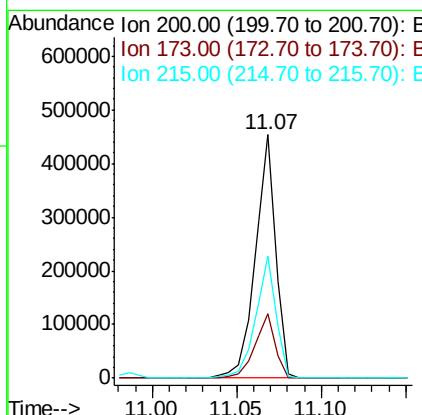
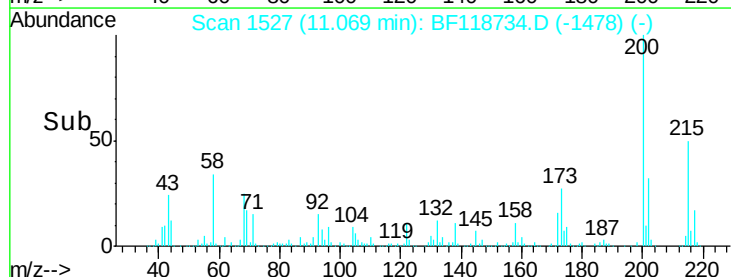
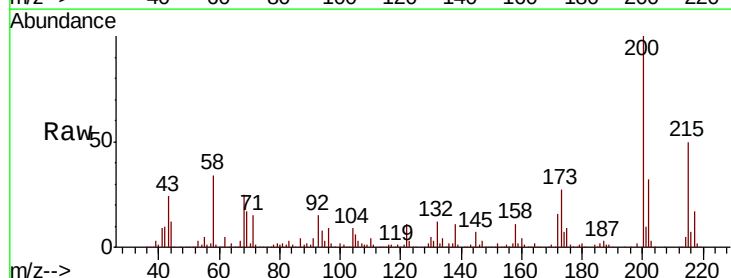
Instrument :
BNA_F
ClientSampled :

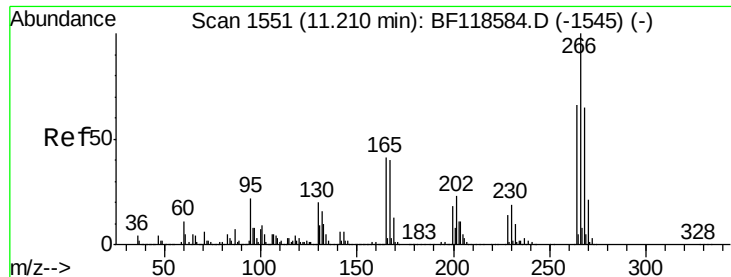
Tot Ion:284 Resp: 656167
Ion Ratio Lower Upper
284 100
142 29.7 23.1 34.7
249 30.9 24.0 36.0



#69
Atrazine
Concen: 29.430 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:200 Resp: 384029
Ion Ratio Lower Upper
200 100
173 26.5 6.8 46.8
215 50.3 30.4 70.4

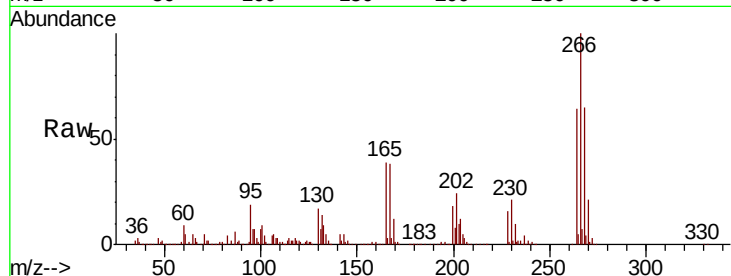




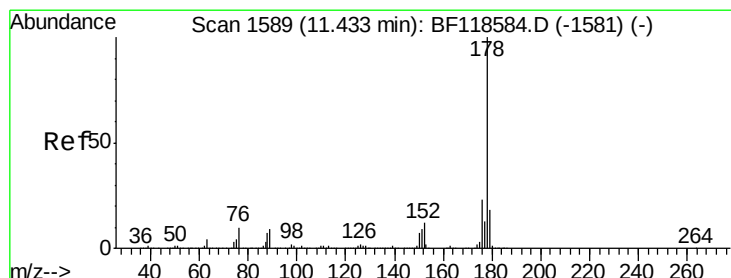
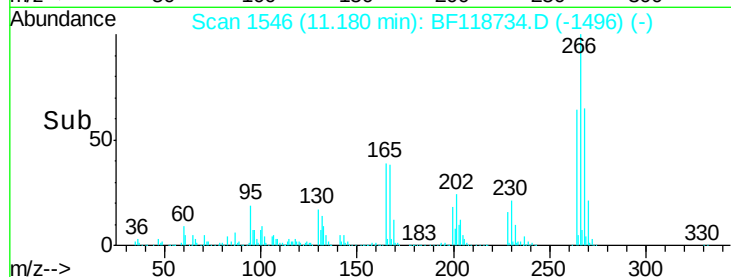
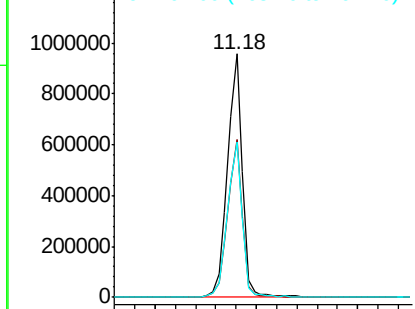
#70
 Pentachlorophenol
 Concen: 101.370 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 985502
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.6 77.4
 264 63.8 50.9 76.3

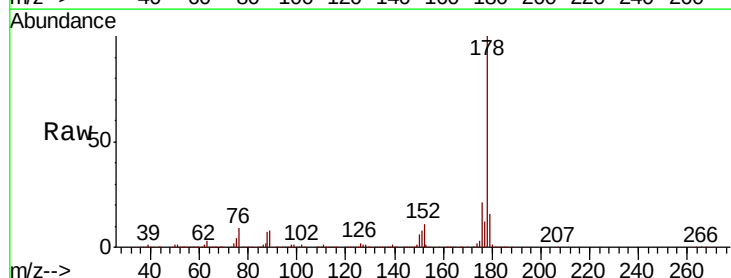


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

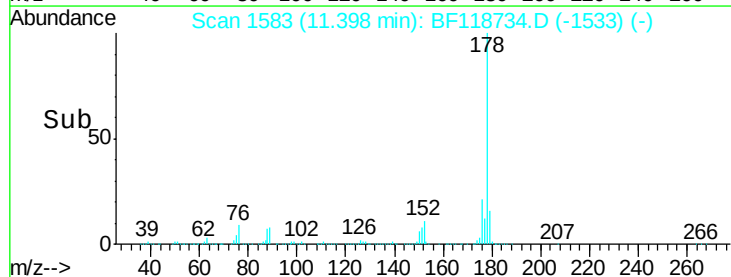
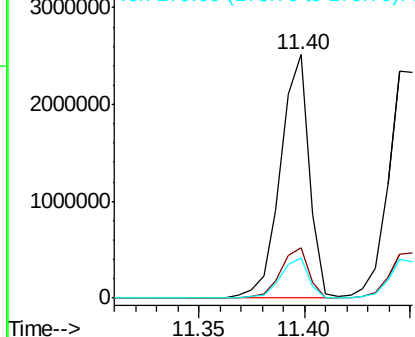


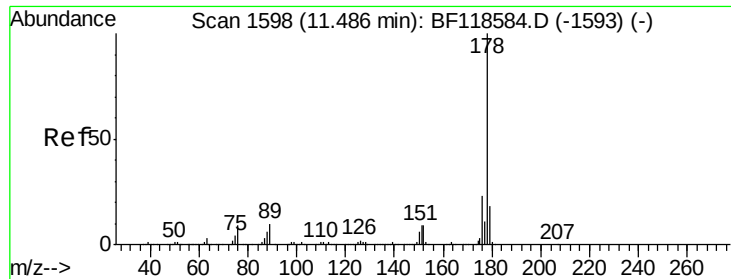
#71
 Phenanthrene
 Concen: 39.859 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:178 Resp: 2400553
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.5 24.7
 179 16.4 13.3 19.9



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

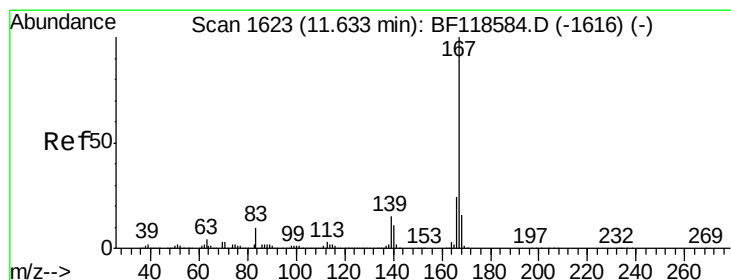
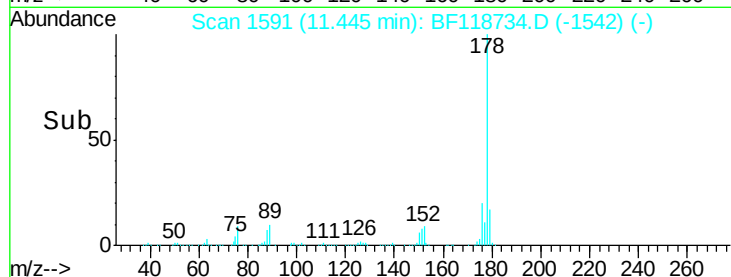
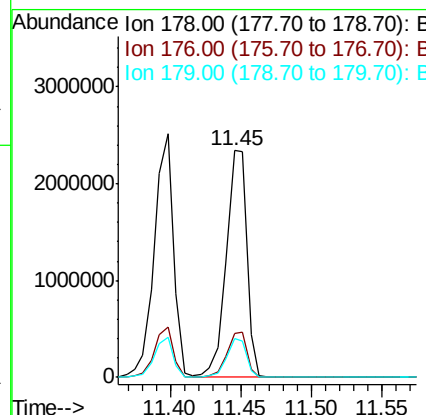
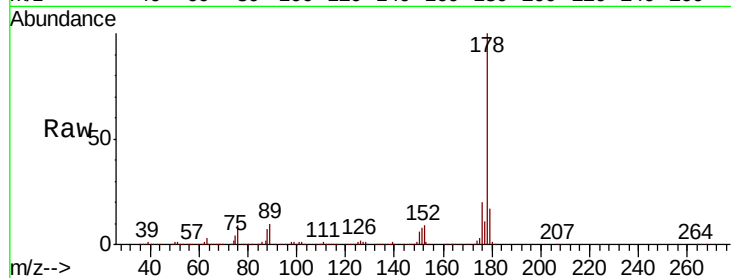




#72
 Anthracene
 Concen: 40.058 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

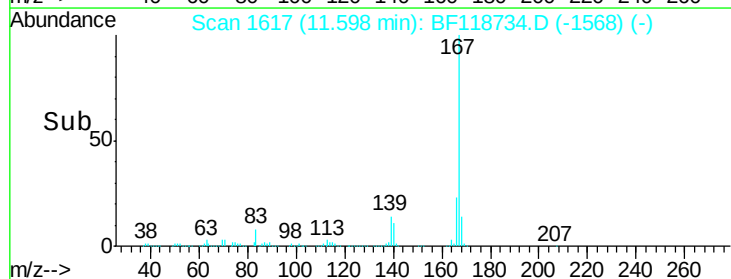
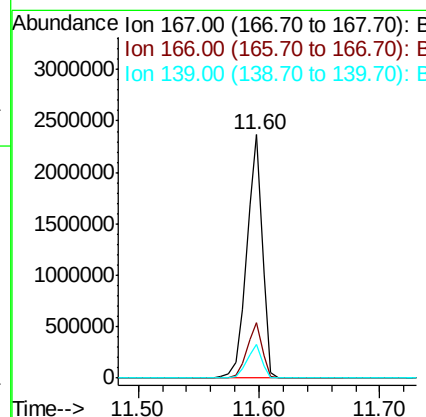
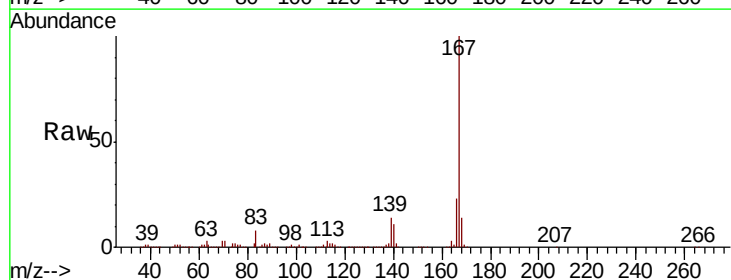
Instrument :
 BNA_F
 ClientSampleId :

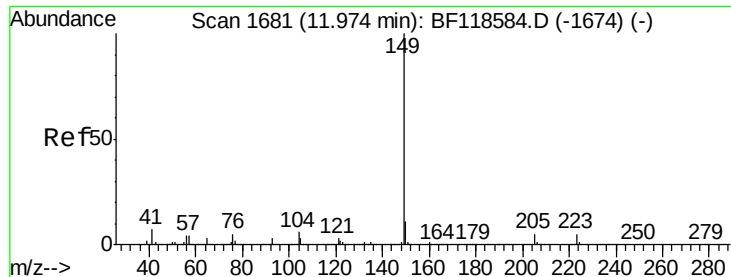
Tot Ion:178 Resp: 2387171
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.9 13.3 19.9



#73
 Carbazole
 Concen: 38.854 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:167 Resp: 2123820
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.3 27.5
 139 13.7 11.0 16.4





#74

Di-n-butylphthalate

Concen: 41.797 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

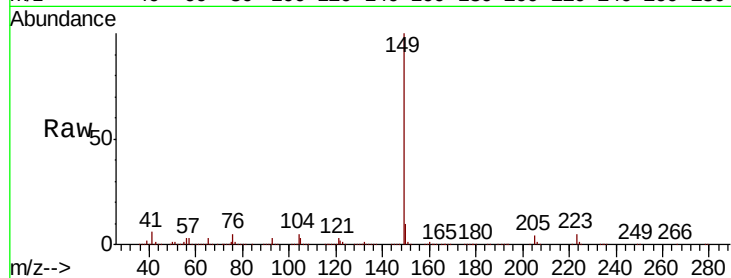
Tot Ion:149 Resp: 2538356

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

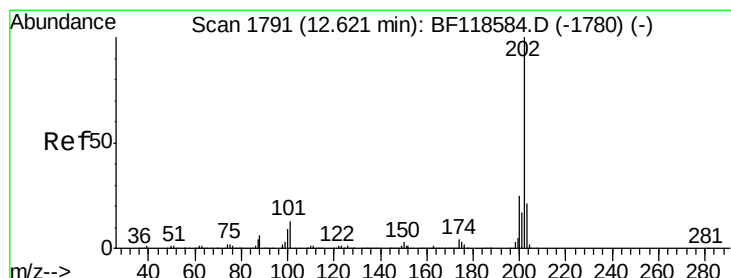
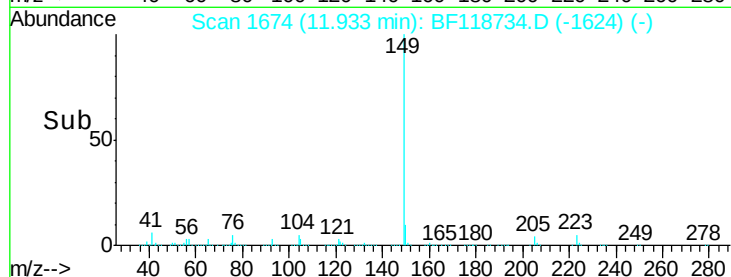
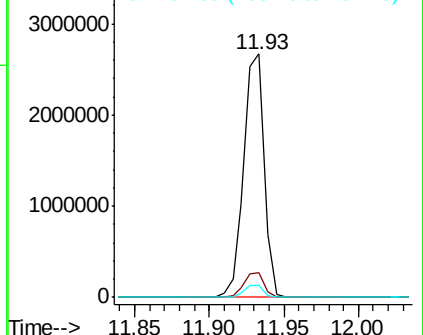
104 4.9 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 39.753 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

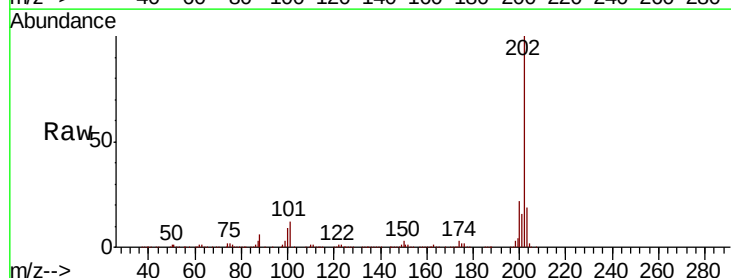
Tgt Ion:202 Resp: 2525150

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.1

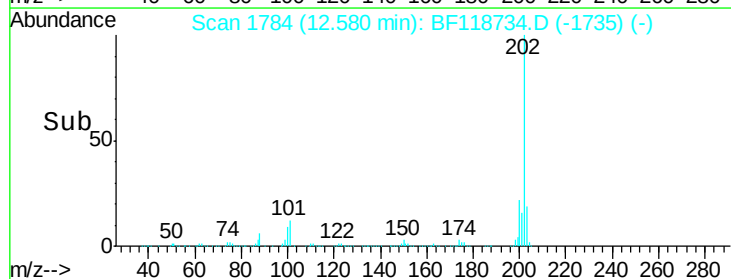
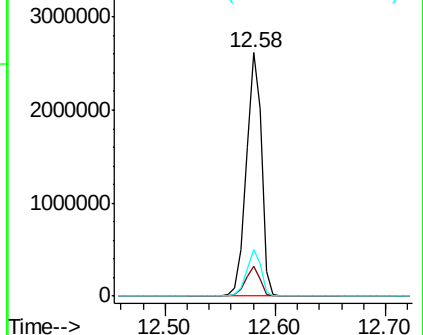
203 19.1 0.0 38.9

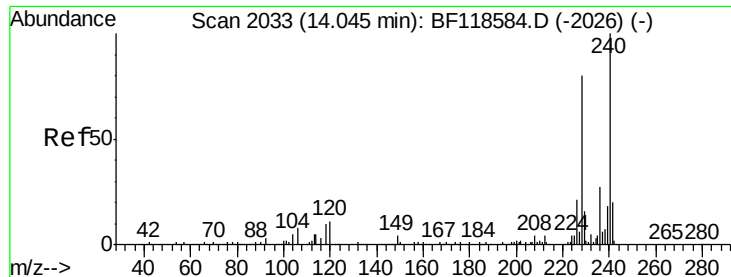


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

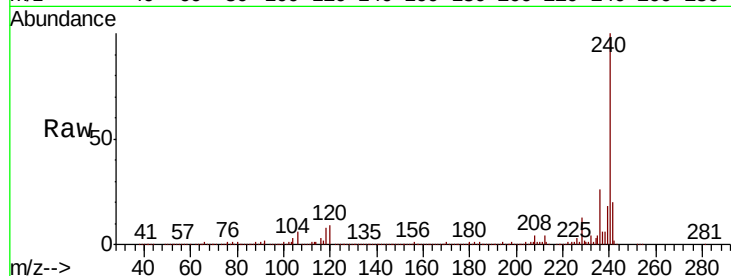




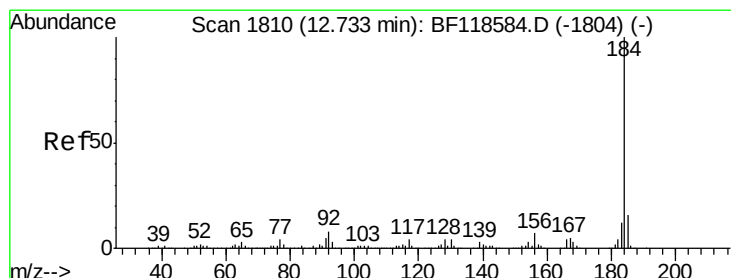
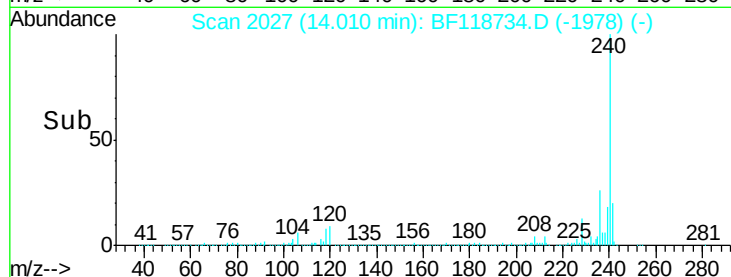
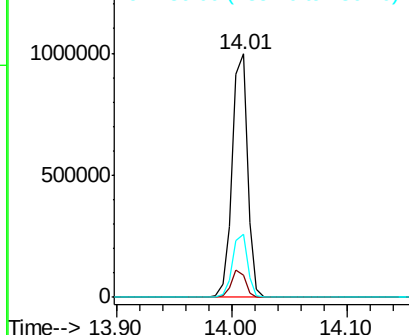
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 921970
 Ion Ratio Lower Upper
 240 100
 120 9.0 7.6 11.4
 236 25.8 21.0 31.4

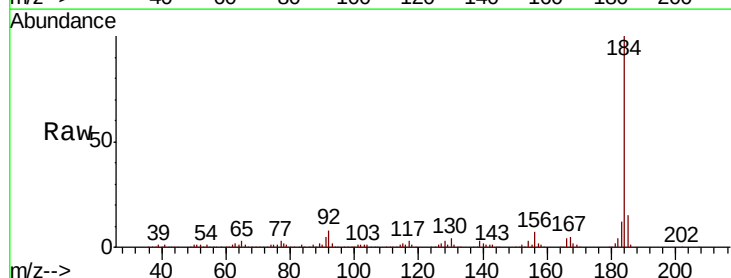


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

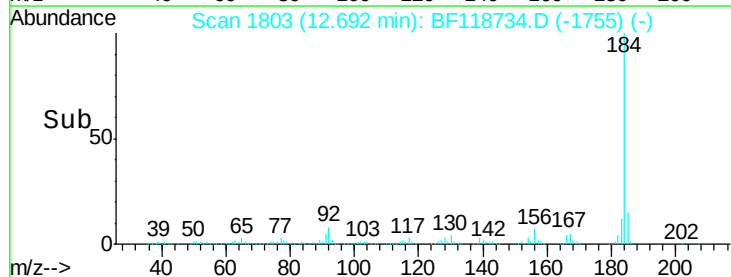
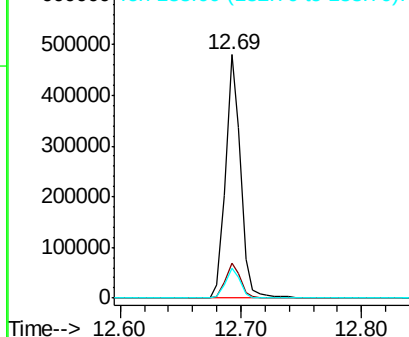


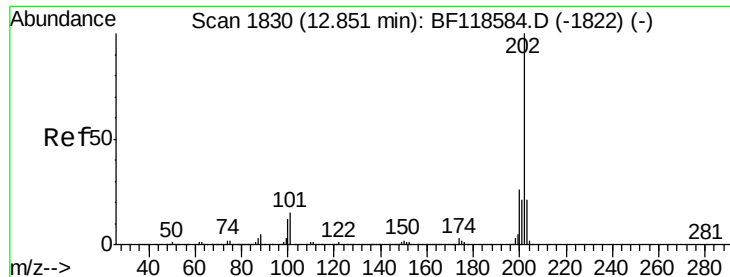
#77
 Benzidine
 Concen: 16.854 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:184 Resp: 415196
 Ion Ratio Lower Upper
 184 100
 185 14.6 11.8 17.8
 183 12.2 9.7 14.5



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

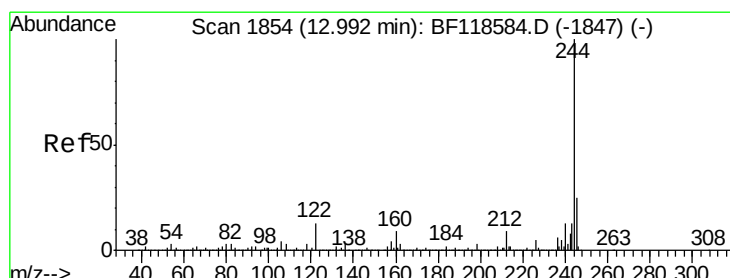
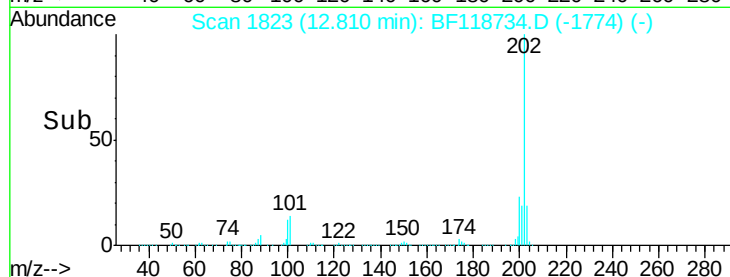
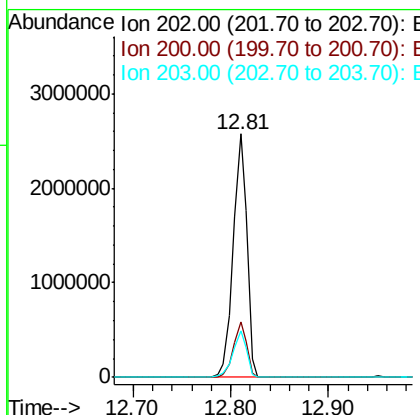
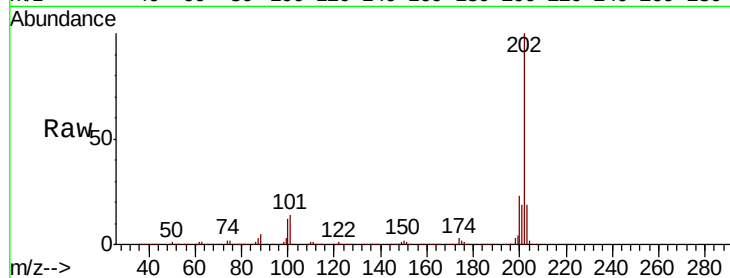




#78
Pvrene
Concen: 39.908 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

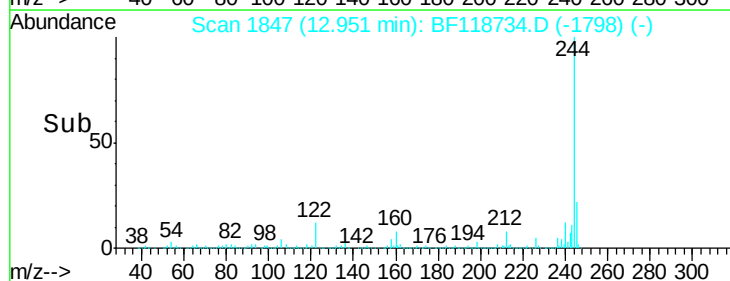
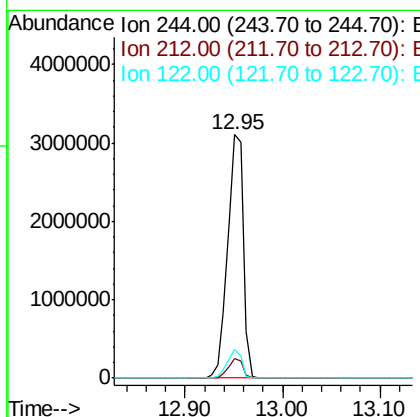
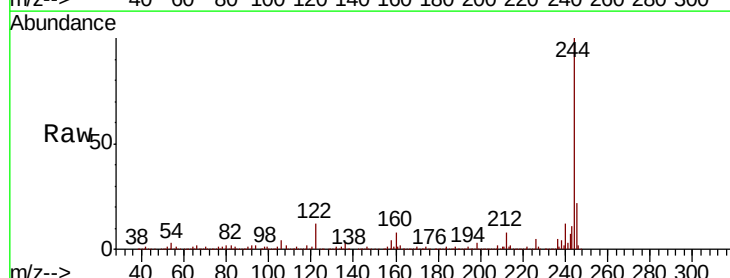
Instrument :
BNA_F
ClientSampleId :

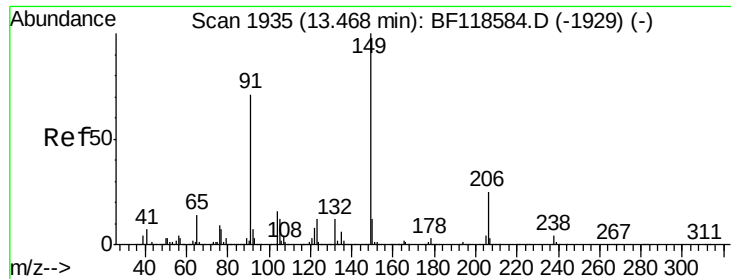
Tot Ion:202 Resp: 2498000
Ion Ratio Lower Upper
202 100
200 22.9 18.1 27.1
203 19.1 15.2 22.8



#79
Terphenyl-d14
Concen: 81.993 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:244 Resp: 3465923
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 11.7 9.2 13.8

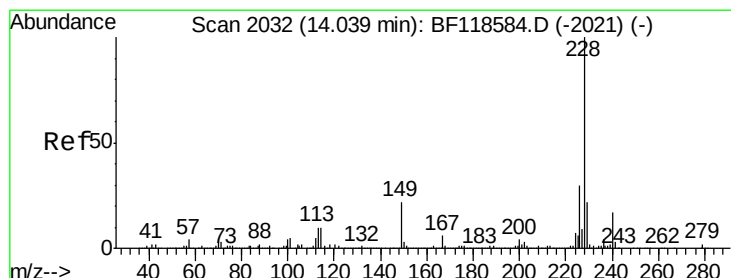
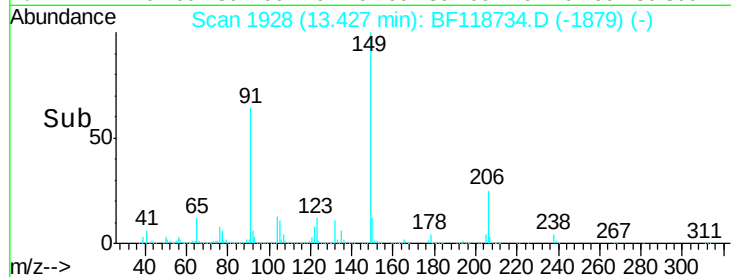
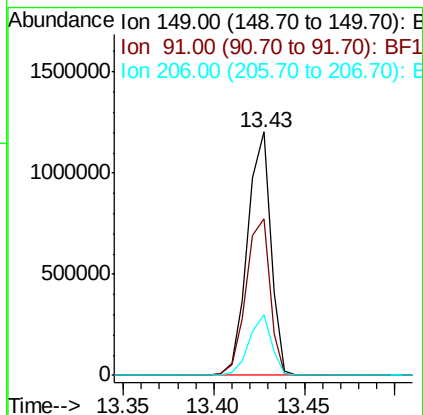
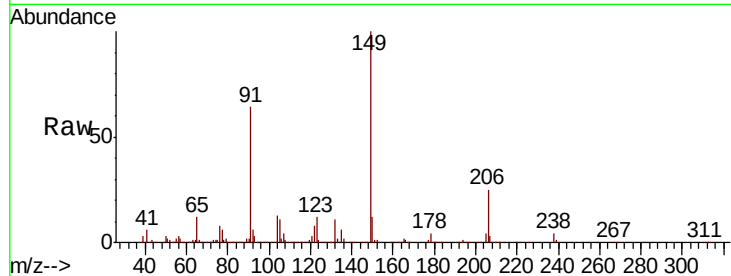




#80
Butylbenzylphthalate
Concen: 42.044 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

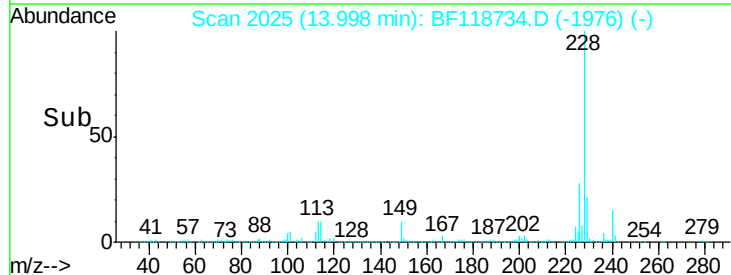
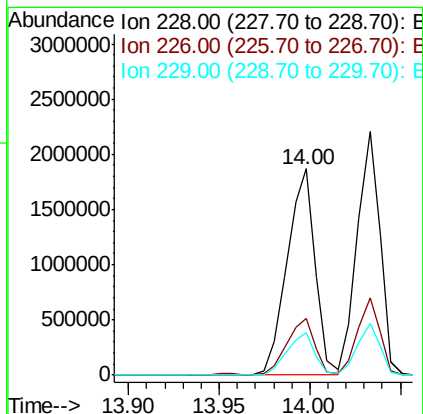
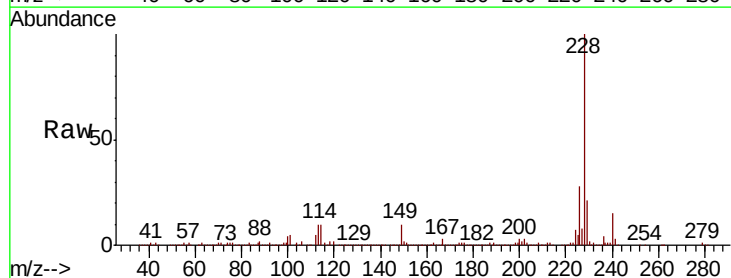
Instrument :
BNA_F
ClientSampleId :

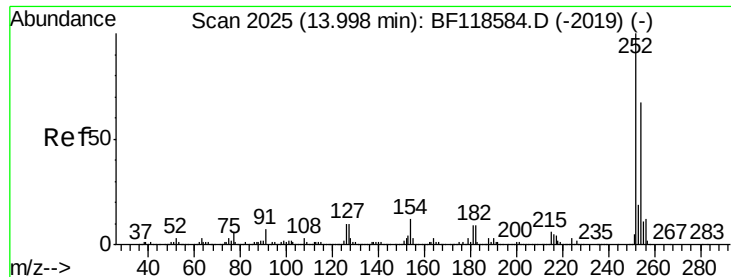
Tot Ion:149 Resp: 1077056
Ion Ratio Lower Upper
149 100
91 64.5 49.6 74.4
206 24.7 19.9 29.9



#81
Benzo(a)anthracene
Concen: 36.626 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:228 Resp: 2031337
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 20.6 16.6 25.0

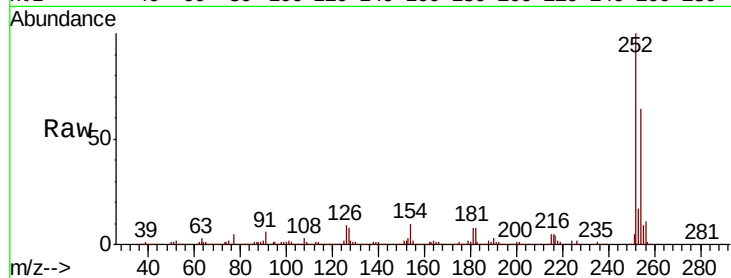




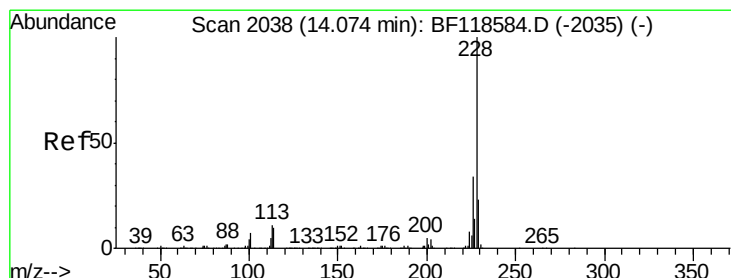
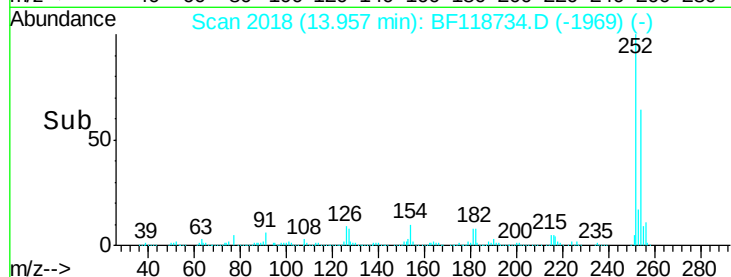
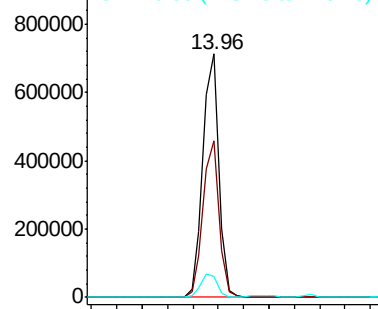
#82
 3,3'-Dichlorobenzidine
 Concen: 31.568 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 623871
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.6 78.8
 126 8.6 8.1 12.1

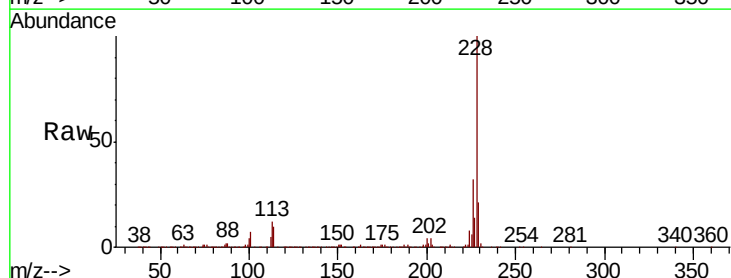


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

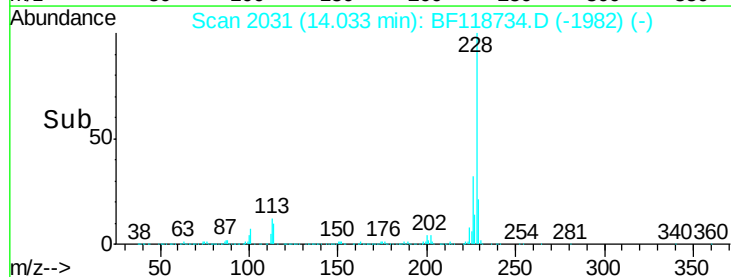
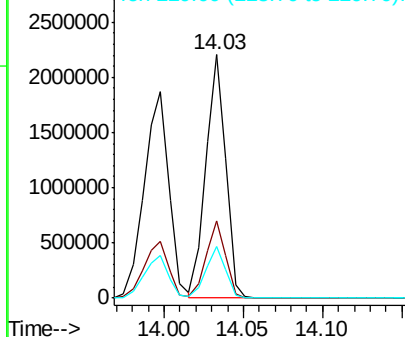


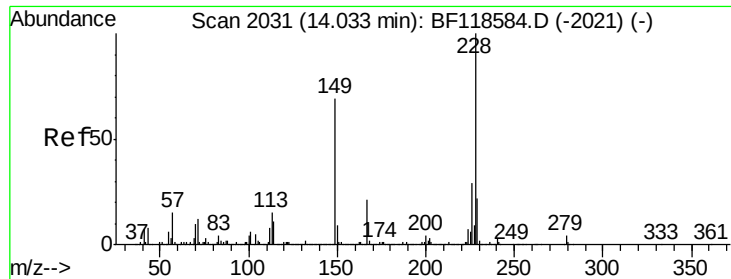
#83
 Chrysene
 Concen: 36.495 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:228 Resp: 1939889
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.6 38.4
 229 21.0 17.1 25.7



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: 44.615 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

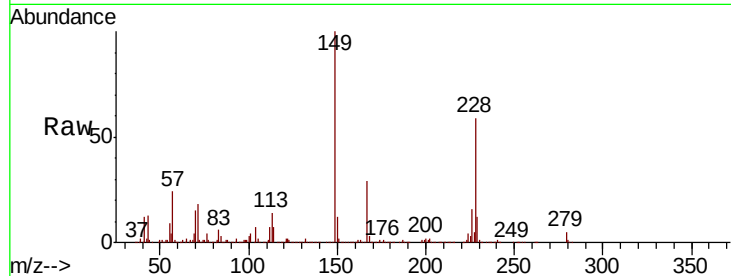
Tot Ion:149 Resp: 1396333

Ion Ratio Lower Upper

149 100

167 28.5 23.6 35.4

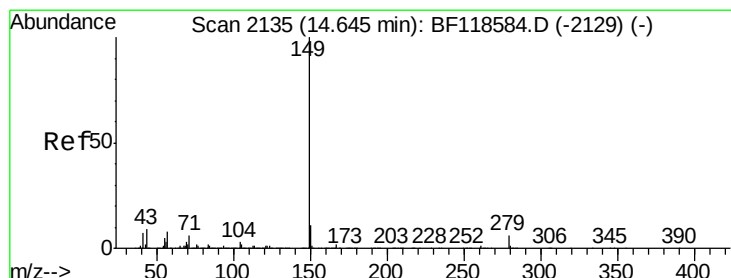
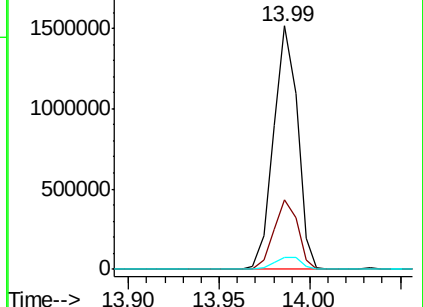
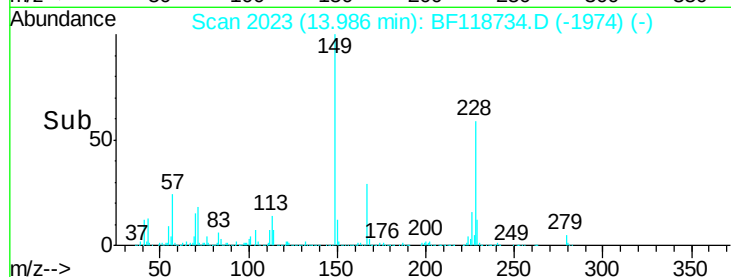
279 5.1 4.5 6.7



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: 47.929 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

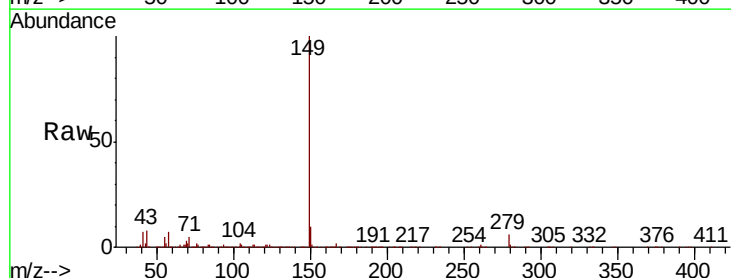
Tgt Ion:149 Resp: 2220338

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

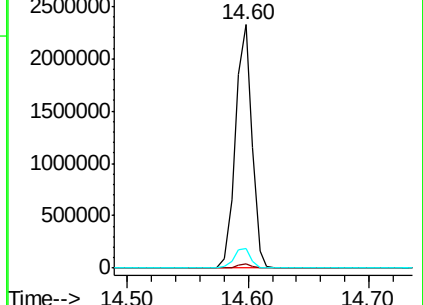
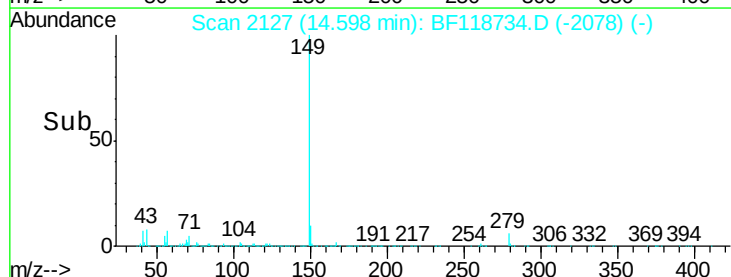
43 8.2 6.6 10.0

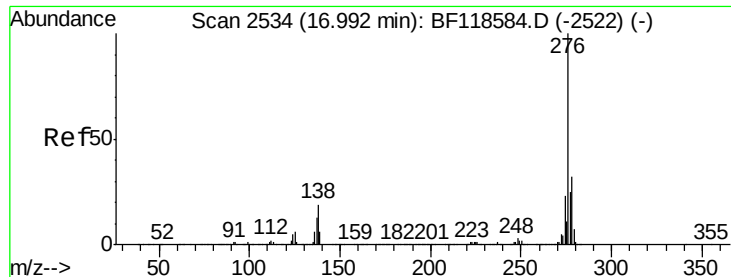


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



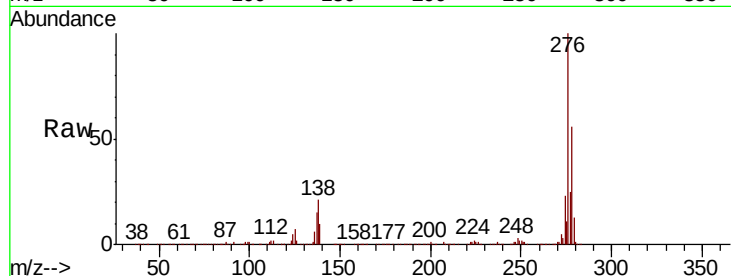


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 44.567 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.03 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

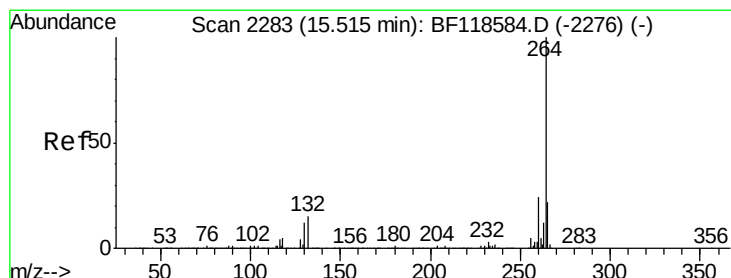
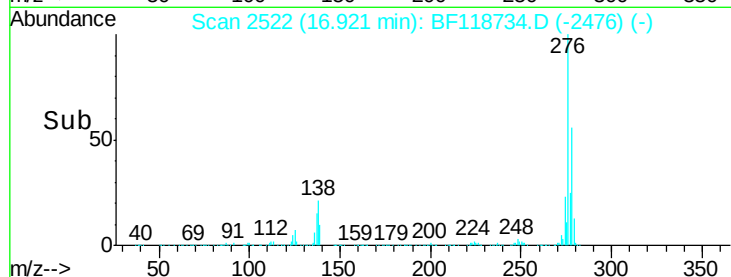
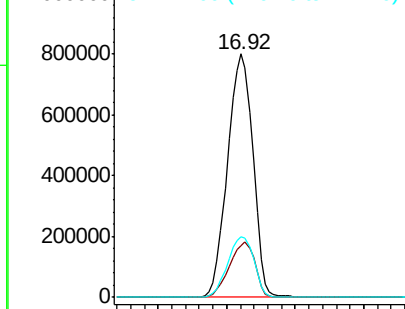
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2058342

Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.2	27.4
277	25.8	20.4	30.6



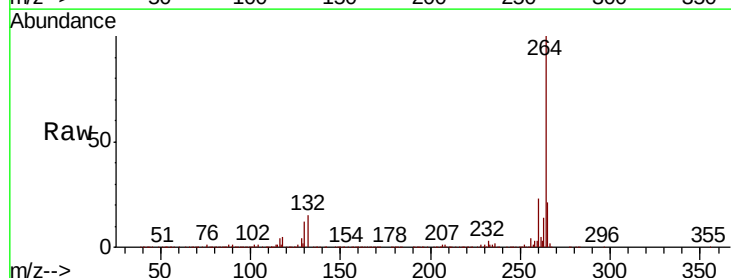
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



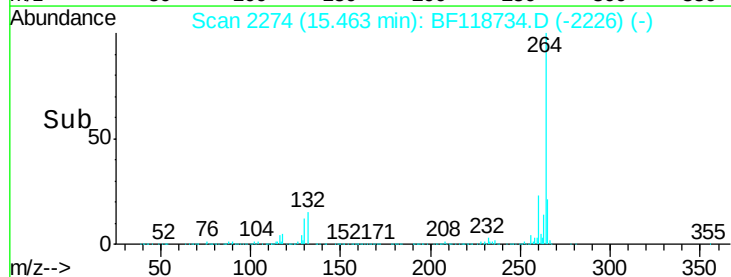
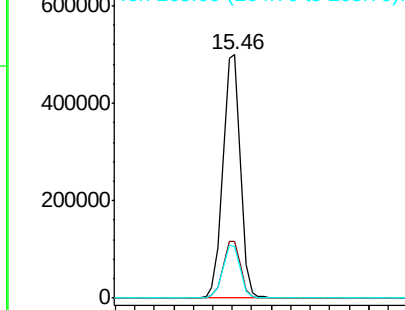
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

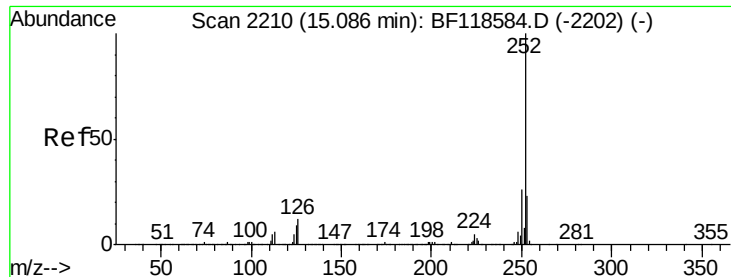
Tgt Ion:264 Resp: 619759

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.3	17.0	25.6



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

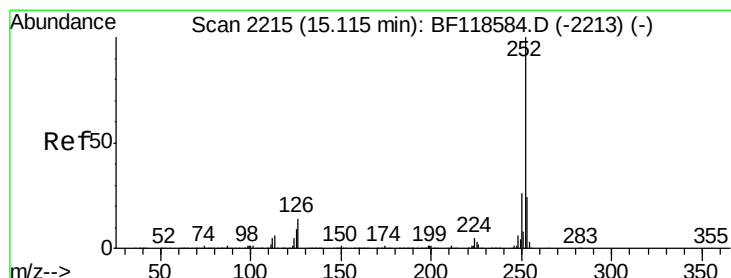
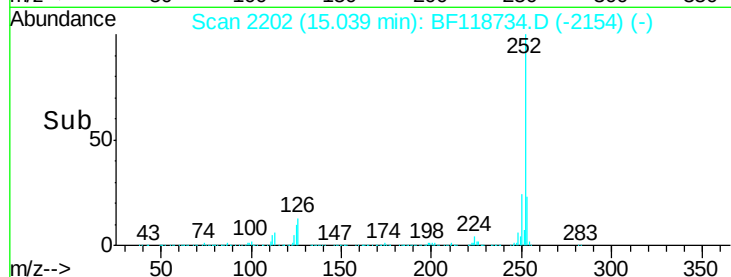
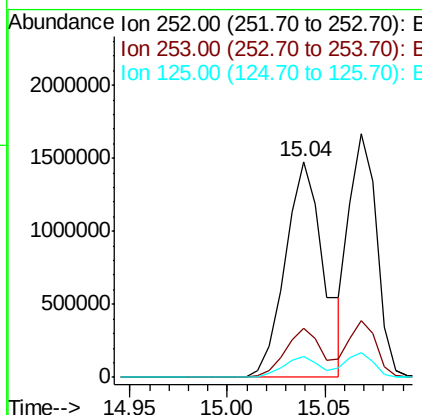
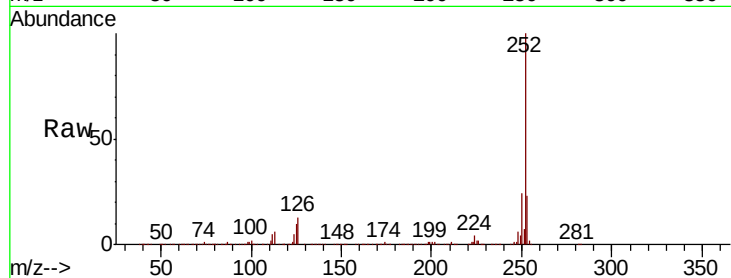




#88
Benzo(b)fluoranthene
Concen: 52.172 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

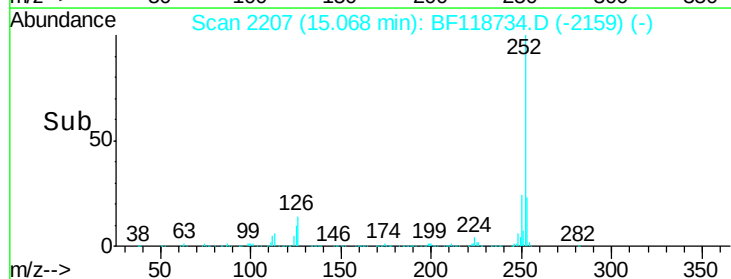
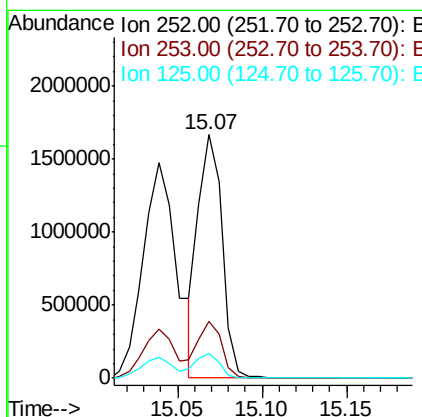
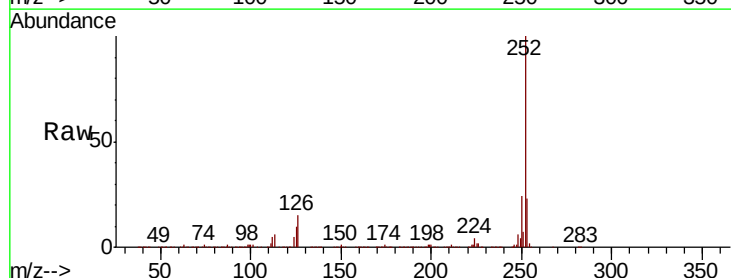
Instrument :
BNA_F
ClientSampleId :

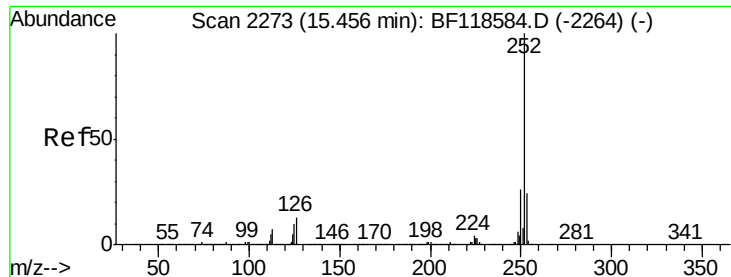
Tot Ion:252 Resp: 2032445
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.8 7.7 11.5



#89
Benzo(k)fluoranthene
Concen: 45.252 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:252 Resp: 1633218
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 10.4 8.1 12.1





#90

Benzo(a)pyrene

Concen: 51.287 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

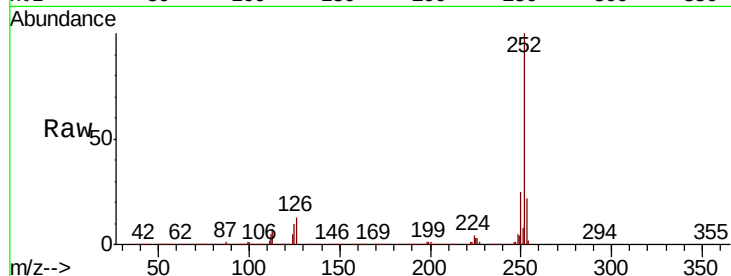
Tot Ion:252 Resp: 1723502

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

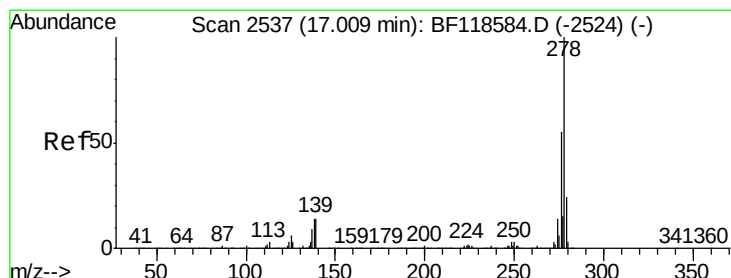
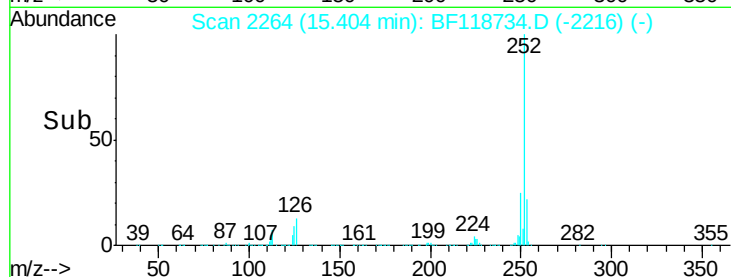
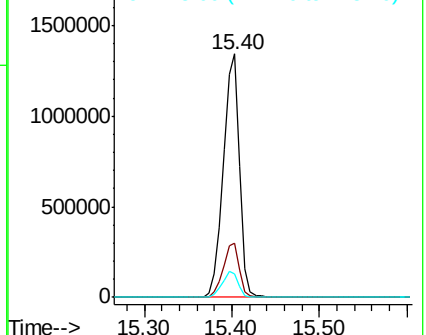
125 9.6 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 58.144 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.03 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

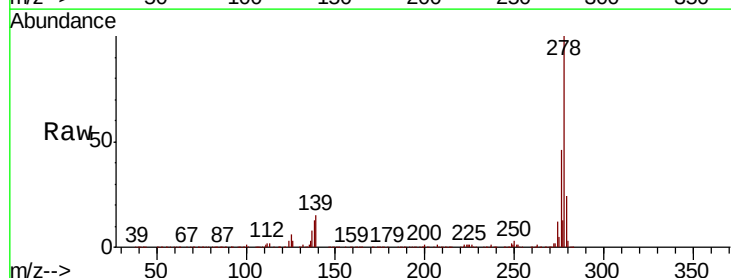
Tgt Ion:278 Resp: 1728373

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.6

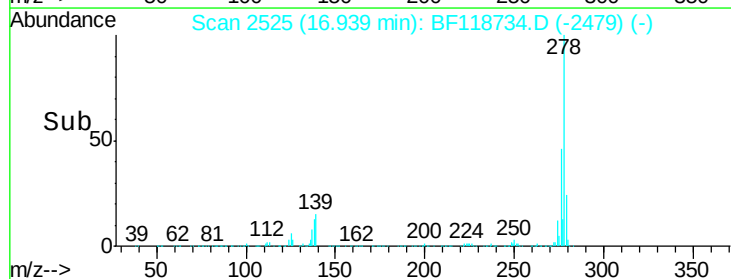
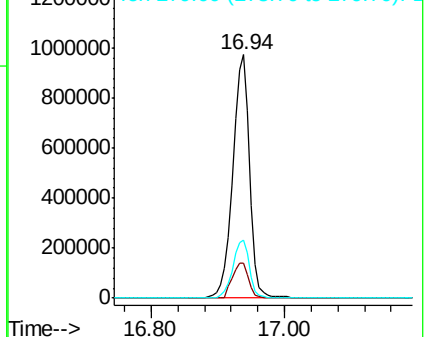
279 24.0 19.1 28.7

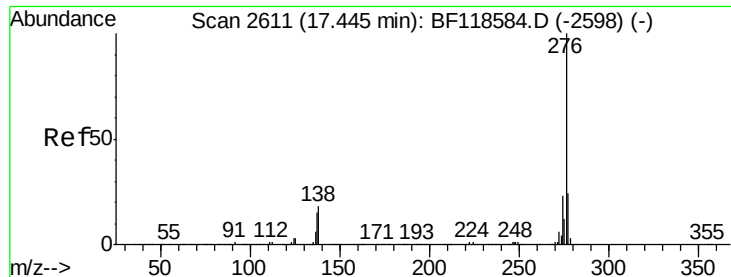


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 60.834 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.03 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

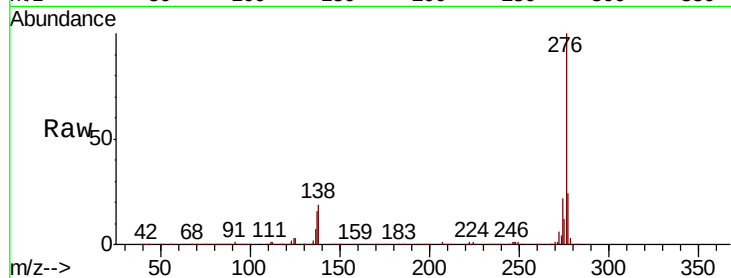
Tot Ion:276 Resp: 1755786

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 19.5 15.4 23.2



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

