

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118730.D
 Acq On : 29 Jan 2020 14:41
 Operator : CG/JU
 Sample : L1289-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:08:16 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	307692	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1182750	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	661752	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1249050	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	902067	20.00	ng	-0.01
87) Perylene-d12	15.46	264	922597	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1743123	105.22	ng	0.00
7) Phenol-d6	6.49	99	2229999	103.56	ng	0.00
23) Nitrobenzene-d5	7.41	82	1416012	66.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	813260	106.25	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2668607	66.28	ng	-0.01
79) Terphenyl-d14	12.95	244	3146133	76.07	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.69	88	311375	38.804 ng	99
3) Pyridine	3.44	79	801291	35.429 ng	99
4) n-Nitrosodimethylamine	3.38	42	363079	37.446 ng	97
6) Aniline	6.51	93	825731	29.123 ng	99
8) 2-Chlorophenol	6.63	128	947629	50.960 ng	99
9) Benzaldehyde	6.40	77	451633	34.488 ng	100
10) Phenol	6.50	94	1164416	47.451 ng	97
11) bis(2-Chloroethyl)ether	6.59	93	838189	46.038 ng	97
12) 1,3-Dichlorobenzene	6.79	146	985227	45.267 ng	99
13) 1,4-Dichlorobenzene	6.87	146	996692	45.619 ng	99
14) 1,2-Dichlorobenzene	7.02	146	945277	46.025 ng	99
15) Benzyl Alcohol	6.99	79	783679	45.893 ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	981723	38.712 ng	98
17) 2-Methylphenol	7.10	107	757355	48.895 ng	99
18) Hexachloroethane	7.36	117	349102	44.065 ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	601357	41.360 ng	96
20) 3+4-Methylphenols	7.26	107	876756	46.362 ng	92
22) Acetophenone	7.26	105	1158292	41.341 ng	95
24) Nitrobenzene	7.43	77	922089	42.588 ng	99
25) Isophorone	7.67	82	1705394	44.217 ng	99
26) 2-Nitrophenol	7.75	139	514450	55.718 ng	98
27) 2,4-Dimethylphenol	7.79	122	802893	50.358 ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1038113	41.773 ng	99
29) 2,4-Dichlorophenol	7.99	162	817385	46.376 ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	907105	44.387 ng	100
31) Naphthalene	8.16	128	2522589	47.214 ng	100
32) Benzoic acid	7.92	122	540226	45.147 ng	99
33) 4-Chloroaniline	8.20	127	311464	12.613 ng	97
34) Hexachlorobutadiene	8.27	225	529099	42.514 ng	99
35) Caprolactam	8.57	113	152045	26.361 ng	95
36) 4-Chloro-3-methylphenol	8.69	107	839227	48.218 ng	98
37) 2-Methylnaphthalene	8.85	142	1787866	47.407 ng	99
38) 1-Methylnaphthalene	8.95	142	1691867	47.220 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	862636	41.662 ng	99

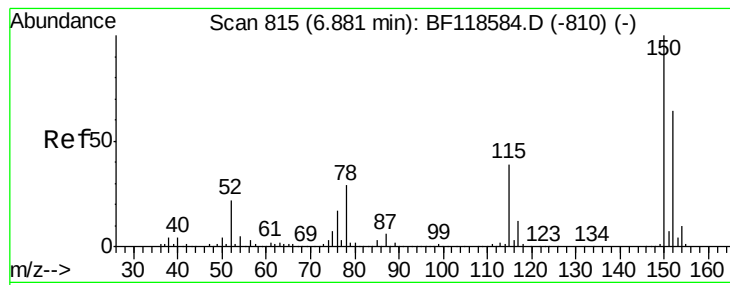
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	912696	87.367	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	630236	45.869	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	657818	46.878	ng	99
46) 1,1'-Biphenyl	9.31	154	2112013	46.308	ng	99
47) 2-Chloronaphthalene	9.33	162	1726904	44.923	ng	99
48) 2-Nitroaniline	9.43	65	489149	41.394	ng	96
49) Acenaphthylene	9.75	152	2641156	48.838	ng	99
50) Dimethylphthalate	9.62	163	2436095	56.503	ng	99
51) 2,6-Dinitrotoluene	9.67	165	496022	51.378	ng	96
52) Acenaphthene	9.92	154	1791105	49.530	ng	99
53) 3-Nitroaniline	9.83	138	264913	24.030	ng	97
54) 2,4-Dinitrophenol	9.95	184	424758	110.204	ng	92
55) Dibenzofuran	10.10	168	2395378	47.799	ng	97
56) 4-Nitrophenol	10.00	139	806788	96.945	ng	98
57) 2,4-Dinitrotoluene	10.07	165	655396	53.850	ng	98
58) Fluorene	10.44	166	1791718	45.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	577199	46.765	ng	100
60) Diethylphthalate	10.31	149	1973776	47.217	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	958308	44.787	ng	96
62) 4-Nitroaniline	10.46	138	485058	42.895	ng	93
63) Azobenzene	10.59	77	1746885	43.150	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	339259	61.769	ng	96
66) n-Nitrosodiphenylamine	10.55	169	1715546	45.543	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	670012	43.418	ng	97
68) Hexachlorobenzene	10.99	284	762324	43.573	ng	97
69) Atrazine	11.07	200	618557	47.377	ng	99
70) Pentachlorophenol	11.18	266	799758	82.219	ng	100
71) Phenanthrene	11.40	178	2722106	45.173	ng	99
72) Anthracene	11.45	178	2810858	47.141	ng	99
73) Carbazole	11.60	167	2518056	46.041	ng	100
74) Di-n-butylphthalate	11.93	149	2910413	47.897	ng	100
75) Fluoranthene	12.58	202	2959802	46.570	ng	98
77) Benzidine	12.70	184	1522284	63.159	ng	99
78) Pyrene	12.82	202	2974957	48.577	ng	99
80) Butylbenzylphthalate	13.43	149	1296430	51.725	ng	96
81) Benzo(a)anthracene	14.00	228	2495218	45.983	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	582702	30.136	ng	99
83) Chrysene	14.04	228	2474452	47.579	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1678923	54.828	ng	98
85) Di-n-octyl phthalate	14.60	149	2758104	60.851	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2669115	59.066	ng	100
88) Benzo(b)fluoranthene	15.04	252	2544863	43.883	ng	100
89) Benzo(k)fluoranthene	15.07	252	2314649	43.082	ng	100
90) Benzo(a)pyrene	15.41	252	2218219	44.342	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	2188136	49.449	ng	98
92) Benzo(g,h,i)perylene	17.37	276	2250736	52.385	ng	100

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

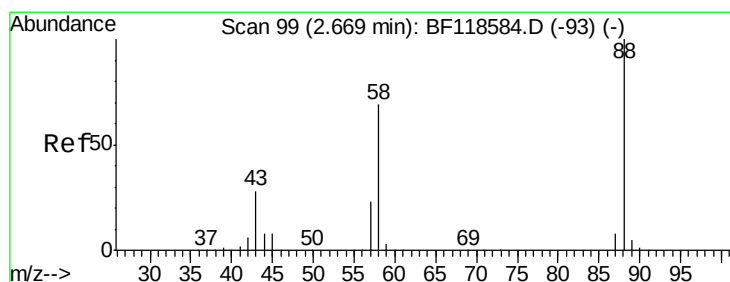
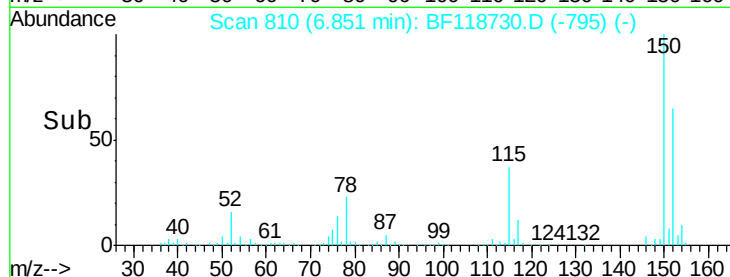
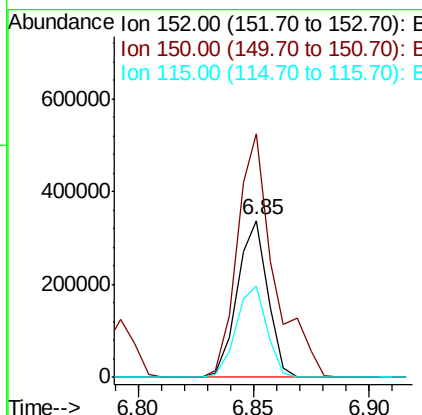
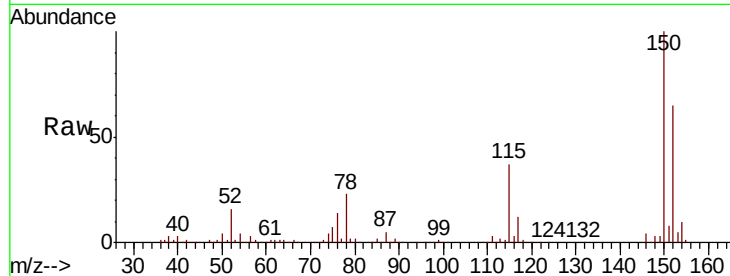


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :

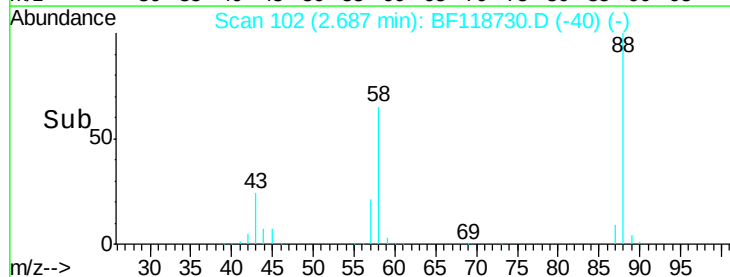
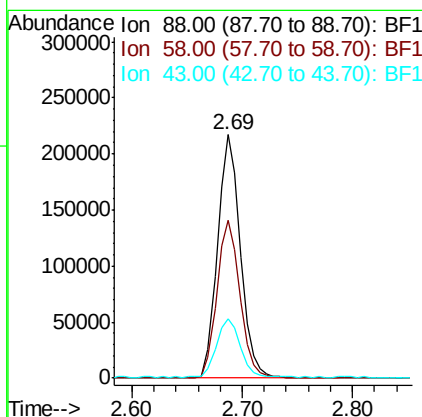
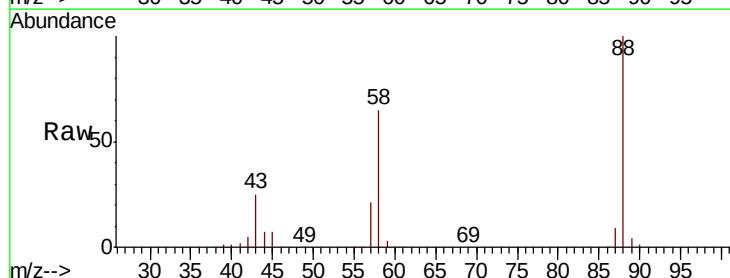
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.7	185.5
115	57.7	45.1	67.7

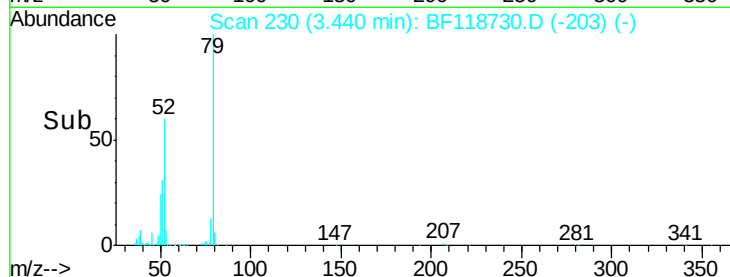
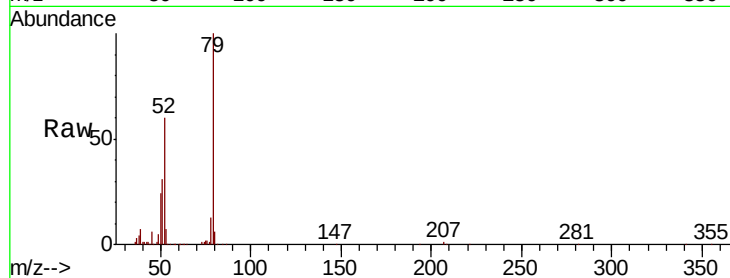
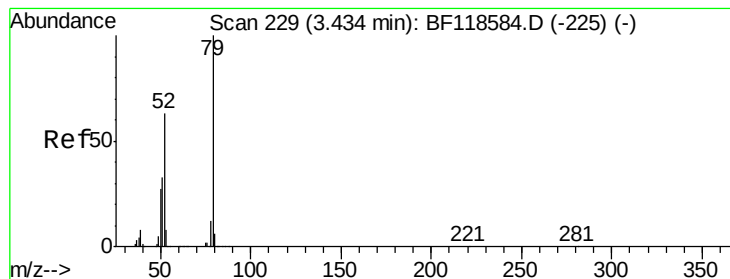


#2

1,4-Dioxane
Concen: 38.804 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	51.9	77.9
43	24.7	19.3	28.9





#3

Pvridine

Concen: 35.429 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

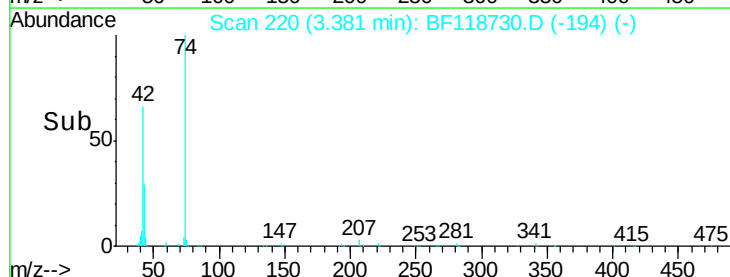
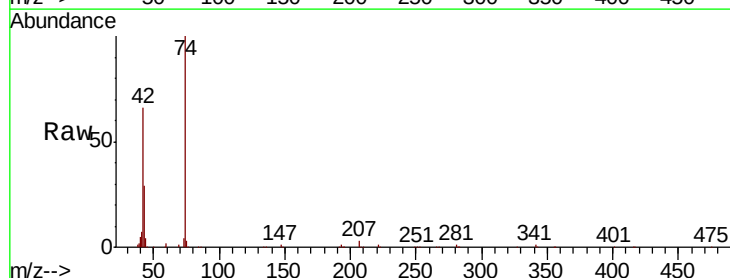
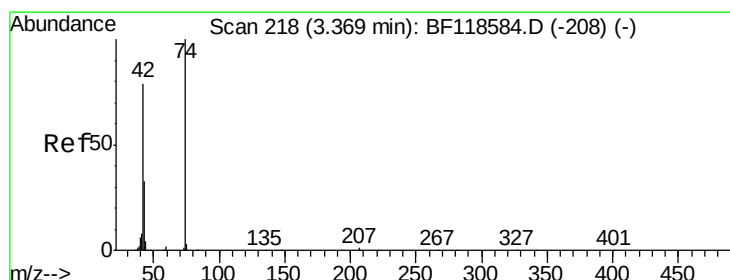
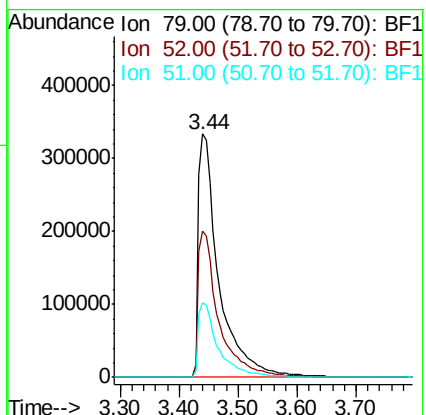
Tot Ion: 79 Resp: 801291

Ion Ratio Lower Upper

79 100

52 59.9 48.8 73.2

51 30.5 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 37.446 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.05 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

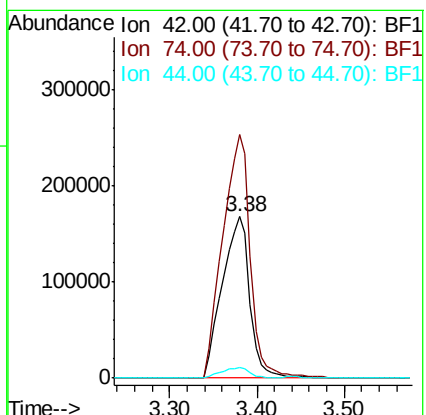
Tgt Ion: 42 Resp: 363079

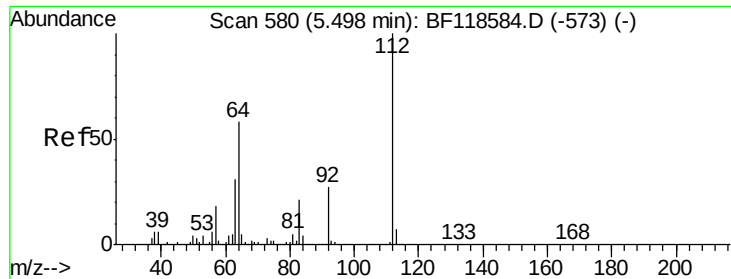
Ion Ratio Lower Upper

42 100

74 150.8 123.5 185.3

44 6.3 5.6 8.4





#5

2-Fluorophenol

Concen: 105.216 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

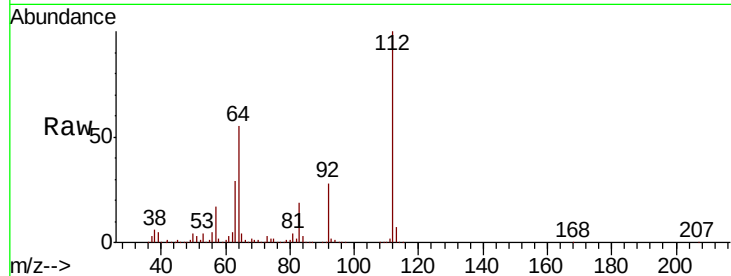
Tot Ion:112 Resp: 1743123

Ion Ratio Lower Upper

112 100

64 55.3 42.4 63.6

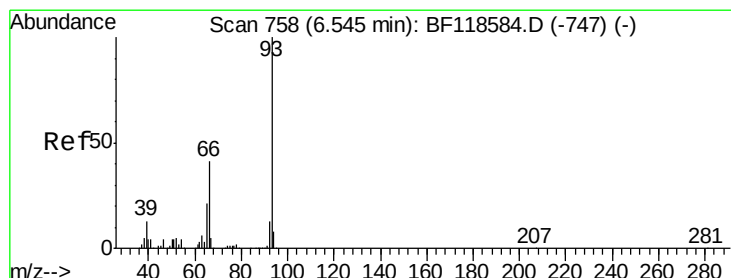
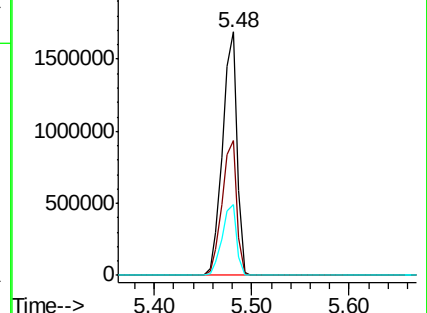
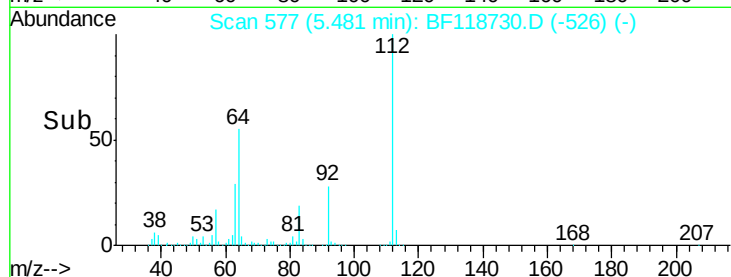
63 29.0 21.7 32.5



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: 29.123 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

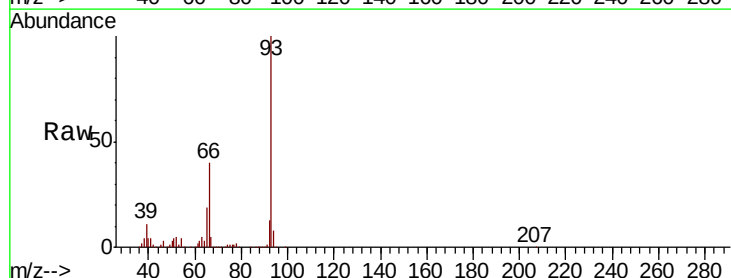
Tgt Ion: 93 Resp: 825731

Ion Ratio Lower Upper

93 100

66 39.7 31.3 46.9

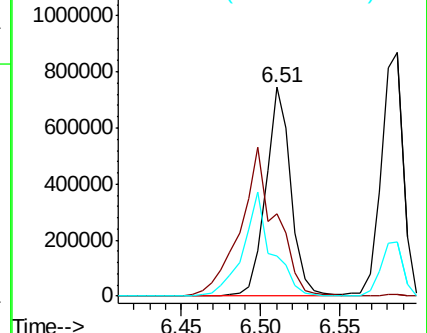
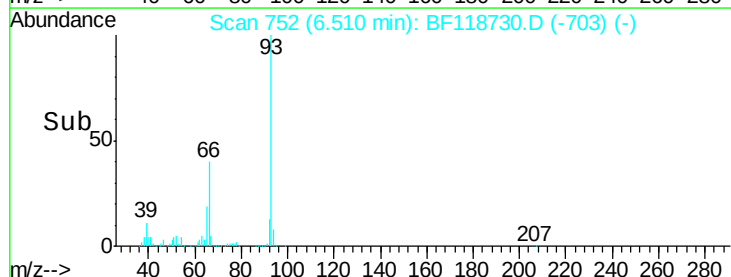
65 19.4 15.3 22.9

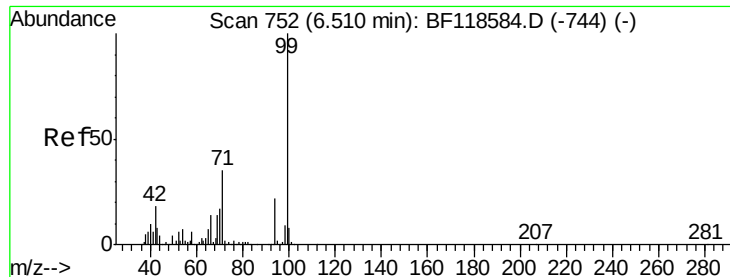


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.562 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

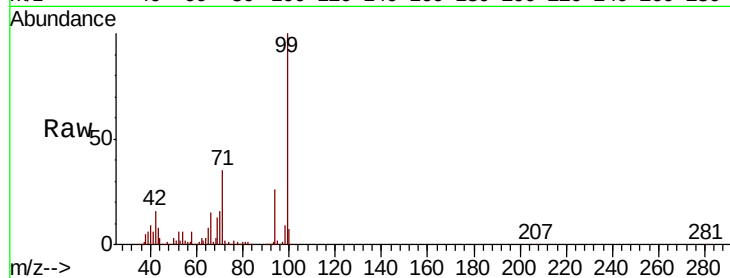
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2229999

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	35.3	28.4	42.6

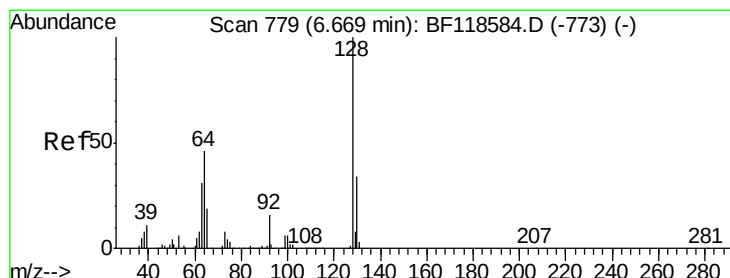
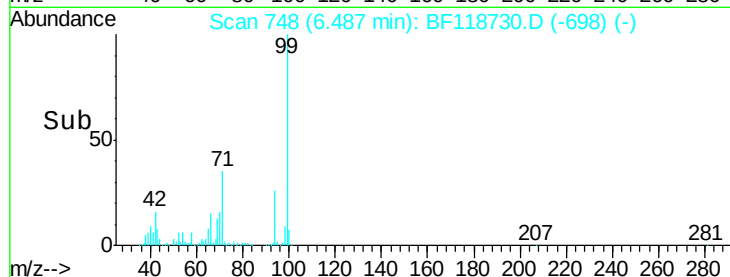
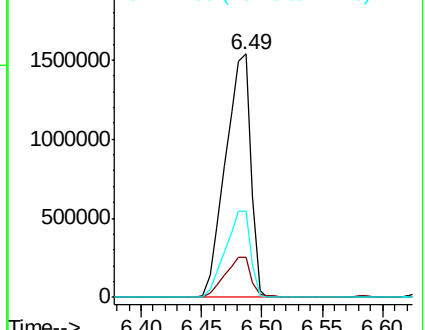


Abundance

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: 50.960 ng

RT: 6.63 min Scan# 773

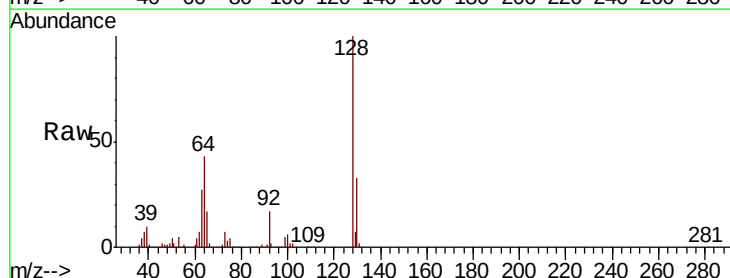
Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion: 128 Resp: 947629

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.8	52.8
64	43.4	24.5	64.5

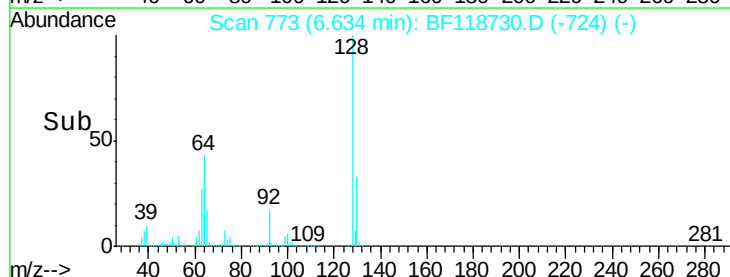
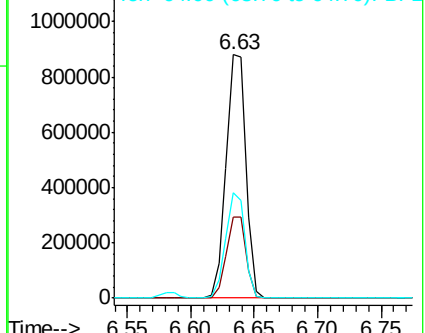


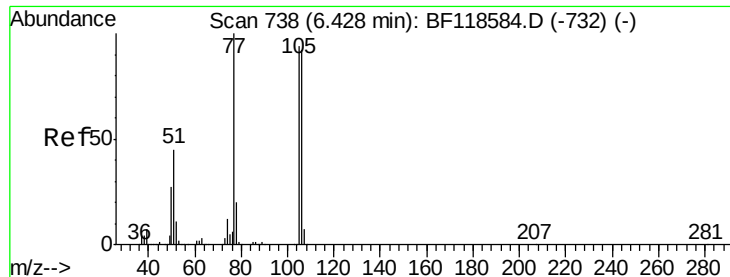
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.488 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

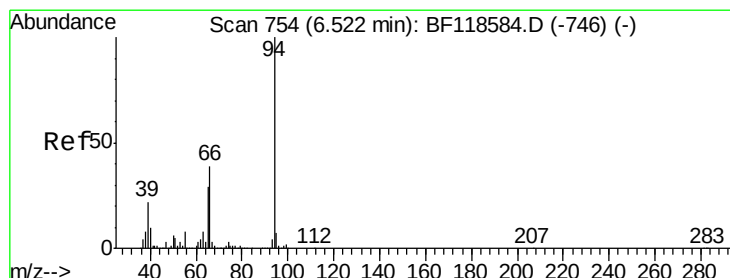
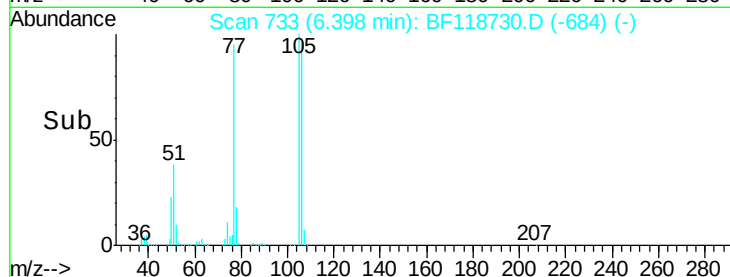
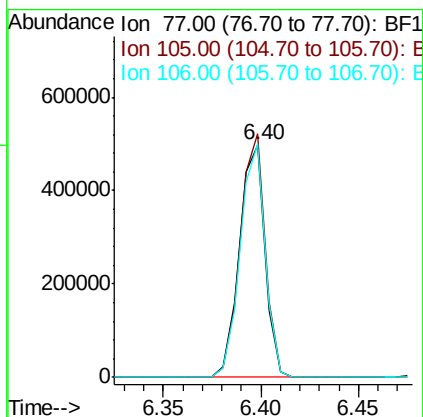
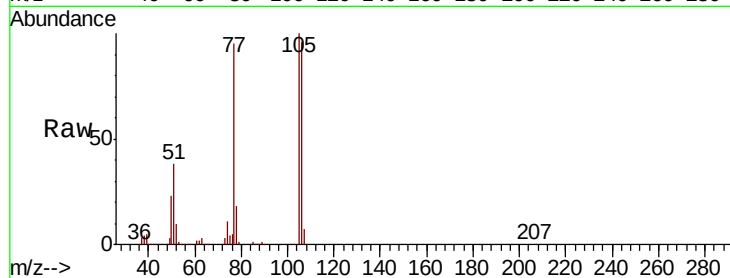
Tot Ion: 77 Resp: 451633

Ion Ratio Lower Upper

77 100

105 104.9 84.3 124.3

106 100.4 80.4 120.4



#10

Phenol

Concen: 47.451 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

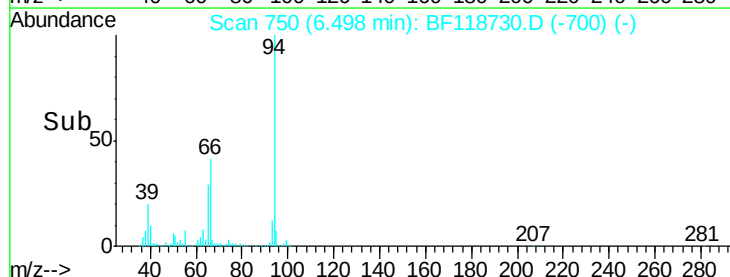
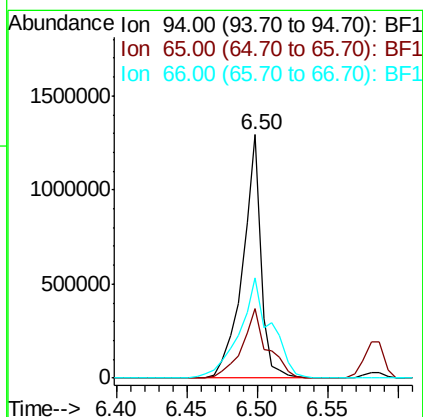
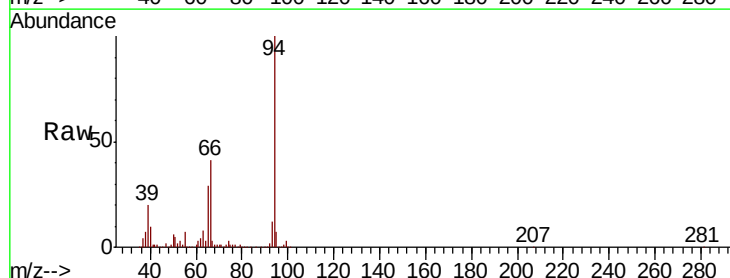
Tgt Ion: 94 Resp: 1164416

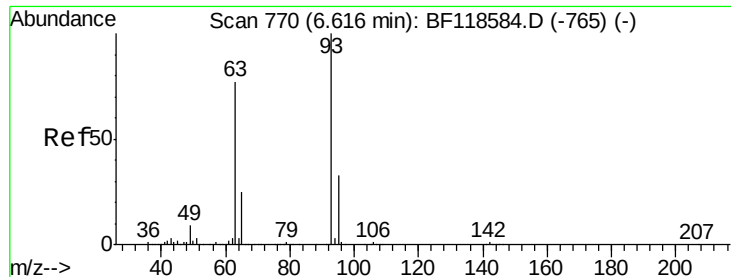
Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

66 41.2 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 46.038 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampled :

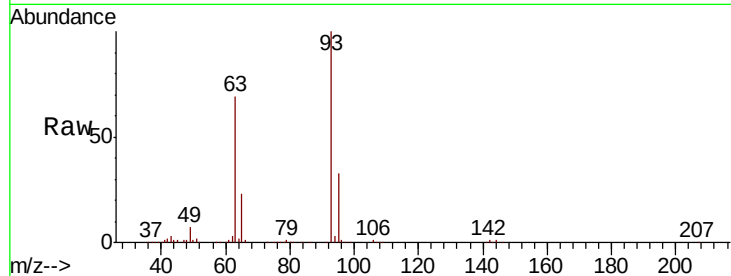
Tot Ion: 93 Resp: 838189

Ion Ratio Lower Upper

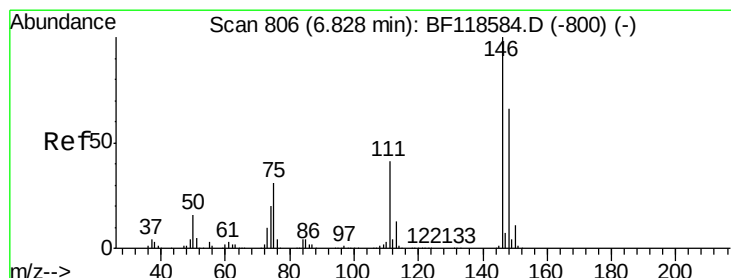
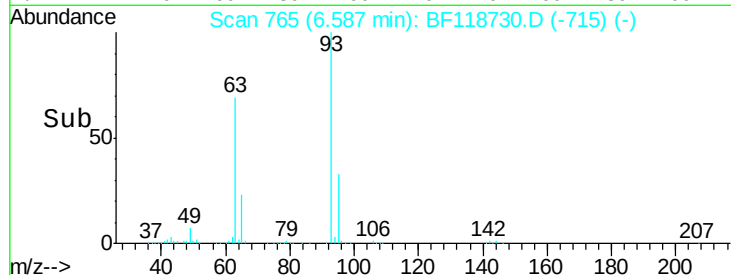
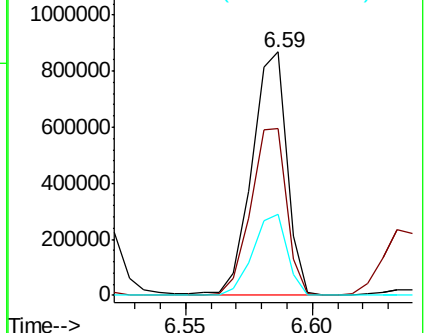
93 100

63 68.6 52.1 92.1

95 33.3 13.2 53.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 45.267 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

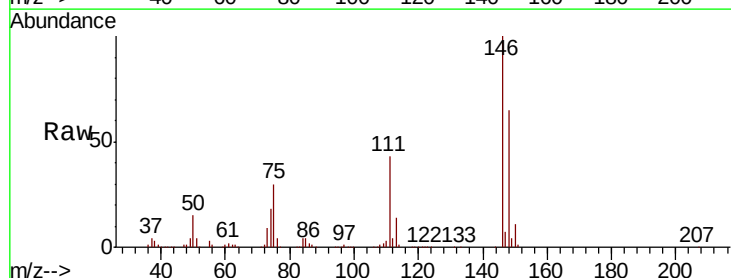
Tgt Ion: 146 Resp: 985227

Ion Ratio Lower Upper

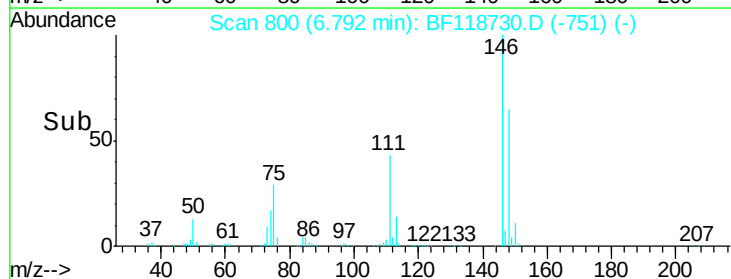
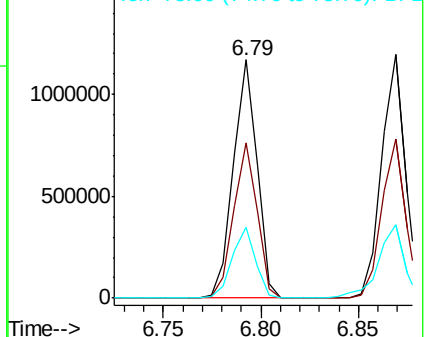
146 100

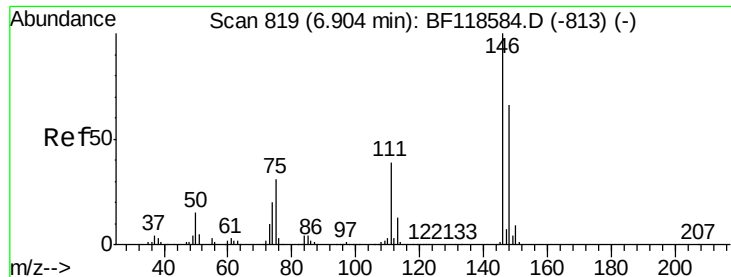
148 65.4 52.2 78.4

75 29.7 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

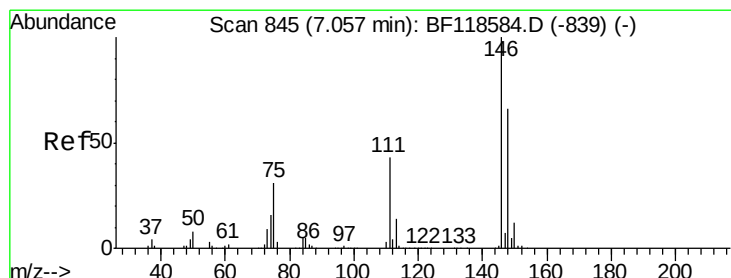
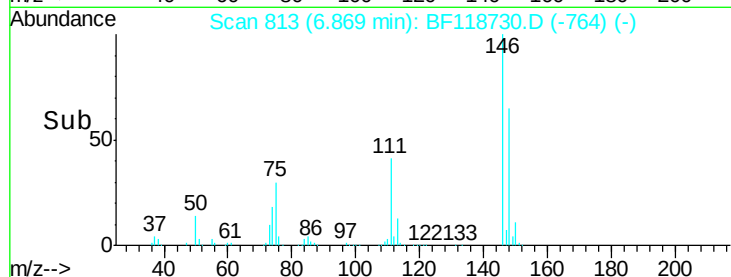
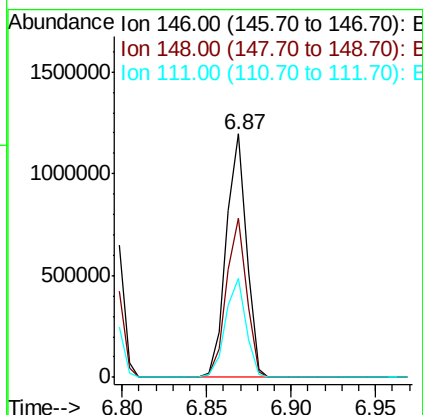
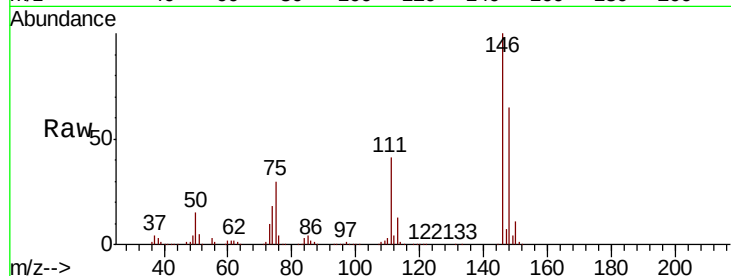




#13
 1,4-Dichlorobenzene
 Concen: 45.619 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

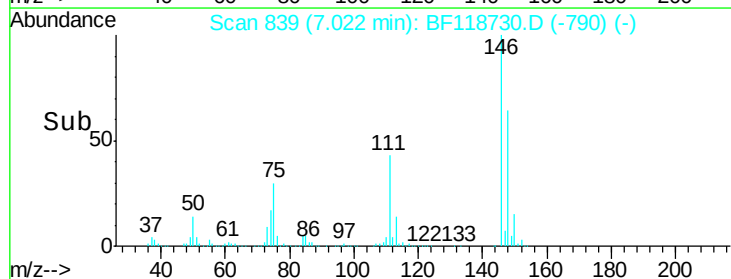
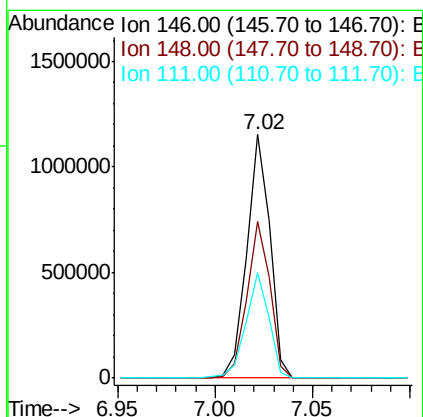
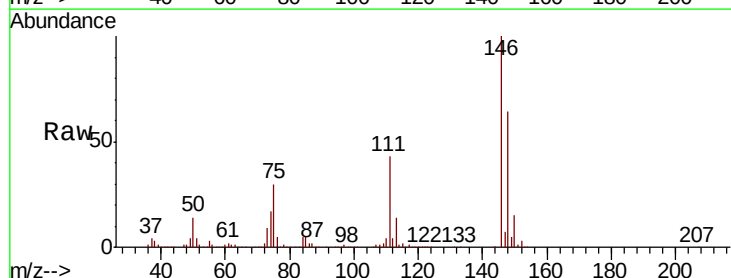
Instrument :
 BNA_F
 ClientSampleId :

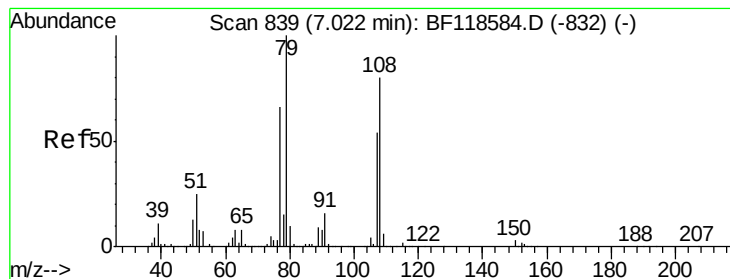
Tot Ion:146 Resp: 996692
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.5 77.3
 111 40.5 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 46.025 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion:146 Resp: 945277
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.7 77.5
 111 43.2 35.3 52.9





#15

Benzyl Alcohol

Concen: 45.893 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampled :

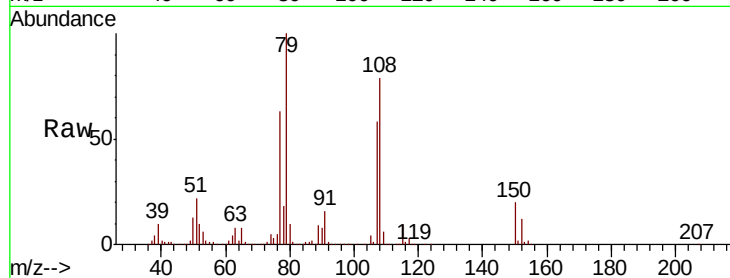
Tot Ion: 79 Resp: 783679

Ion Ratio Lower Upper

79 100

108 79.5 63.4 95.2

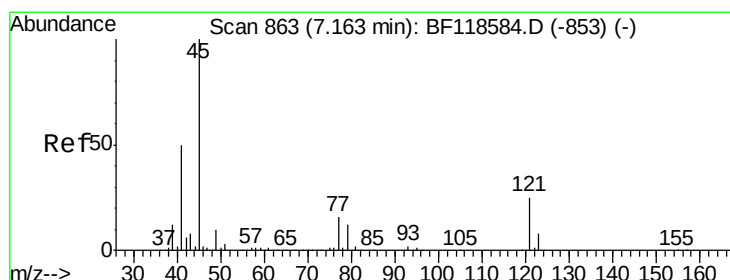
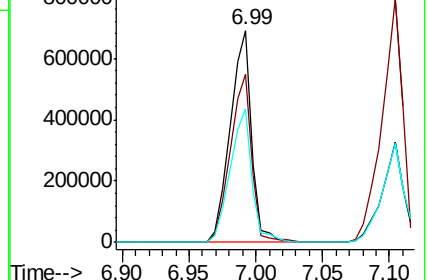
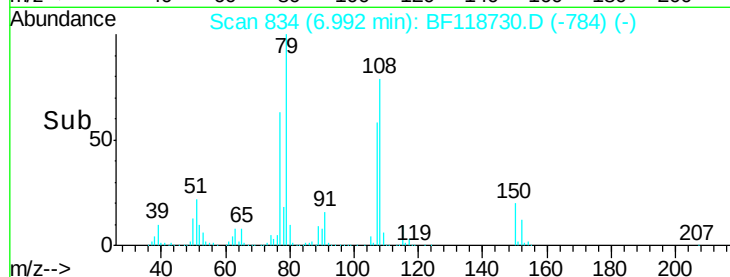
77 62.8 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.712 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

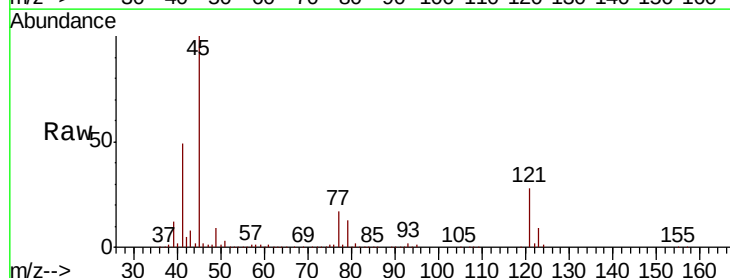
Tgt Ion: 45 Resp: 981723

Ion Ratio Lower Upper

45 100

77 17.5 0.0 36.9

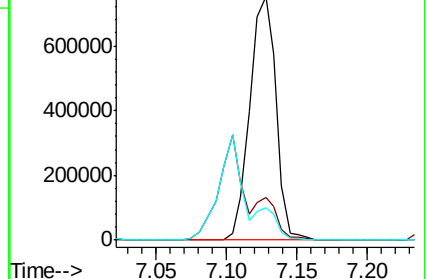
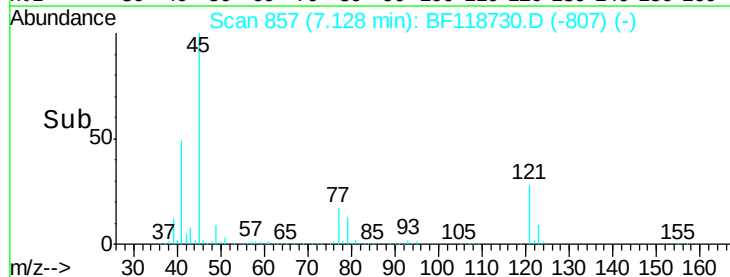
79 13.5 0.0 32.5

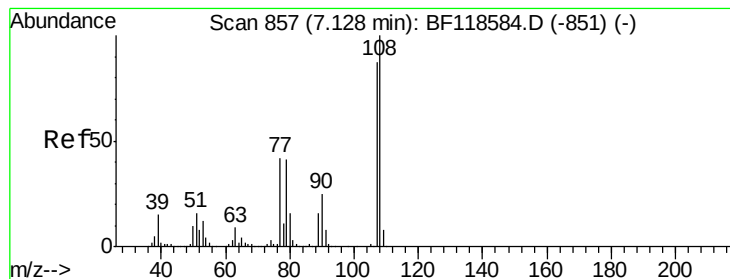


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

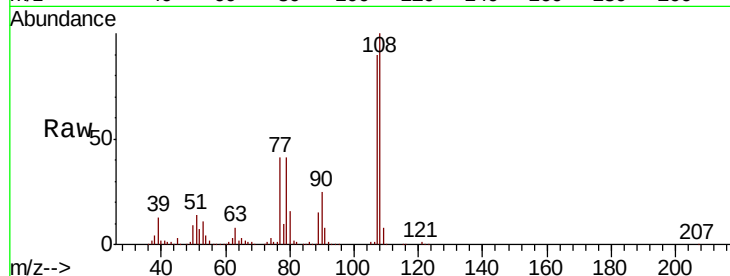




#17
2-Methylphenol
Concen: 48.895 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.0	132.0
77	45.1	35.3	52.9
79	45.3	35.4	53.2



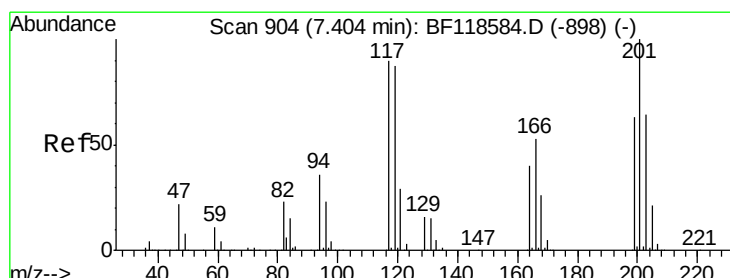
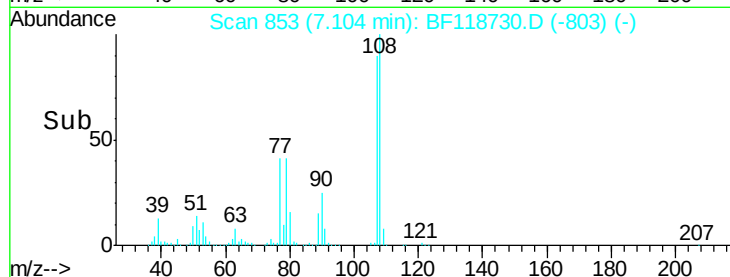
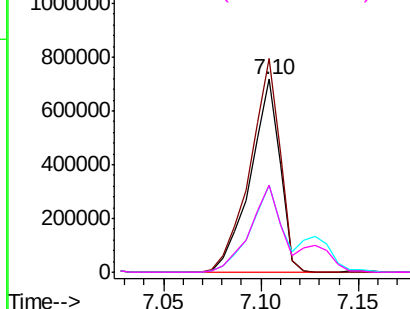
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

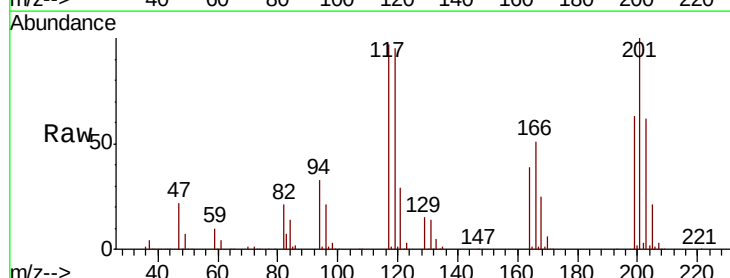
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.065 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.2	114.2
201	103.1	83.3	124.9

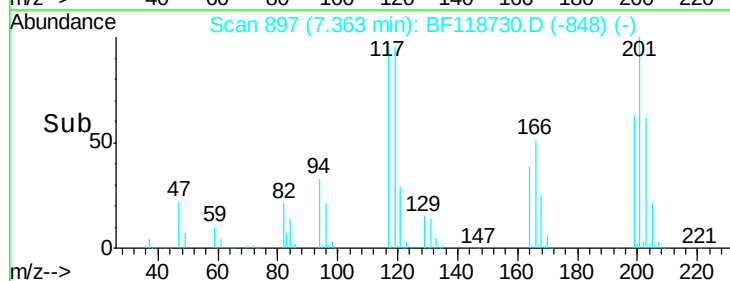
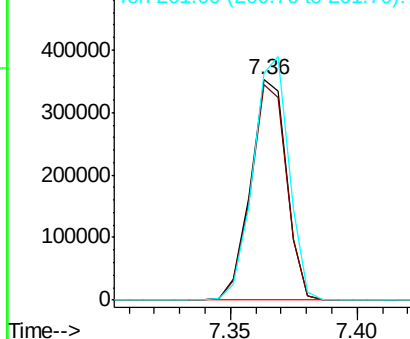


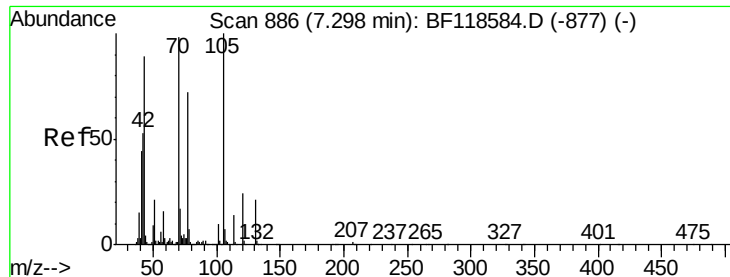
Abundance

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

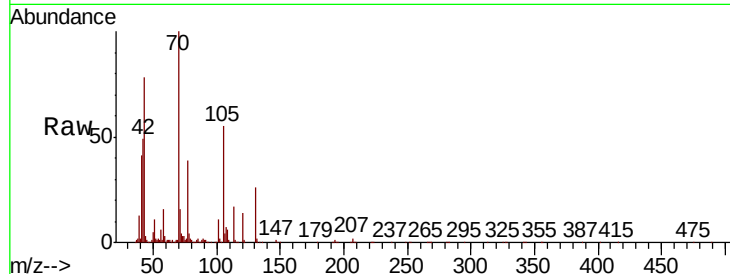




#19
n-Nitroso-di-n-propylamine
Concen: 41.360 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	601357
Ion	Ratio	Lower	Upper
70	100		
42	49.0	41.6	62.4
101	10.6	7.9	11.9
130	26.0	19.0	28.6



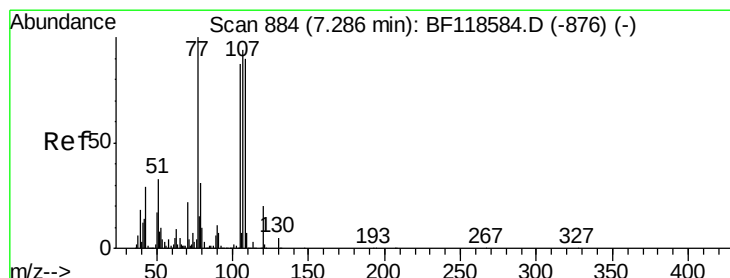
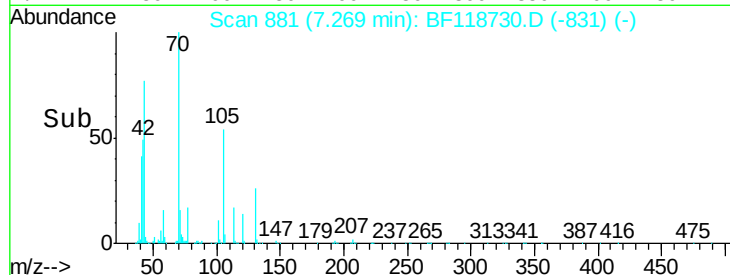
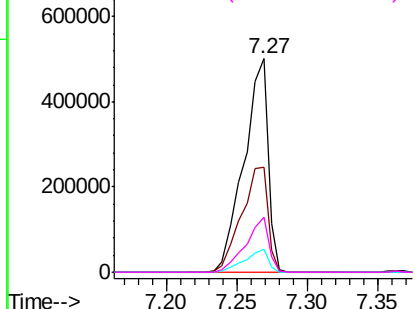
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

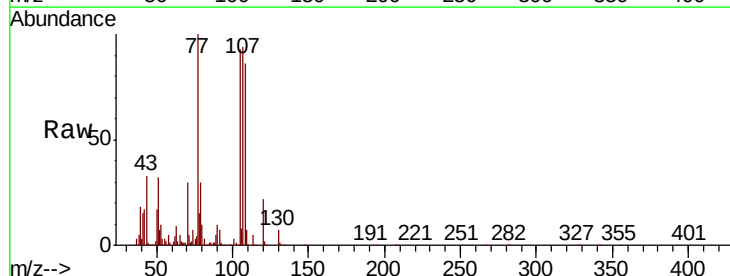
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 46.362 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:	107	Resp:	876756
Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.5	107.5
77	106.6	73.6	113.6
79	31.5	9.3	49.3



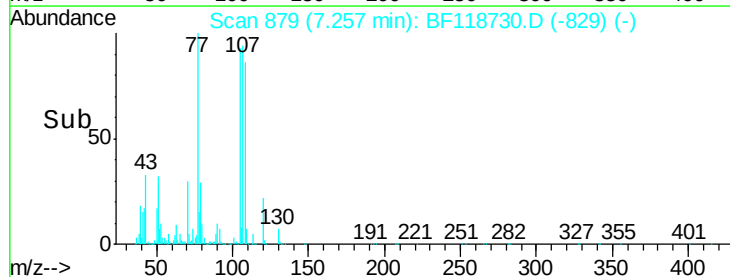
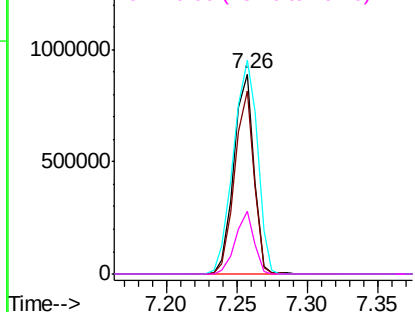
Abundance

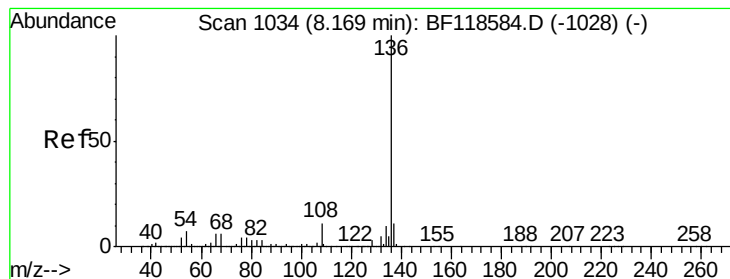
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1182750

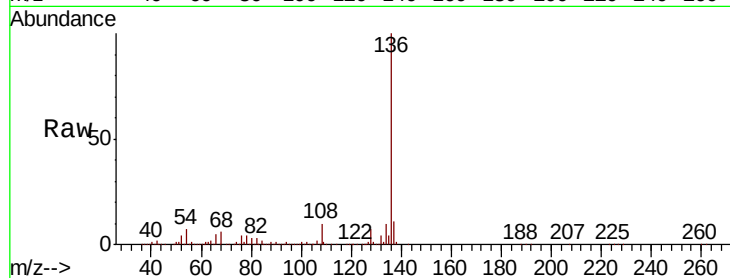
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.6 5.1 7.7

68 5.8 4.3 6.5

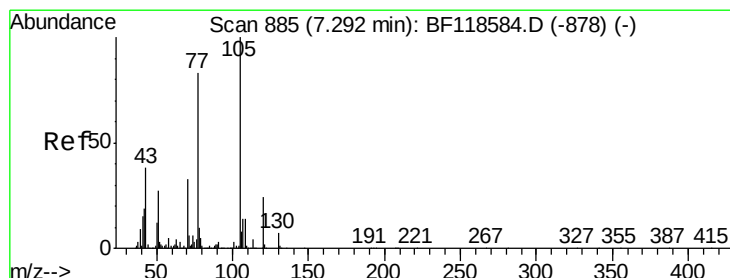
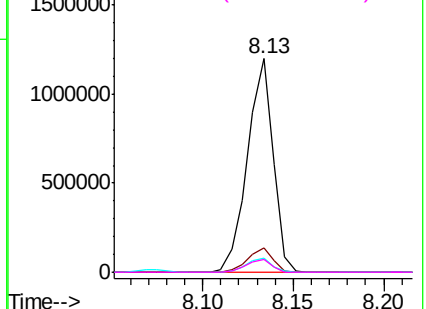
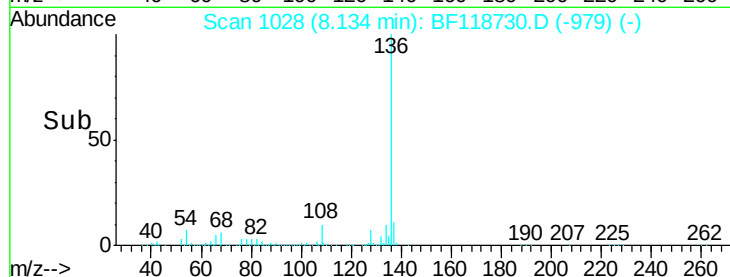


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.341 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion:105 Resp: 1158292

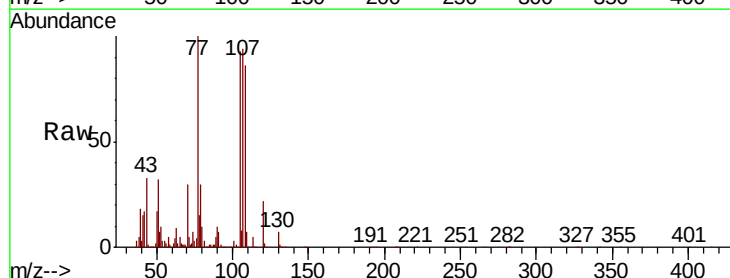
Ion Ratio Lower Upper

105 100

71 5.4 4.3 6.5

51 35.0 23.5 35.3

120 23.2 18.6 28.0

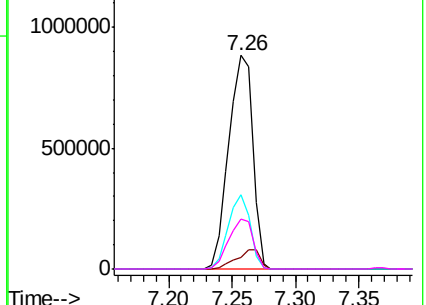
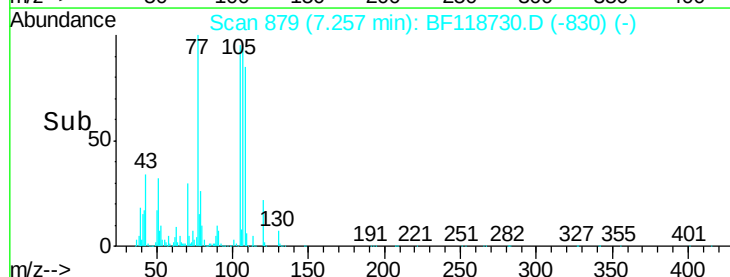


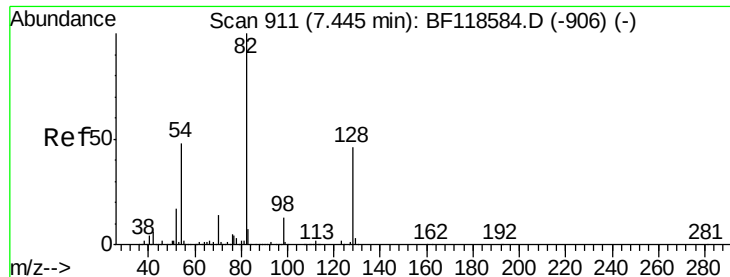
Abundance Ion 105.00 (104.70 to 105.70): E

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

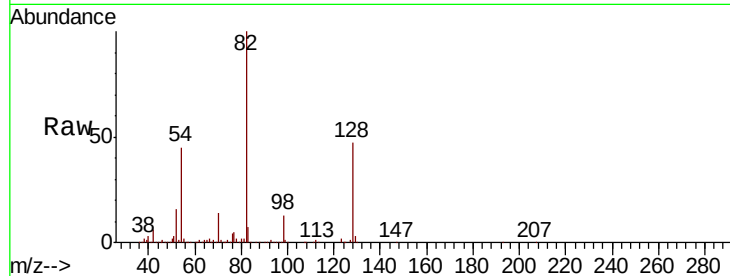




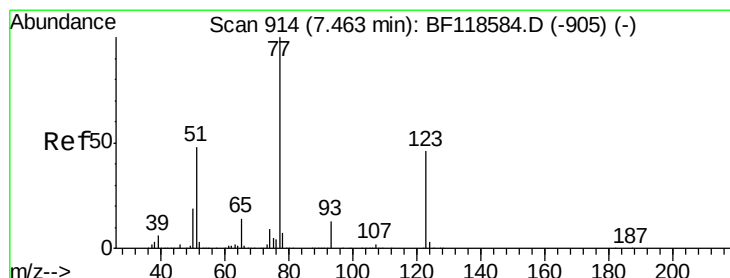
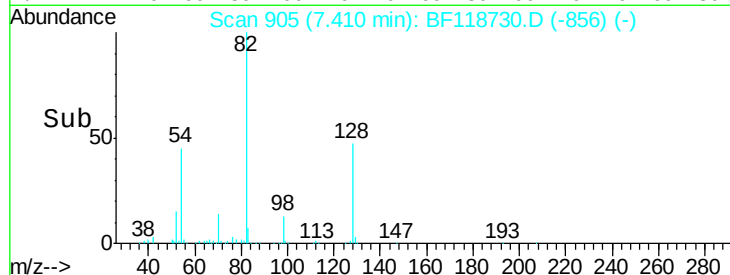
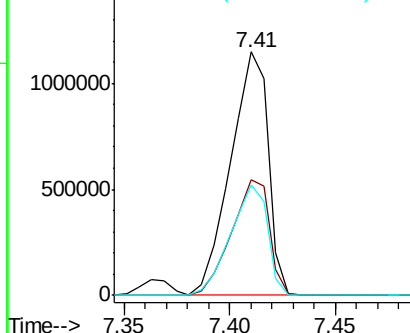
#23
 Nitrobenzene-d5
 Concen: 66.965 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1416012
 Ion Ratio Lower Upper
 82 100
 128 47.4 38.2 57.2
 54 45.3 36.1 54.1

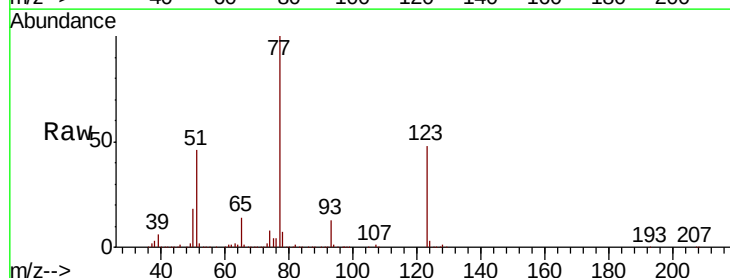


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

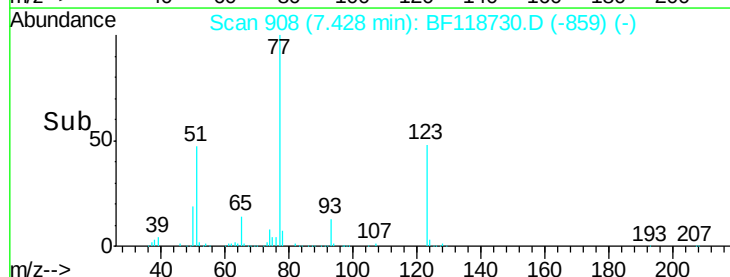
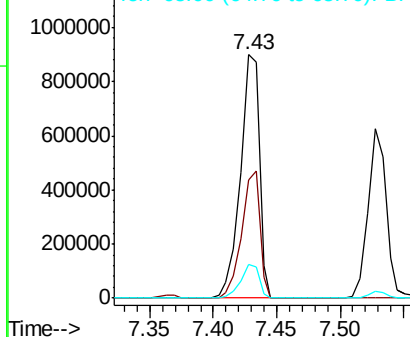


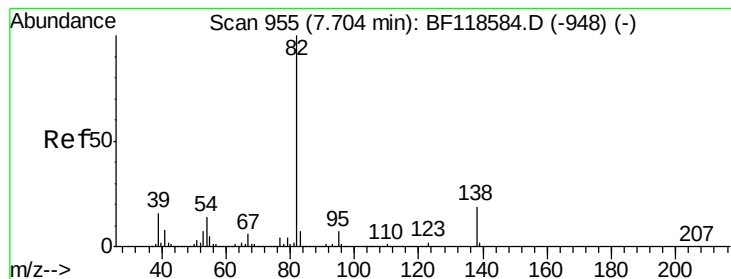
#24
 Nitrobenzene
 Concen: 42.588 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion: 77 Resp: 922089
 Ion Ratio Lower Upper
 77 100
 123 48.4 39.2 58.8
 65 13.7 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: 44.217 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

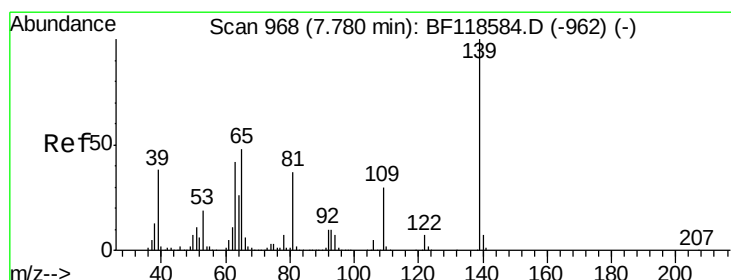
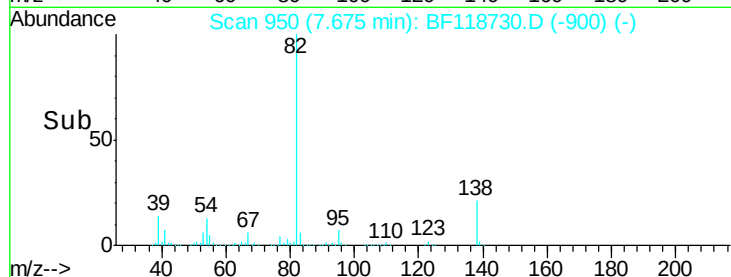
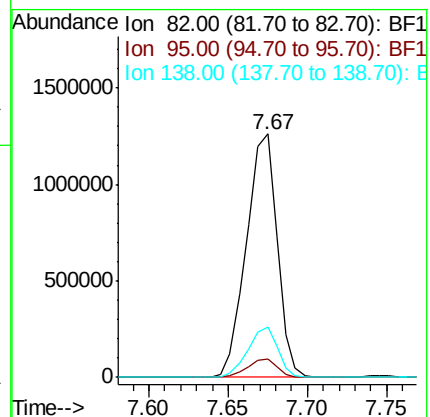
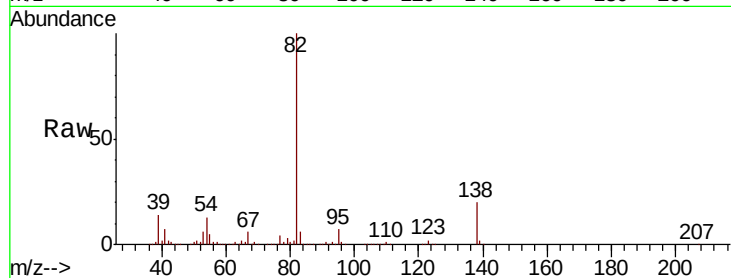
Tot Ion: 82 Resp: 1705394

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

138 20.5 15.8 23.8



#26

2-Nitrophenol

Concen: 55.718 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

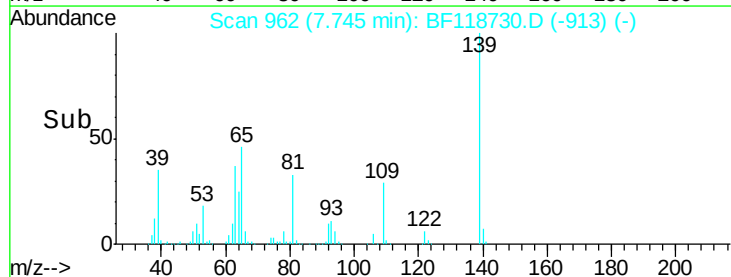
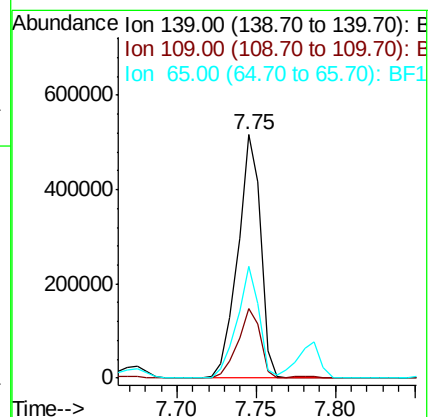
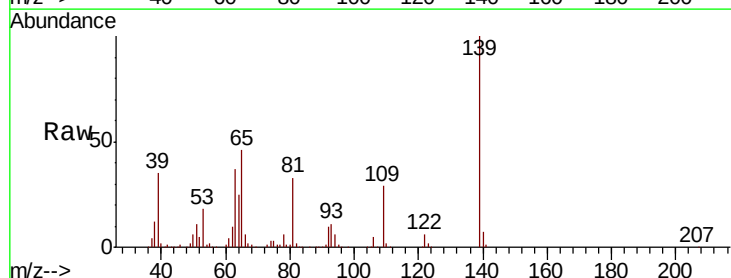
Tgt Ion: 139 Resp: 514450

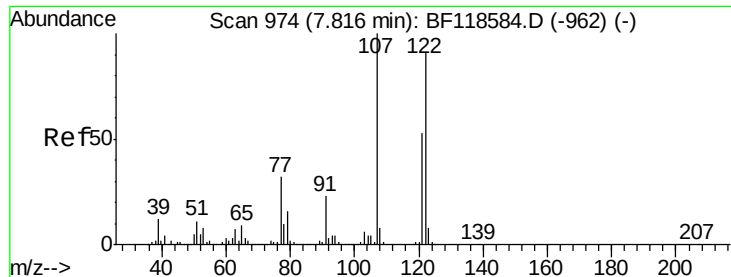
Ion Ratio Lower Upper

139 100

109 28.6 23.1 34.7

65 45.9 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 50.358 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

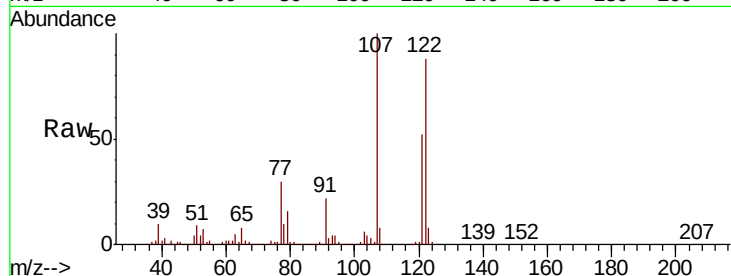
Tot Ion:122 Resp: 802893

Ion Ratio Lower Upper

122 100

107 113.7 91.8 137.8

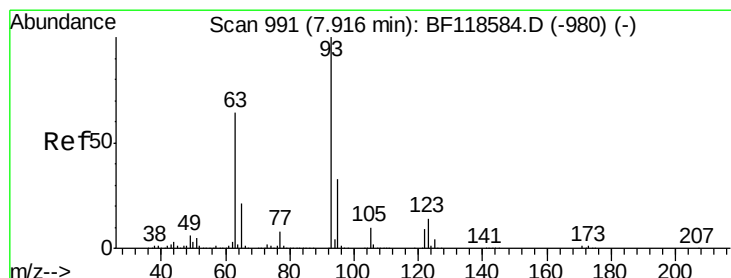
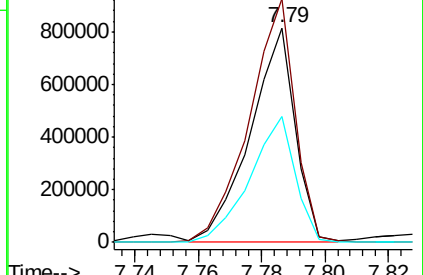
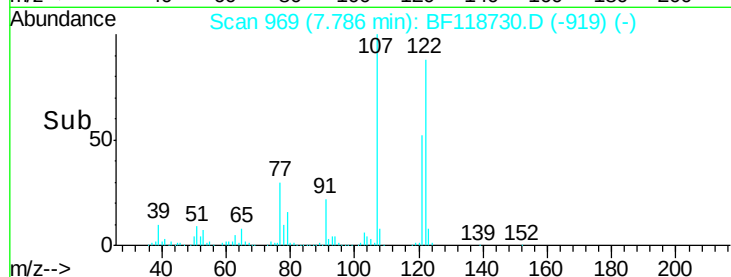
121 59.0 46.8 70.2



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: 41.773 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

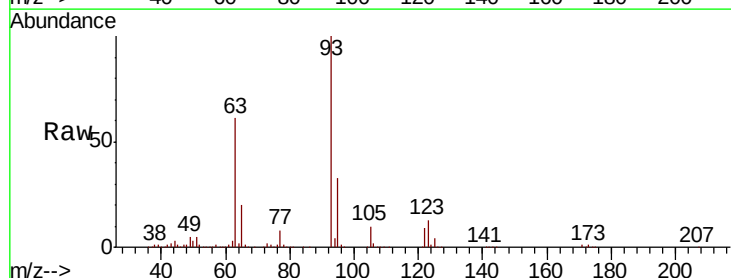
Tgt Ion: 93 Resp: 1038113

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

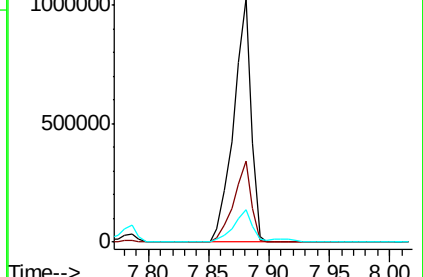
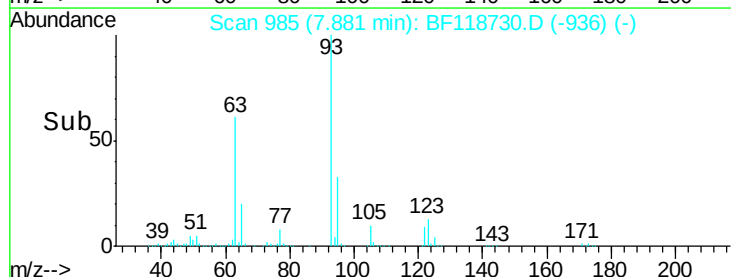
123 13.2 10.7 16.1

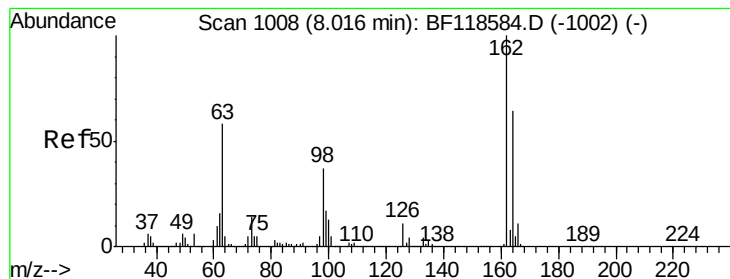


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.376 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampled :

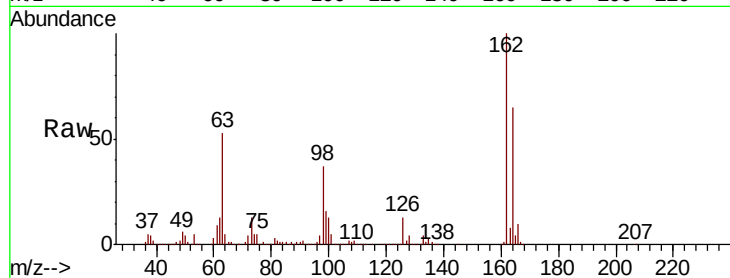
Tot Ion:162 Resp: 817385

Ion Ratio Lower Upper

162 100

164 64.6 43.8 83.8

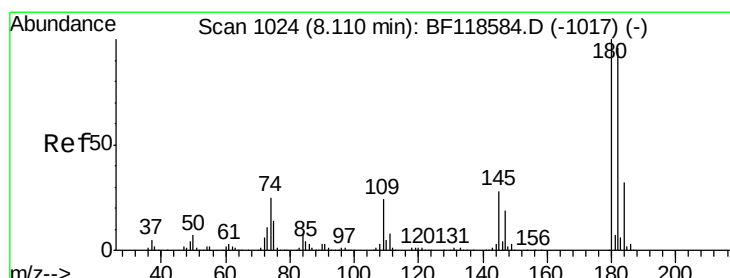
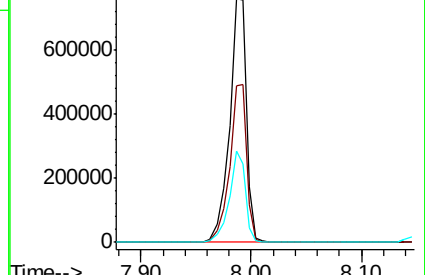
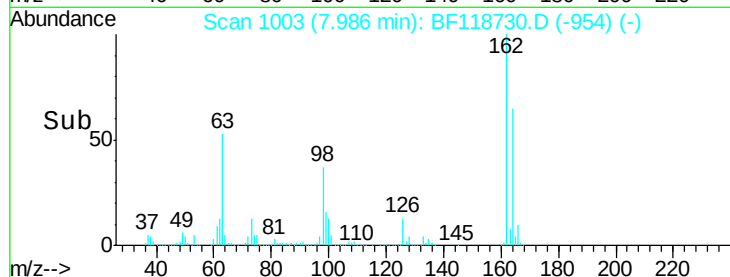
98 37.3 15.0 55.0



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: 44.387 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

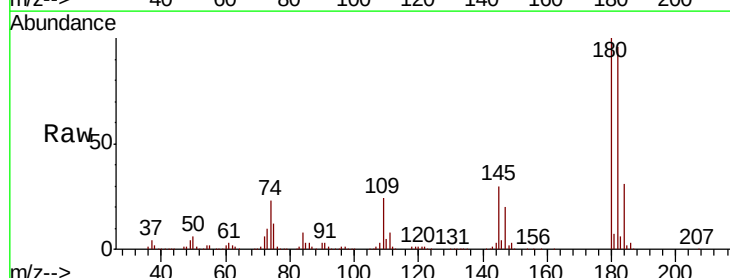
Tgt Ion:180 Resp: 907105

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

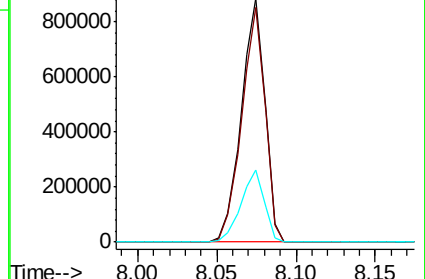
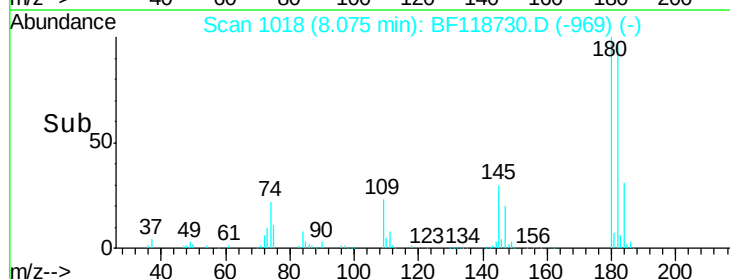
145 29.7 23.5 35.3

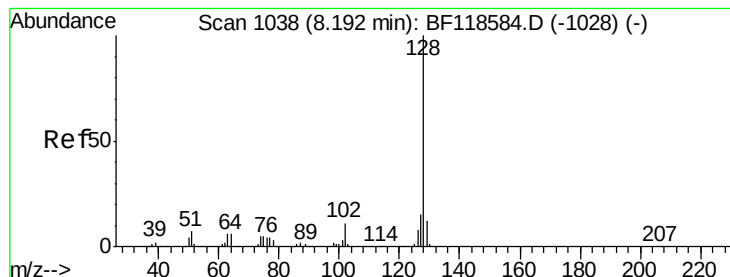


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.214 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

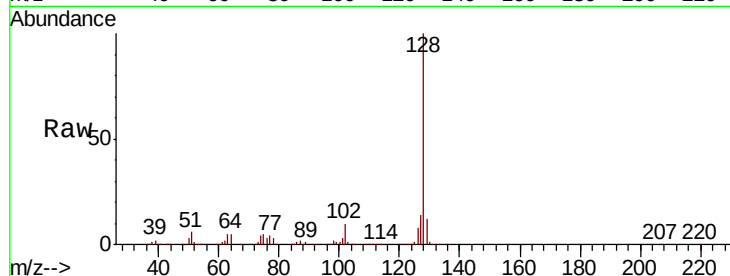
Tot Ion:128 Resp: 2522589

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

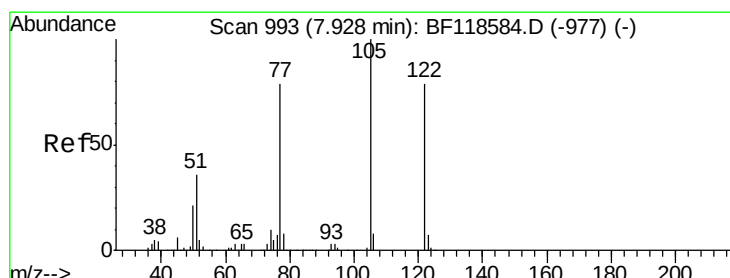
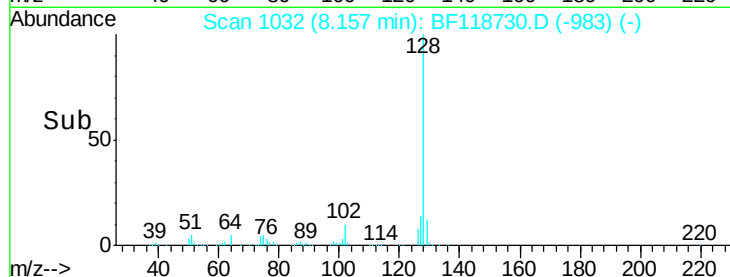
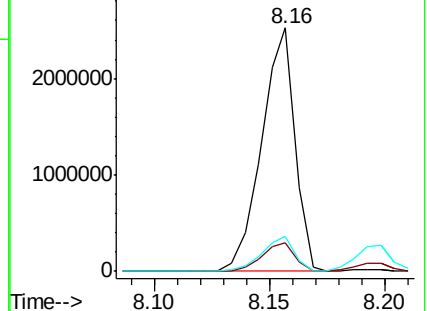
127 14.4 11.3 16.9



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: 45.147 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

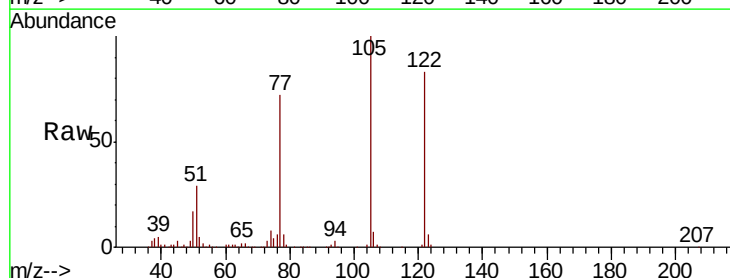
Tgt Ion:122 Resp: 540226

Ion Ratio Lower Upper

122 100

105 121.0 100.9 140.9

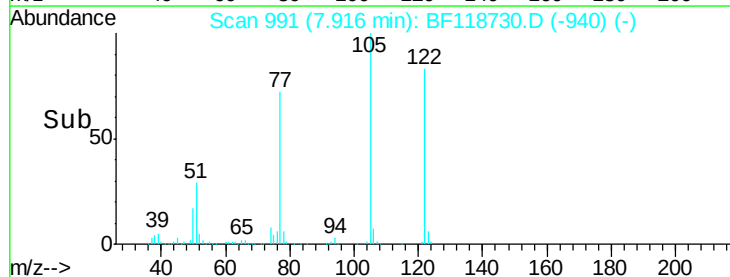
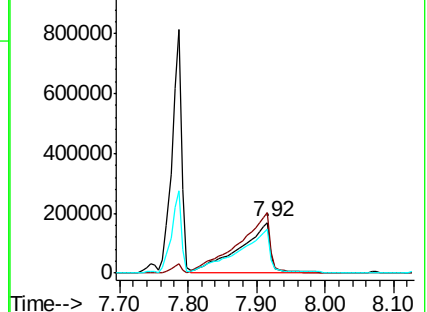
77 87.3 65.1 105.1

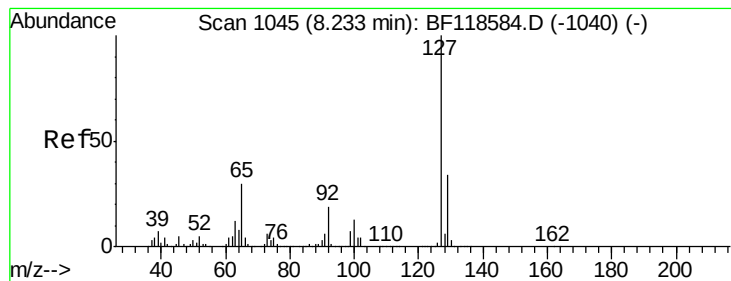


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.613 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 311464

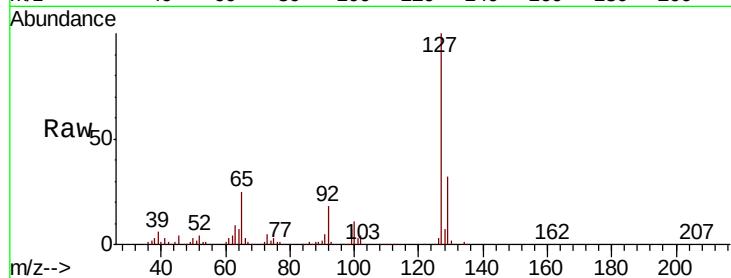
Ion Ratio Lower Upper

127 100

129 32.4 26.4 39.6

65 25.3 22.6 33.8

92 18.0 15.3 22.9

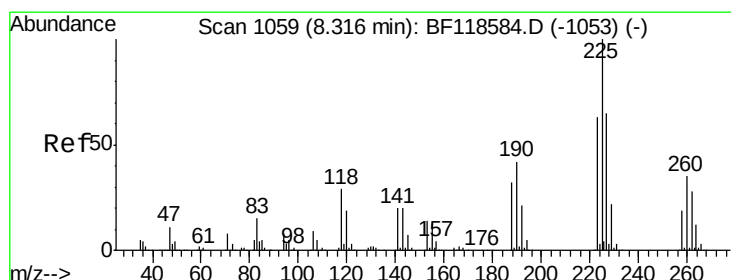
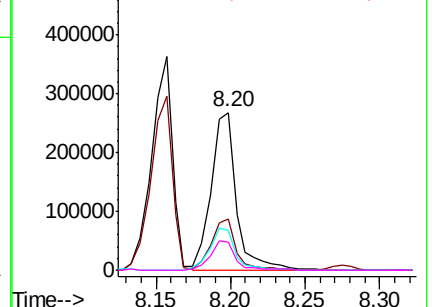
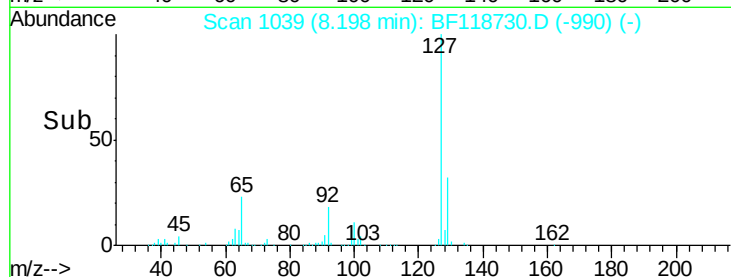


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.514 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

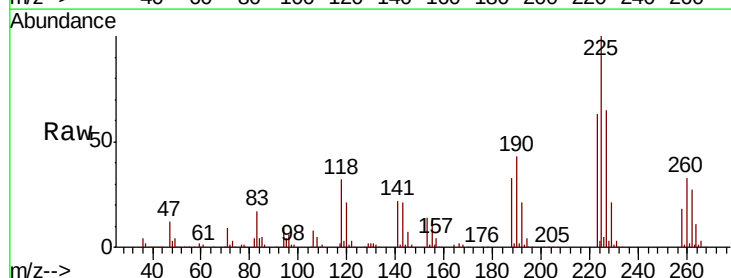
Tgt Ion:225 Resp: 529099

Ion Ratio Lower Upper

225 100

223 62.5 50.3 75.5

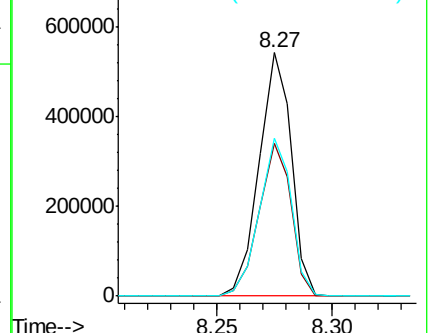
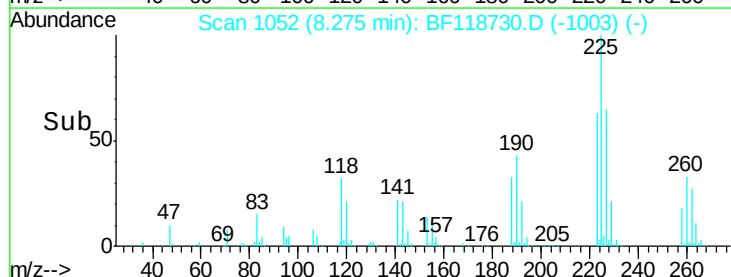
227 64.7 50.5 75.7

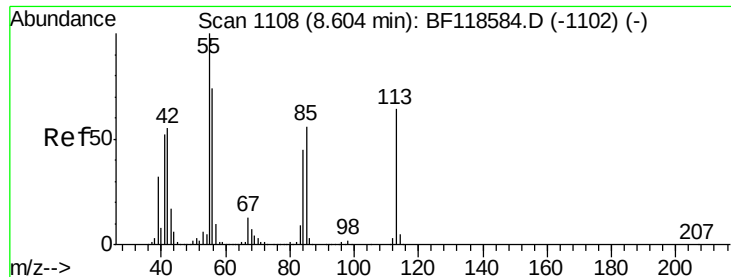


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.361 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

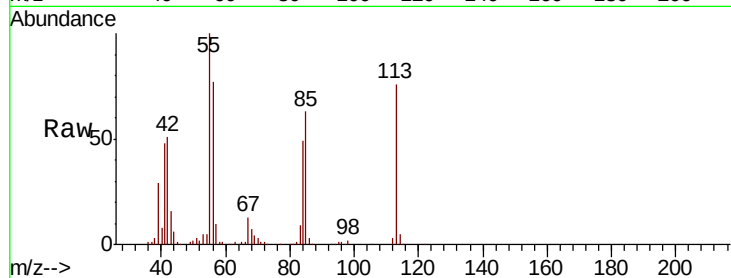
Tot Ion:113 Resp: 152045

Ion Ratio Lower Upper

113 100

55 131.6 119.0 159.0

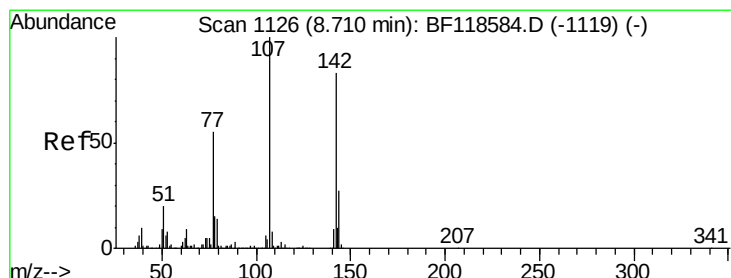
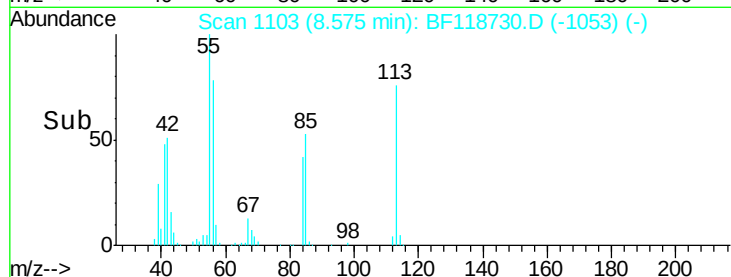
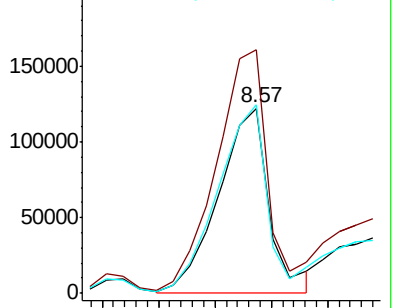
56 101.9 85.4 125.4



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: 48.218 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

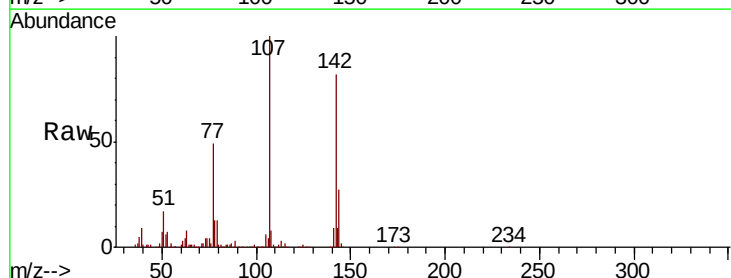
Tgt Ion:107 Resp: 839227

Ion Ratio Lower Upper

107 100

144 27.1 20.9 31.3

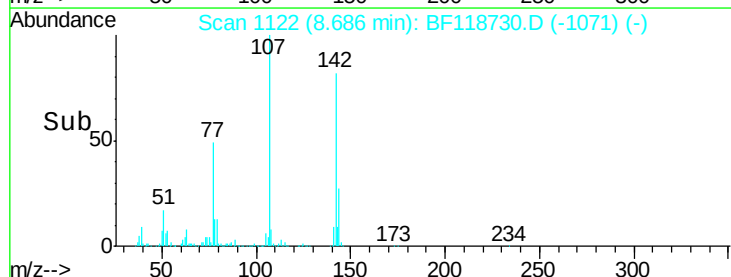
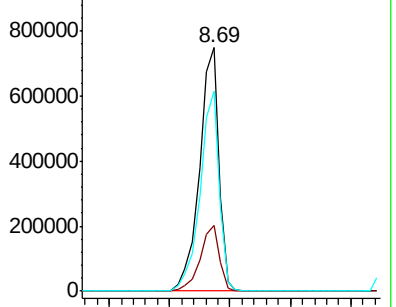
142 82.1 64.5 96.7

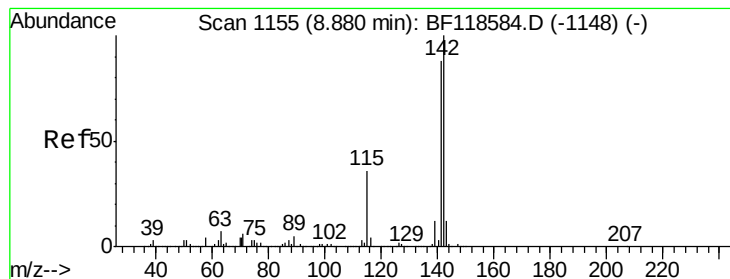


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.407 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

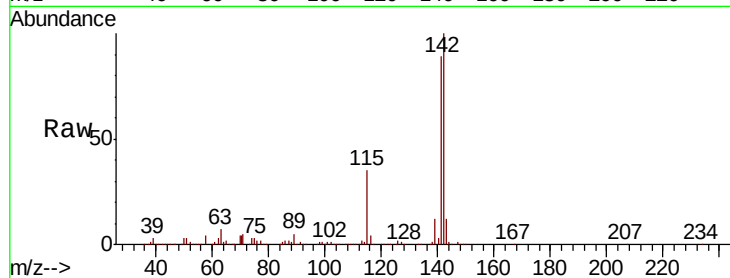
Tot Ion:142 Resp: 1787866

Ion Ratio Lower Upper

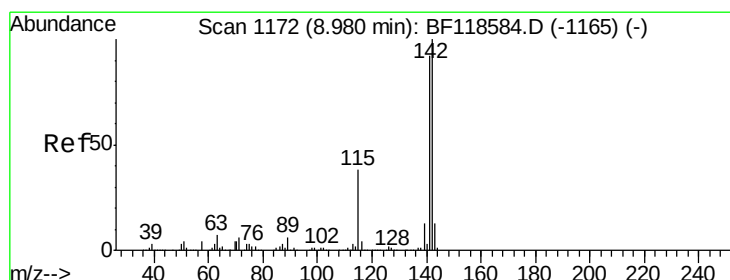
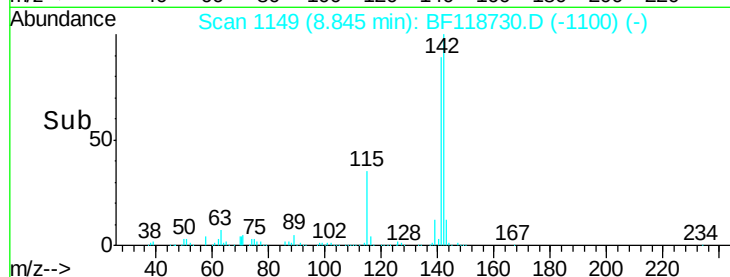
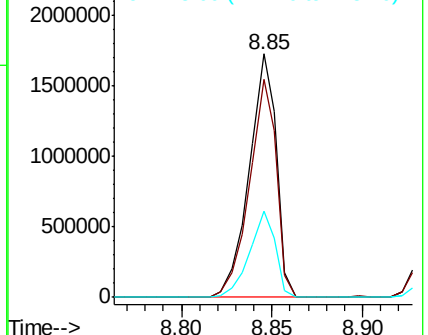
142 100

141 89.5 71.4 107.0

115 35.2 27.5 41.3



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



#38

1-Methylnaphthalene

Concen: 47.220 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

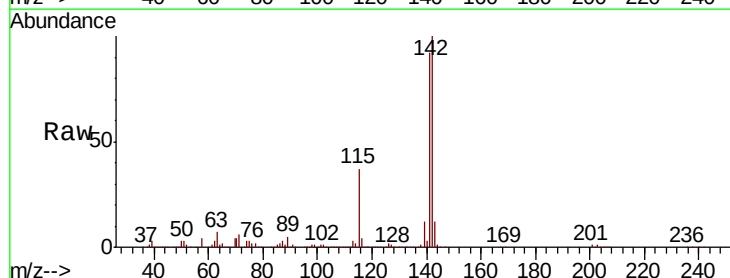
Tgt Ion:142 Resp: 1691867

Ion Ratio Lower Upper

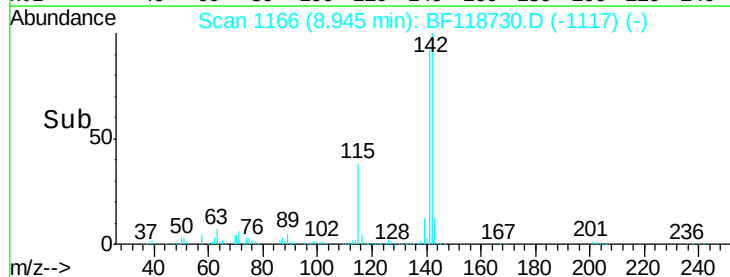
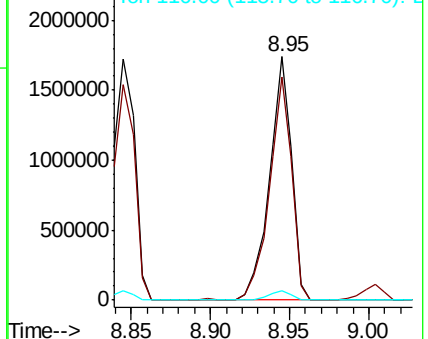
142 100

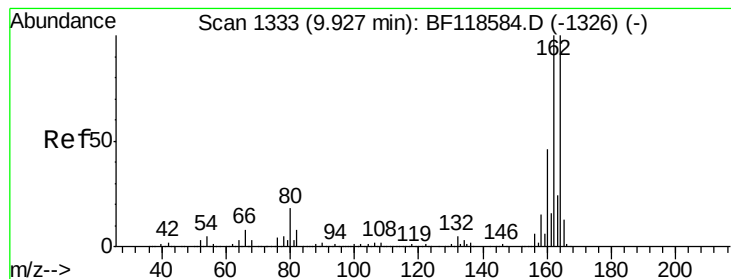
141 91.6 73.5 110.3

116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

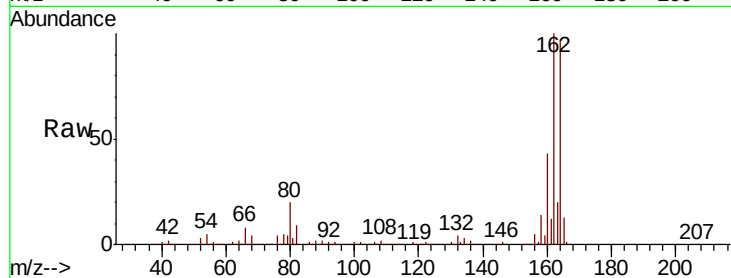
Tot Ion:164 Resp: 661752

Ion Ratio Lower Upper

164 100

162 103.5 80.8 121.2

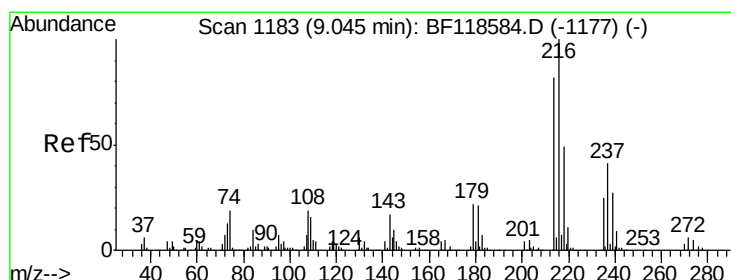
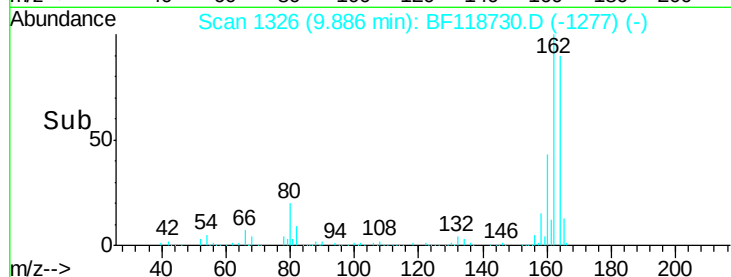
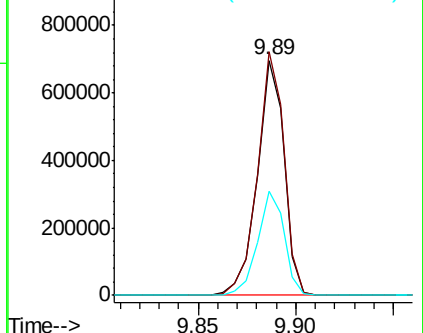
160 44.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.662 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion:216 Resp: 862636

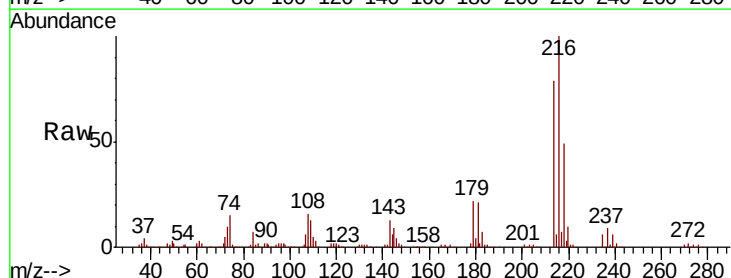
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 21.2 17.0 25.4

108 19.0 13.0 19.6

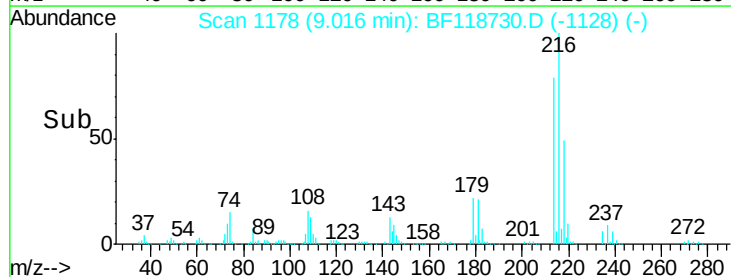
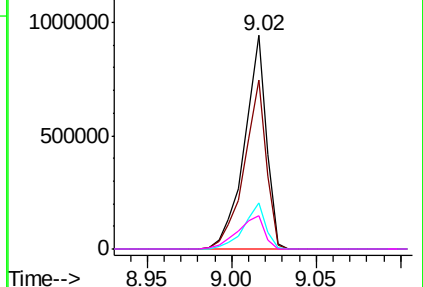


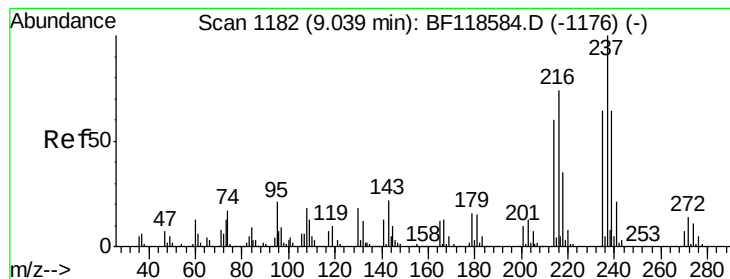
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.367 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

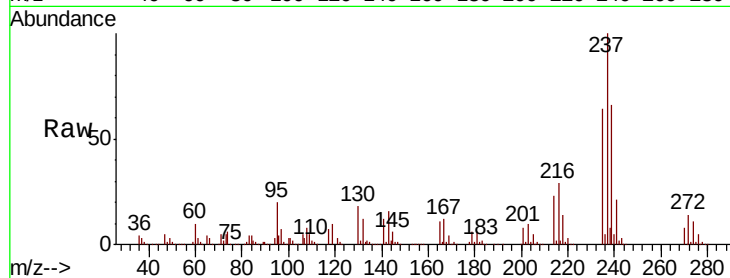
Tot Ion:237 Resp: 912696

Ion Ratio Lower Upper

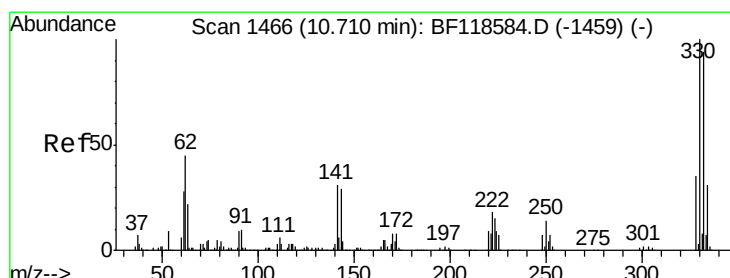
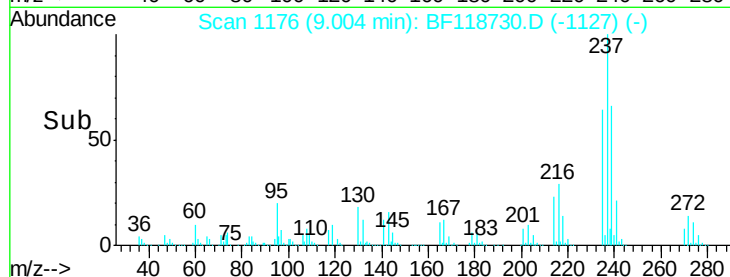
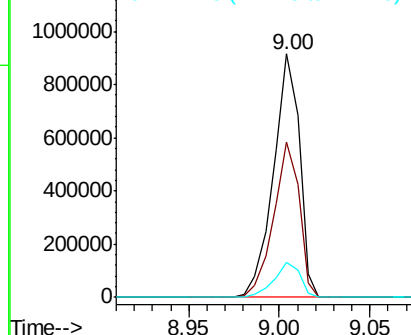
237 100

235 63.8 42.7 82.7

272 14.3 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: 106.253 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

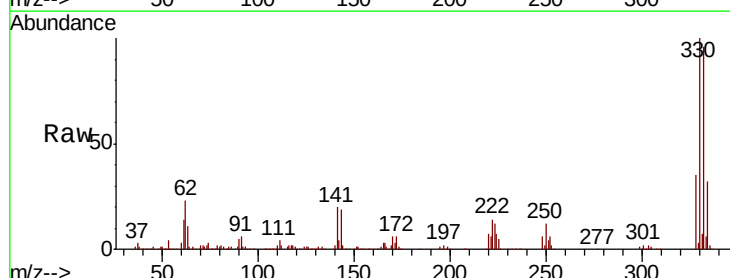
Tgt Ion:330 Resp: 813260

Ion Ratio Lower Upper

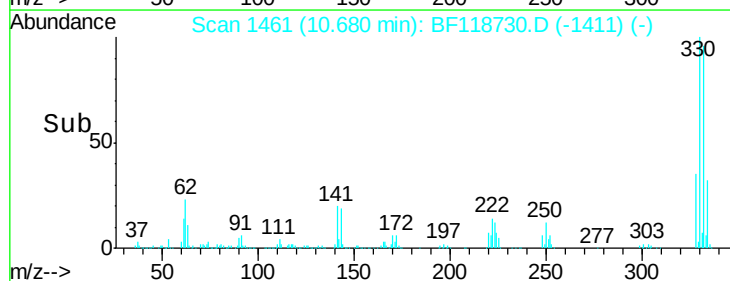
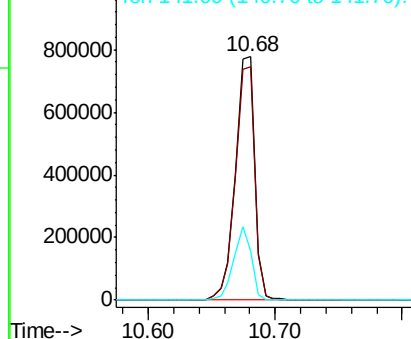
330 100

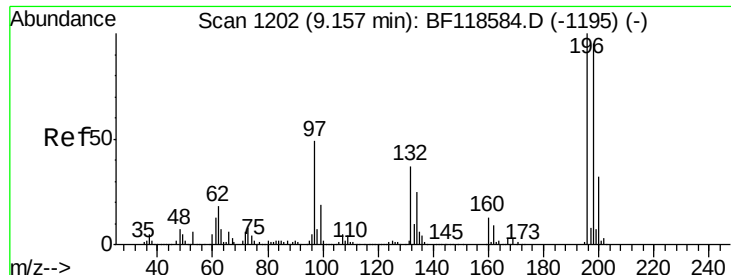
332 96.5 77.6 116.4

141 27.6 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

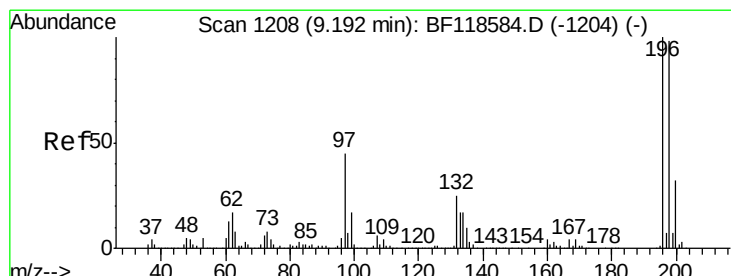
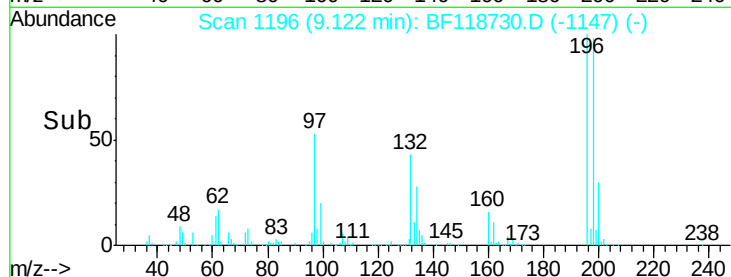
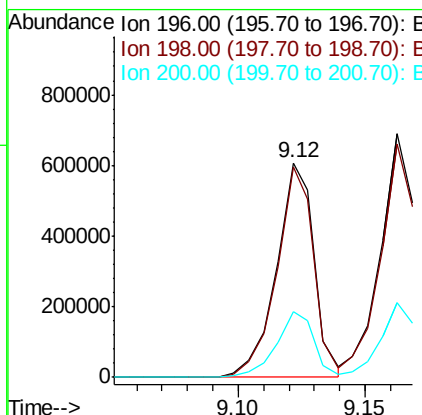
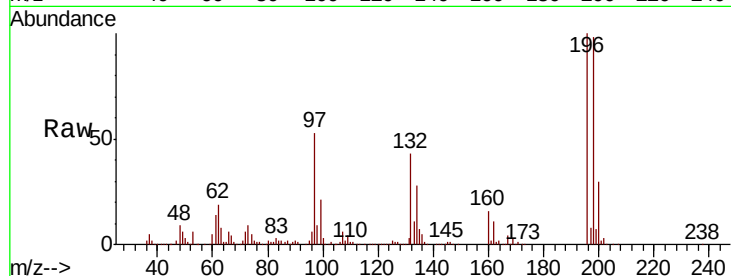




#43
 2,4,6-Trichlorophenol
 Concen: 45.869 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

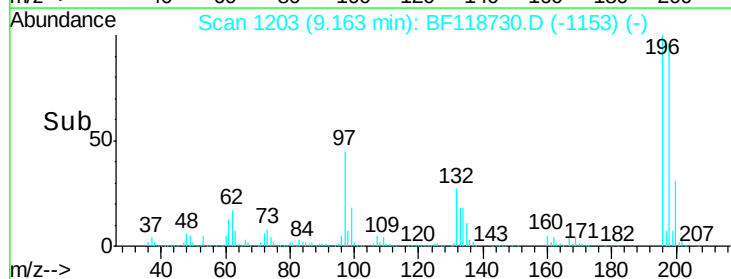
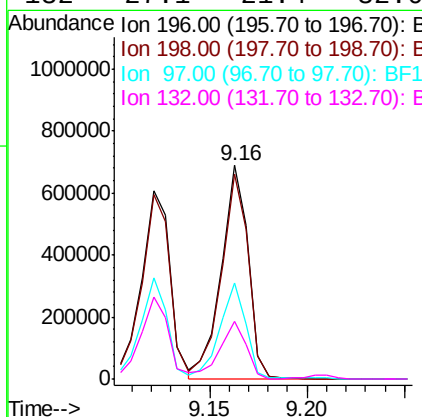
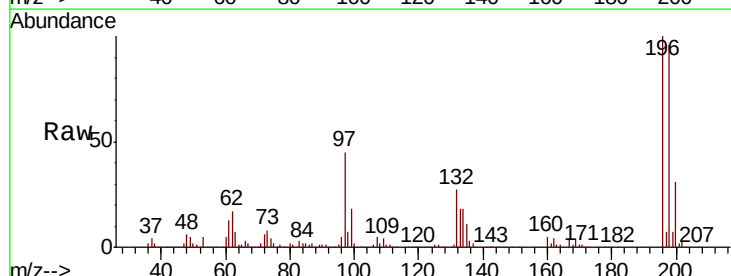
Instrument :
 BNA_F
 ClientSampled :

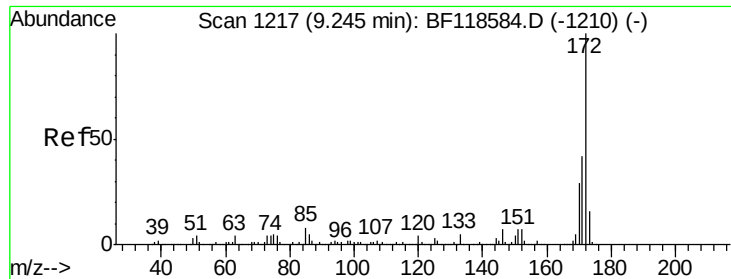
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.4	114.6
200	30.4	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 46.878 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
97	45.2	35.7	53.5
132	27.1	21.4	32.0

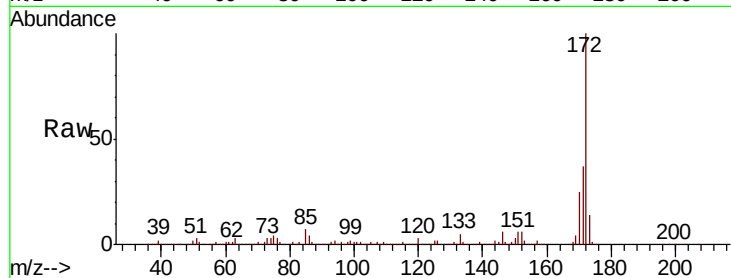




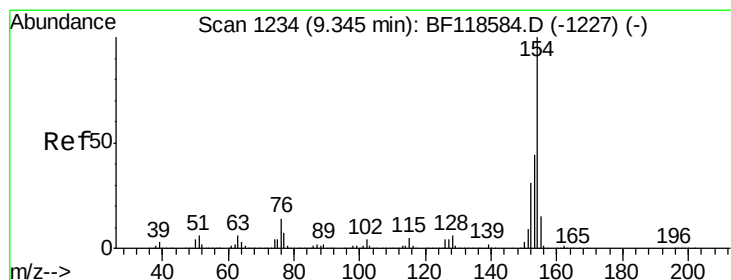
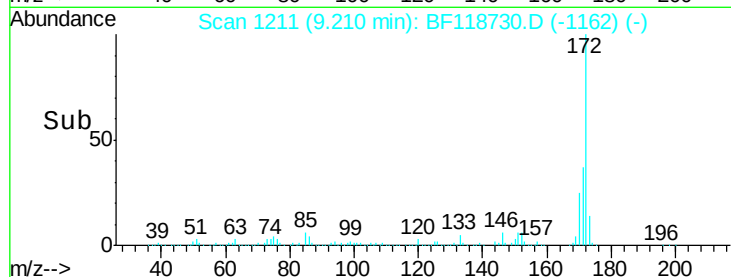
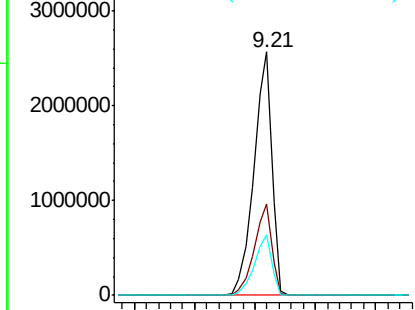
#45
2-Fluorobiphenyl
Concen: 66.281 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2668607
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.9 20.7 31.1

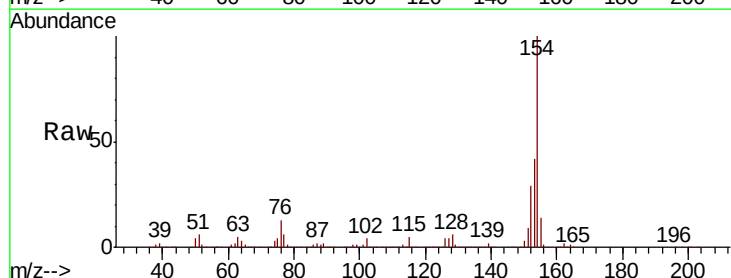


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

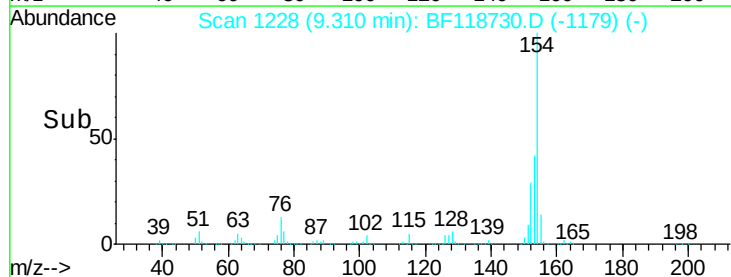
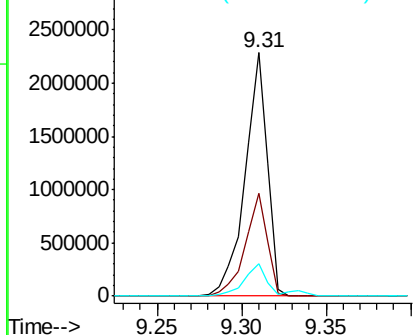


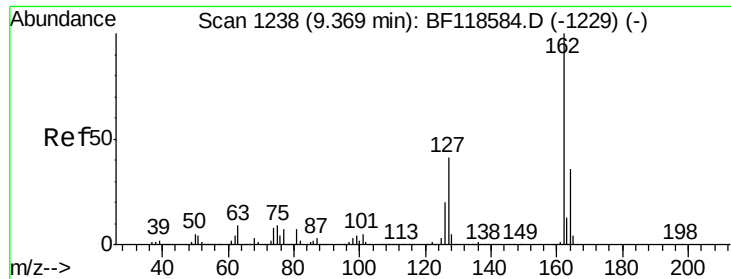
#46
1,1'-Biphenyl
Concen: 46.308 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:154 Resp: 2112013
Ion Ratio Lower Upper
154 100
153 42.3 22.3 62.3
76 13.4 0.0 32.0



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

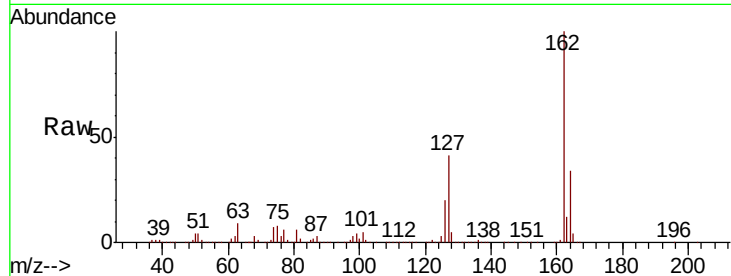




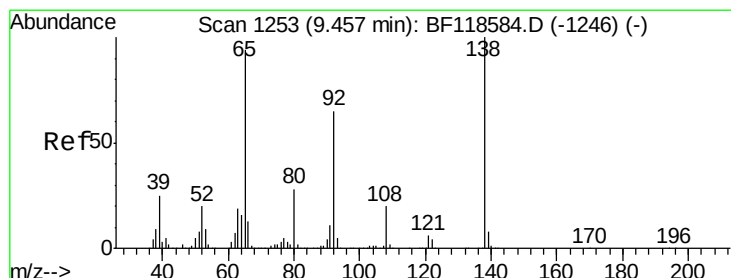
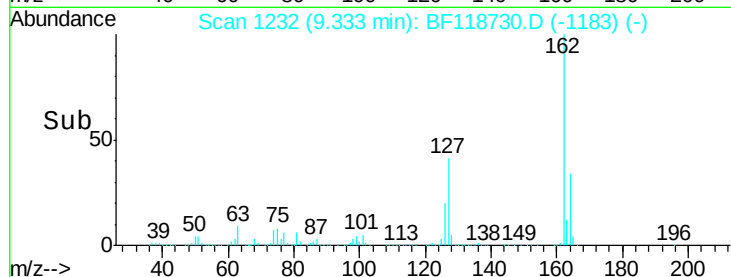
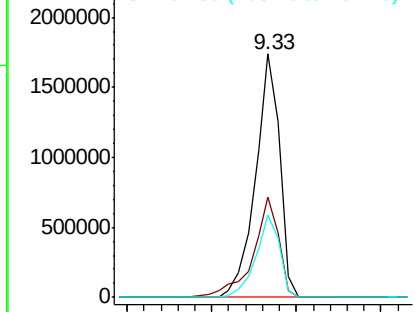
#47
 2-Chloronaphthalene
 Concen: 44.923 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1726904
 Ion Ratio Lower Upper
 162 100
 127 41.4 32.9 49.3
 164 33.8 27.5 41.3

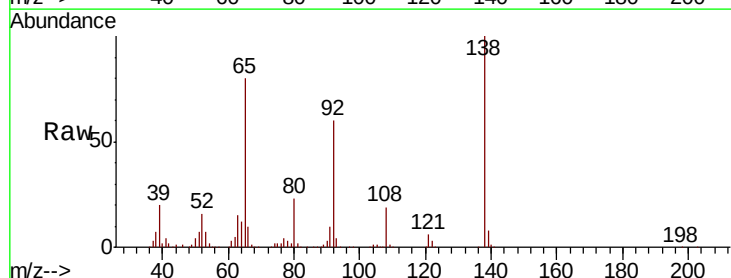


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

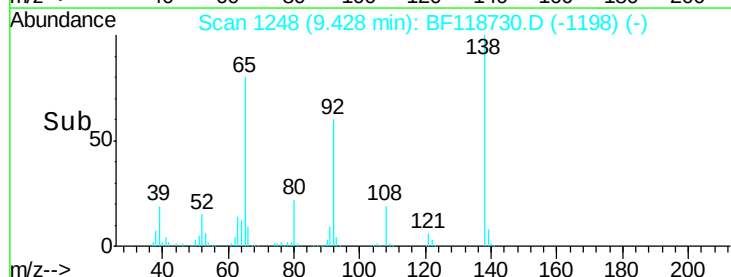
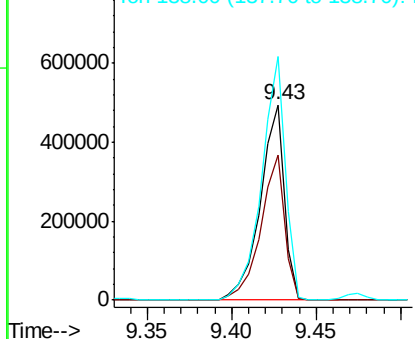


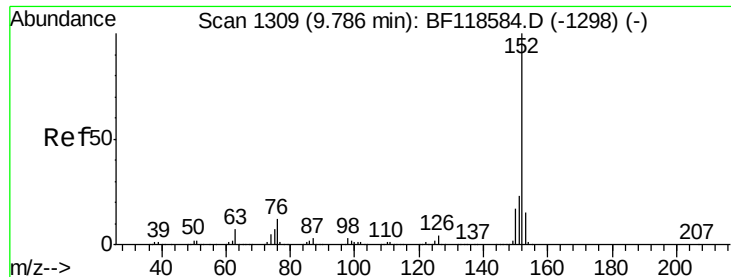
#48
 2-Nitroaniline
 Concen: 41.394 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion: 65 Resp: 489149
 Ion Ratio Lower Upper
 65 100
 92 74.6 57.8 86.6
 138 124.7 95.1 142.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.838 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

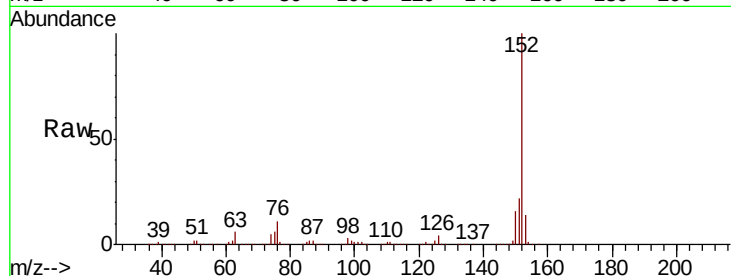
Tot Ion:152 Resp: 2641156

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

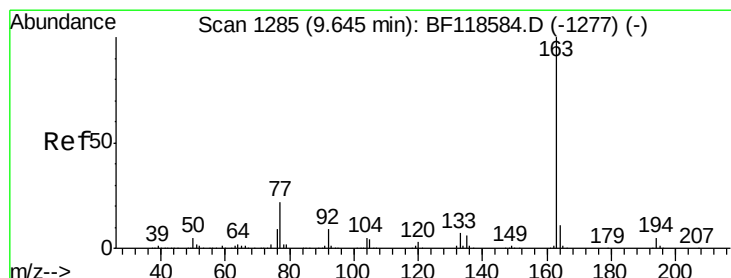
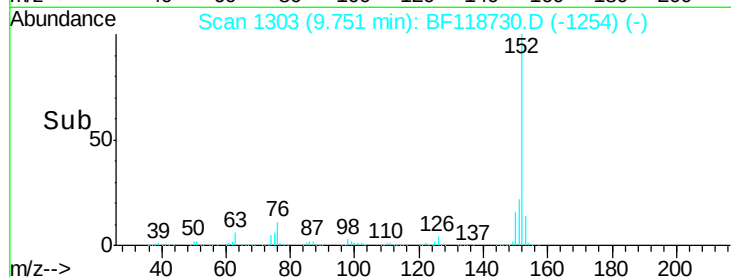
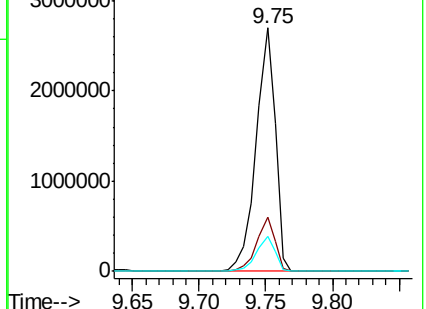
153 14.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.503 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

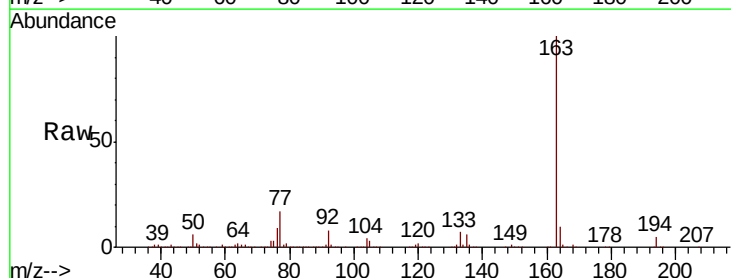
Tgt Ion:163 Resp: 2436095

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

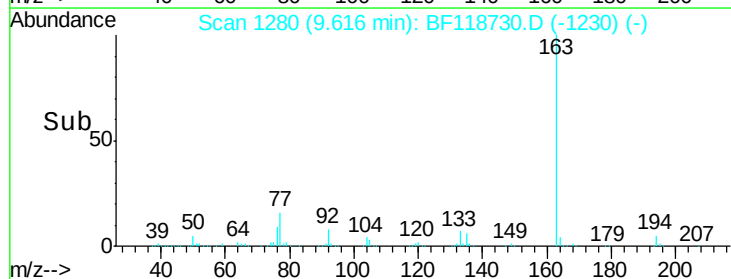
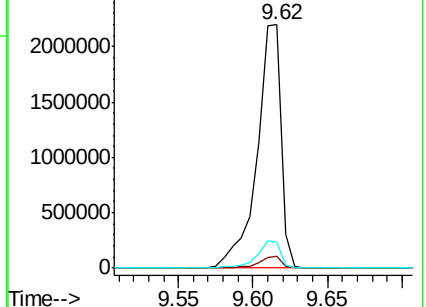
164 10.4 8.2 12.2

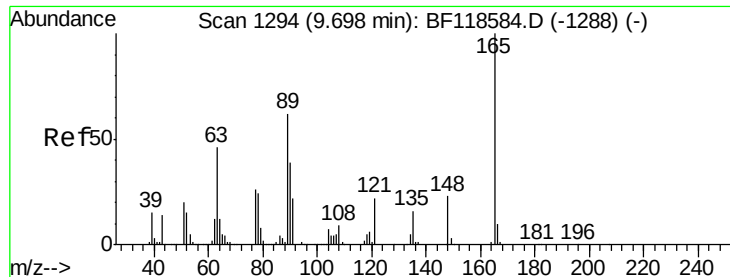


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

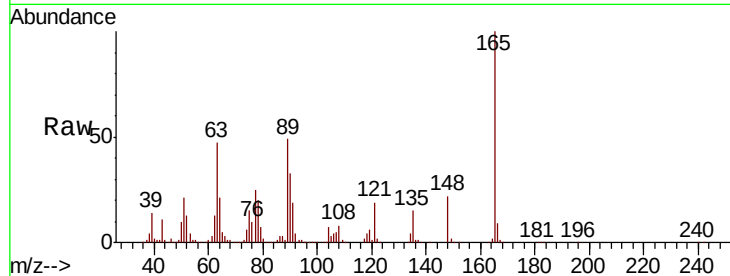




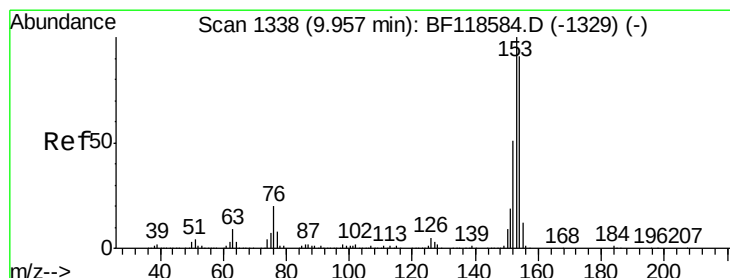
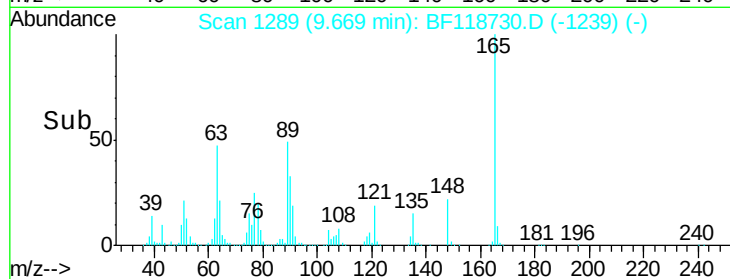
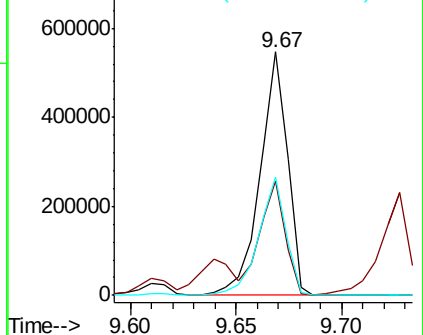
#51
2,6-Dinitrotoluene
Concen: 51.378 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 496022
Ion Ratio Lower Upper
165 100
63 46.8 39.8 59.6
89 48.6 41.4 62.2

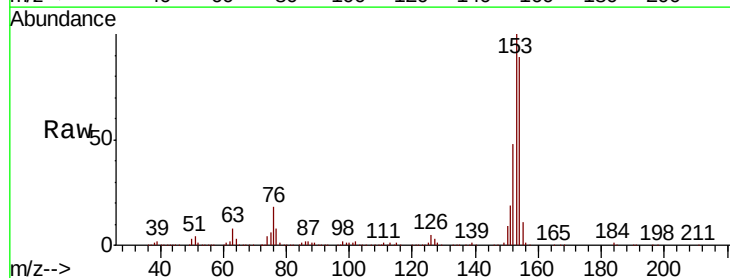


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

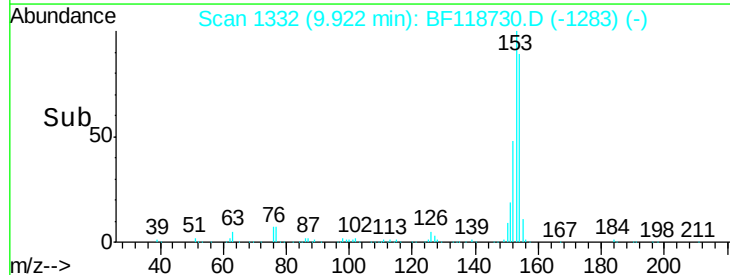
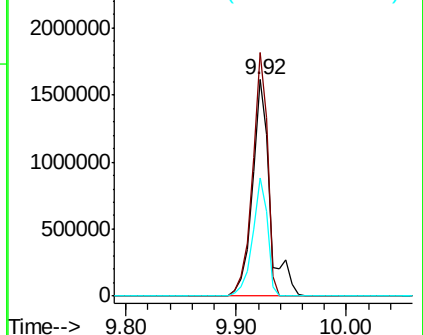


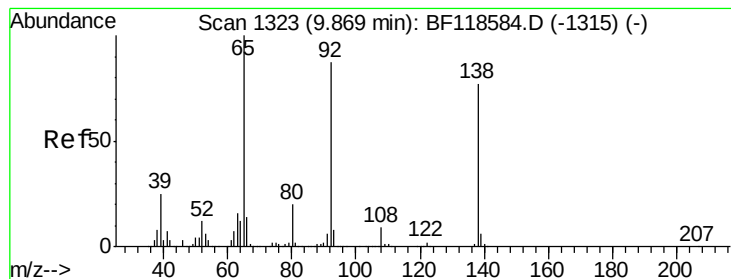
#52
Acenaphthene
Concen: 49.530 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:154 Resp: 1791105
Ion Ratio Lower Upper
154 100
153 112.4 89.1 133.7
152 54.2 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: 24.030 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

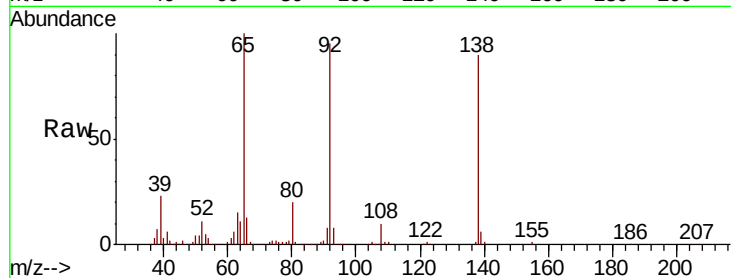
Tot Ion:138 Resp: 264913

Ion Ratio Lower Upper

138 100

108 11.2 8.8 13.2

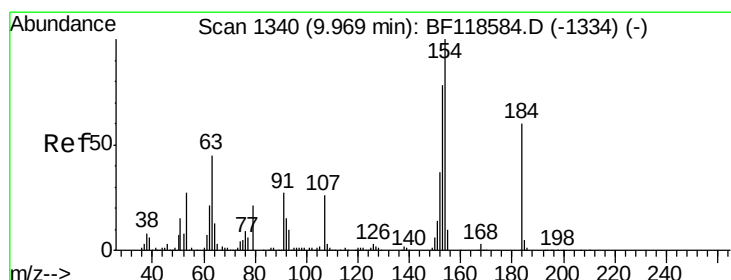
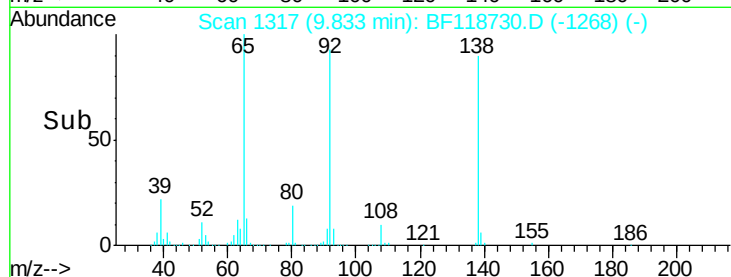
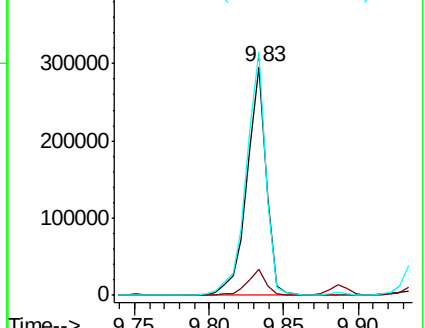
92 106.6 87.8 131.6



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: 110.204 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

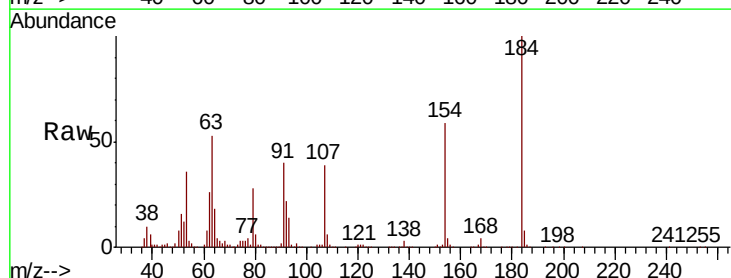
Tgt Ion:184 Resp: 424758

Ion Ratio Lower Upper

184 100

63 52.9 36.0 54.0

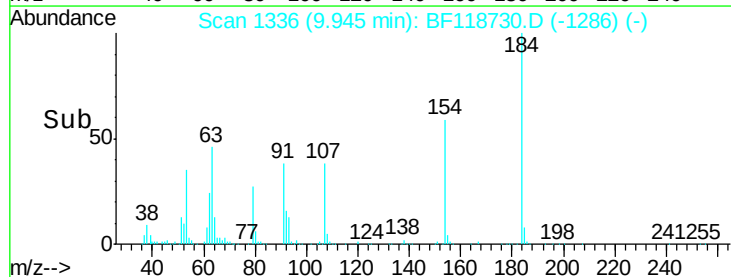
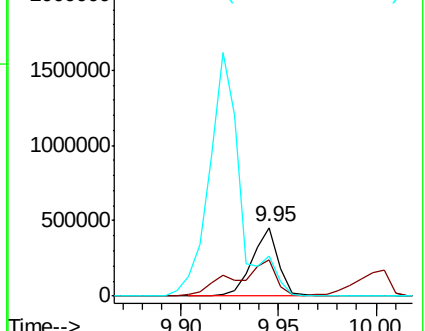
154 58.7 44.6 66.8

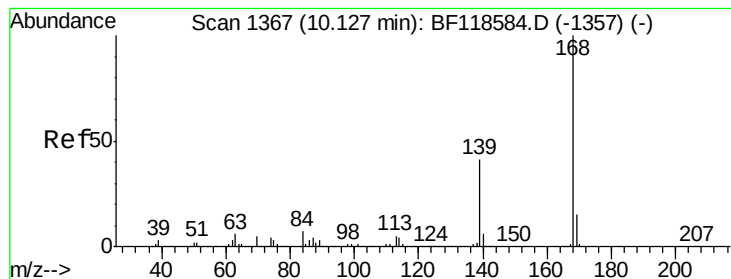


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 47.799 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

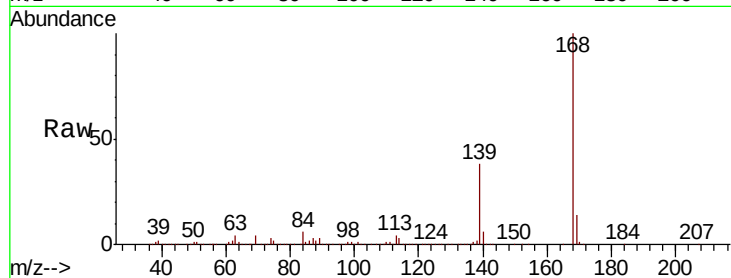
Tot Ion:168 Resp: 2395378

Ion Ratio Lower Upper

168 100

139 37.5 31.6 47.4

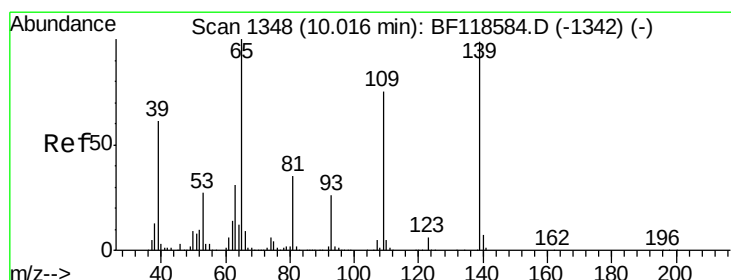
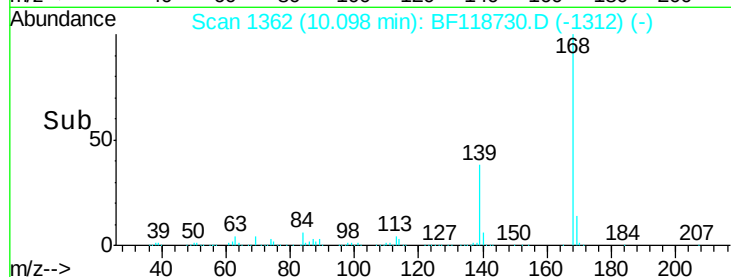
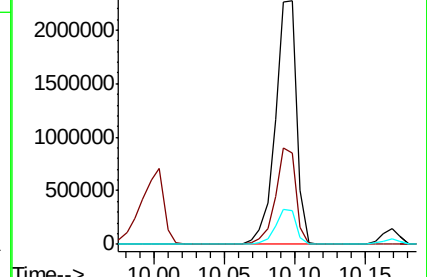
169 13.7 11.4 17.0



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: 96.945 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

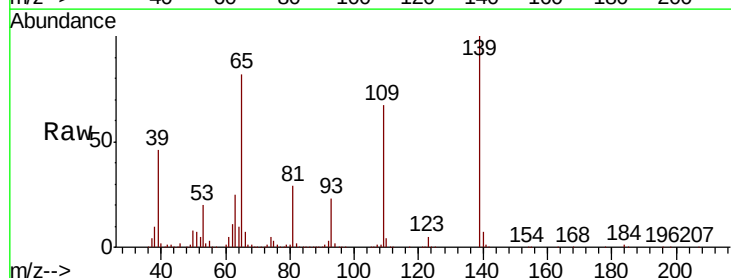
Tgt Ion:139 Resp: 806788

Ion Ratio Lower Upper

139 100

109 67.4 47.0 87.0

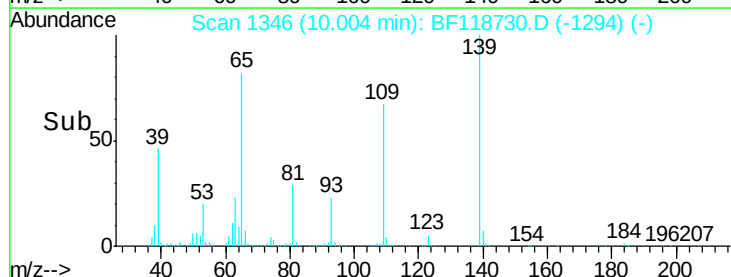
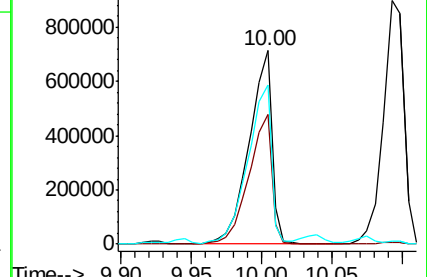
65 82.1 65.7 105.7

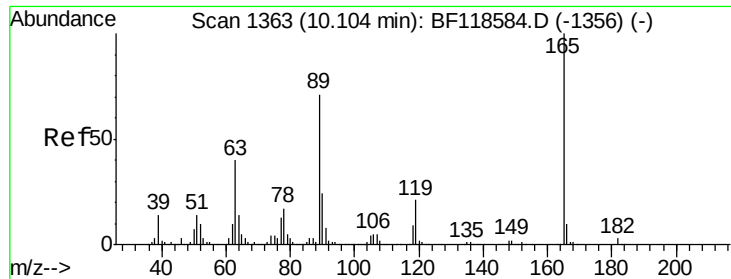


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

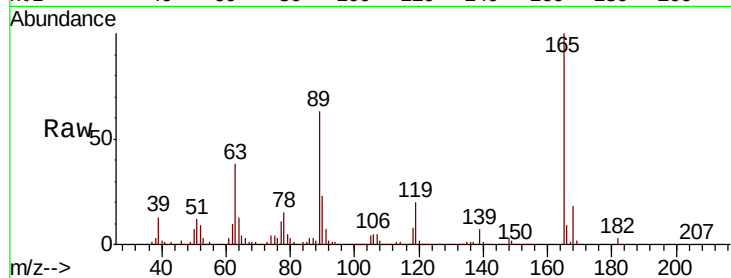




#57
 2,4-Dinitrotoluene
 Concen: 53.850 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	28.5	42.7
89	63.4	50.4	75.6
182	3.0	2.3	3.5

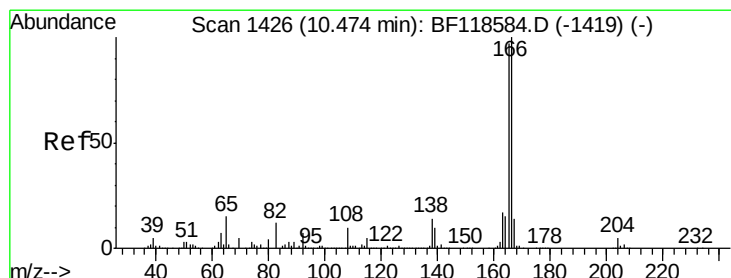
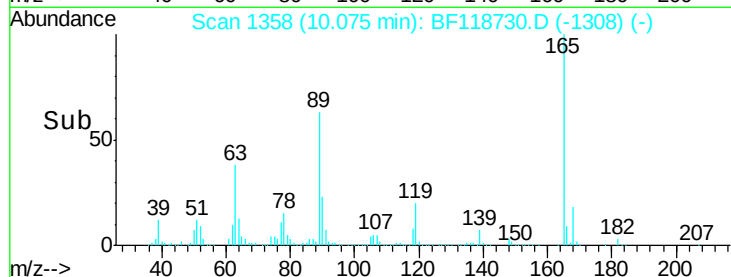
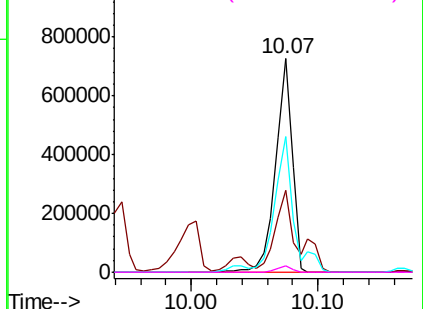


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

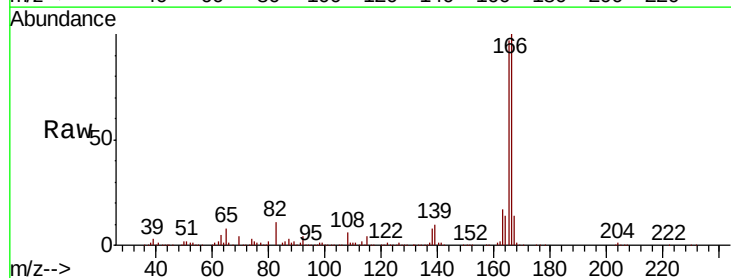
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.543 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

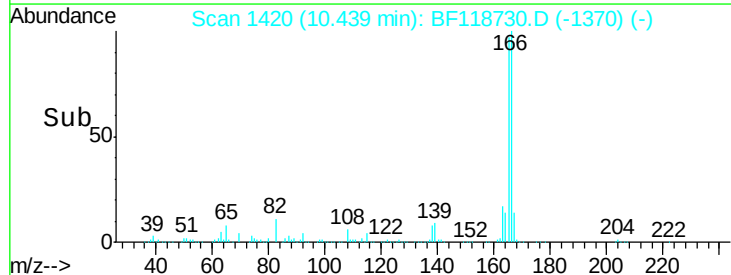
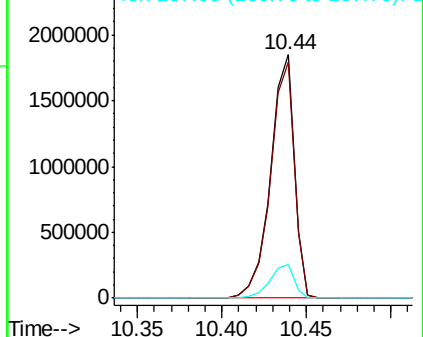
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	118.0
167	13.8	11.4	17.2

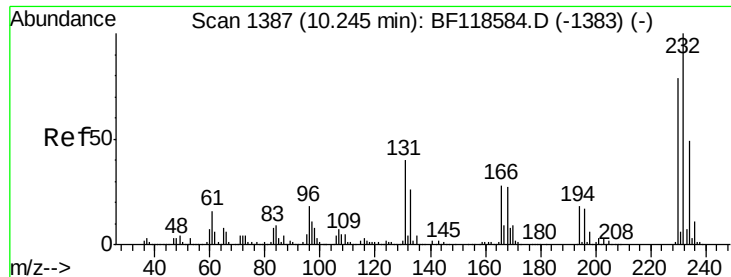


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

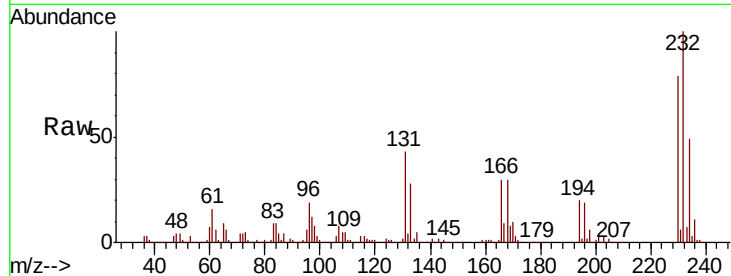




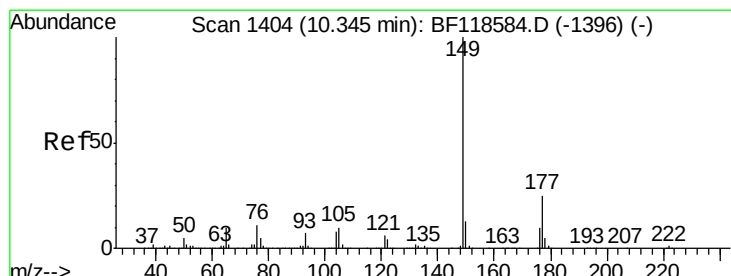
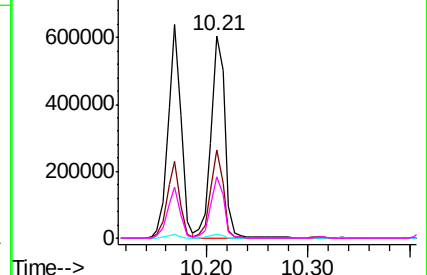
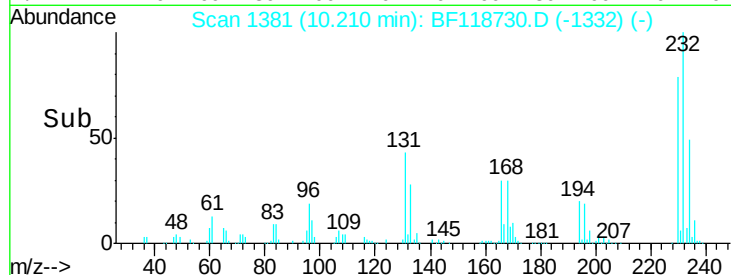
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.765 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	577199
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

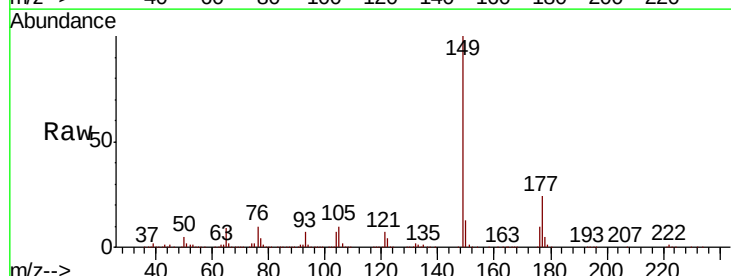


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

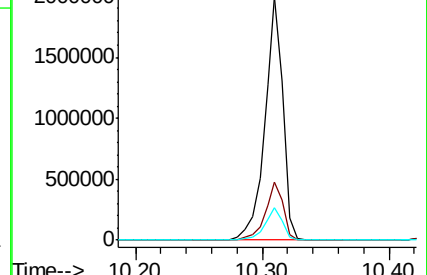
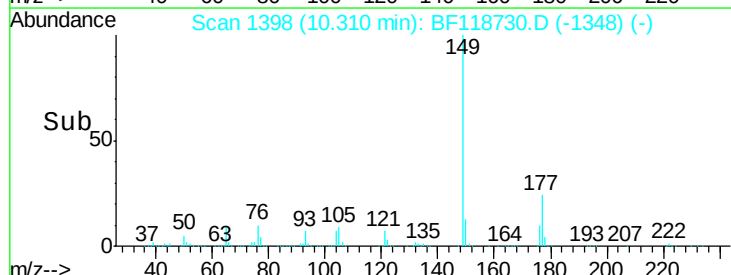


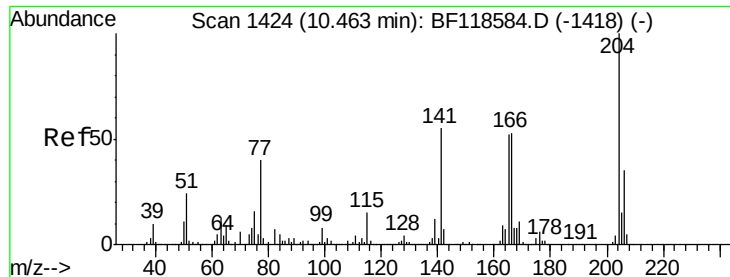
#60
 Diethylphthalate
 Concen: 47.217 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion:	149	Resp:	1973776
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	13.3	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

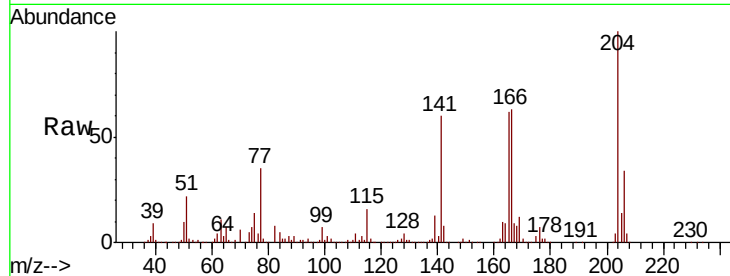




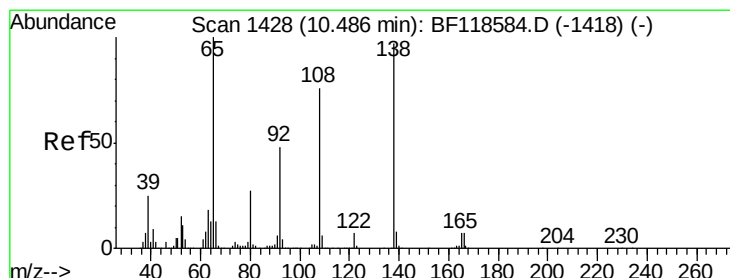
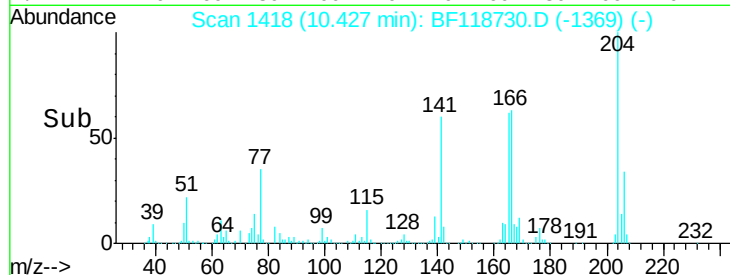
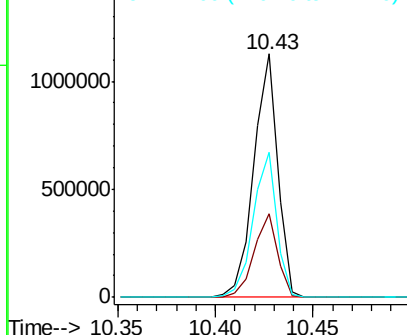
#61
4-Chlorophenyl-phenylether
Concen: 44.787 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 958308
Ion Ratio Lower Upper
204 100
206 34.2 27.0 40.6
141 59.7 43.9 65.9

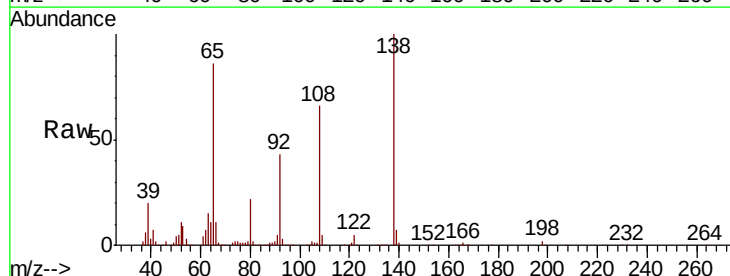


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

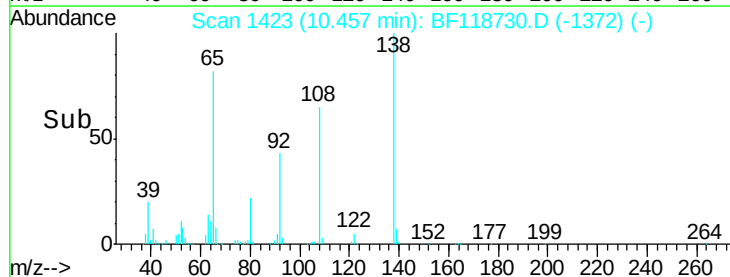
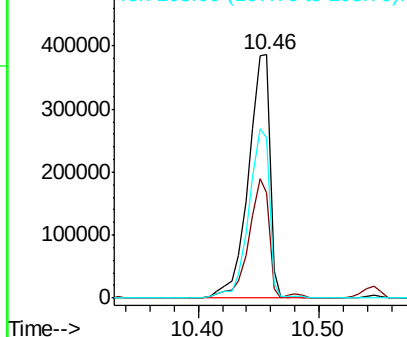


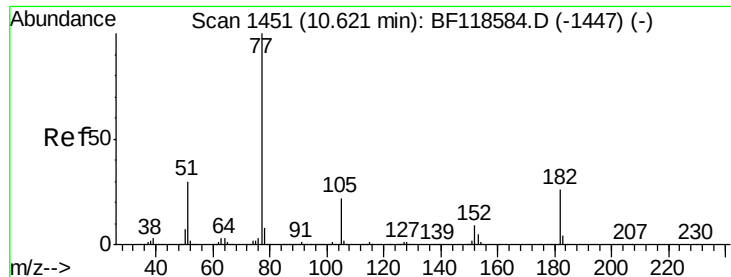
#62
4-Nitroaniline
Concen: 42.895 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:138 Resp: 485058
Ion Ratio Lower Upper
138 100
92 43.1 29.2 69.2
108 65.9 50.8 90.8



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

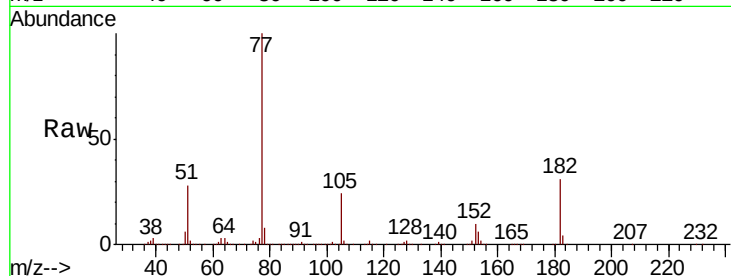




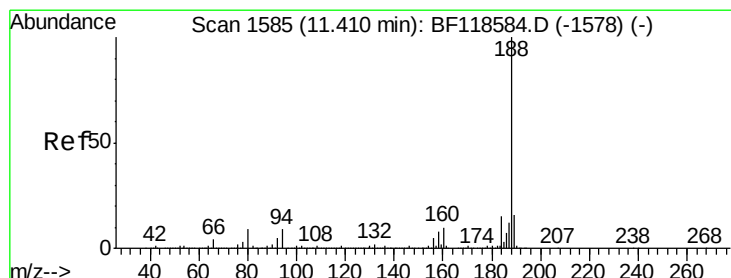
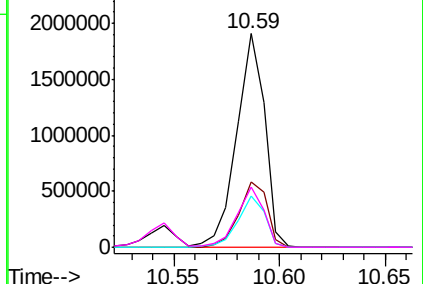
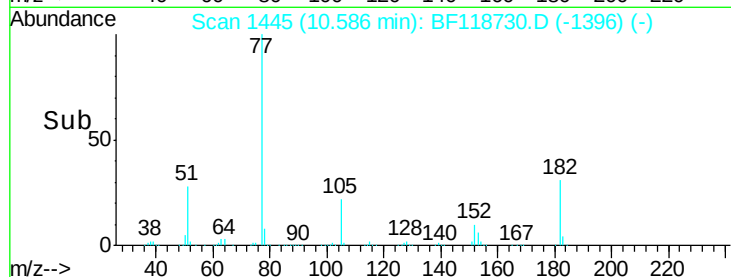
#63
Azobenzene
Concen: 43.150 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1746885
Ion Ratio Lower Upper
77 100
182 30.6 12.3 52.3
105 23.8 4.0 44.0
51 28.3 7.2 47.2

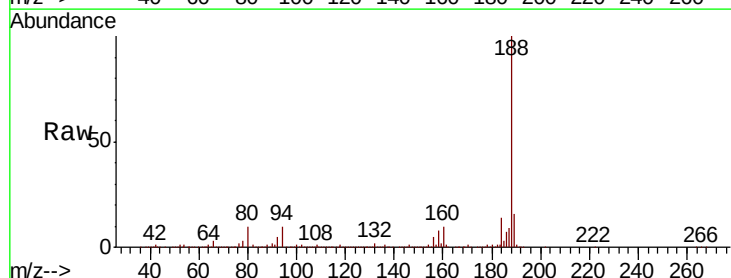


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

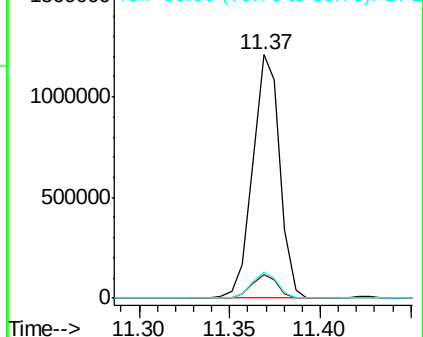
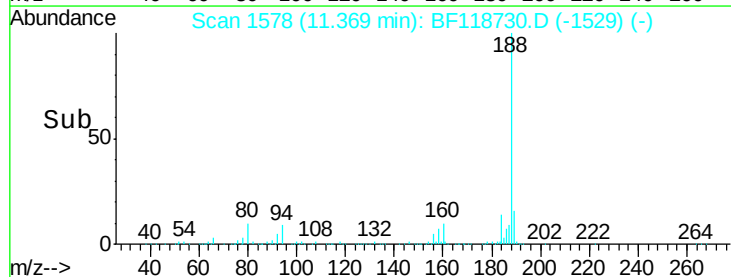


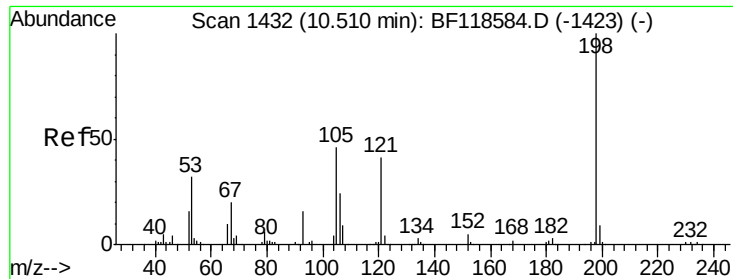
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion: 188 Resp: 1249050
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.5 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
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: 61.769 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

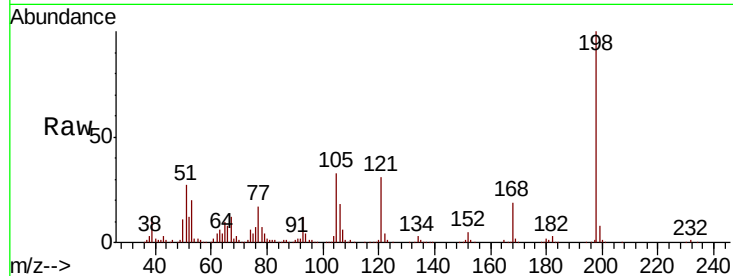
Tot Ion:198 Resp: 339259

Ion Ratio Lower Upper

198 100

51 27.4 9.6 49.6

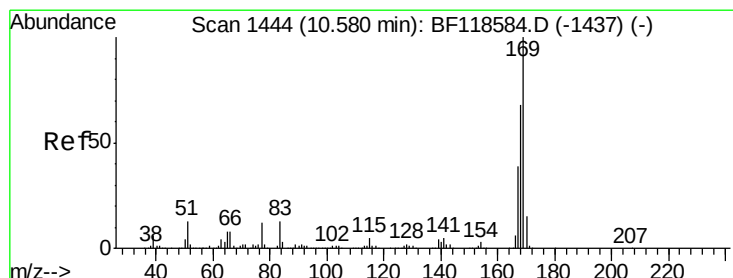
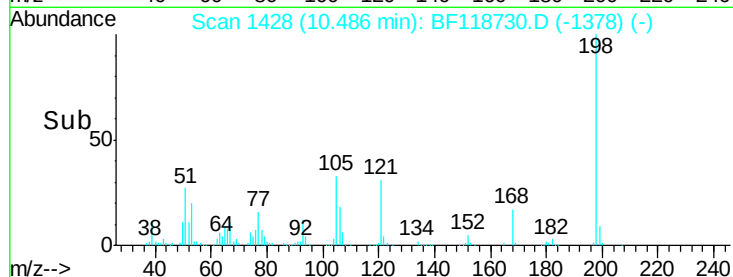
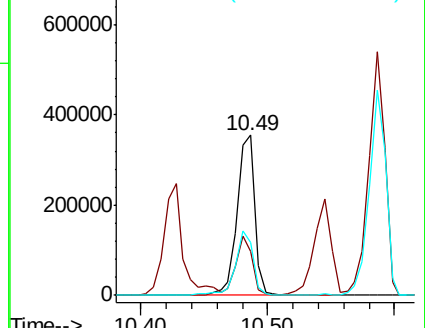
105 32.9 15.5 55.5



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: 45.543 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

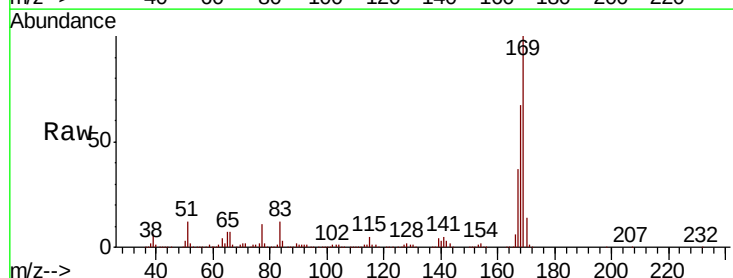
Tgt Ion:169 Resp: 1715546

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

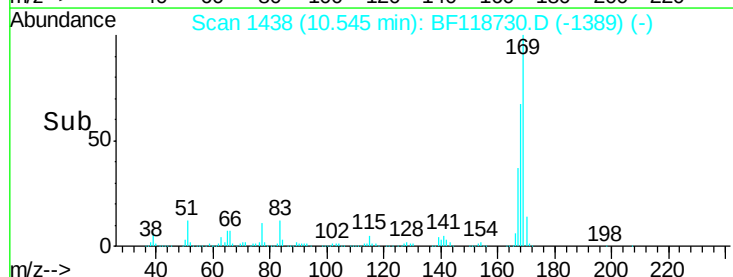
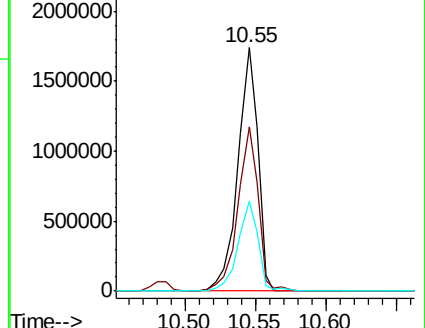
167 37.2 29.2 43.8

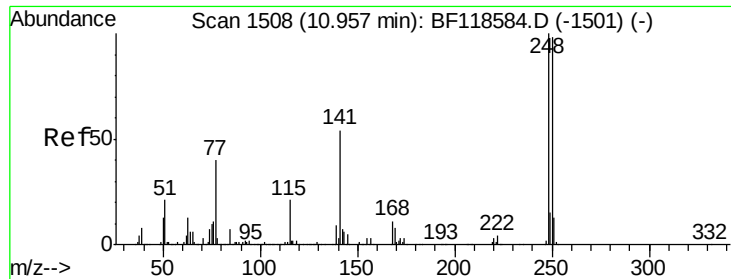


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

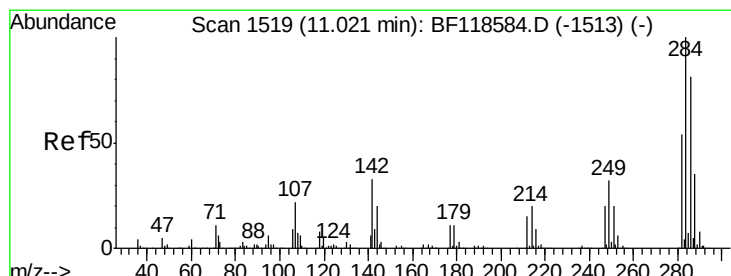
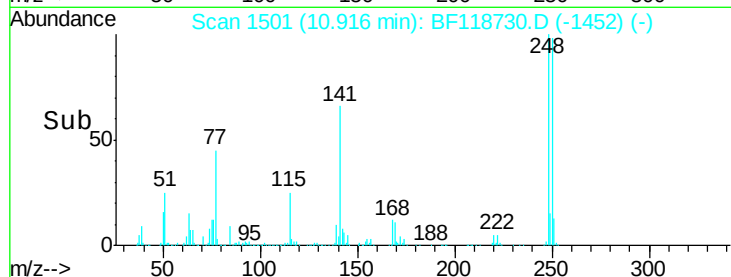
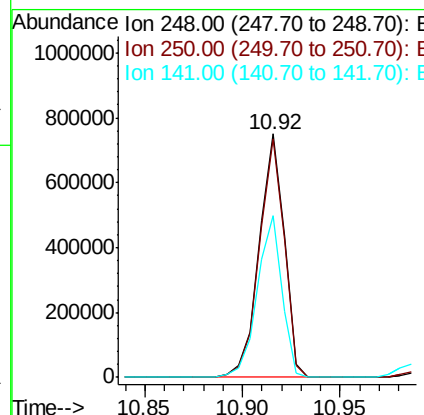
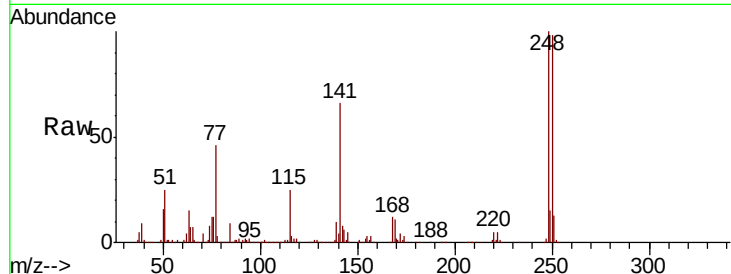




#67
4-Bromophenyl-phenylether
Concen: 43.418 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

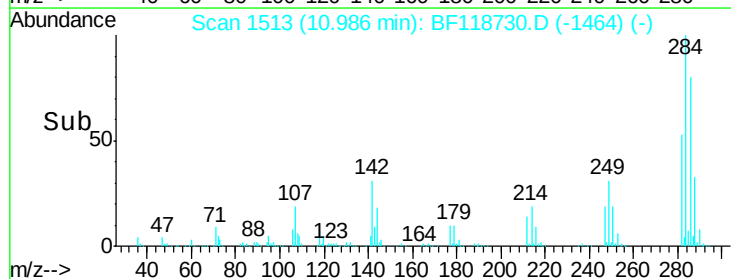
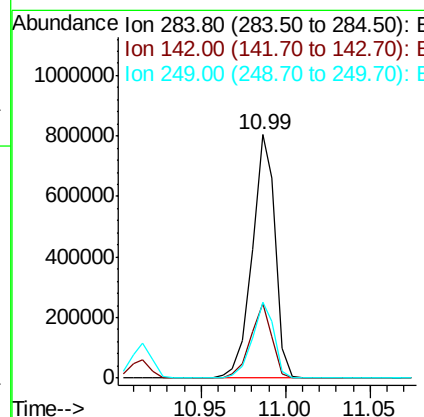
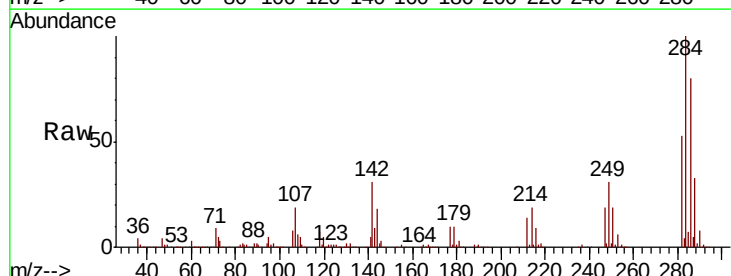
Instrument :
BNA_F
ClientSampled :

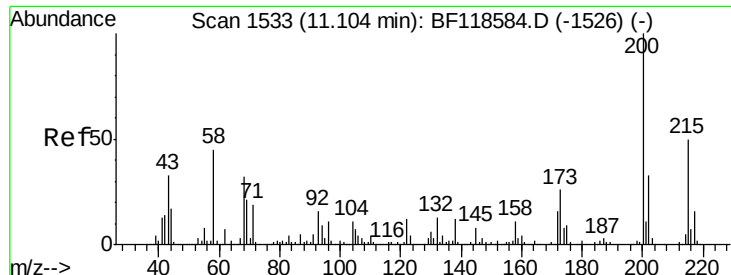
Tot Ion:248 Resp: 670012
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 66.3 48.4 72.6



#68
Hexachlorobenzene
Concen: 43.573 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:284 Resp: 762324
Ion Ratio Lower Upper
284 100
142 30.7 23.1 34.7
249 31.1 24.0 36.0

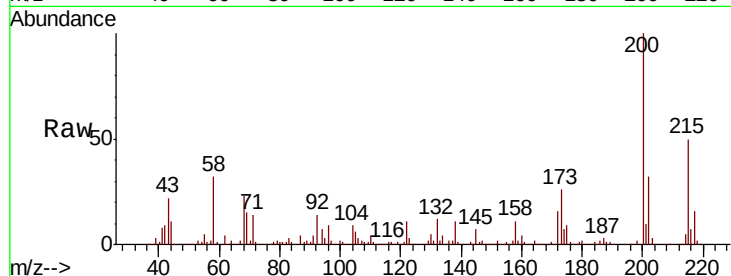




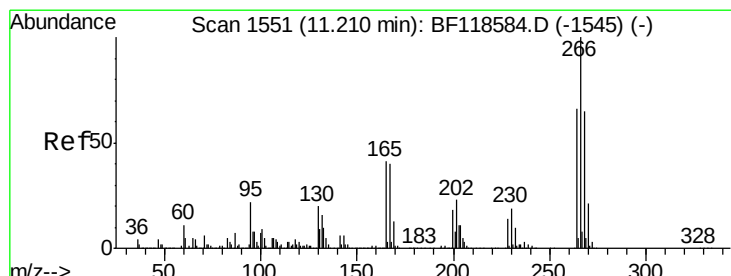
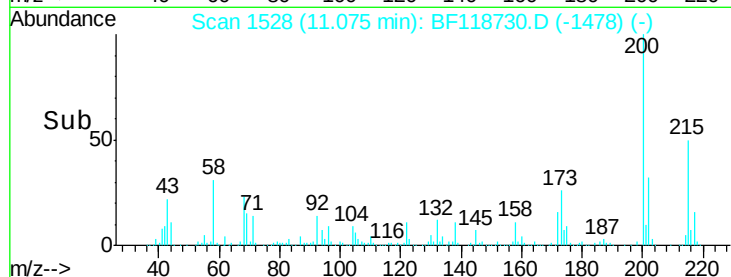
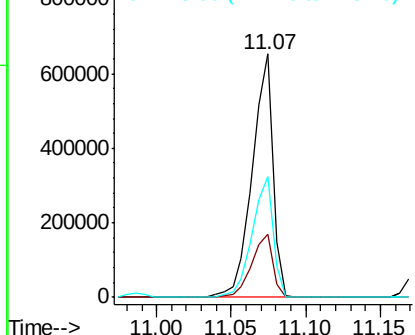
#69
 Atrazine
 Concen: 47.377 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.8	46.8
215	49.8	30.4	70.4

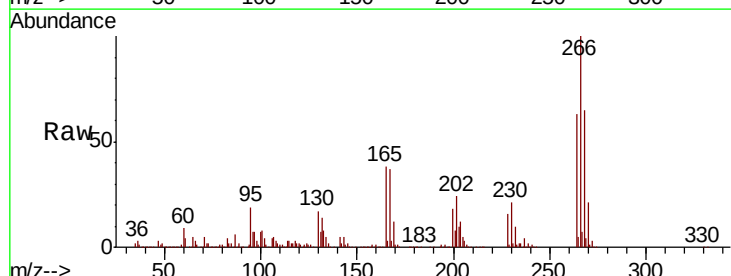


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

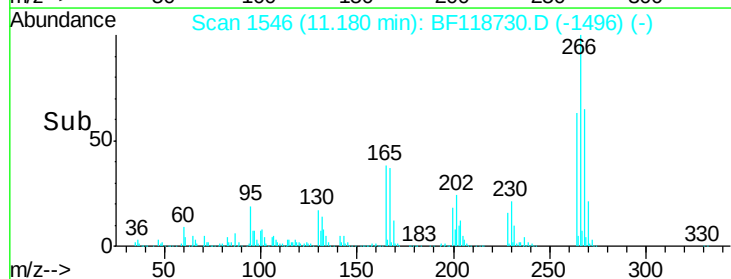
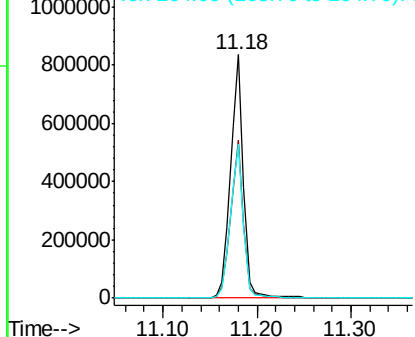


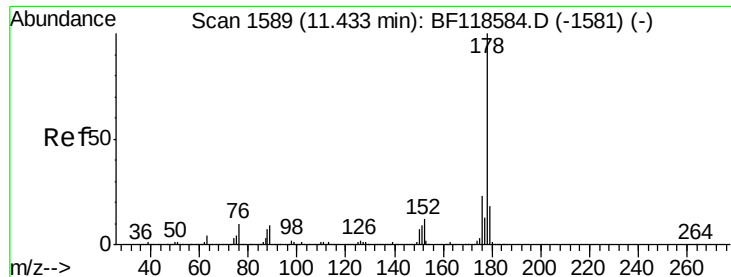
#70
 Pentachlorophenol
 Concen: 82.219 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.6	77.4
264	63.3	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: 45.173 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

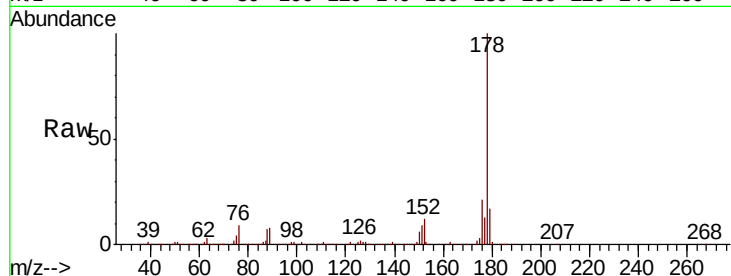
Tot Ion:178 Resp: 2722106

Ion Ratio Lower Upper

178 100

176 21.1 16.5 24.7

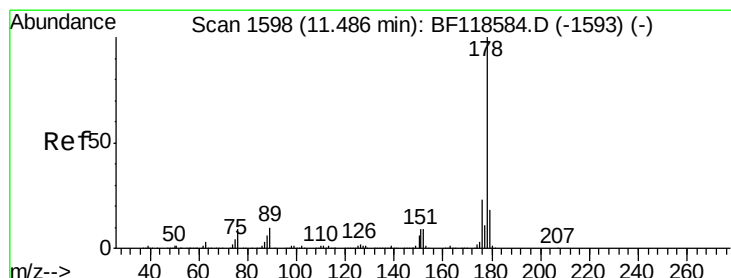
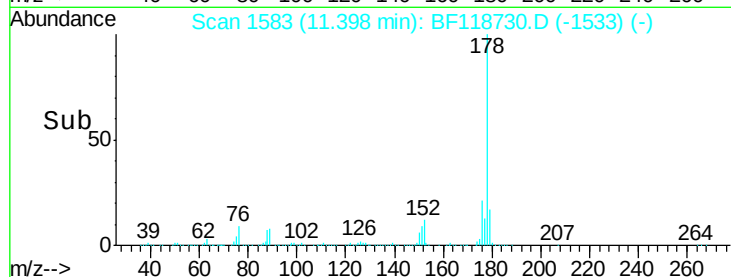
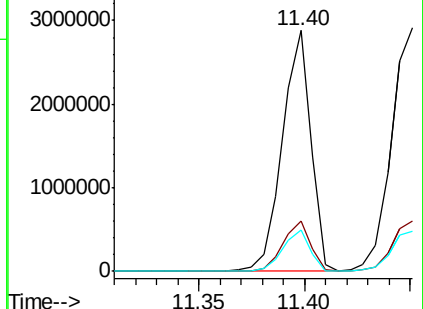
179 16.9 13.3 19.9



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: 47.141 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

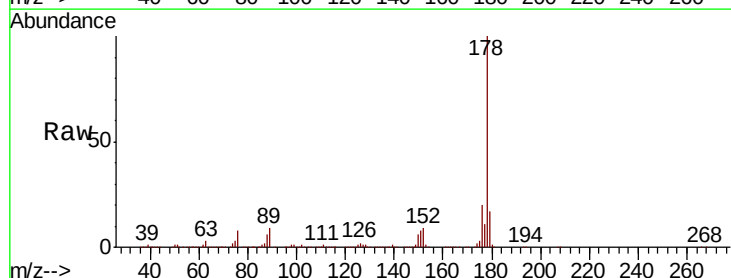
Tgt Ion:178 Resp: 2810858

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

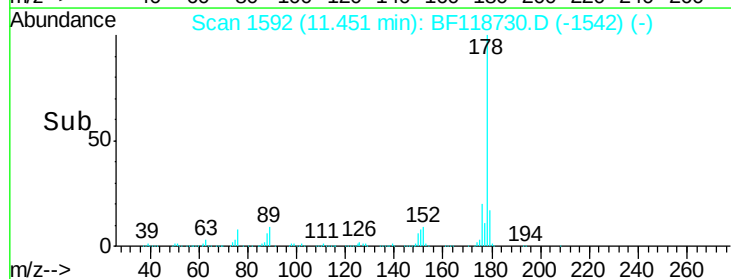
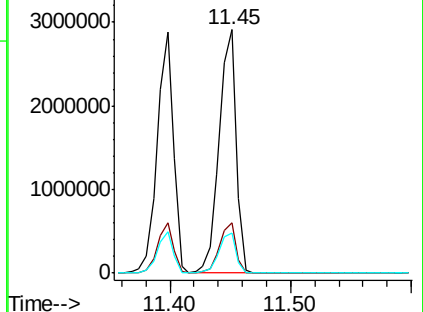
179 16.7 13.3 19.9

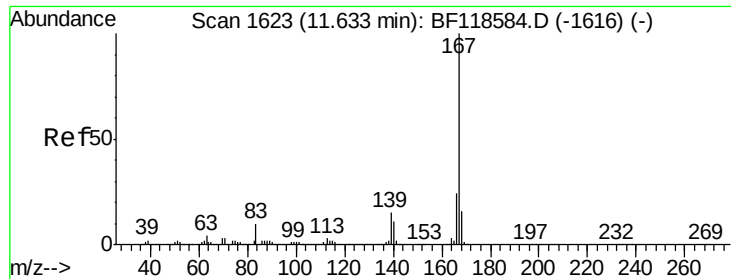


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



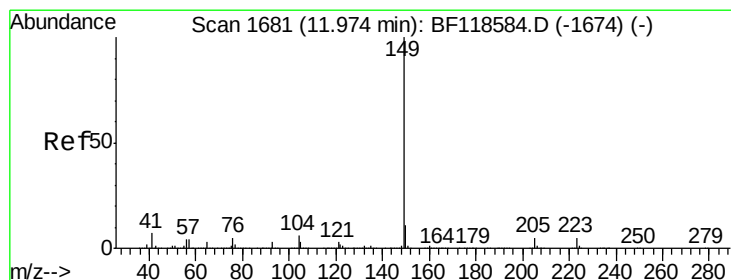
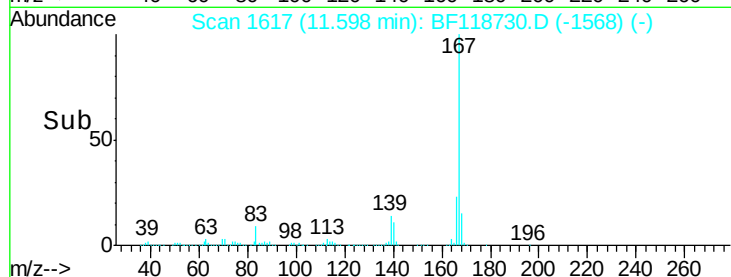
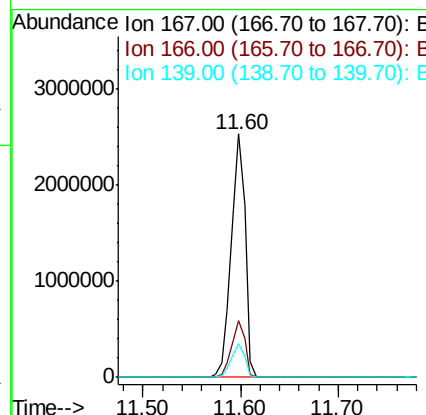
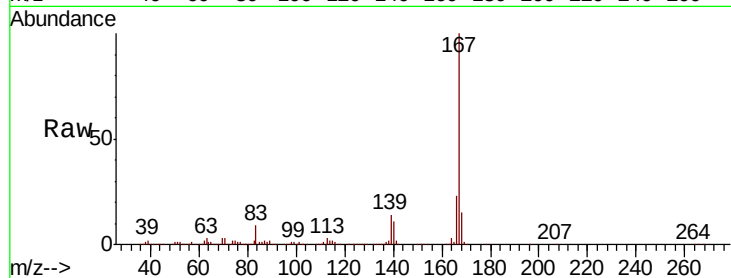


#73
 Carbazole
 Concen: 46.041 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2518056

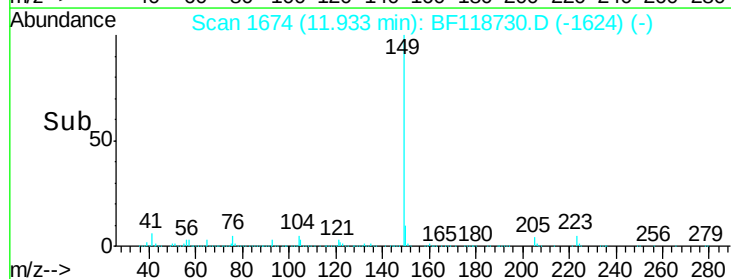
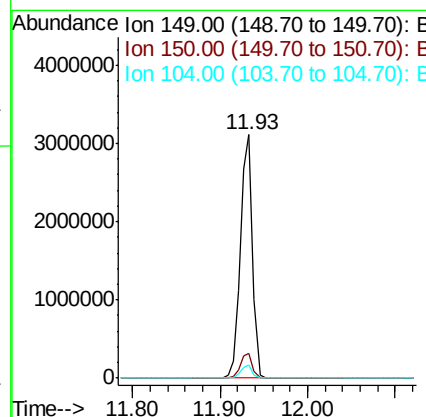
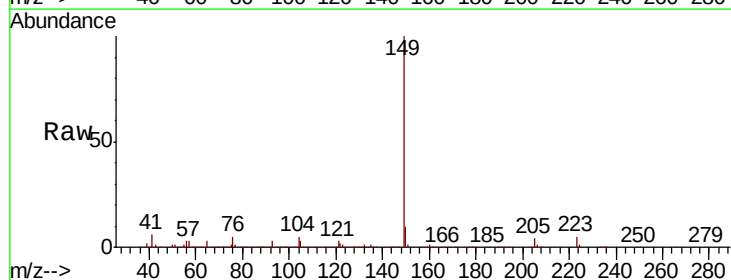
Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	14.0	11.0	16.4

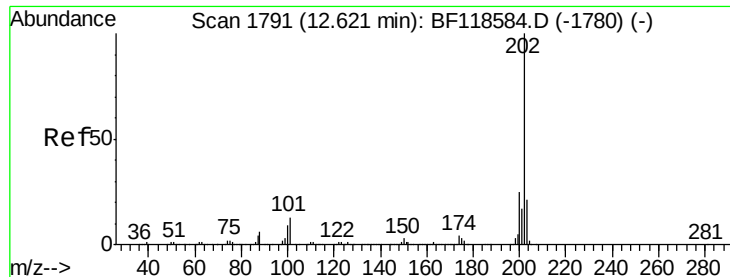


#74
 Di-n-butylphthalate
 Concen: 47.897 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion:149 Resp: 2910413

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 46.570 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

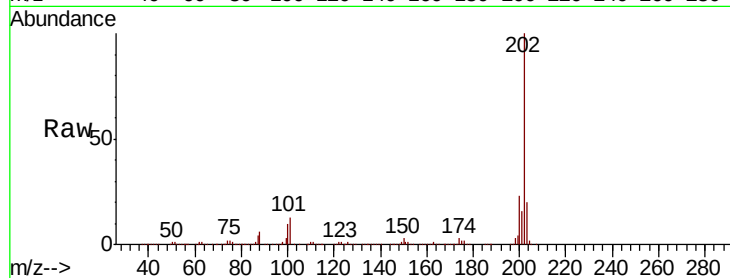
Tot Ion:202 Resp: 2959802

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.1

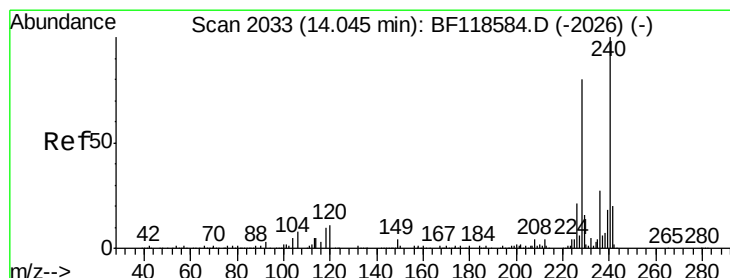
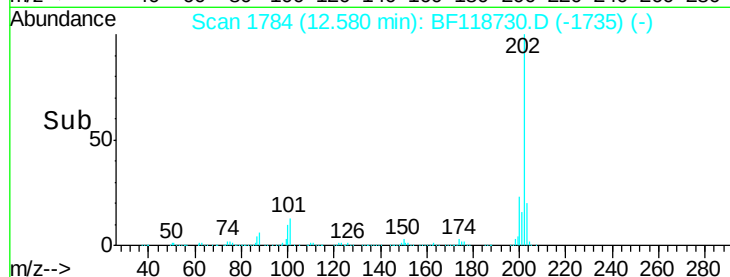
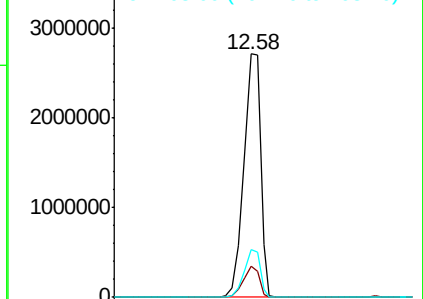
203 19.6 0.0 38.9



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: BF118730.D

Acq: 29 Jan 2020 14:41

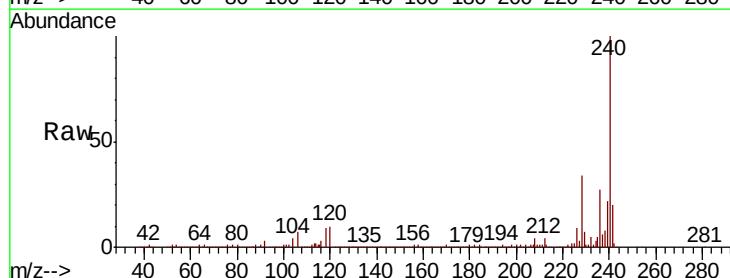
Tgt Ion:240 Resp: 902067

Ion Ratio Lower Upper

240 100

120 10.1 7.6 11.4

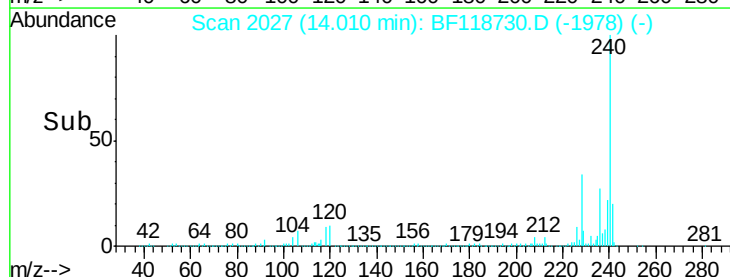
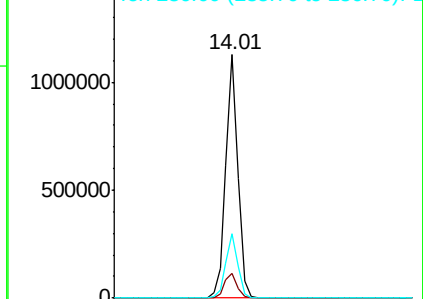
236 26.7 21.0 31.4

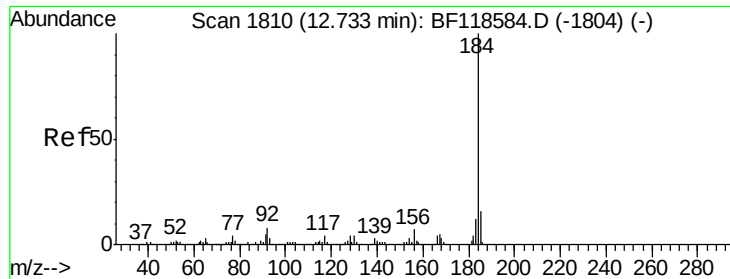


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.159 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

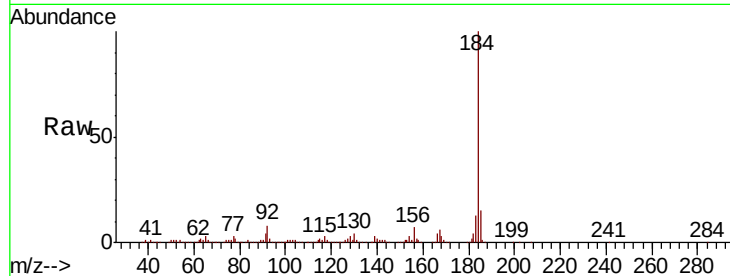
Tot Ion:184 Resp: 1522284

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

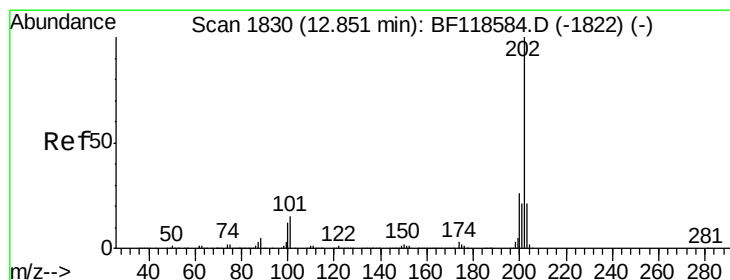
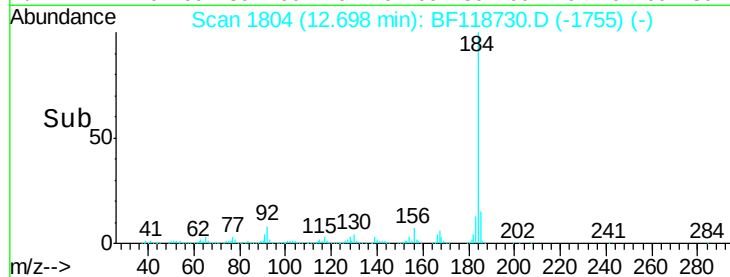
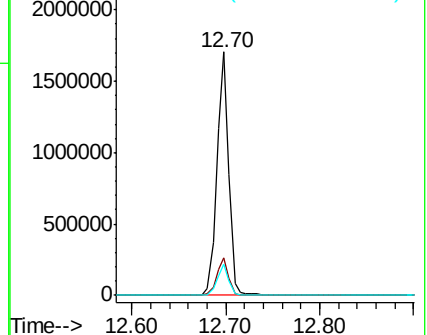
183 12.6 9.7 14.5



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

Pyrene

Concen: 48.577 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

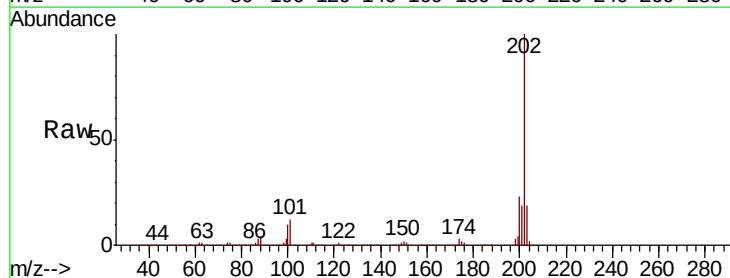
Tgt Ion:202 Resp: 2974957

Ion Ratio Lower Upper

202 100

200 22.9 18.1 27.1

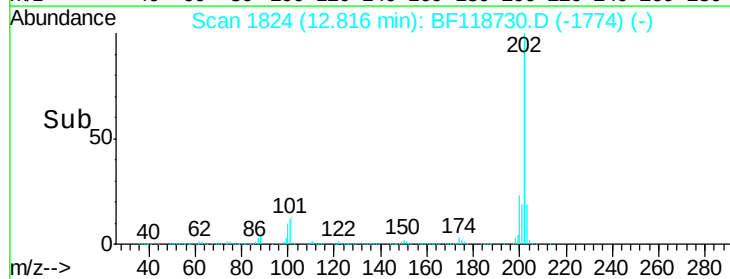
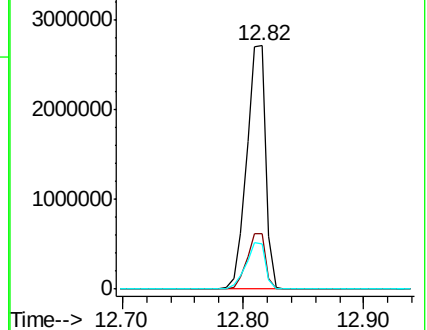
203 18.7 15.2 22.8

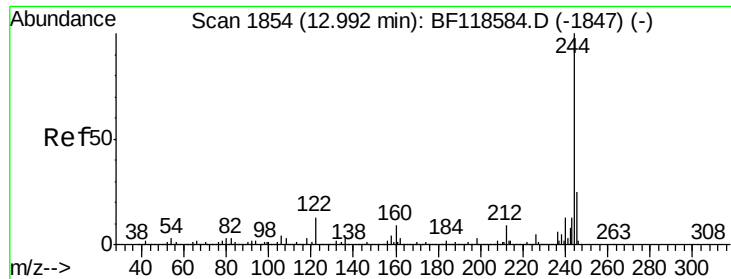


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.070 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

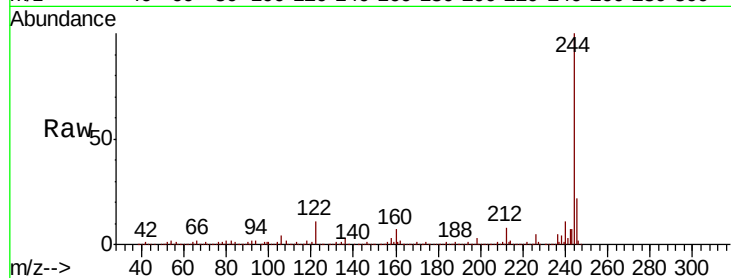
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 3146133

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	11.3	9.2	13.8

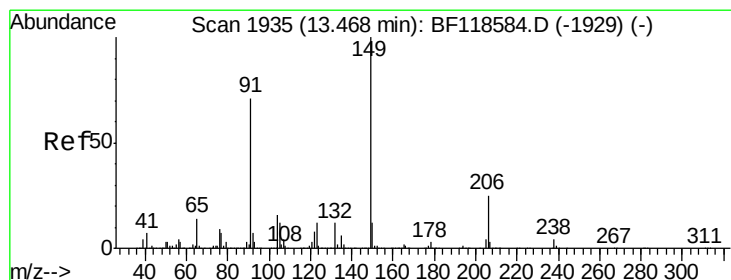
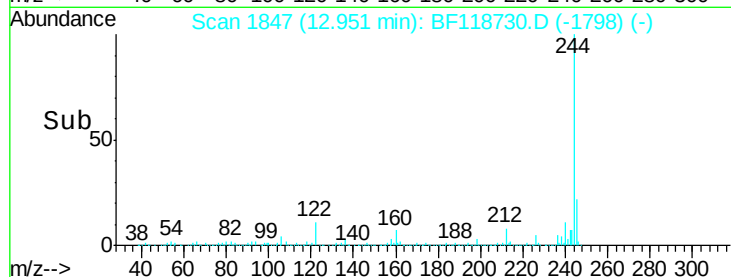
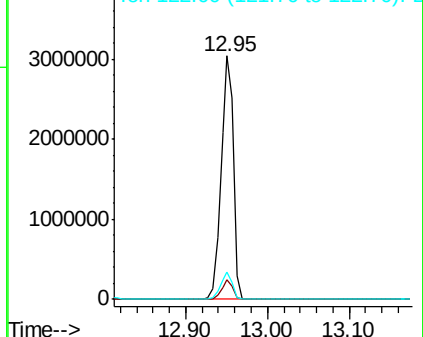


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.725 ng

RT: 13.43 min Scan# 1928

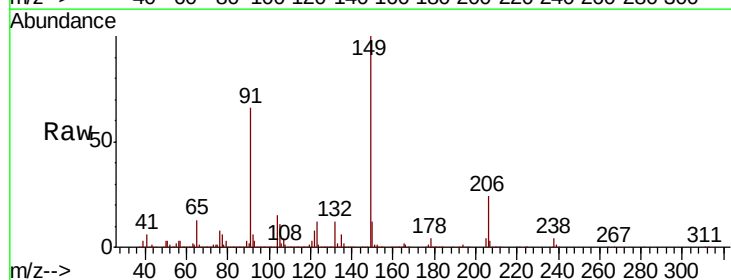
Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion:149 Resp: 1296430

Ion	Ratio	Lower	Upper
149	100		
91	66.0	49.6	74.4
206	24.4	19.9	29.9

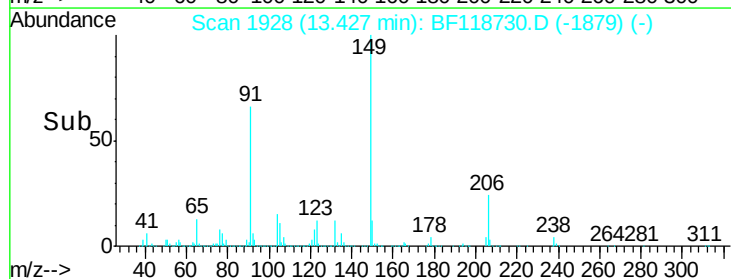
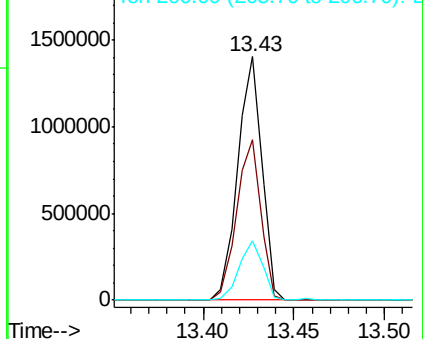


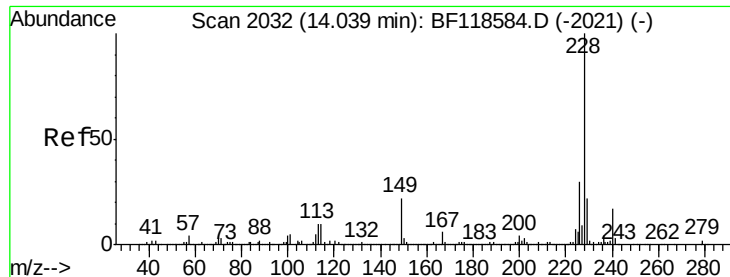
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.983 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

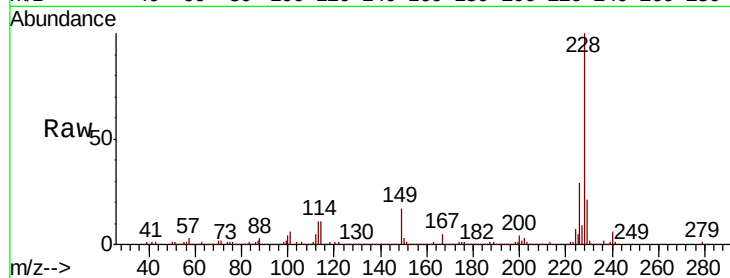
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2495218

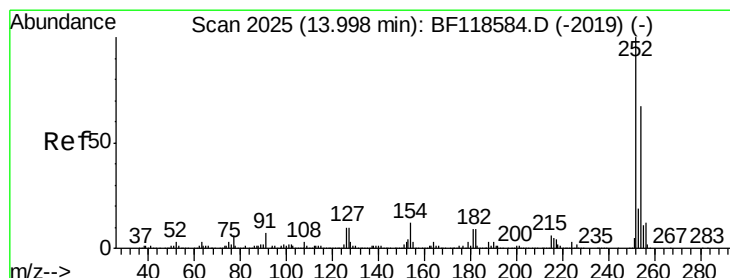
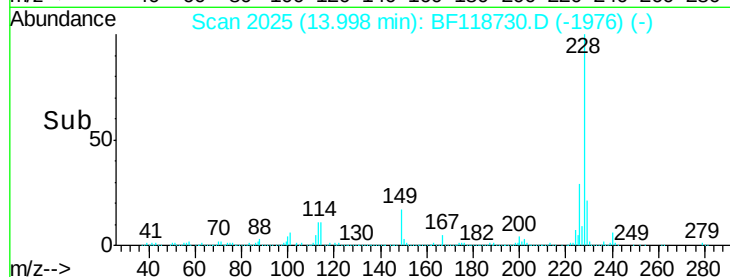
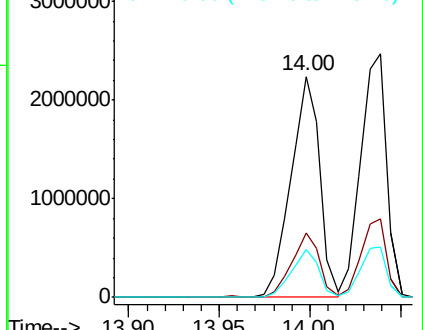
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	34.0
229	21.5	16.6	25.0



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



#82

3,3'-Dichlorobenzidine

Concen: 30.136 ng

RT: 13.96 min Scan# 2018

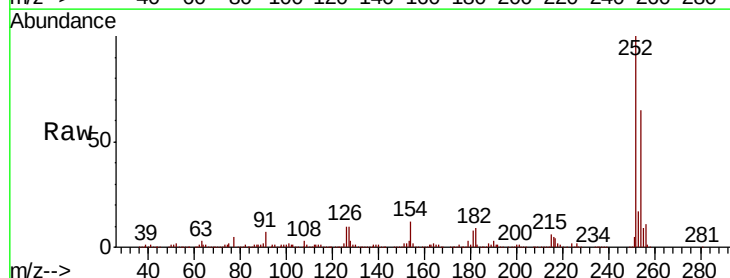
Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion:252 Resp: 582702

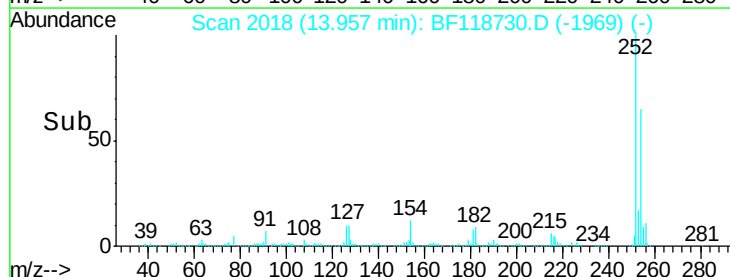
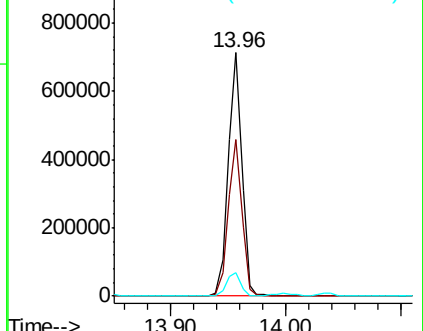
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	9.7	8.1	12.1

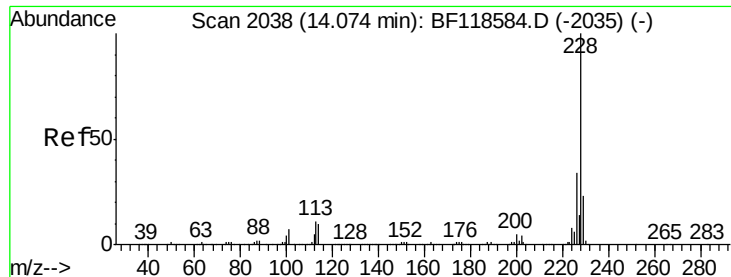


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 47.579 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

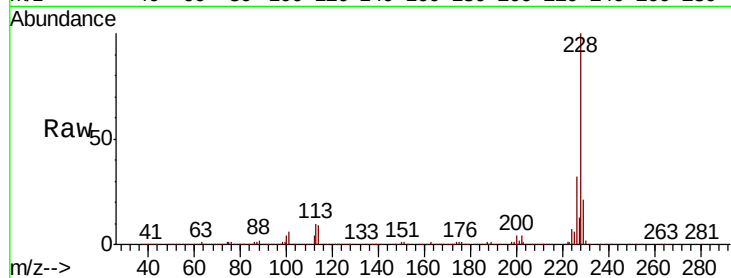
Tot Ion:228 Resp: 2474452

Ion Ratio Lower Upper

228 100

226 32.2 25.6 38.4

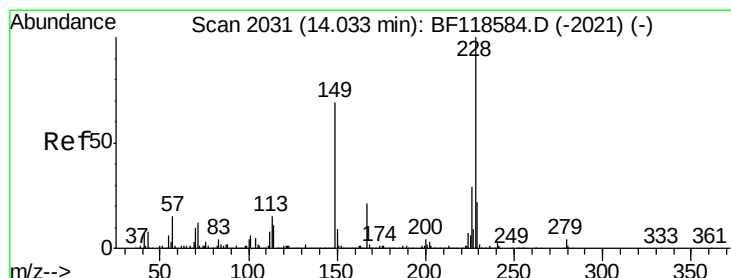
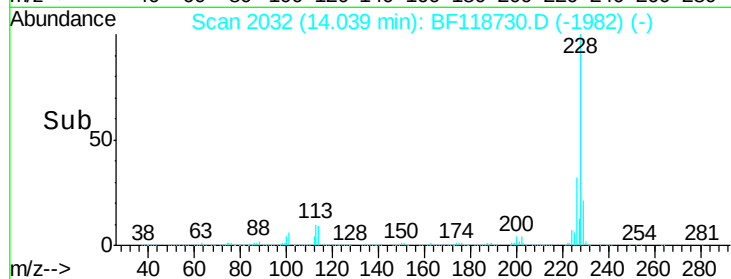
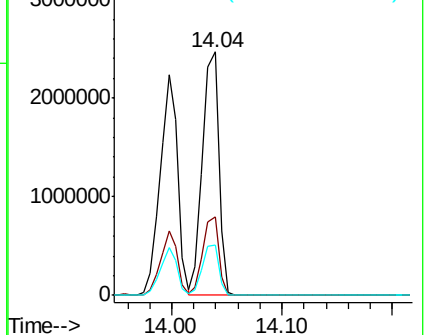
229 20.9 17.1 25.7



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: 54.828 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

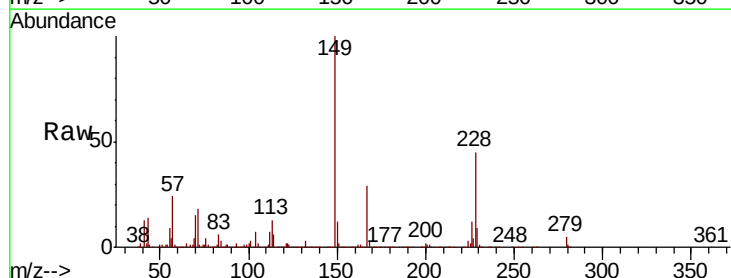
Tgt Ion:149 Resp: 1678923

Ion Ratio Lower Upper

149 100

167 28.6 23.6 35.4

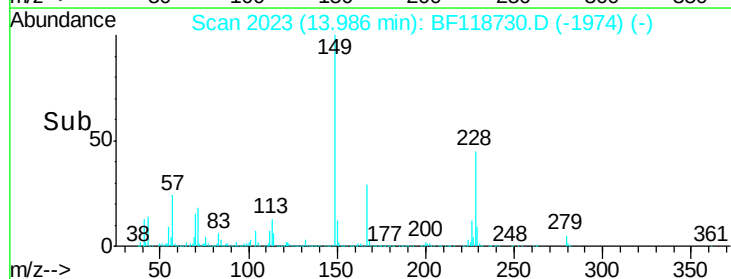
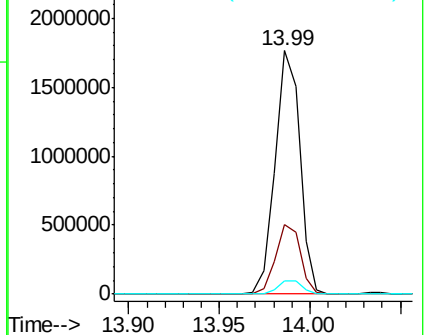
279 5.2 4.5 6.7

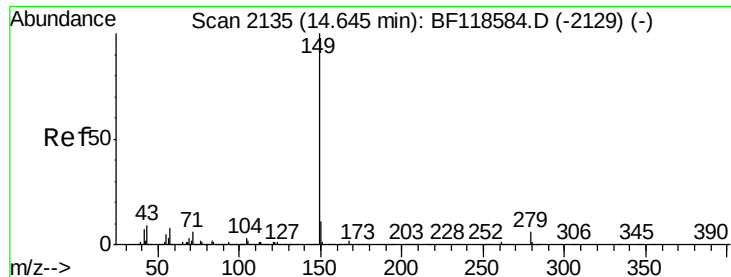


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 60.851 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

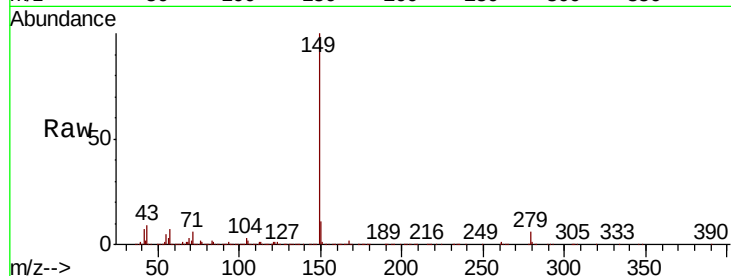
Tot Ion:149 Resp: 2758104

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

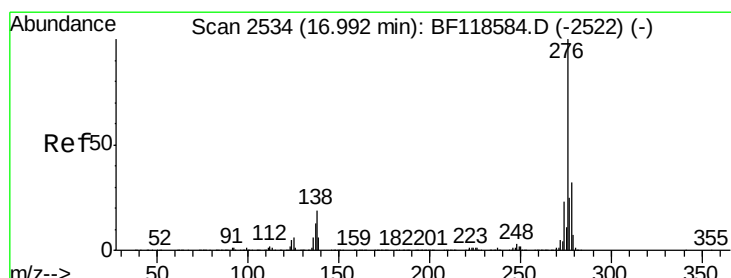
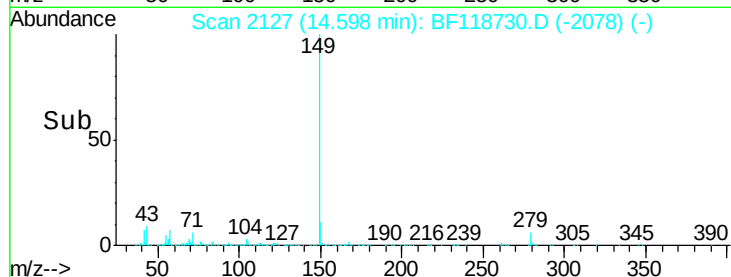
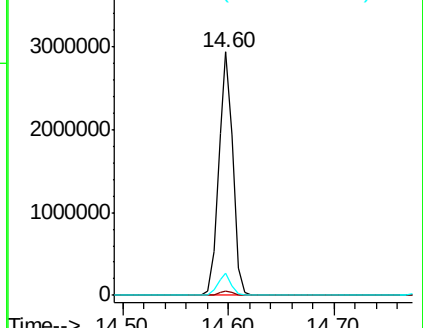
43 8.4 6.6 10.0



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: 59.066 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

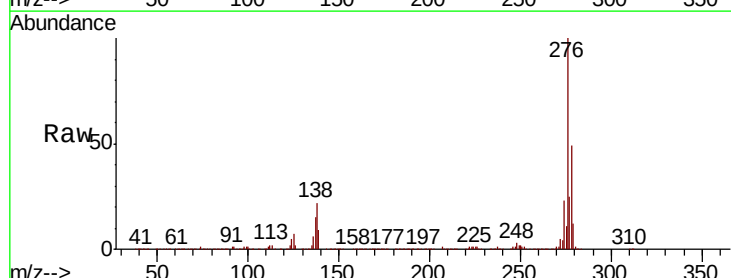
Tgt Ion:276 Resp: 2669115

Ion Ratio Lower Upper

276 100

138 22.9 18.2 27.4

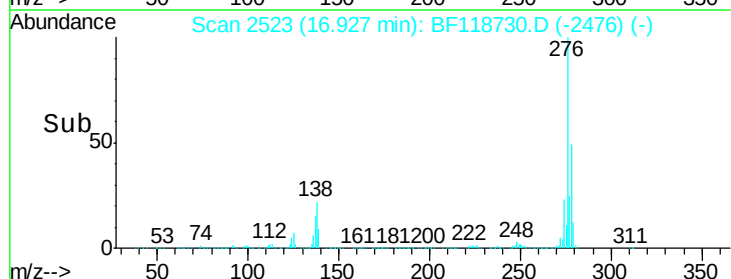
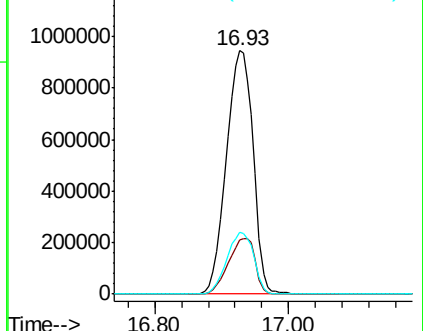
277 25.7 20.4 30.6

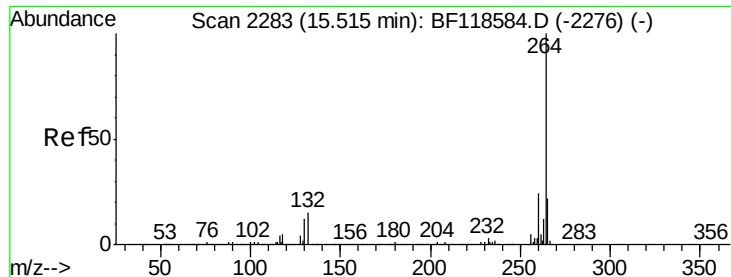


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampled :

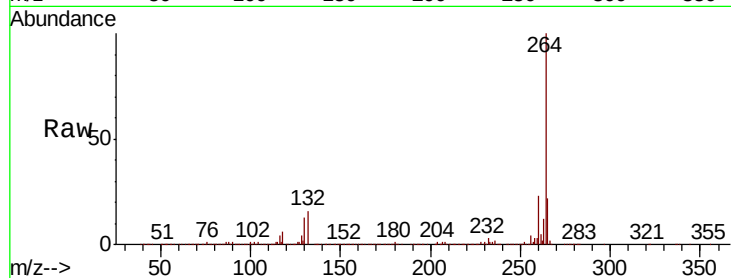
Tot Ion:264 Resp: 922597

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

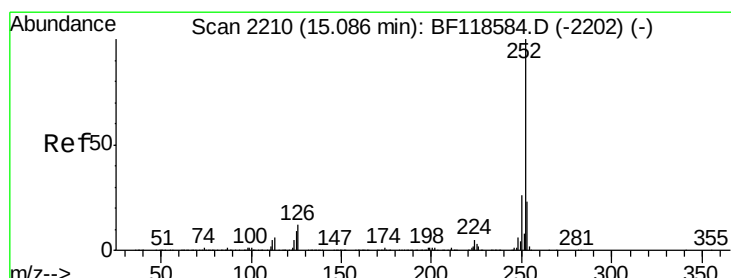
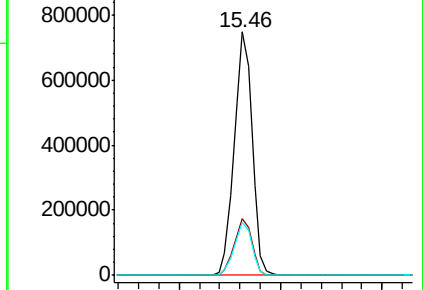
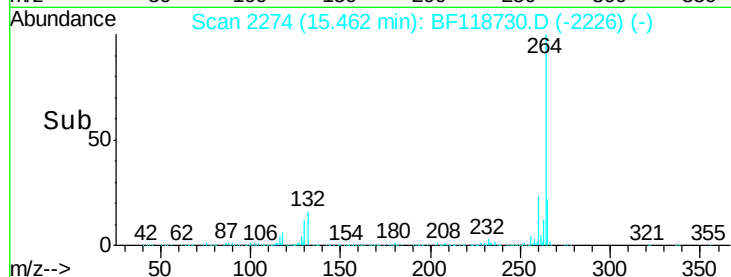
265 21.7 17.0 25.6



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: 43.883 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

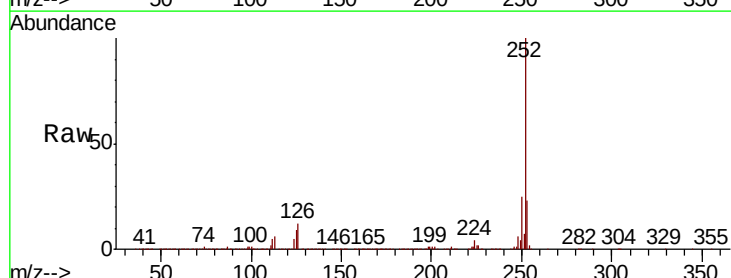
Tgt Ion:252 Resp: 2544863

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

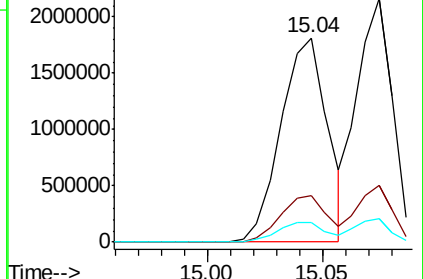
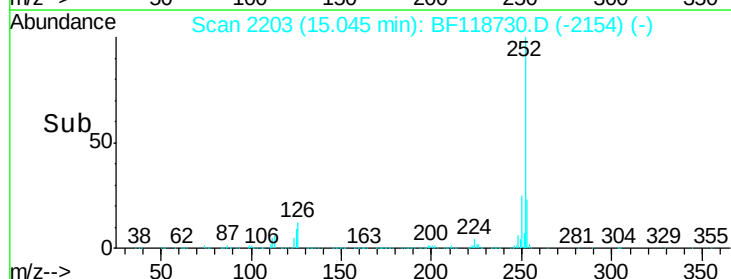
125 9.5 7.7 11.5

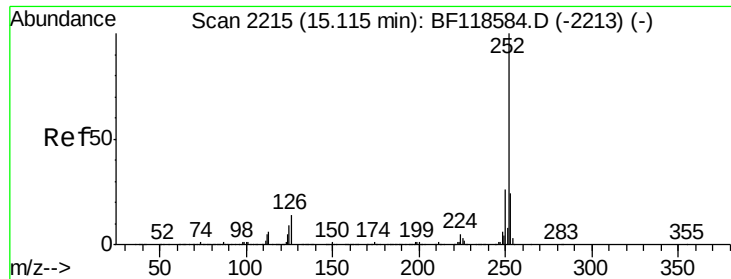


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

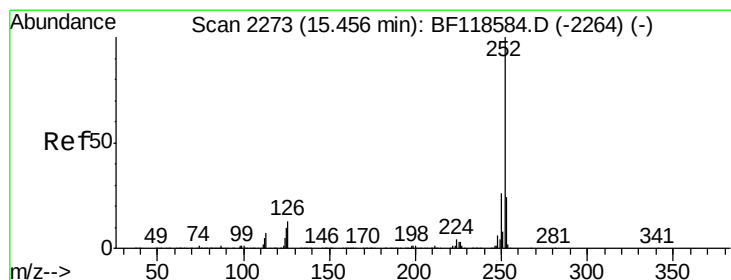
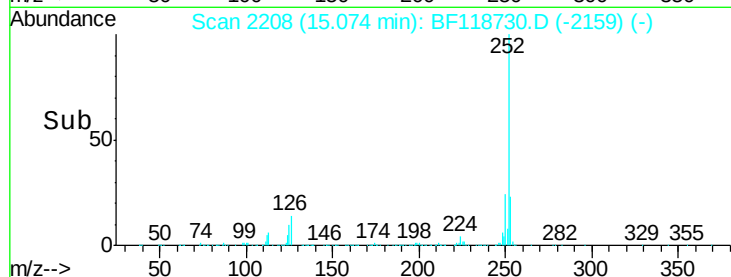
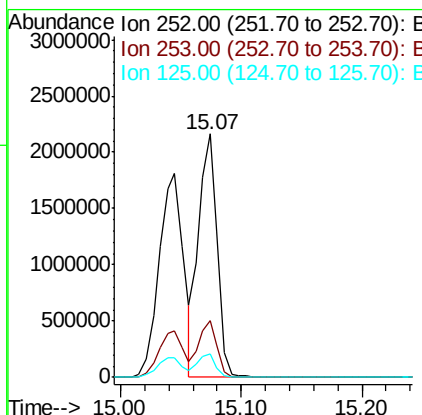
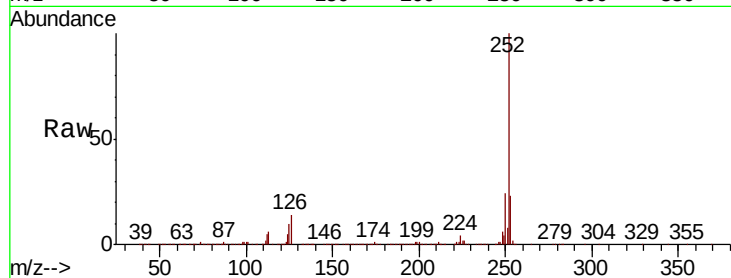




#89
Benzo(k)fluoranthene
Concen: 43.082 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

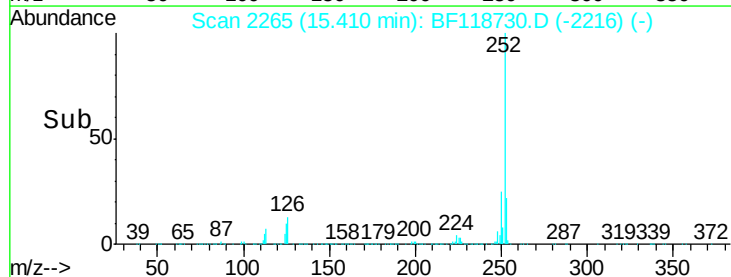
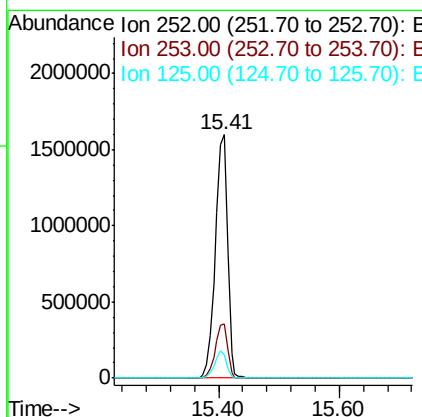
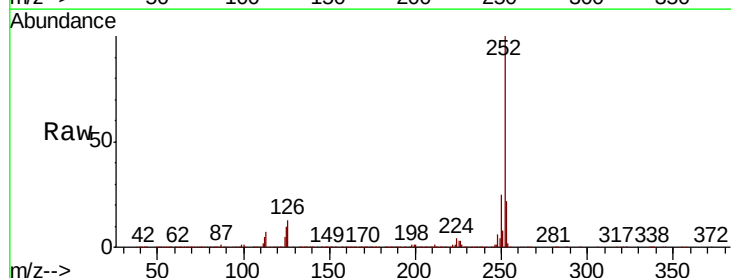
Instrument :
BNA_F
ClientSampled :

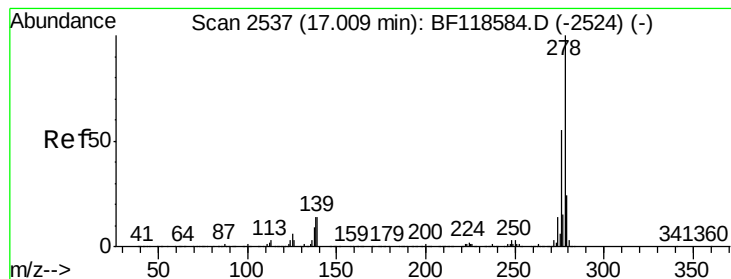
Tot Ion:252 Resp: 2314649
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 9.7 8.1 12.1



#90
Benzo(a)pyrene
Concen: 44.342 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:252 Resp: 2218219
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 9.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 49.449 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

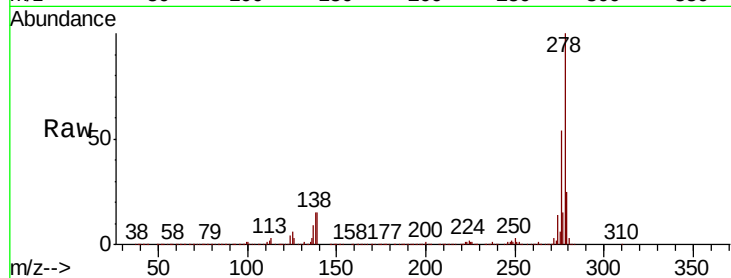
Tot Ion:278 Resp: 2188136

Ion Ratio Lower Upper

278 100

139 15.2 11.8 17.6

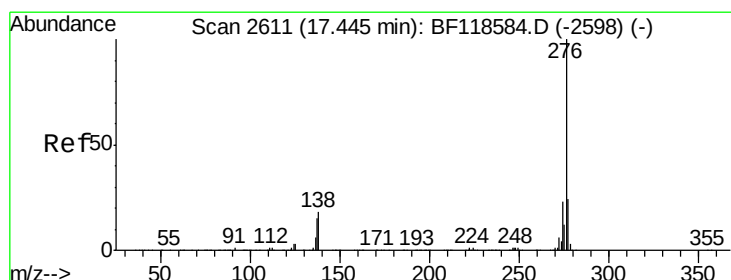
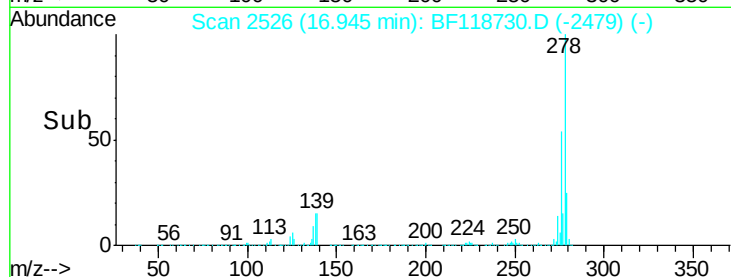
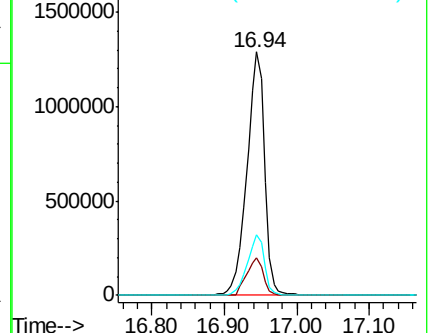
279 24.9 19.1 28.7



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(g,h,i)perylene

Concen: 52.385 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

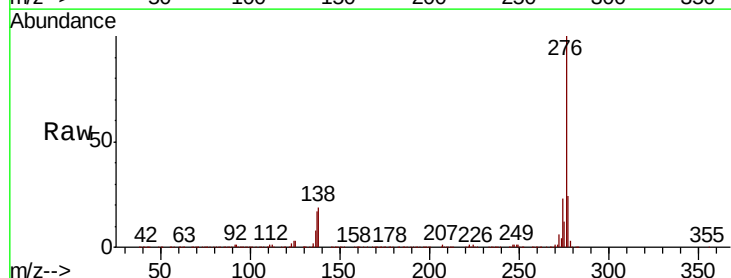
Tgt Ion:276 Resp: 2250736

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 19.2 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

