

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118807.D
 Acq On : 4 Feb 2020 17:58
 Operator : CG/JU
 Sample : L1360-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 06:32:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	261087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	992255	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	563711	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1027819	20.00	ng	0.00
76) Chrysene-d12	13.97	240	712489	20.00	ng	-0.01
87) Perylene-d12	15.40	264	738291	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1282669	93.00	ng	0.00
7) Phenol-d6	6.45	99	1596571	93.25	ng	0.00
23) Nitrobenzene-d5	7.37	82	1015284	60.99	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	609008	90.29	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2152564	68.26	ng	-0.01
79) Terphenyl-d14	12.92	244	2605147	75.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	226997	36.113	ng	100
3) Pyridine	3.35	79	568204	32.554	ng	99
4) n-Nitrosodimethylamine	3.28	42	250840	39.472	ng	96
6) Aniline	6.47	93	537451	24.372	ng	99
8) 2-Chlorophenol	6.60	128	649943	42.306	ng	99
9) Benzaldehyde	6.36	77	303138	27.618	ng	99
10) Phenol	6.46	94	778210	40.877	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	588475	40.403	ng	99
12) 1,3-Dichlorobenzene	6.76	146	716152	39.163	ng	96
13) 1,4-Dichlorobenzene	6.83	146	721269	39.542	ng	99
14) 1,2-Dichlorobenzene	6.99	146	666926	38.276	ng	98
15) Benzyl Alcohol	6.95	79	548338	41.433	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	689730	38.669	ng	100
17) 2-Methylphenol	7.07	107	529852	41.484	ng	97
18) Hexachloroethane	7.33	117	249861	38.166	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	422737	40.353	ng	98
20) 3+4-Methylphenols	7.22	107	626007	39.102	ng	93
22) Acetophenone	7.22	105	819642	38.020	ng	# 99
24) Nitrobenzene	7.39	77	649550	39.058	ng	96
25) Isophorone	7.63	82	1185906	39.638	ng	99
26) 2-Nitrophenol	7.71	139	356581	40.238	ng	98
27) 2,4-Dimethylphenol	7.75	122	556811	46.255	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	735978	37.936	ng	97
29) 2,4-Dichlorophenol	7.95	162	568795	39.455	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	640978	38.039	ng	99
31) Naphthalene	8.12	128	1836486	40.468	ng	99
32) Benzoic acid	7.87	122	350903	35.208	ng	97
33) 4-Chloroaniline	8.16	127	270763	13.336	ng	98
34) Hexachlorobutadiene	8.24	225	380011	36.810	ng	99
35) Caprolactam	8.53	113	106953	22.885	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	580107	39.985	ng	100
37) 2-Methylnaphthalene	8.81	142	1299886	41.300	ng	99
38) 1-Methylnaphthalene	8.90	142	1213437	40.983	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	629374	36.993	ng	99

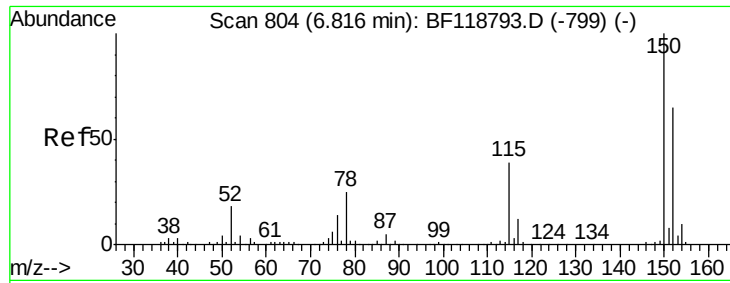
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	661868	99.213	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	442449	38.890	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	457232	39.333	nq	100
46) 1,1'-Biphenyl	9.27	154	1538794	39.462	nq	98
47) 2-Chloronaphthalene	9.30	162	1239938	38.249	nq	98
48) 2-Nitroaniline	9.39	65	341237	36.497	nq	93
49) Acenaphthylene	9.71	152	1912121	40.852	nq	99
50) Dimethylphthalate	9.57	163	1562581	40.710	nq	99
51) 2,6-Dinitrotoluene	9.63	165	350906	39.955	nq	97
52) Acenaphthene	9.88	154	1295690	42.009	nq	99
53) 3-Nitroaniline	9.79	138	166162	17.060	nq	92
54) 2,4-Dinitrophenol	9.90	184	307482	72.827	nq	99
55) Dibenzofuran	10.06	168	1728112	38.769	nq	98
56) 4-Nitrophenol	9.96	139	547939	77.730	nq	97
57) 2,4-Dinitrotoluene	10.03	165	461034	39.667	nq	# 90
58) Fluorene	10.40	166	1295838	38.643	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	399322	39.334	nq	99
60) Diethylphthalate	10.27	149	1434936	38.446	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	693580	38.138	nq	99
62) 4-Nitroaniline	10.41	138	310562	31.840	nq	99
63) Azobenzene	10.55	77	1263127	39.641	nq	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	245312	42.475	nq	87
66) n-Nitrosodiphenylamine	10.50	169	1219293	40.954	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	475641	39.119	nq	98
68) Hexachlorobenzene	10.95	284	537285	38.526	nq	# 92
69) Atrazine	11.03	200	433441	43.699	nq	99
70) Pentachlorophenol	11.14	266	546493	74.215	nq	99
71) Phenanthrene	11.36	178	1961215	38.782	nq	99
72) Anthracene	11.41	178	2017313	40.099	nq	99
73) Carbazole	11.56	167	1750170	39.640	nq	99
74) Di-n-butylphthalate	11.89	149	2173016	38.636	nq	100
75) Fluoranthene	12.55	202	2056335	37.243	nq	99
77) Benzidine	12.66	184	858588	39.842	nq	99
78) Pyrene	12.77	202	2067259	42.294	nq	100
80) Butylbenzylphthalate	13.39	149	899429	40.316	nq	100
81) Benzo(a)anthracene	13.96	228	1677182	39.559	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	398645	22.989	nq	98
83) Chrysene	13.99	228	1695365	39.842	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1168098	41.269	nq	100
85) Di-n-octyl phthalate	14.56	149	1958166	40.383	nq	99
86) Indeno(1,2,3-cd)pyrene	16.84	276	1908370	44.637	nq	100
88) Benzo(b)fluoranthene	14.99	252	1670719	36.469	nq	99
89) Benzo(k)fluoranthene	15.02	252	1632743	40.928	nq	99
90) Benzo(a)pyrene	15.34	252	1502577	38.325	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	1590201	45.689	nq	99
92) Benzo(g,h,i)perylene	17.27	276	1622755	48.481	nq	99

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

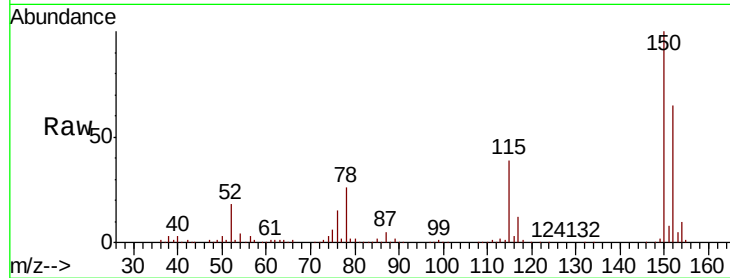


#1

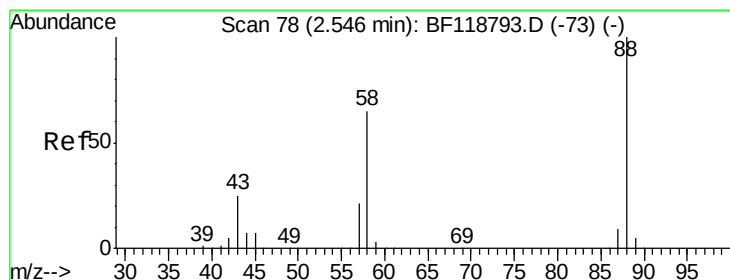
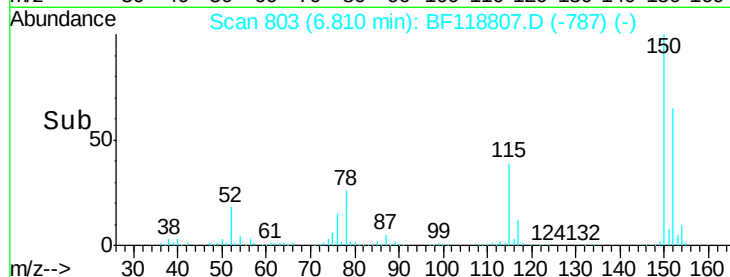
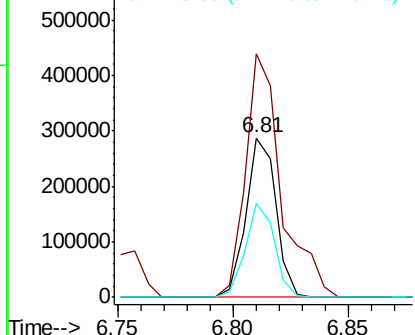
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.6	185.4
115	59.2	48.2	72.2



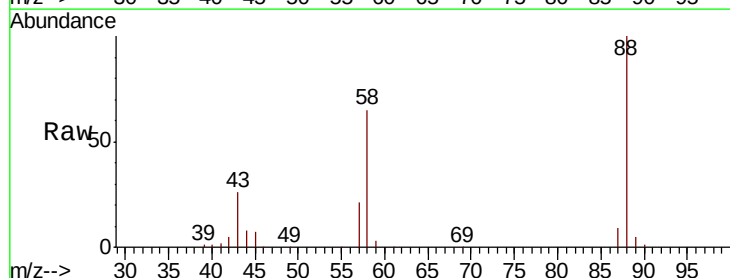
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



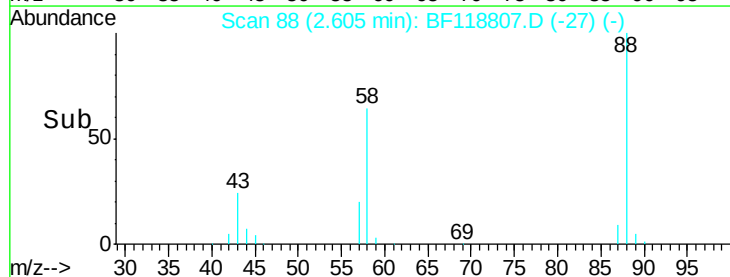
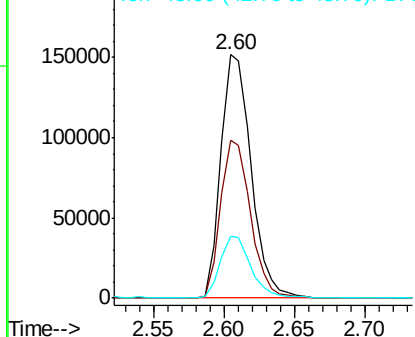
#2

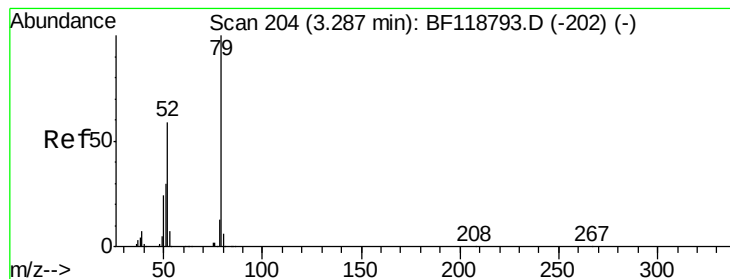
1,4-Dioxane
Concen: 36.113 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.06 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.6	77.4
43	24.9	19.8	29.6



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





#3

Pvridine

Concen: 32.554 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.06 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

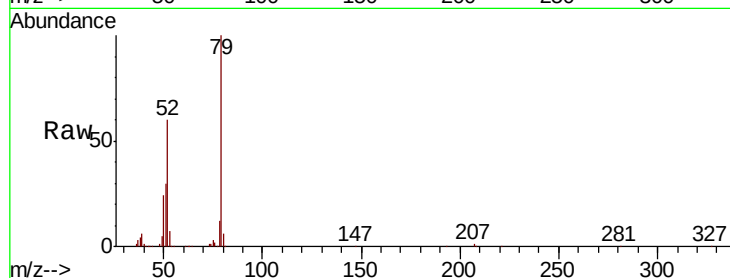
Tot Ion: 79 Resp: 568204

Ion Ratio Lower Upper

79 100

52 59.9 47.4 71.0

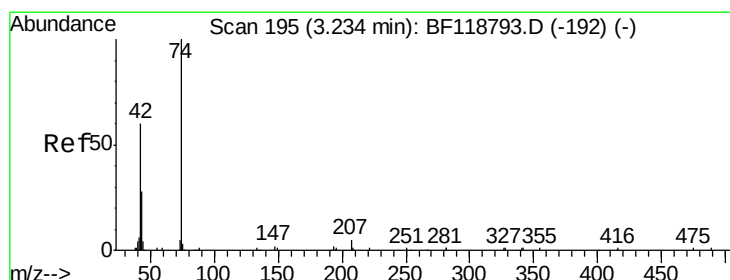
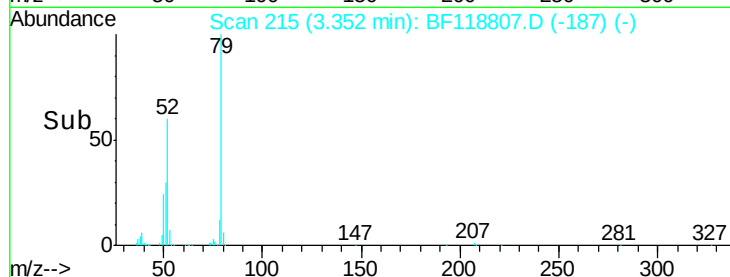
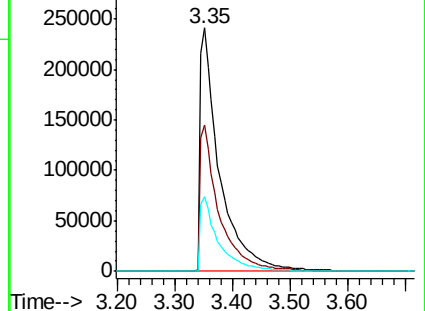
51 30.4 24.2 36.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.472 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.05 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

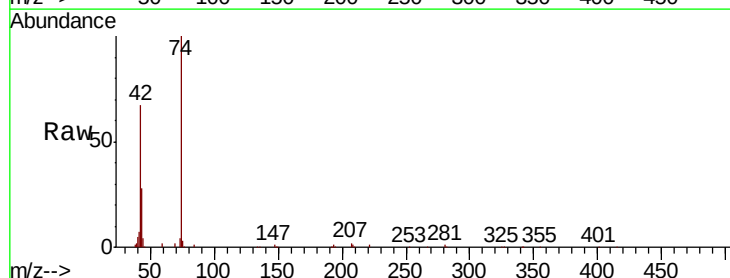
Tgt Ion: 42 Resp: 250840

Ion Ratio Lower Upper

42 100

74 150.0 124.3 186.5

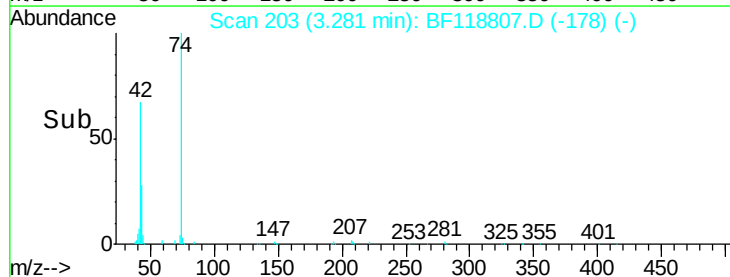
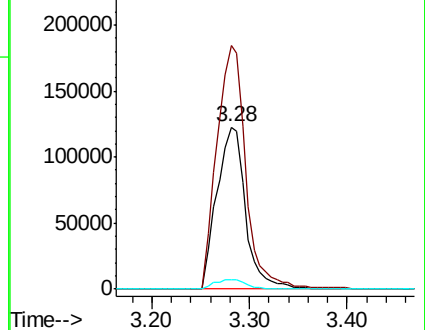
44 5.8 5.3 7.9

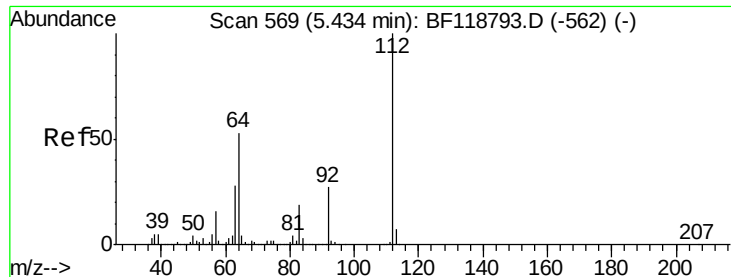


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.996 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

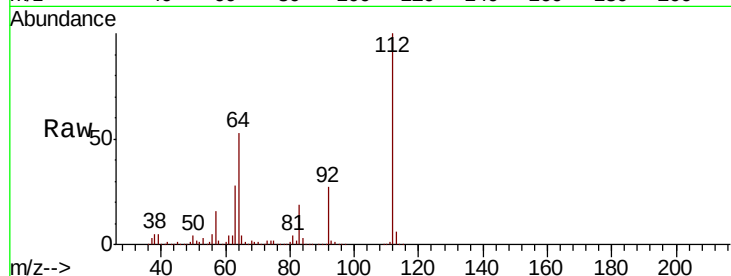
Tot Ion:112 Resp: 1282669

Ion Ratio Lower Upper

112 100

64 53.5 42.6 63.8

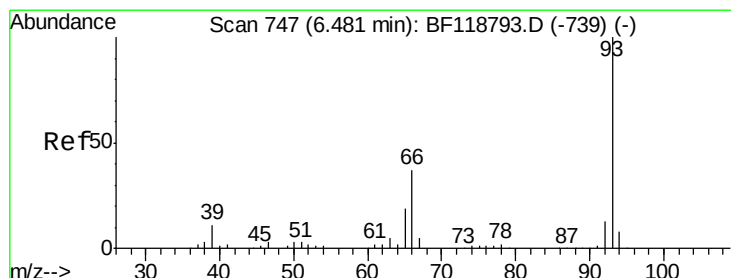
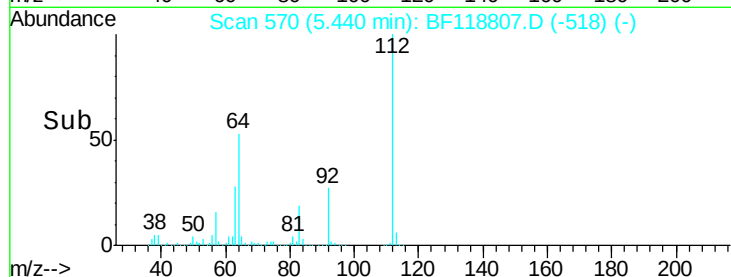
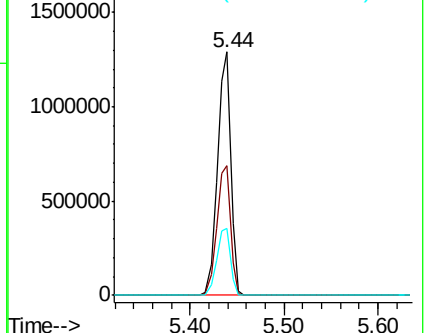
63 27.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.372 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

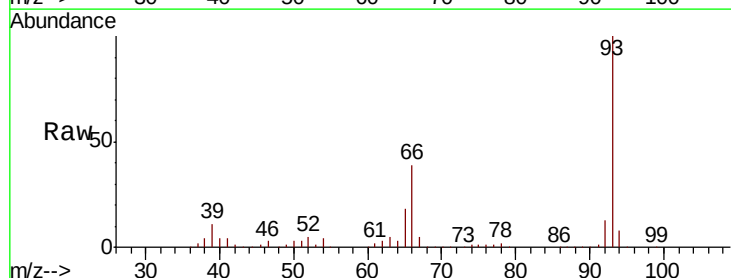
Tgt Ion: 93 Resp: 537451

Ion Ratio Lower Upper

93 100

66 38.7 30.8 46.2

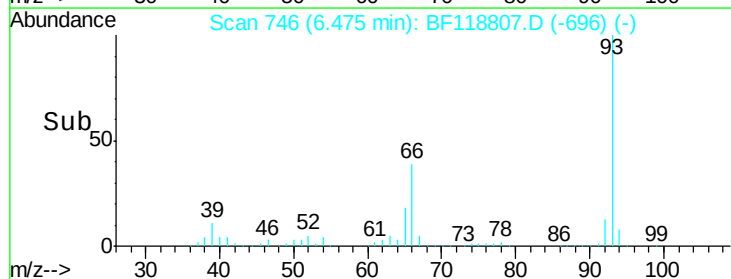
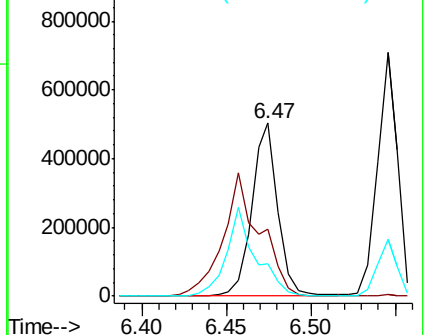
65 18.4 15.4 23.0

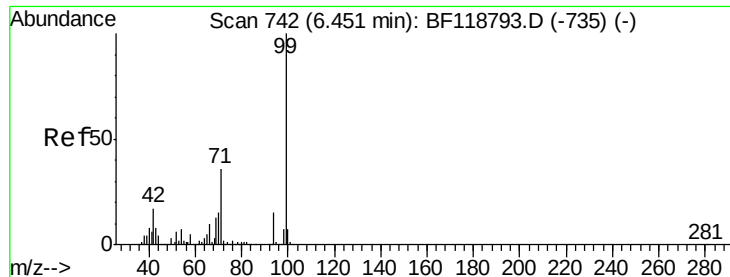


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.248 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

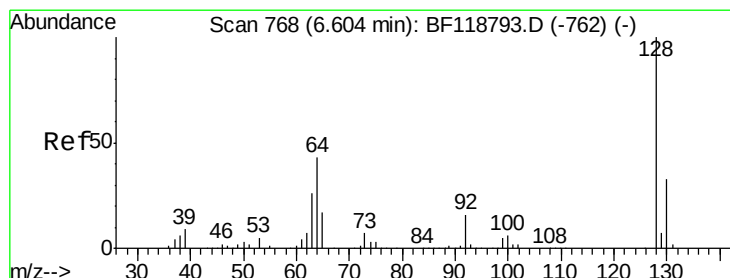
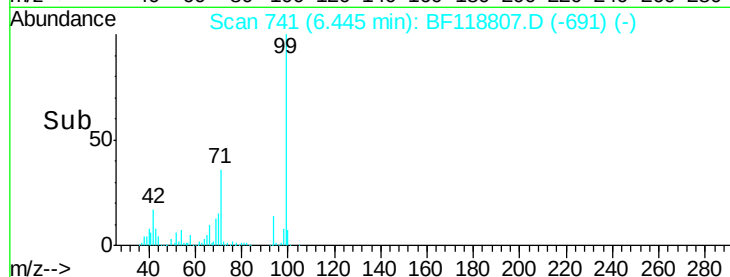
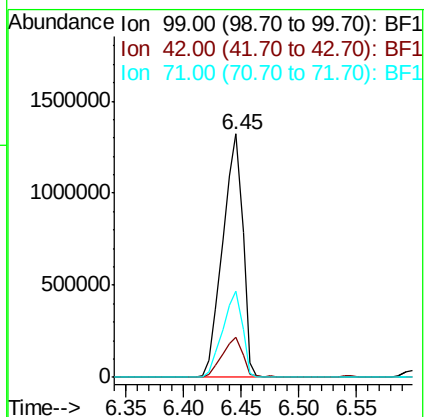
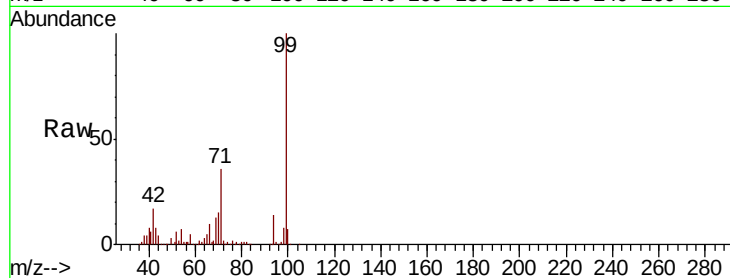
Tot Ion: 99 Resp: 1596571

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.0

71 35.5 29.0 43.6



#8

2-Chlorophenol

Concen: 42.306 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

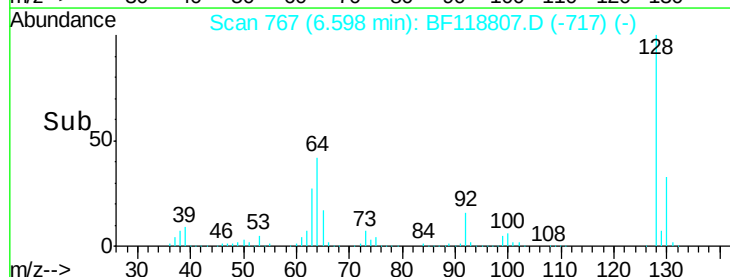
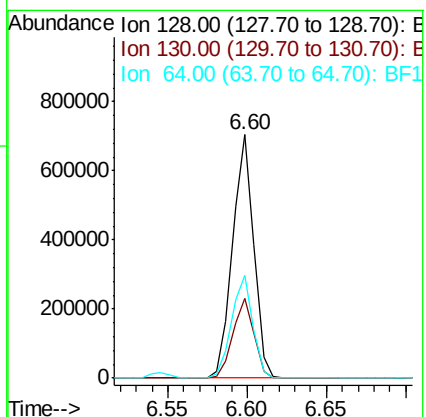
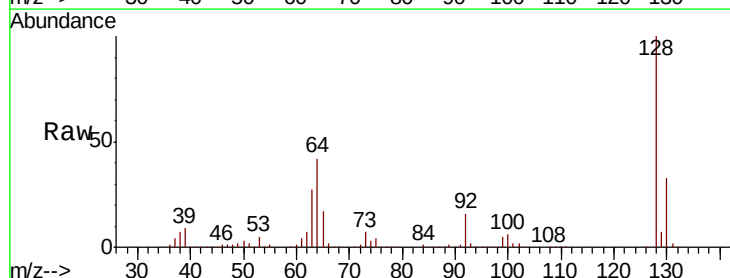
Tgt Ion: 128 Resp: 649943

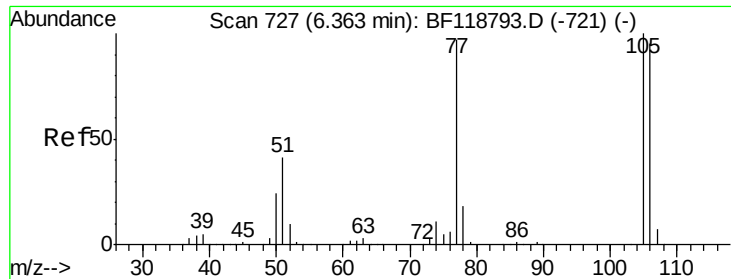
Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

64 42.3 23.0 63.0





#9

Benzaldehyde

Concen: 27.618 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

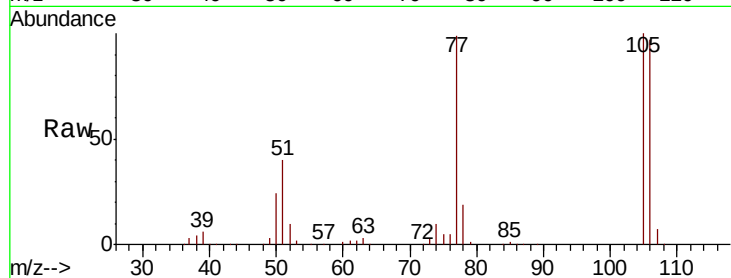
Tot Ion: 77 Resp: 303138

Ion Ratio Lower Upper

77 100

105 101.1 82.8 122.8

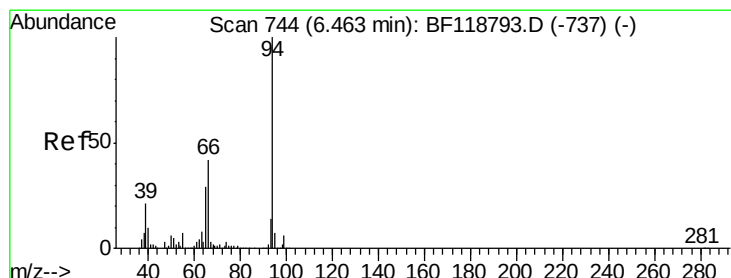
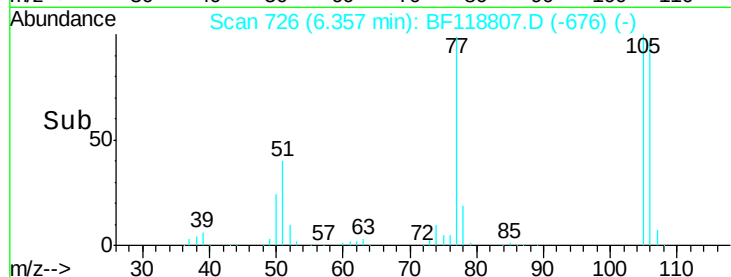
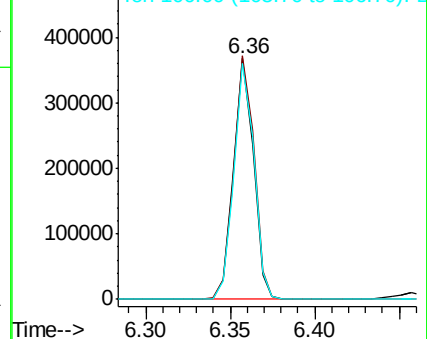
106 97.8 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.877 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

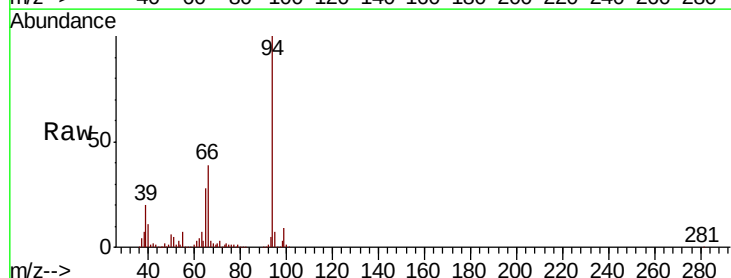
Tgt Ion: 94 Resp: 778210

Ion Ratio Lower Upper

94 100

65 27.9 9.1 49.1

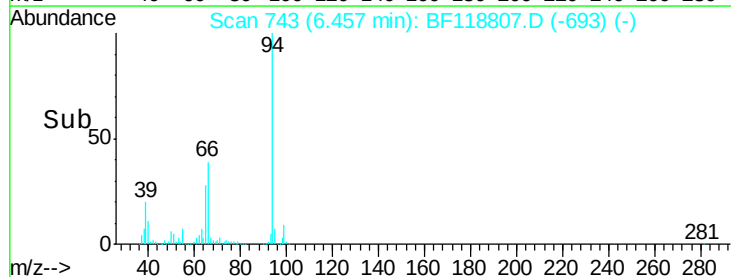
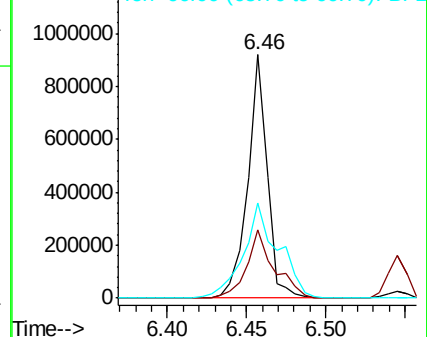
66 39.1 21.7 61.7

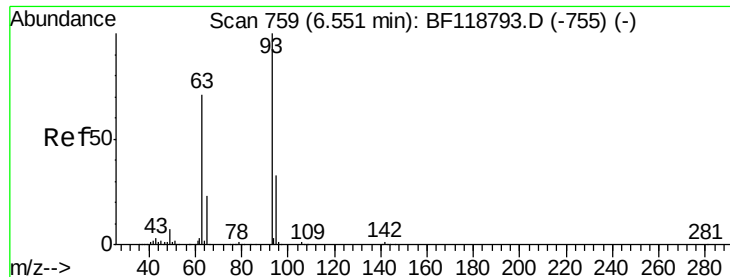


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.403 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

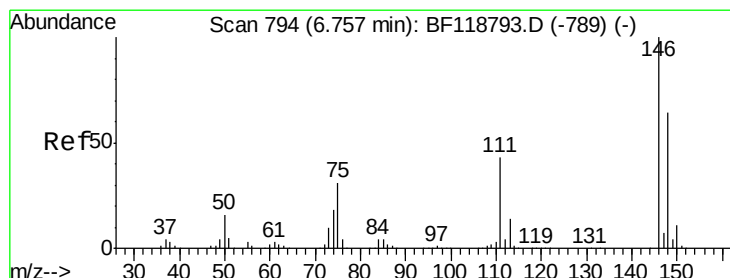
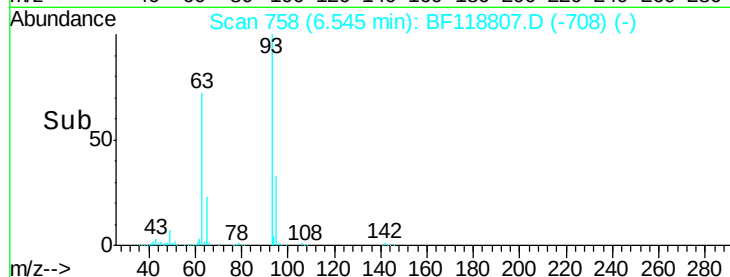
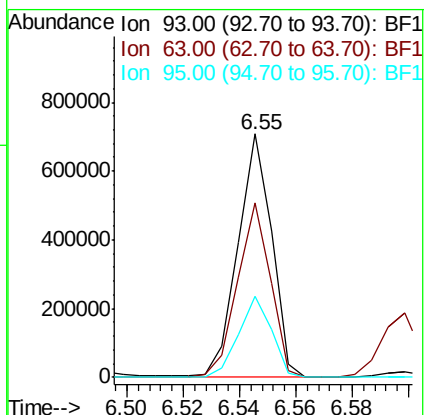
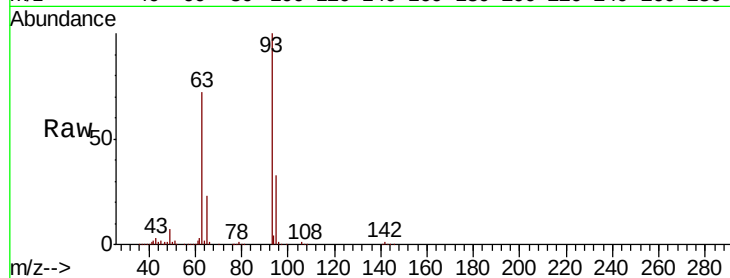
Tot Ion: 93 Resp: 588475

Ion Ratio Lower Upper

93 100

63 71.9 50.7 90.7

95 33.0 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.163 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

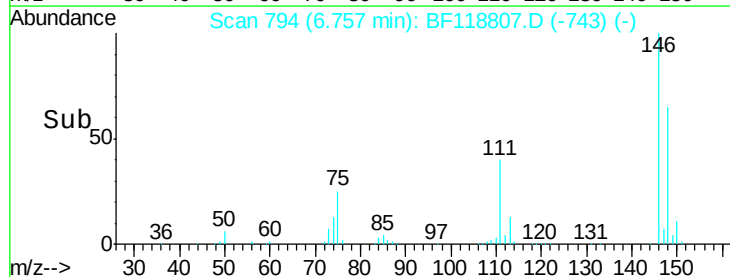
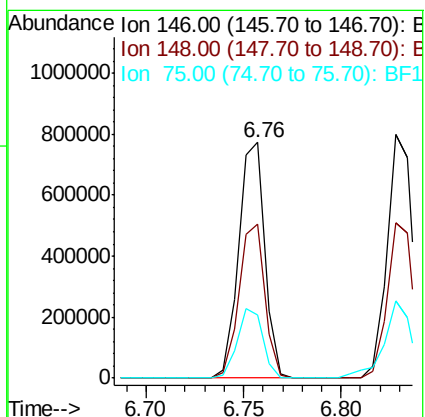
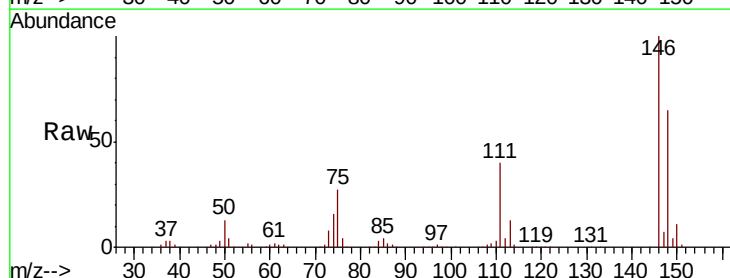
Tgt Ion: 146 Resp: 716152

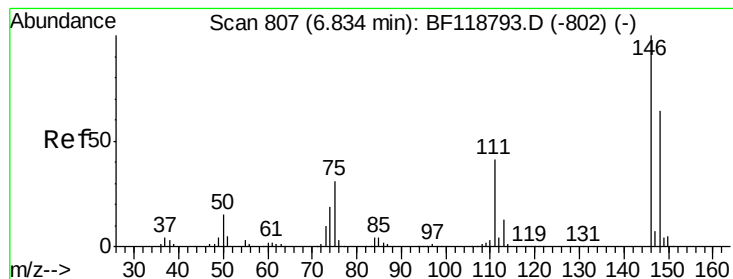
Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

75 26.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 39.542 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

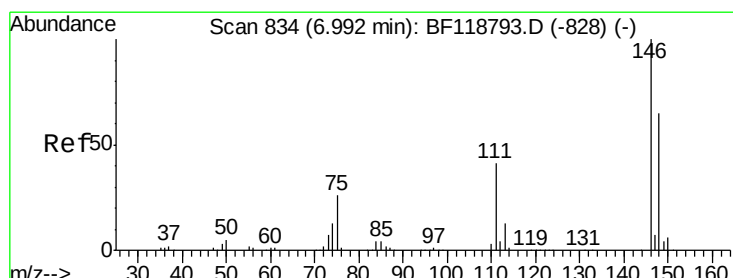
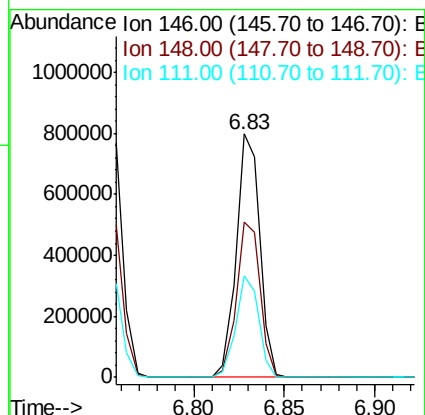
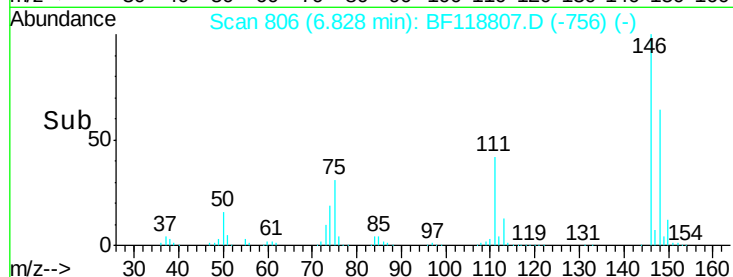
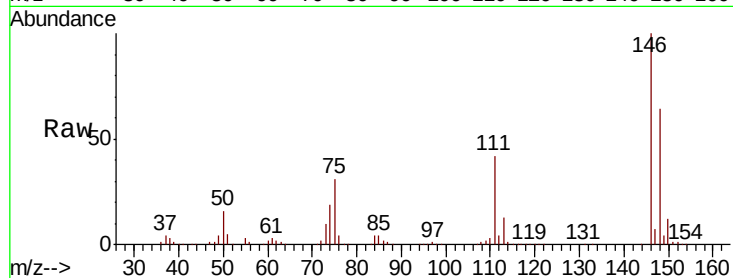
Tot Ion:146 Resp: 721269

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

111 41.9 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 38.276 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

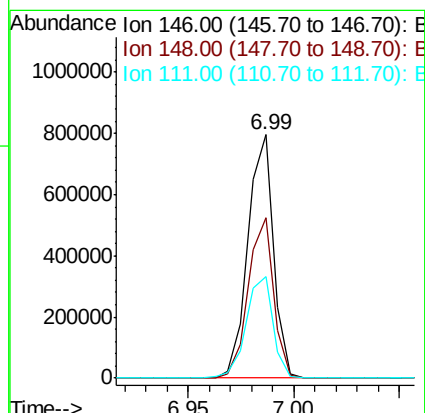
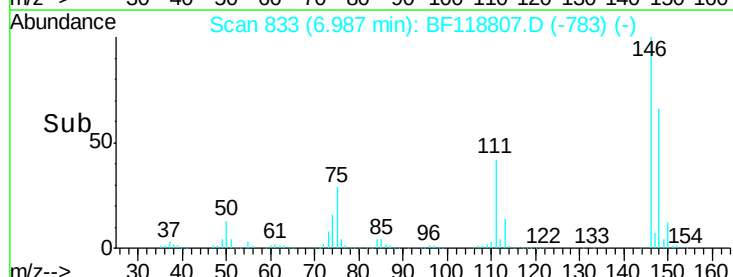
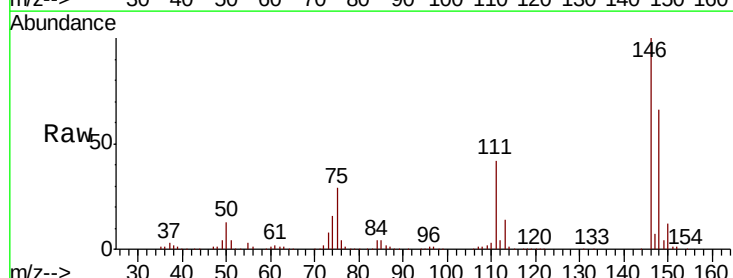
Tgt Ion:146 Resp: 666926

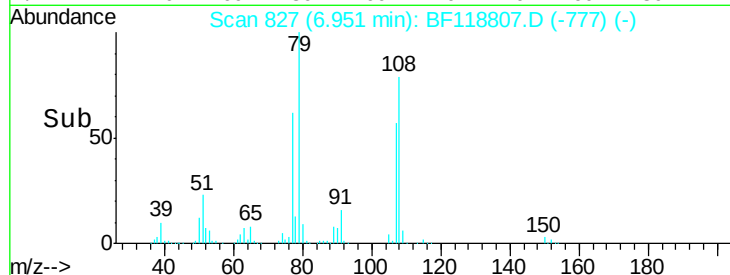
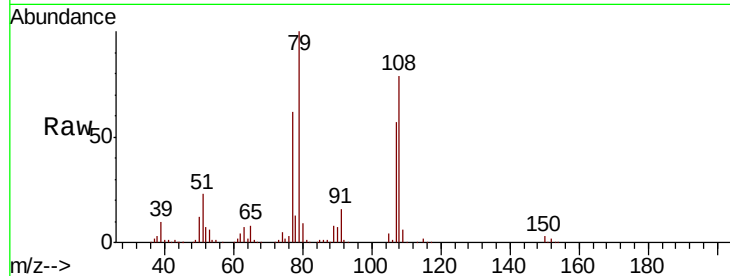
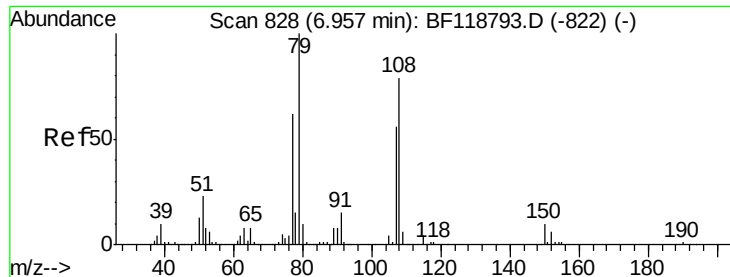
Ion Ratio Lower Upper

146 100

148 65.7 51.6 77.4

111 41.9 32.7 49.1





#15

Benzyl Alcohol

Concen: 41.433 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

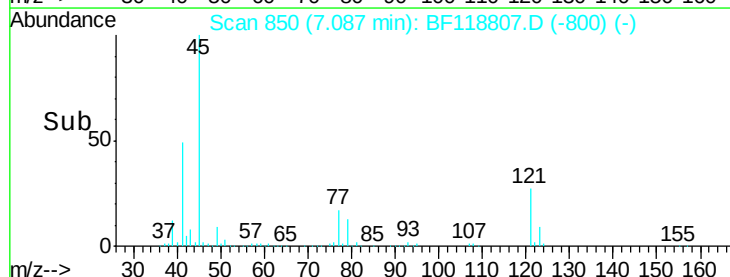
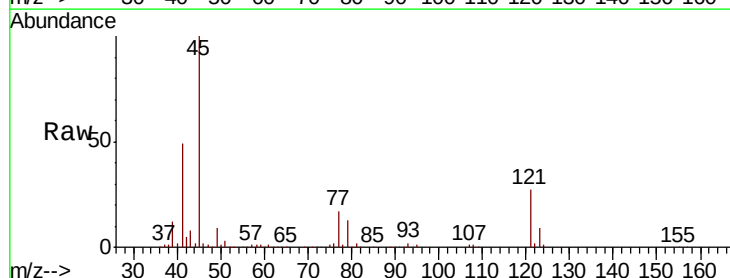
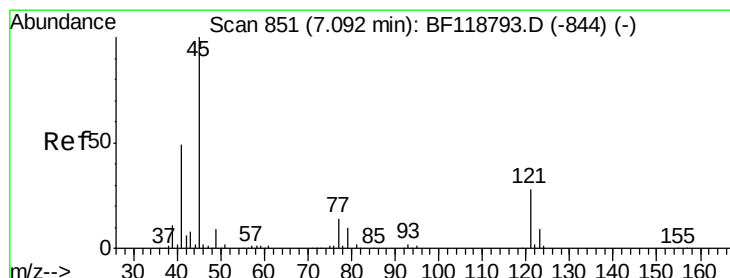
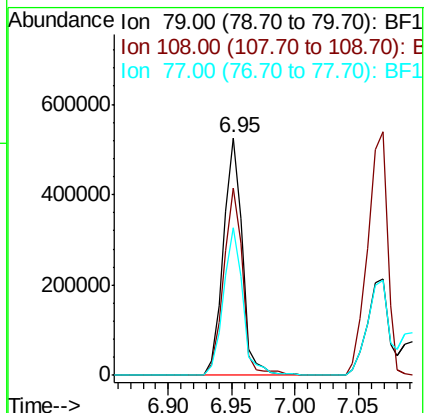
Tot Ion: 79 Resp: 548338

Ion Ratio Lower Upper

79 100

108 78.6 62.9 94.3

77 62.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.669 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

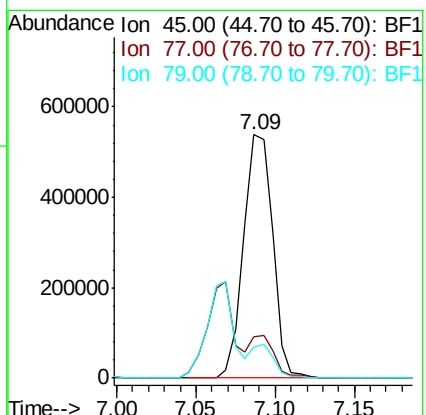
Tgt Ion: 45 Resp: 689730

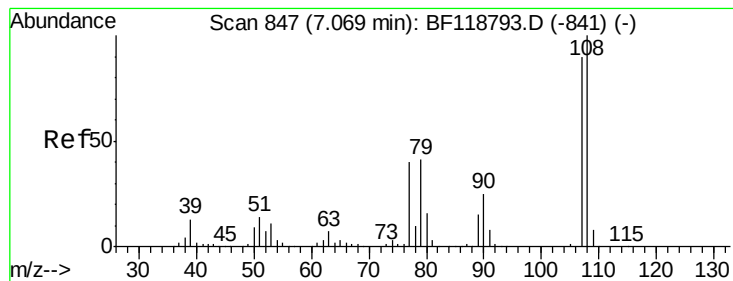
Ion Ratio Lower Upper

45 100

77 17.2 0.0 37.1

79 13.0 0.0 33.1

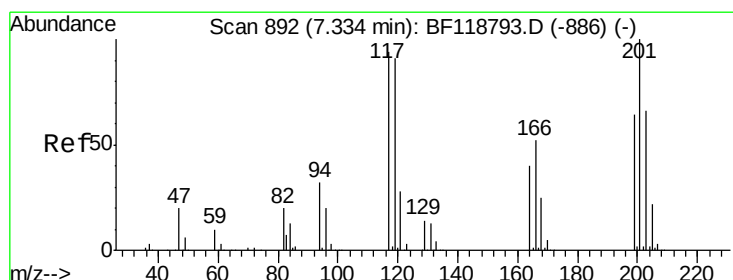
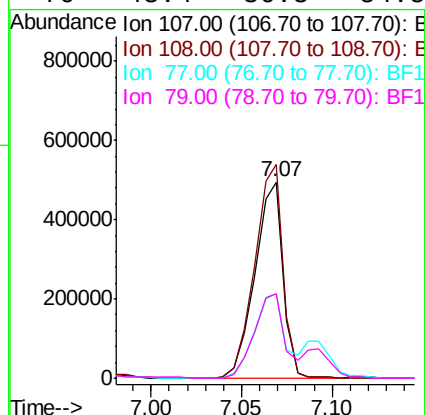
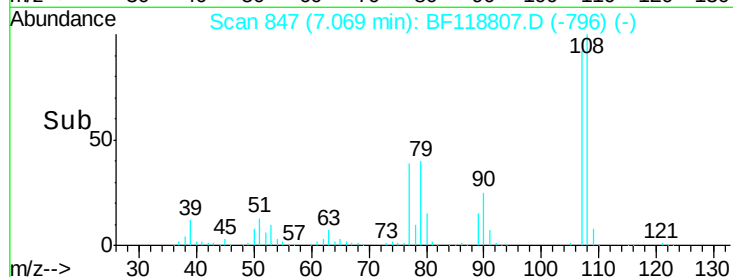
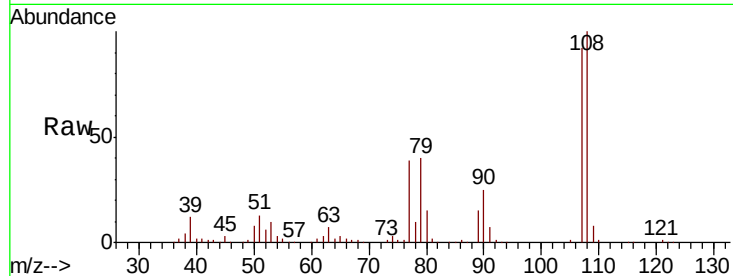




#17
2-Methylphenol
Concen: 41.484 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

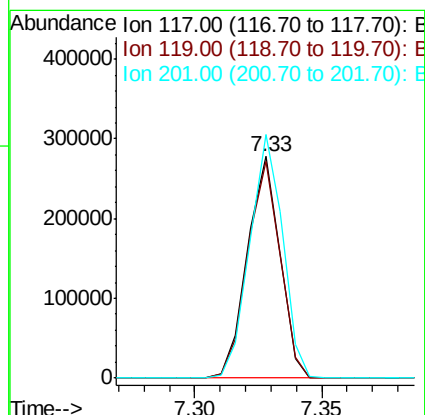
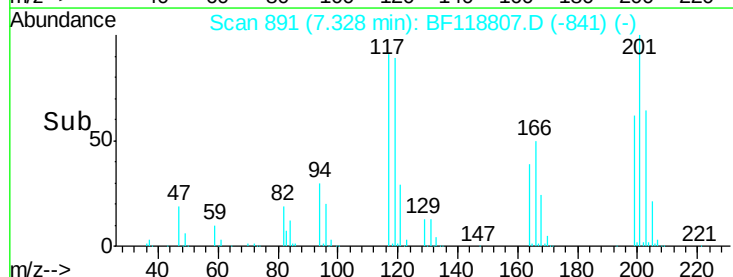
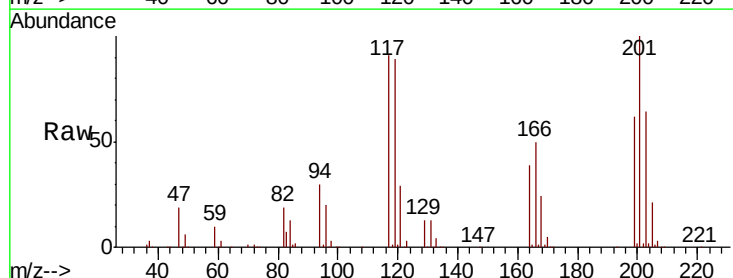
Instrument :
BNA_G
ClientSampleId :

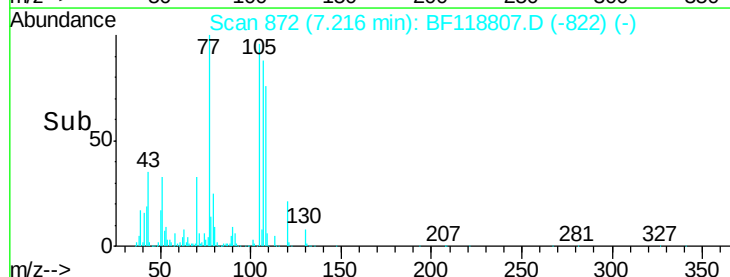
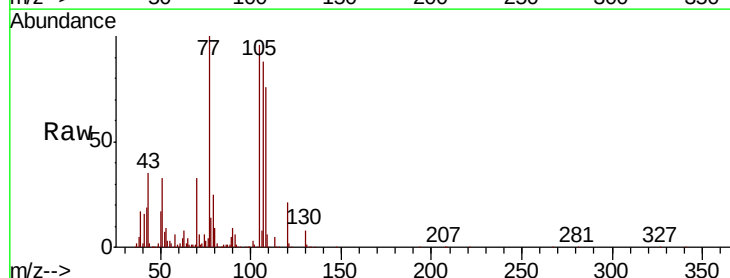
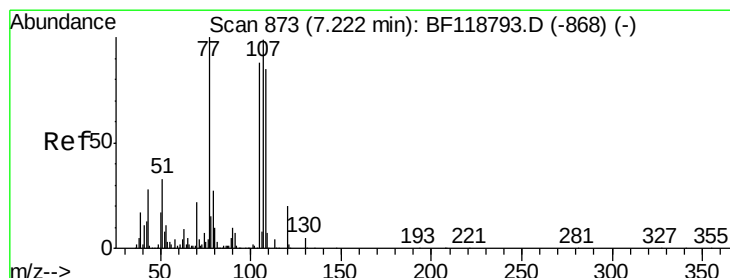
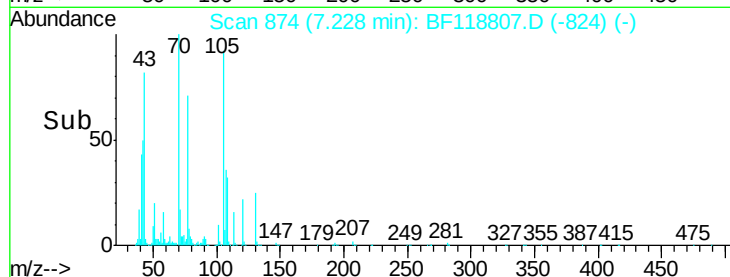
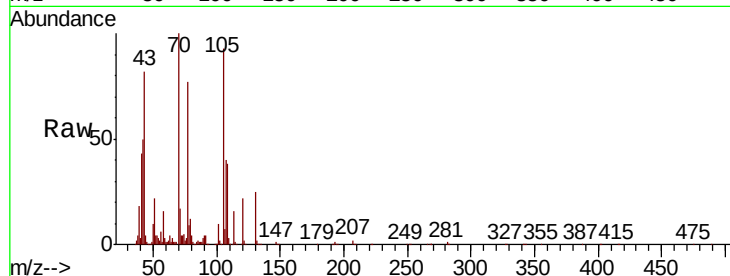
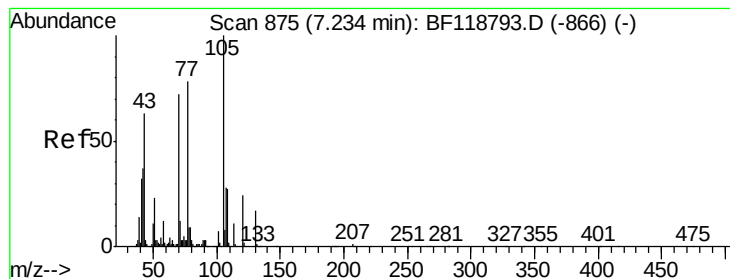
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	89.3	133.9
77	42.8	36.2	54.2
79	43.4	36.3	54.5



#18
Hexachloroethane
Concen: 38.166 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
201	109.9	85.1	127.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.353 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 422737

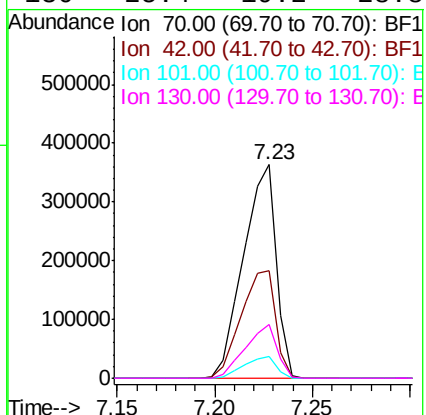
Ion Ratio Lower Upper

70 100

42 50.3 41.5 62.3

101 10.5 8.3 12.5

130 25.4 19.2 28.8



#20

3+4-Methylphenols

Concen: 39.102 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:107 Resp: 626007

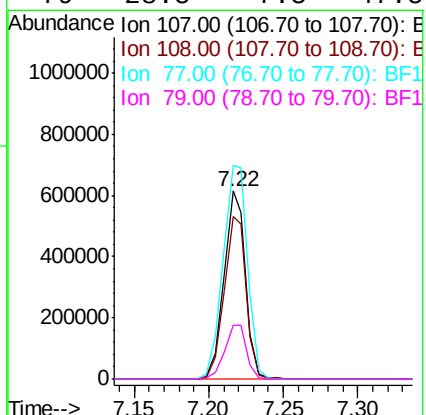
Ion Ratio Lower Upper

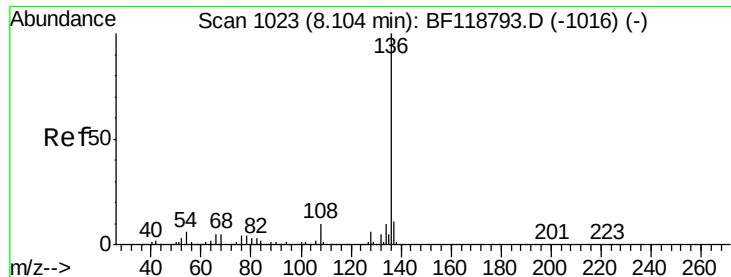
107 100

108 86.5 65.9 105.9

77 113.7 80.9 120.9

79 28.5 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 992255

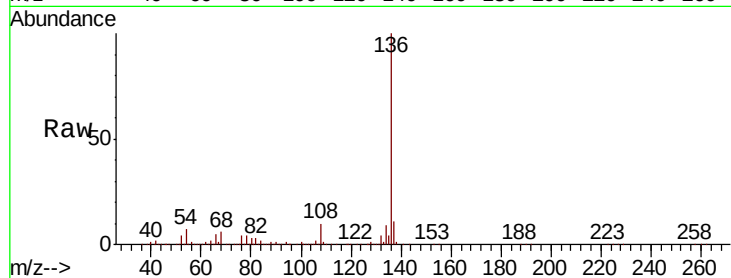
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.8 5.0 7.6

68 5.9 4.2 6.4

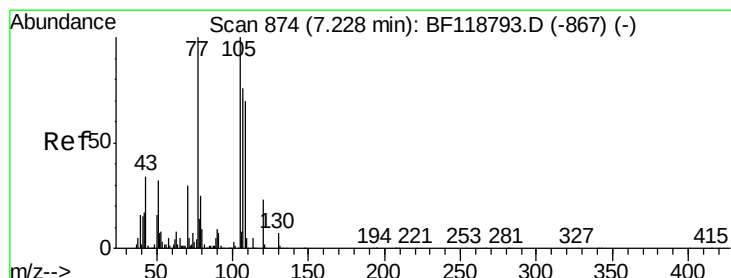
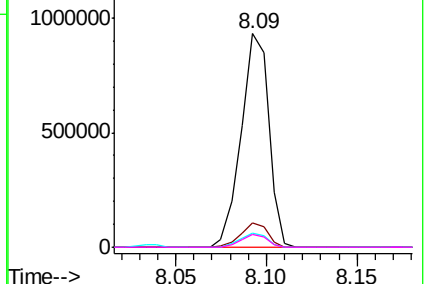
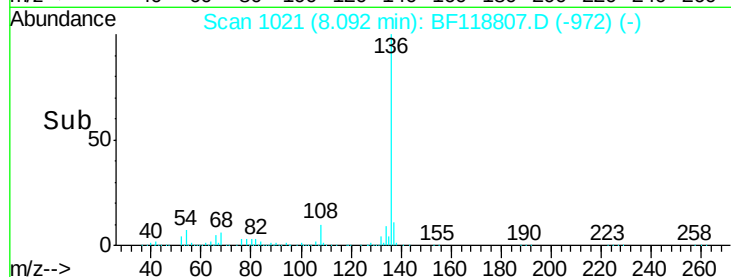


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.020 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:105 Resp: 819642

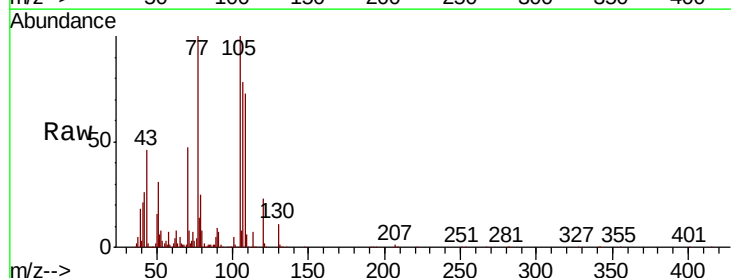
Ion Ratio Lower Upper

105 100

71 7.8 4.2 6.4#

51 31.1 25.5 38.3

120 23.3 18.6 28.0

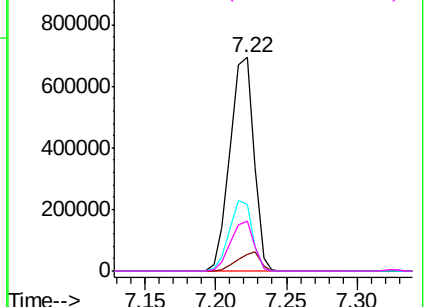
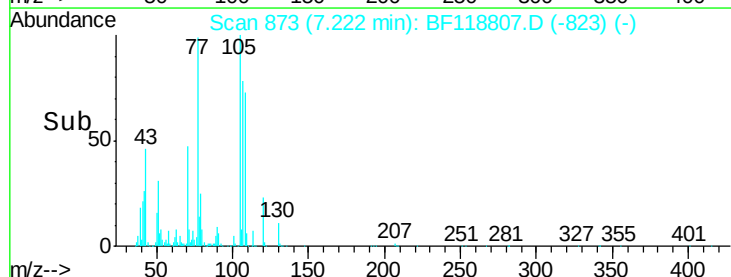


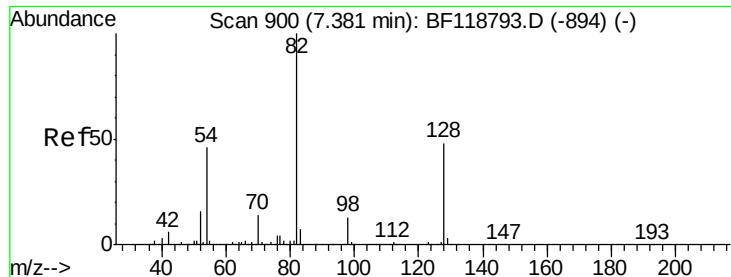
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

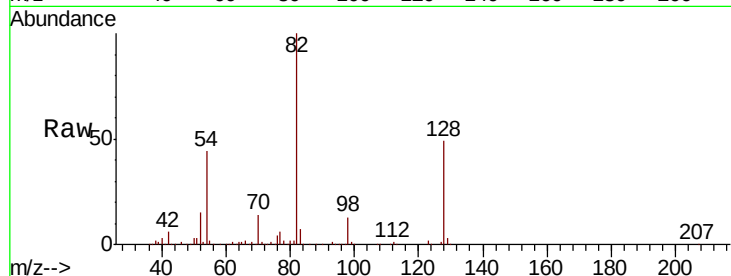




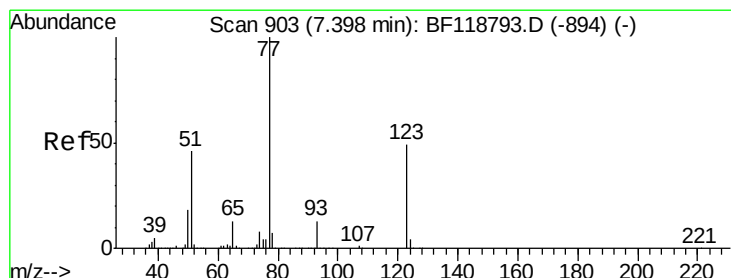
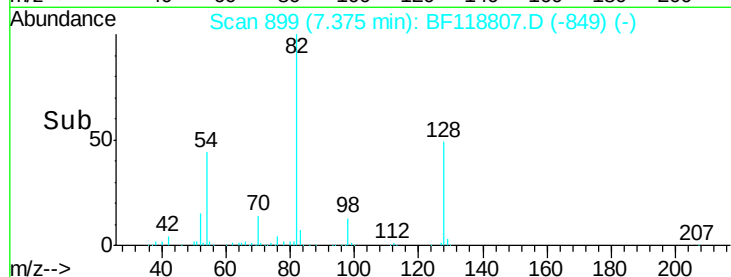
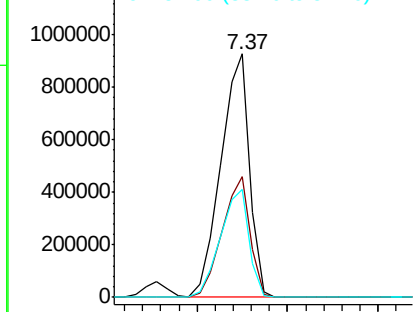
#23
Nitrobenzene-d5
Concen: 60.988 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 1015284
Ion Ratio Lower Upper
82 100
128 49.4 38.5 57.7
54 44.2 36.7 55.1

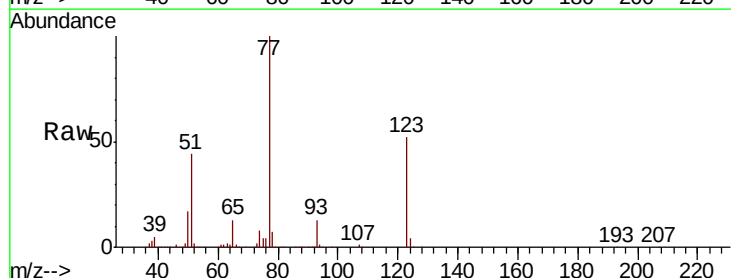


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

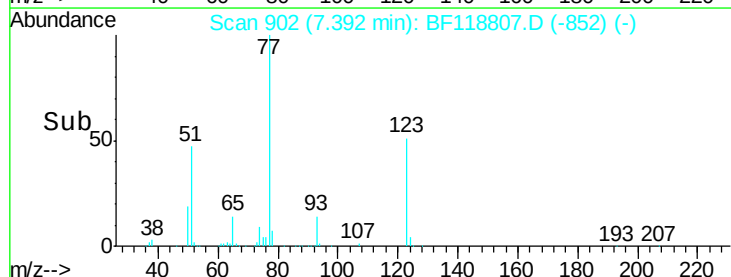
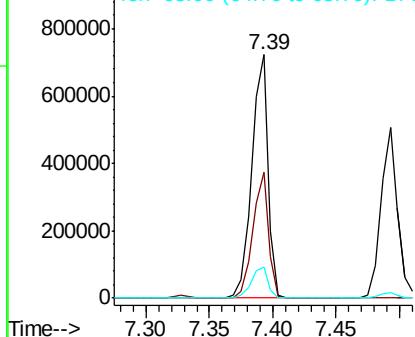


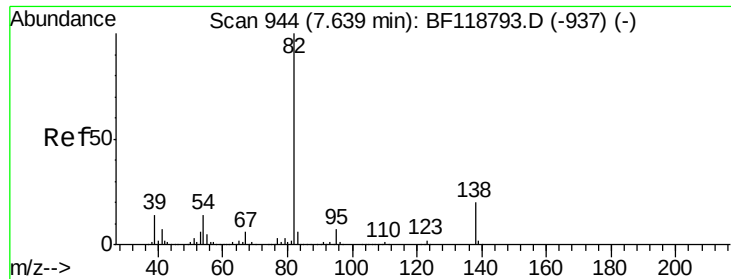
#24
Nitrobenzene
Concen: 39.058 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion: 77 Resp: 649550
Ion Ratio Lower Upper
77 100
123 51.7 39.0 58.4
65 12.9 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: 39.638 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

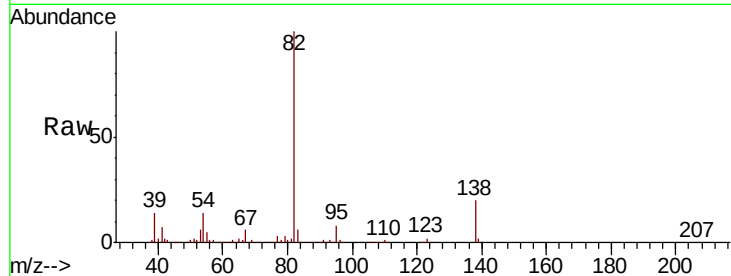
Tot Ion: 82 Resp: 1185906

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

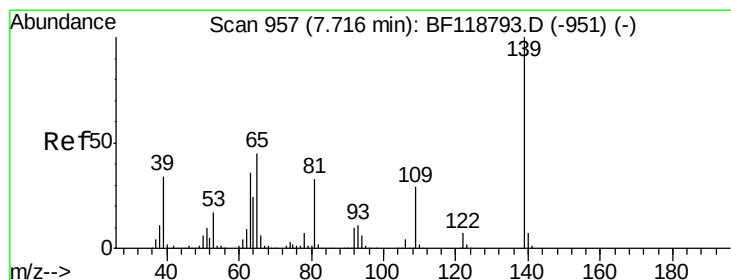
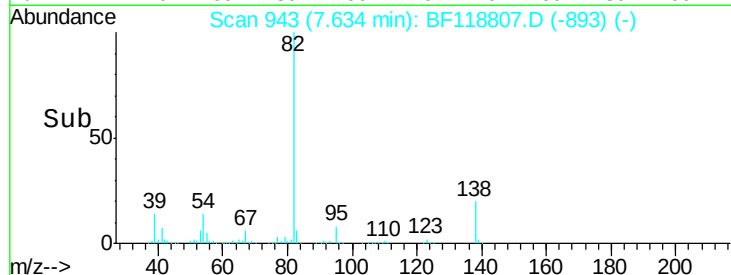
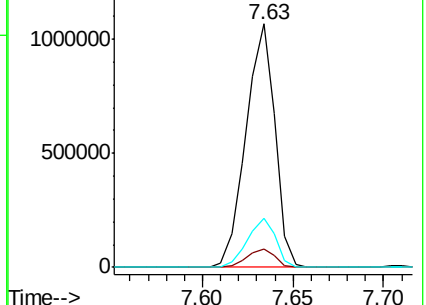
138 20.2 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.238 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

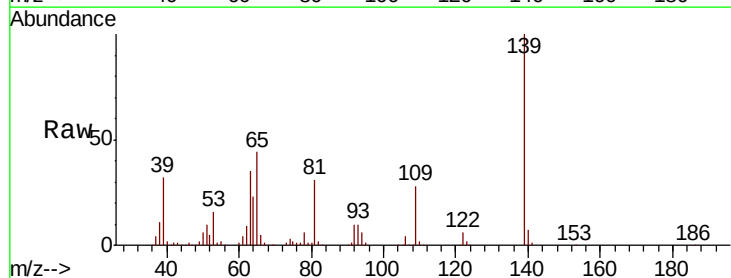
Tgt Ion: 139 Resp: 356581

Ion Ratio Lower Upper

139 100

109 28.5 23.4 35.0

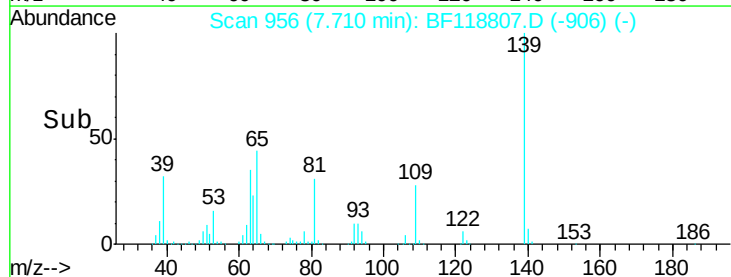
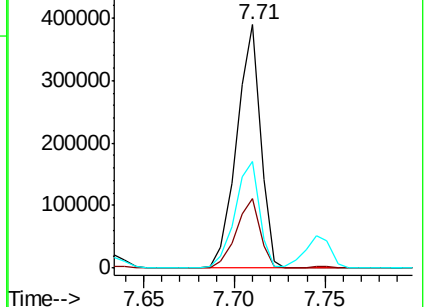
65 43.6 36.2 54.2

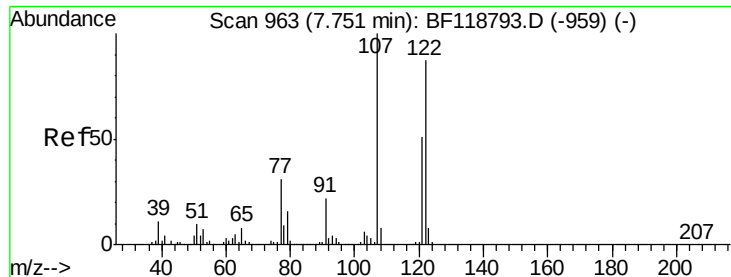


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.255 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

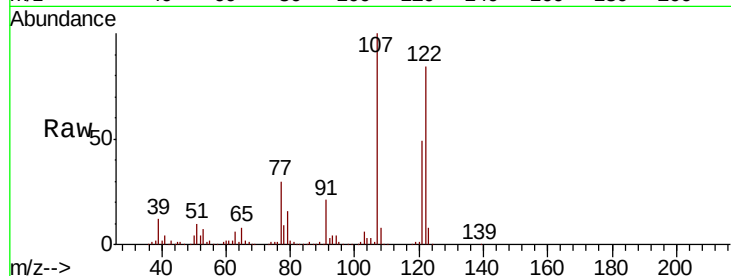
Tot Ion:122 Resp: 556811

Ion Ratio Lower Upper

122 100

107 118.5 92.2 138.2

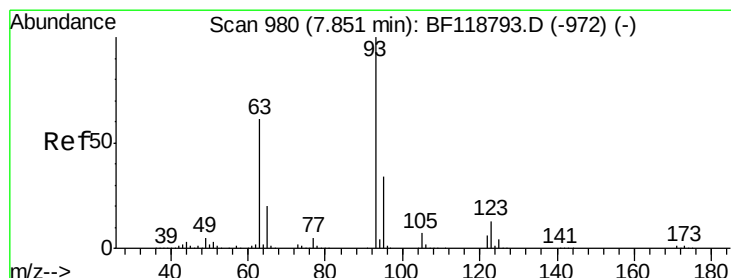
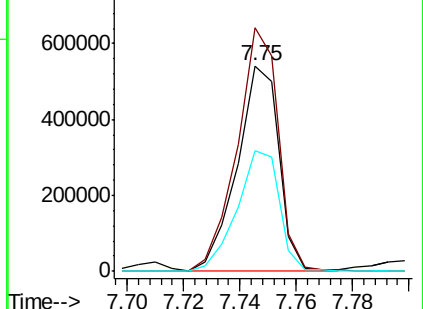
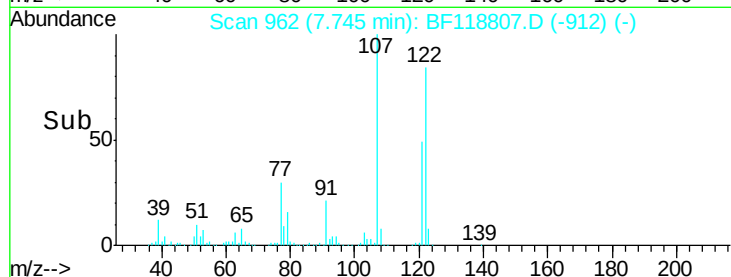
121 58.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.936 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

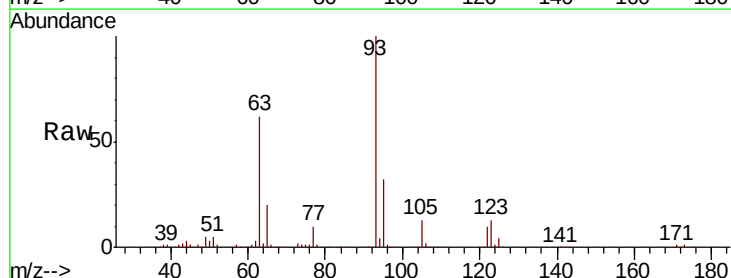
Tgt Ion: 93 Resp: 735978

Ion Ratio Lower Upper

93 100

95 31.8 27.0 40.4

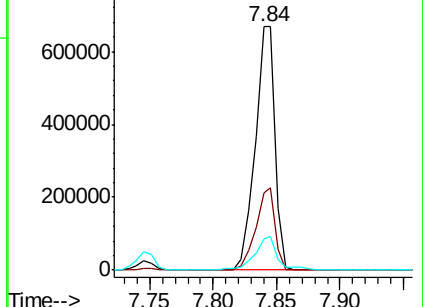
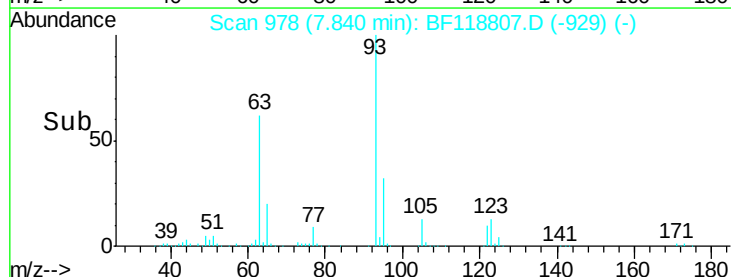
123 12.8 10.6 15.8

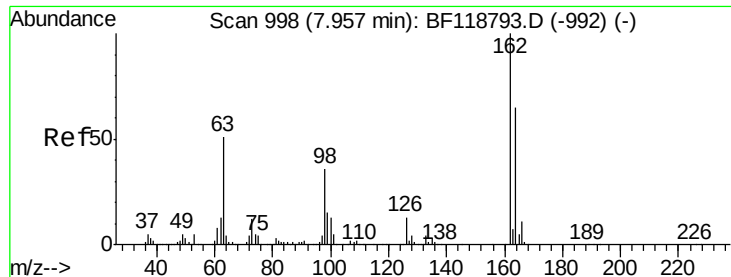


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.455 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

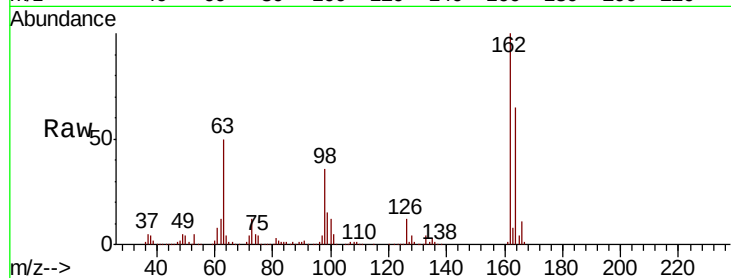
Tot Ion:162 Resp: 568795

Ion Ratio Lower Upper

162 100

164 64.9 44.8 84.8

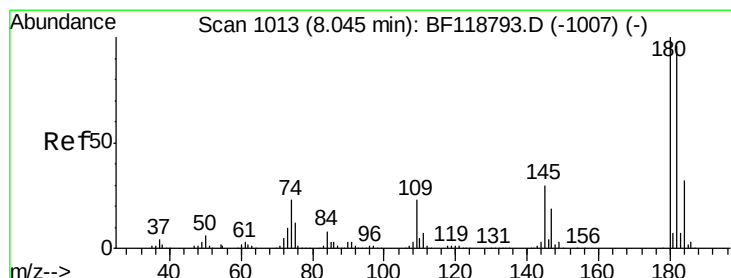
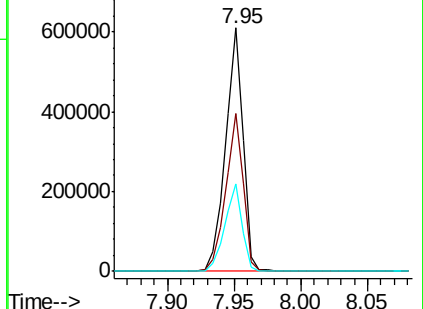
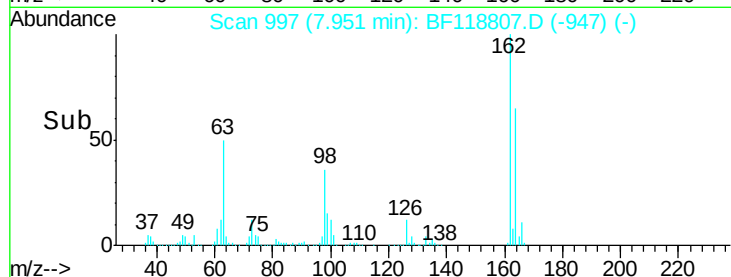
98 36.1 16.4 56.4



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: 38.039 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

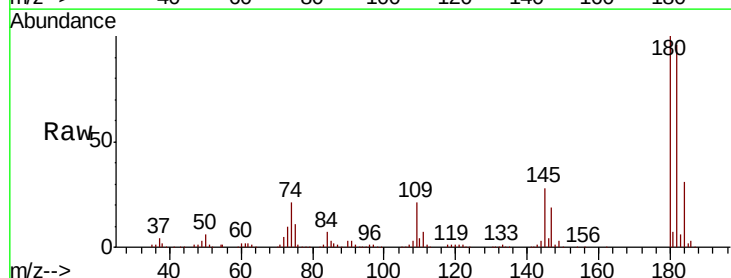
Tgt Ion:180 Resp: 640978

Ion Ratio Lower Upper

180 100

182 96.2 76.6 115.0

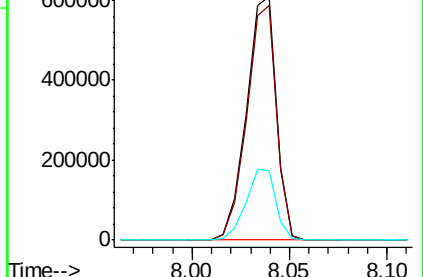
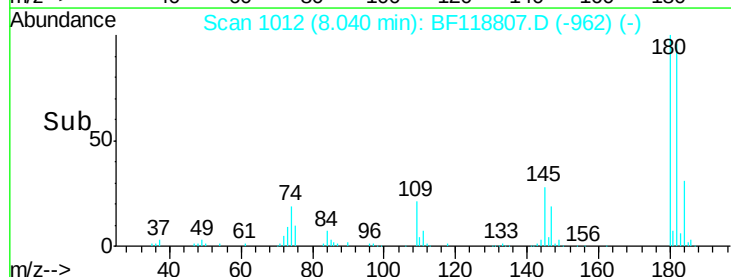
145 28.4 24.0 36.0

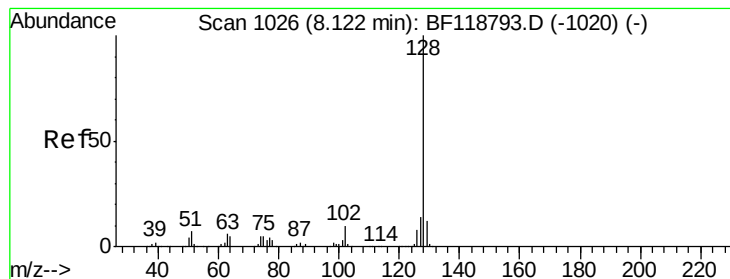


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.468 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

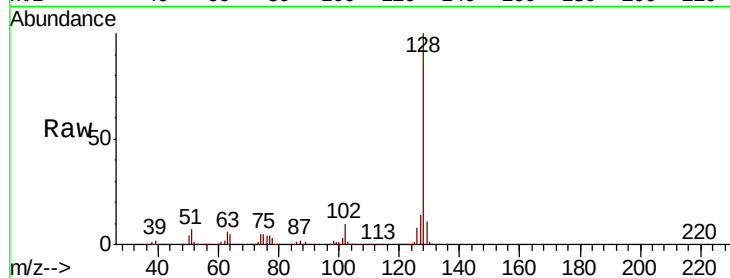
Tot Ion:128 Resp: 1836486

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

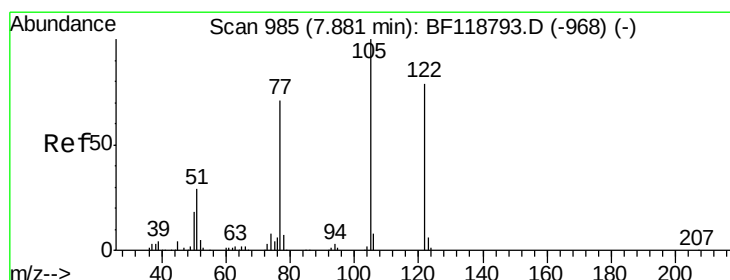
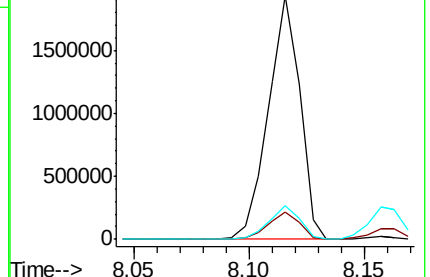
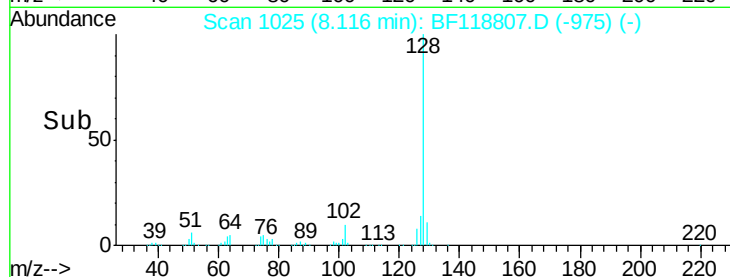
127 13.8 11.3 16.9



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: 35.208 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

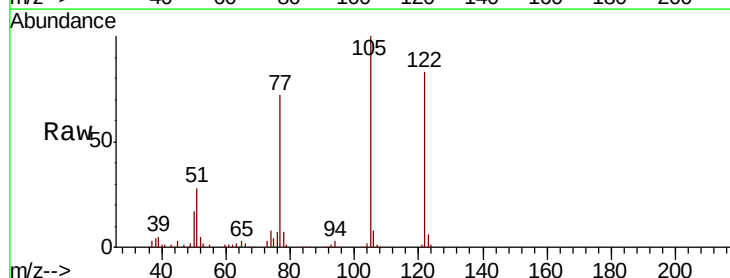
Tgt Ion:122 Resp: 350903

Ion Ratio Lower Upper

122 100

105 120.9 104.4 144.4

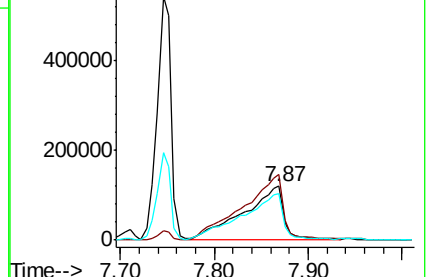
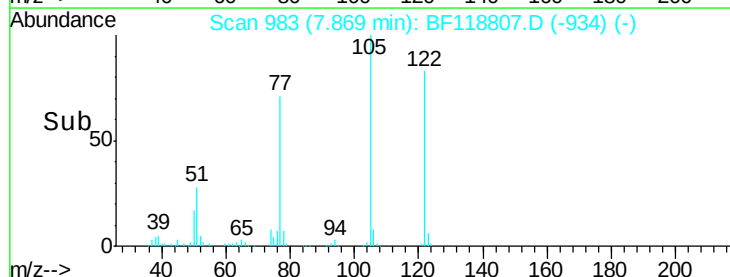
77 86.5 69.3 109.3

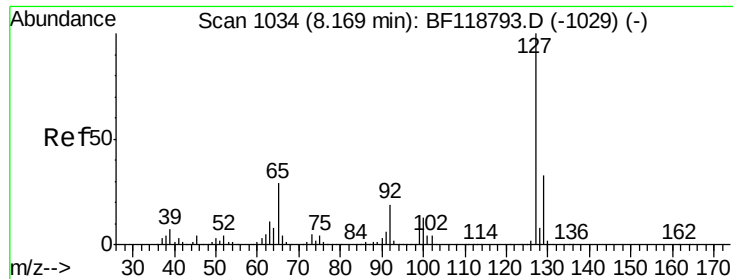


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

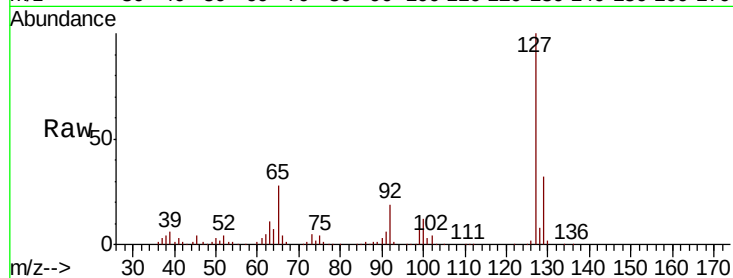




#33
4-Chloroaniline
Concen: 13.336 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	270763
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.7	40.1
65	27.9	22.9	34.3
92	18.8	15.4	23.0



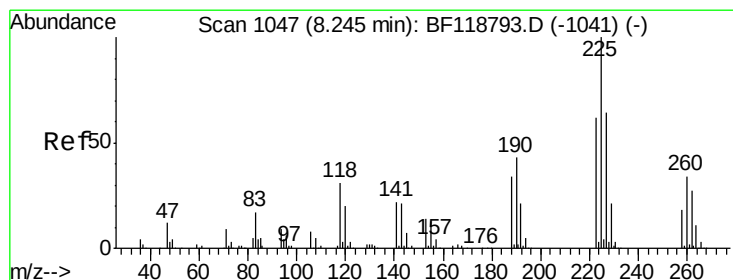
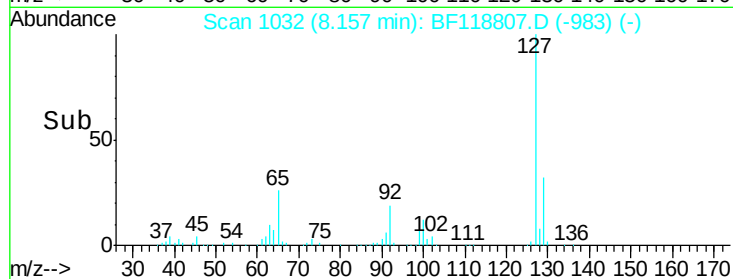
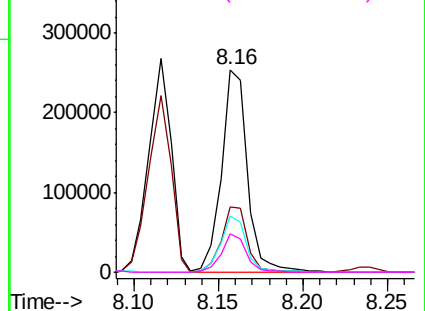
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

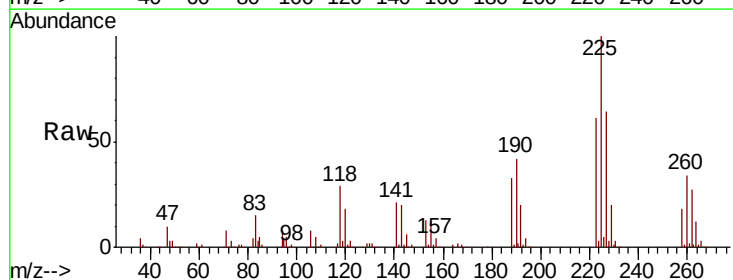
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.810 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:	225	Resp:	380011
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.8	74.8
227	64.1	51.0	76.4

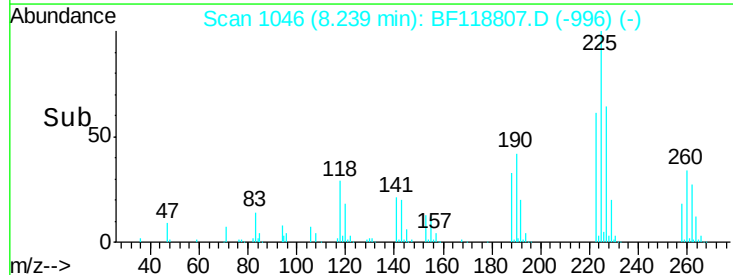
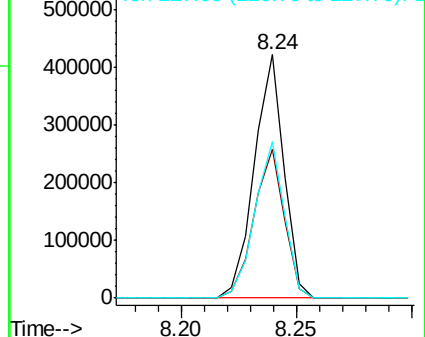


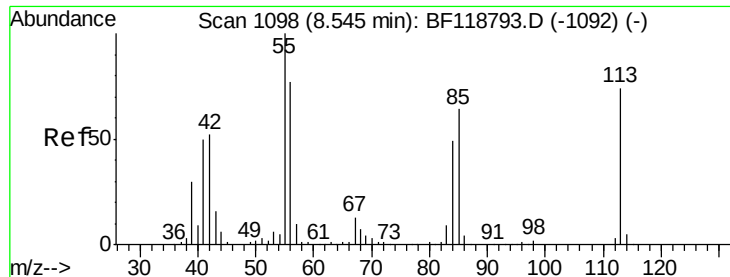
Abundance

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

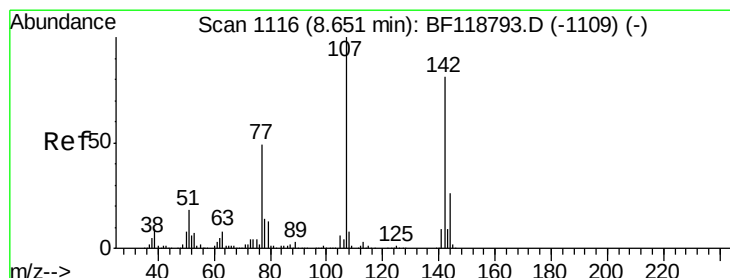
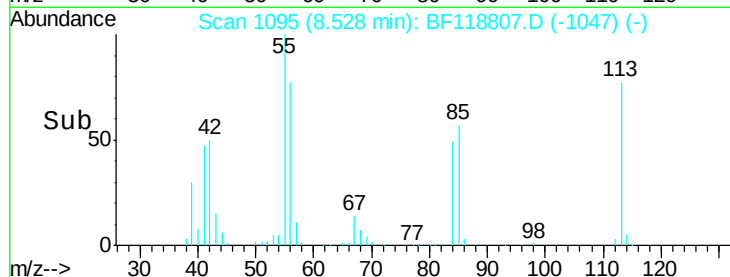
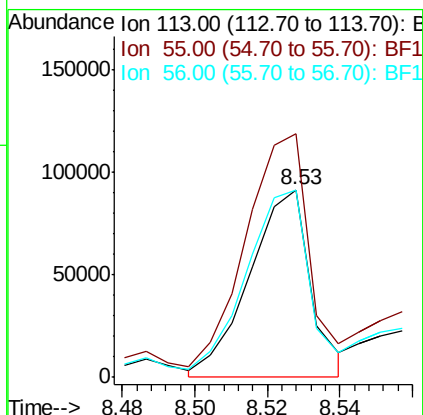
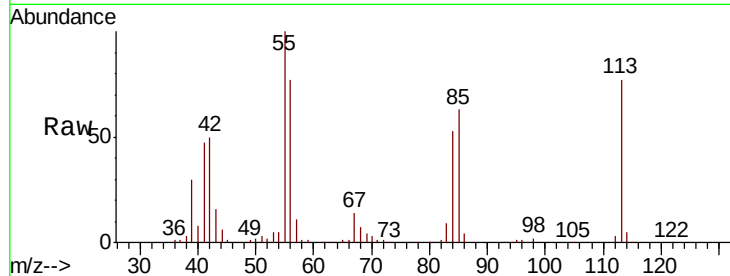




#35
 Caprolactam
 Concen: 22.885 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

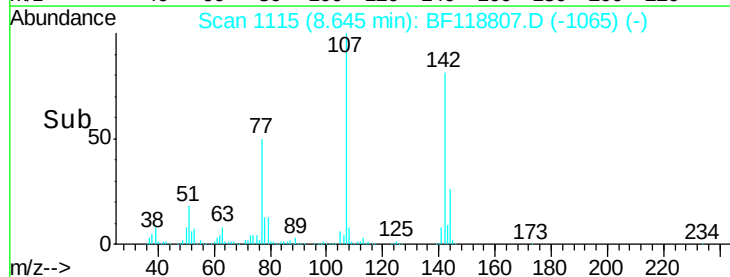
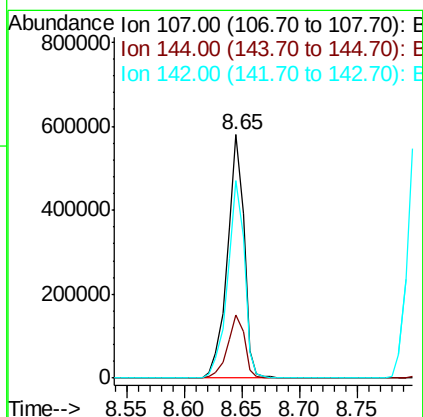
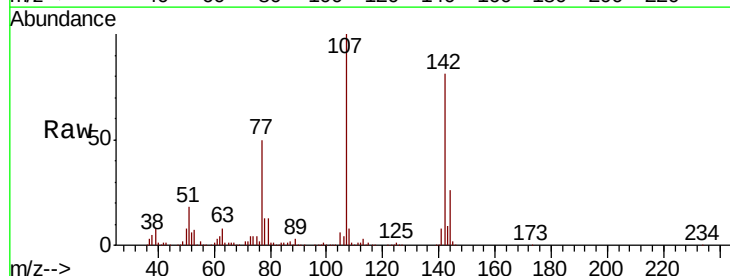
Instrument :
 BNA_G
 ClientSampleId :

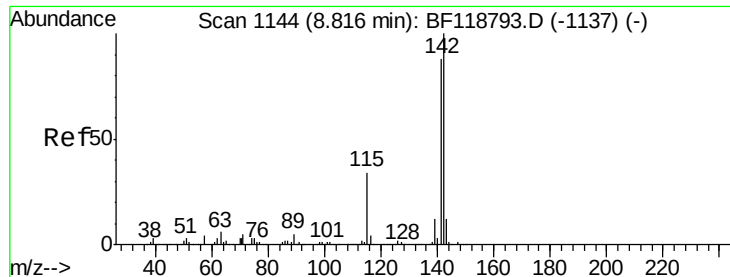
Tot Ion:113 Resp: 106953
 Ion Ratio Lower Upper
 113 100
 55 129.9 115.5 155.5
 56 99.8 83.7 123.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.985 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:107 Resp: 580107
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.0 31.6
 142 81.3 64.8 97.2

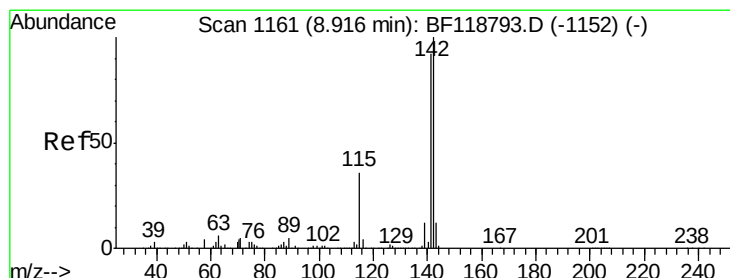
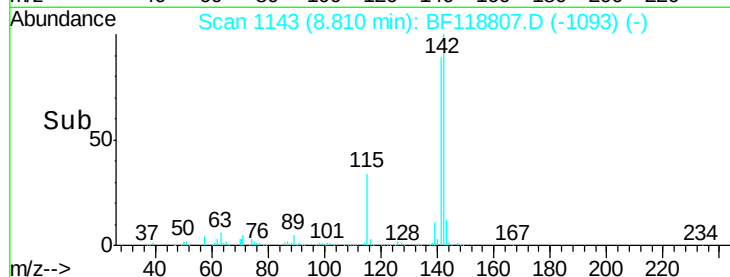
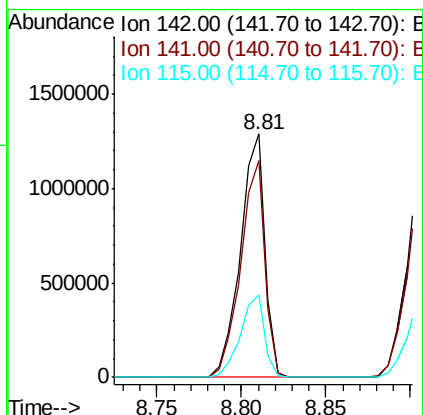
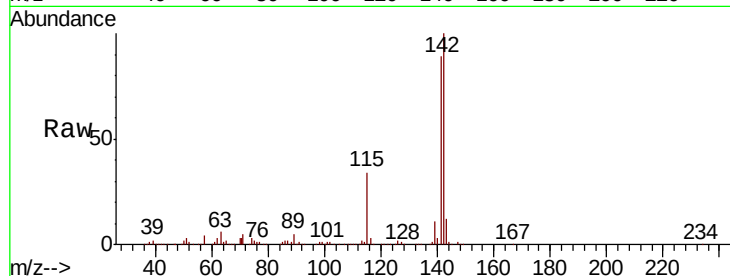




#37
2-Methylnaphthalene
Concen: 41.300 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

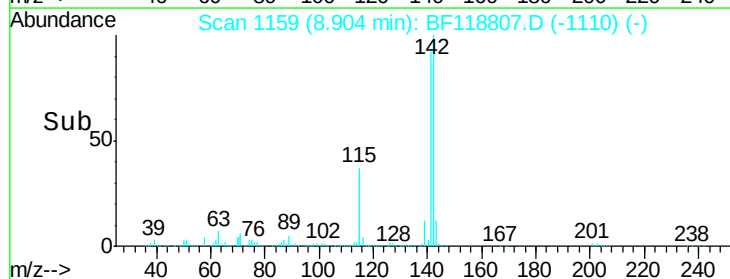
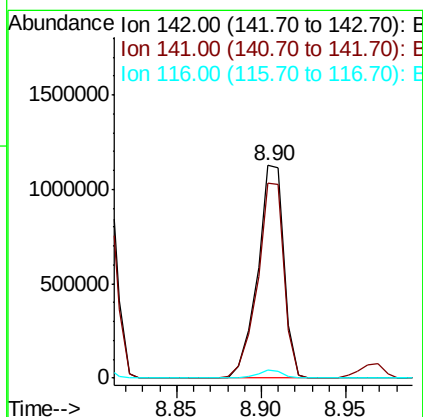
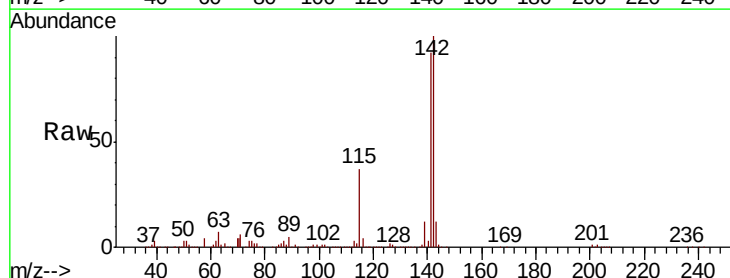
Instrument :
BNA_G
ClientSampleId :

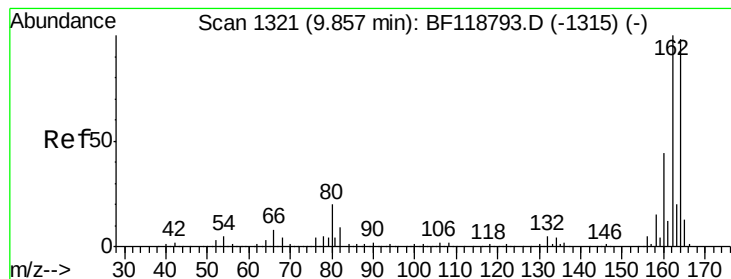
Tot Ion:142 Resp: 1299886
Ion Ratio Lower Upper
142 100
141 89.1 70.1 105.1
115 33.9 27.3 40.9



#38
1-Methylnaphthalene
Concen: 40.983 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:142 Resp: 1213437
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

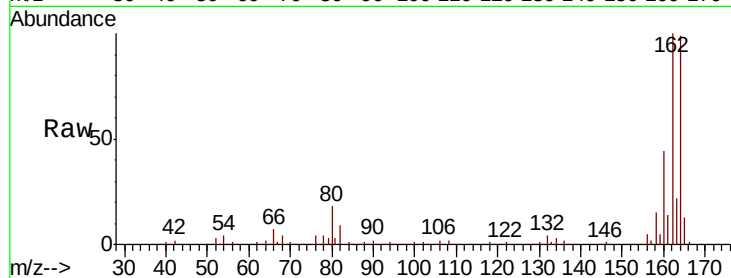
Tot Ion:164 Resp: 563711

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.2

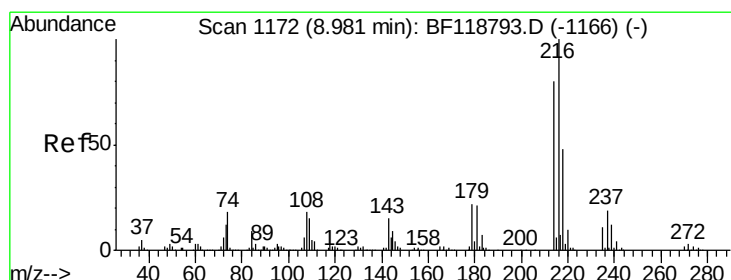
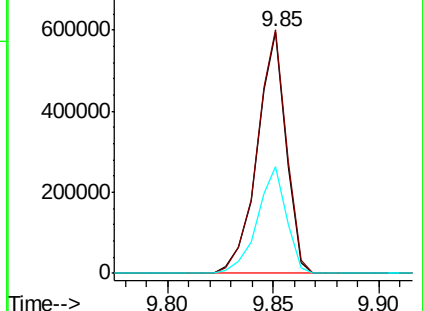
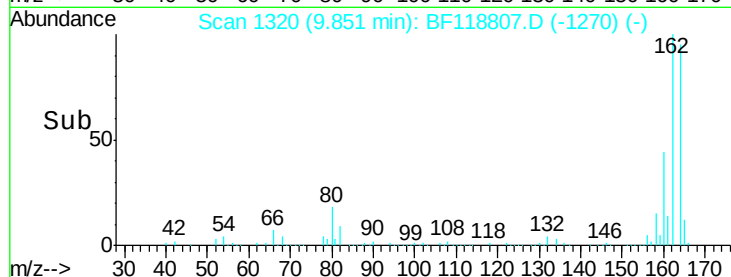
160 44.4 35.6 53.4



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: 36.993 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:216 Resp: 629374

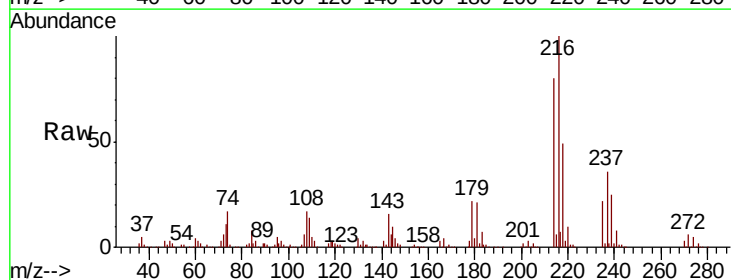
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 21.0 17.0 25.6

108 18.6 13.5 20.3

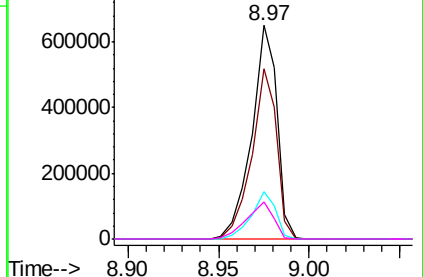
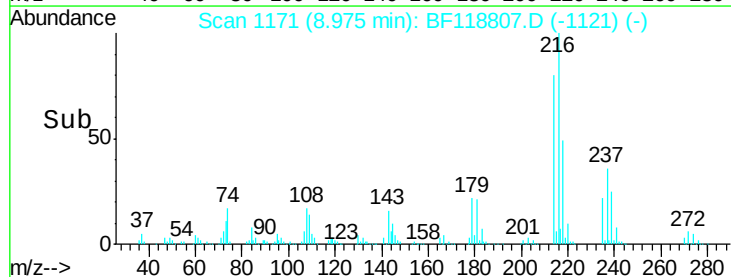


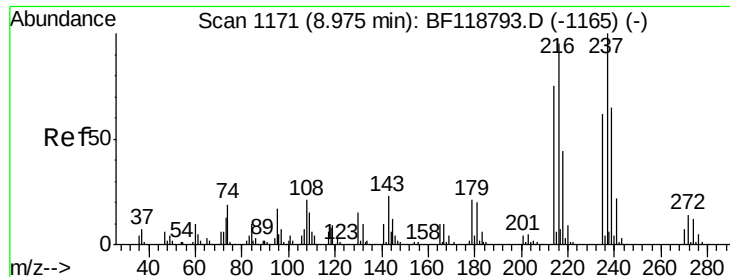
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.213 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

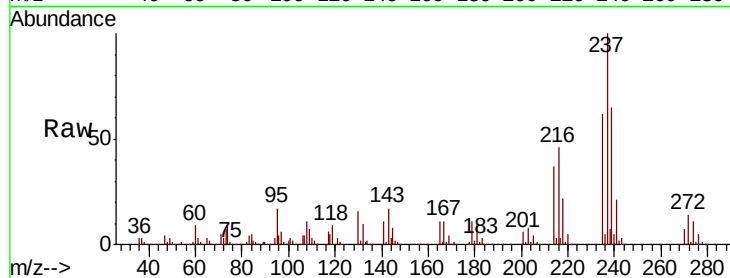
Tot Ion:237 Resp: 661868

Ion Ratio Lower Upper

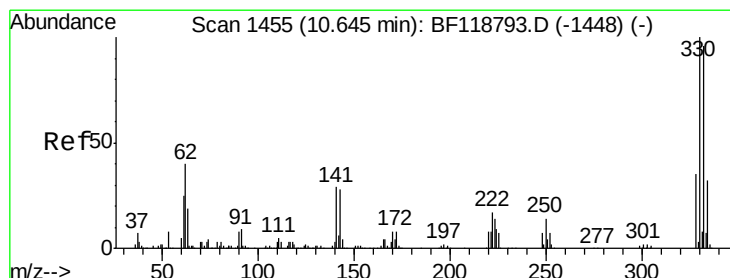
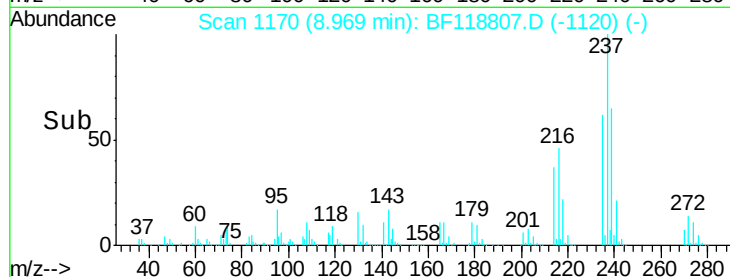
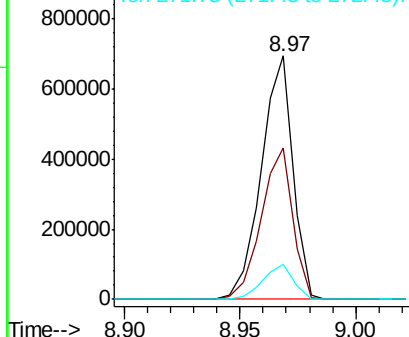
237 100

235 62.0 42.1 82.1

272 14.5 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: 90.291 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

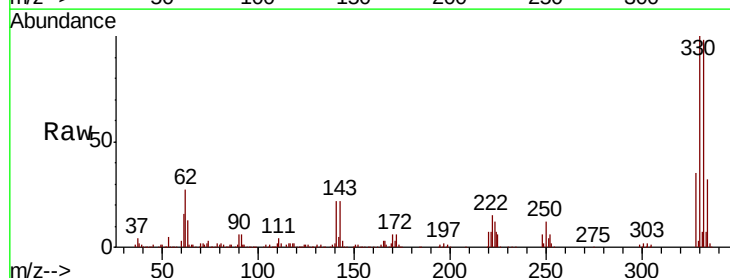
Tgt Ion:330 Resp: 609008

Ion Ratio Lower Upper

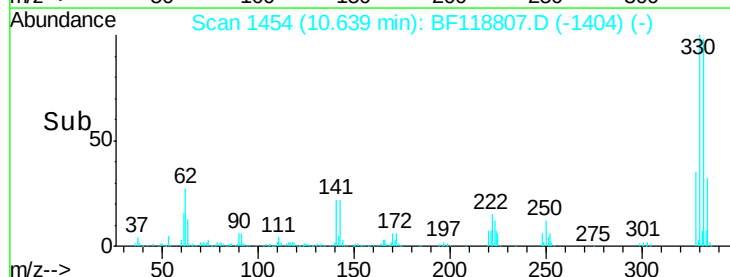
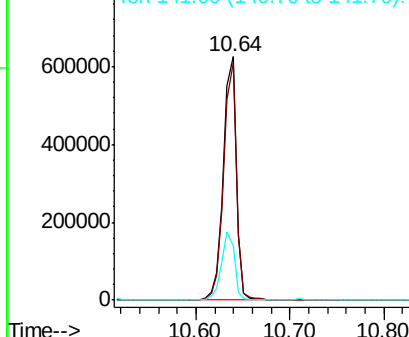
330 100

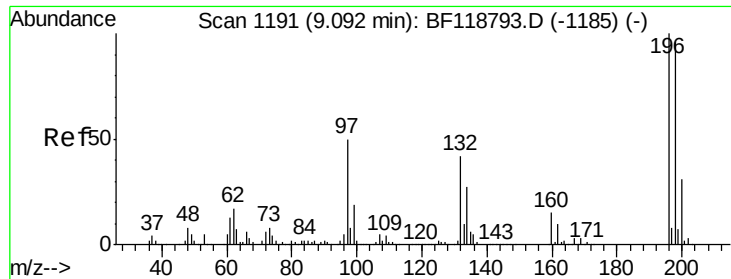
332 95.8 77.3 115.9

141 28.0 22.4 33.6



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

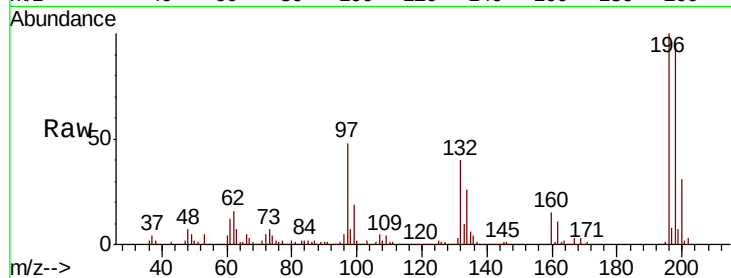




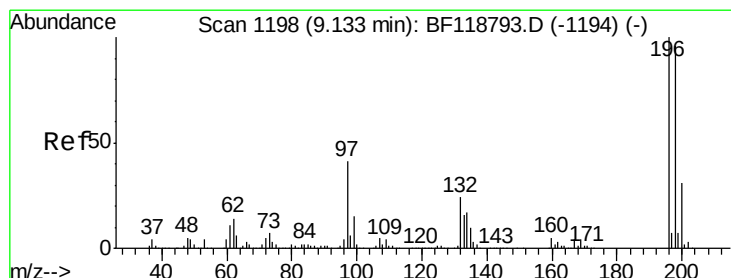
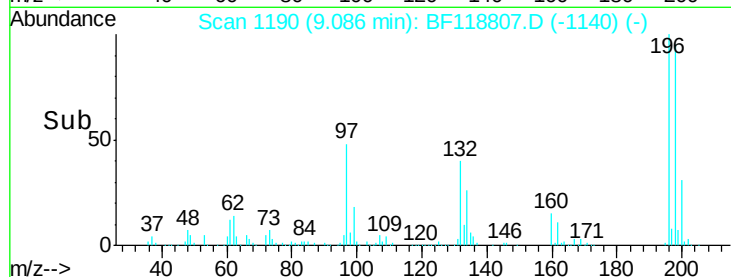
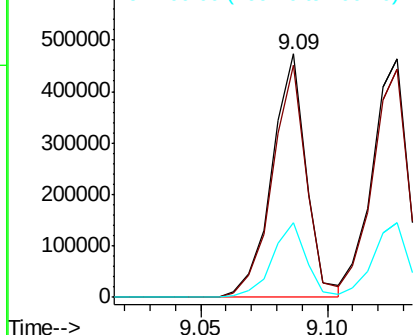
#43
 2,4,6-Trichlorophenol
 Concen: 38.890 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 442449
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.7 115.1
 200 30.5 24.9 37.3

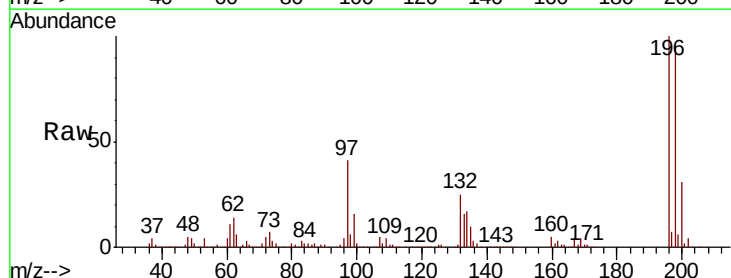


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

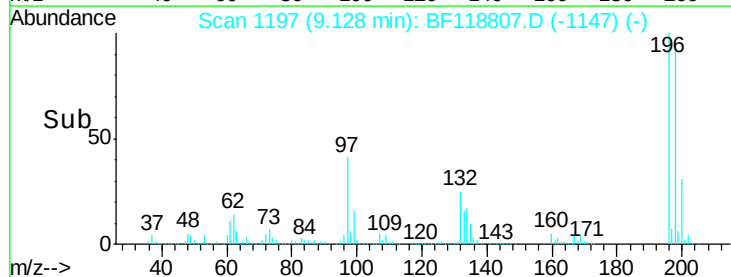
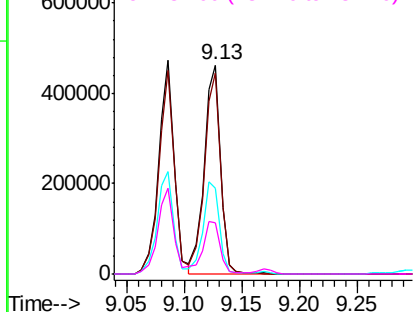


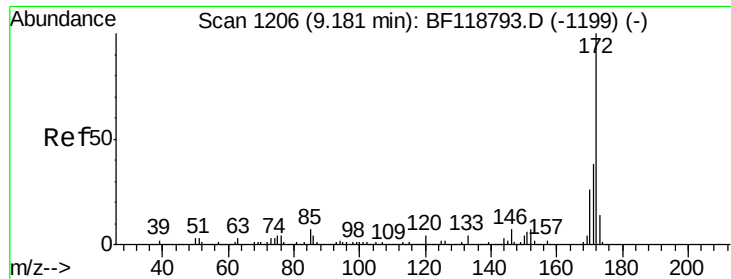
#44
 2,4,5-Trichlorophenol
 Concen: 39.333 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:196 Resp: 457232
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.0 115.4
 97 41.1 32.9 49.3
 132 24.7 19.9 29.9



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

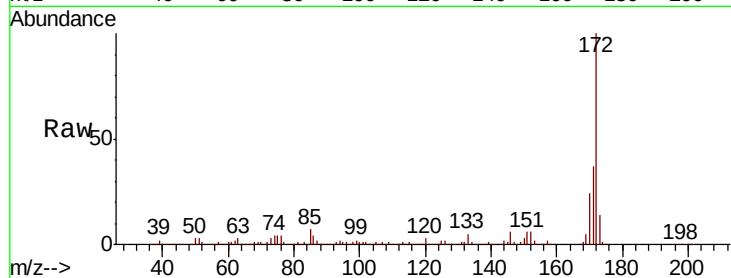




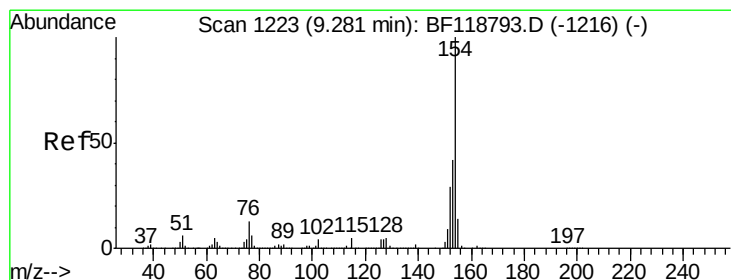
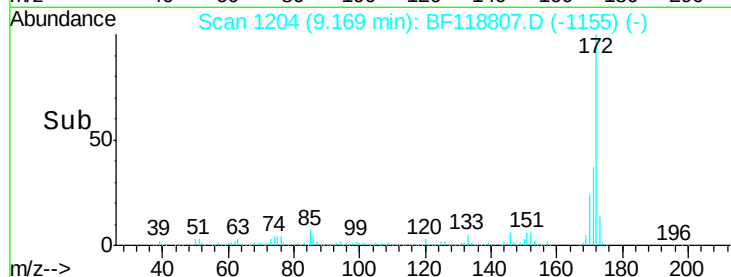
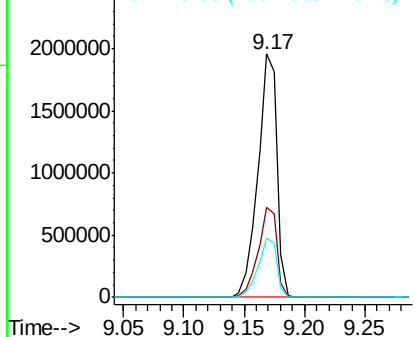
#45
2-Fluorobiphenyl
Concen: 68.264 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 2152564
Ion Ratio Lower Upper
172 100
171 36.9 30.8 46.2
170 24.3 20.5 30.7

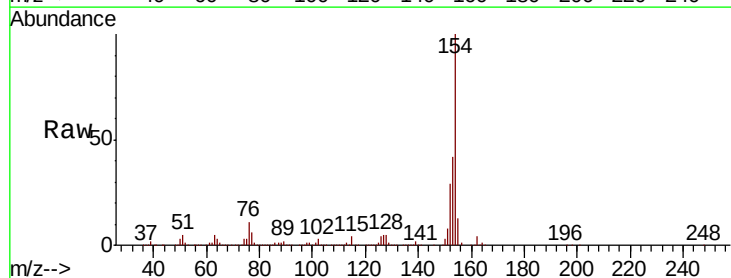


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

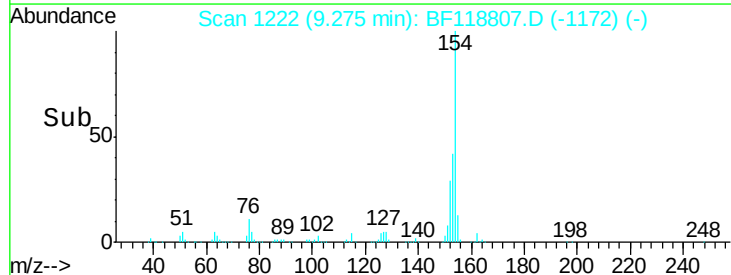
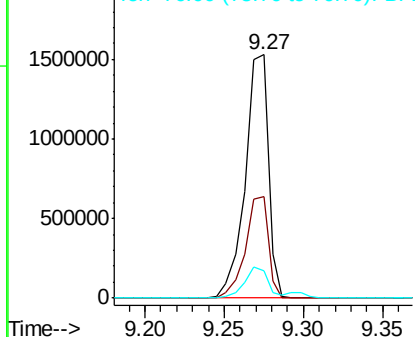


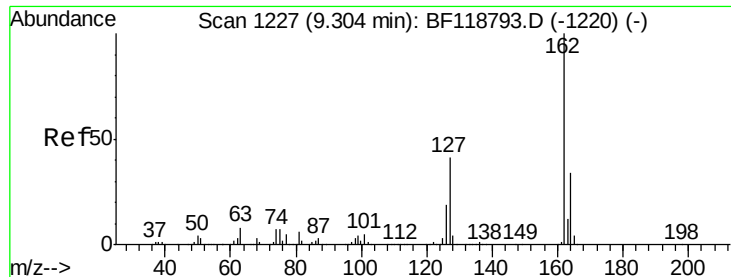
#46
1,1'-Biphenyl
Concen: 39.462 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:154 Resp: 1538794
Ion Ratio Lower Upper
154 100
153 41.9 22.4 62.4
76 11.2 0.0 32.7



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

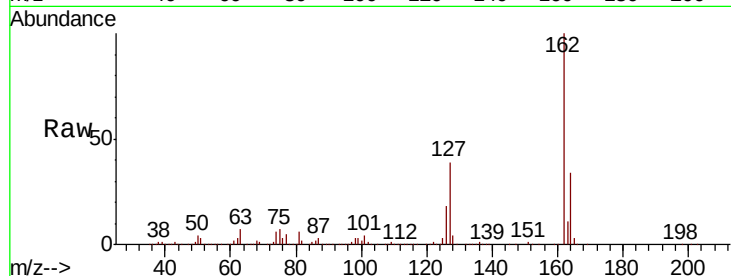




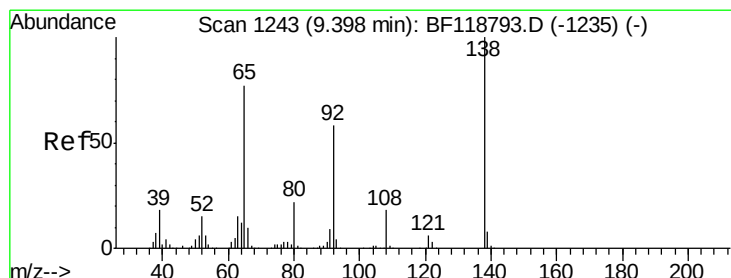
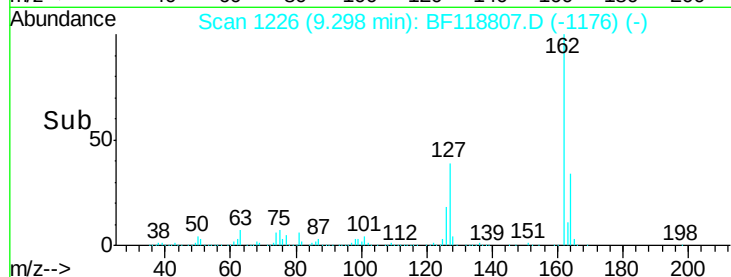
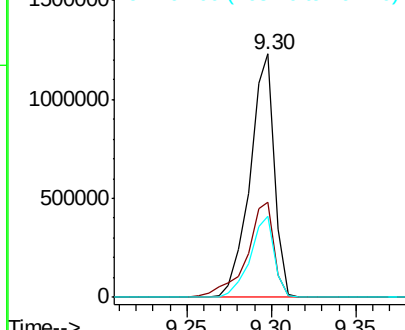
#47
2-Chloronaphthalene
Concen: 38.249 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 1239938
Ion Ratio Lower Upper
162 100
127 39.2 33.3 49.9
164 33.5 27.1 40.7

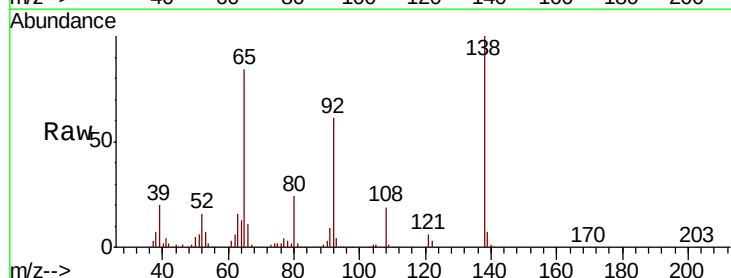


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

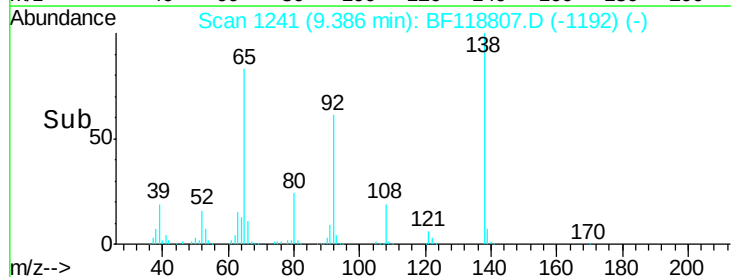
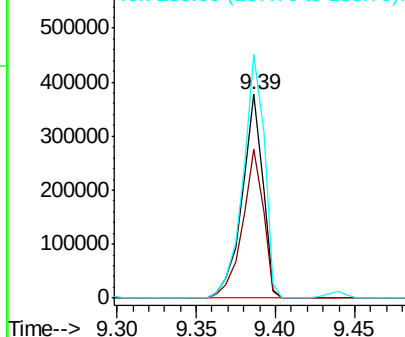


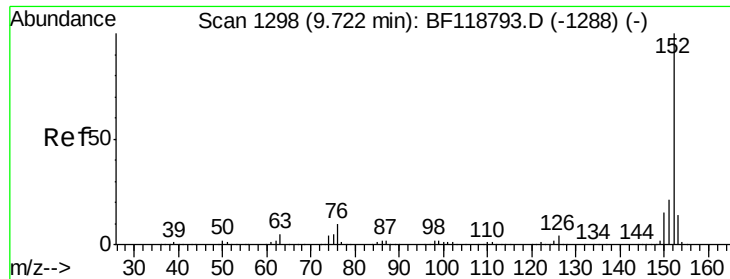
#48
2-Nitroaniline
Concen: 36.497 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion: 65 Resp: 341237
Ion Ratio Lower Upper
65 100
92 72.8 60.6 91.0
138 119.4 104.6 156.8



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: 40.852 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

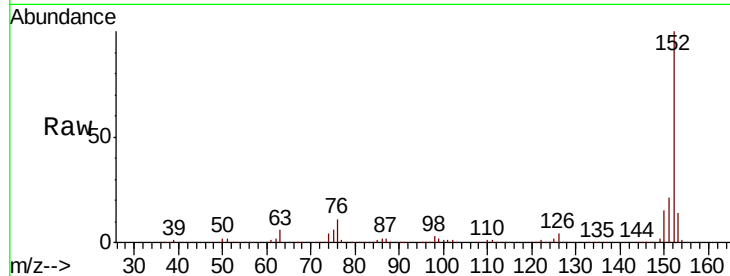
Tot Ion:152 Resp: 1912121

Ion Ratio Lower Upper

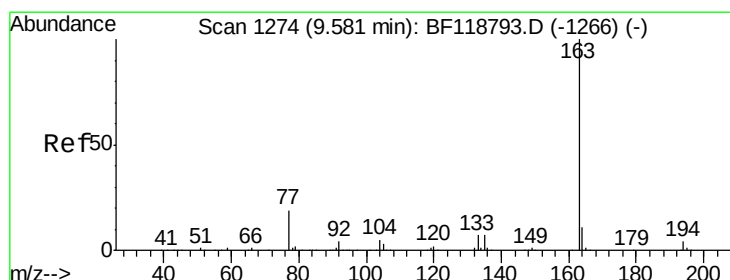
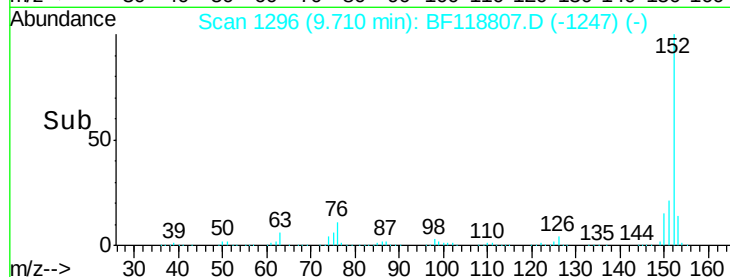
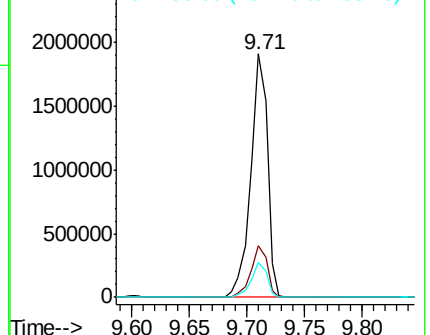
152 100

151 21.3 17.1 25.7

153 14.1 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: 40.710 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

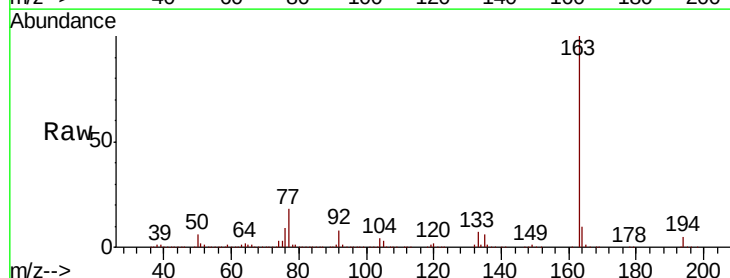
Tgt Ion:163 Resp: 1562581

Ion Ratio Lower Upper

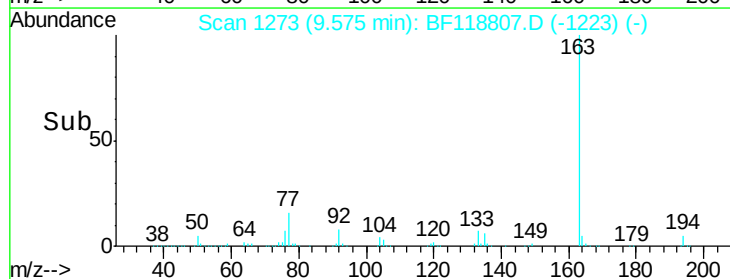
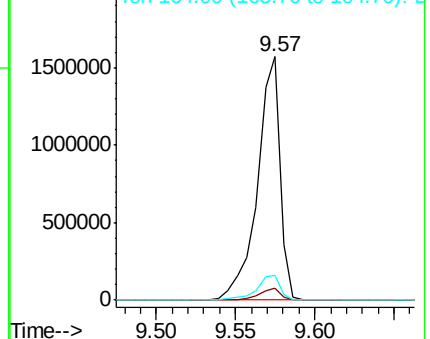
163 100

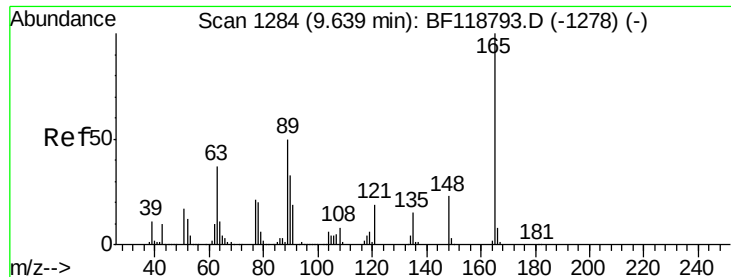
194 4.7 3.6 5.4

164 10.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.955 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

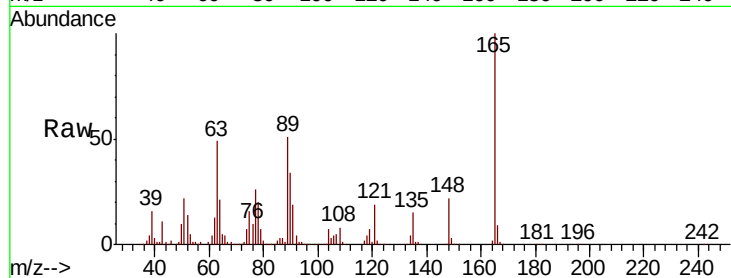
Tot Ion:165 Resp: 350906

Ion Ratio Lower Upper

165 100

63 48.7 37.4 56.0

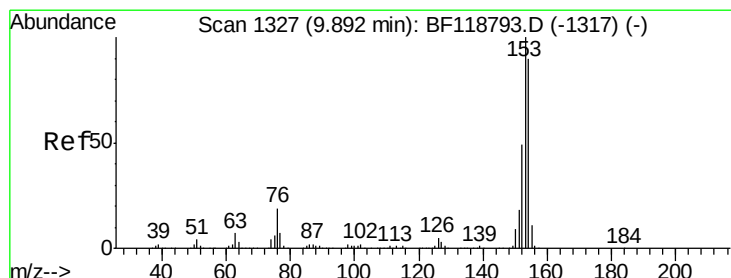
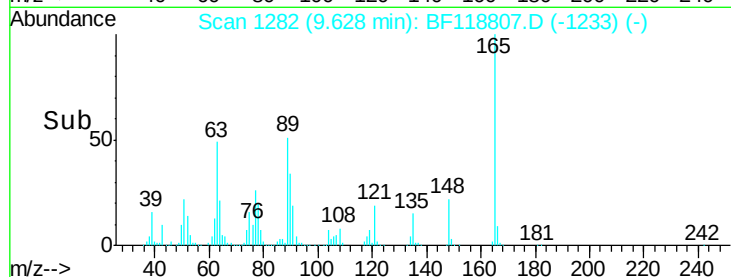
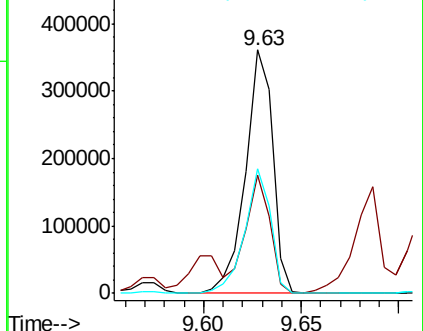
89 51.3 39.7 59.5



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



#52

Acenaphthene

Concen: 42.009 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

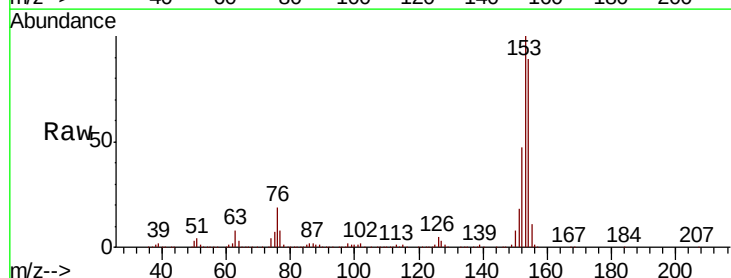
Tgt Ion:154 Resp: 1295690

Ion Ratio Lower Upper

154 100

153 112.2 89.4 134.0

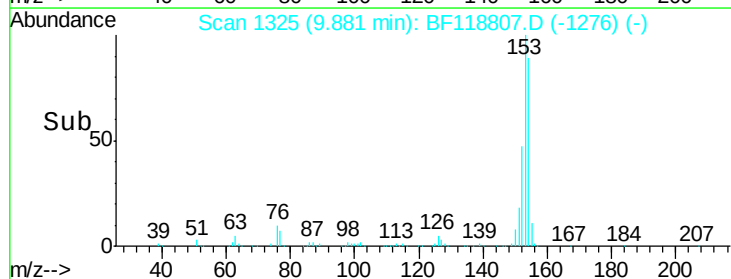
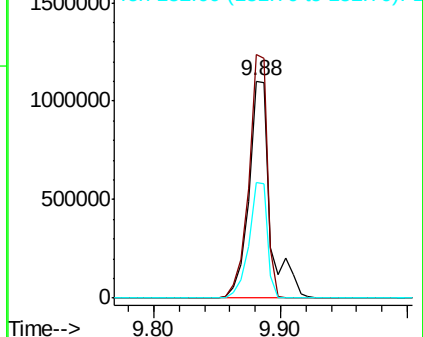
152 53.2 43.6 65.4

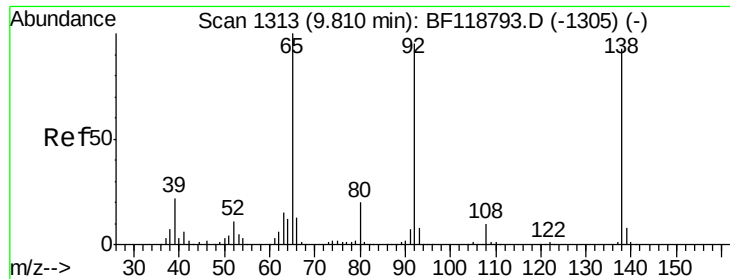


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

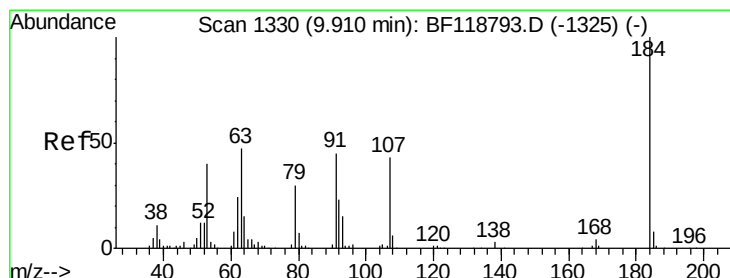
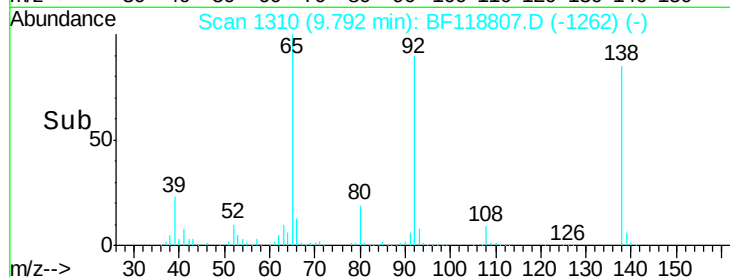
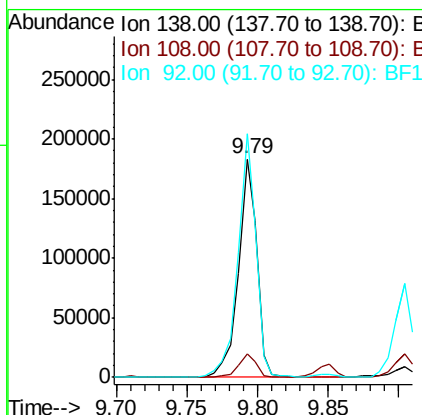
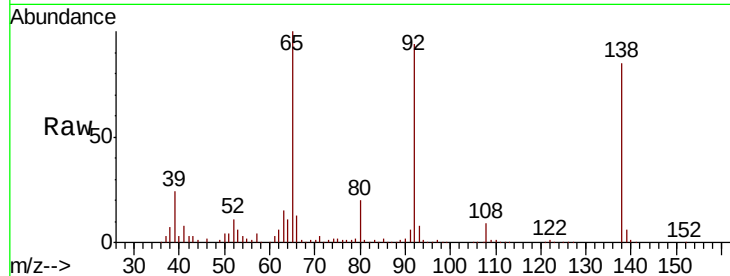




#53
3-Nitroaniline
Concen: 17.060 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

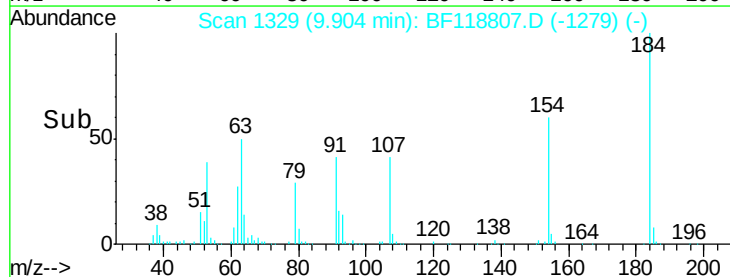
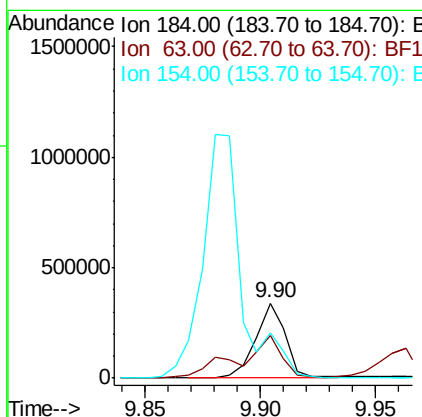
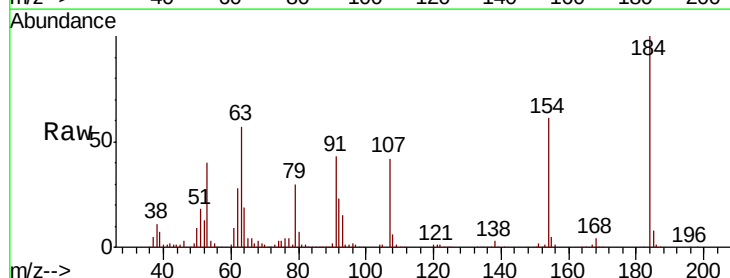
Instrument :
BNA_G
ClientSampleId :

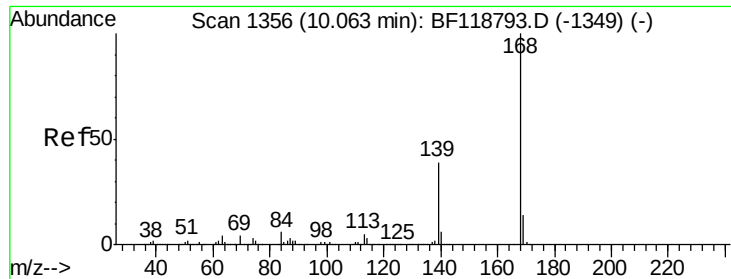
Tot Ion:138 Resp: 166162
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 111.7 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 72.827 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:184 Resp: 307482
Ion Ratio Lower Upper
184 100
63 57.3 47.5 71.3
154 60.5 48.6 72.8





#55

Dibenzofuran

Concen: 38.769 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

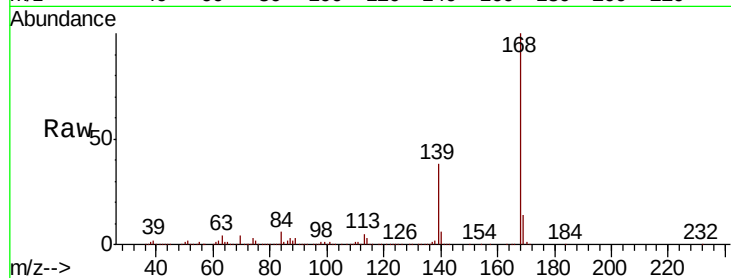
Tot Ion:168 Resp: 1728112

Ion Ratio Lower Upper

168 100

139 38.2 31.6 47.4

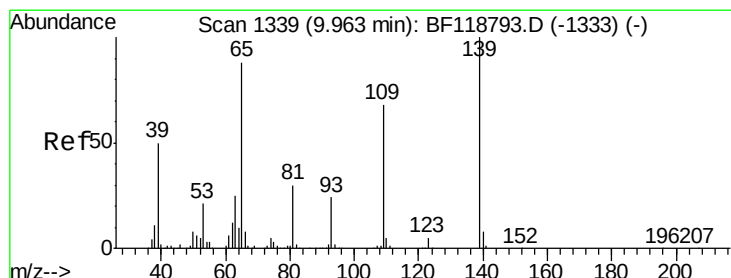
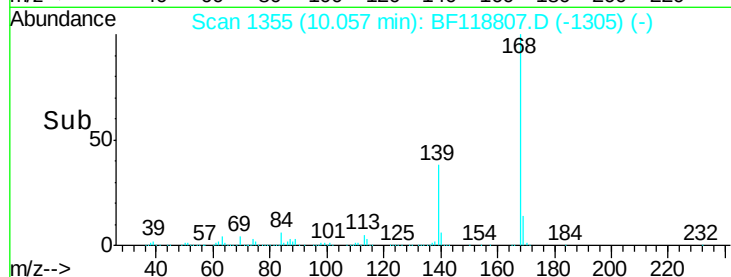
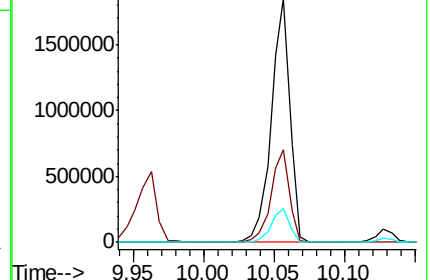
169 13.9 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.730 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

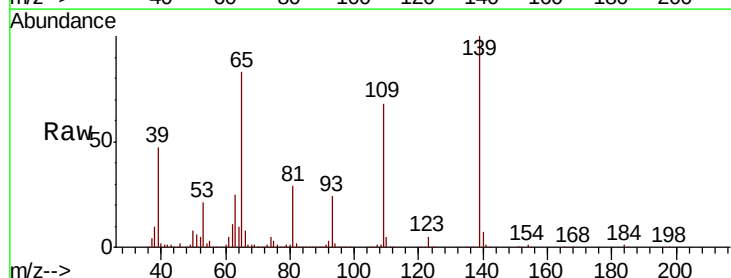
Tgt Ion:139 Resp: 547939

Ion Ratio Lower Upper

139 100

109 68.0 48.0 88.0

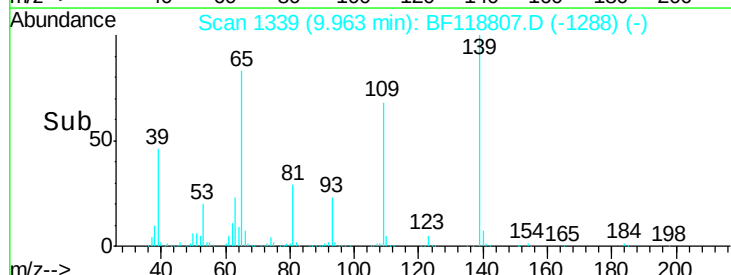
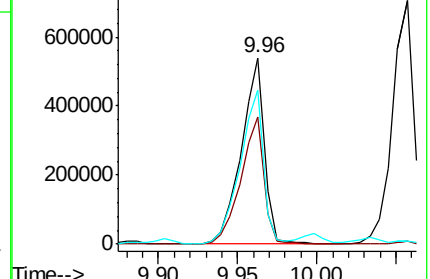
65 82.8 68.3 108.3

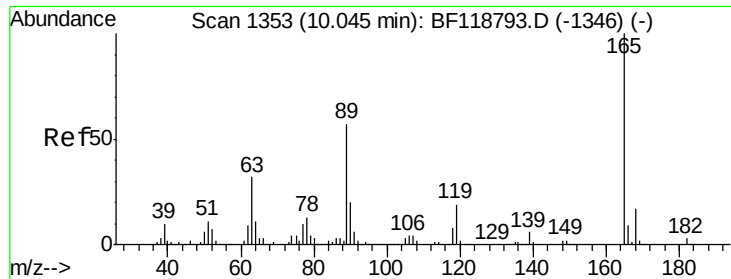


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

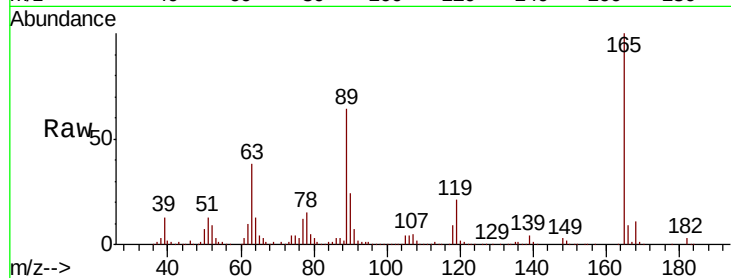




#57
2,4-Dinitrotoluene
Concen: 39.667 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	25.5	38.3
89	64.1	45.4	68.0
182	3.0	2.4	3.6

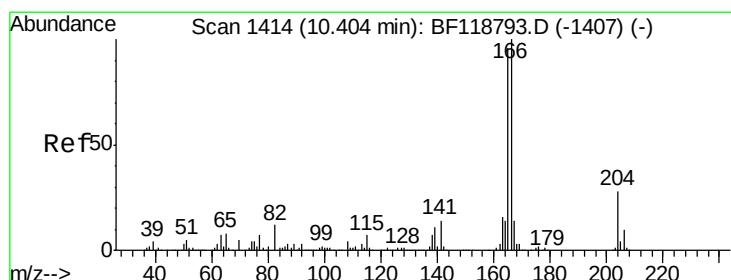
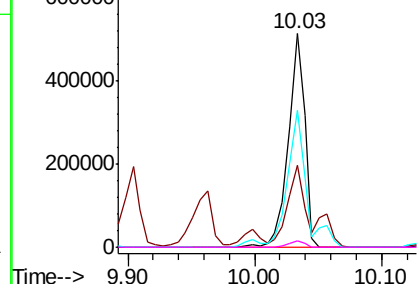
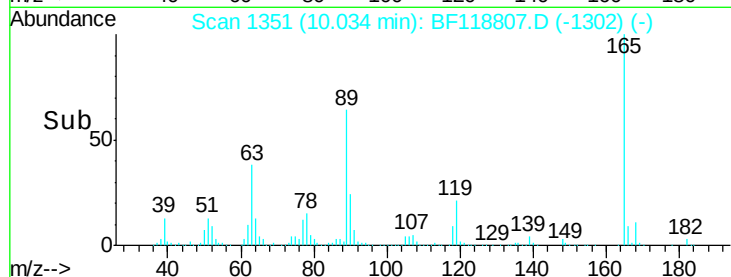


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

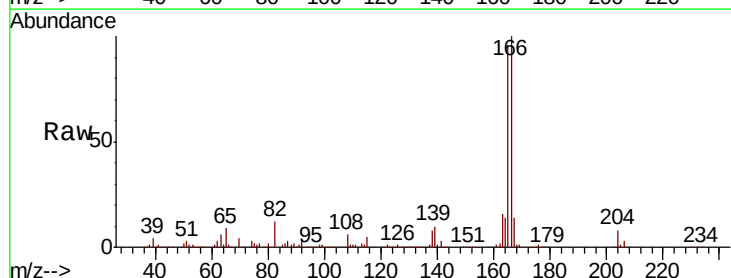
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.643 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

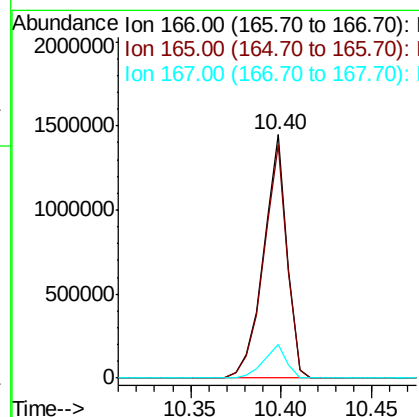
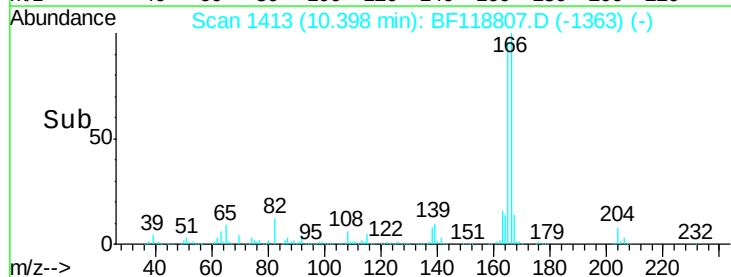
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.0	115.6
167	13.6	11.1	16.7

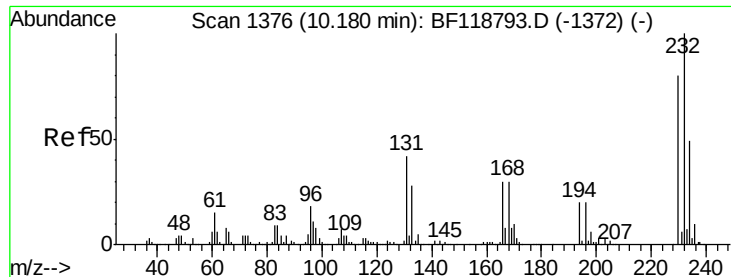


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

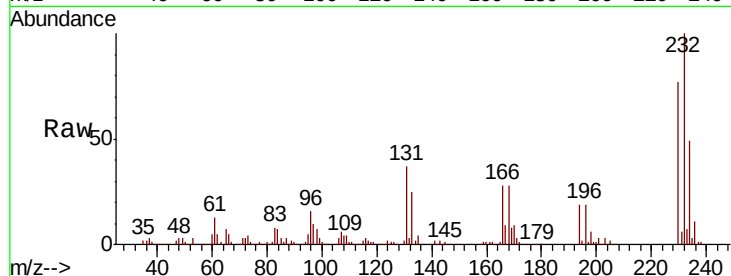




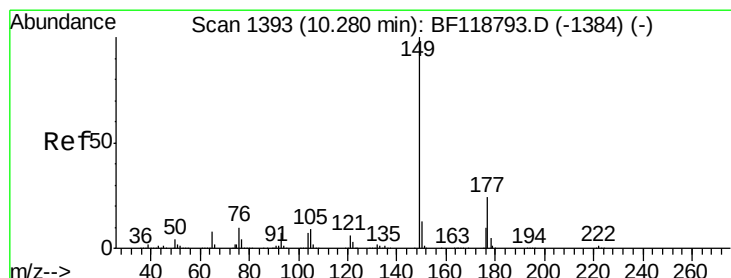
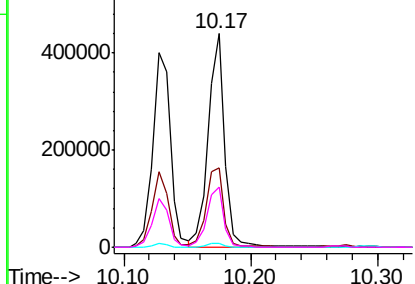
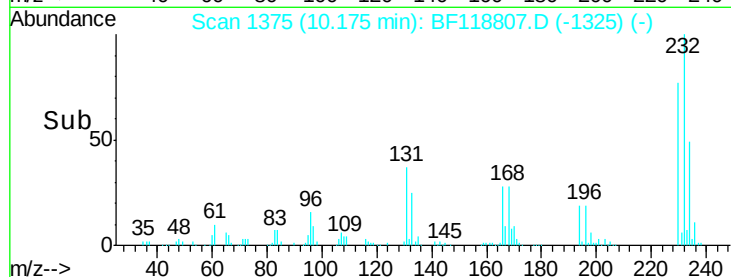
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.334 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 399322
Ion Ratio Lower Upper
232 100
131 40.3 31.8 47.6
130 2.0 1.6 2.4
166 28.7 23.1 34.7

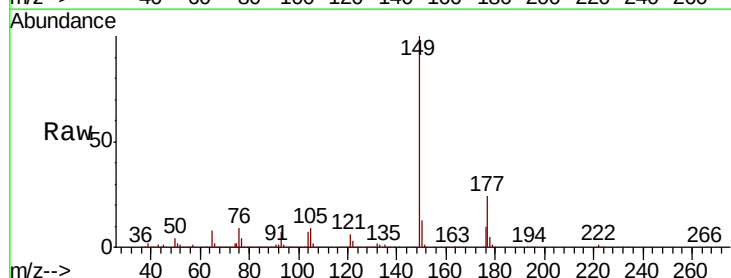


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

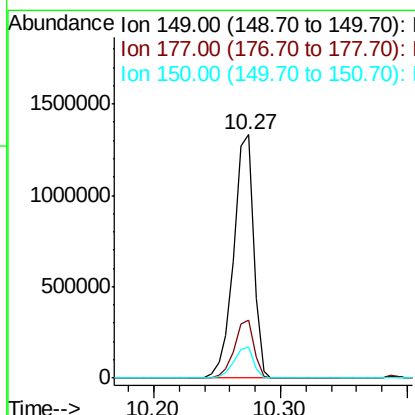
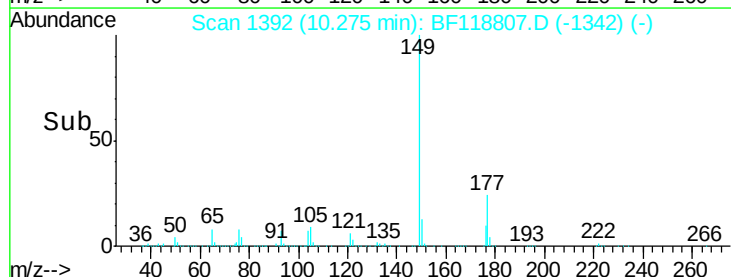


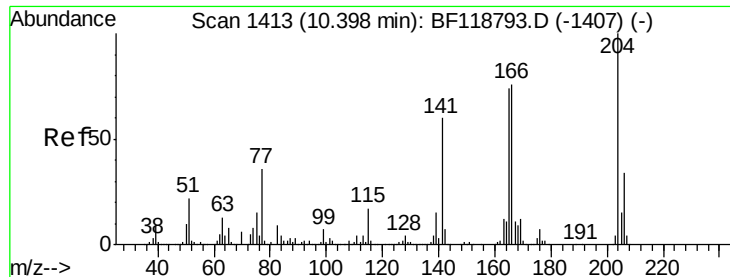
#60
Diethylphthalate
Concen: 38.446 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:149 Resp: 1434936
Ion Ratio Lower Upper
149 100
177 24.1 19.3 28.9
150 12.8 10.4 15.6



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

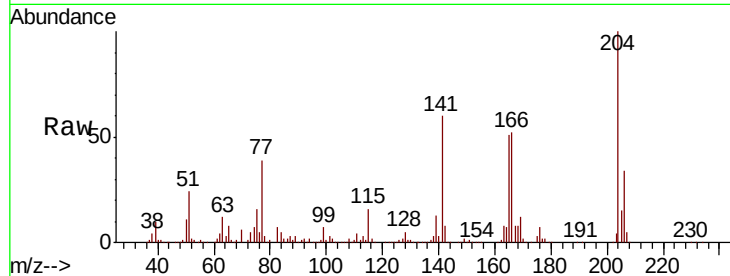




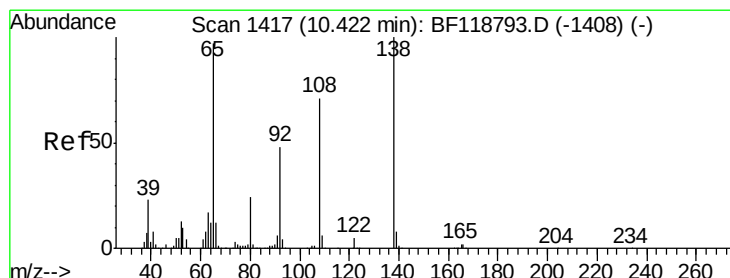
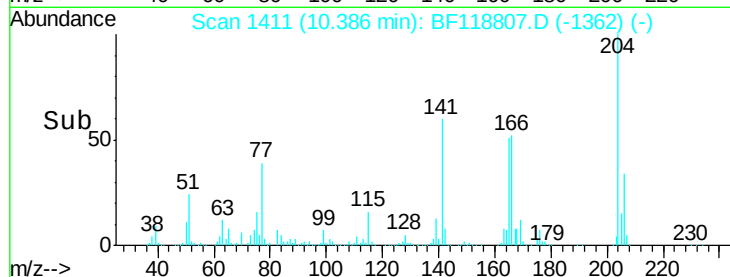
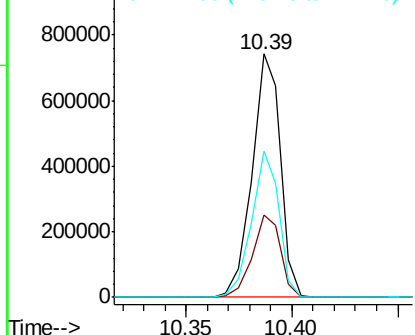
#61
 4-Chlorophenyl-phenylether
 Concen: 38.138 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 693580
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.4 41.2
 141 60.3 47.8 71.6

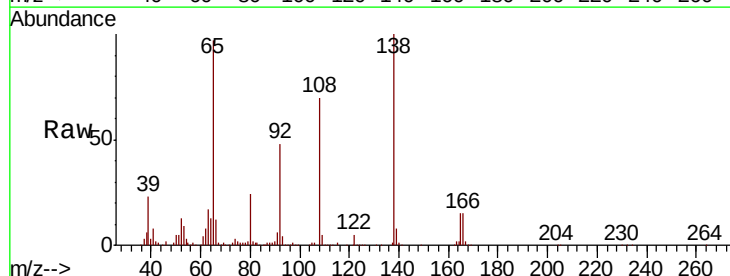


Abundance Ion 204.00 (203.70 to 204.70): E
 1000000 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

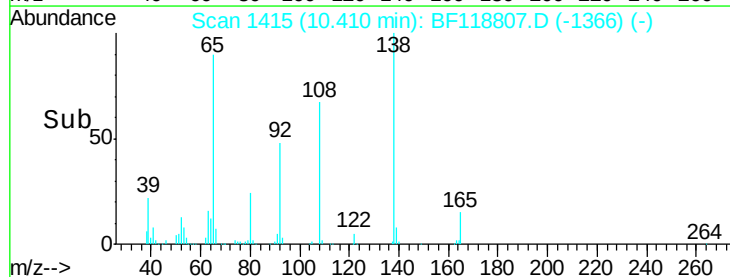
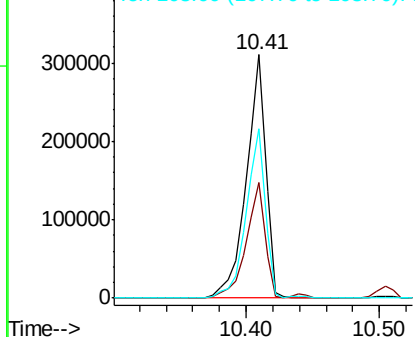


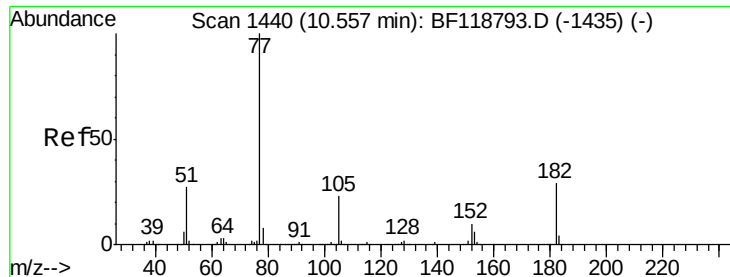
#62
 4-Nitroaniline
 Concen: 31.840 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:138 Resp: 310562
 Ion Ratio Lower Upper
 138 100
 92 47.5 27.6 67.6
 108 69.8 51.3 91.3



Abundance Ion 138.00 (137.70 to 138.70): E
 400000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.641 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

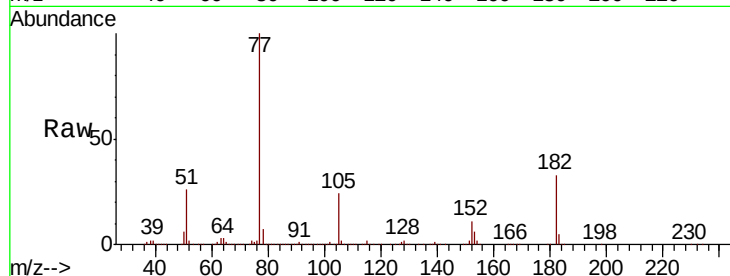
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1263127

Ion	Ratio	Lower	Upper
77	100		
182	33.1	9.2	49.2
105	23.5	3.1	43.1
51	26.5	7.4	47.4

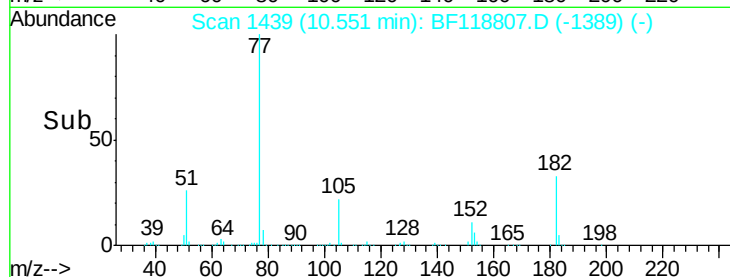


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



Time-->

10.55

1500000

1000000

500000

0

10.50 10.55 10.60

0

10.50 10.55 10.60

10.50 10.55 10.60

10.50 10.55 10.60

10.50 10.55 10.60

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10.50 10.55 10.60

10.50 10.55 10.60

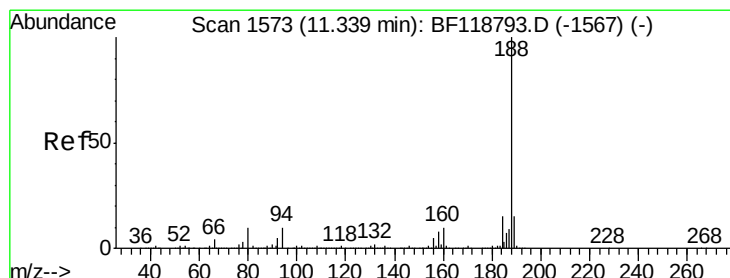
10.50 10.55 10.60

10.50 10.55 10.60

10.50 10.55 10.60

10.50 10.55 10.60

10.50 10.55 10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

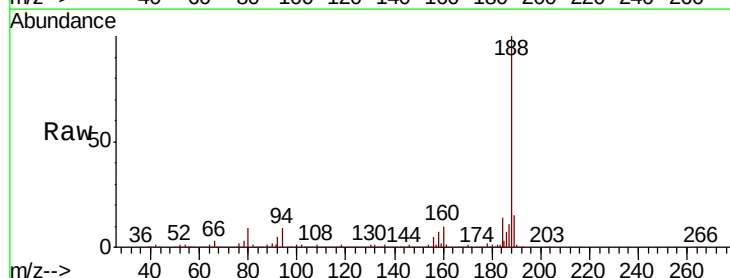
Tgt Ion: 188 Resp: 1027819

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.9	11.9
80	9.1	8.4	12.6

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



Time-->

11.33

1000000

500000

0

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

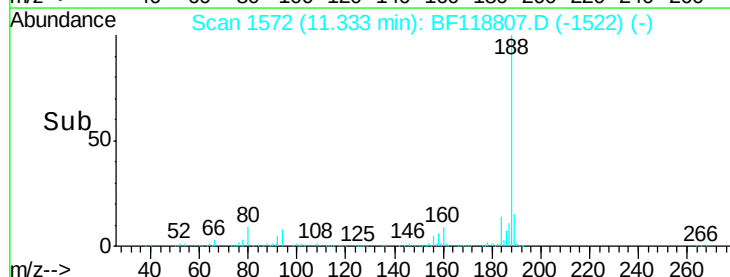
11.30 11.35

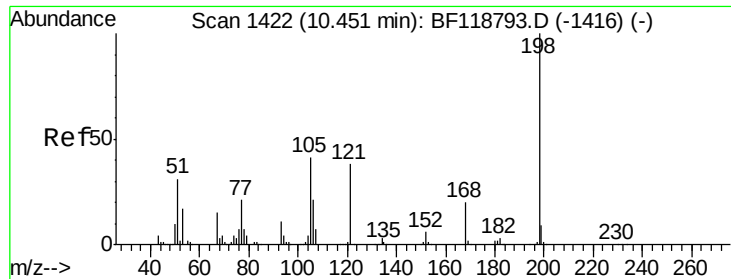
11.30 11.35

11.30 11.35

11.30 11.35

11.30 11.35

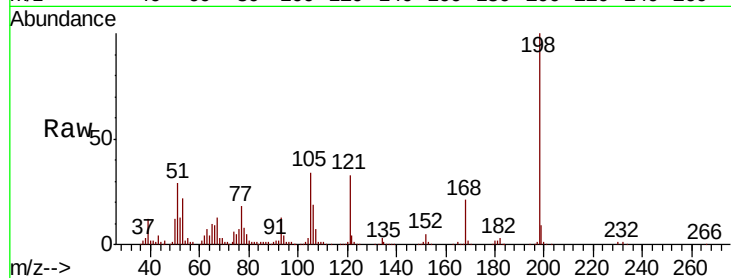




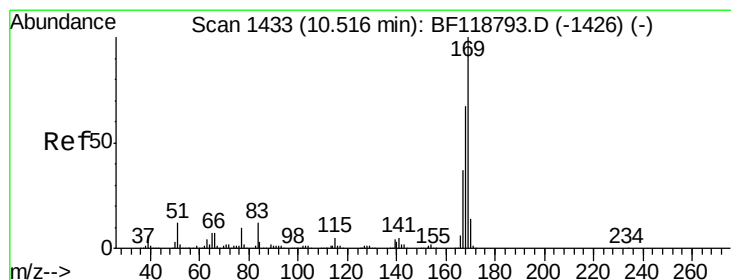
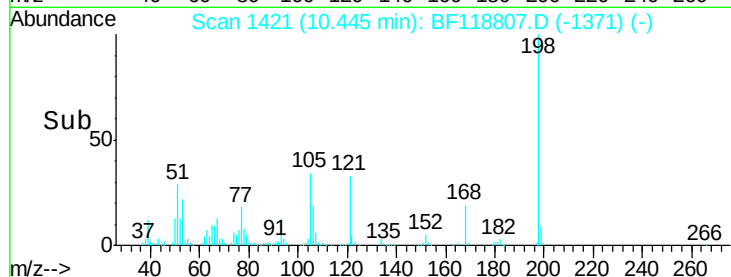
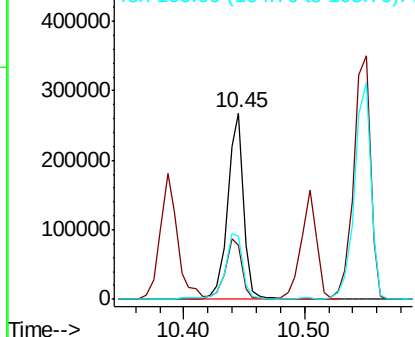
#65
4,6-Dinitro-2-methylphenol
Concen: 42.475 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 245312
Ion Ratio Lower Upper
198 100
51 29.1 16.7 56.7
105 34.2 22.0 62.0

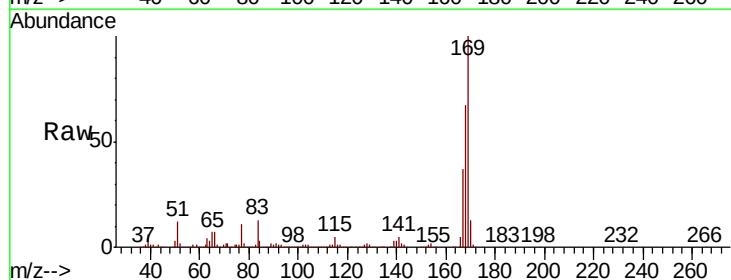


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

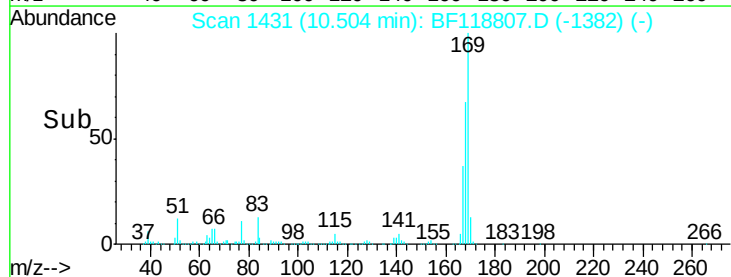
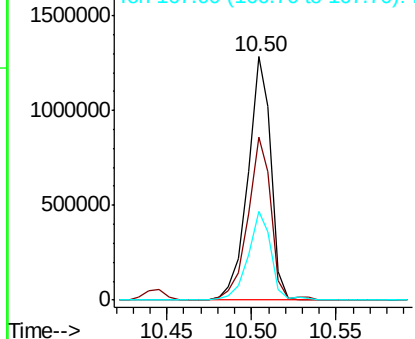


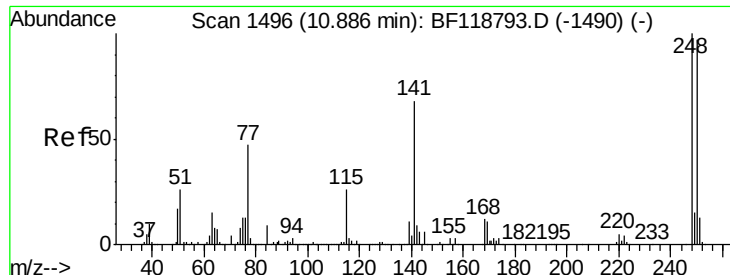
#66
n-Nitrosodiphenylamine
Concen: 40.954 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:169 Resp: 1219293
Ion Ratio Lower Upper
169 100
168 66.8 53.5 80.3
167 36.6 29.3 43.9



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

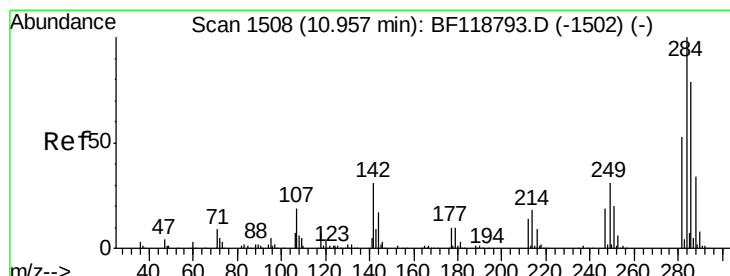
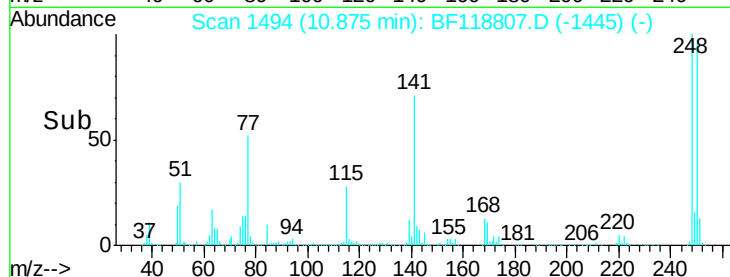
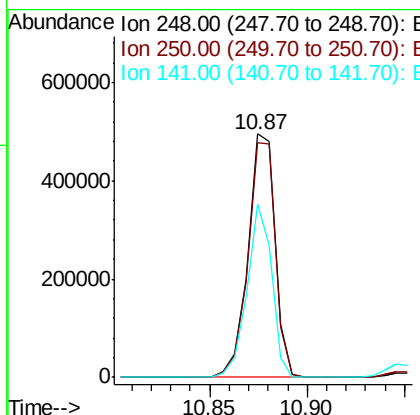
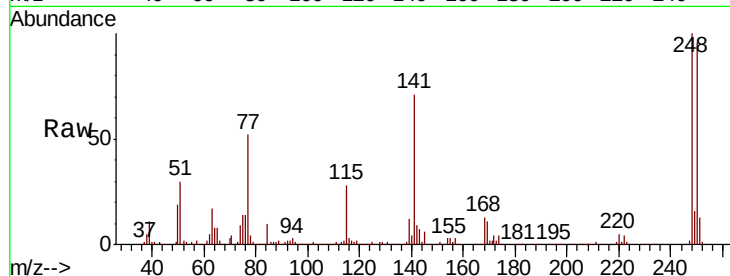




#67
4-Bromophenyl-phenylether
Concen: 39.119 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

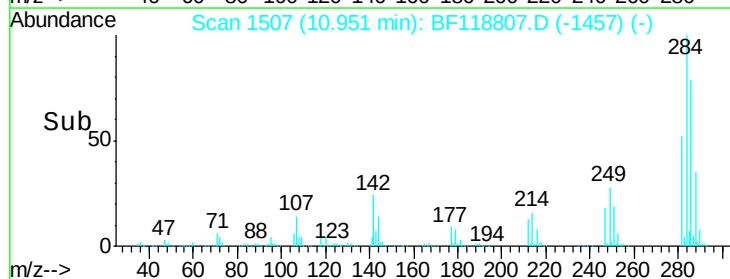
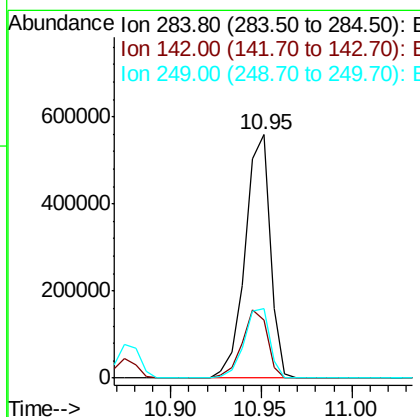
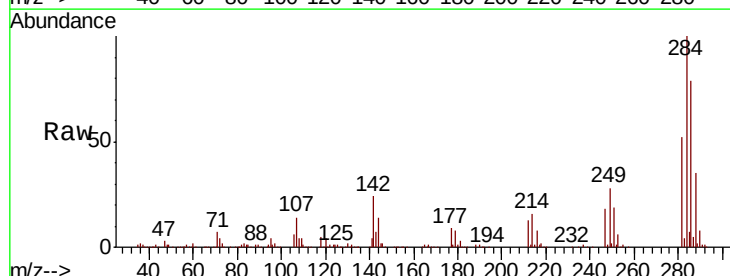
Instrument :
BNA_G
ClientSampleId :

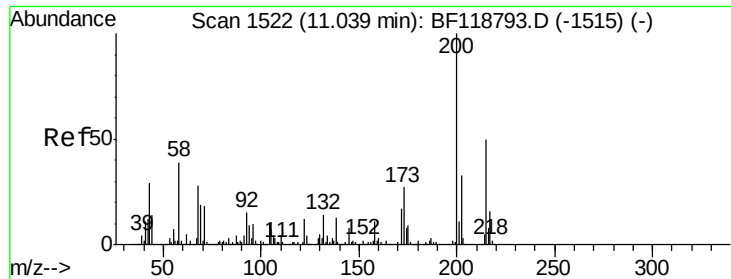
Tot Ion:248 Resp: 475641
Ion Ratio Lower Upper
248 100
250 96.5 77.6 116.4
141 71.3 54.4 81.6



#68
Hexachlorobenzene
Concen: 38.526 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:284 Resp: 537285
Ion Ratio Lower Upper
284 100
142 24.1 24.5 36.7#
249 28.5 24.7 37.1

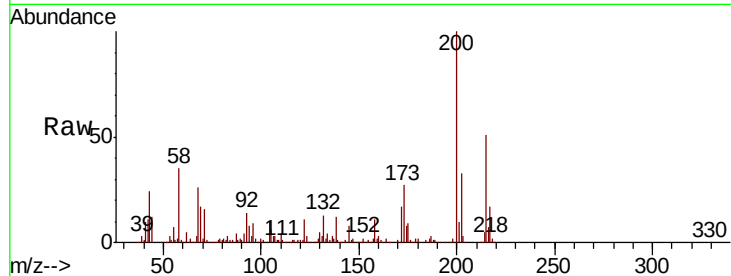




#69
Atrazine
Concen: 43.699 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.5	47.5
215	50.7	29.9	69.9

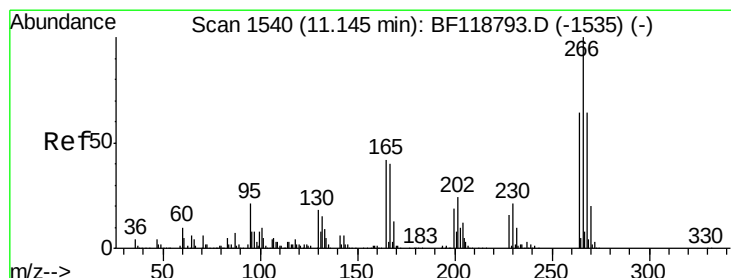
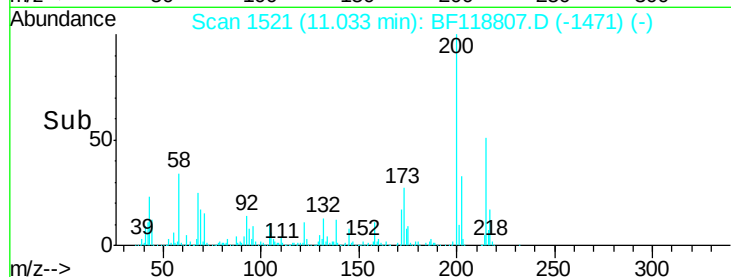
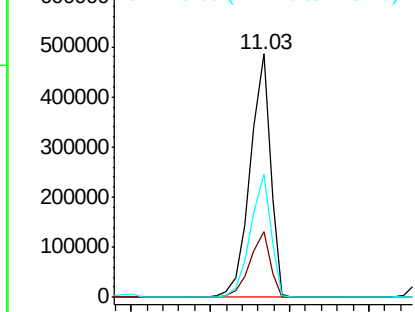


Abundance

Ion 200.00 (199.70 to 200.70): E

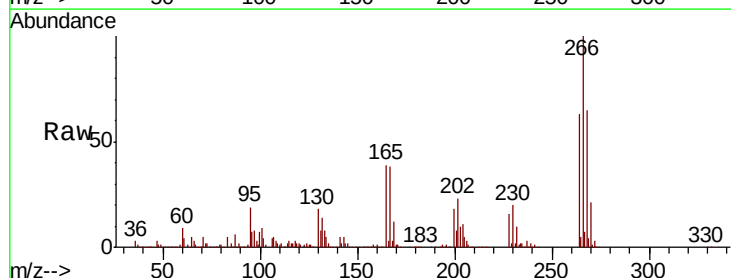
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 74.215 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.0	76.6
264	63.3	51.4	77.2

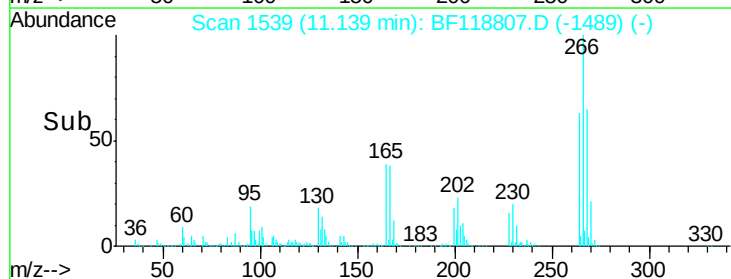
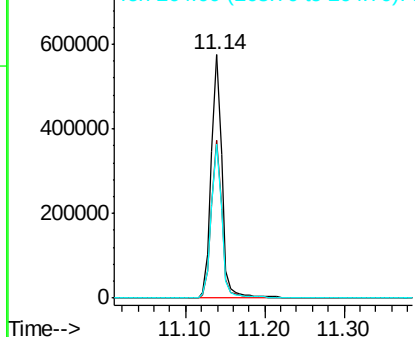


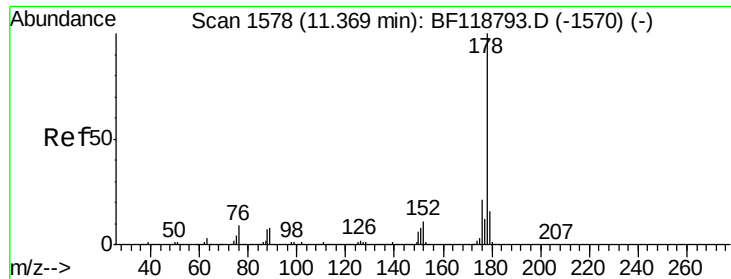
Abundance

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

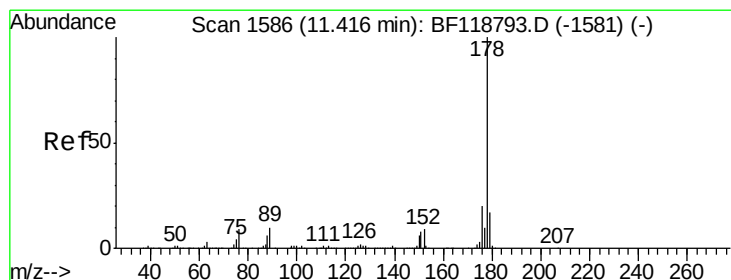
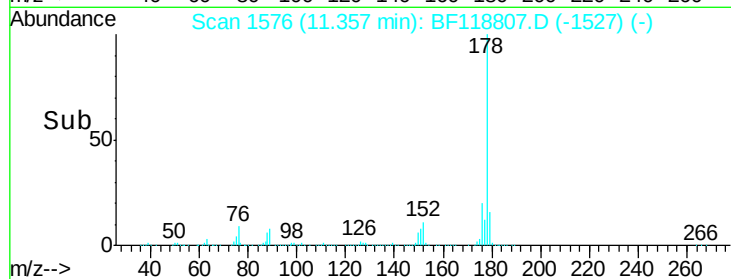
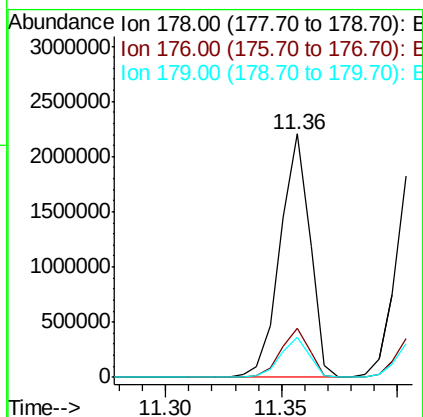
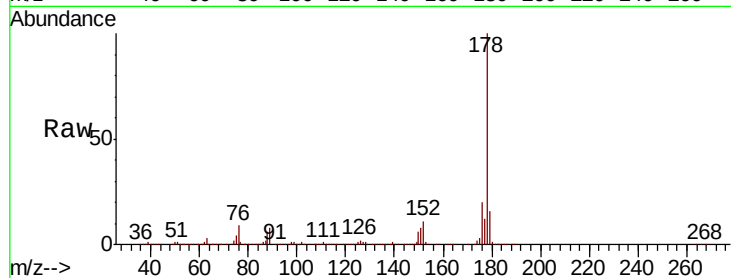




#71
Phenanthrene
Concen: 38.782 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

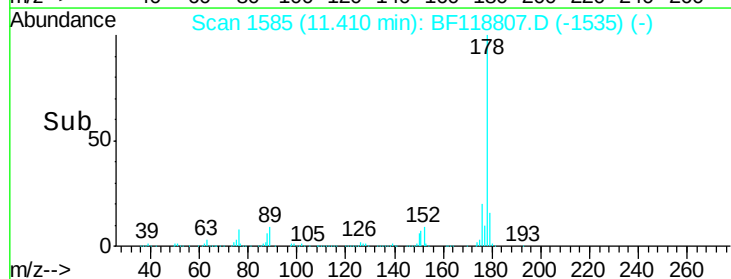
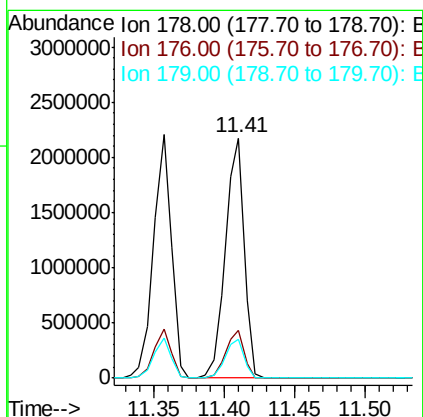
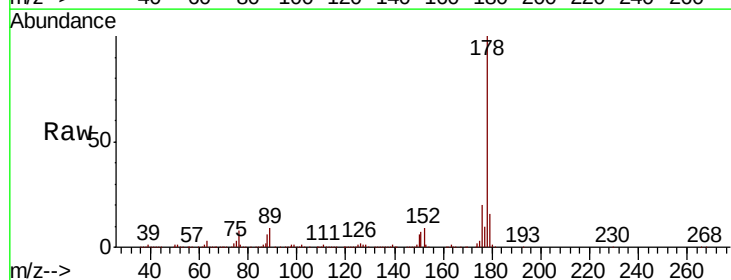
Instrument :
BNA_G
ClientSampled :

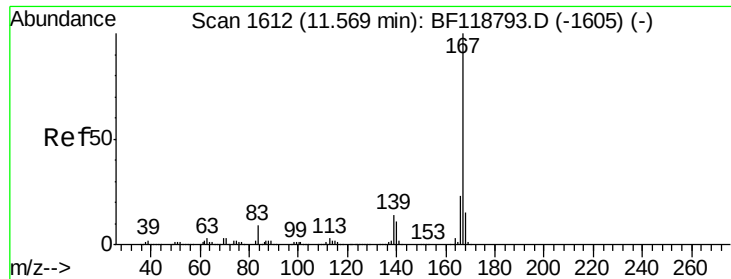
Tot Ion:178 Resp: 1961215
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 16.2 13.2 19.8



#72
Anthracene
Concen: 40.099 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:178 Resp: 2017313
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 16.4 13.4 20.2

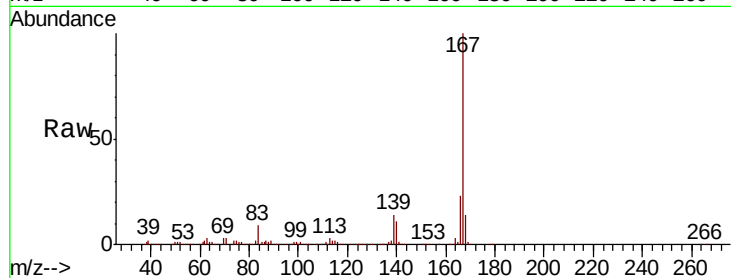




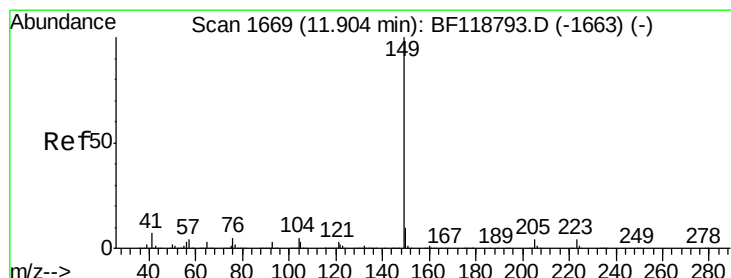
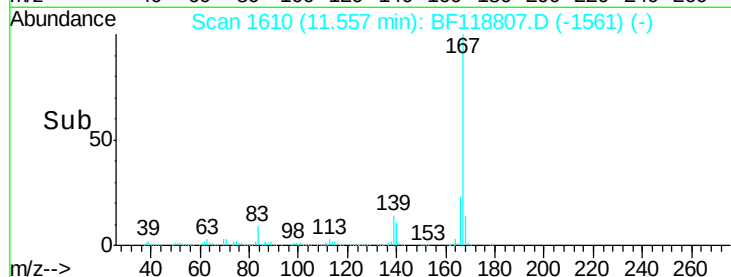
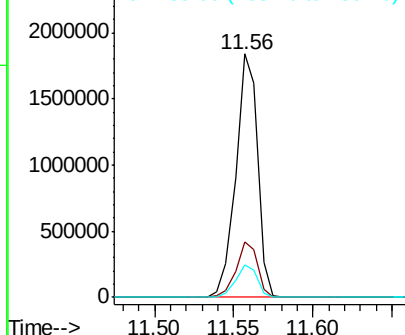
#73
 Carbazole
 Concen: 39.640 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1750170
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 13.5 11.1 16.7

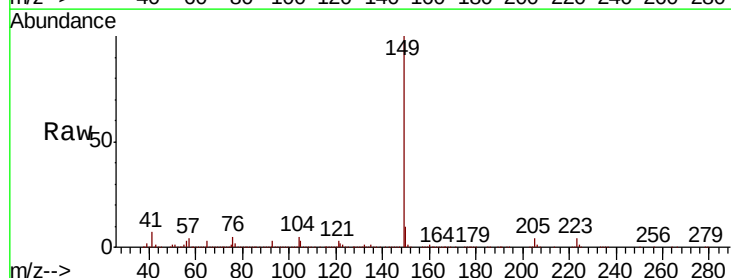


Abundance Ion 167.00 (166.70 to 167.70): E
 2500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

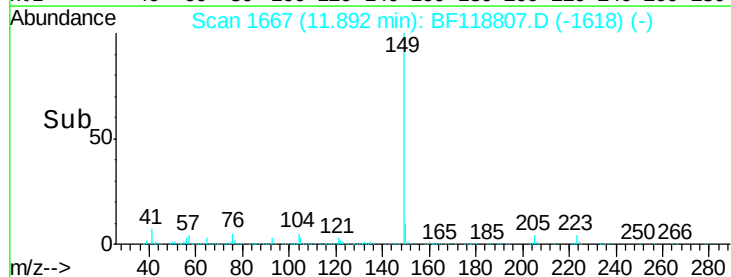
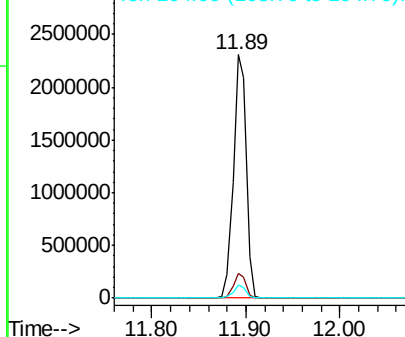


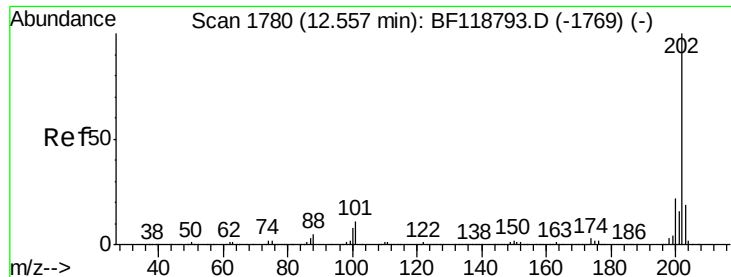
#74
 Di-n-butylphthalate
 Concen: 38.636 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:149 Resp: 2173016
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 3000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

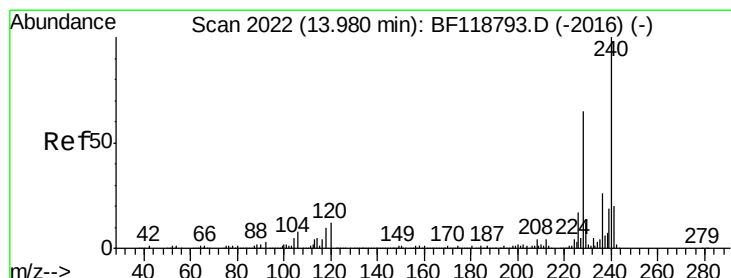
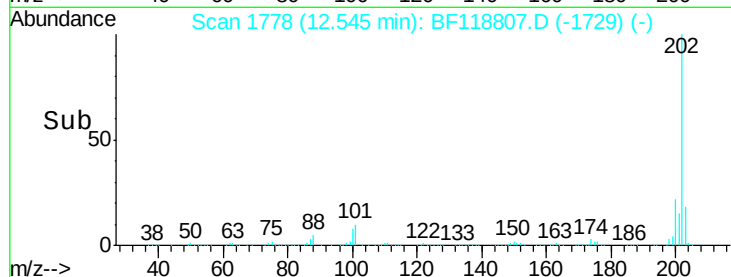
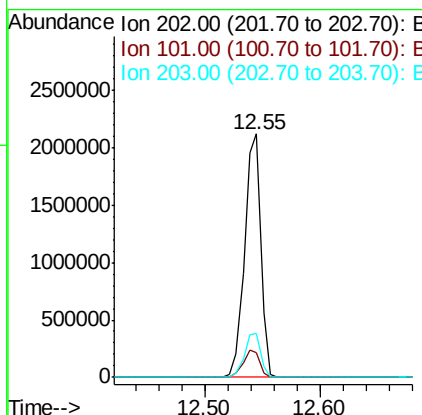
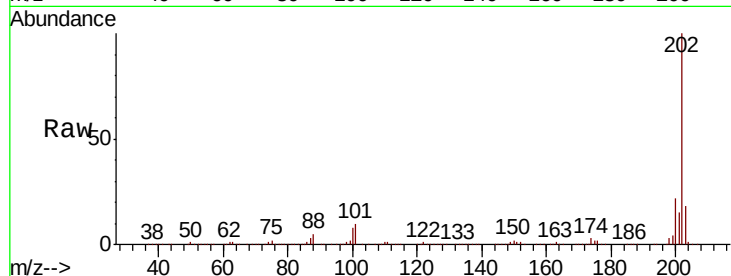




#75
 Fluoranthene
 Concen: 37.243 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

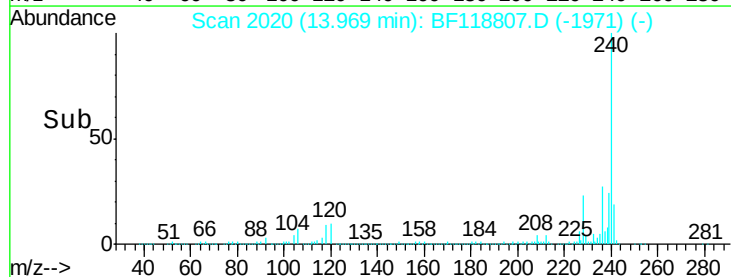
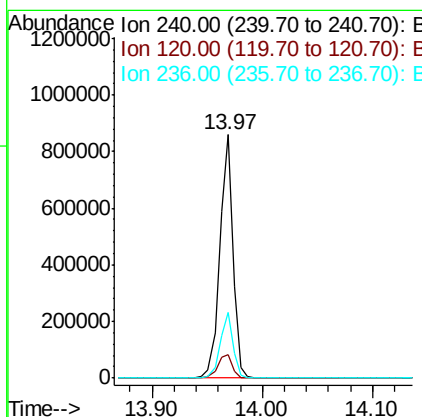
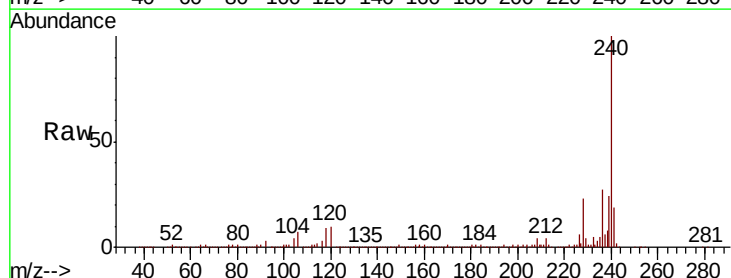
Instrument :
 BNA_G
 ClientSampled :

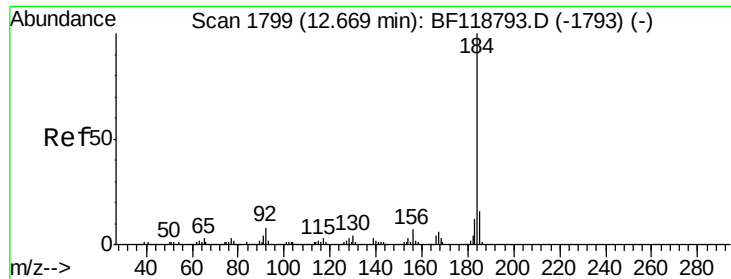
Tot Ion:202 Resp: 2056335
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 31.0
 203 18.3 0.0 38.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:240 Resp: 712489
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.4 14.0
 236 26.8 21.0 31.6





#77

Benzidine

Concen: 39.842 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

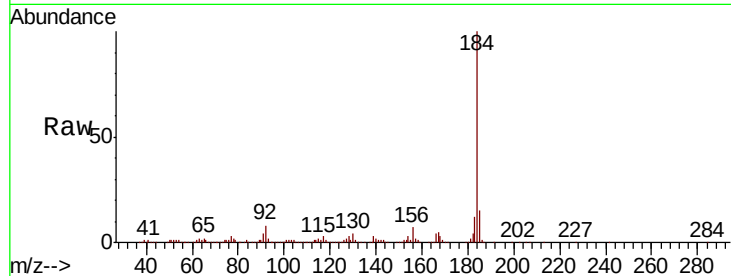
Tot Ion:184 Resp: 858588

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

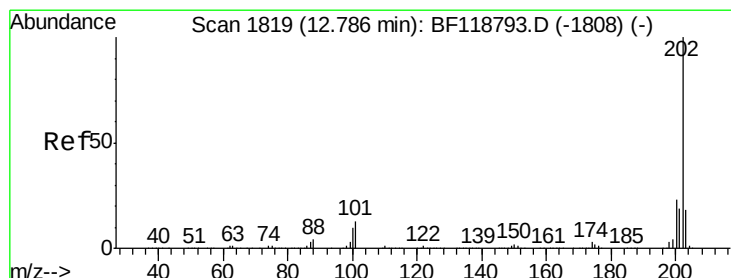
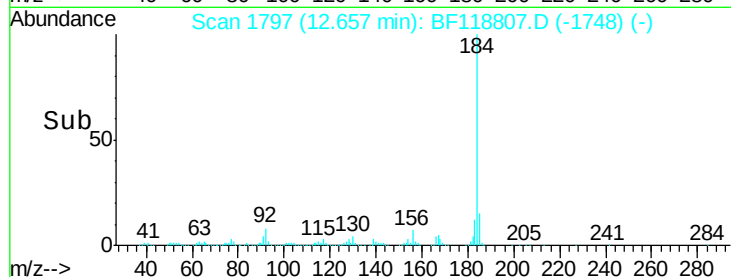
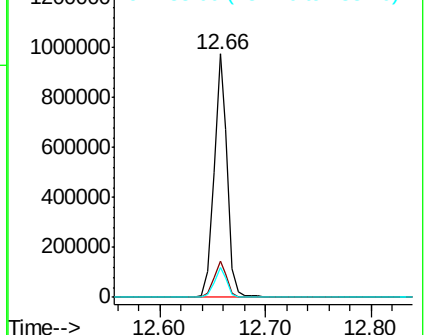
183 12.1 9.7 14.5



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: 42.294 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

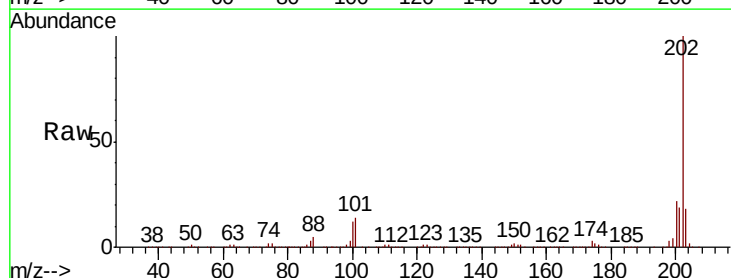
Tgt Ion:202 Resp: 2067259

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

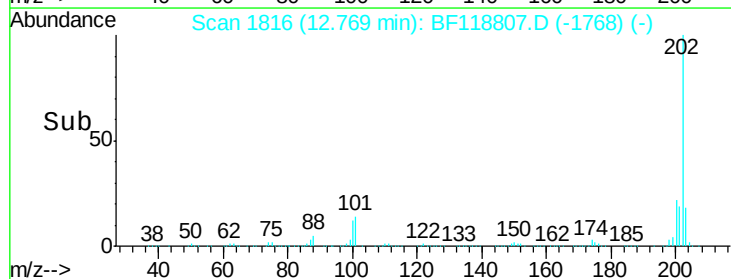
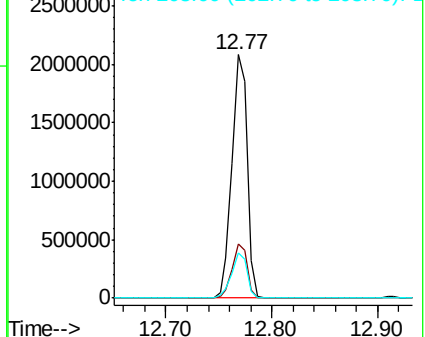
203 18.5 14.8 22.2

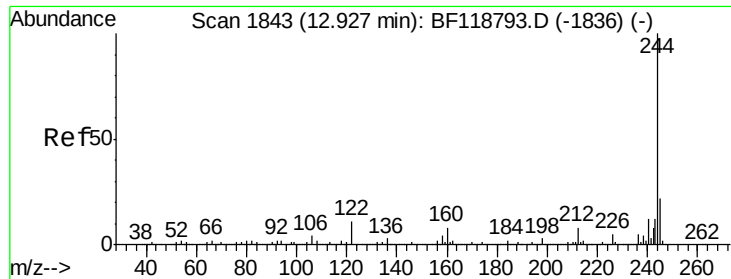


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



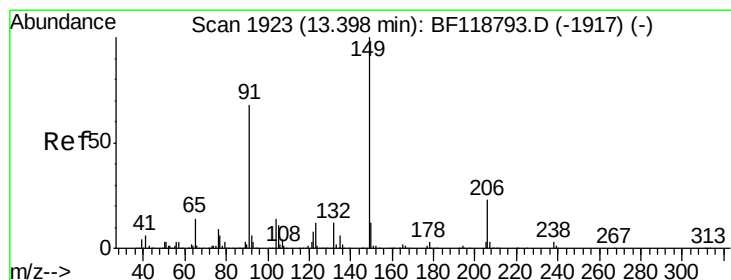
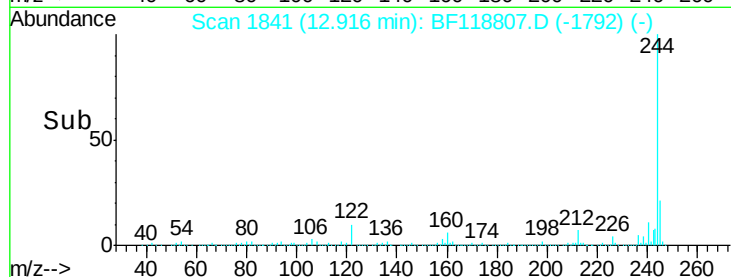
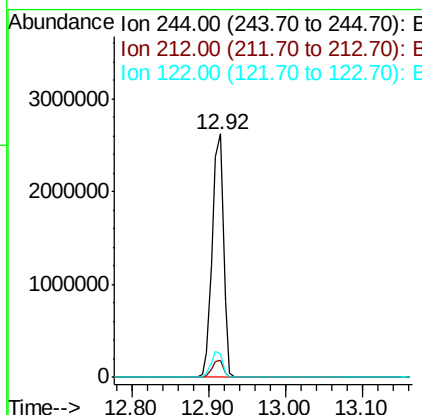
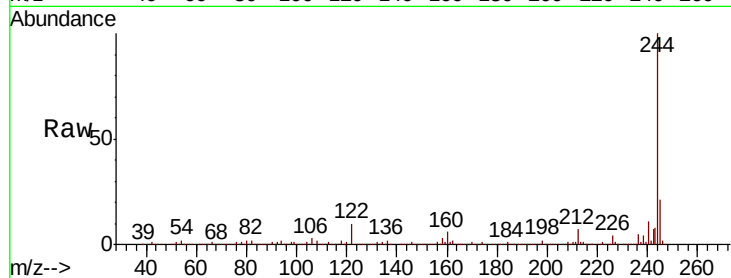


#79
 Terphenyl-d14
 Concen: 75.104 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2605147

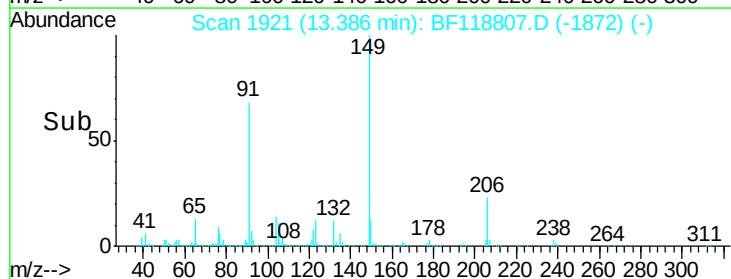
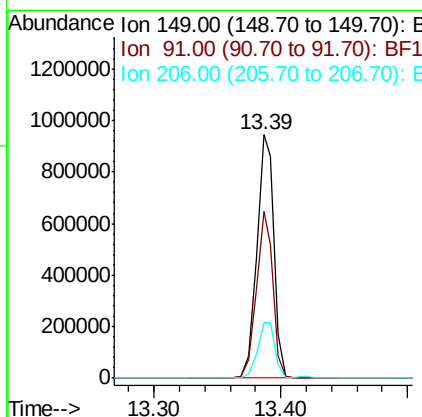
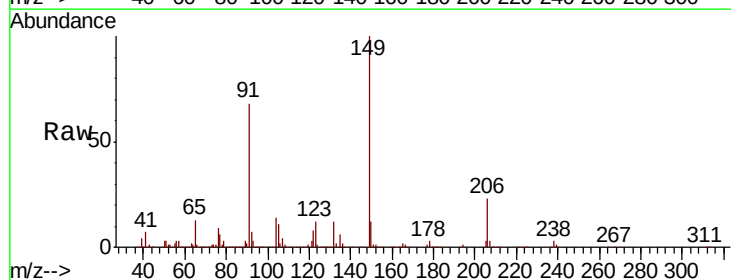
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	9.7	8.9	13.3

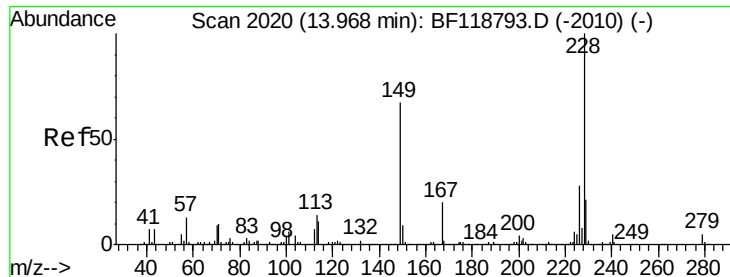


#80
 Butylbenzylphthalate
 Concen: 40.316 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:149 Resp: 899429

Ion	Ratio	Lower	Upper
149	100		
91	68.4	54.7	82.1
206	22.5	18.5	27.7





#81

Benzo(a)anthracene

Concen: 39.559 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampled :

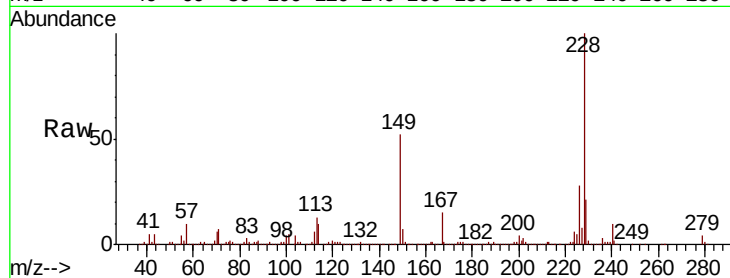
Tot Ion:228 Resp: 1677182

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

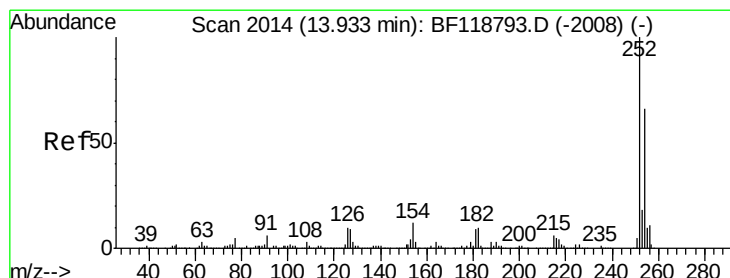
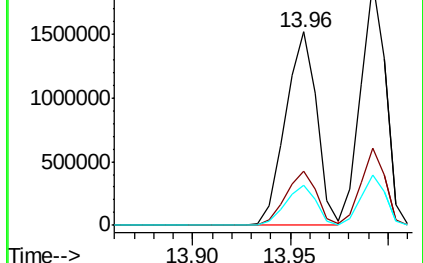
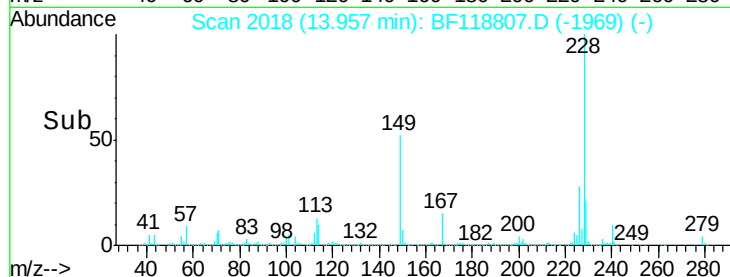
229 20.6 16.6 25.0



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: 22.989 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

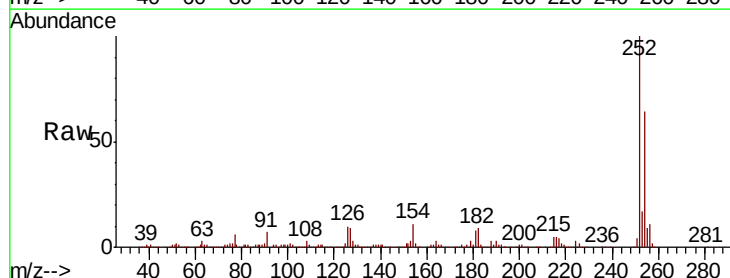
Tgt Ion:252 Resp: 398645

Ion Ratio Lower Upper

252 100

254 63.6 52.4 78.6

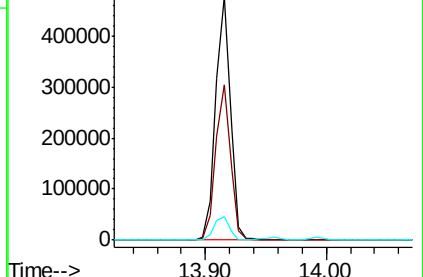
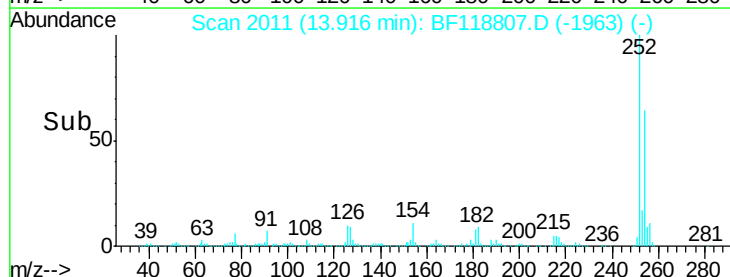
126 9.6 7.8 11.8

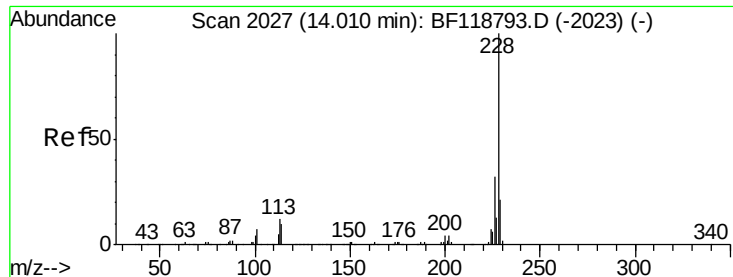


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

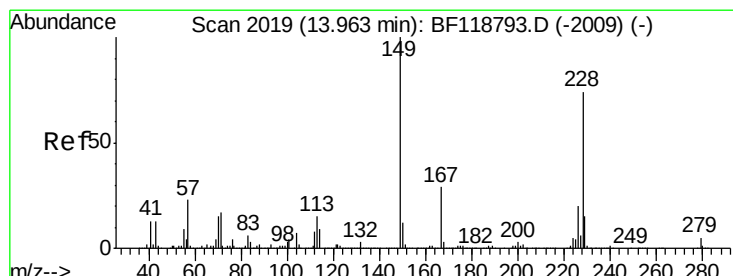
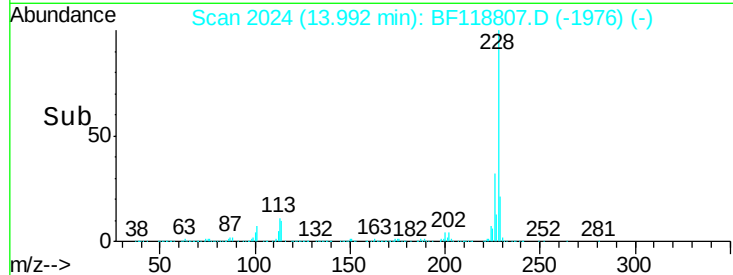
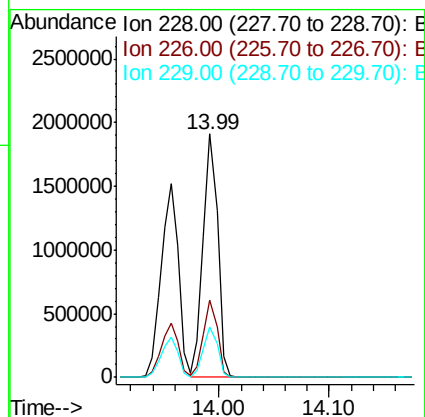
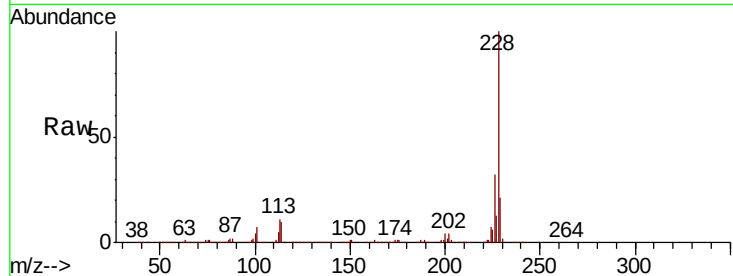




#83
 Chrysene
 Concen: 39.842 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

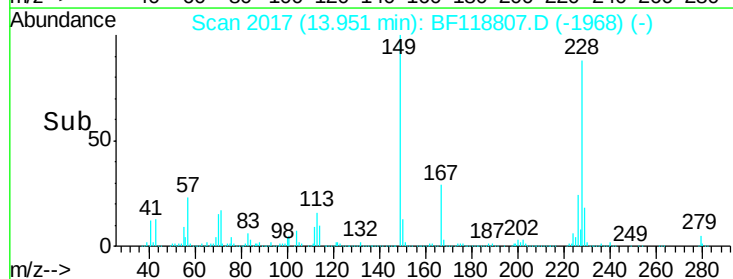
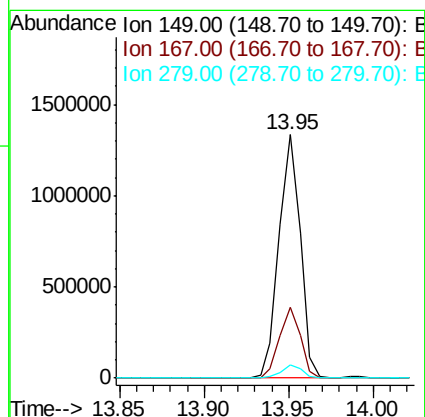
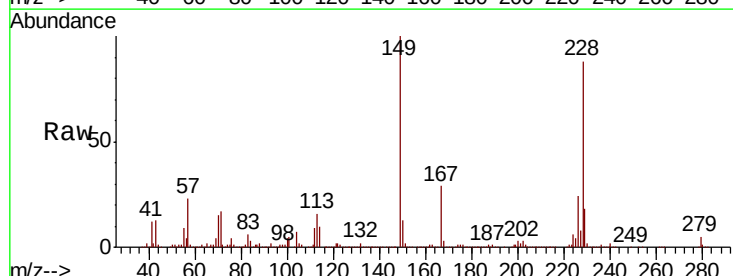
Instrument :
 BNA_G
 ClientSampled :

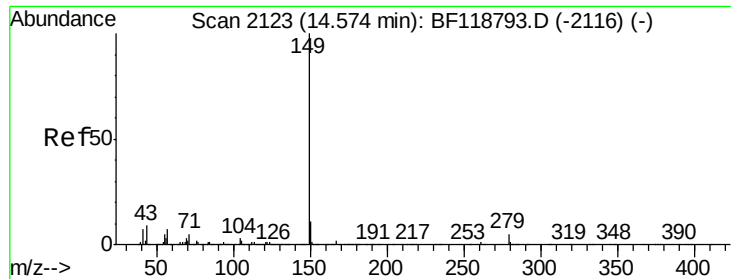
Tot Ion:228 Resp: 1695365
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.7 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.269 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:149 Resp: 1168098
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.0 34.6
 279 5.2 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 40.383 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

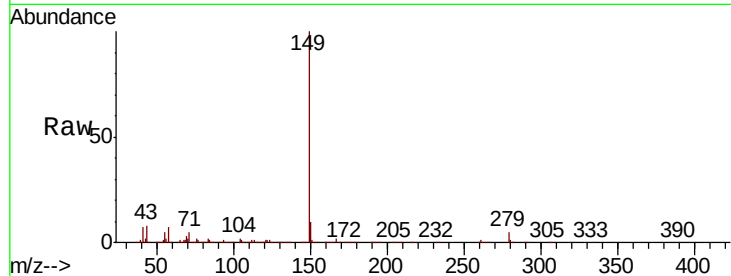
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 1958166

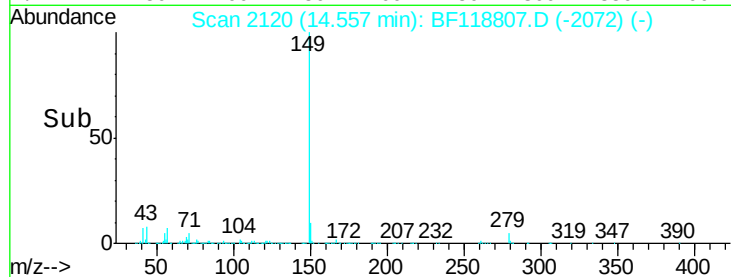
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.9	6.6	10.0



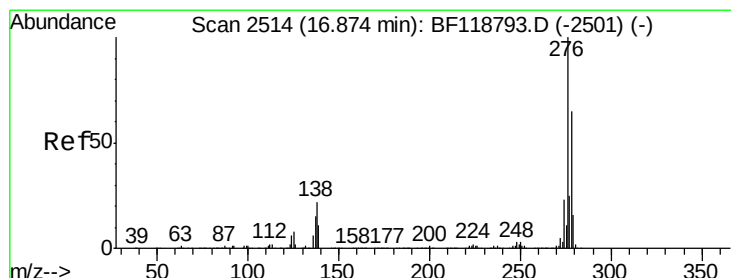
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.637 ng

RT: 16.84 min Scan# 2508

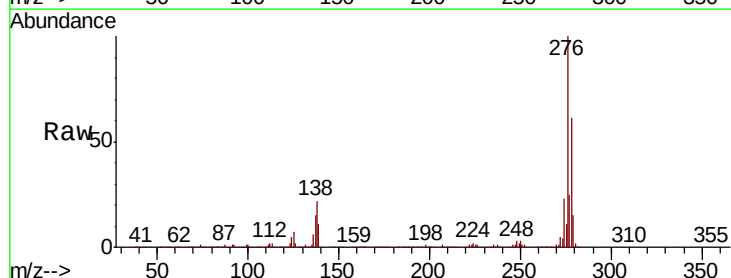
Delta R.T. -0.04 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:276 Resp: 1908370

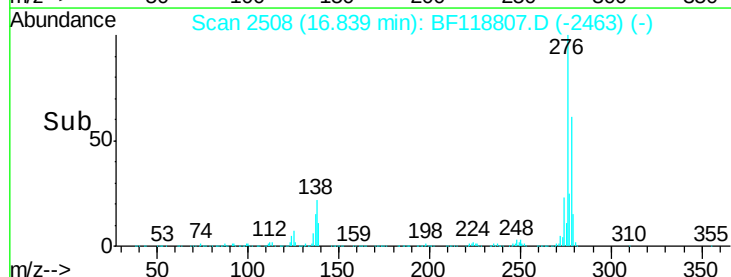
Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.3	27.5
277	25.3	20.2	30.4



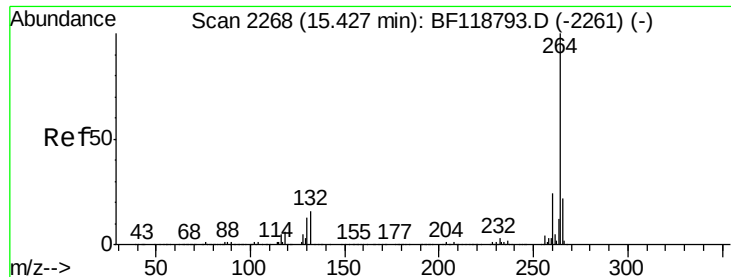
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

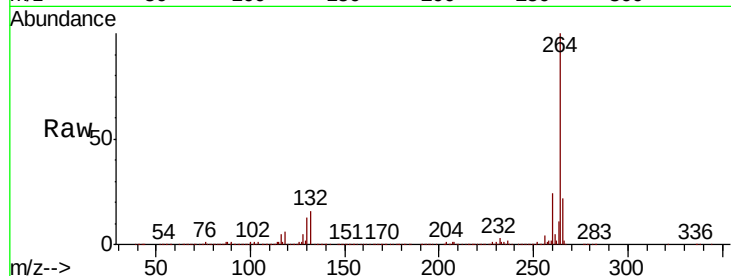
Tot Ion:264 Resp: 738291

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

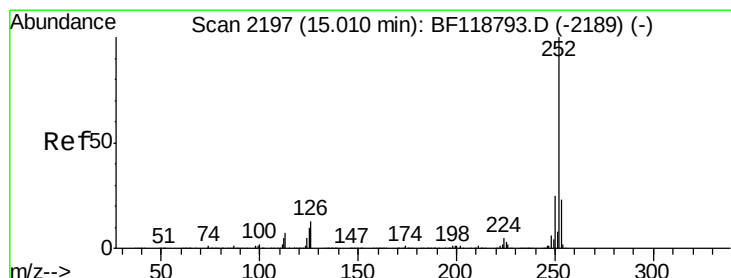
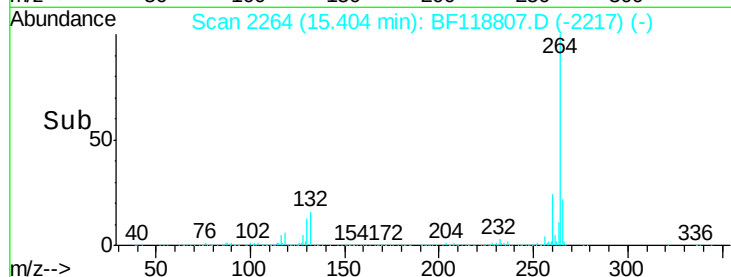
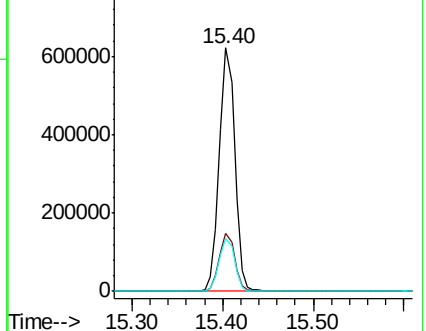
265 21.8 17.2 25.8



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: 36.469 ng

RT: 14.99 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

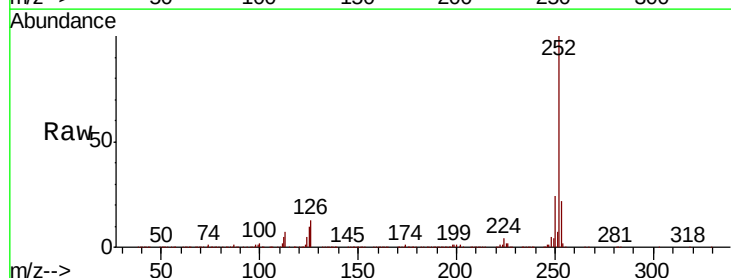
Tgt Ion:252 Resp: 1670719

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

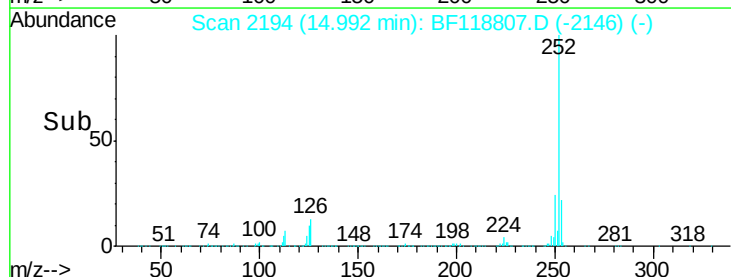
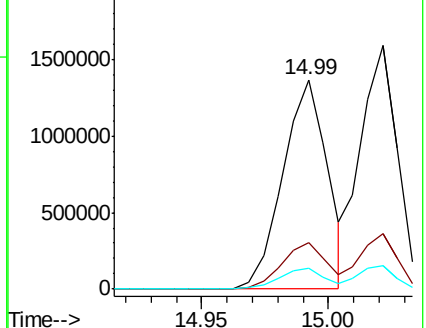
125 9.9 8.1 12.1

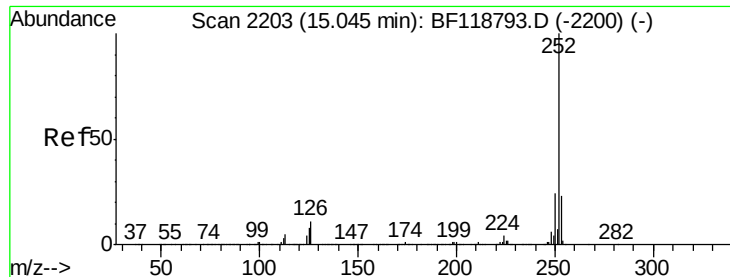


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.928 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

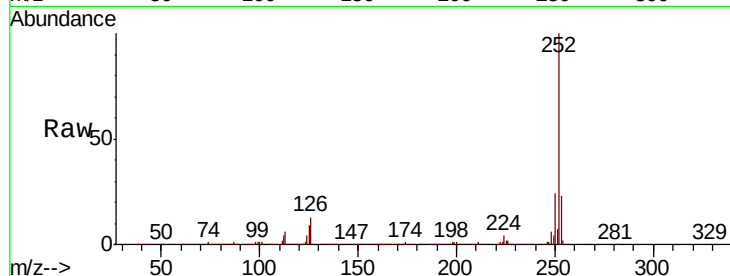
Tot Ion:252 Resp: 1632743

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

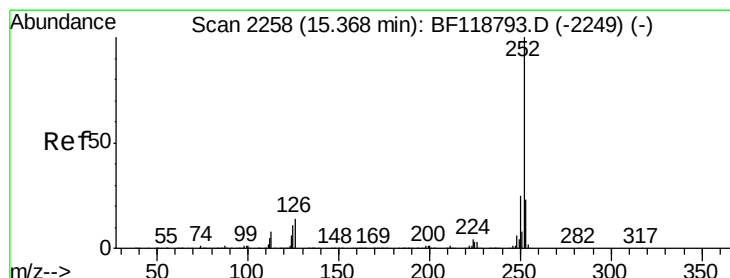
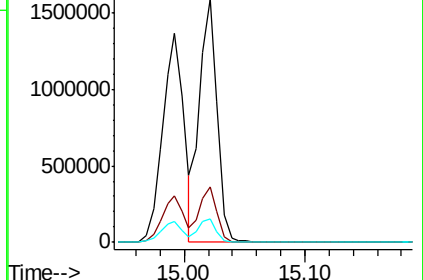
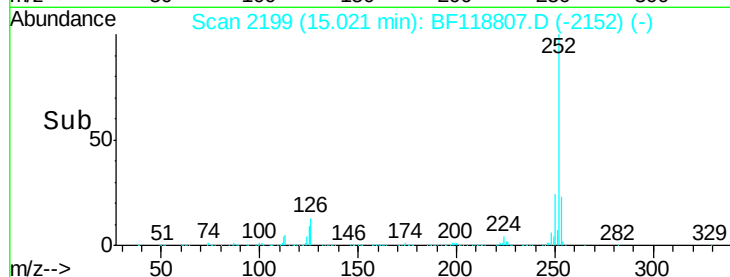
125 9.4 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.325 ng

RT: 15.34 min Scan# 2254

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

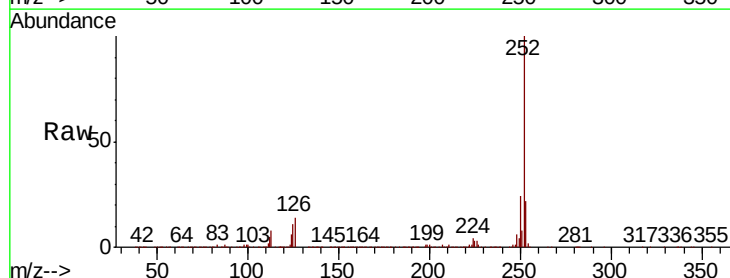
Tgt Ion:252 Resp: 1502577

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

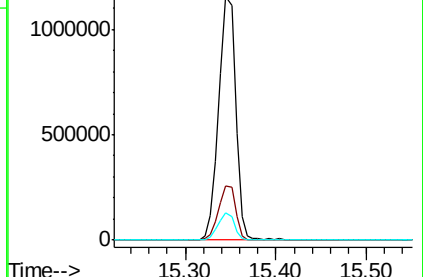
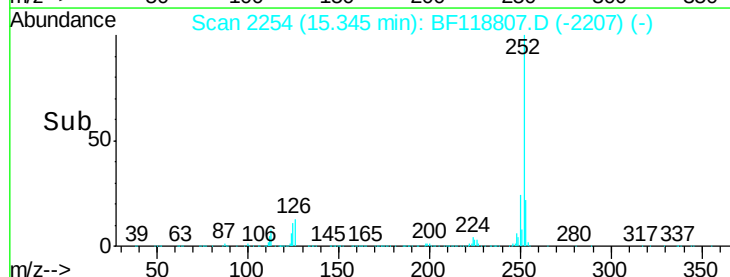
125 11.4 8.7 13.1

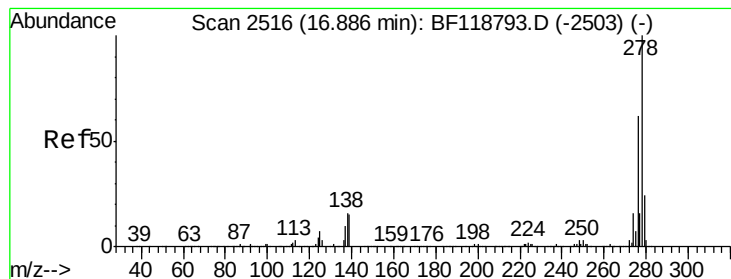


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.689 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.03 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_G

ClientSampleId :

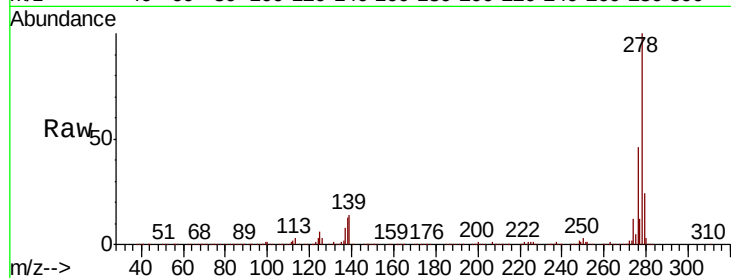
Tot Ion:278 Resp: 1590201

Ion Ratio Lower Upper

278 100

139 14.4 12.3 18.5

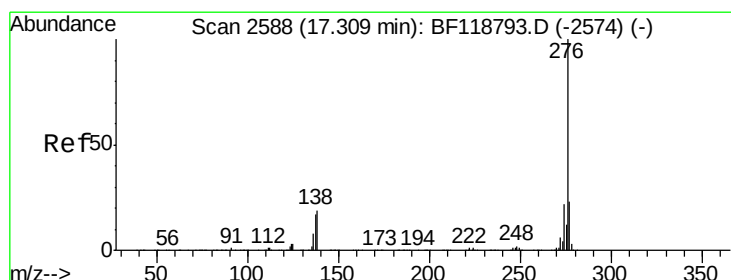
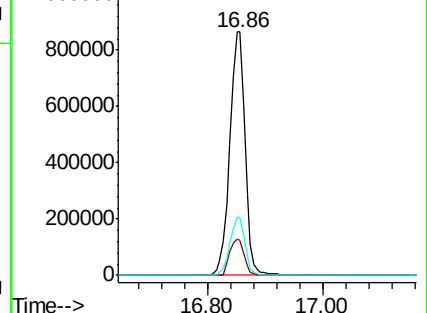
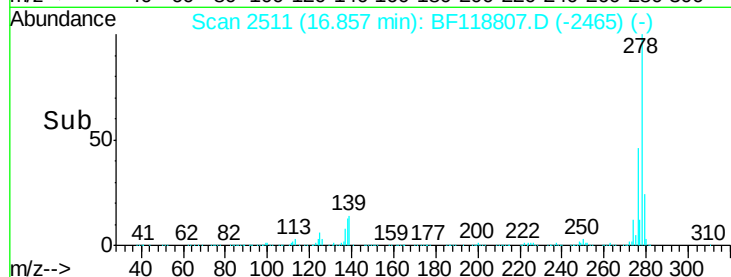
279 23.8 19.1 28.7



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: 48.481 ng

RT: 17.27 min Scan# 2581

Delta R.T. -0.04 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

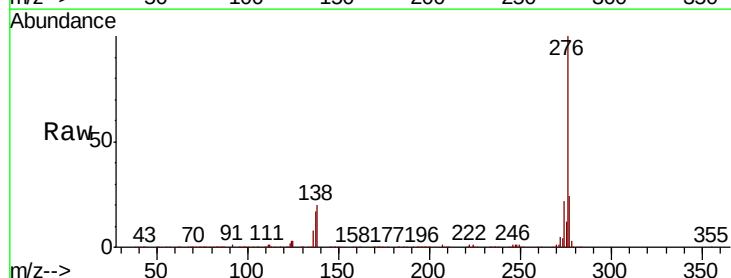
Tgt Ion:276 Resp: 1622755

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 20.0 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

