

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101775.D
 Acq On : 27 Dec 2017 21:02
 Operator : SJ/JU
 Sample : I7077-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:08:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152705	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	590618	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	249048	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	408407	20.00	ng	0.00
75) Chrysene-d12	13.97	240	285265	20.00	ng	0.00
86) Perylene-d12	15.44	264	273896	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1016867	99.19	ng	0.02
7) Phenol-d6	6.44	99	1137028	89.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	726259	68.45	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	232532	96.90	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1181530	73.59	ng	0.00
78) Terphenyl-d14	12.90	244	908415	76.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	136147	25.846	ng	98
3) Pyridine	3.37	79	242306	16.556	ng	98
4) n-Nitrosodimethylamine	3.29	42	168388	24.989	ng	98
6) Aniline	6.46	93	265881	14.996	ng	# 66
8) 2-Chlorophenol	6.58	128	321142	29.780	ng	99
9) Benzaldehyde	6.36	77	131602	13.967	ng	98
10) Phenol	6.45	94	447953	30.805	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	325330	28.522	ng	96
12) 1,3-Dichlorobenzene	6.73	146	359669	29.551	ng	98
13) 1,4-Dichlorobenzene	6.80	146	367476	29.566	ng	99
14) 1,2-Dichlorobenzene	6.96	146	328678	29.379	ng	98
15) Benzyl Alcohol	6.95	79	250406	28.515	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	543777	31.150	ng	# 46
17) 2-Methylphenol	7.06	107	264871	26.701	ng	# 86
18) Hexachloroethane	7.29	117	110344	25.535	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	231218	27.596	ng	92
20) 3+4-Methylphenols	7.22	107	361363	34.377	ng	96
22) Acetophenone	7.20	105	458819	34.046	ng	# 96
24) Nitrobenzene	7.38	77	349735	29.783	ng	98
25) Isophorone	7.62	82	627320	29.473	ng	98
26) 2-Nitrophenol	7.70	139	174057	34.502	ng	98
27) 2,4-Dimethylphenol	7.73	122	289990	33.836	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	406036	30.031	ng	99
29) 2,4-Dichlorophenol	7.95	162	281314	33.224	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	273403	30.597	ng	97
31) Naphthalene	8.09	128	888197	29.872	ng	99
32) Benzoic acid	7.87	122	43152	14.194	ng	98
33) 4-Chloroaniline	8.16	127	138672	10.730	ng	99
34) Hexachlorobutadiene	8.20	225	157595	30.494	ng	100
35) Caprolactam	8.53	113	87752	29.846	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	274904	29.539	ng	99
37) 2-Methylnaphthalene	8.79	142	583027	30.096	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	280485	33.357	ng	97
40) Hexachlorocyclopentadiene	8.93	237	1537	12.574	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	172056	33.989	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	161916	29.212	nq	95
45) 1,1'-Biphenyl	9.25	154	713040	32.284	nq	98
46) 2-Chloronaphthalene	9.28	162	518548	30.684	nq	97
47) 2-Nitroaniline	9.39	65	178681	30.606	nq	96
48) Acenaphthylene	9.69	152	755199	28.292	nq	99
49) Dimethylphthalate	9.55	163	706513	35.268	nq	100
50) 2,6-Dinitrotoluene	9.63	165	122906	30.187	nq	# 89
51) Acenaphthene	9.86	154	457247	28.512	nq	99
52) 3-Nitroaniline	9.80	138	109284	21.529	nq	99
53) 2,4-Dinitrophenol	9.95	184	29610	28.507	nq	# 17
54) Dibenzofuran	10.03	168	673708	33.057	nq	96
55) 4-Nitrophenol	10.00	139	81705	36.914	nq	94
56) 2,4-Dinitrotoluene	10.05	165	161543	35.216	nq	97
57) Fluorene	10.38	166	524620	30.429	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	131115	32.925	nq	89
59) Diethylphthalate	10.24	149	583707	29.424	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	262078	31.718	nq	95
61) 4-Nitroaniline	10.42	138	110960	21.747	nq	95
62) Azobenzene	10.53	77	567424	27.611	nq	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	25021	12.005	nq	94
65) n-Nitrosodiphenylamine	10.49	169	480090	31.836	nq	95
66) 4-Bromophenyl-phenylether	10.86	248	158089	34.450	nq	# 85
67) Hexachlorobenzene	10.93	284	156807	32.286	nq	# 86
68) Atrazine	11.02	200	150852	33.548	nq	99
69) Pentachlorophenol	11.14	266	116199	63.037	nq	98
70) Phenanthrene	11.34	178	688652	30.321	nq	99
71) Anthracene	11.40	178	718500	30.970	nq	100
72) Carbazole	11.56	167	599137	27.583	nq	99
73) Di-n-butylphthalate	11.87	149	853572	32.377	nq	99
74) Fluoranthene	12.54	202	652602	27.375	nq	97
76) Benzidine	12.67	184	171640	14.246	nq	96
77) Pyrene	12.77	202	658056	30.737	nq	99
79) Butylbenzylphthalate	13.37	149	301432	31.117	nq	94
80) Benzo(a)anthracene	13.96	228	555610	29.496	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	183510	29.878	nq	99
82) Chrysene	14.00	228	538522	30.279	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	400567	32.646	nq	98
84) Di-n-octyl phthalate	14.53	149	690013	31.533	nq	98
85) Indeno(1,2,3-cd)pyrene	16.93	276	438828	27.708	nq	98
87) Benzo(b)fluoranthene	15.02	252	492309	29.489	nq	99
88) Benzo(k)fluoranthene	15.04	252	494377	30.457	nq	98
89) Benzo(a)pyrene	15.39	252	471713	30.651	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	375256	28.399	nq	99
91) Benzo(g,h,i)perylene	17.38	276	364821	27.882	nq	95

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

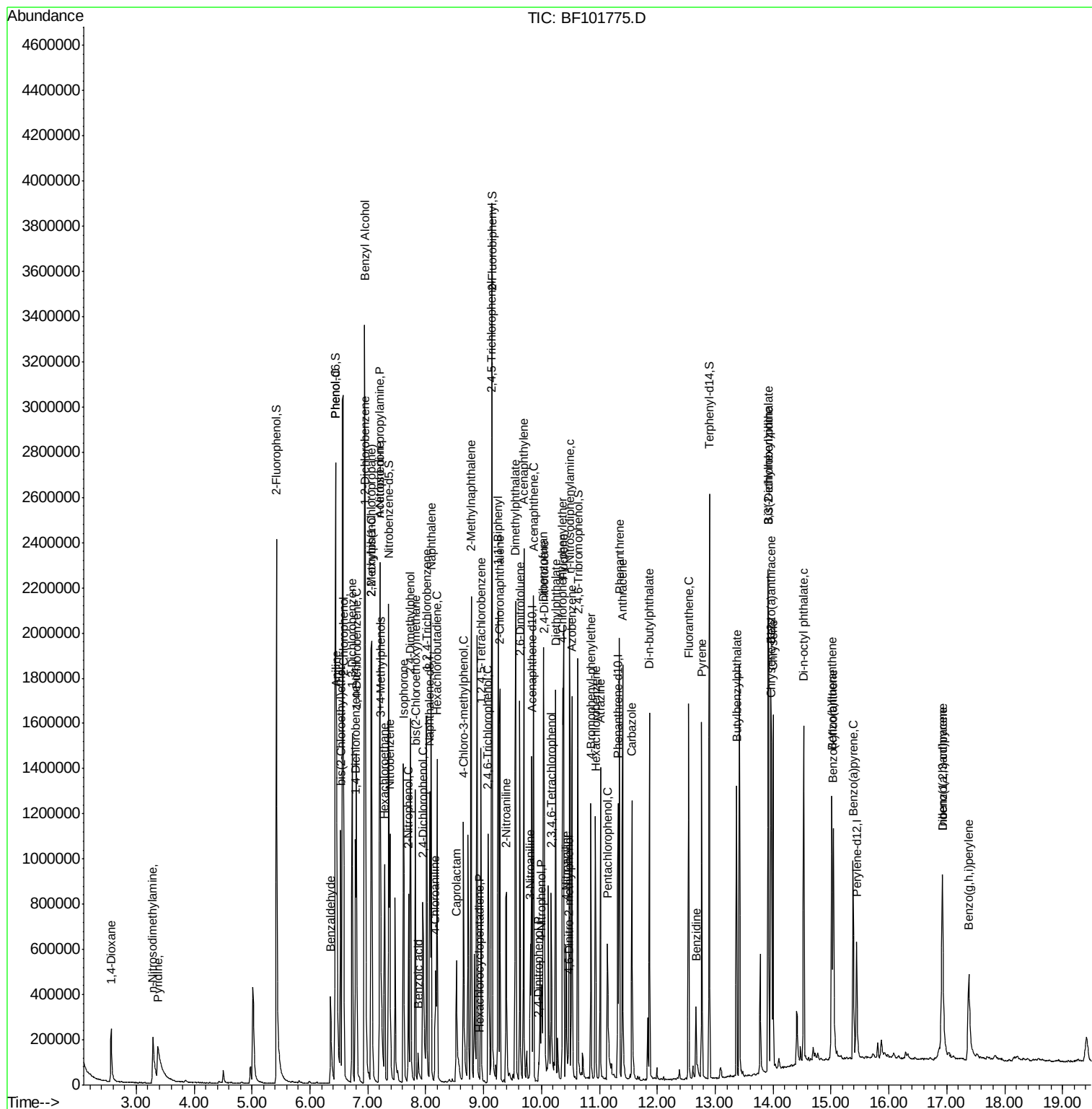
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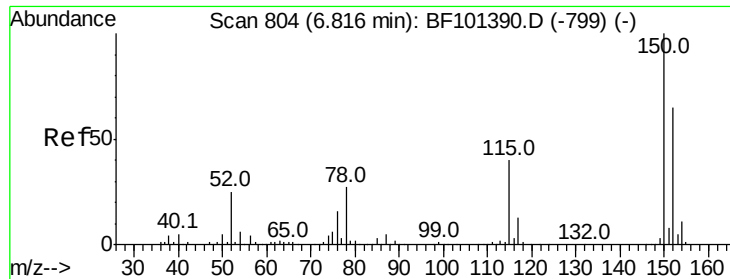
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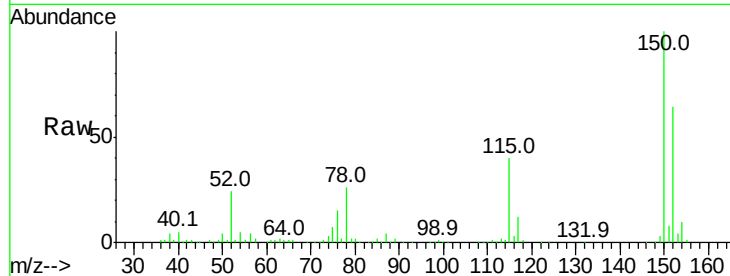


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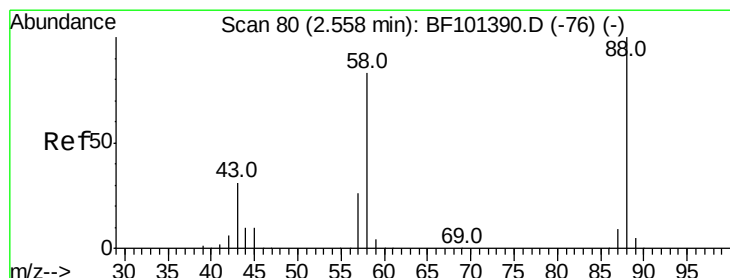
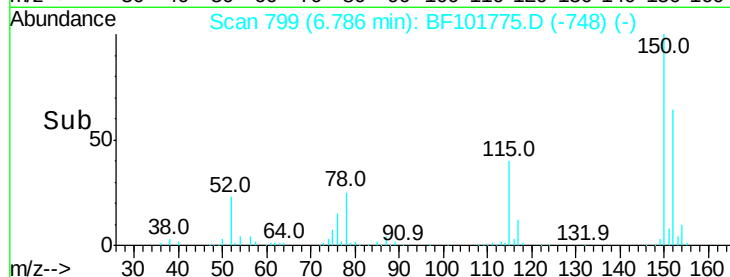
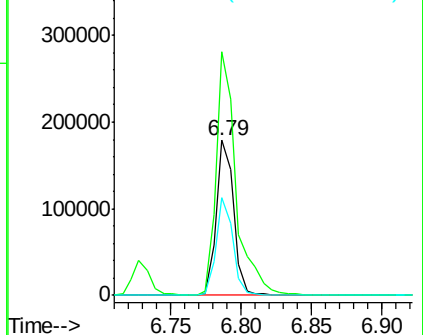
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152705
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 63.3 50.1 75.1



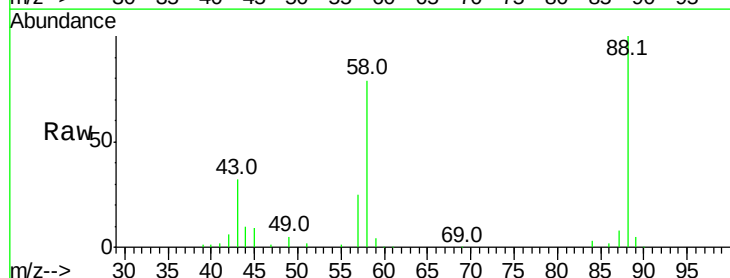
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



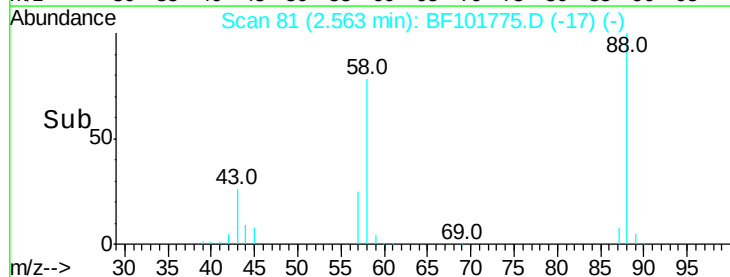
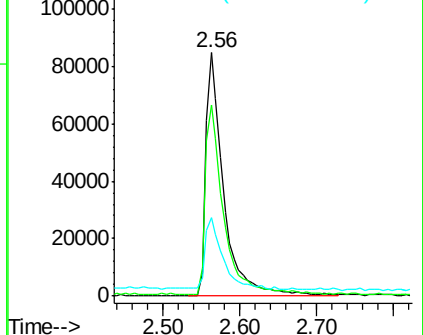
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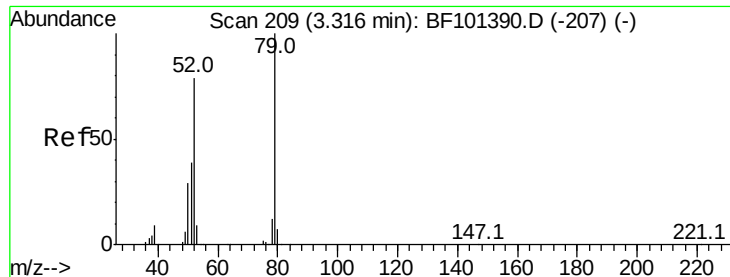
1,4-Dioxane
Concen: 25.846 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.08 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion: 88 Resp: 136147
Ion Ratio Lower Upper
88 100
58 79.3 62.6 93.8
43 28.5 24.6 37.0



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

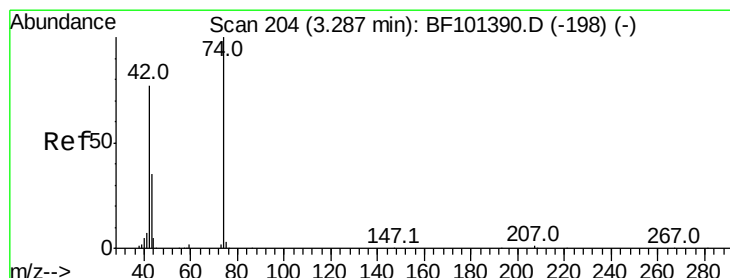
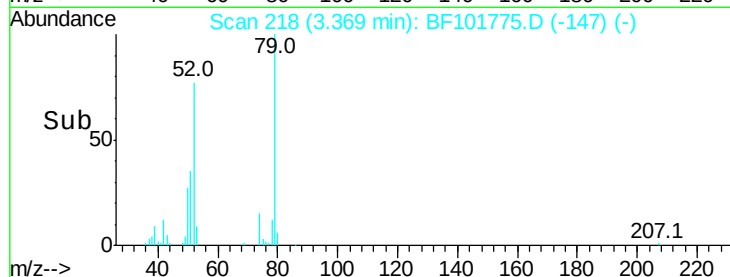
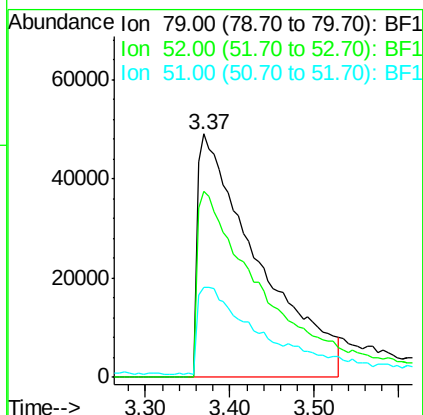
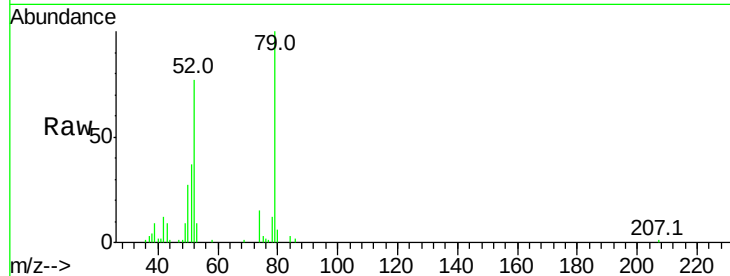




#3
 Pvridine
 Concen: 16.556 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.12 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

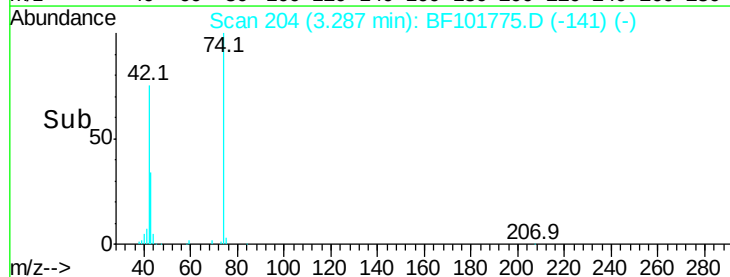
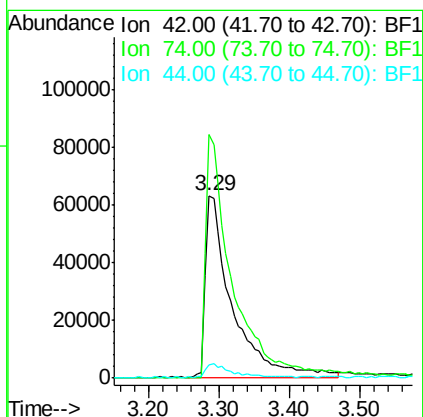
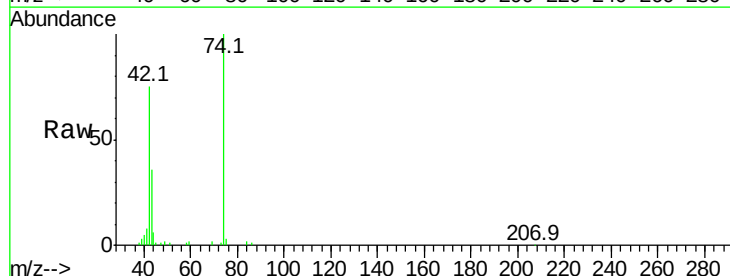
Instrument :
 BNA_F
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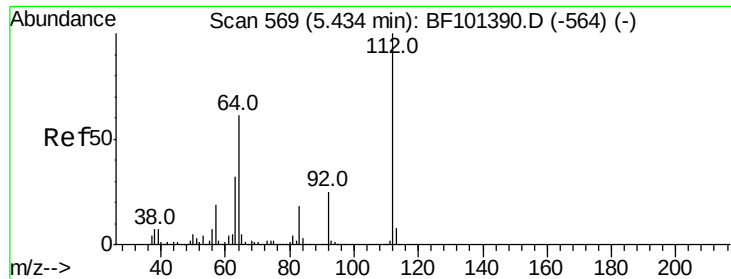
Tot Ion: 79 Resp: 242306
 Ion Ratio Lower Upper
 79 100
 52 76.6 59.8 89.6
 51 37.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 24.989 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.07 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion: 42 Resp: 168388
 Ion Ratio Lower Upper
 42 100
 74 133.5 104.9 157.3
 44 7.6 6.9 10.3

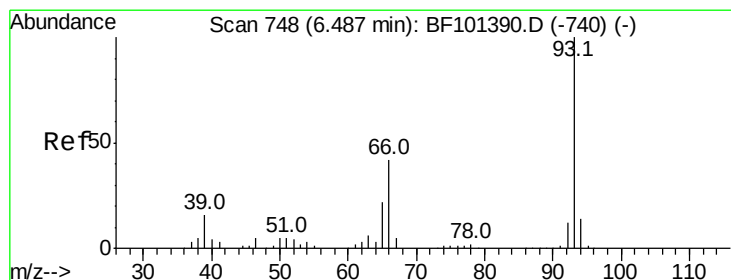
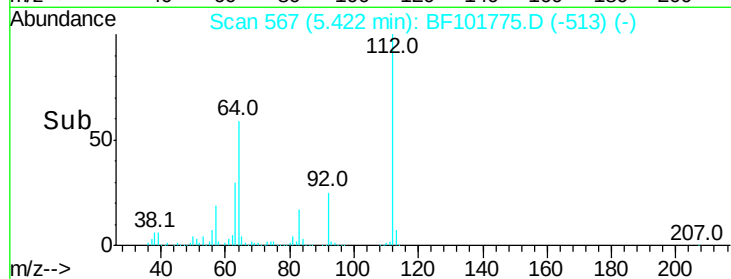
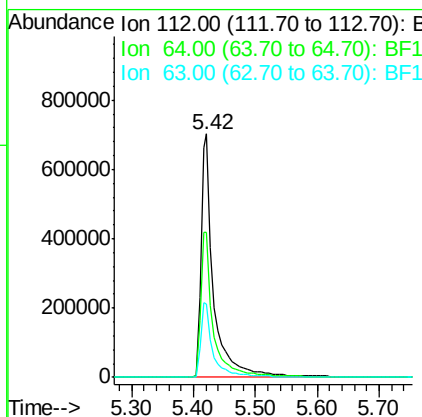
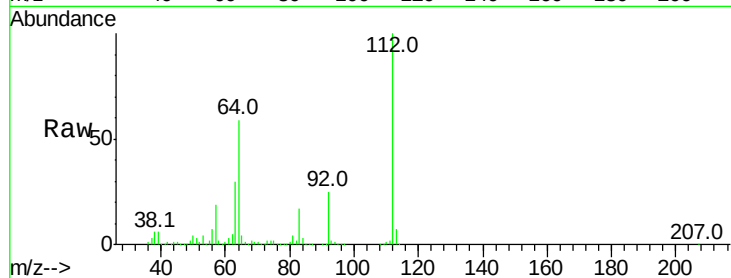




#5
2-Fluorophenol
Concen: 99.191 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

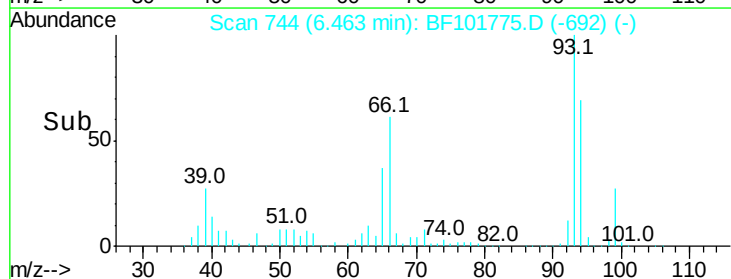
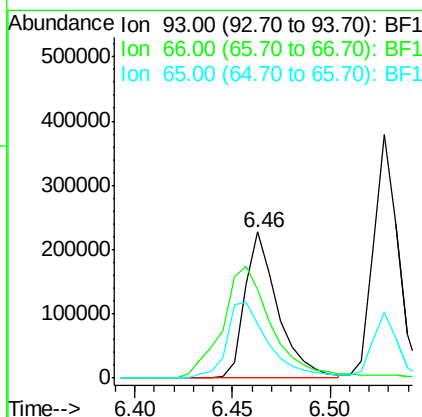
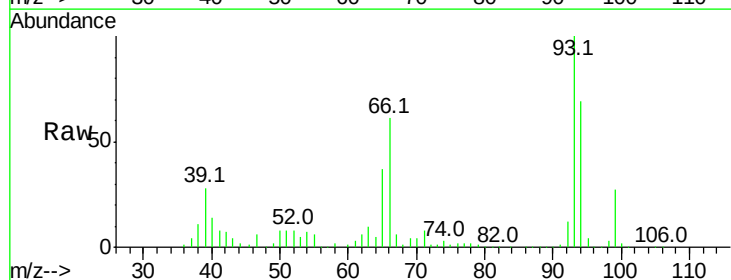
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BNA_F
ClientSampleId :

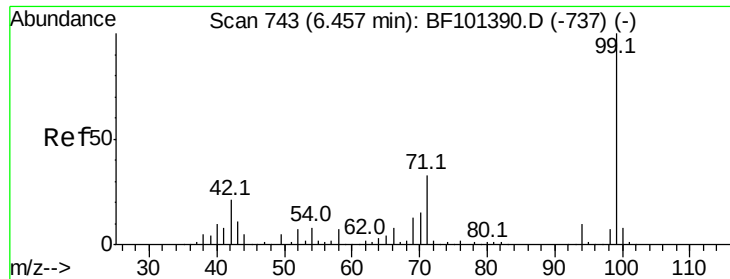
Tot Ion:112 Resp: 1016867
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.1 23.7 35.5



#6
Aniline
Concen: 14.996 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion: 93 Resp: 265881
Ion Ratio Lower Upper
93 100
66 60.7 32.2 48.2#
65 37.4 16.4 24.6#





#7

Phenol-d6

Concen: 89.120 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

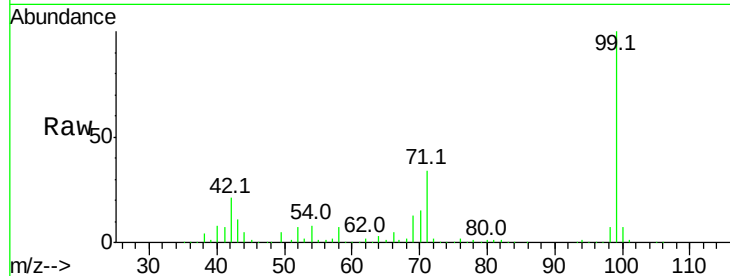
Tot Ion: 99 Resp: 1137028

Ion Ratio Lower Upper

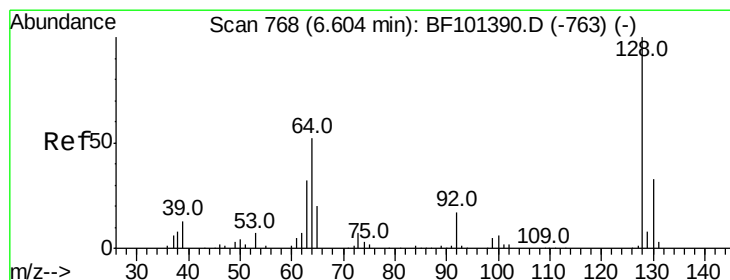
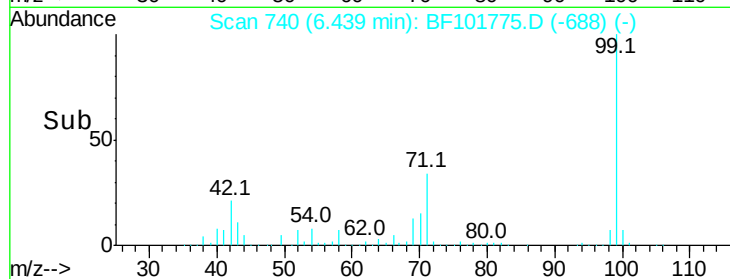
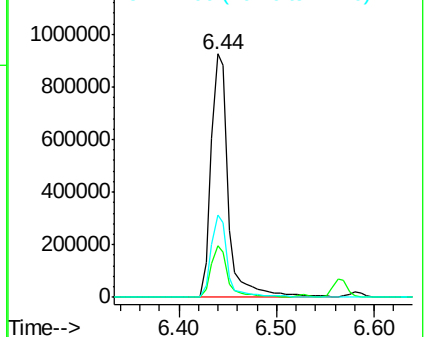
99 100

42 21.1 14.5 21.7

71 33.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 29.780 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

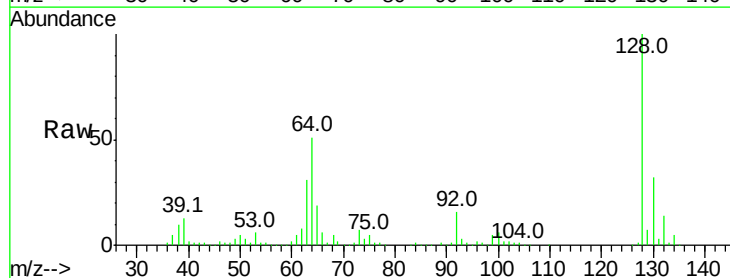
Tgt Ion: 128 Resp: 321142

Ion Ratio Lower Upper

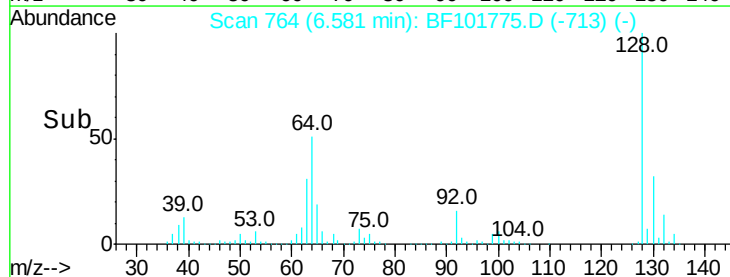
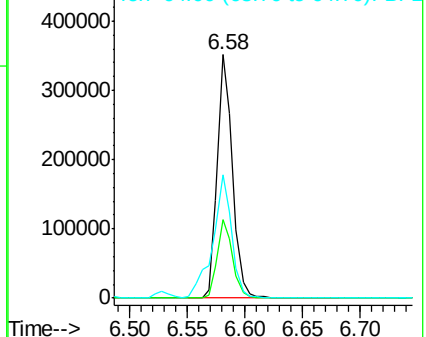
128 100

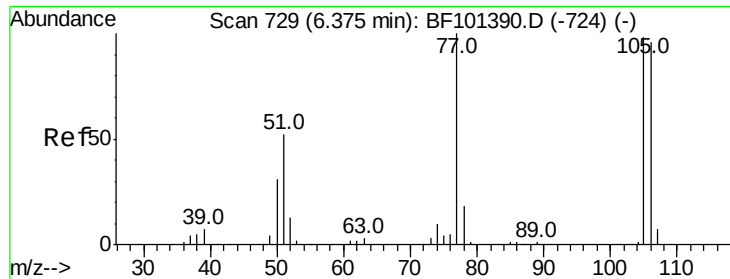
130 32.5 13.0 53.0

64 50.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.967 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampled :

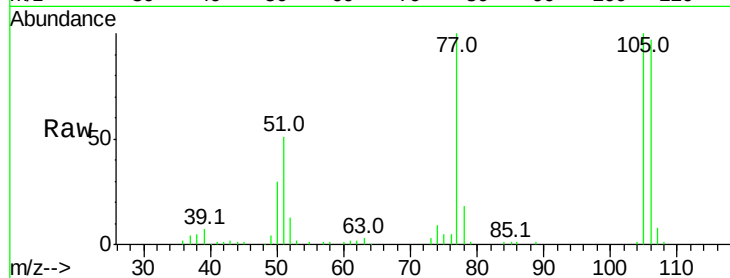
Tot Ion: 77 Resp: 131602

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

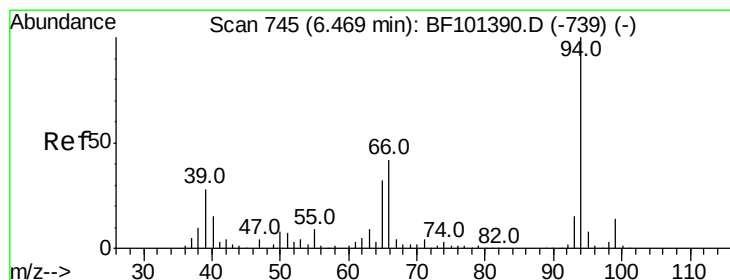
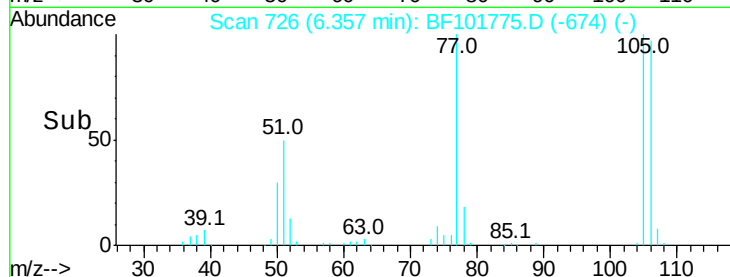
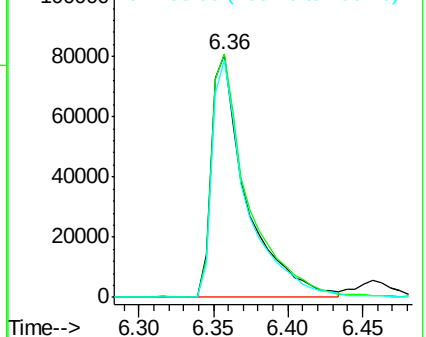
106 97.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.805 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

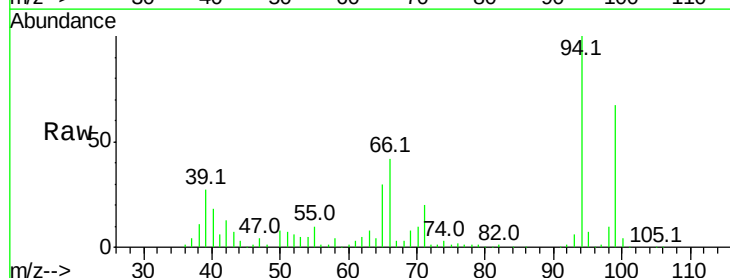
Tgt Ion: 94 Resp: 447953

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

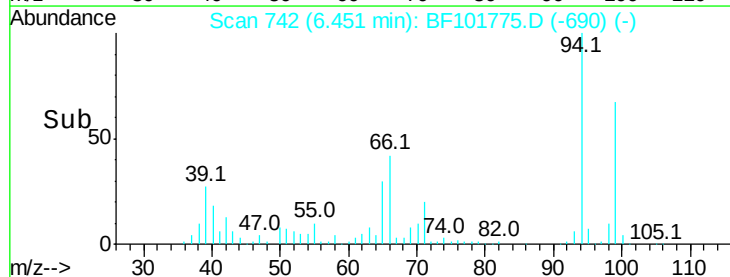
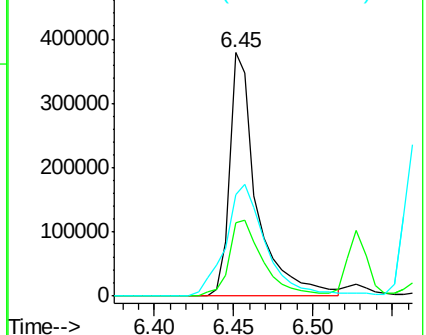
66 41.6 16.2 56.2

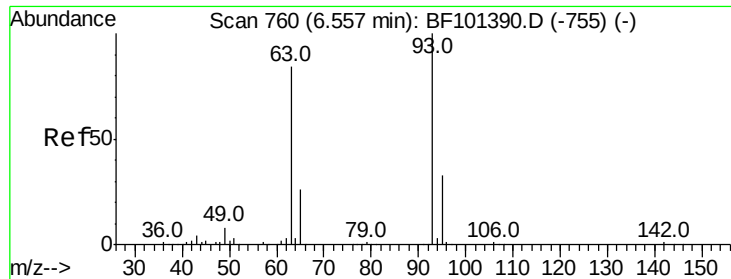


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

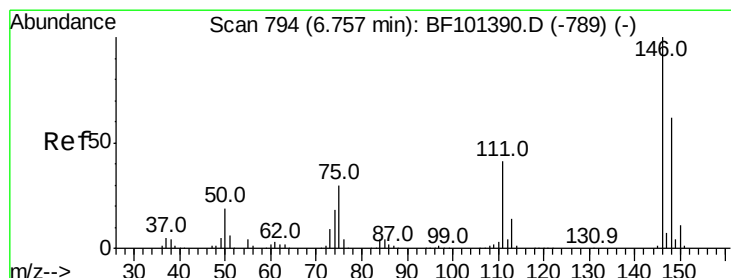
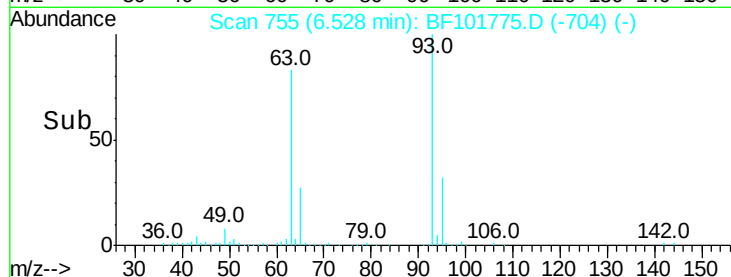
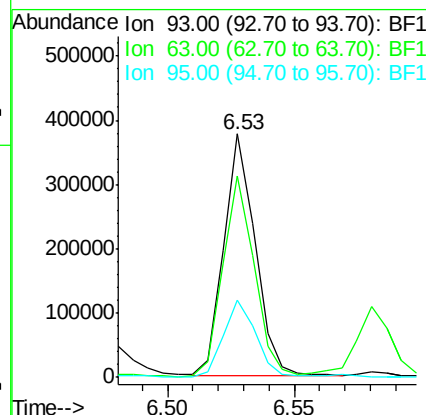
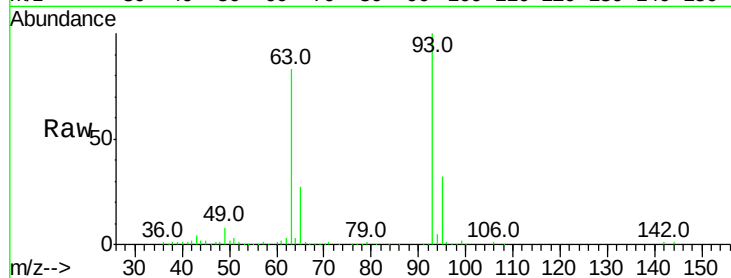




#11
bis(2-Chloroethyl)ether
Concen: 28.522 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

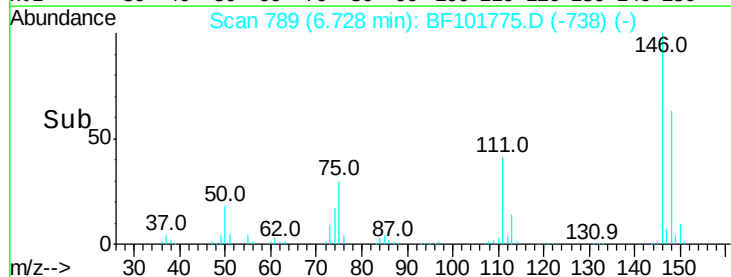
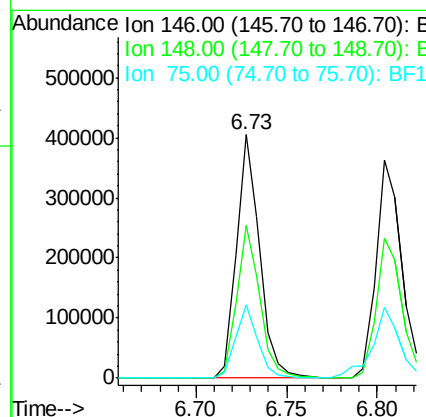
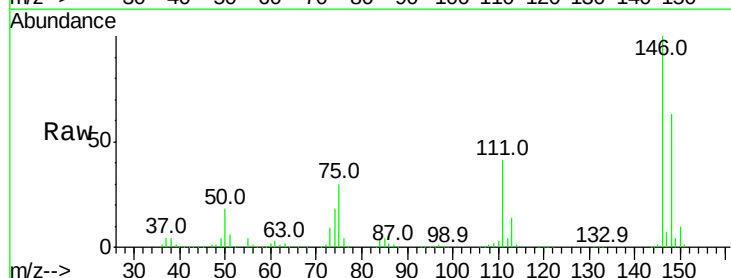
Instrument :
BNA_F
ClientSampleId :

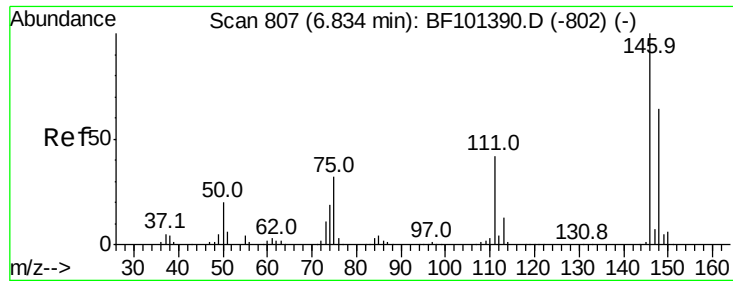
Tot Ion: 93 Resp: 325330
Ion Ratio Lower Upper
93 100
63 82.8 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 29.551 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion: 146 Resp: 359669
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 30.0 24.2 36.4

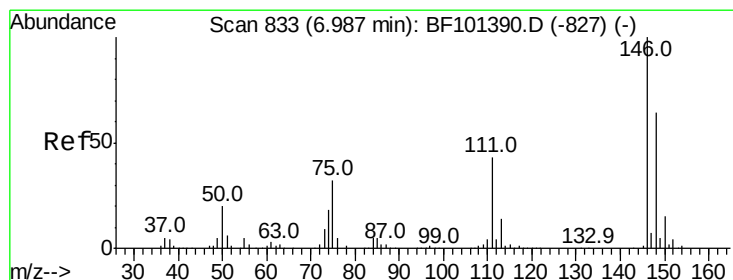
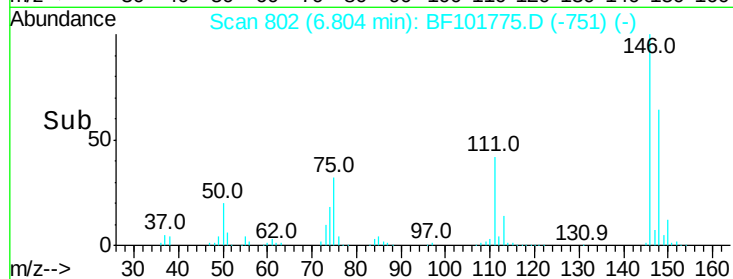
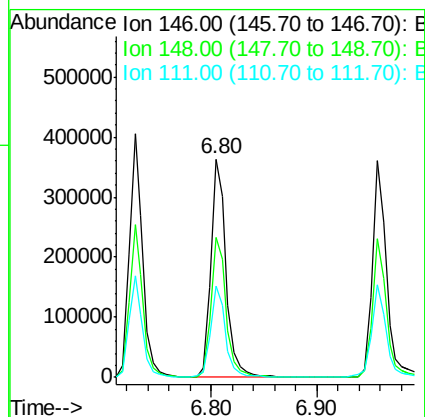
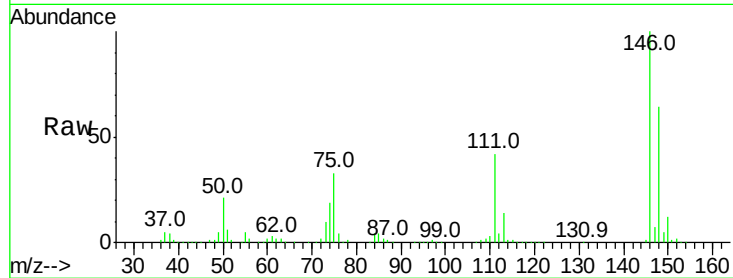




#13
 1,4-Dichlorobenzene
 Concen: 29.566 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

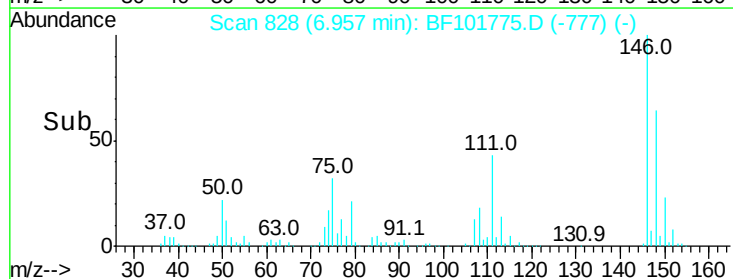
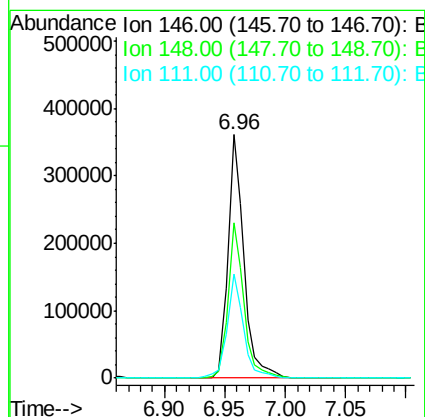
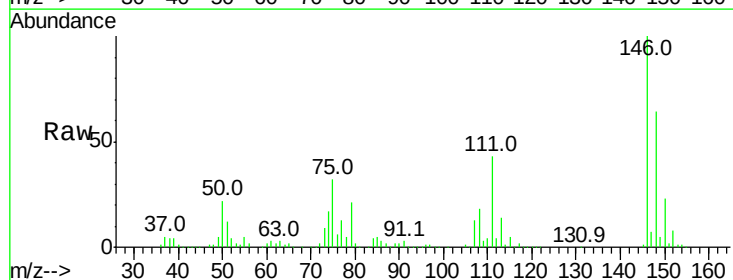
Instrument :
 BNA_F
 ClientSampled :

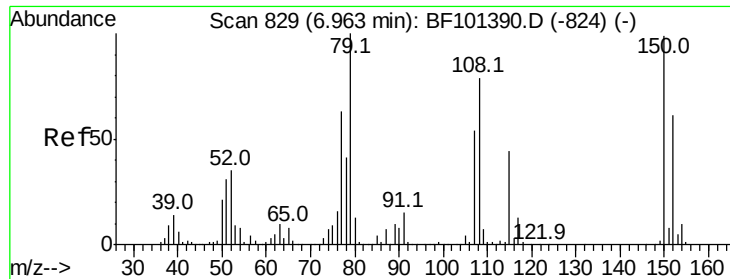
Tot Ion:146 Resp: 367476
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 41.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 29.379 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion:146 Resp: 328678
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 42.9 36.0 54.0

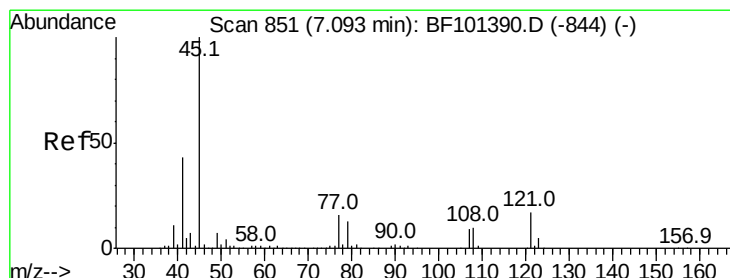
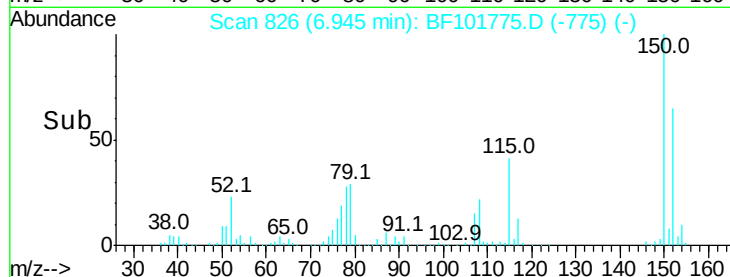
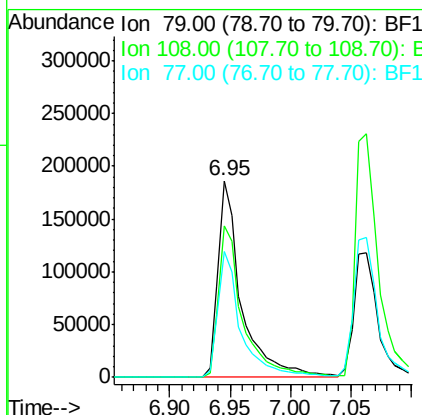
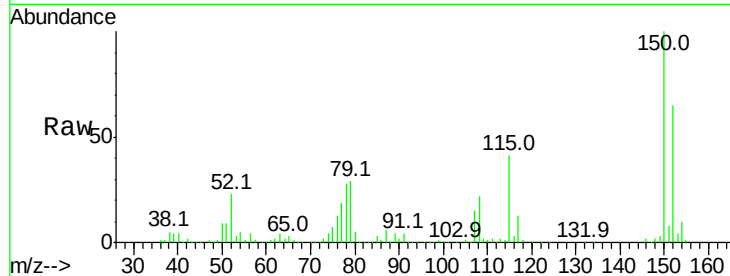




#15
Benzyl Alcohol
Concen: 28.515 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

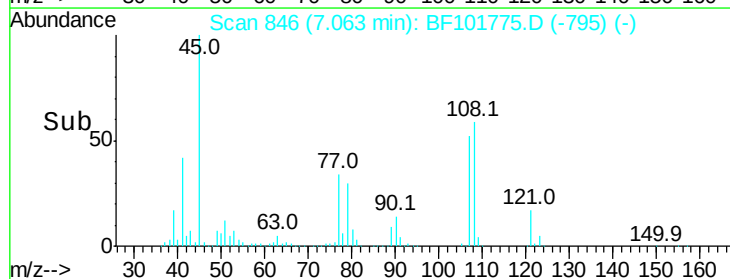
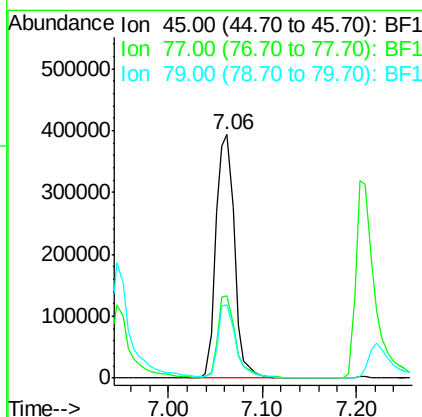
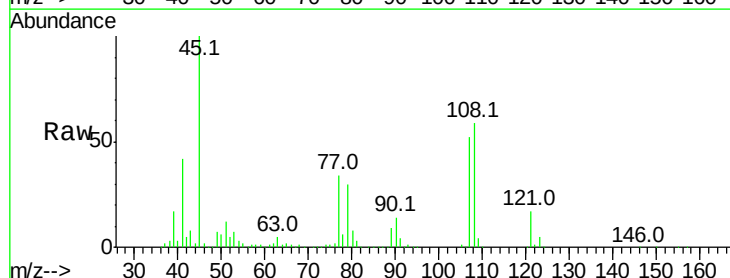
Instrument :
BNA_F
ClientSampled :

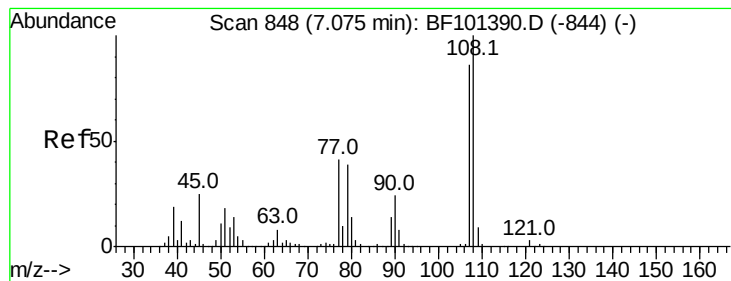
Tot Ion: 79 Resp: 250406
Ion Ratio Lower Upper
79 100
108 77.0 65.1 97.7
77 64.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.150 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion: 45 Resp: 543777
Ion Ratio Lower Upper
45 100
77 33.7 0.0 32.9#
79 30.1 0.0 29.6#

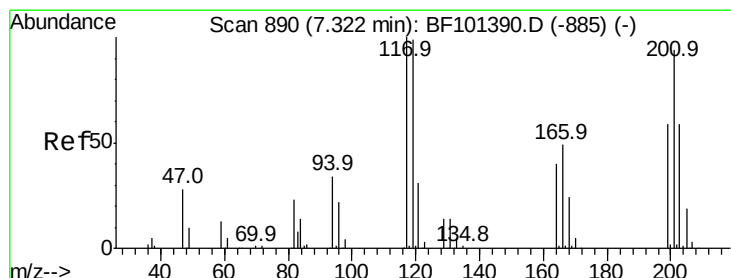
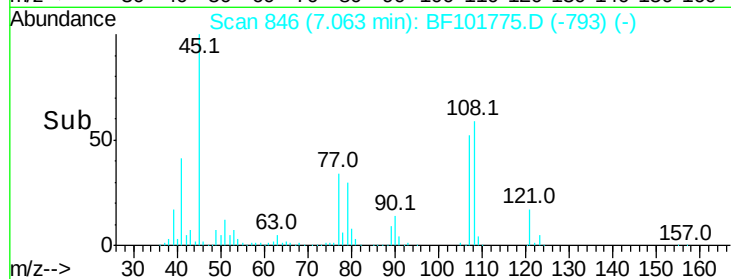
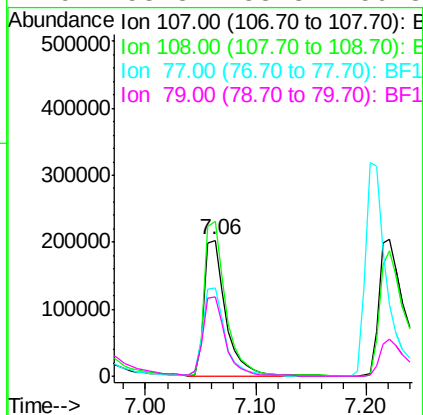
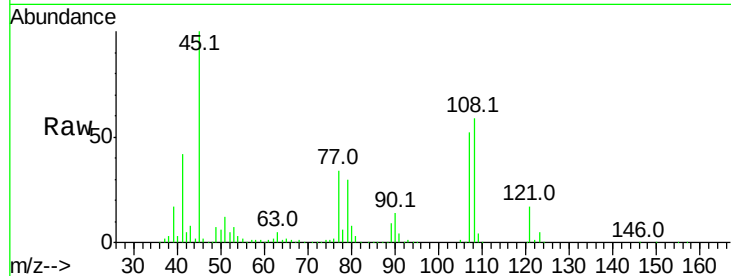




#17
2-Methylphenol
Concen: 26.701 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

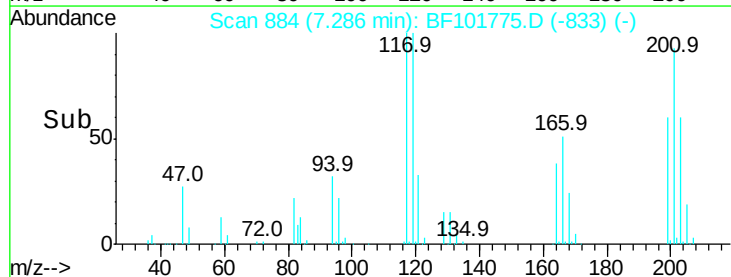
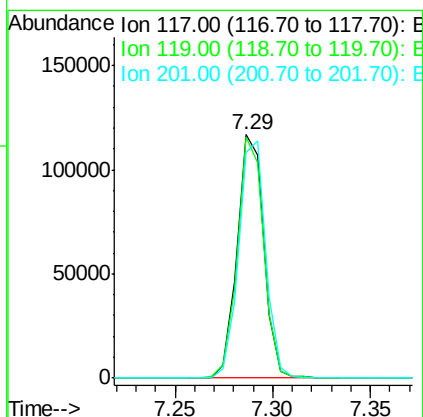
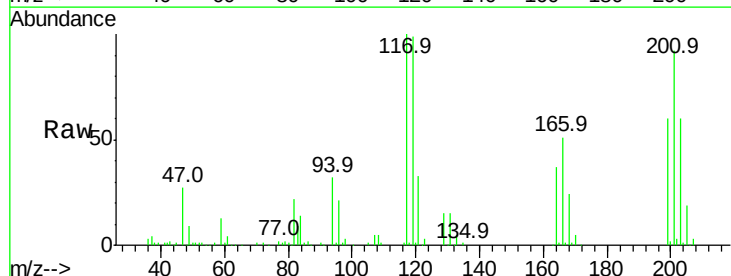
Instrument :
BNA_F
ClientSampled :

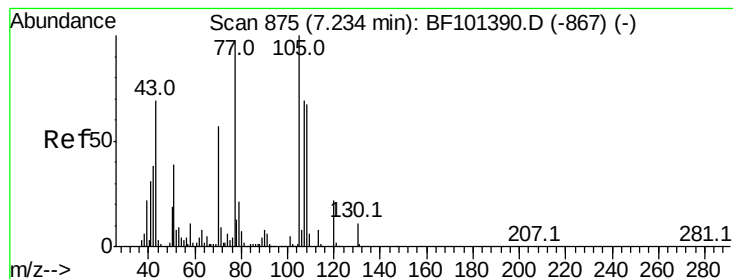
Tot Ion:107 Resp: 264871
Ion Ratio Lower Upper
107 100
108 113.7 91.7 137.5
77 65.3 33.8 50.8#
79 58.3 33.8 50.8#



#18
Hexachloroethane
Concen: 25.535 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:117 Resp: 110344
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.8
201 92.4 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 27.596 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 231218

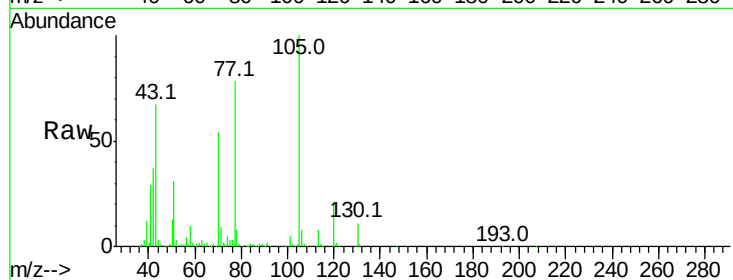
Ion Ratio Lower Upper

70 100

42 67.4 47.5 71.3

101 9.3 7.4 11.2

130 19.5 16.6 25.0

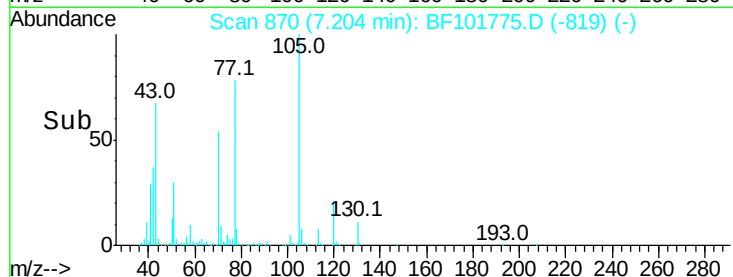


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



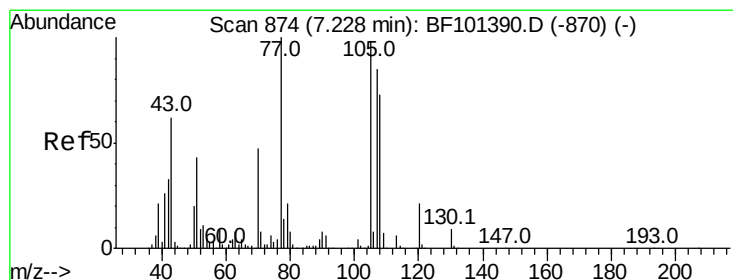
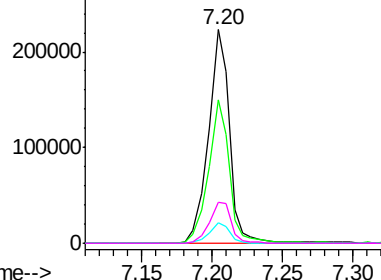
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#20

3+4-Methylphenols

Concen: 34.377 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Tgt Ion:107 Resp: 361363

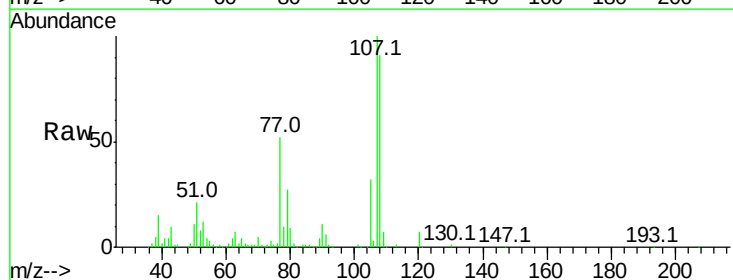
Ion Ratio Lower Upper

107 100

108 91.1 68.2 108.2

77 52.4 26.7 66.7

79 27.1 6.3 46.3

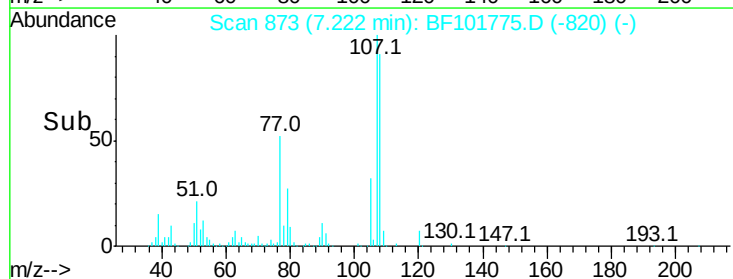


Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



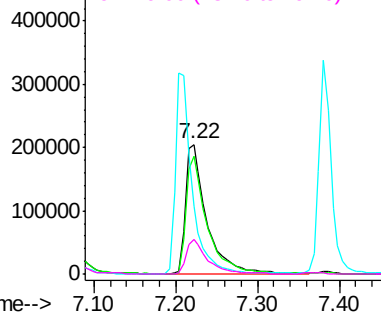
Abundance Ion 107.00 (106.70 to 107.70): BF1

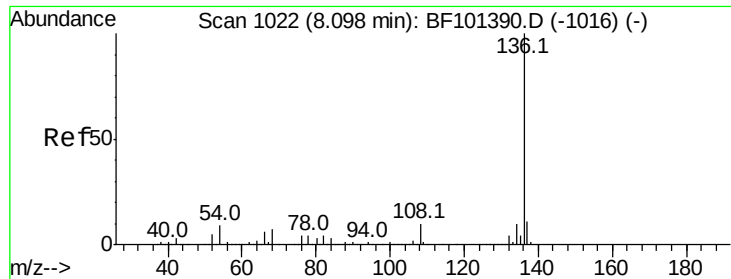
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

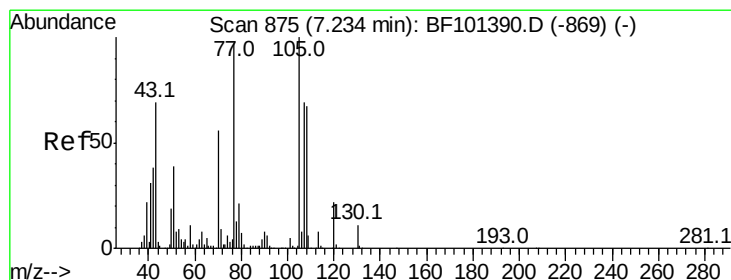
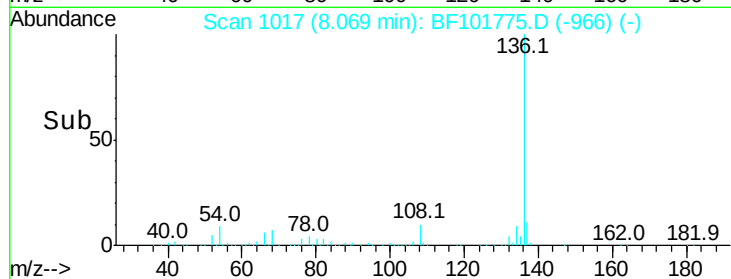
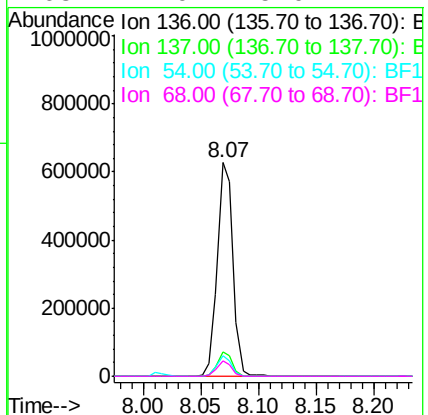
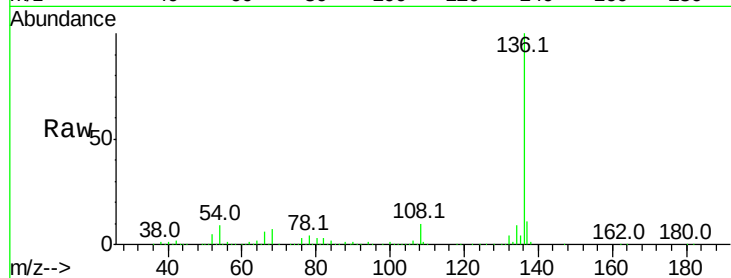




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

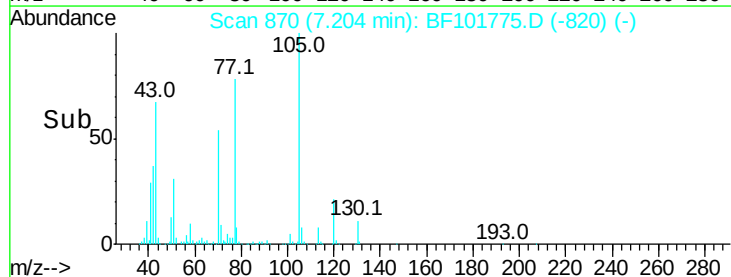
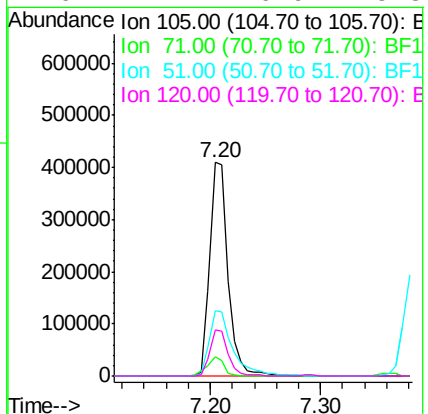
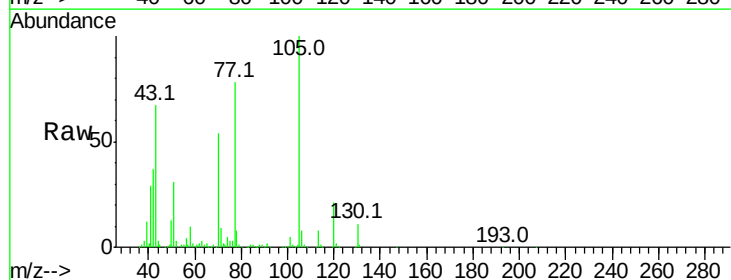
Instrument :
BNA_F
ClientSampled :

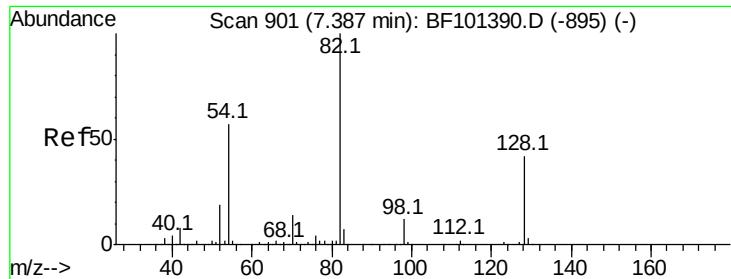
Tot Ion:136	Resp:	590618
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	9.4	6.6 9.8
68	7.0	5.0 7.4



#22
Acetophenone
Concen: 34.046 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:105	Resp:	458819
Ion	Ratio	Lower Upper
105	100	
71	9.0	4.4 6.6#
51	30.6	22.3 33.5
120	21.4	16.9 25.3

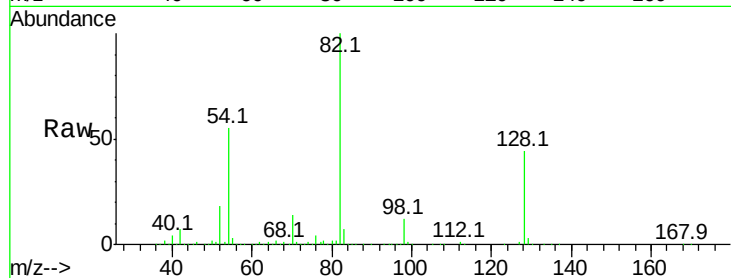




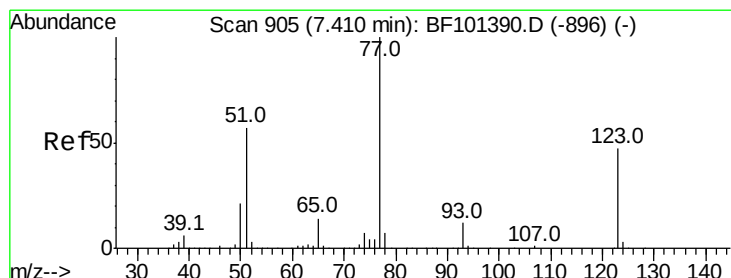
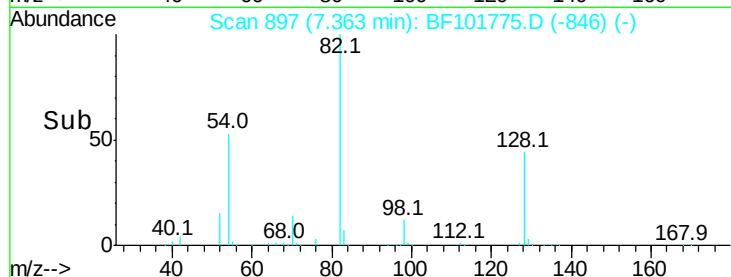
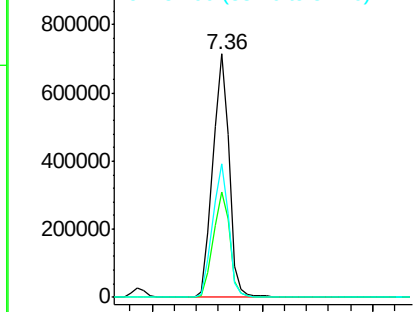
#23
Nitrobenzene-d5
Concen: 68.450 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	54.6	41.4	62.2

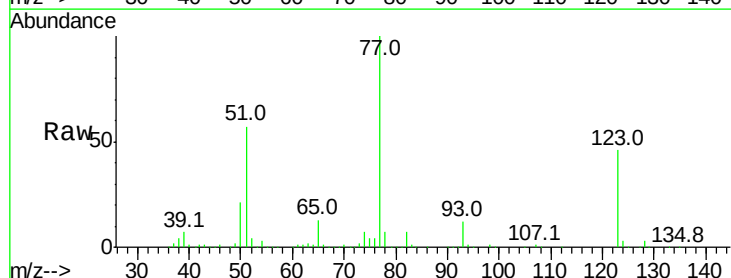


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

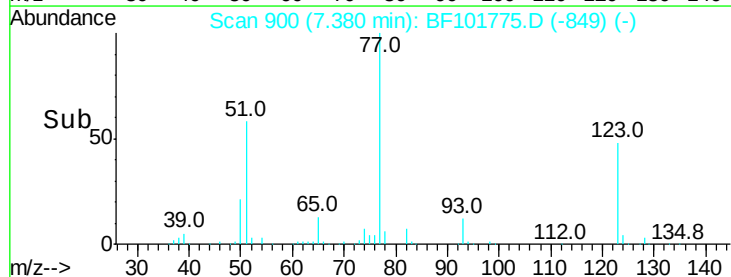
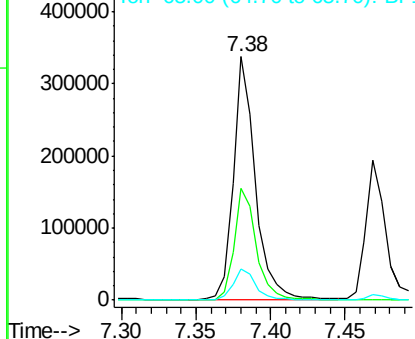


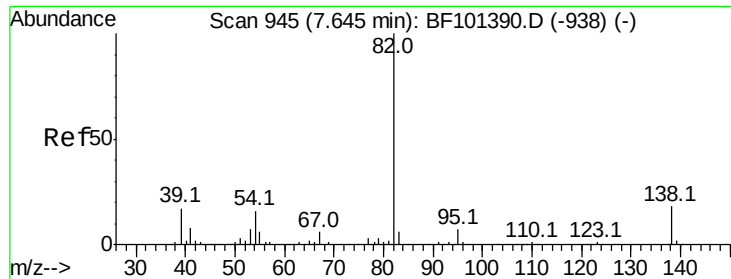
#24
Nitrobenzene
Concen: 29.783 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.9	56.9
65	13.0	11.0	16.4



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: 29.473 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

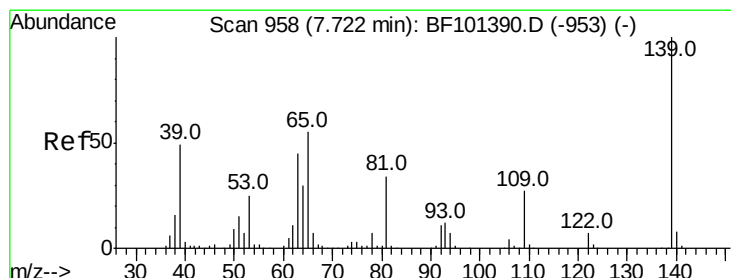
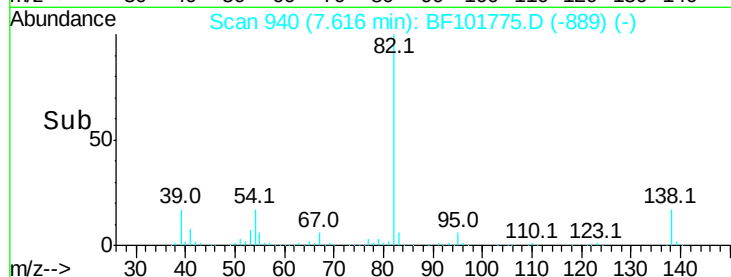
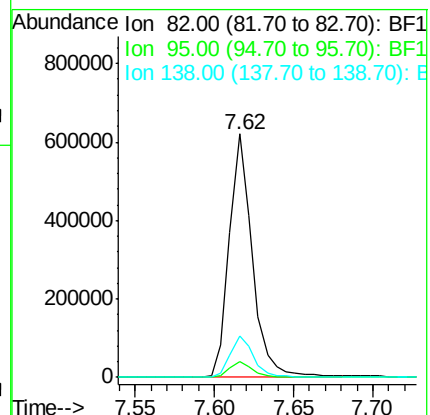
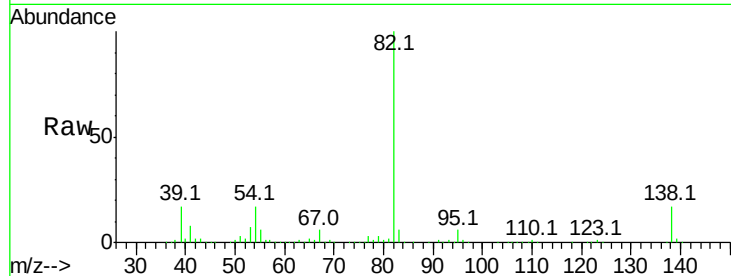
Tot Ion: 82 Resp: 627320

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.1 14.9 22.3



#26

2-Nitrophenol

Concen: 34.502 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

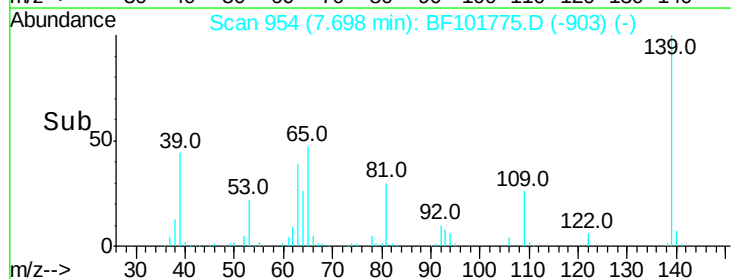
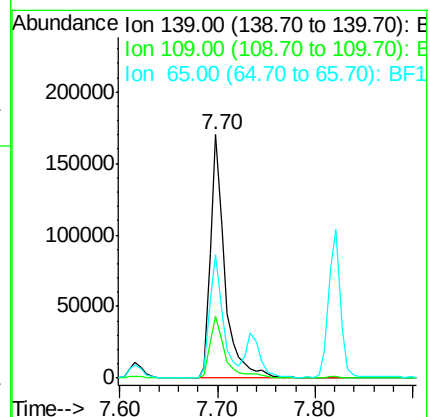
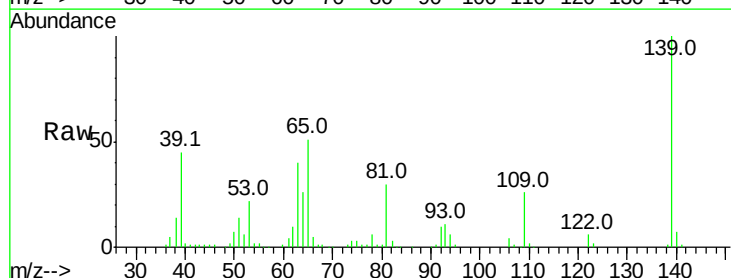
Tgt Ion: 139 Resp: 174057

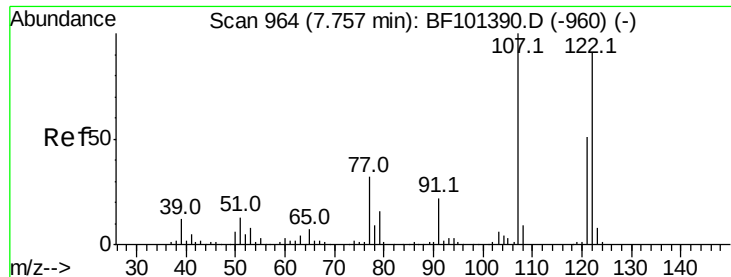
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 50.7 40.5 60.7

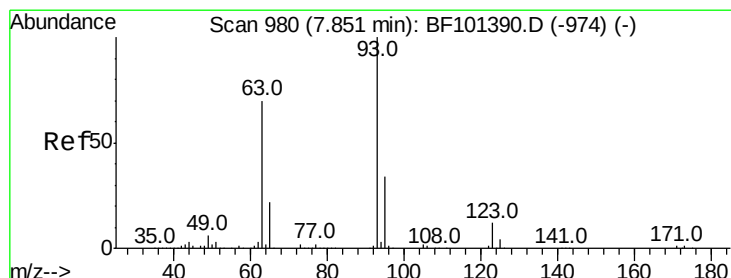
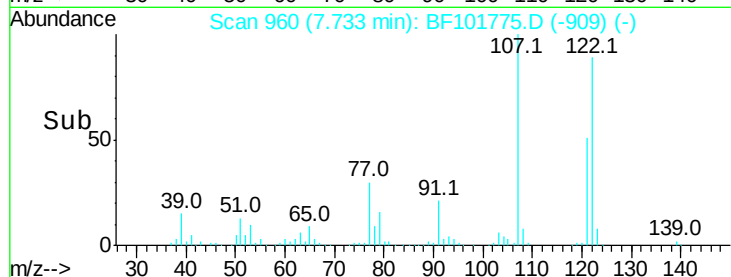
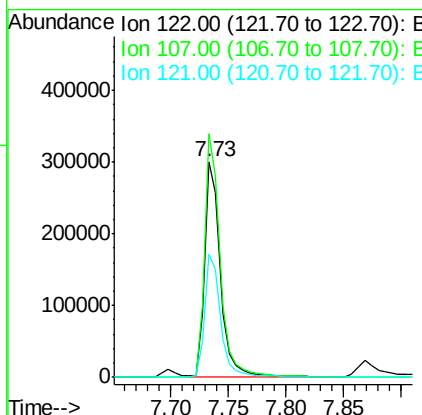
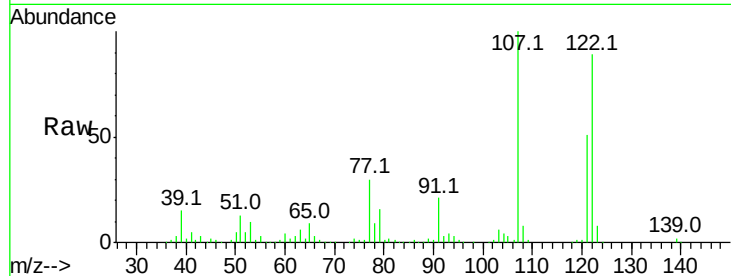




#27
2,4-Dimethylphenol
Concen: 33.836 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

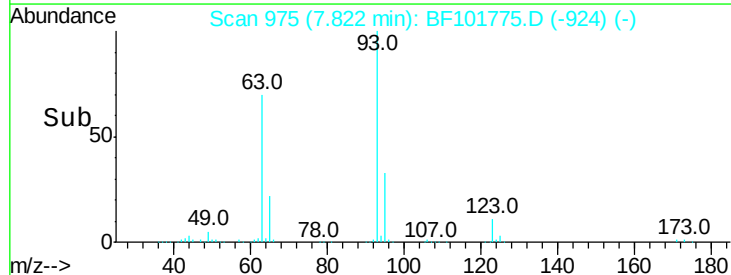
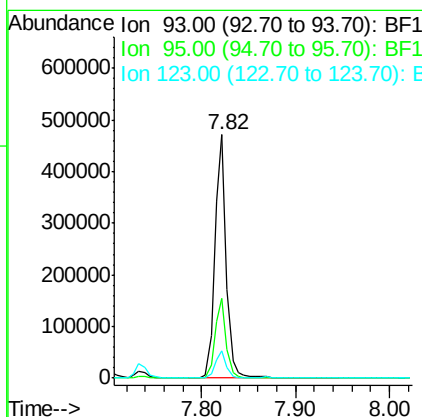
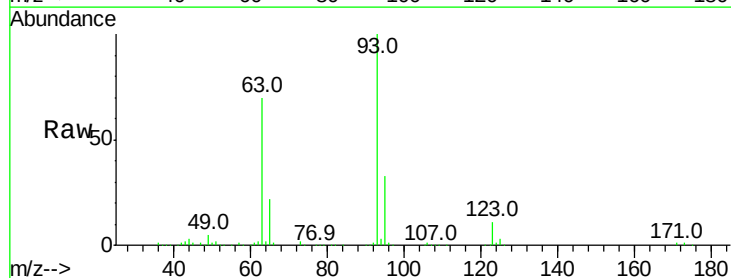
Instrument :
BNA_F
ClientSampled :

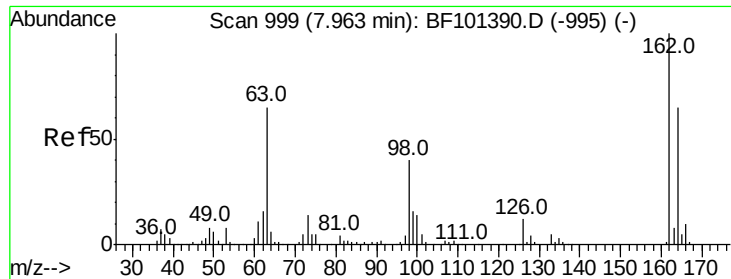
Tot Ion:122 Resp: 289990
Ion Ratio Lower Upper
122 100
107 112.9 91.2 136.8
121 57.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 30.031 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion: 93 Resp: 406036
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 11.1 9.8 14.6

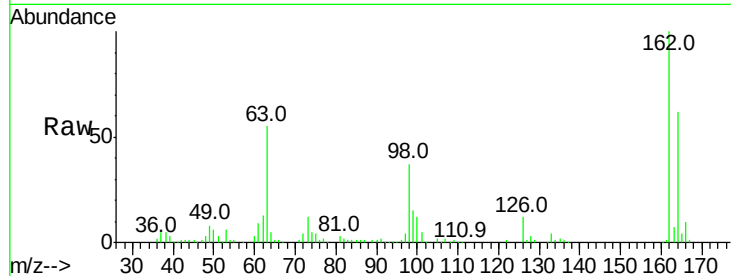




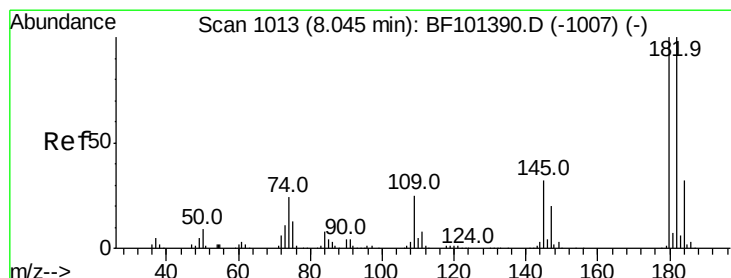
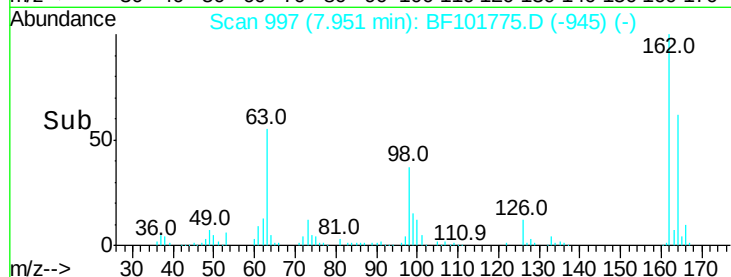
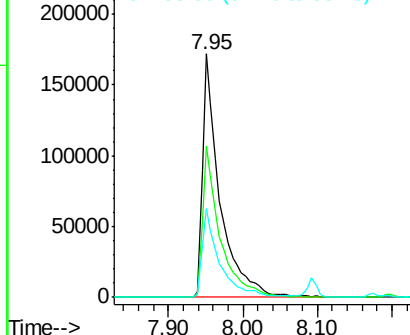
#29
 2,4-Dichlorophenol
 Concen: 33.224 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.7	82.7
98	36.5	18.1	58.1

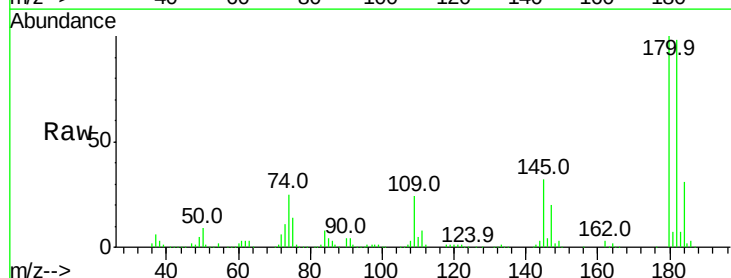


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

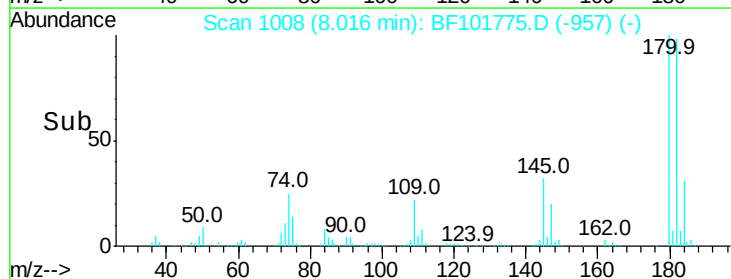
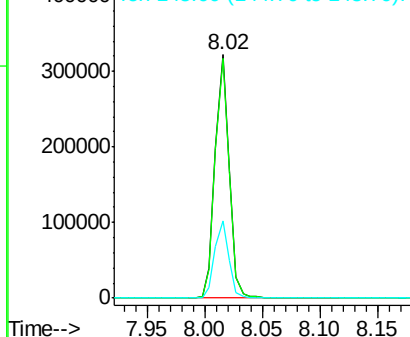


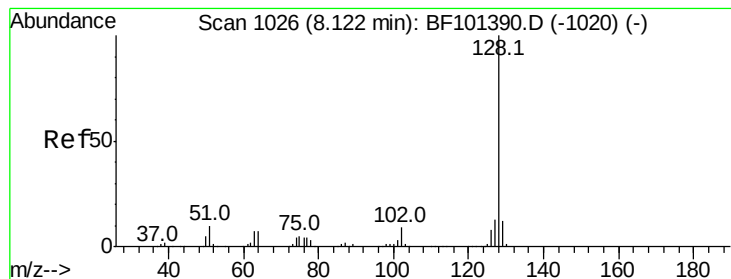
#30
 1,2,4-Trichlorobenzene
 Concen: 30.597 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.8	115.2
145	31.6	26.5	39.7



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: 29.872 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

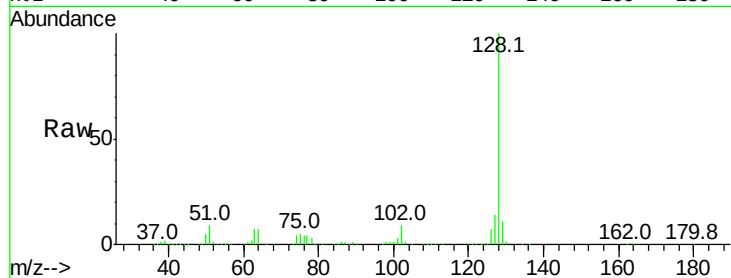
Tot Ion:128 Resp: 888197

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

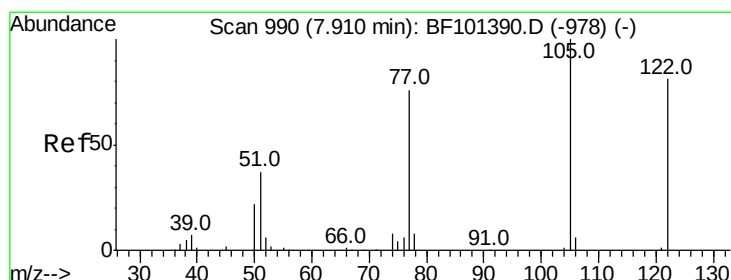
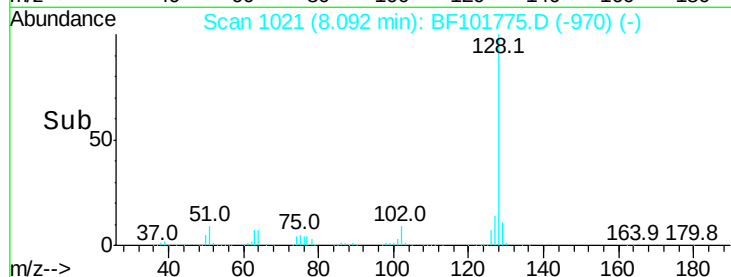
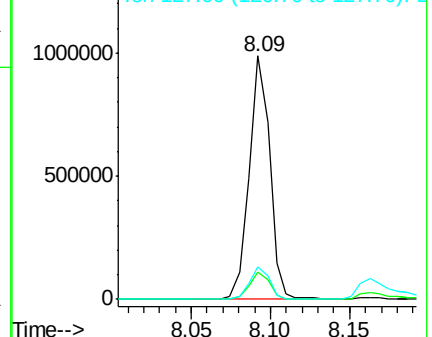
127 13.5 10.9 16.3



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: 14.194 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

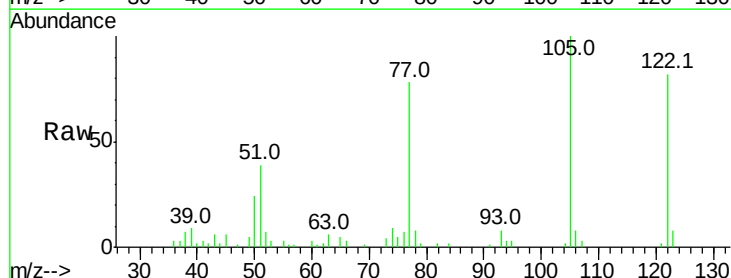
Tgt Ion:122 Resp: 43152

Ion Ratio Lower Upper

122 100

105 121.3 101.1 141.1

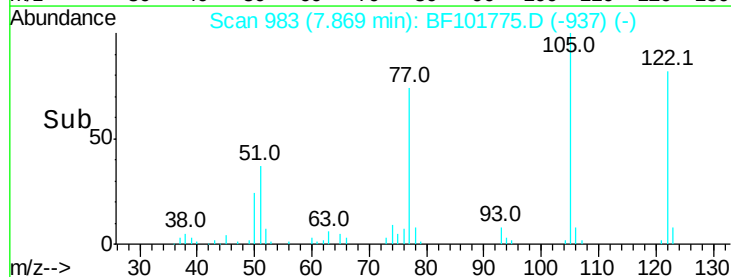
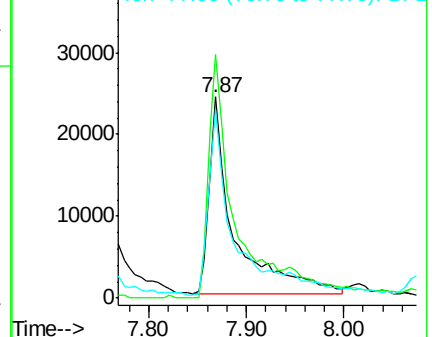
77 94.2 70.7 110.7

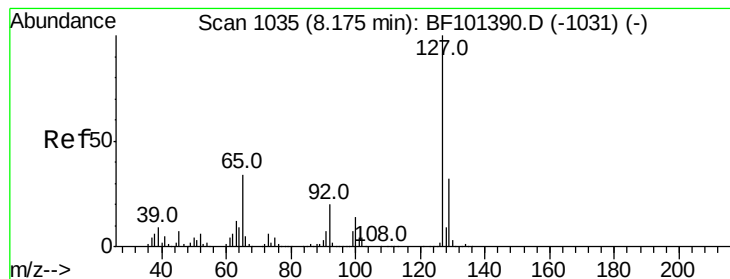


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.730 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 138672

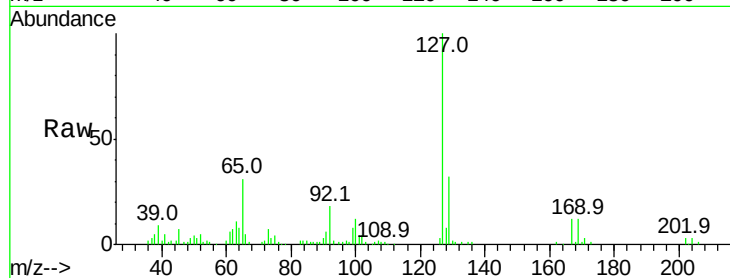
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 30.6 25.0 37.4

92 18.0 15.2 22.8

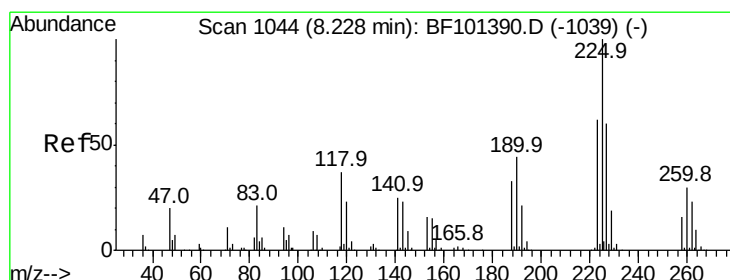
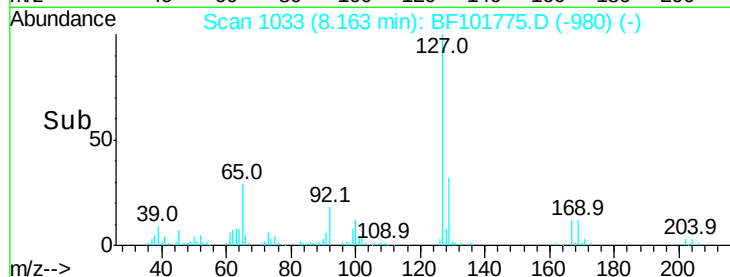
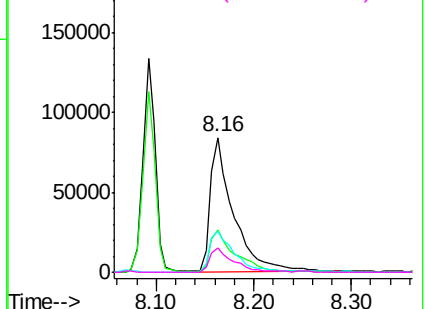


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.494 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

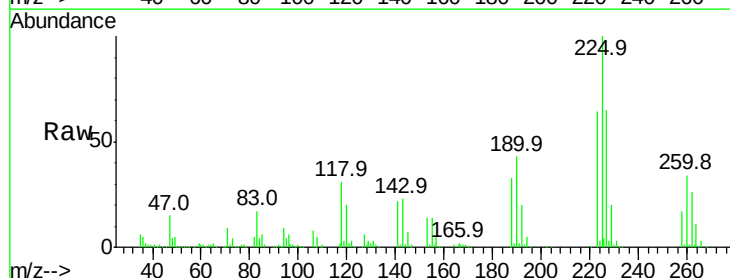
Tgt Ion:225 Resp: 157595

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

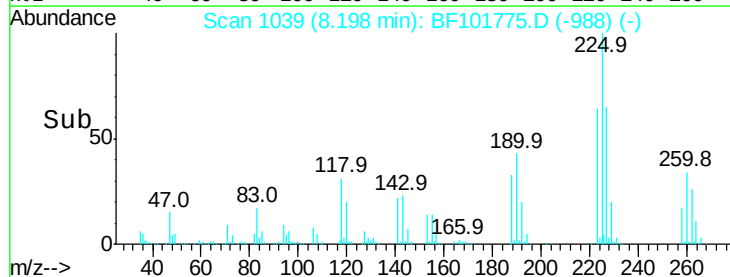
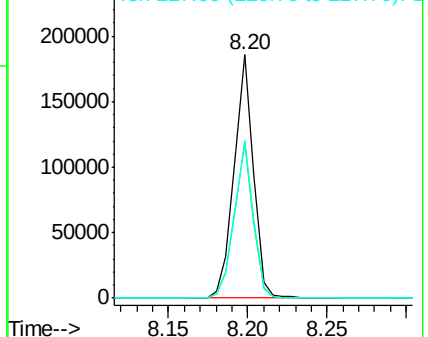
227 64.8 51.9 77.9

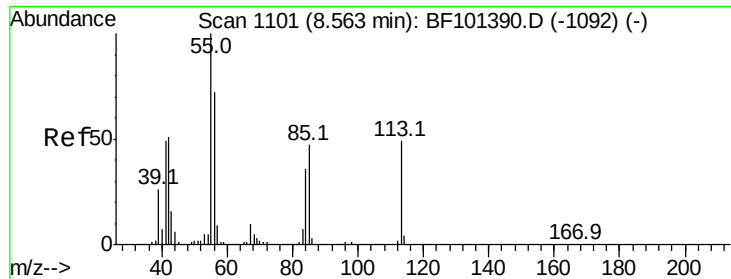


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.846 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

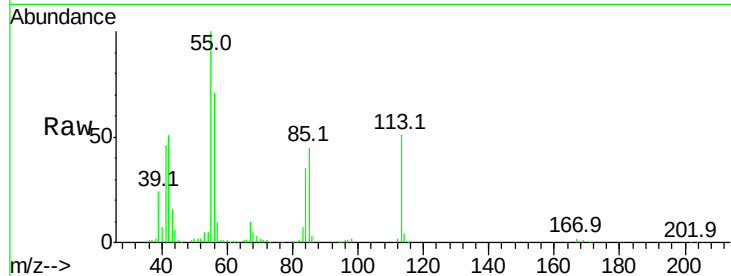
Tot Ion:113 Resp: 87752

Ion Ratio Lower Upper

113 100

55 195.9 163.3 203.3

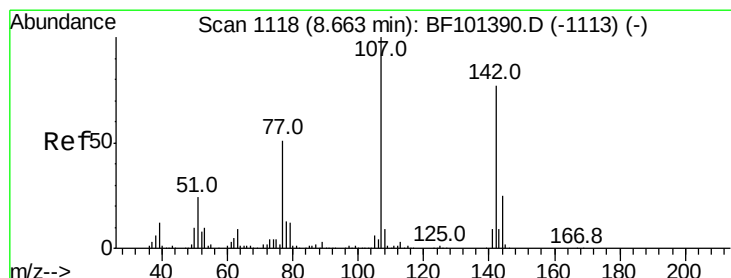
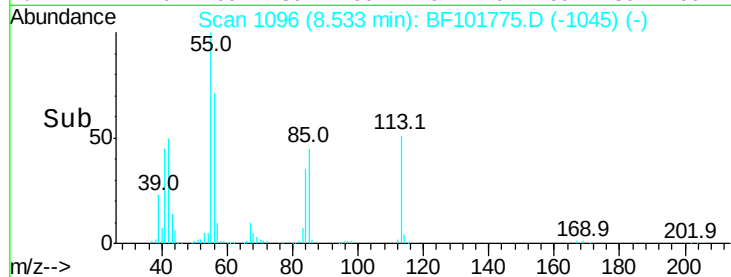
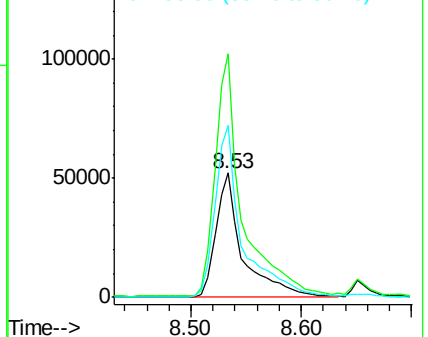
56 138.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 29.539 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

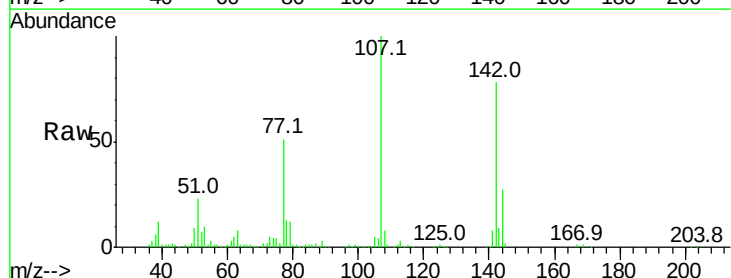
Tgt Ion:107 Resp: 274904

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

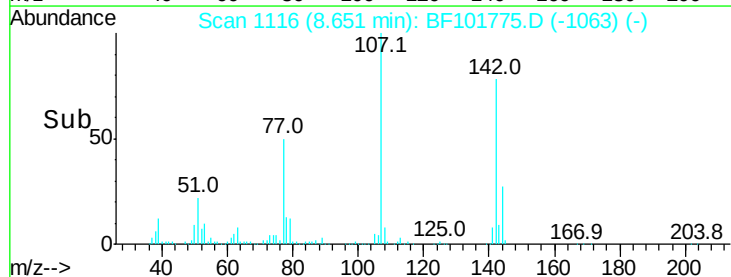
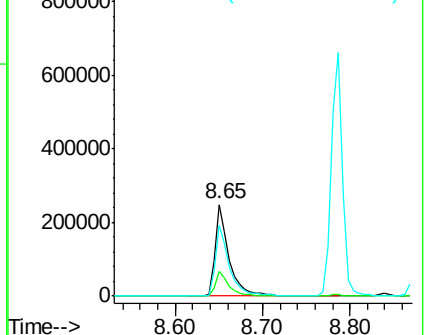
142 78.0 62.0 93.0

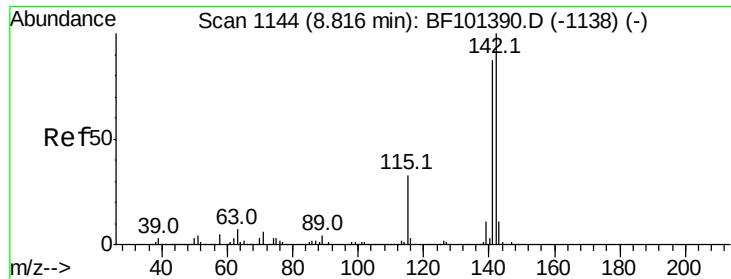


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

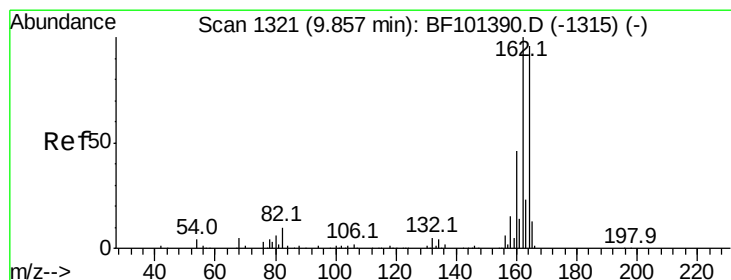
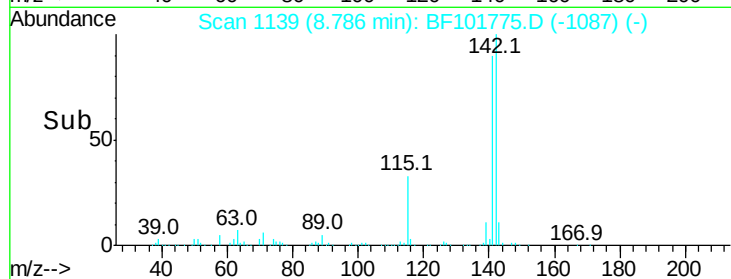
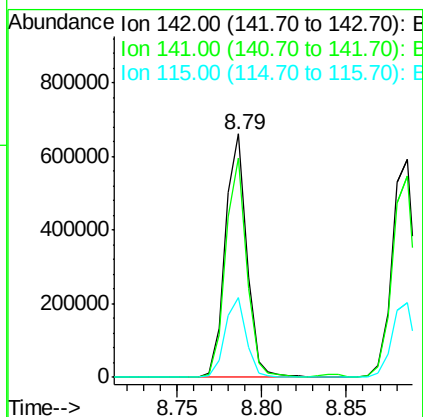
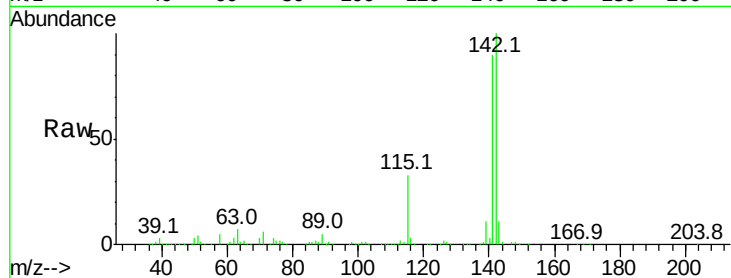




#37
2-Methylnaphthalene
Concen: 30.096 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

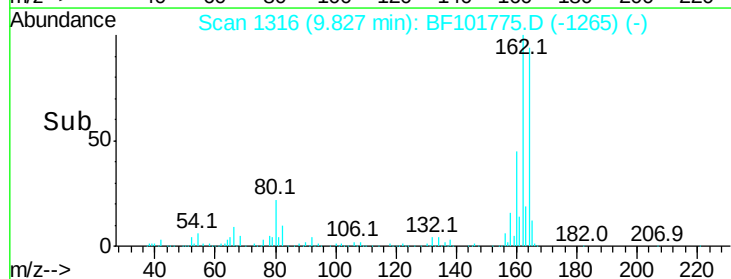
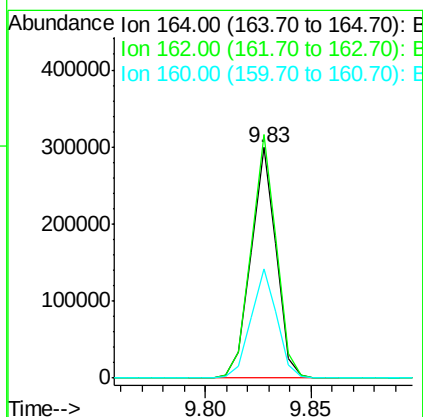
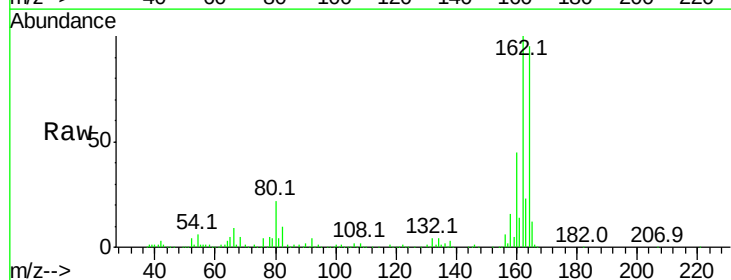
Instrument :
BNA_F
ClientSampleId :

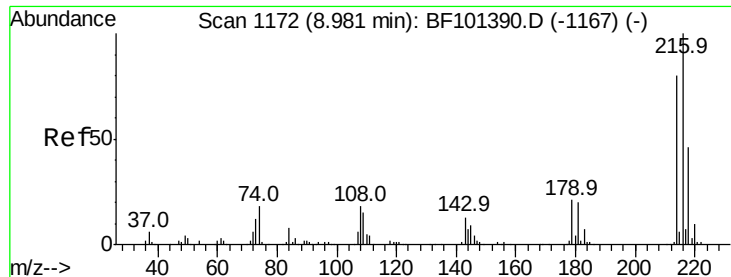
Tot Ion:142 Resp: 583027
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 32.8 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:164 Resp: 249048
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 47.7 38.3 57.5

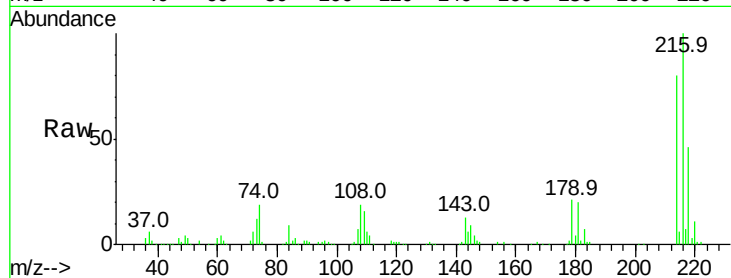




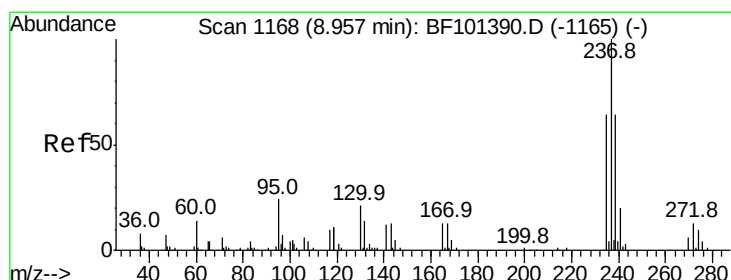
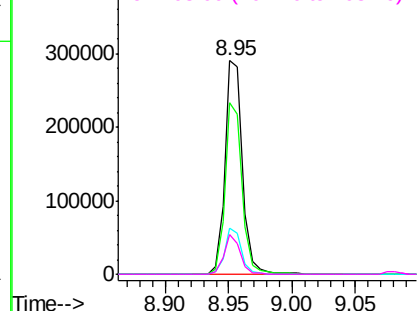
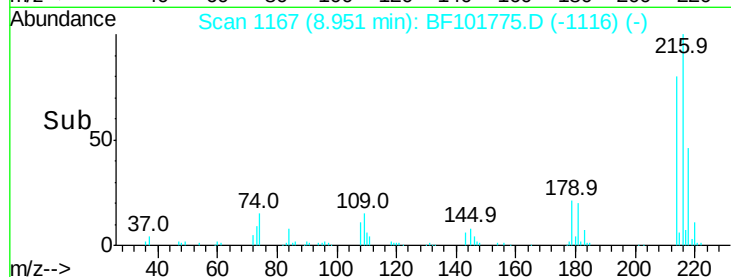
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.357 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	280485
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	20.4	18.1	27.1
108	17.3	17.2	25.8

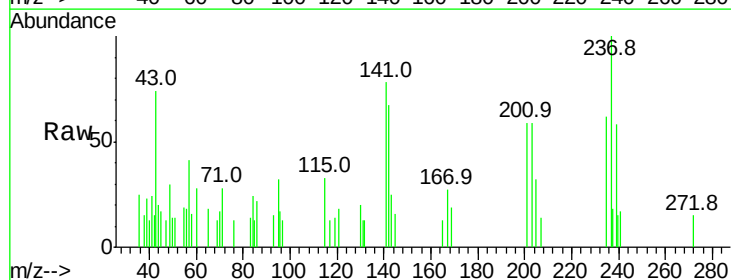


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

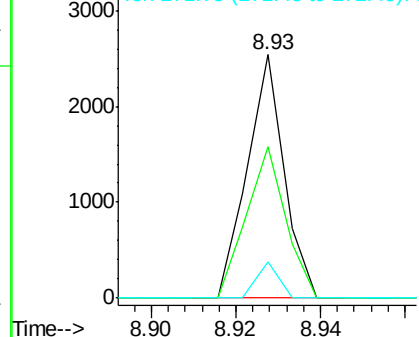
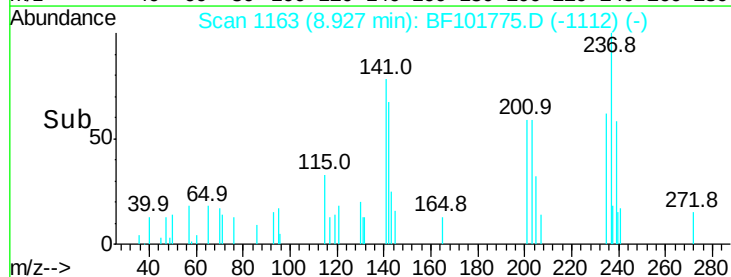


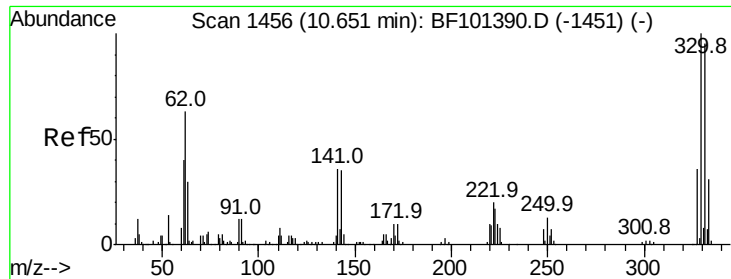
#40
 Hexachlorocyclopentadiene
 Concen: 12.574 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion:	237	Resp:	1537
Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.8	84.8
272	14.7	0.0	33.3



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

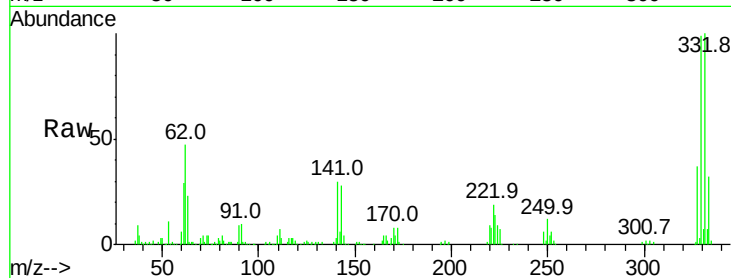




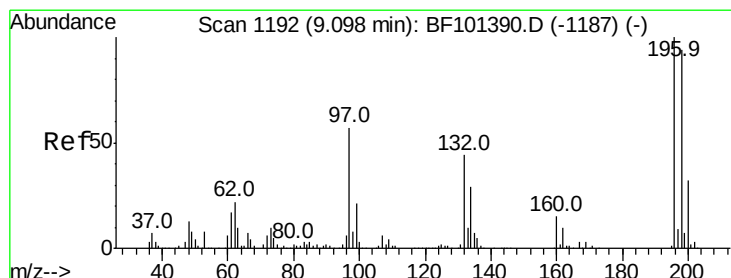
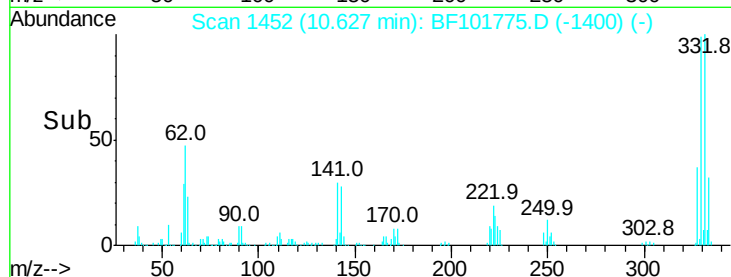
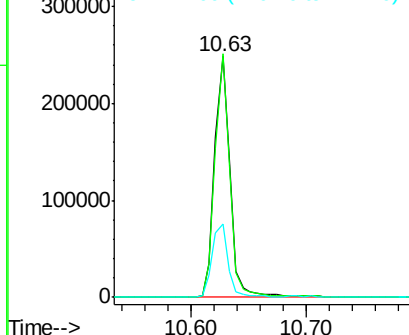
#41
2,4,6-Tribromophenol
Concen: 96.898 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 232532
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 31.5 29.9 44.9

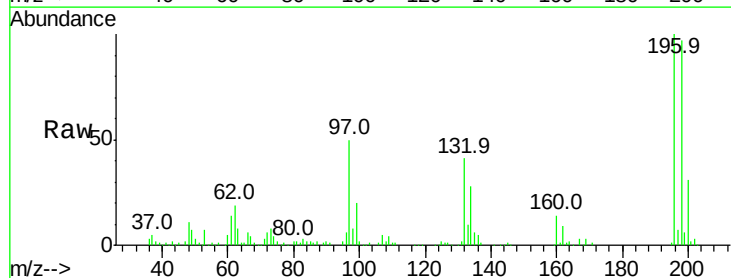


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

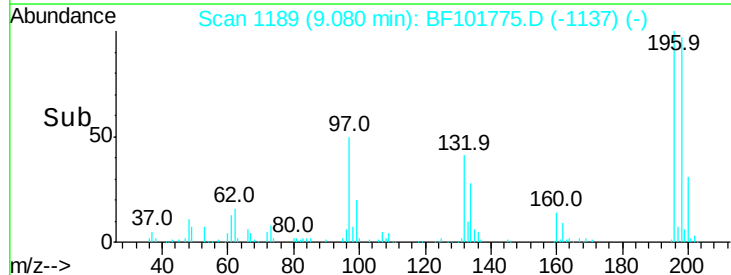
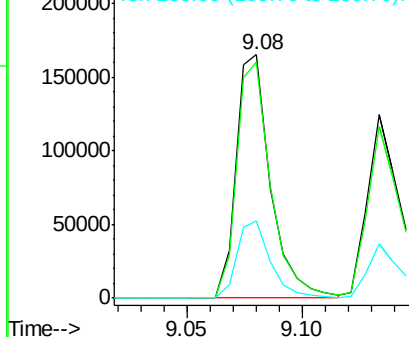


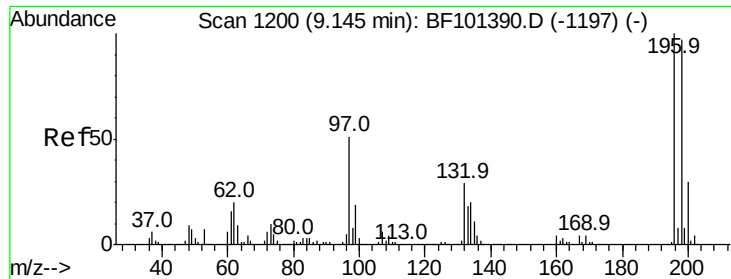
#42
2,4,6-Trichlorophenol
Concen: 33.989 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:196 Resp: 172056
Ion Ratio Lower Upper
196 100
198 96.9 75.7 113.5
200 31.5 24.5 36.7



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

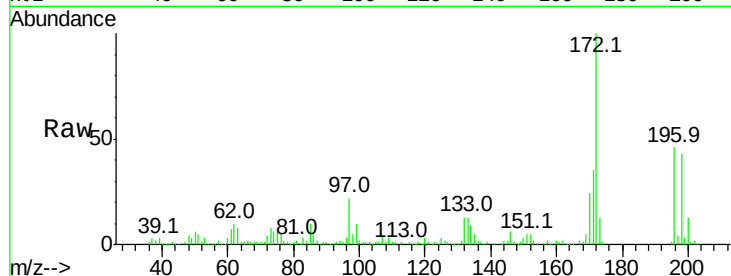




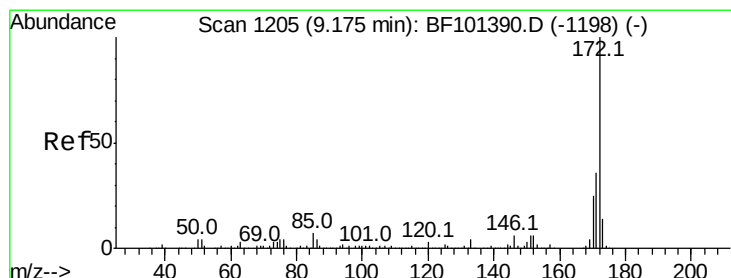
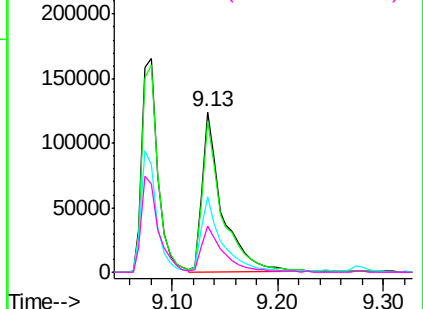
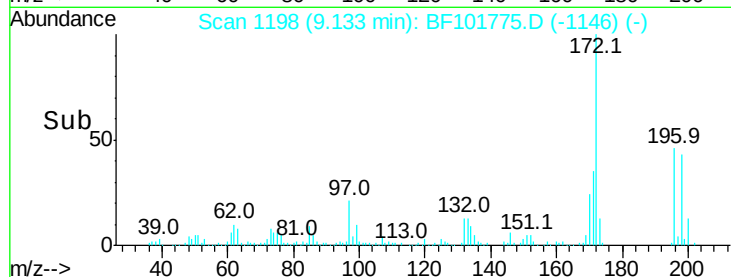
#43
 2,4,5-Trichlorophenol
 Concen: 29.212 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp: 161916
Ion Ratio	Lower Upper
196 100	
198 94.3	74.6 112.0
97 46.9	42.9 64.3
132 28.4	26.3 39.5

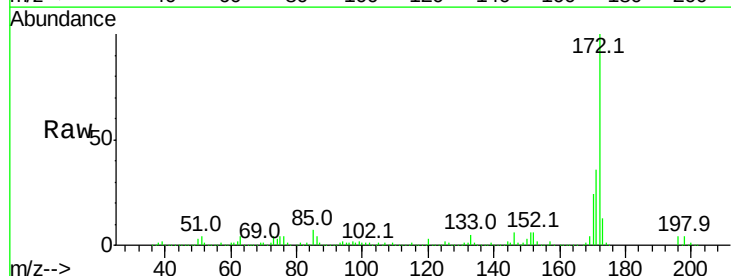


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

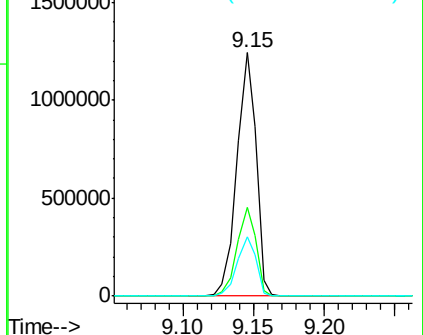
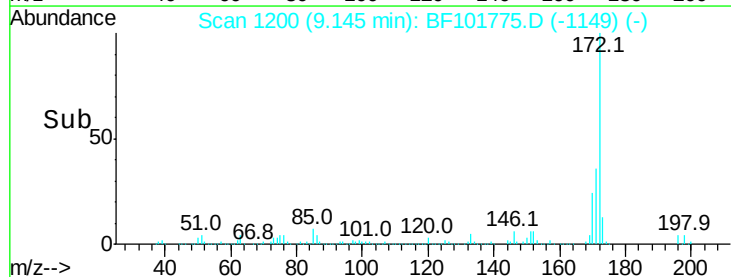


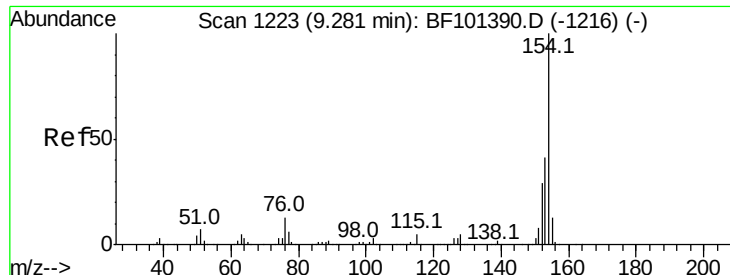
#44
 2-Fluorobiphenyl
 Concen: 73.594 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion	172	Resp: Lower	1181530 Upper
	Ratio		
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 32.284 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampled :

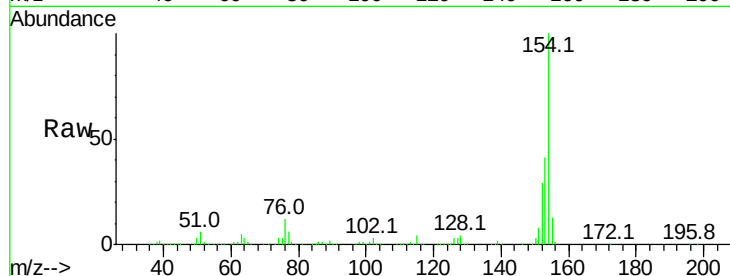
Tot Ion:154 Resp: 713040

Ion Ratio Lower Upper

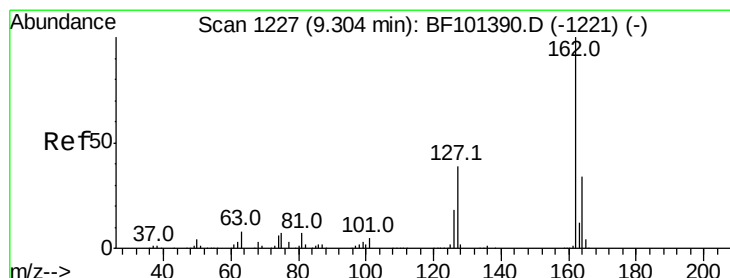
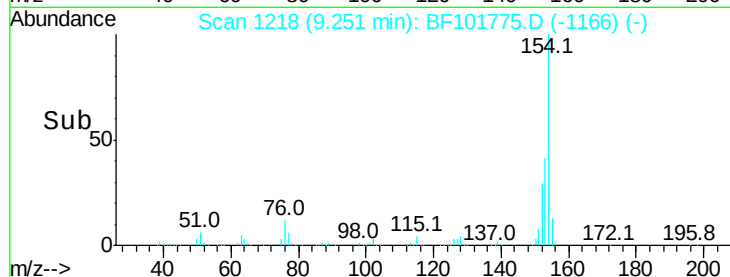
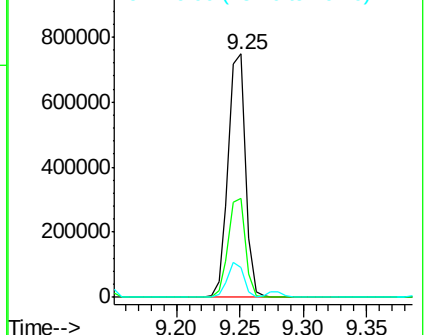
154 100

153 40.9 21.3 61.3

76 12.0 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 30.684 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

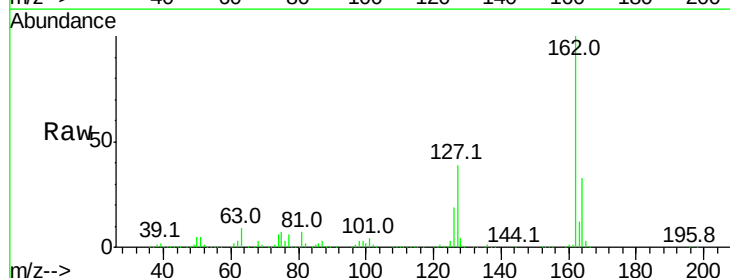
Tgt Ion:162 Resp: 518548

Ion Ratio Lower Upper

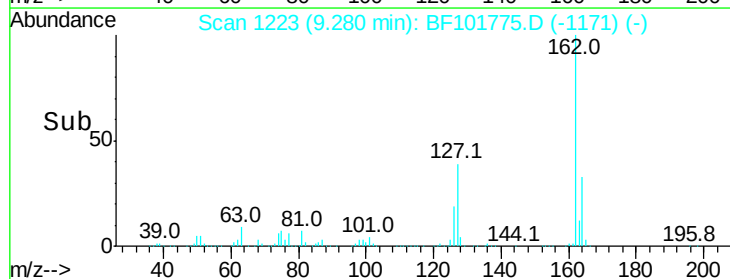
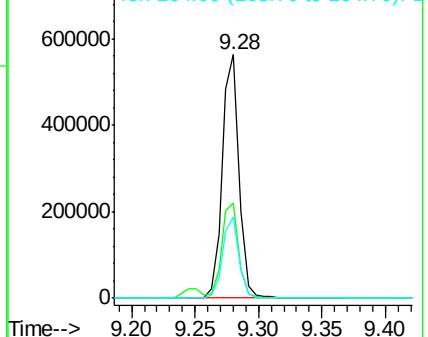
162 100

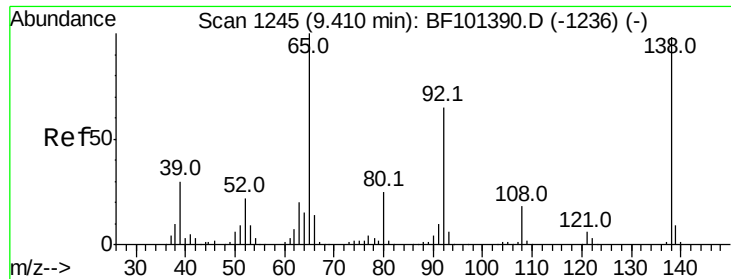
127 39.3 33.9 50.9

164 33.2 26.5 39.7



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

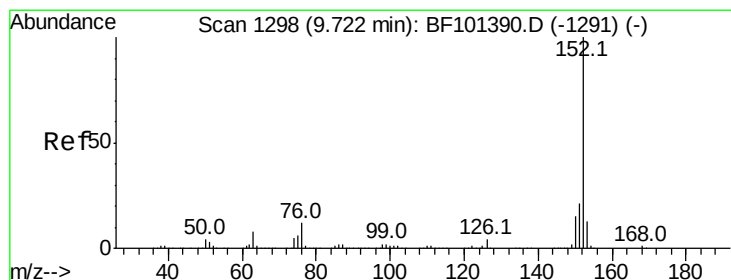
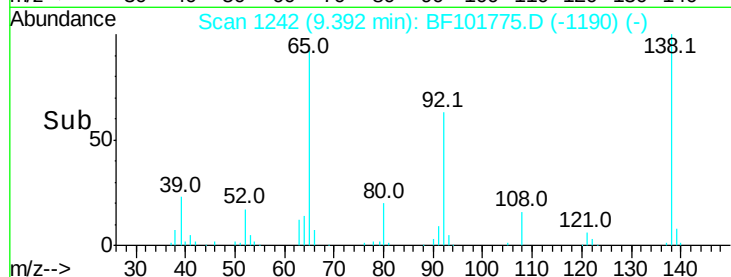
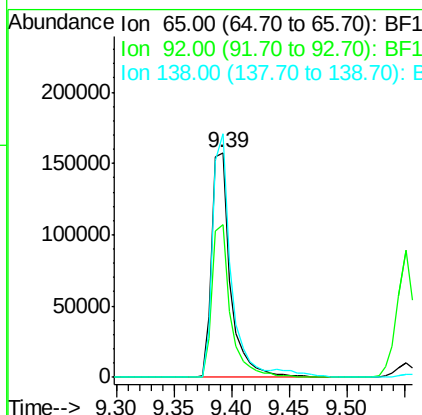
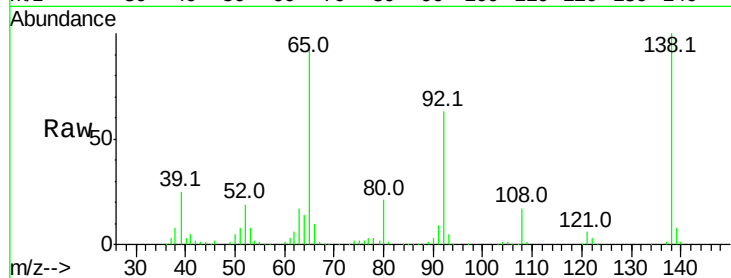




#47
 2-Nitroaniline
 Concen: 30.606 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

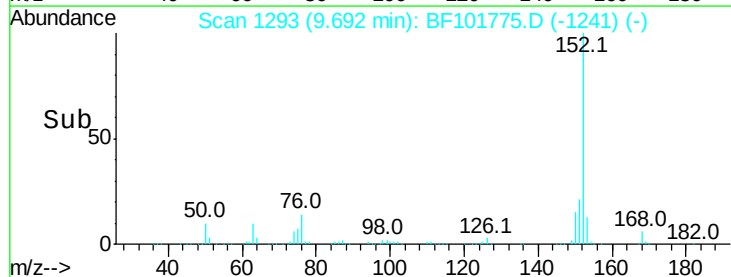
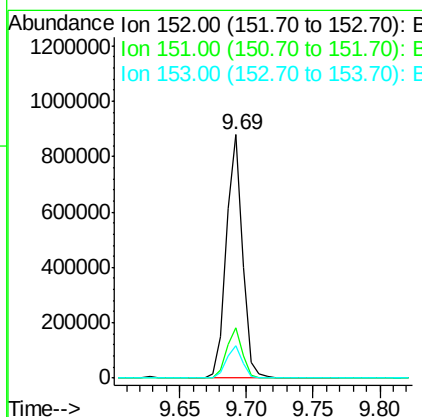
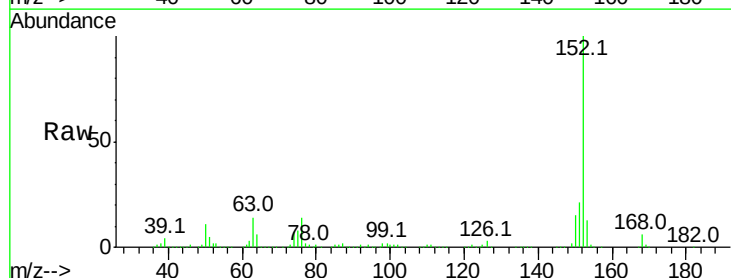
Instrument :
 BNA_F
 ClientSampled :

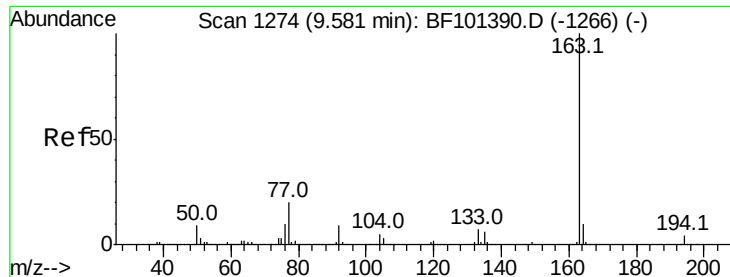
Tot Ion: 65 Resp: 178681
 Ion Ratio Lower Upper
 65 100
 92 67.9 55.8 83.6
 138 108.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 28.292 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion: 152 Resp: 755199
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.3 10.7 16.1

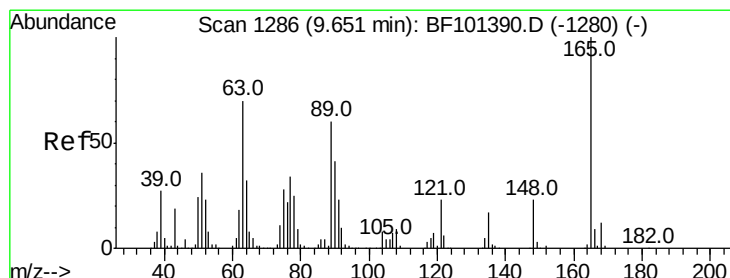
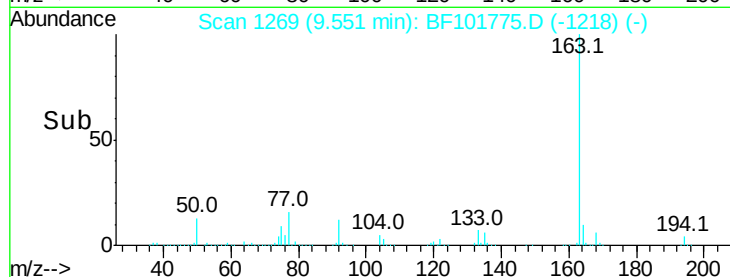
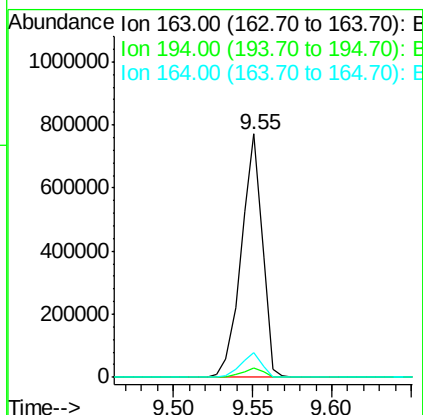
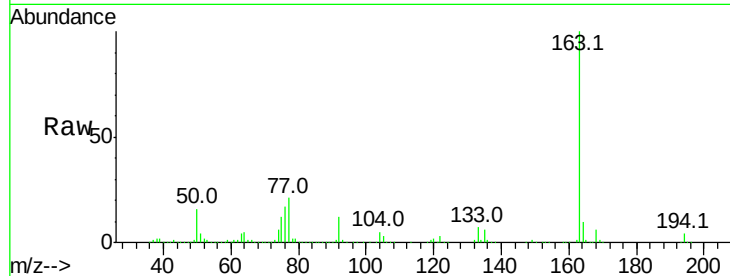




#49
Dimethylphthalate
Concen: 35.268 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

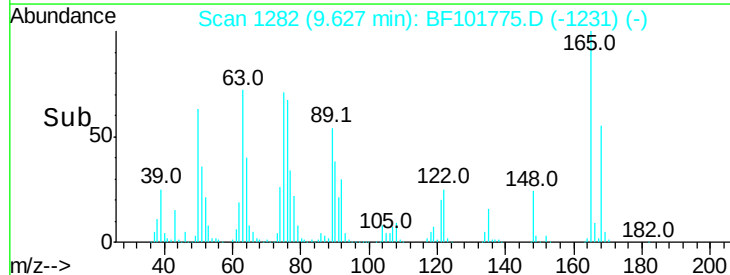
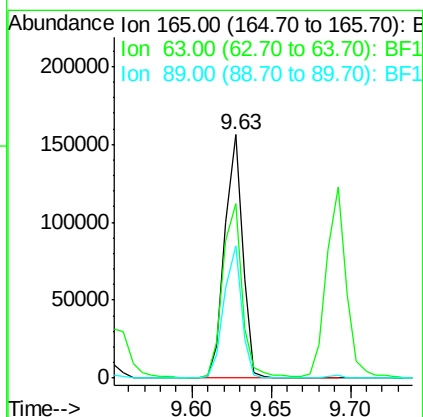
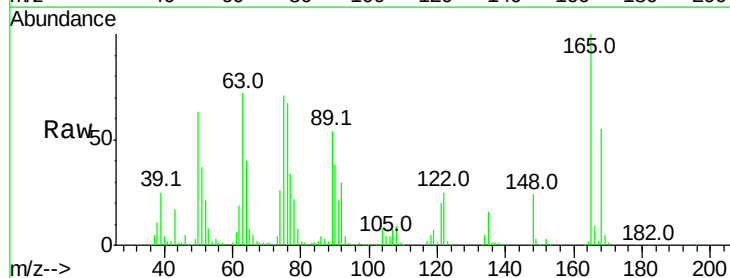
Instrument :
BNA_F
ClientSampleId :

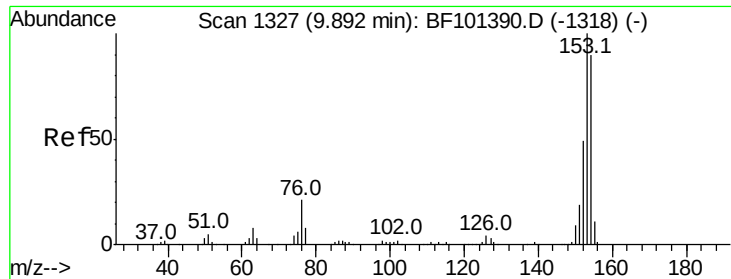
Tot Ion:163 Resp: 706513
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 30.187 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:165 Resp: 122906
Ion Ratio Lower Upper
165 100
63 71.8 44.7 67.1#
89 54.3 44.0 66.0





#51

Acenaphthene

Concen: 28.512 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

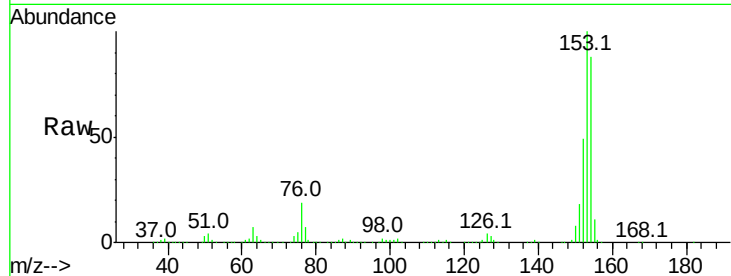
Tot Ion:154 Resp: 457247

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

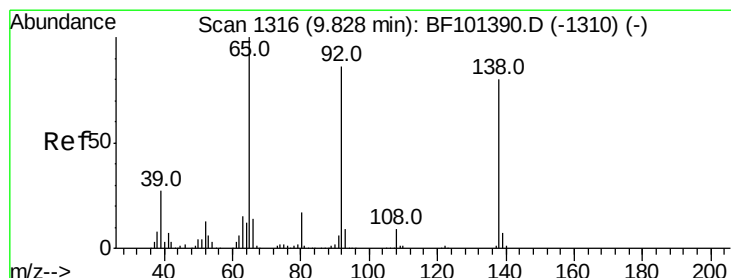
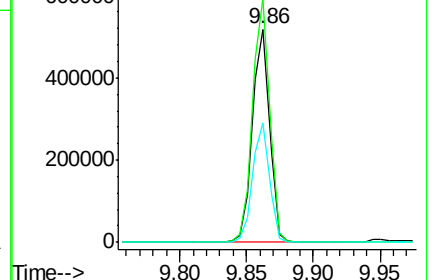
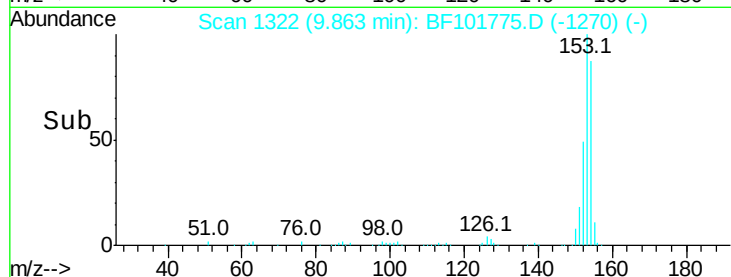
152 56.0 43.8 65.8



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



#52

3-Nitroaniline

Concen: 21.529 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

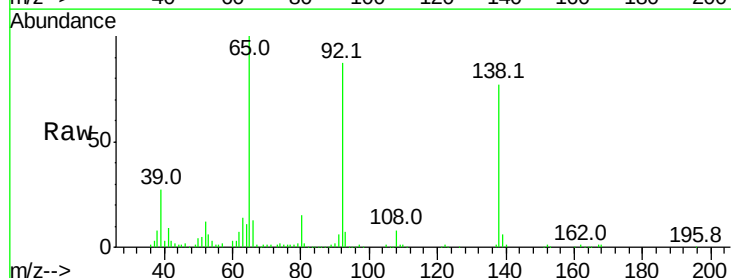
Tgt Ion:138 Resp: 109284

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

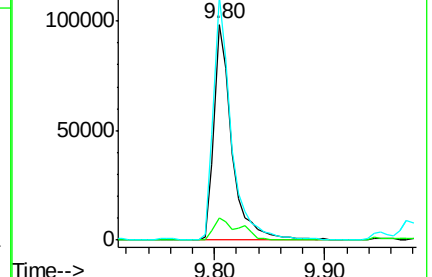
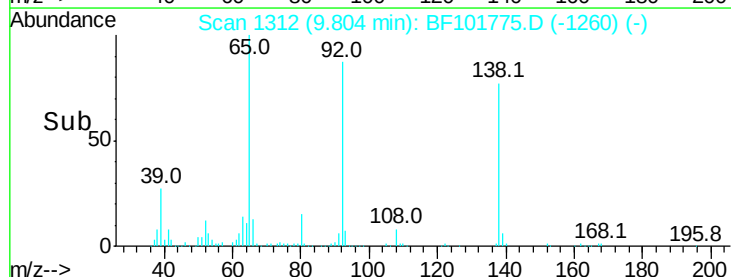
92 112.9 89.4 134.2

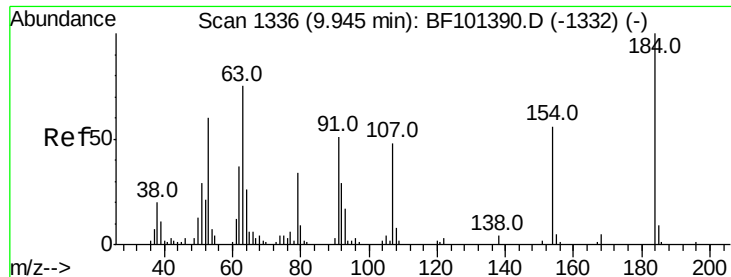


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

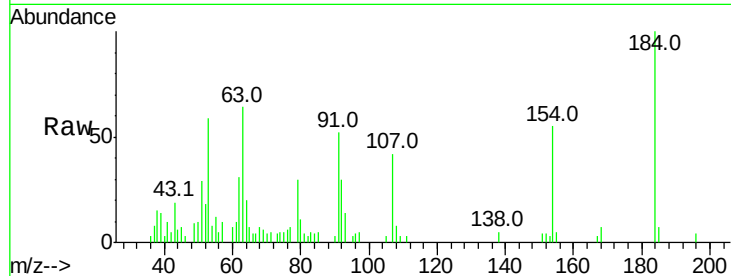




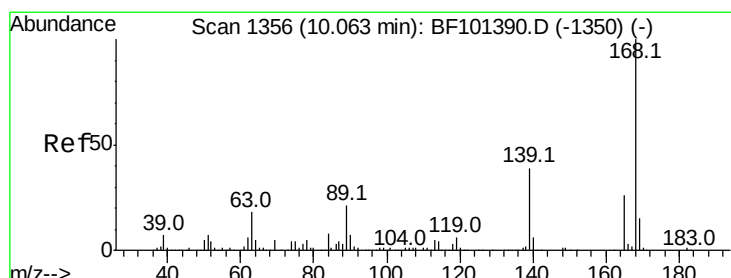
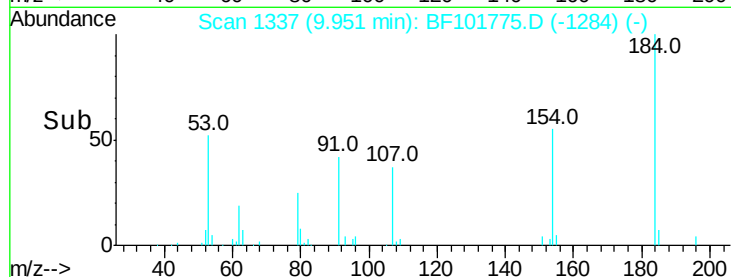
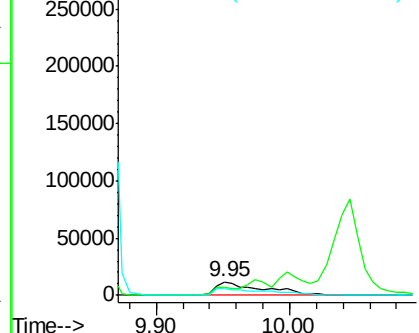
#53
 2,4-Dinitrophenol
 Concen: 28.507 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 29610
 Ion Ratio Lower Upper
 184 100
 63 63.5 54.2 81.2
 154 55.2 184.0 276.0#

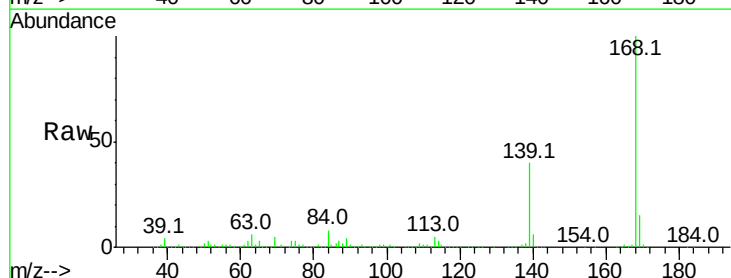


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

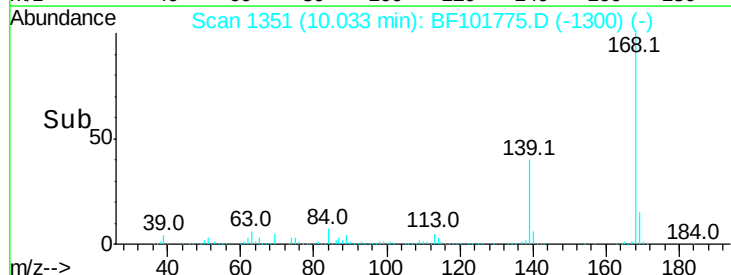
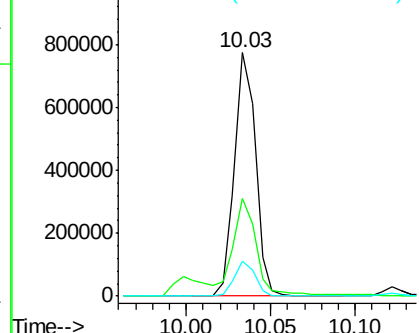


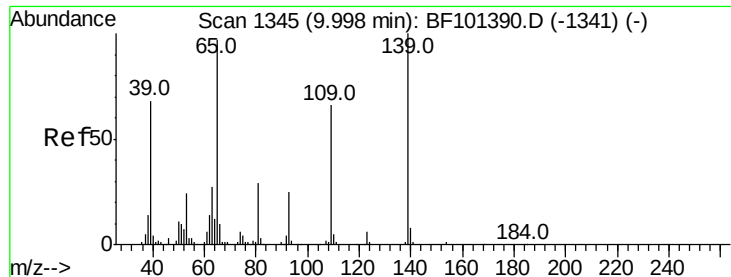
#54
 Dibenzofuran
 Concen: 33.057 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion:168 Resp: 673708
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 14.6 10.9 16.3



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





#55

4-Nitrophenol

Concen: 36.914 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

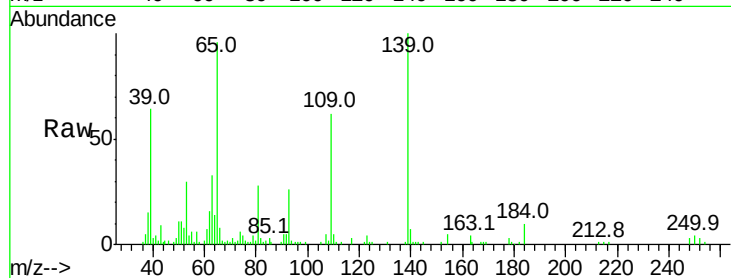
Tot Ion:139 Resp: 81705

Ion Ratio Lower Upper

139 100

109 61.9 48.4 88.4

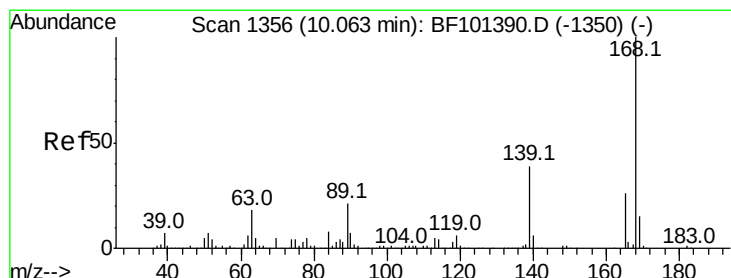
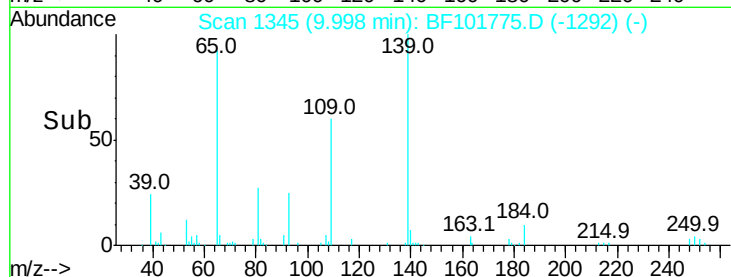
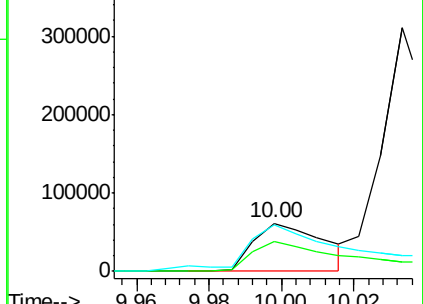
65 96.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 35.216 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Tgt Ion:165 Resp: 161543

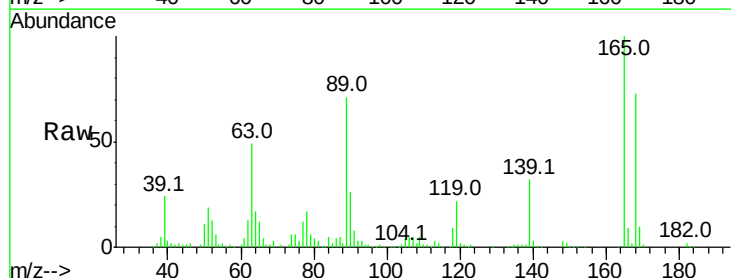
Ion Ratio Lower Upper

165 100

63 49.2 36.4 54.6

89 70.6 57.8 86.6

182 2.3 1.6 2.4

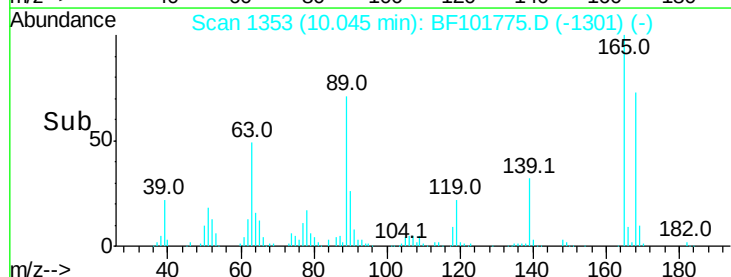
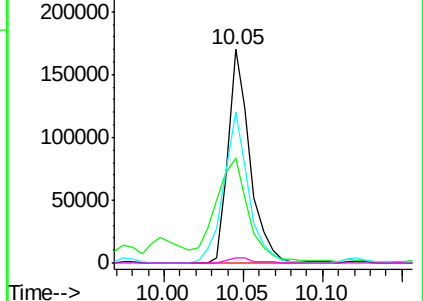


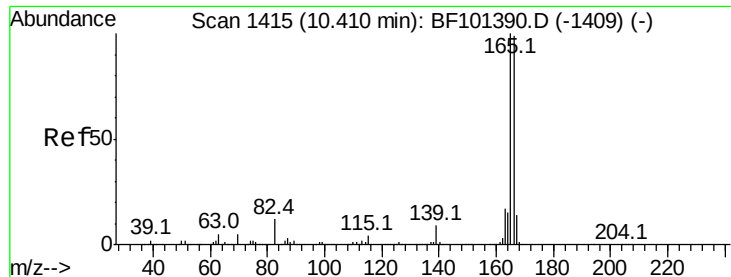
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 30.429 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

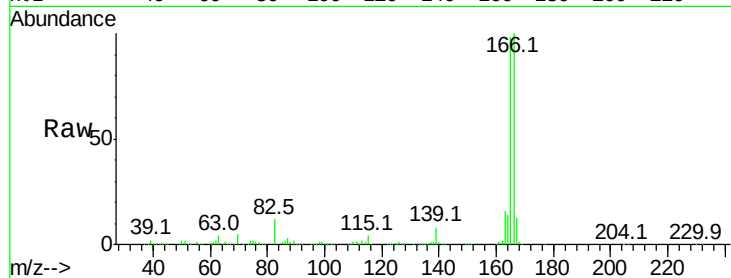
Tot Ion:166 Resp: 524620

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

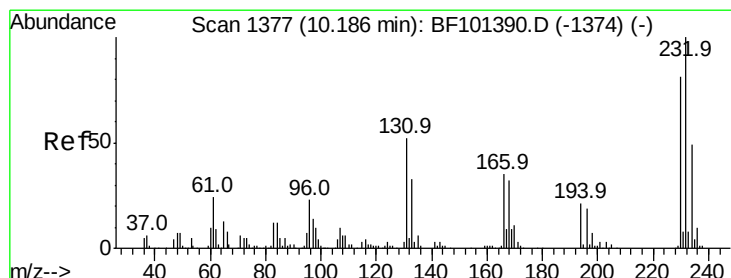
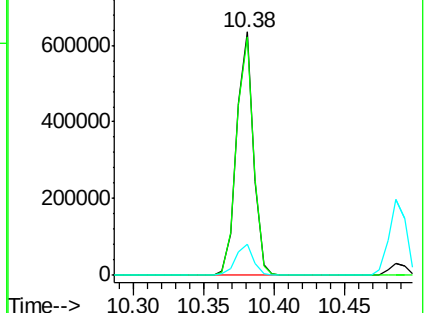
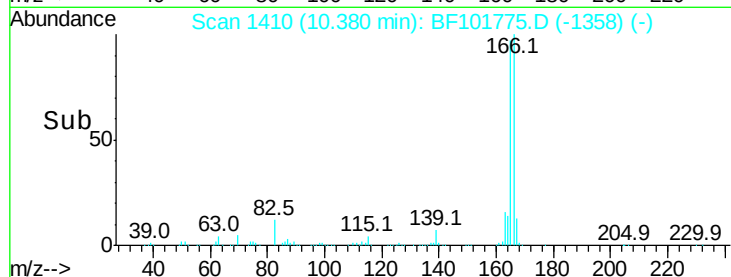
167 13.0 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.925 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Tgt Ion:232 Resp: 131115

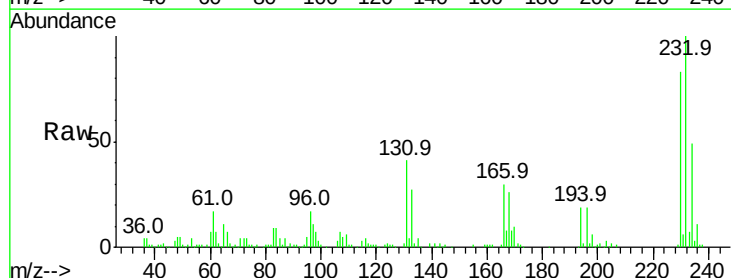
Ion Ratio Lower Upper

232 100

131 46.1 43.8 65.8

130 2.2 2.1 3.1

166 29.0 27.8 41.6

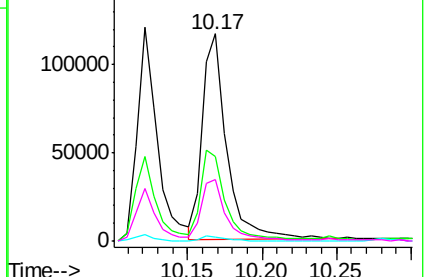
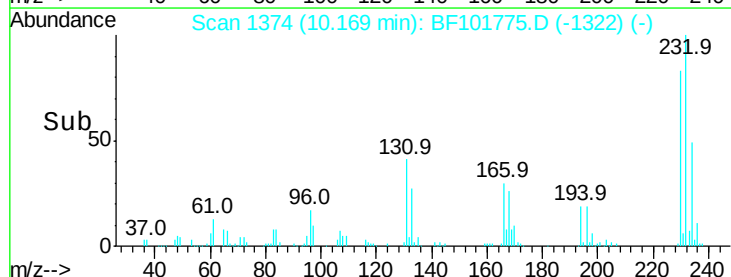


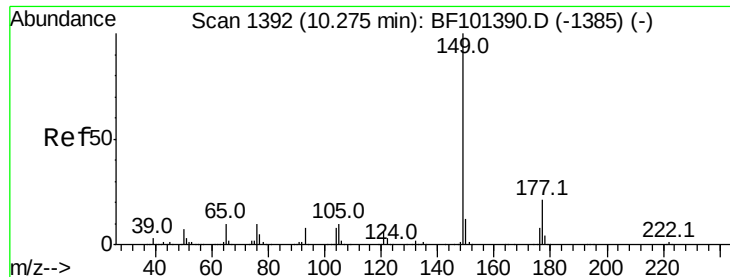
Abundance Ion 232.00 (231.70 to 232.70): E

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

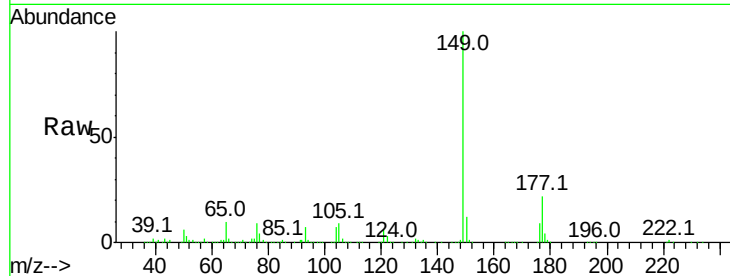




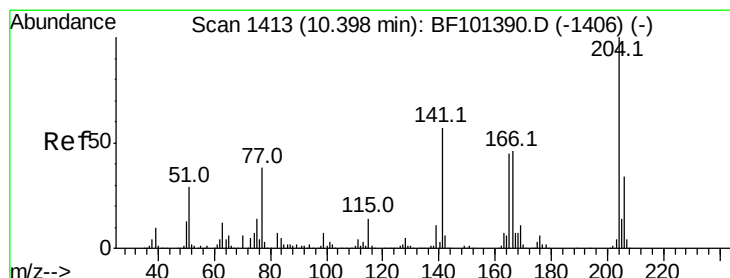
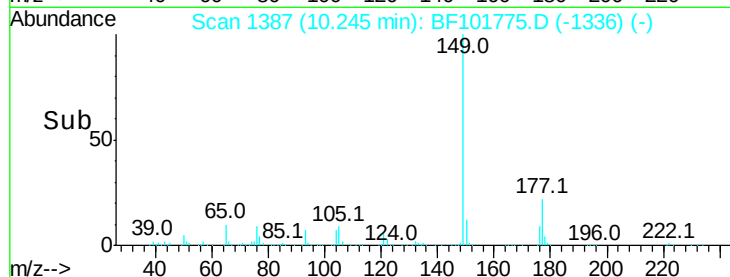
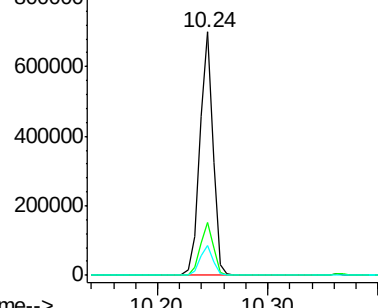
#59
Diethylphthalate
Concen: 29.424 ng
RT: 10.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.1	10.1	15.1

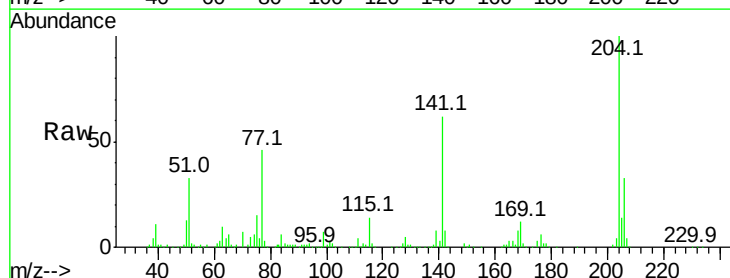


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

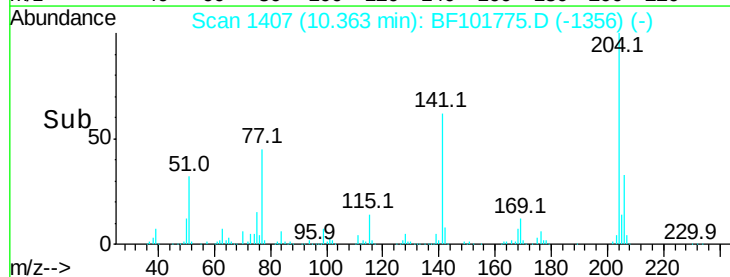
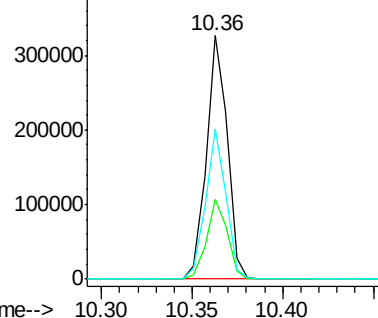


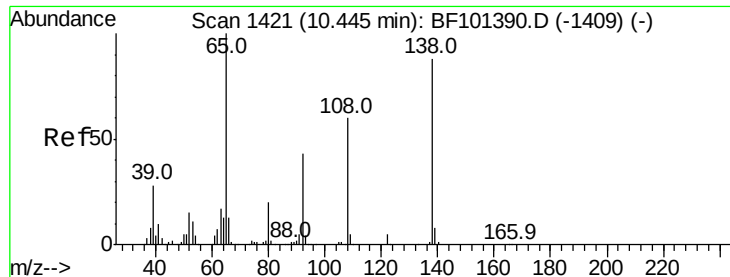
#60
4-Chlorophenyl-phenylether
Concen: 31.718 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	61.9	54.6	81.8



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





#61

4-Nitroaniline

Concen: 21.747 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

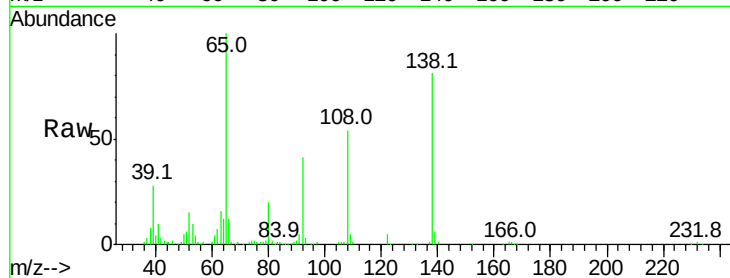
Tot Ion:138 Resp: 110960

Ion Ratio Lower Upper

138 100

92 50.9 30.2 70.2

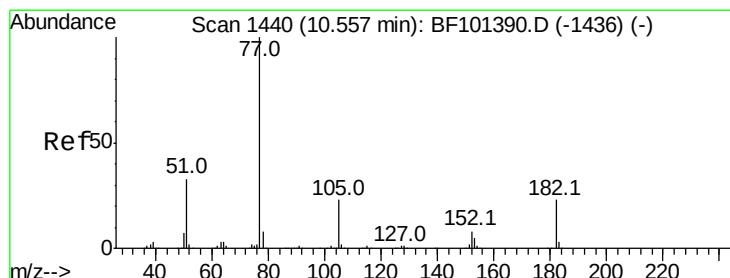
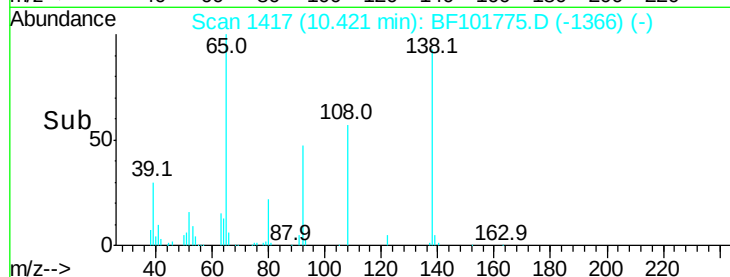
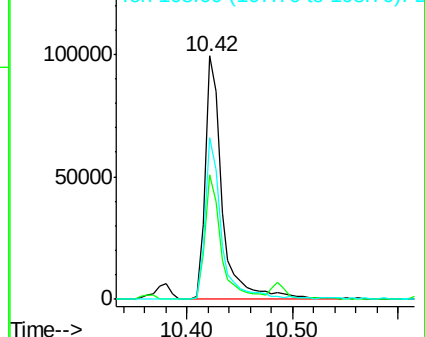
108 66.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 27.611 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Tgt Ion: 77 Resp: 567424

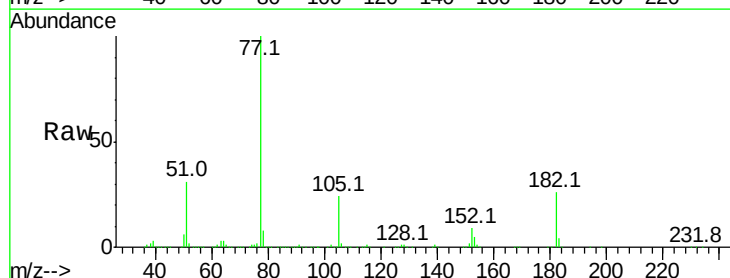
Ion Ratio Lower Upper

77 100

182 26.0 1.7 41.7

105 24.4 3.0 43.0

51 30.9 9.9 49.9

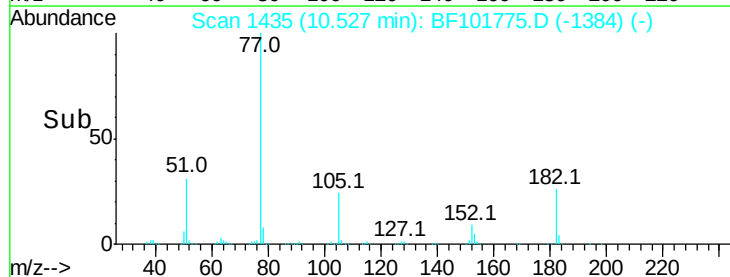
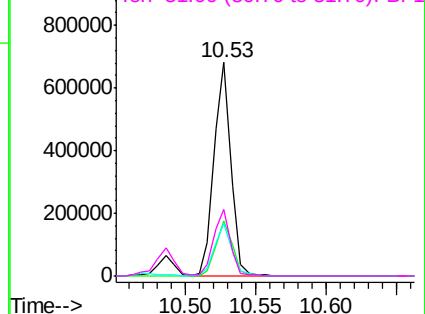


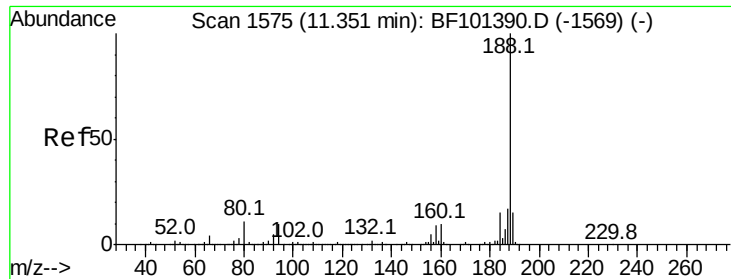
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

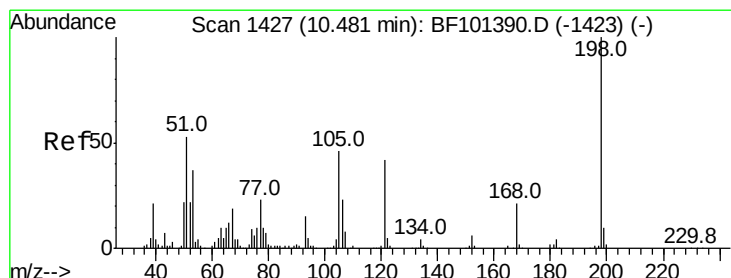
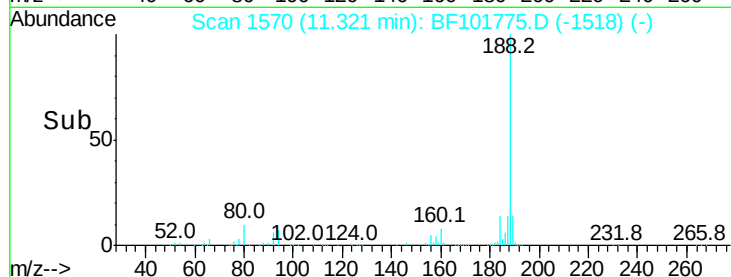
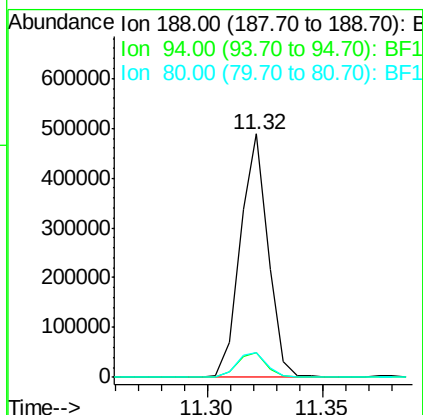
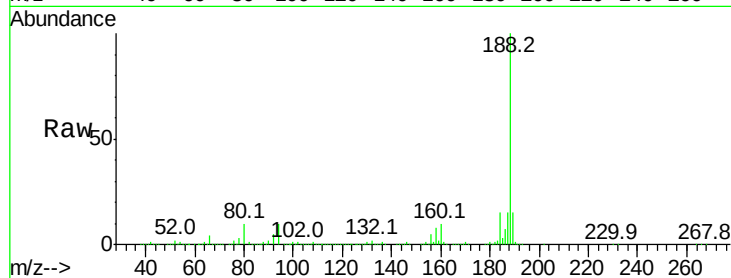




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

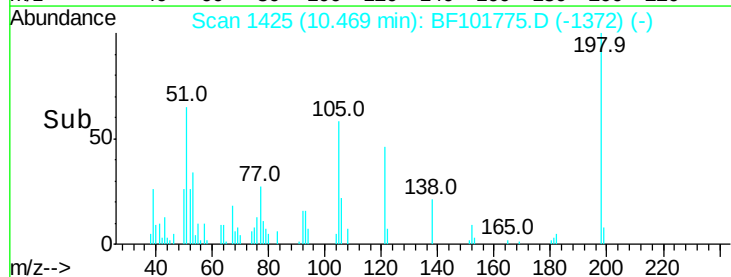
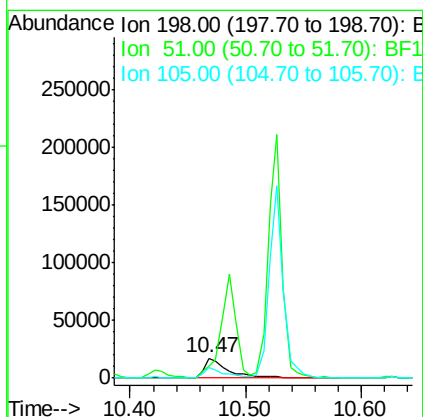
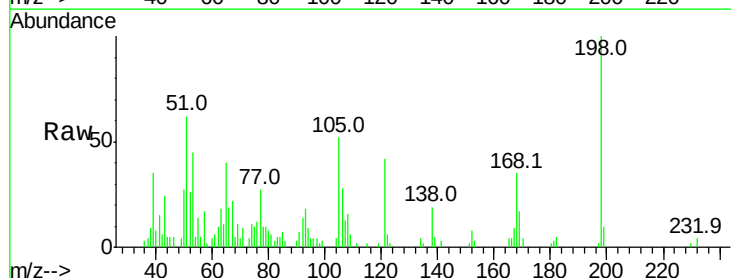
Instrument :
BNA_F
ClientSampleId :

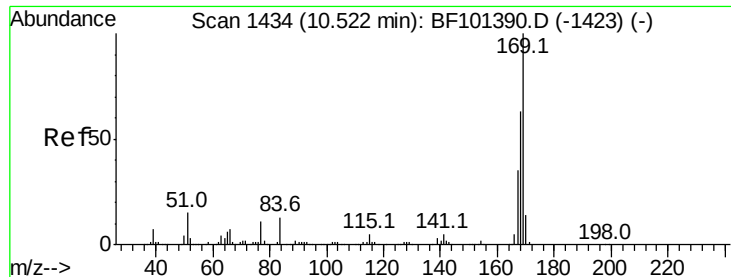
Tot Ion:188 Resp: 408407
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 12.005 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:198 Resp: 25021
Ion Ratio Lower Upper
198 100
51 62.3 37.7 77.7
105 52.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 31.836 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

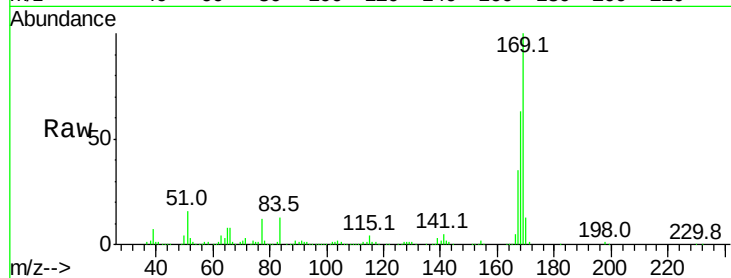
Tot Ion:169 Resp: 480090

Ion Ratio Lower Upper

169 100

168 63.1 54.4 81.6

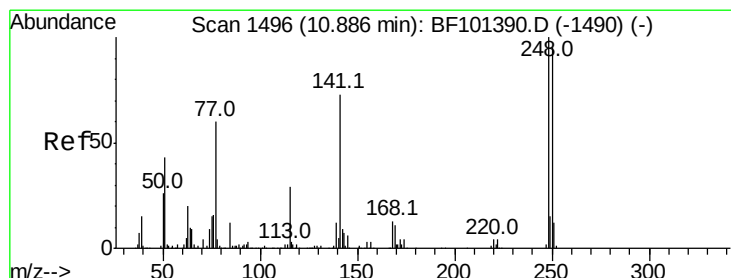
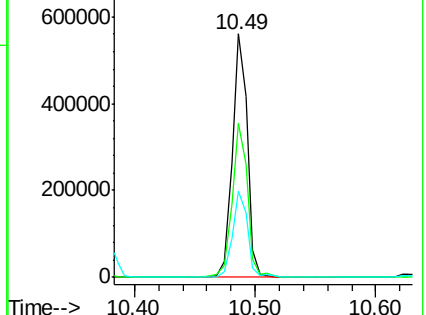
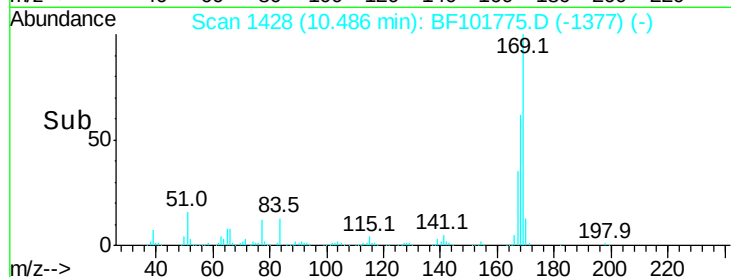
167 35.4 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 34.450 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

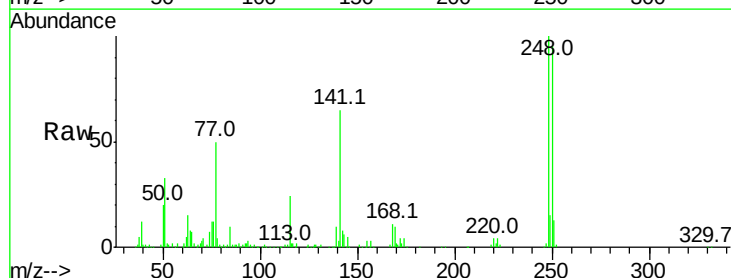
Tgt Ion:248 Resp: 158089

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

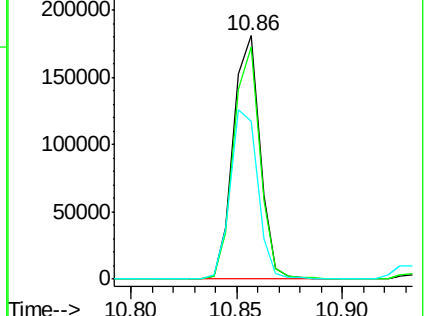
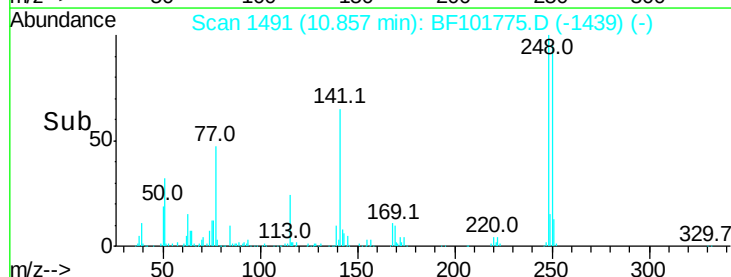
141 64.9 74.4 111.6#

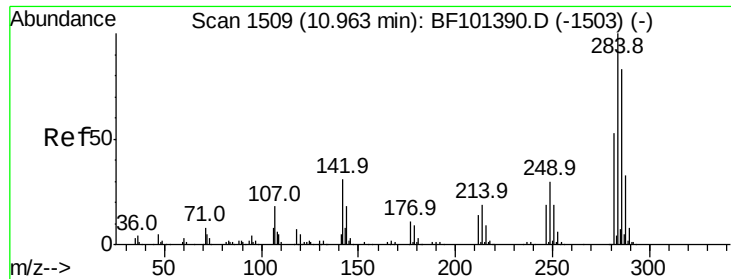


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

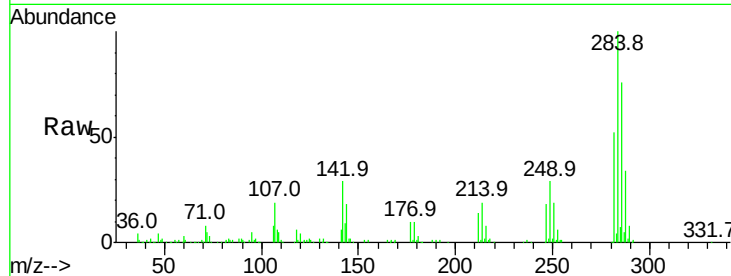




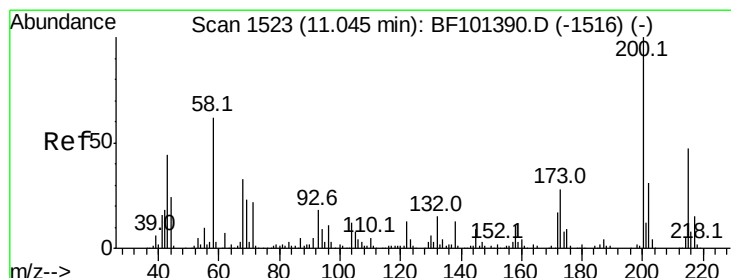
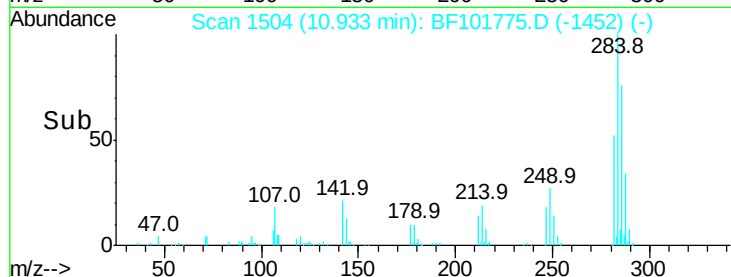
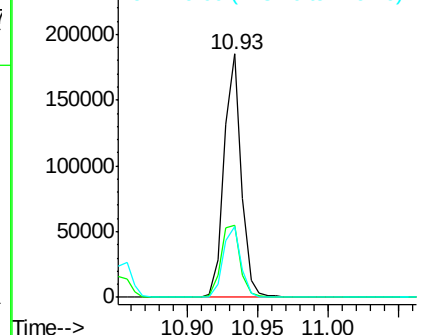
#67
Hexachlorobenzene
Concen: 32.286 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.4	34.6	52.0#
249	29.1	24.8	37.2

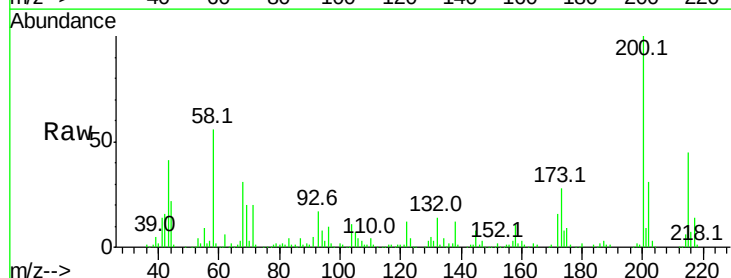


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

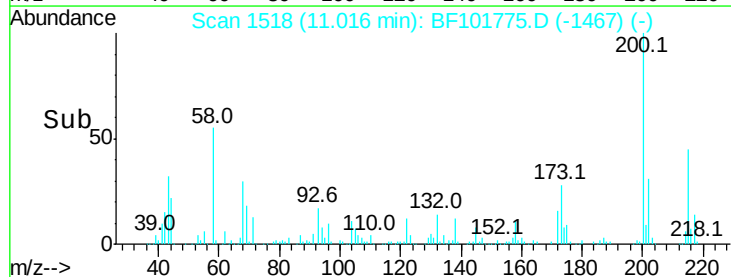
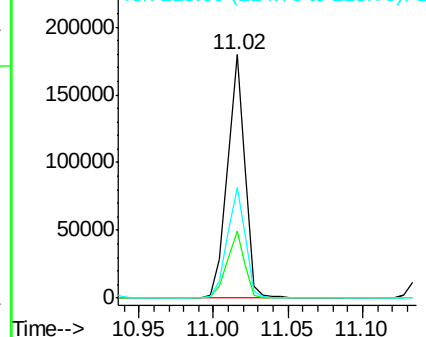


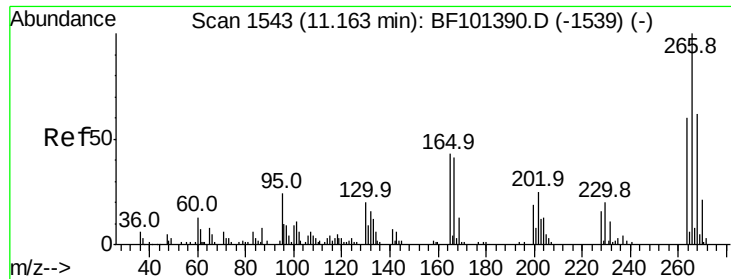
#68
Atrazine
Concen: 33.548 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.6	48.6
215	45.5	25.1	65.1



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

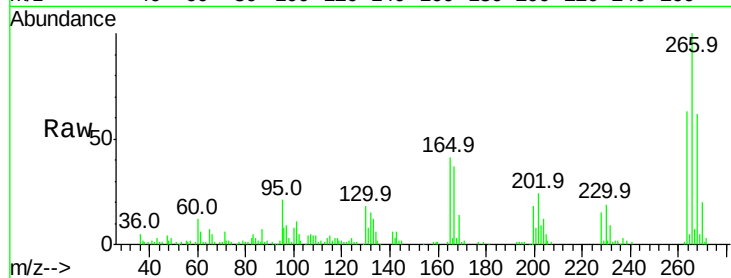




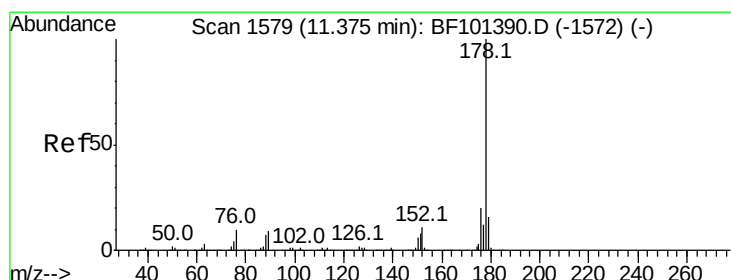
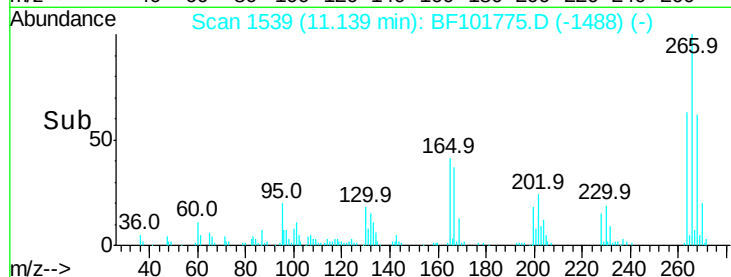
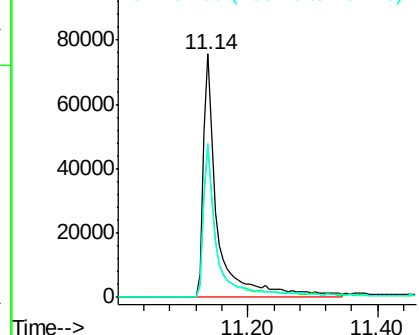
#69
 Pentachlorophenol
 Concen: 63.037 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	63.0	49.5	74.3

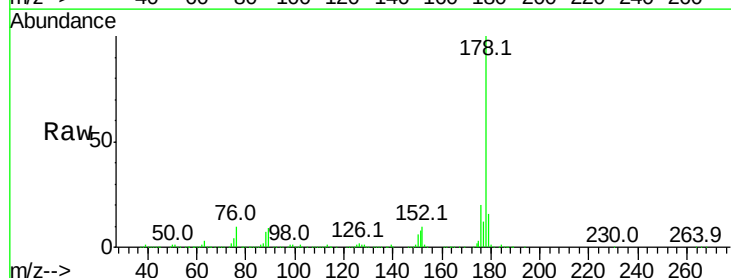


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

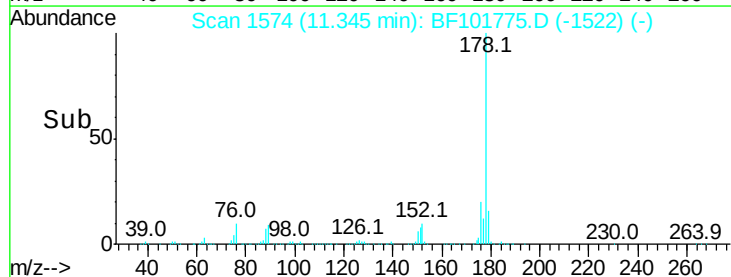
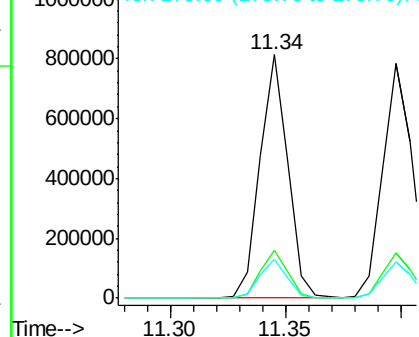


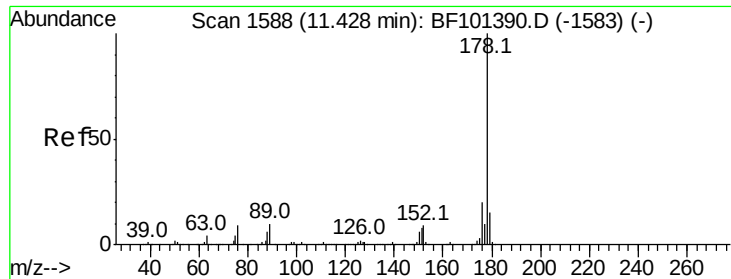
#70
 Phenanthrene
 Concen: 30.321 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.8	13.0	19.6



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

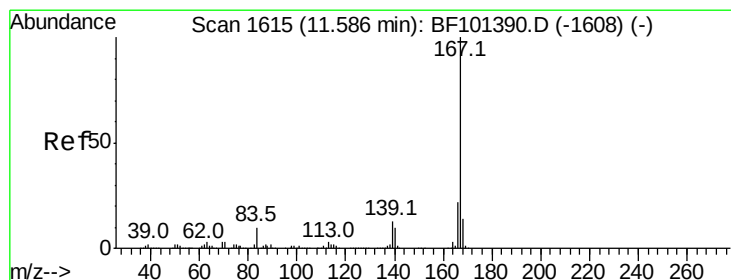
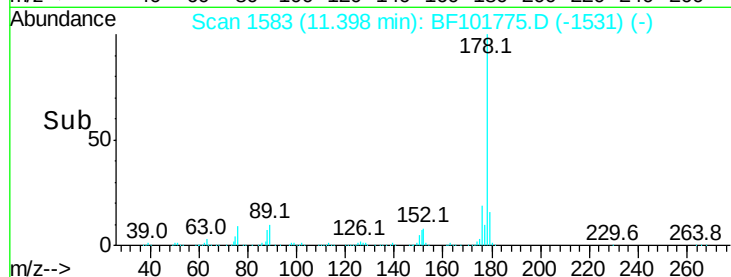
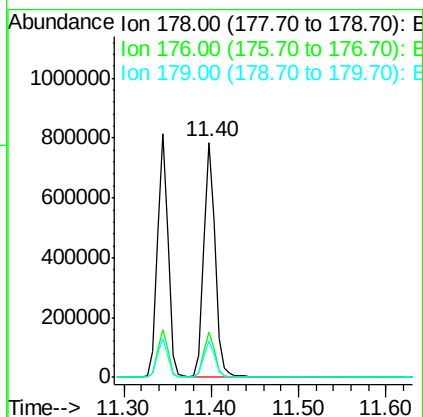
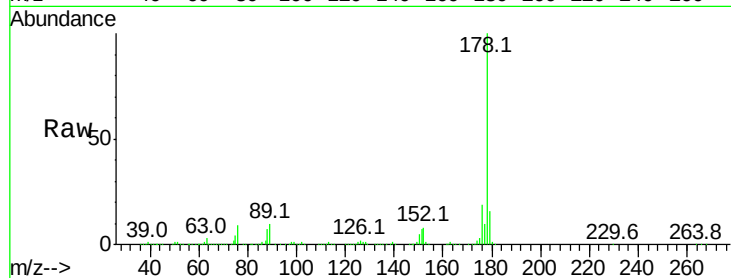




#71
 Anthracene
 Concen: 30.970 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

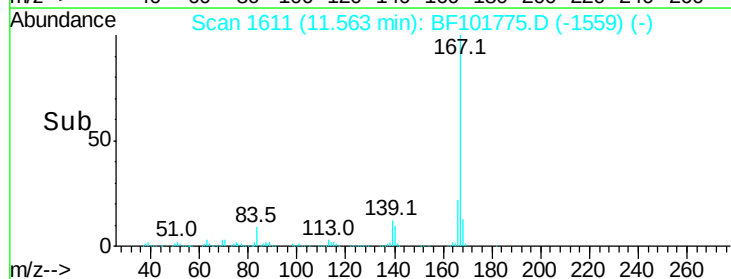
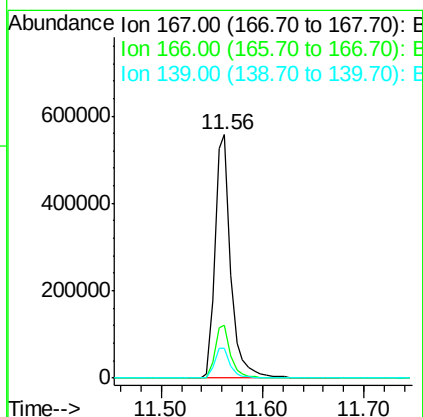
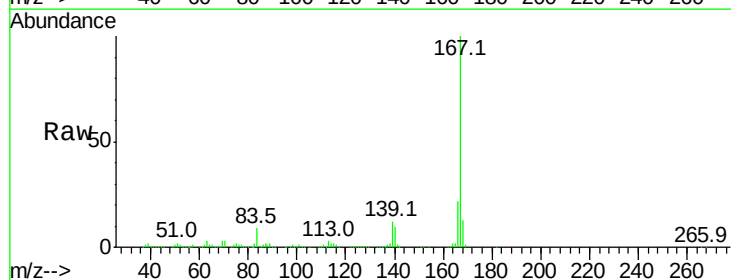
Instrument :
 BNA_F
 ClientSampleId :

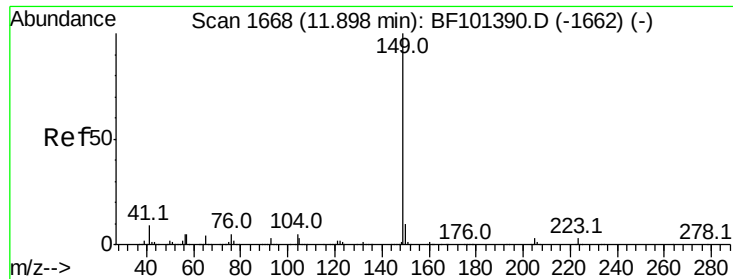
Tot Ion:178 Resp: 718500
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 27.583 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion:167 Resp: 599137
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.377 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

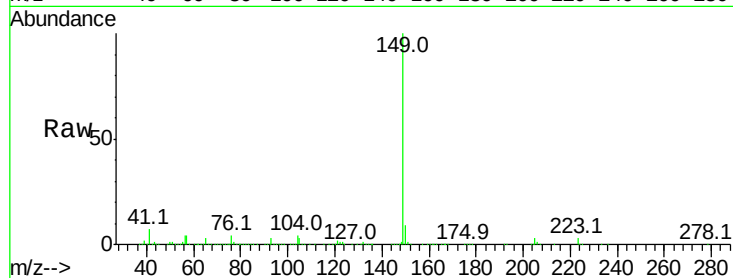
Tot Ion:149 Resp: 853572

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

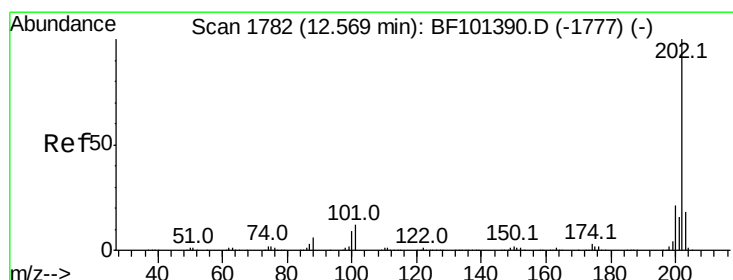
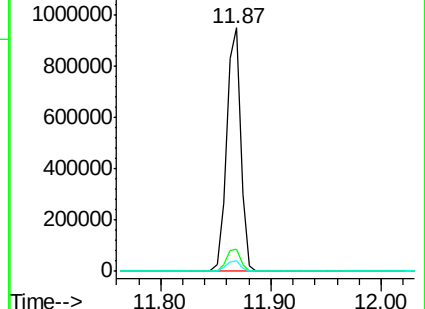
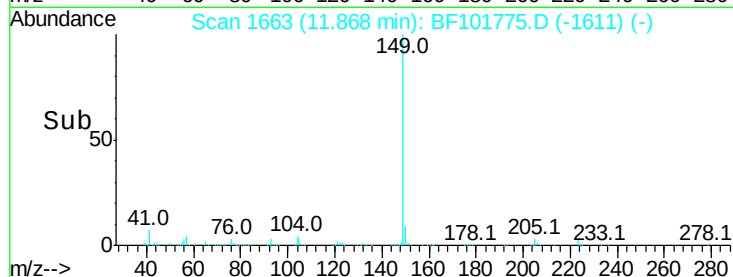
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.375 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

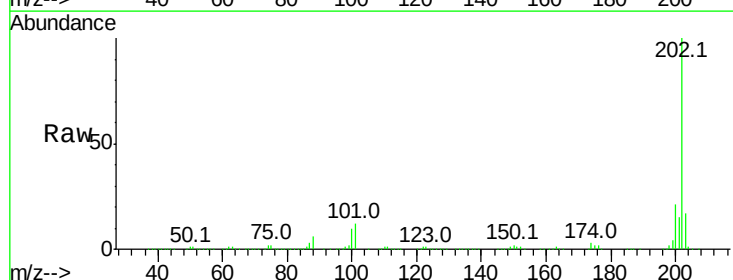
Tgt Ion:202 Resp: 652602

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

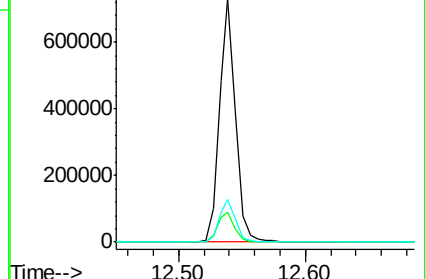
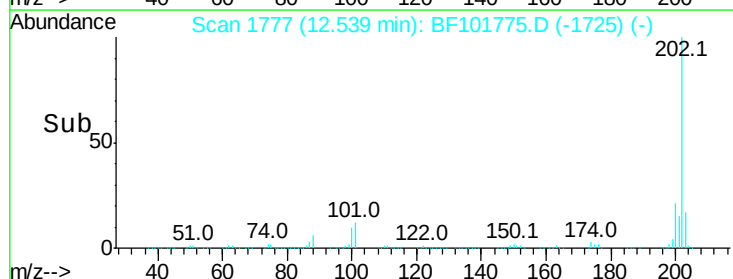
203 17.4 0.0 38.1

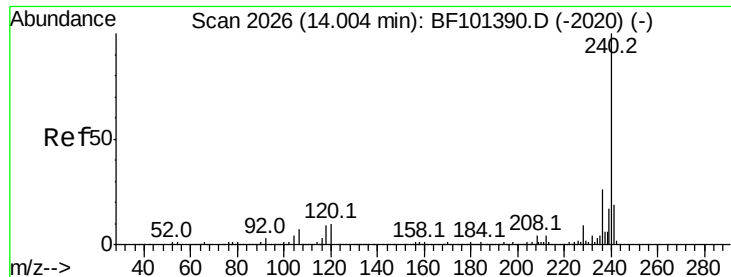


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

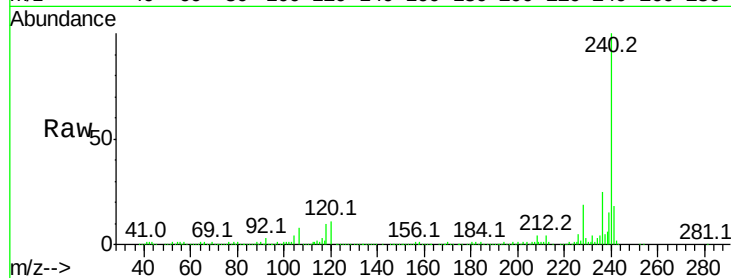
Tot Ion:240 Resp: 285265

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

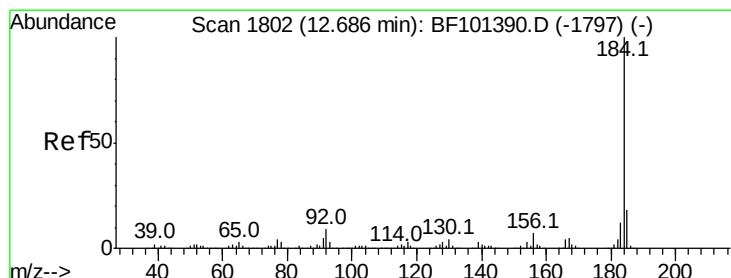
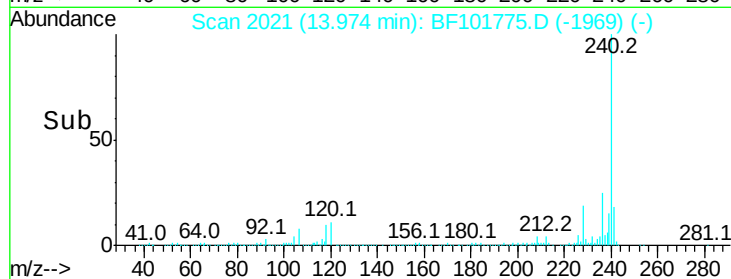
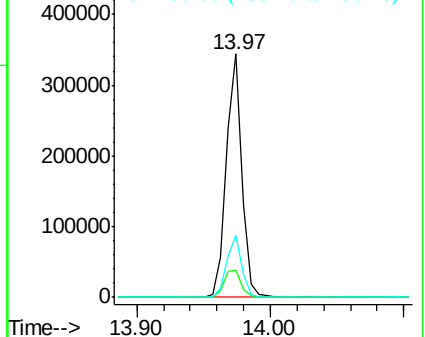
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.246 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

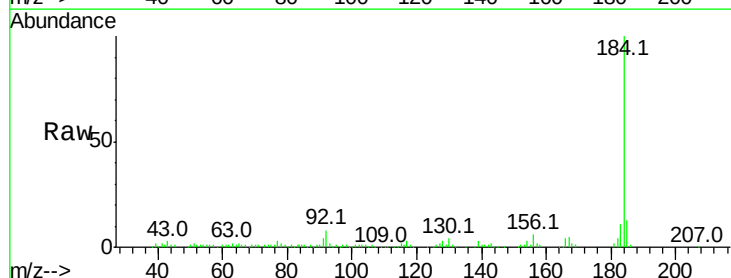
Tgt Ion:184 Resp: 171640

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

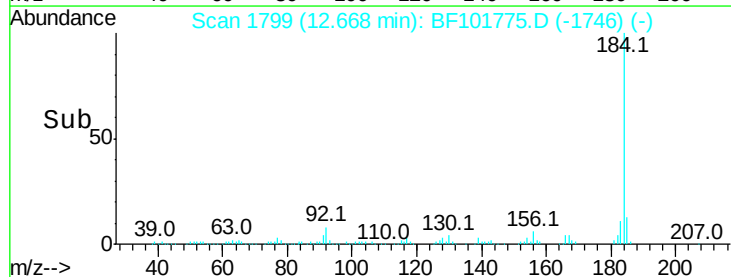
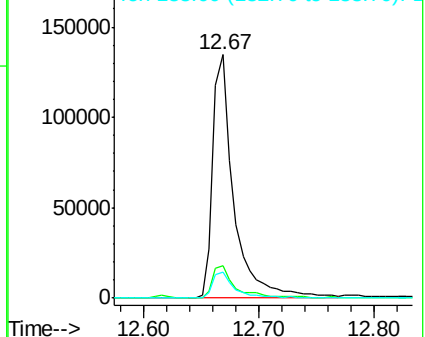
183 10.6 9.3 13.9

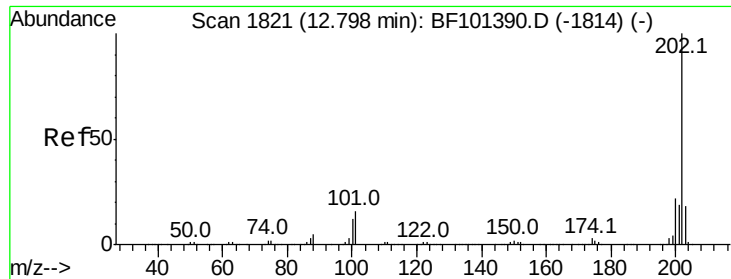


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

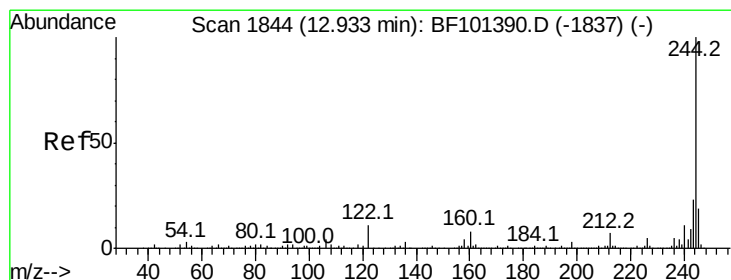
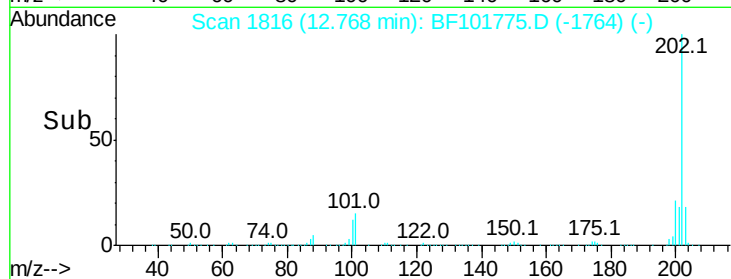
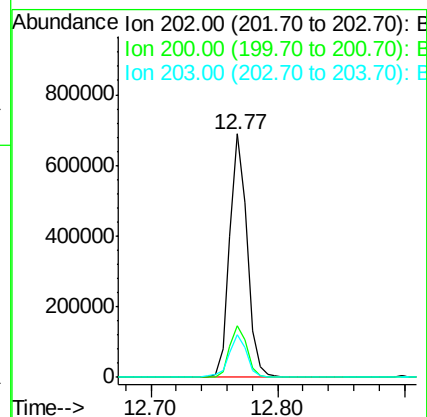
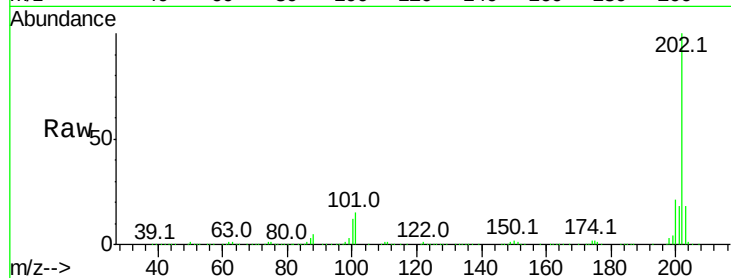




#77
Pvrene
Concen: 30.737 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

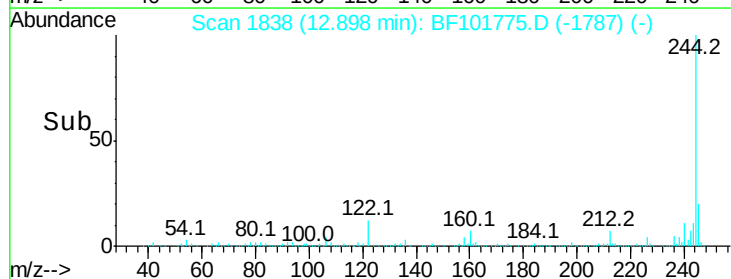
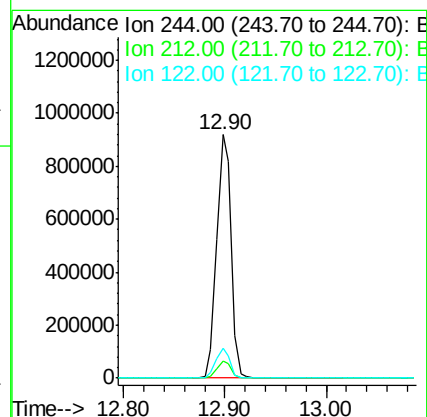
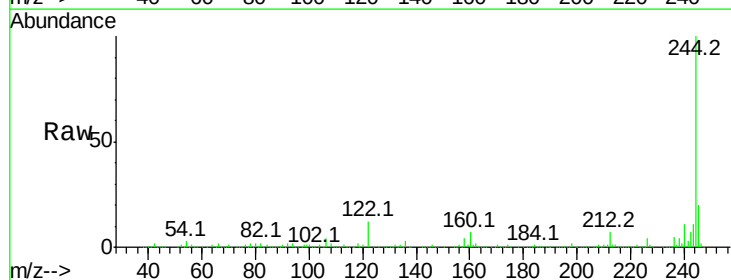
Instrument :
BNA_F
ClientSampled :

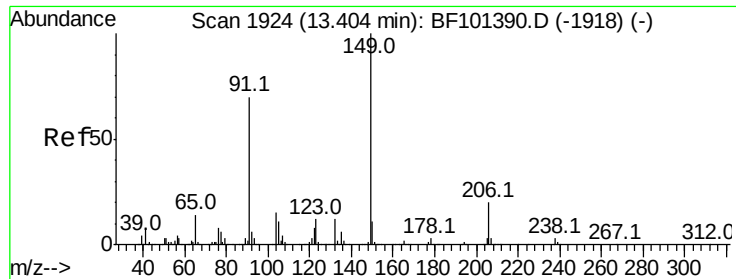
Tot Ion:202 Resp: 658056
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 76.770 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:244 Resp: 908415
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 12.4 11.0 16.4

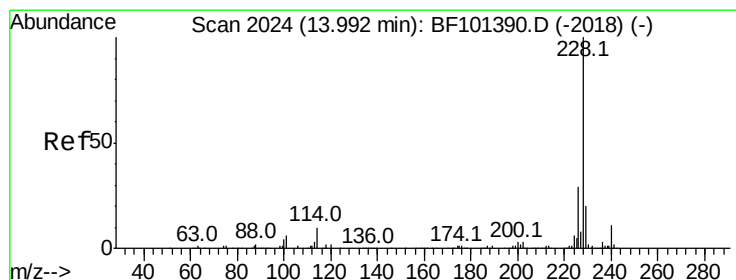
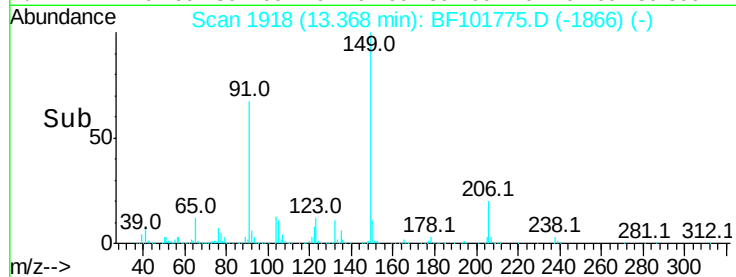
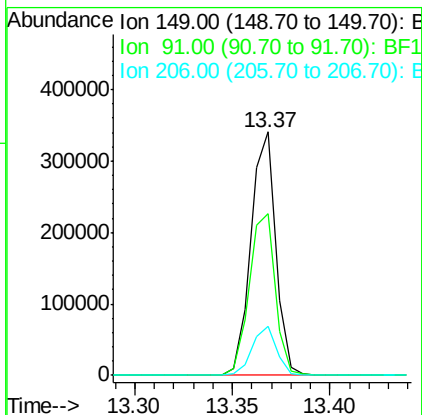
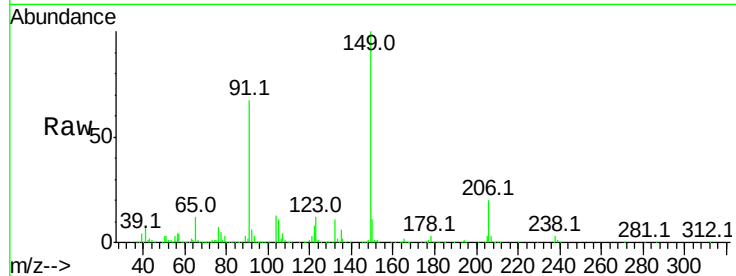




#79
Butylbenzylphthalate
Concen: 31.117 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

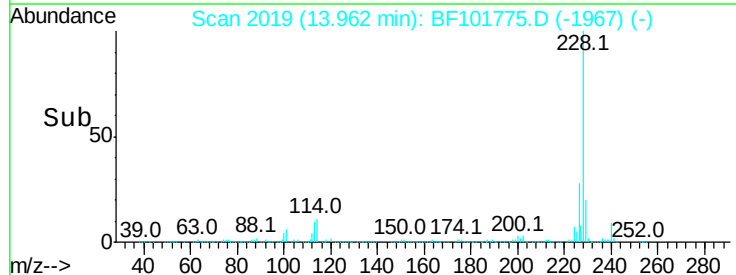
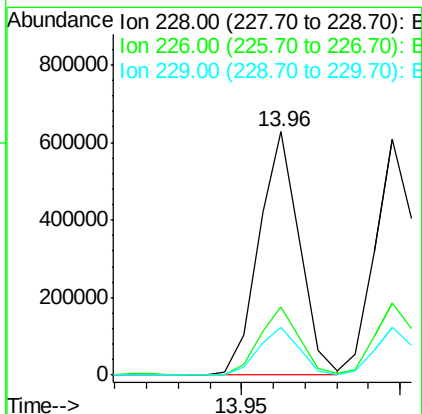
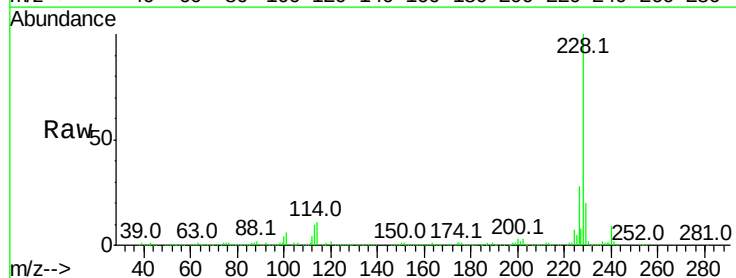
Instrument :
BNA_F
ClientSampleId :

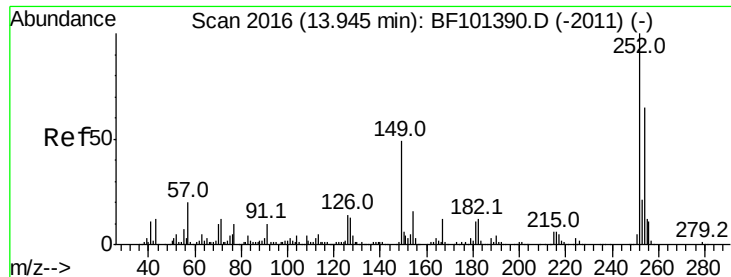
Tot Ion:149 Resp: 301432
Ion Ratio Lower Upper
149 100
91 66.6 56.8 85.2
206 20.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 29.496 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:228 Resp: 555610
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.8 15.8 23.6

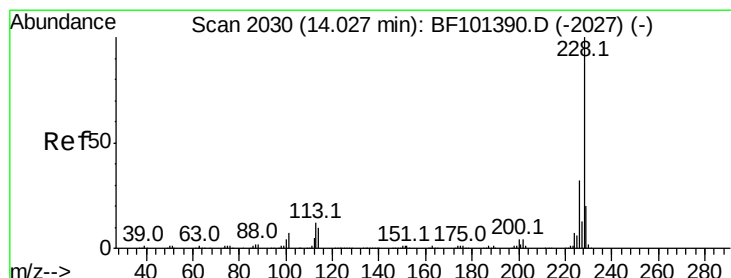
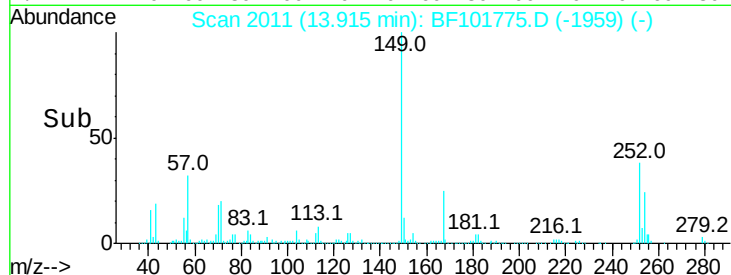
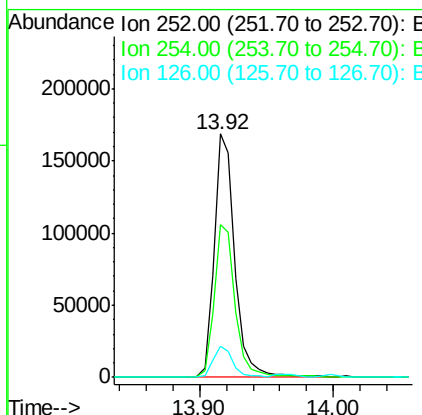
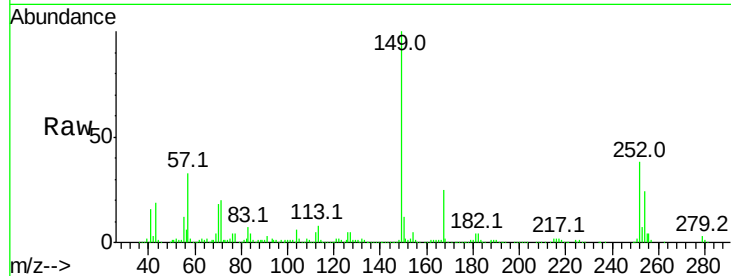




#81
 3,3'-Dichlorobenzidine
 Concen: 29.878 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

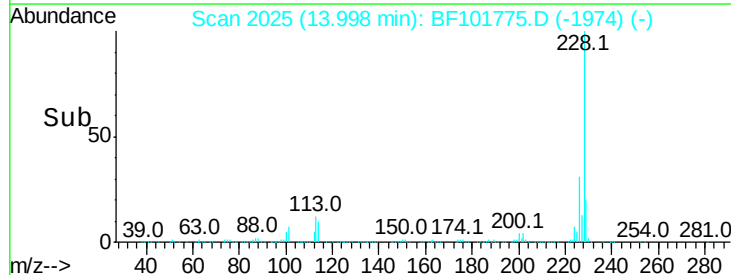
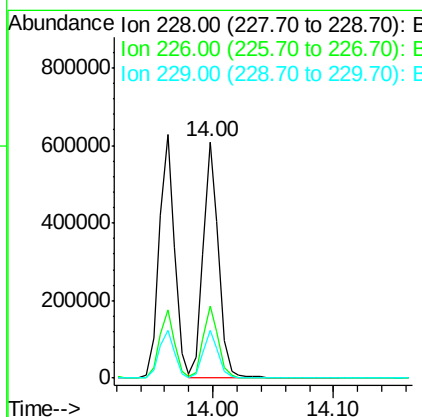
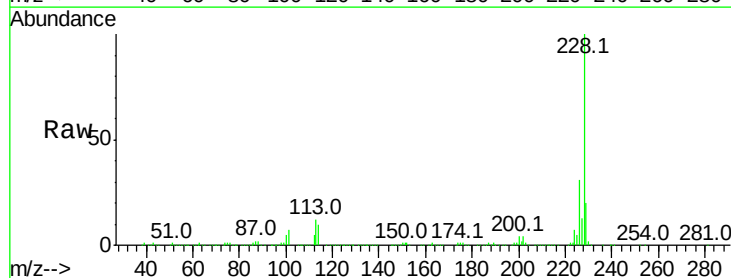
Instrument :
 BNA_F
 ClientSampleId :

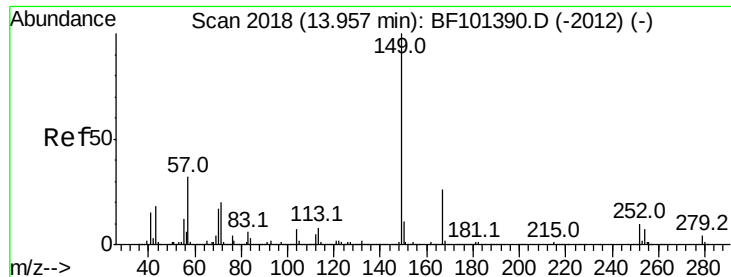
Tot Ion:252 Resp: 183510
 Ion Ratio Lower Upper
 252 100
 254 62.7 50.4 75.6
 126 12.9 11.3 16.9



#82
 Chrysene
 Concen: 30.279 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion:228 Resp: 538522
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.646 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

Instrument :

BNA_F

ClientSampleId :

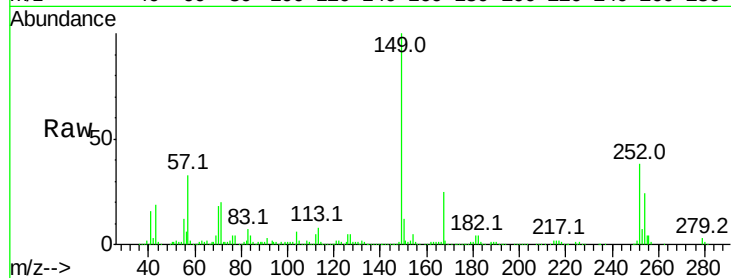
Tot Ion:149 Resp: 400567

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

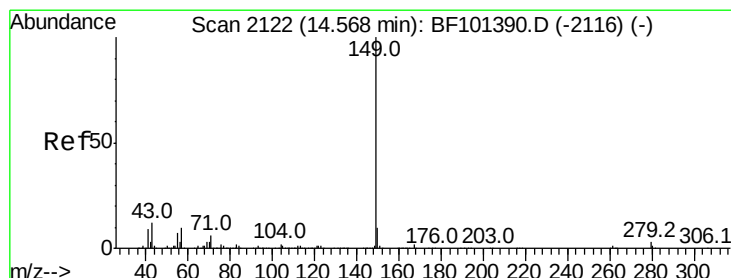
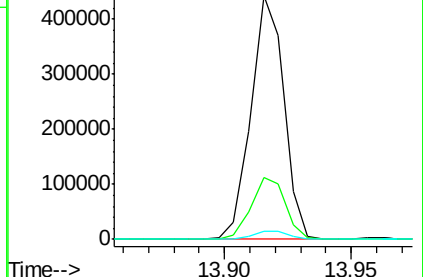
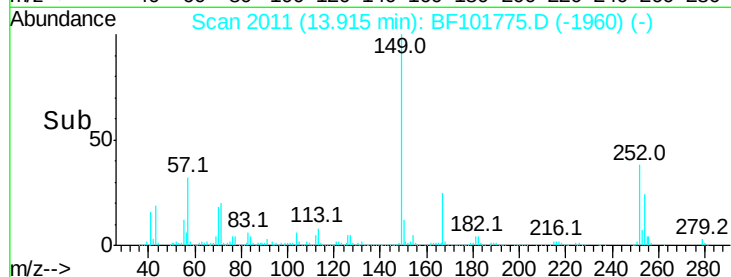
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.533 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BF101775.D

Acq: 27 Dec 2017 21:02

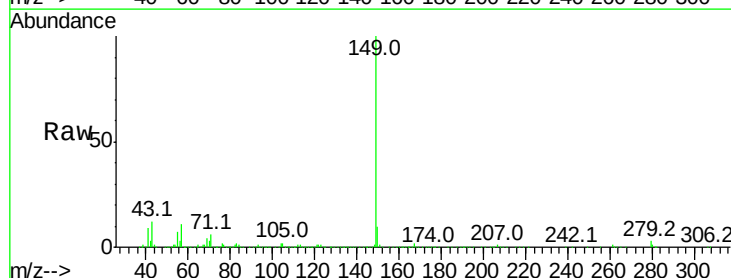
Tgt Ion:149 Resp: 690013

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

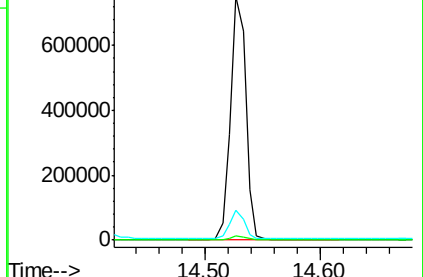
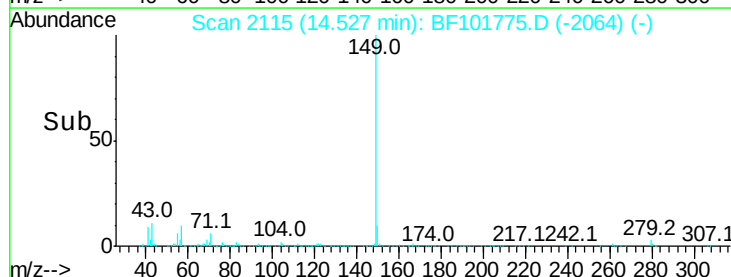
43 11.3 8.4 12.6

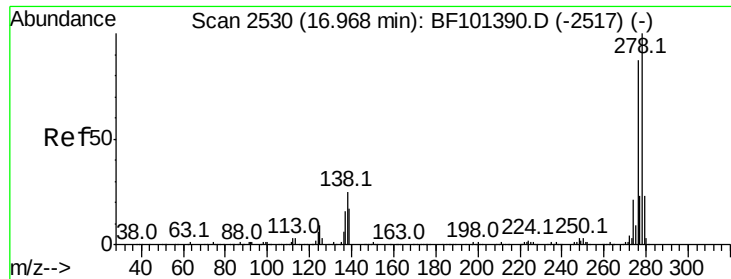


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

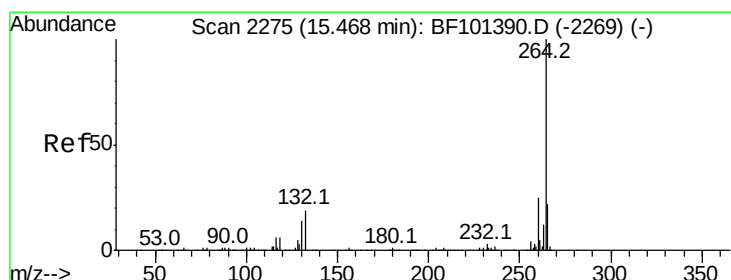
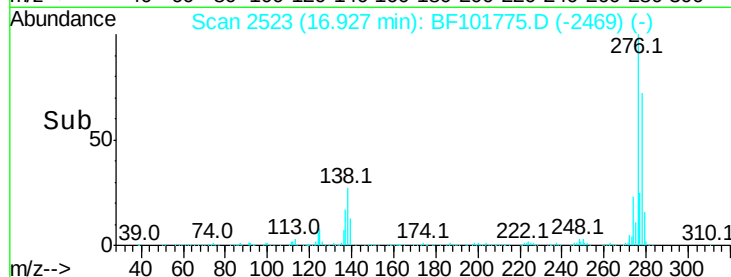
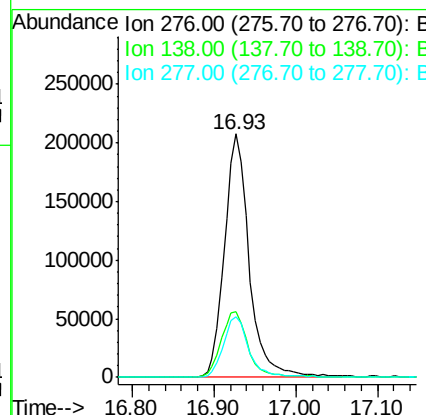
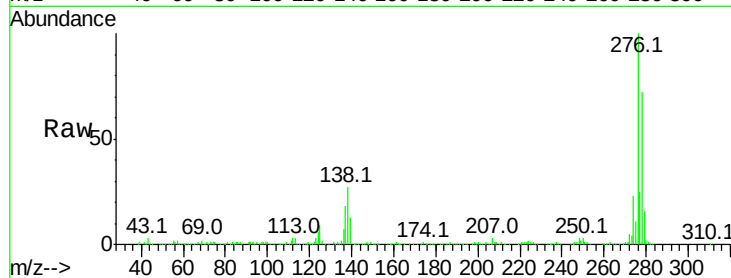




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.708 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.02 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

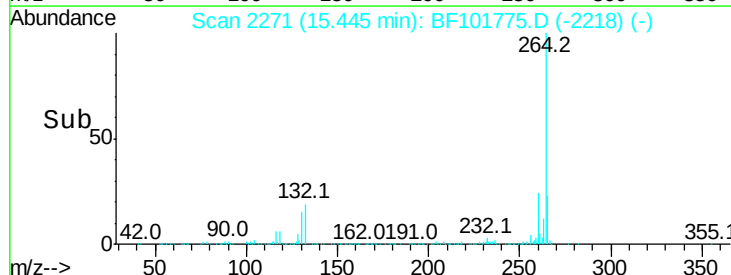
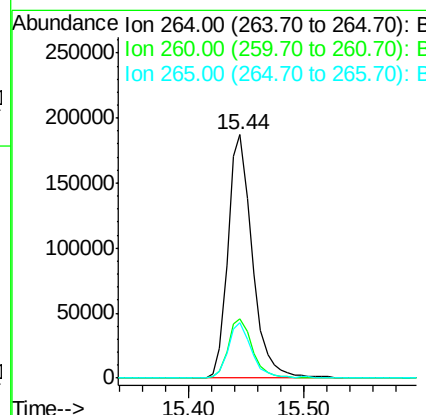
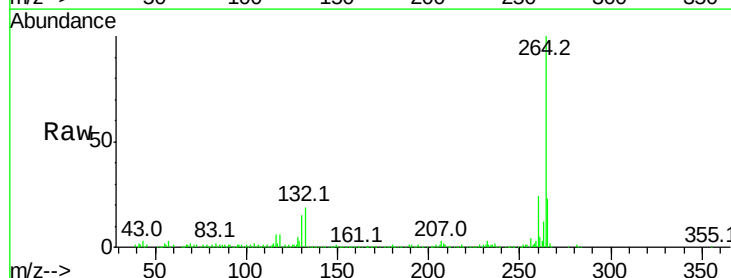
Instrument :
 BNA_F
 ClientSampleId :

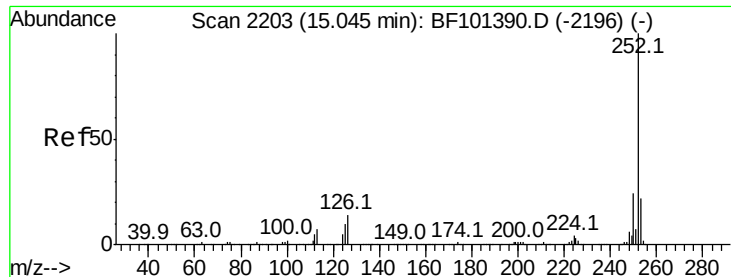
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.9	17.5	26.3

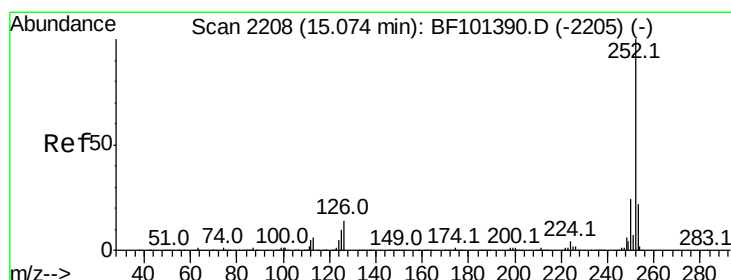
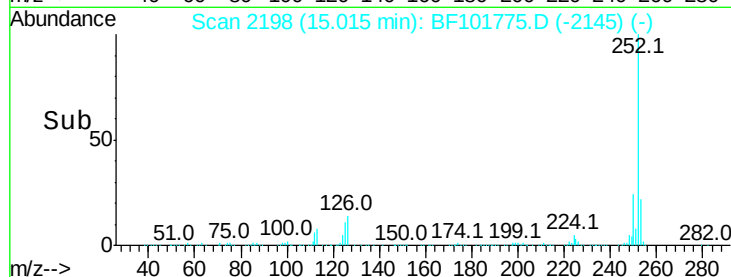
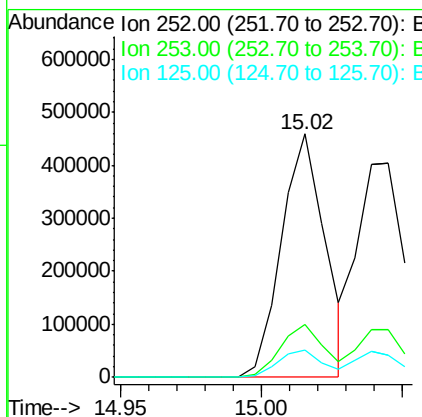
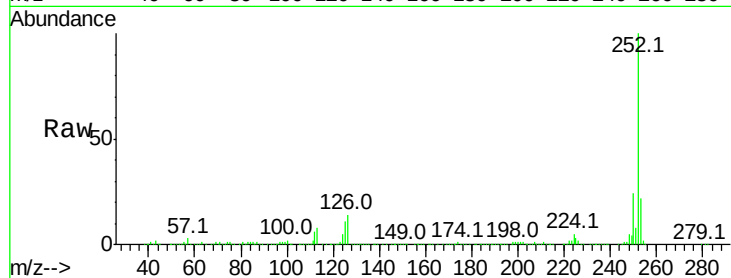




#87
Benzo(b)fluoranthene
Concen: 29.489 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

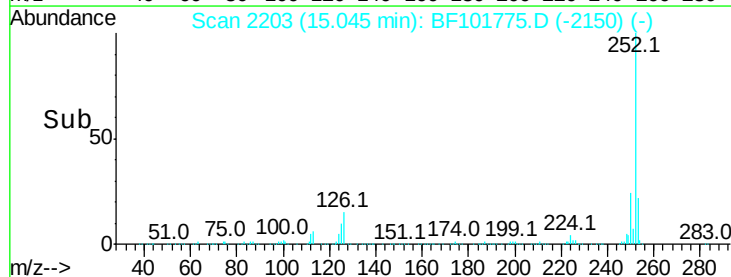
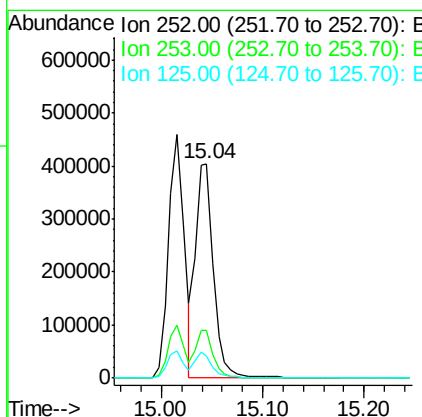
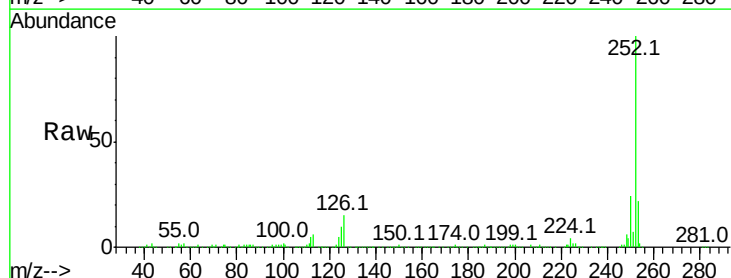
Instrument :
BNA_F
ClientSampleId :

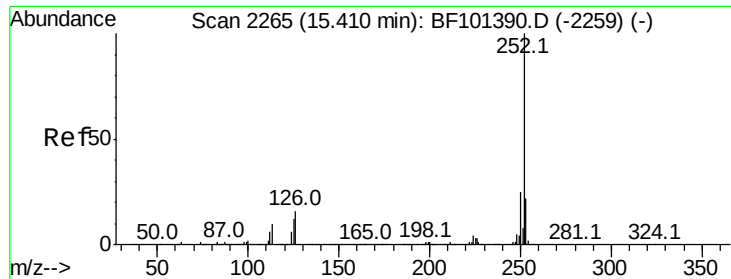
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.3	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 30.457 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.5	10.2	15.2

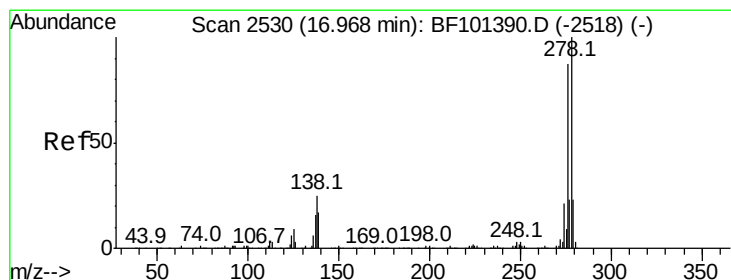
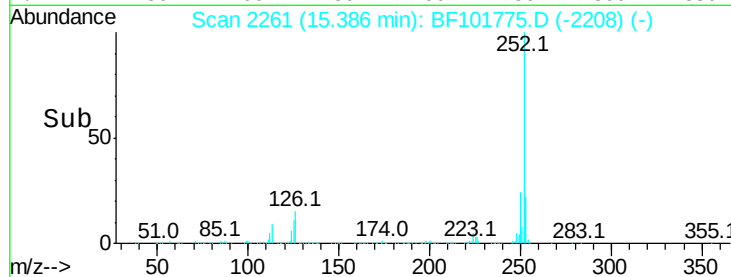
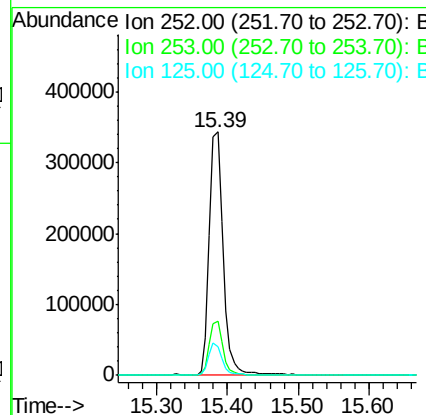
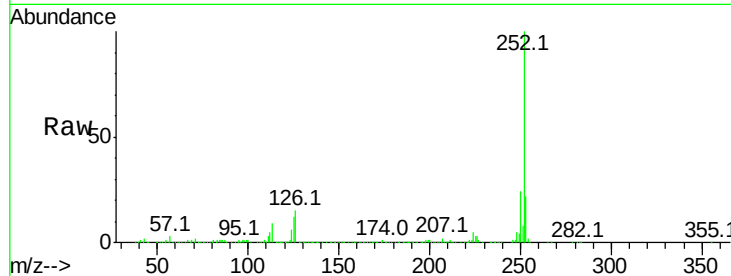




#89
Benzo(a)pyrene
Concen: 30.651 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

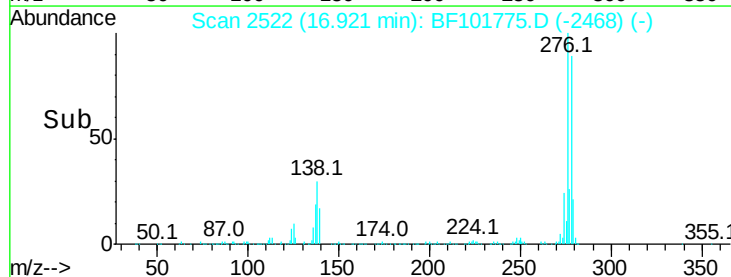
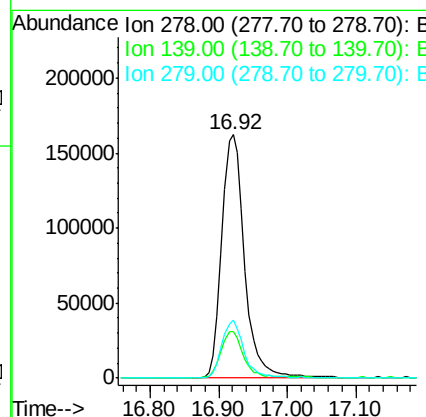
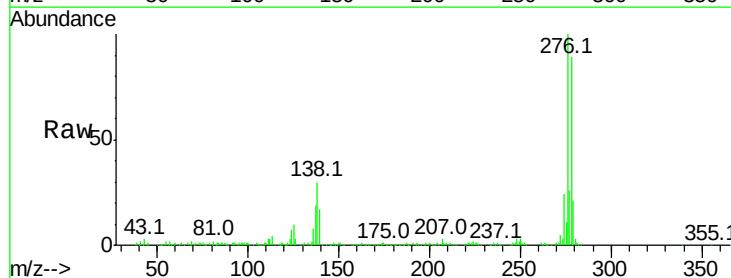
Instrument :
BNA_F
ClientSampleId :

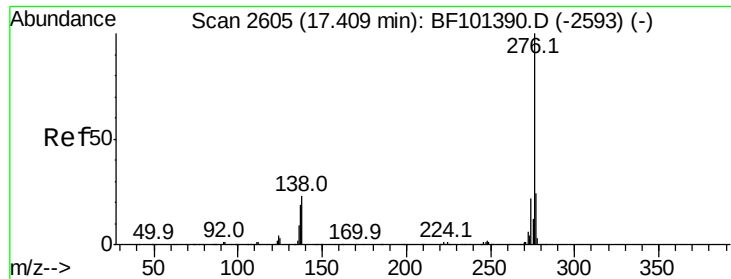
Tot Ion:252 Resp: 471713
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 11.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 28.399 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF101775.D
Acq: 27 Dec 2017 21:02

Tgt Ion:278 Resp: 375256
Ion Ratio Lower Upper
278 100
139 19.1 15.9 23.9
279 24.1 19.0 28.4

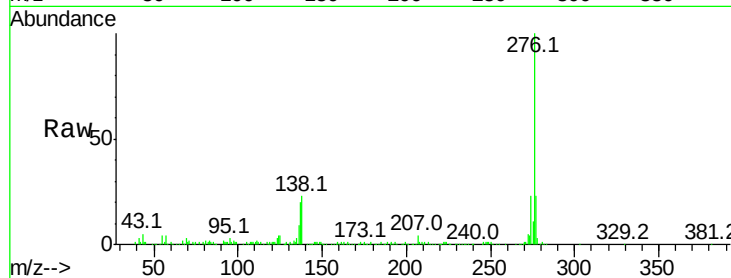




#91
 Benzo(a,h,i)perylene
 Concen: 27.882 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.03 min
 Lab File: BF101775.D
 Acq: 27 Dec 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	23.4	21.8	32.8



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

