

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101748.D
 Acq On : 27 Dec 2017 7:49
 Operator : SJ/JU
 Sample : PB105328BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

Quant Time: Dec 27 08:20:43 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	143492	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	539526	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	214902	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	329766	20.00	ng	0.00
75) Chrysene-d12	13.97	240	275952	20.00	ng	0.00
86) Perylene-d12	15.44	264	254432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	920095	95.51	ng	0.02
7) Phenol-d6	6.44	99	1011929	84.41	ng	0.00
23) Nitrobenzene-d5	7.36	82	909848	93.87	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	178774	86.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1433128	103.45	ng	0.00
78) Terphenyl-d14	12.90	244	1031860	90.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	189358	38.256	ng	95
3) Pyridine	3.36	79	447722	32.556	ng	95
4) n-Nitrosodimethylamine	3.33	42	233849	36.931	ng	97
6) Aniline	6.46	93	268966	16.144	ng	# 73
8) 2-Chlorophenol	6.58	128	412204	40.678	ng	98
9) Benzaldehyde	6.35	77	179414	20.264	ng	98
10) Phenol	6.45	94	508466	37.211	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	415655	38.780	ng	94
12) 1,3-Dichlorobenzene	6.73	146	462476	40.438	ng	99
13) 1,4-Dichlorobenzene	6.80	146	478592	40.979	ng	99
14) 1,2-Dichlorobenzene	6.96	146	415090	39.485	ng	99
15) Benzyl Alcohol	6.95	79	298485	36.172	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	683863	41.689	ng	# 40
17) 2-Methylphenol	7.06	107	329842	35.386	ng	# 88
18) Hexachloroethane	7.29	117	146510	36.082	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	290256	36.866	ng	96
20) 3+4-Methylphenols	7.22	107	445805	45.133	ng	96
22) Acetophenone	7.20	105	564559	45.859	ng	# 96
24) Nitrobenzene	7.38	77	444419	41.430	ng	96
25) Isophorone	7.62	82	812281	41.777	ng	98
26) 2-Nitrophenol	7.70	139	201626	43.751	ng	96
27) 2,4-Dimethylphenol	7.73	122	355261	45.377	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	516390	41.810	ng	98
29) 2,4-Dichlorophenol	7.95	162	338209	43.725	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	339458	41.587	ng	97
31) Naphthalene	8.09	128	1114017	41.014	ng	99
32) Benzoic acid	7.90	122	183913	37.042	ng	98
33) 4-Chloroaniline	8.16	127	143474	12.153	ng	97
34) Hexachlorobutadiene	8.20	225	201537	42.689	ng	99
35) Caprolactam	8.54	113	111180	41.396	ng	# 88
36) 4-Chloro-3-methylphenol	8.65	107	334726	39.373	ng	100
37) 2-Methylnaphthalene	8.79	142	707917	40.004	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	341681	47.092	ng	97
40) Hexachlorocyclopentadiene	8.93	237	5706	16.564	ng	96

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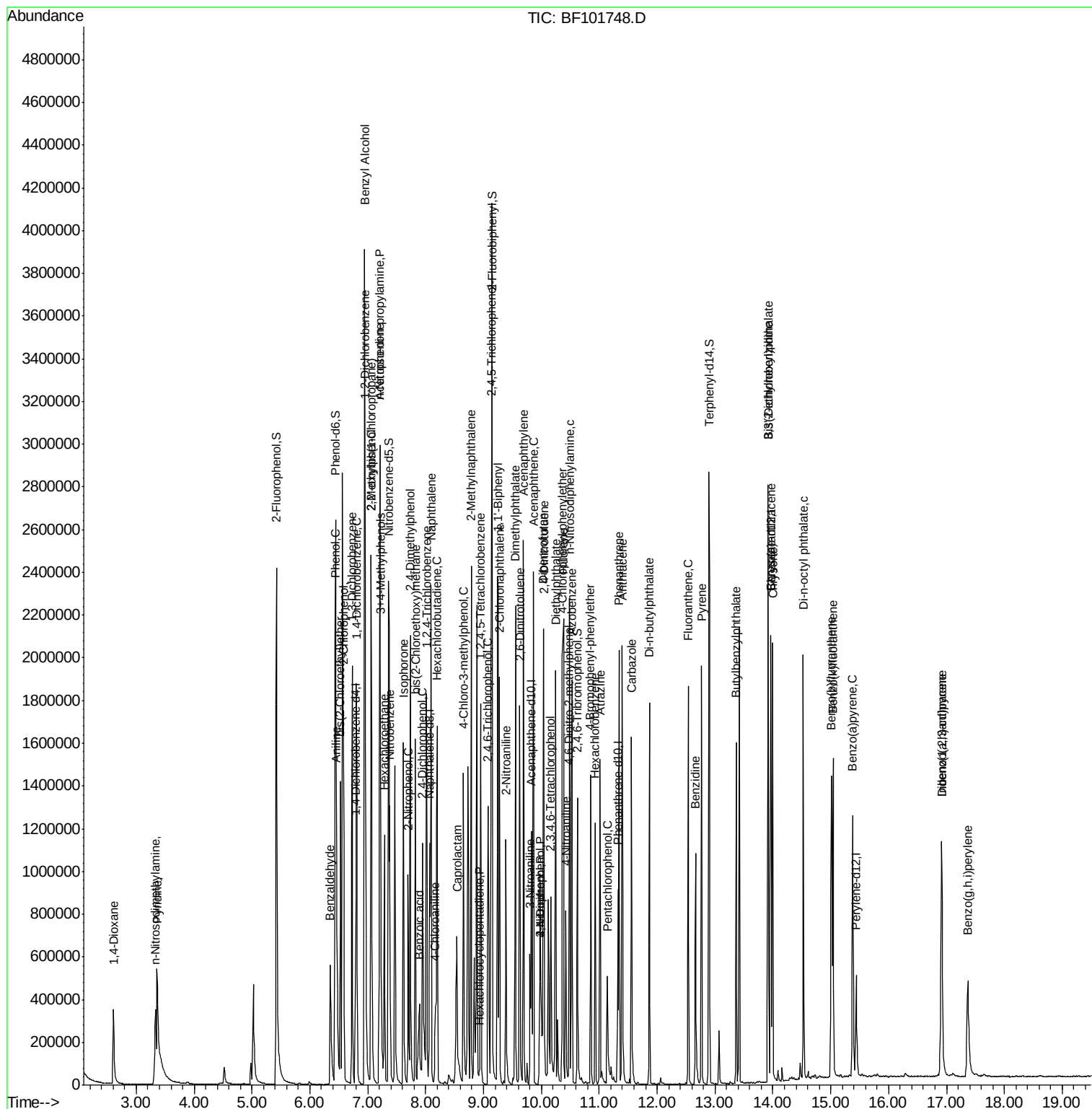
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	197935	45.314	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	176604	36.925	ng	95
45) 1,1'-Biphenyl	9.25	154	860494	45.150	ng	98
46) 2-Chloronaphthalene	9.28	162	629321	43.155	ng	96
47) 2-Nitroaniline	9.39	65	212205	42.124	ng	90
48) Acenaphthylene	9.69	152	876882	38.070	ng	100
49) Dimethylphthalate	9.55	163	717296	41.496	ng	99
50) 2,6-Dinitrotoluene	9.63	165	144326	41.081	ng	# 90
51) Acenaphthene	9.86	154	536990	38.805	ng	100
52) 3-Nitroaniline	9.80	138	109157	24.921	ng	98
53) 2,4-Dinitrophenol	9.99	184	16144	21.812	ng	# 1
54) Dibenzofuran	10.03	168	770474	43.812	ng	95
55) 4-Nitrophenol	9.99	139	88985	46.591	ng	94
56) 2,4-Dinitrotoluene	10.05	165	173805	43.909	ng	# 97
57) Fluorene	10.38	166	592345	39.816	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	140105	40.773	ng	# 87
59) Diethylphthalate	10.24	149	701449	40.977	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	301585	42.298	ng	93
61) 4-Nitroaniline	10.42	138	136125	30.918	ng	94
62) Azobenzene	10.53	77	651799	36.757	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	10685	6.349	ng	# 1
65) n-Nitrosodiphenylamine	10.49	169	553552	45.461	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	177763	47.975	ng	# 84
67) Hexachlorobenzene	10.93	284	171921	43.839	ng	# 86
68) Atrazine	11.02	200	167055	46.012	ng	99
69) Pentachlorophenol	11.14	266	105818	70.257	ng	98
70) Phenanthrene	11.34	178	772952	42.148	ng	99
71) Anthracene	11.40	178	790745	42.212	ng	100
72) Carbazole	11.56	167	711989	40.596	ng	99
73) Di-n-butylphthalate	11.87	149	954922	44.859	ng	98
74) Fluoranthene	12.54	202	780749	40.560	ng	97
76) Benzidine	12.66	184	469098	40.249	ng	98
77) Pyrene	12.77	202	801218	38.687	ng	99
79) Butylbenzylphthalate	13.37	149	366687	39.131	ng	96
80) Benzo(a)anthracene	13.96	228	737247	40.460	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	243719	41.020	ng	98
82) Chrysene	14.00	228	719361	41.812	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	473110	39.860	ng	98
84) Di-n-octyl phthalate	14.53	149	912145	43.091	ng	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	559184	36.499	ng	97
87) Benzo(b)fluoranthene	15.01	252	701039	45.204	ng	98
88) Benzo(k)fluoranthene	15.04	252	626198	41.530	ng	99
89) Benzo(a)pyrene	15.38	252	618183	43.241	ng	100
90) Dibenzo(a,h)anthracene	16.92	278	477242	38.880	ng	97
91) Benzo(g,h,i)perylene	17.37	276	466905	38.414	ng	96

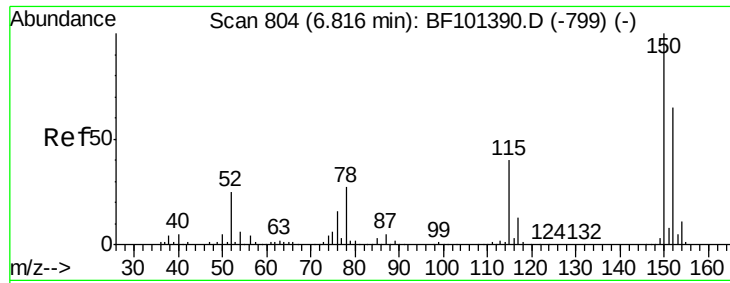
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

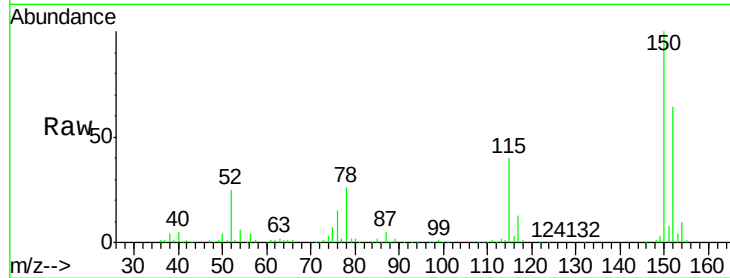
Tgt Ion:152 Resp: 143492

Ion Ratio Lower Upper

152 100

150 156.8 124.6 186.8

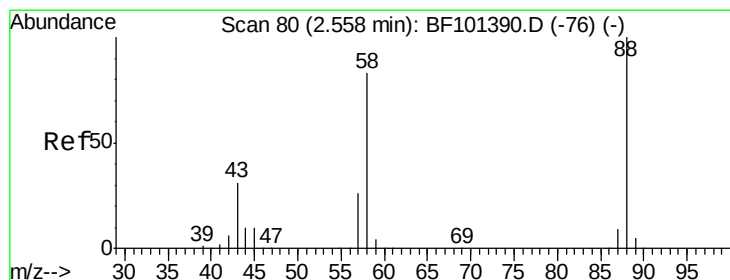
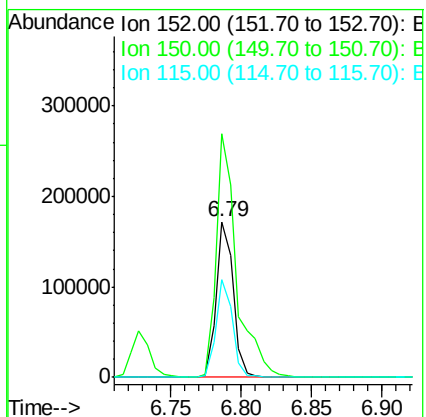
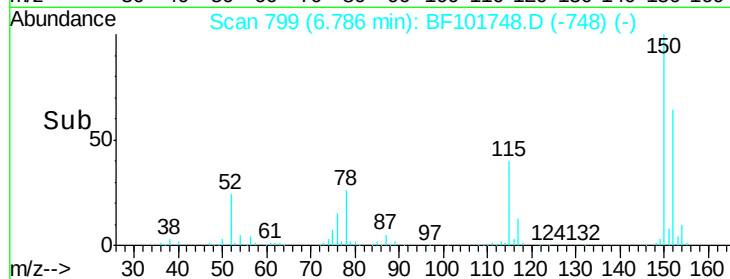
115 63.0 50.1 75.1



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



#2

1,4-Dioxane

Concen: 38.256 ng

RT: 2.60 min Scan# 88

Delta R.T. 0.12 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

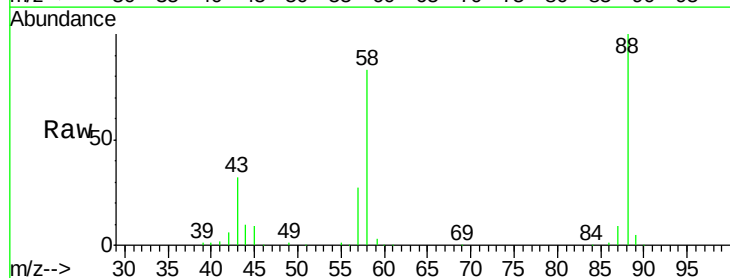
Tgt Ion: 88 Resp: 189358

Ion Ratio Lower Upper

88 100

58 83.7 62.6 93.8

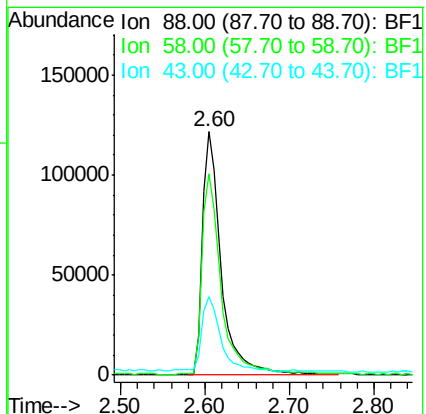
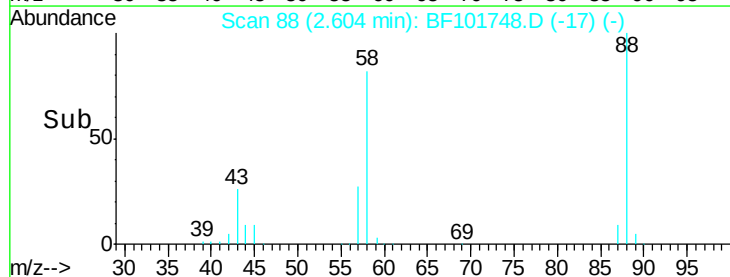
43 29.1 24.6 37.0

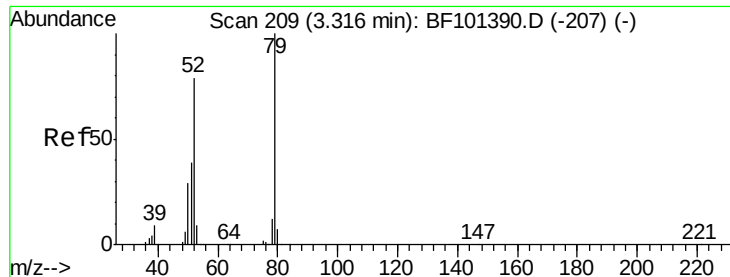


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 32.556 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.11 min

Lab File: BF101748.D

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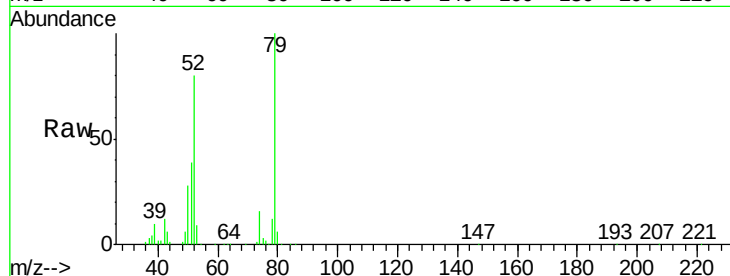
Tgt Ion: 79 Resp: 447722

Ion Ratio Lower Upper

79 100

52 79.7 59.8 89.6

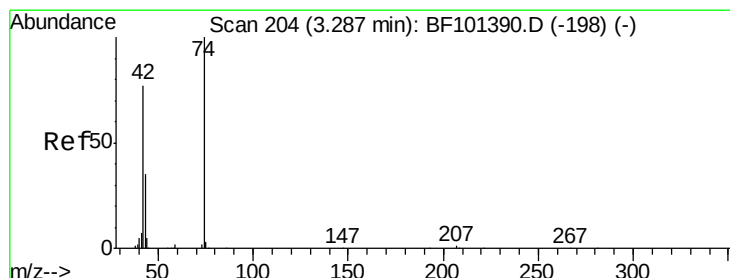
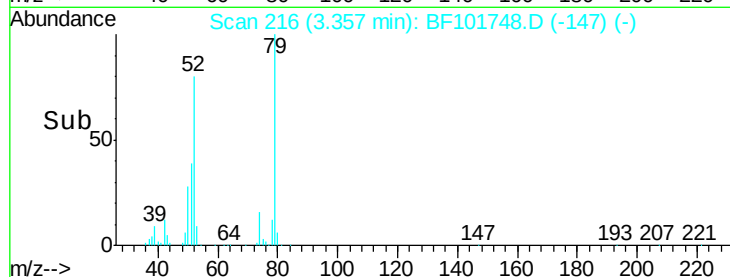
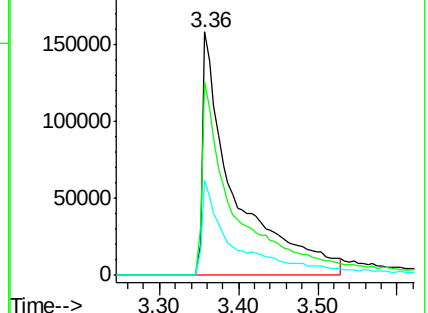
51 38.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.931 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.12 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

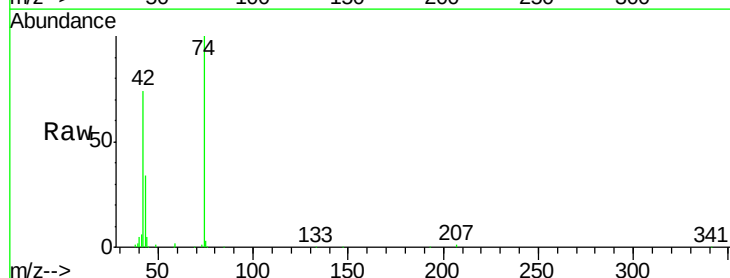
Tgt Ion: 42 Resp: 233849

Ion Ratio Lower Upper

42 100

74 134.7 104.9 157.3

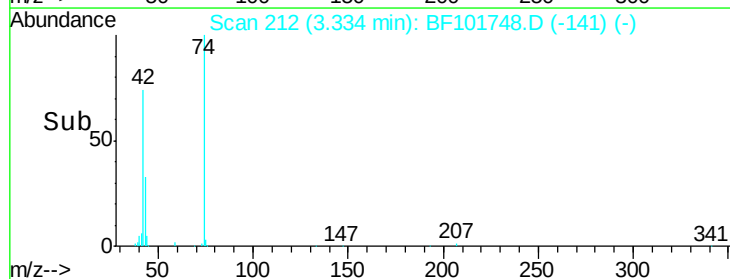
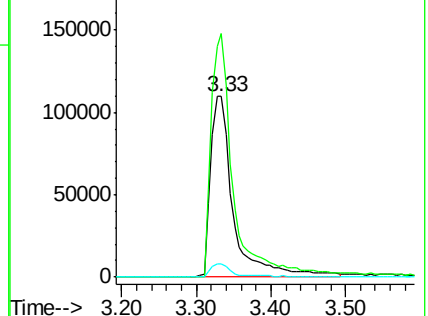
44 7.4 6.9 10.3

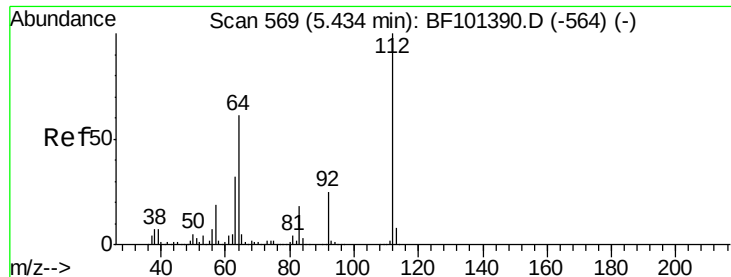


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 95.514 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

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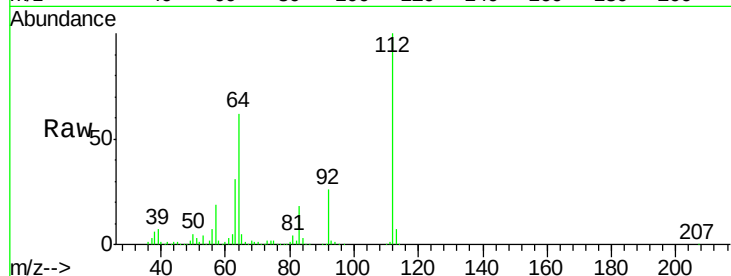
Tgt Ion: 112 Resp: 920095

Ion Ratio Lower Upper

112 100

64 61.6 47.9 71.9

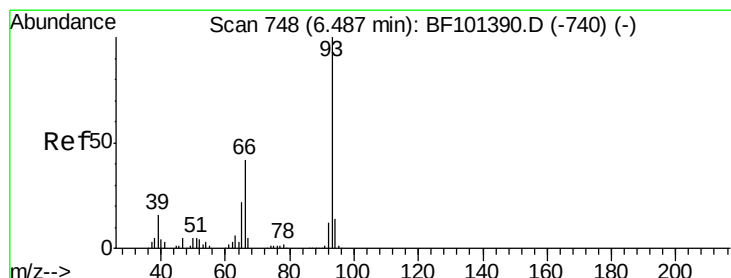
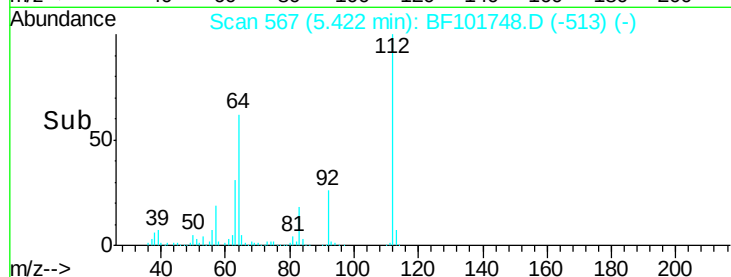
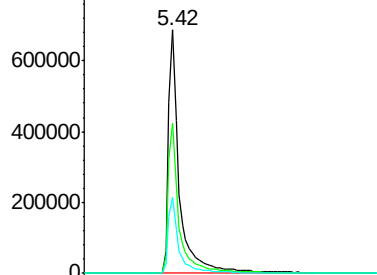
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.144 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

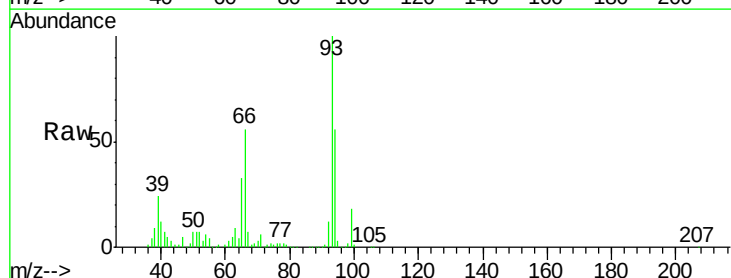
Tgt Ion: 93 Resp: 268966

Ion Ratio Lower Upper

93 100

66 56.5 32.2 48.2#

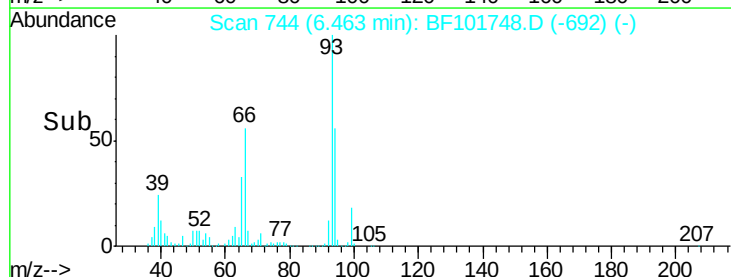
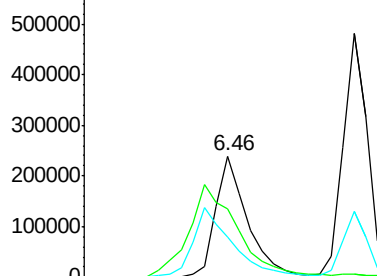
65 33.0 16.4 24.6#

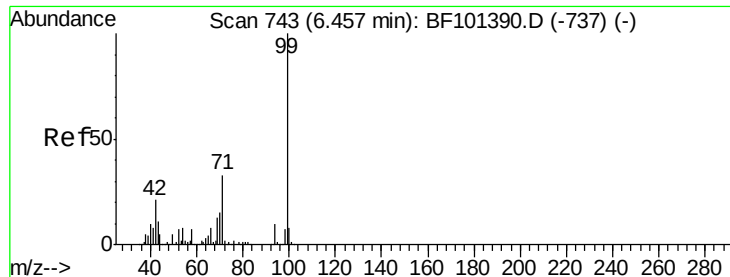


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.407 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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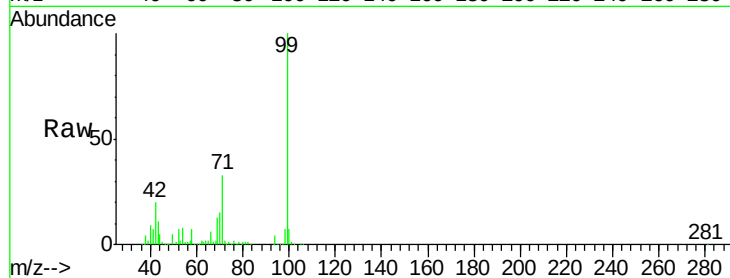
Tgt Ion: 99 Resp: 1011929

Ion Ratio Lower Upper

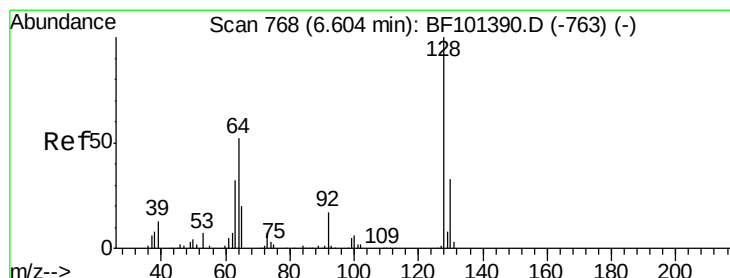
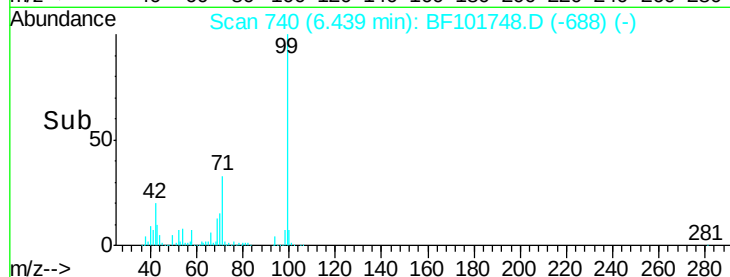
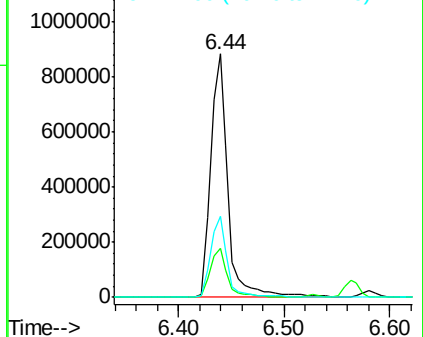
99 100

42 20.3 14.5 21.7

71 33.4 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: 40.678 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

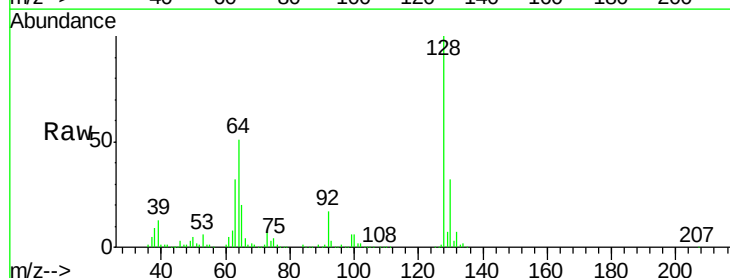
Tgt Ion: 128 Resp: 412204

Ion Ratio Lower Upper

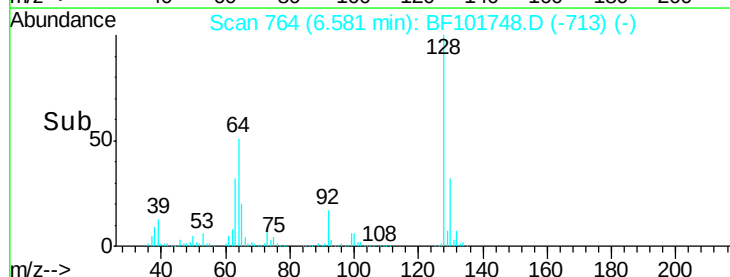
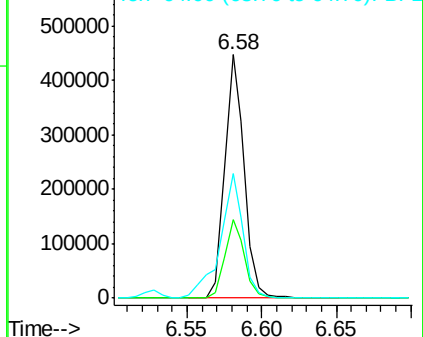
128 100

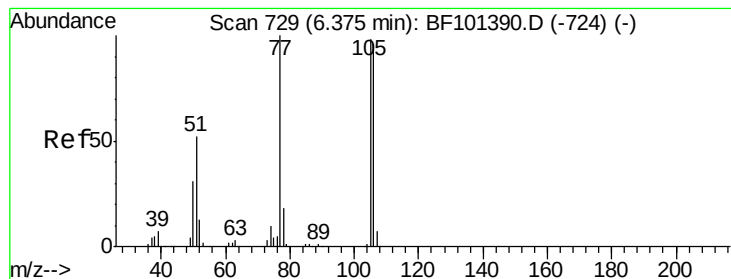
130 32.0 13.0 53.0

64 51.2 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: 20.264 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

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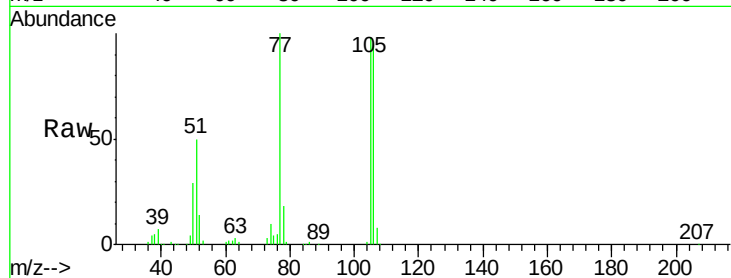
Tgt Ion: 77 Resp: 179414

Ion Ratio Lower Upper

77 100

105 97.8 81.1 121.1

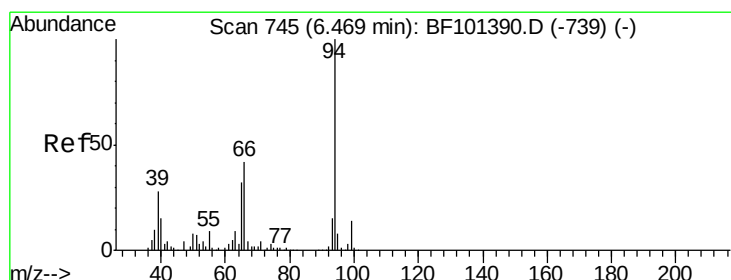
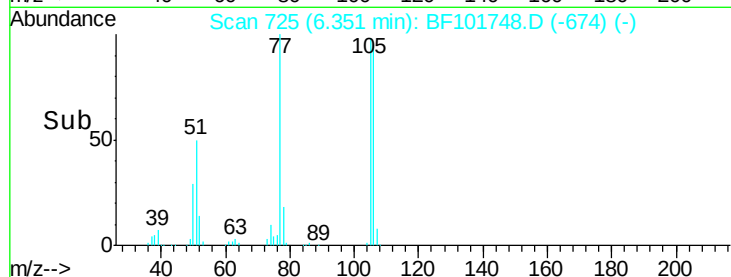
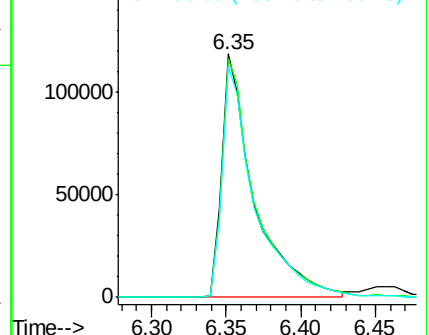
106 94.9 74.5 114.5



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: 37.211 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

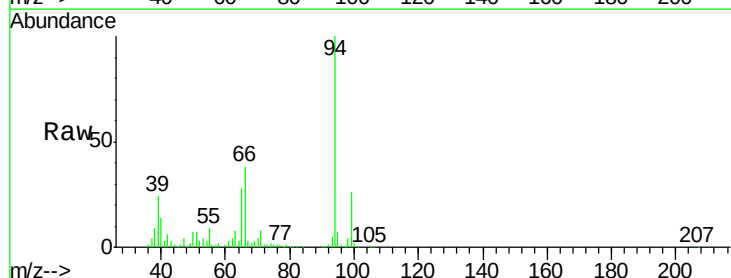
Tgt Ion: 94 Resp: 508466

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

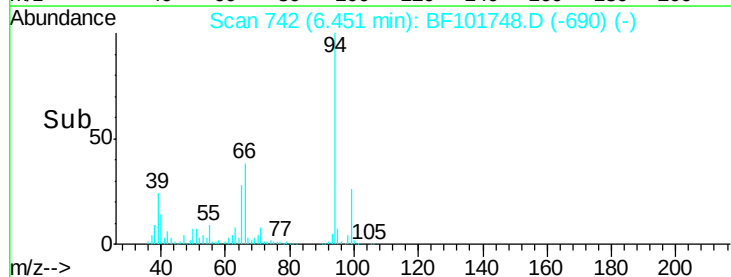
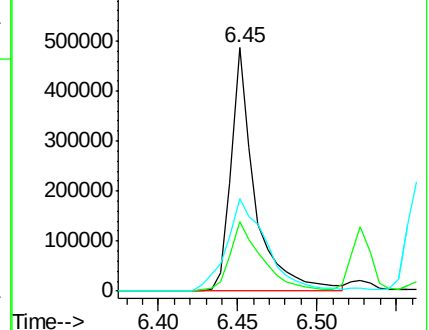
66 37.8 16.2 56.2

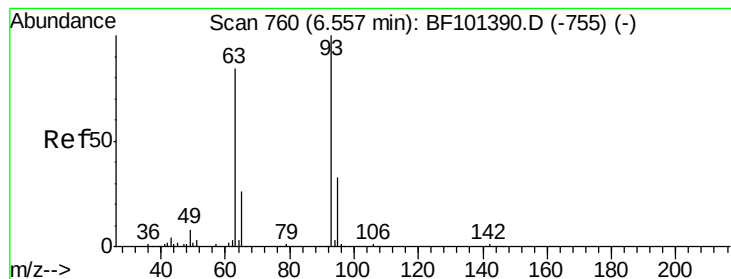


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.780 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

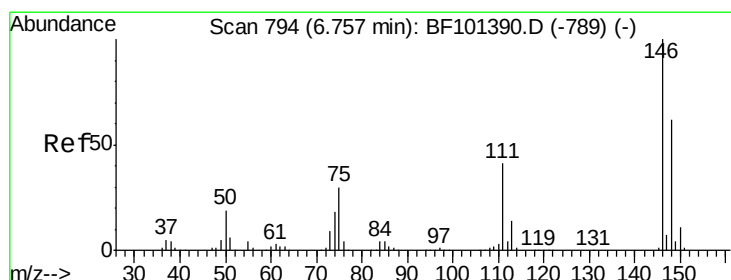
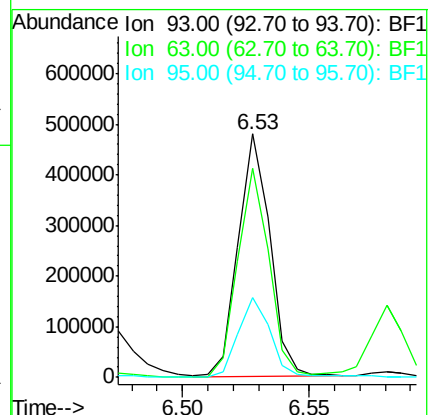
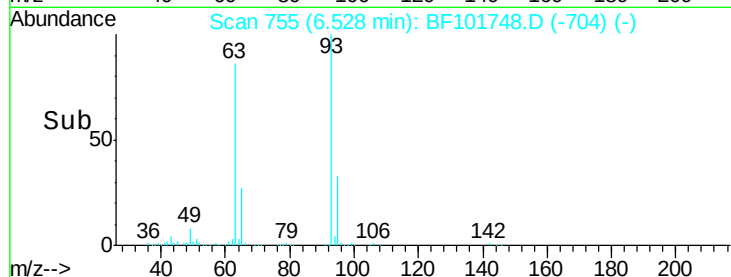
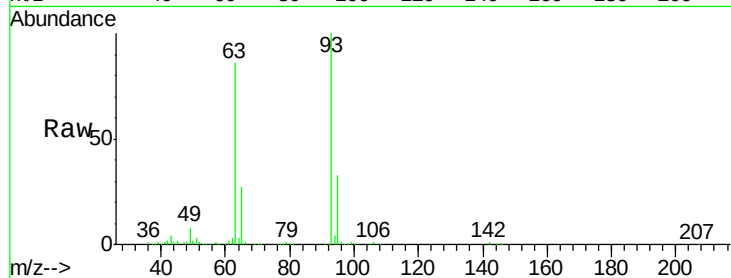
Tgt Ion: 93 Resp: 415655

Ion Ratio Lower Upper

93 100

63 85.7 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.438 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

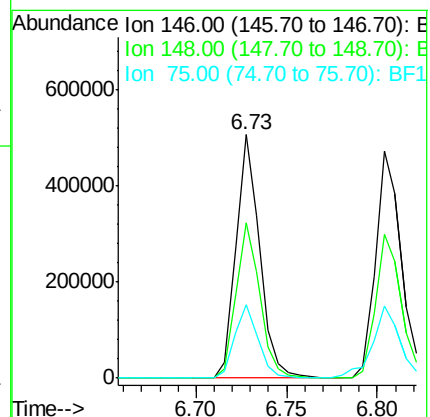
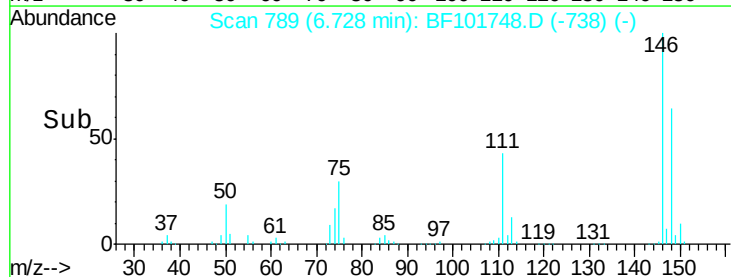
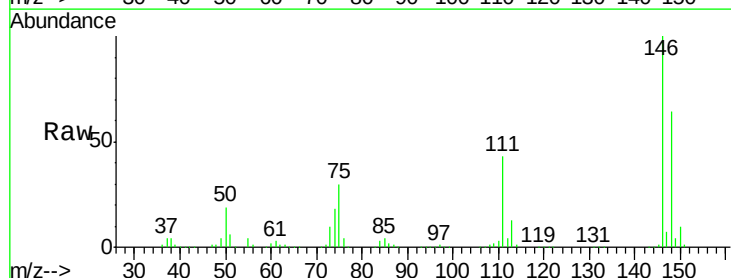
Tgt Ion: 146 Resp: 462476

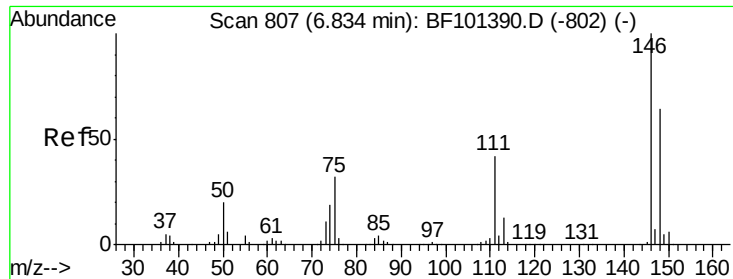
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

75 29.9 24.2 36.4

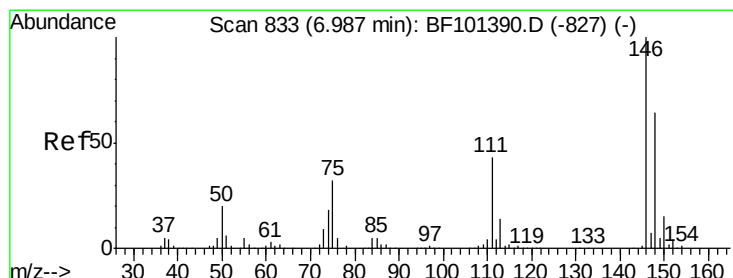
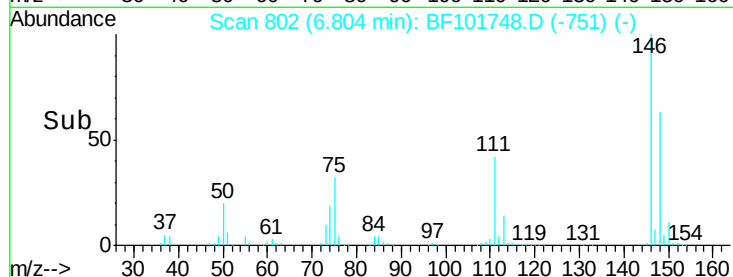
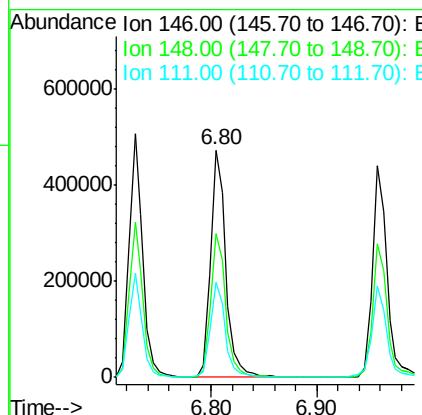
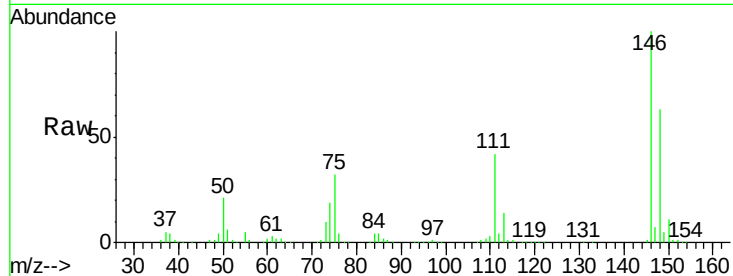




#13
 1,4-Dichlorobenzene
 Concen: 40.979 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

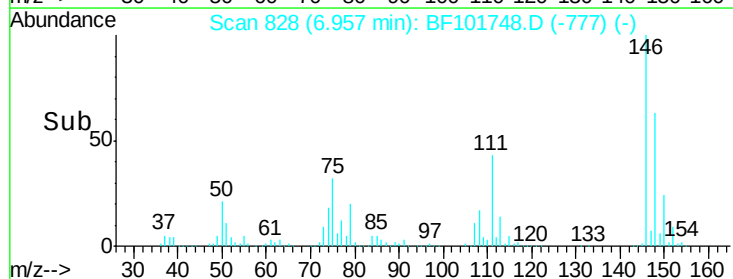
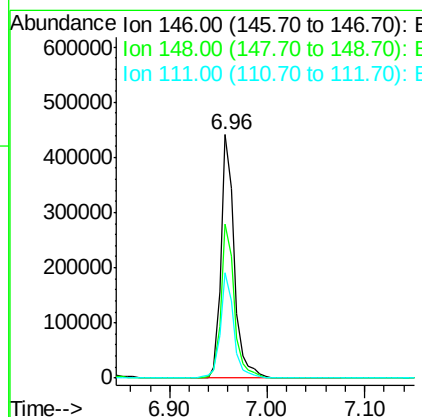
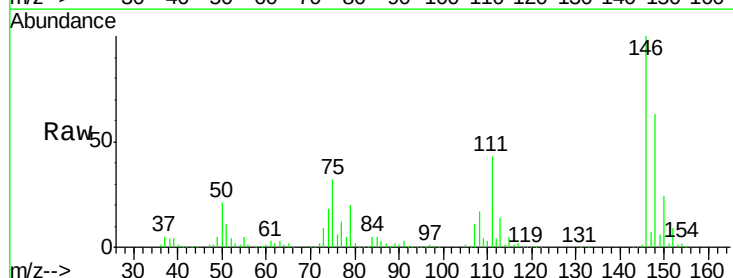
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

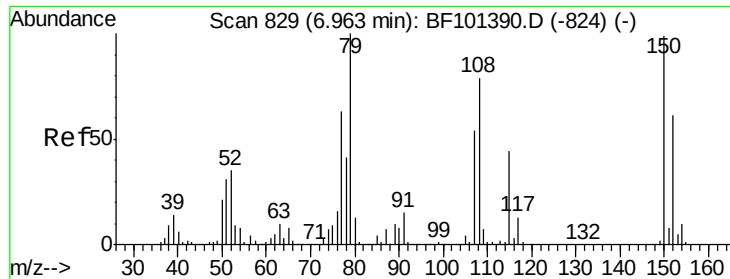
Tgt Ion:146 Resp: 478592
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.485 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion:146 Resp: 415090
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 43.3 36.0 54.0

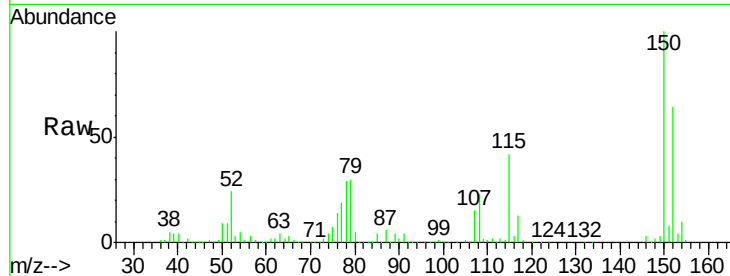




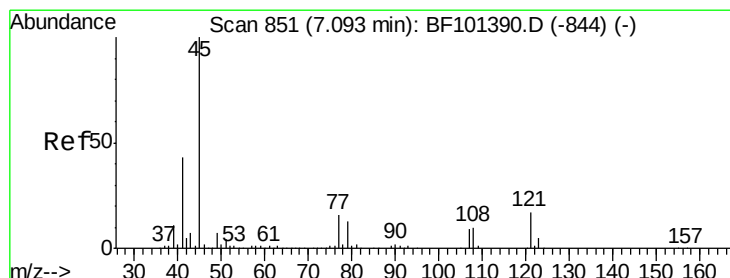
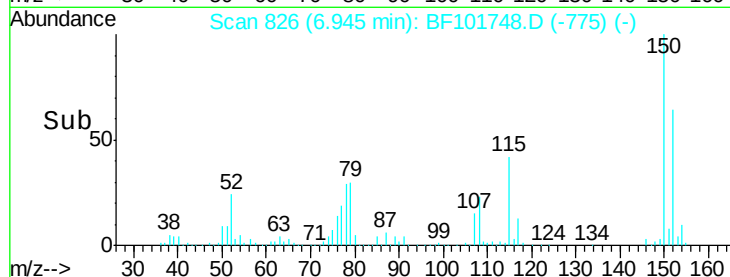
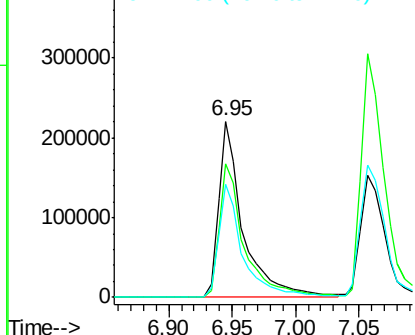
#15
Benzyl Alcohol
Concen: 36.172 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Instrument :
BNA_F
ClientSampleId :
PB105328BS

Tgt Ion: 79 Resp: 298485
Ion Ratio Lower Upper
79 100
108 75.7 65.1 97.7
77 64.1 50.6 75.8

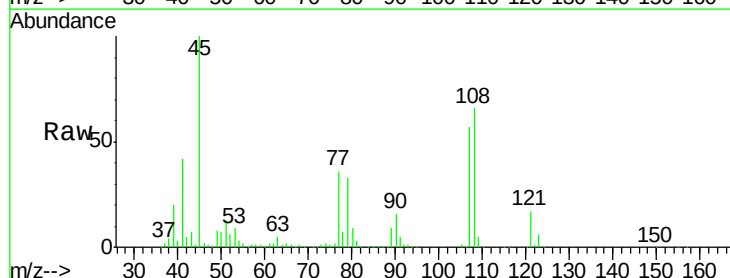


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

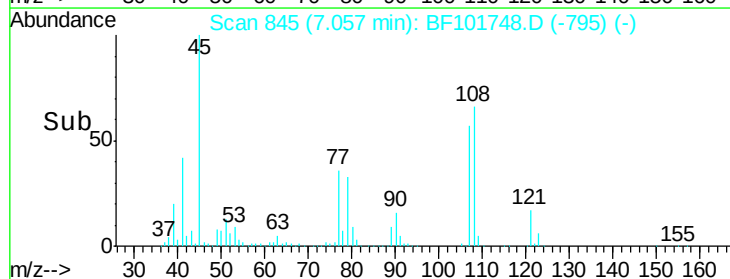
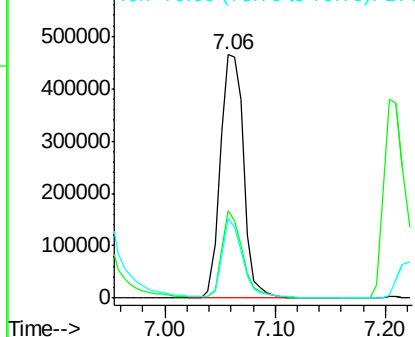


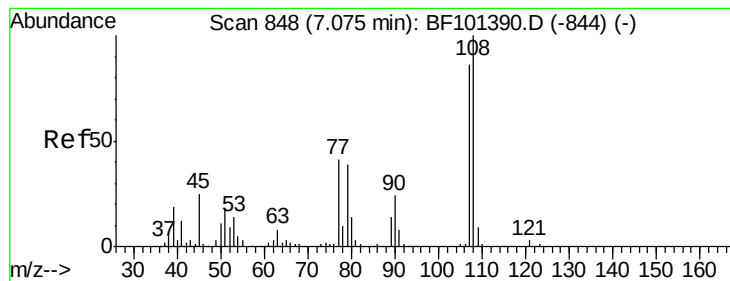
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.689 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion: 45 Resp: 683863
Ion Ratio Lower Upper
45 100
77 35.8 0.0 32.9#
79 32.9 0.0 29.6#



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





#17

2-Methylphenol

Concen: 35.386 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

Tgt Ion:107 Resp: 329842

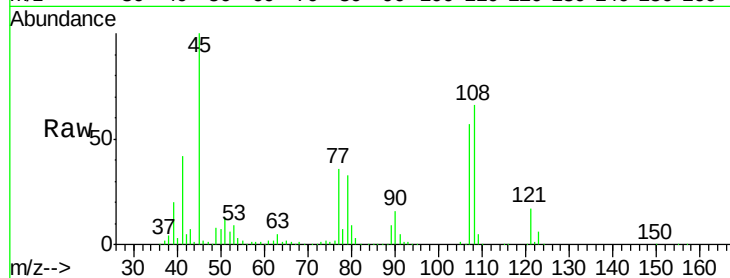
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 62.5 33.8 50.8#

79 57.5 33.8 50.8#



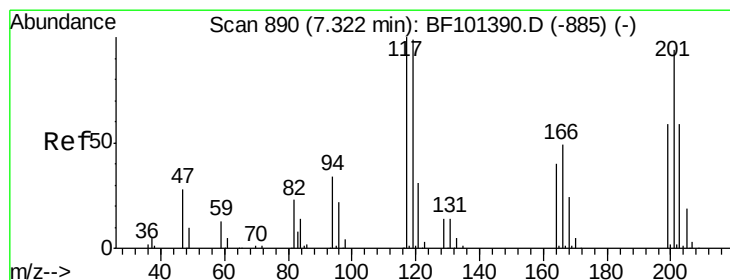
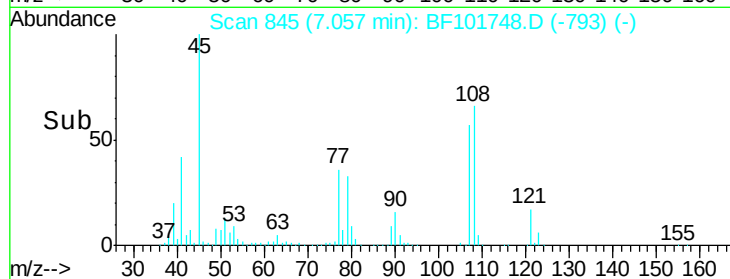
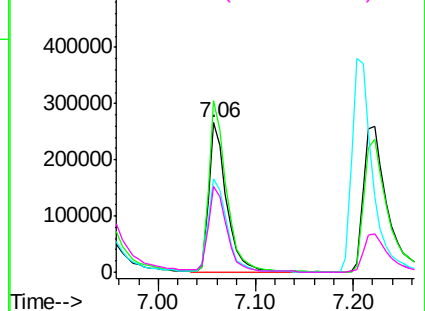
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.082 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

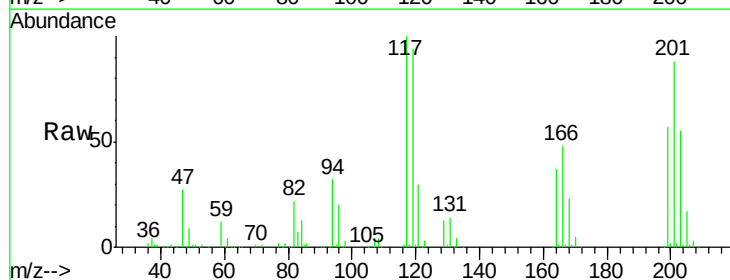
Tgt Ion:117 Resp: 146510

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

201 87.9 75.7 113.5

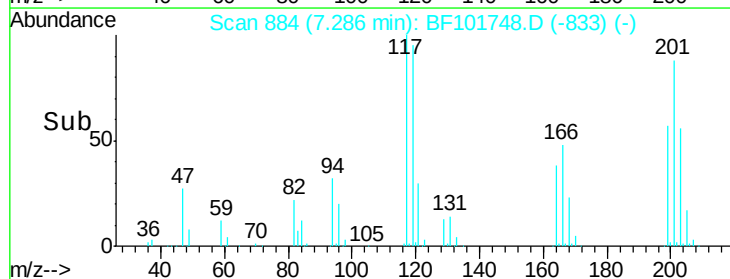
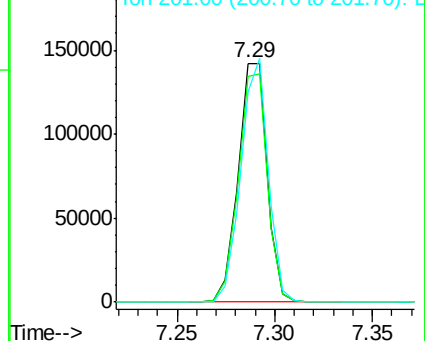


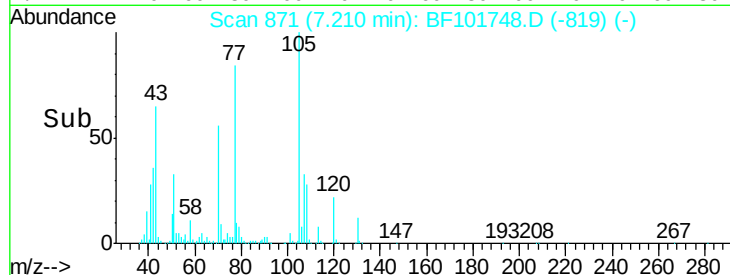
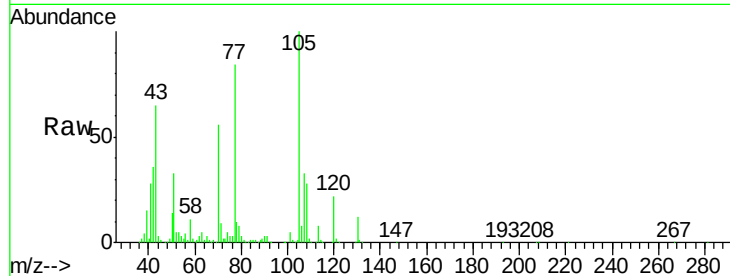
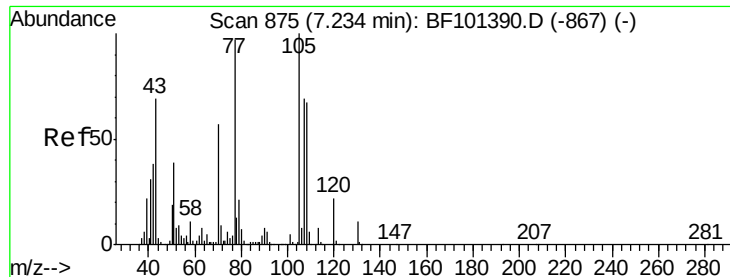
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

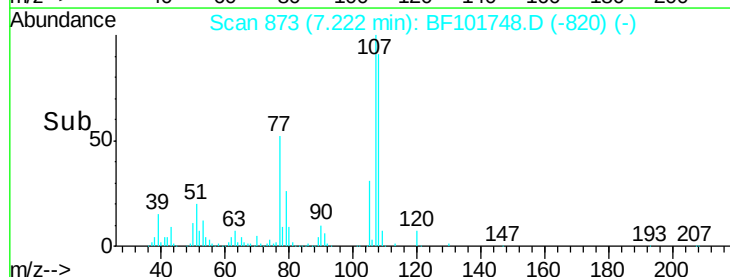
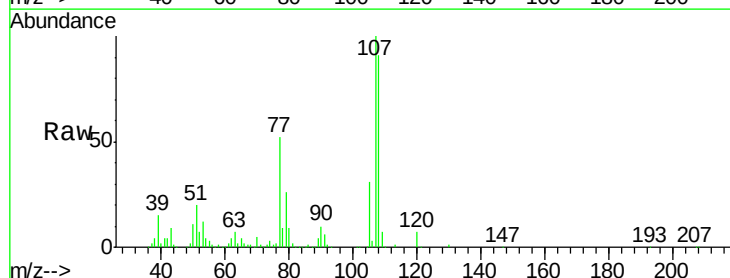
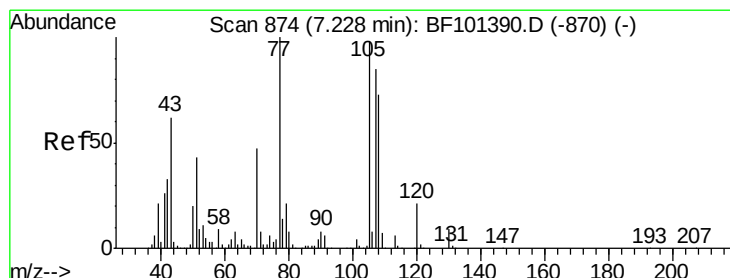
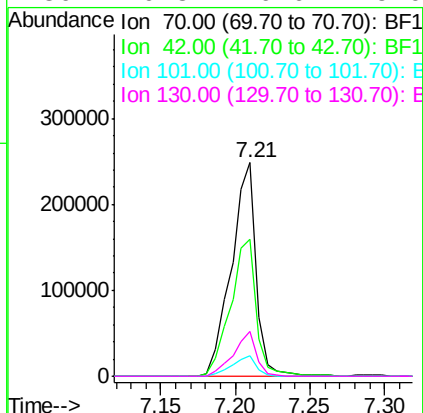




#19
n-Nitroso-di-n-propylamine
Concen: 36.866 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

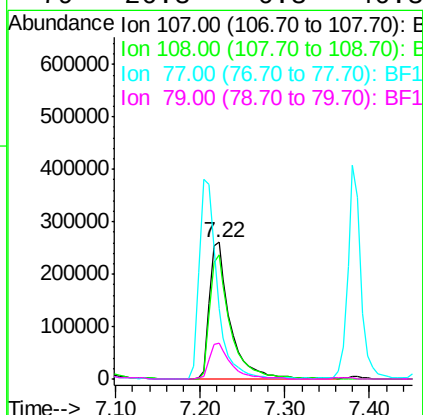
Instrument :
BNA_F
ClientSampleId :
PB105328BS

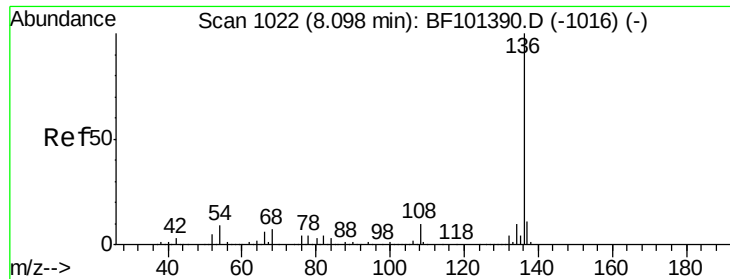
Tgt Ion:	70	Resp:	290256
Ion	Ratio	Lower	Upper
70	100		
42	64.2	47.5	71.3
101	9.5	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.133 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion:	107	Resp:	445805
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	52.1	26.7	66.7
79	26.3	6.3	46.3

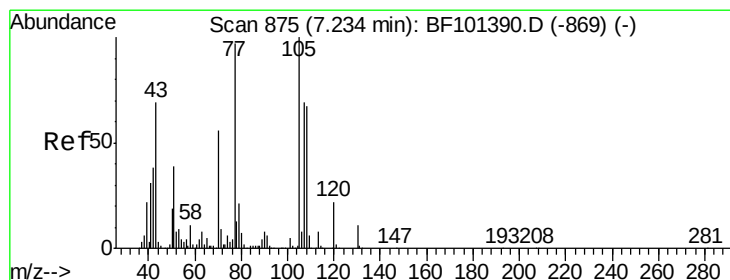
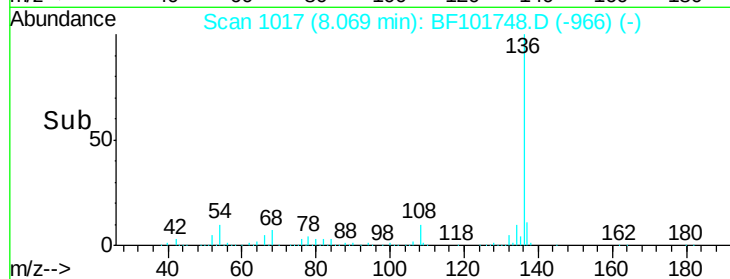
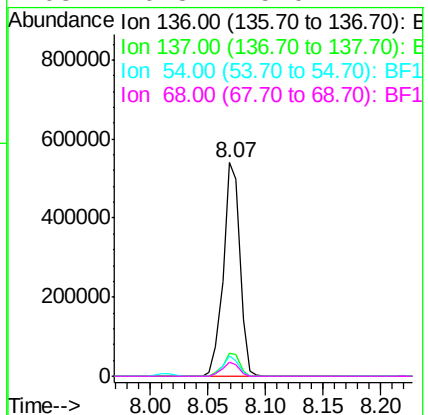
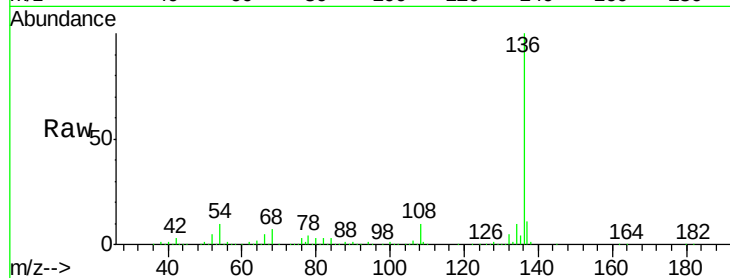




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

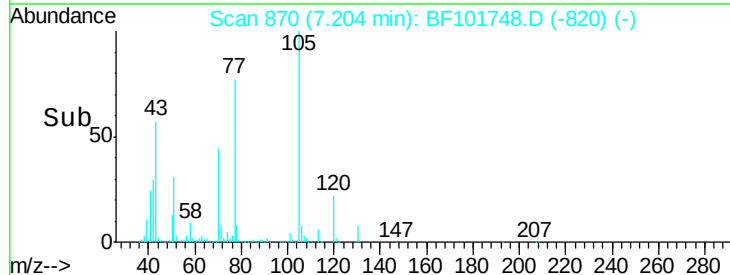
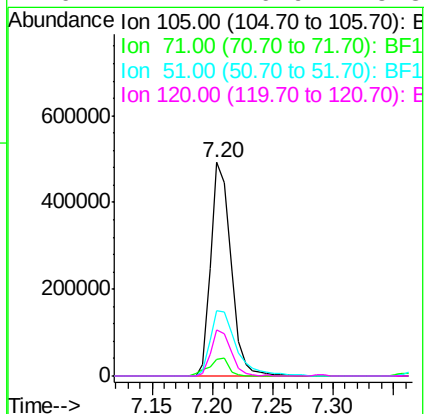
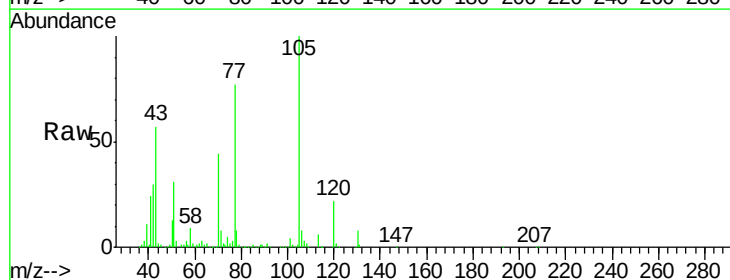
Instrument :
BNA_F
ClientSampleId :
PB105328BS

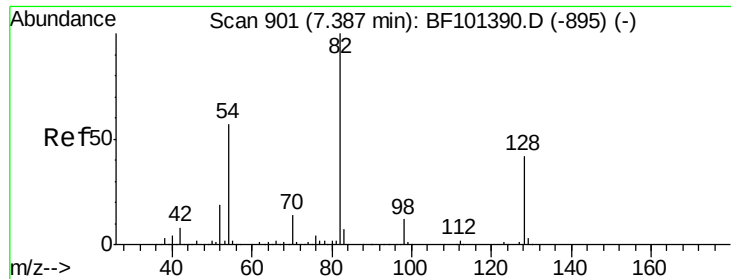
Tgt Ion:	136	Resp:	539526
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	6.6	9.8
68	6.8	5.0	7.4



#22
Acetophenone
Concen: 45.859 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion:	105	Resp:	564559
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	30.8	22.3	33.5
120	21.7	16.9	25.3

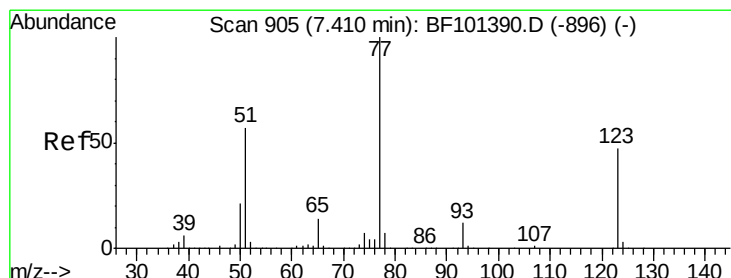
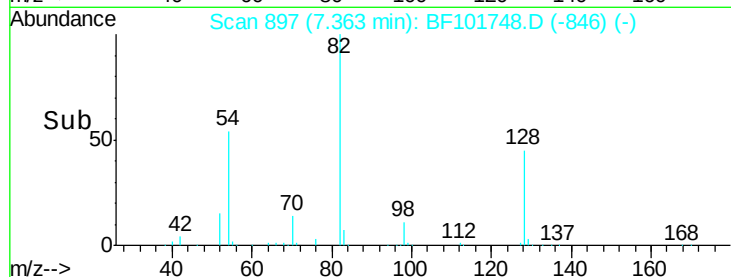
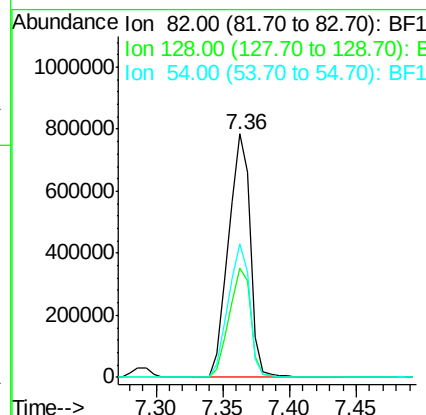
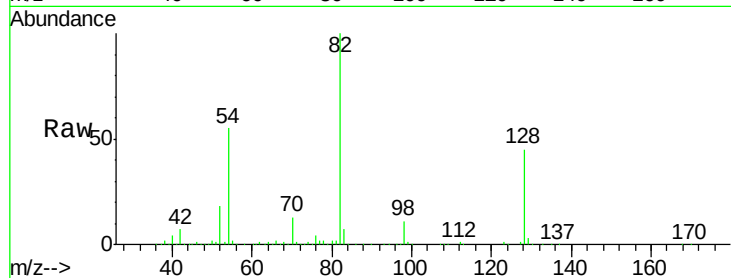




#23
 Nitrobenzene-d5
 Concen: 93.874 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

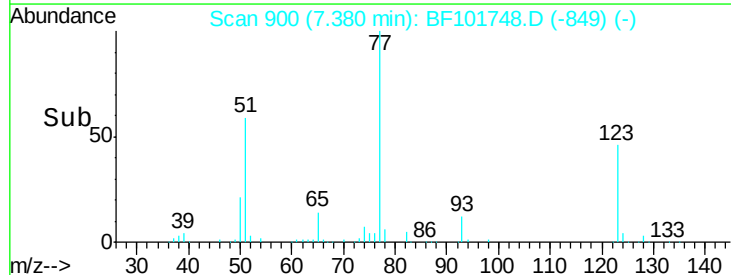
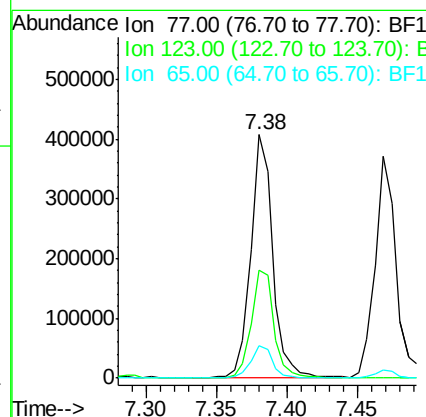
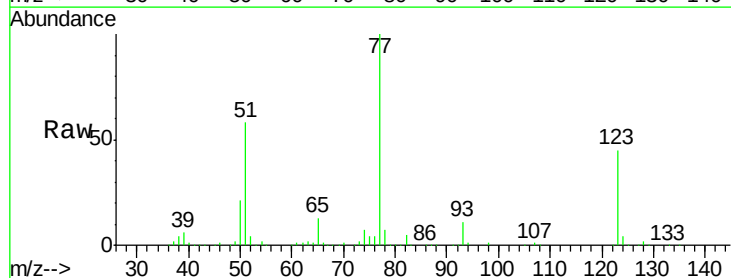
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

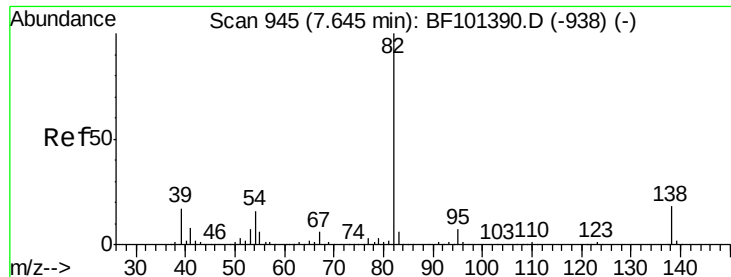
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	54.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.430 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.9	56.9
65	13.4	11.0	16.4

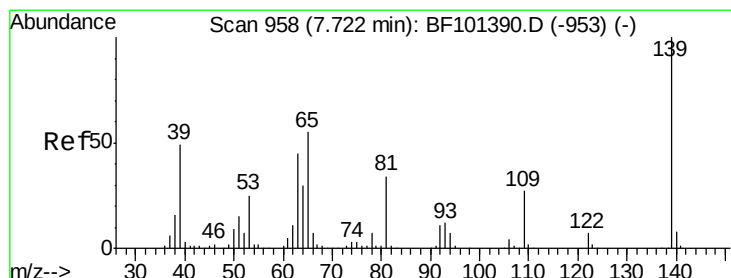
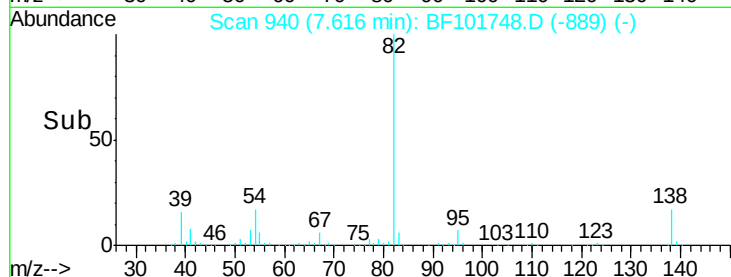
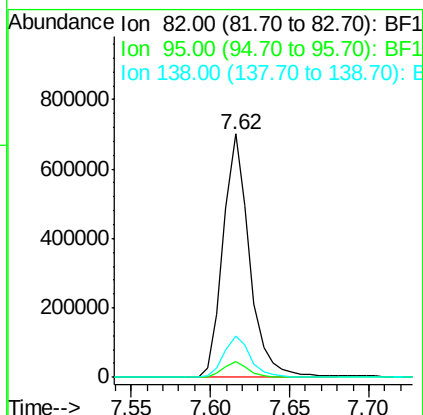
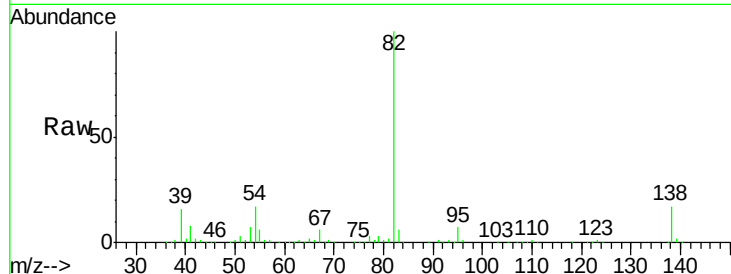




#25
Isophorone
Concen: 41.777 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

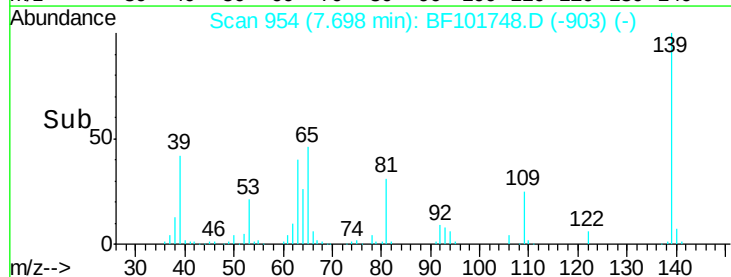
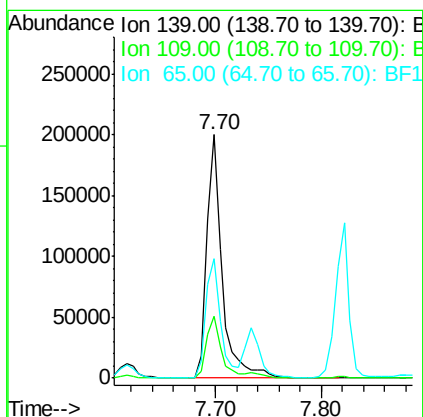
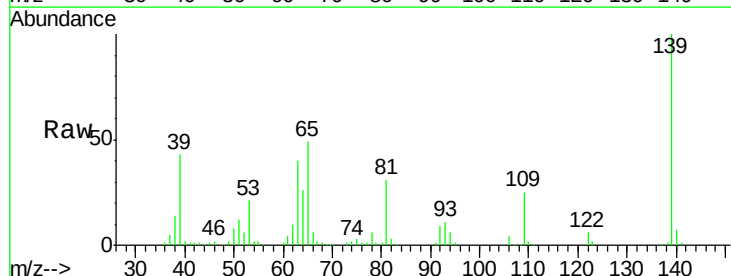
Instrument :
BNA_F
ClientSampleId :
PB105328BS

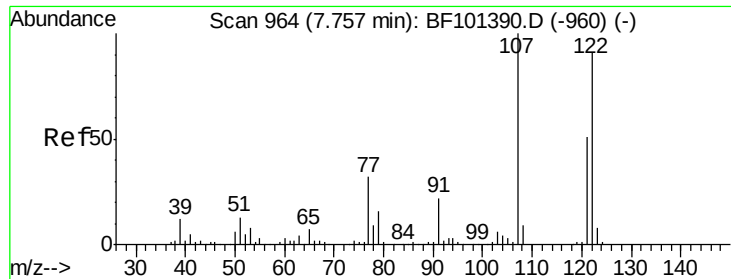
Tgt Ion: 82 Resp: 812281
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.2 14.9 22.3



#26
2-Nitrophenol
Concen: 43.751 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion: 139 Resp: 201626
Ion Ratio Lower Upper
139 100
109 25.3 22.7 34.1
65 49.0 40.5 60.7

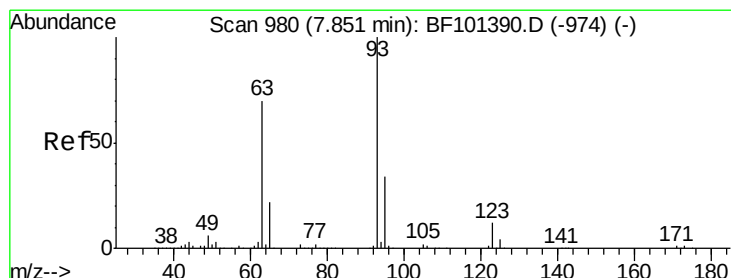
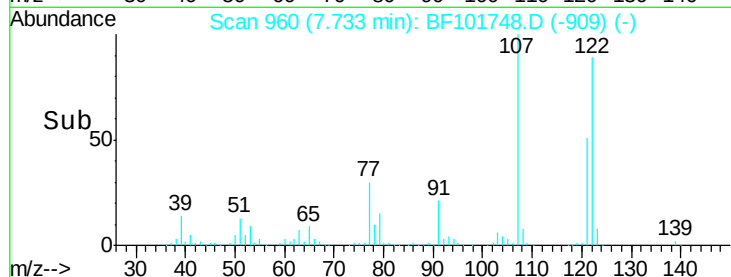
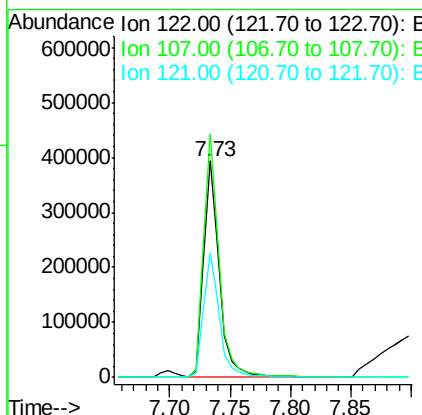
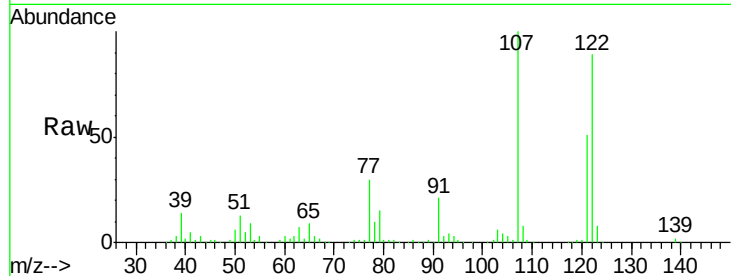




#27
 2,4-Dimethylphenol
 Concen: 45.377 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

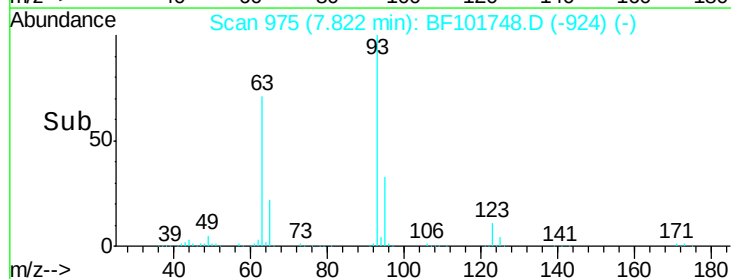
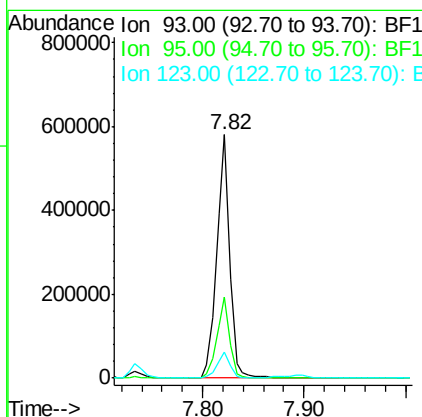
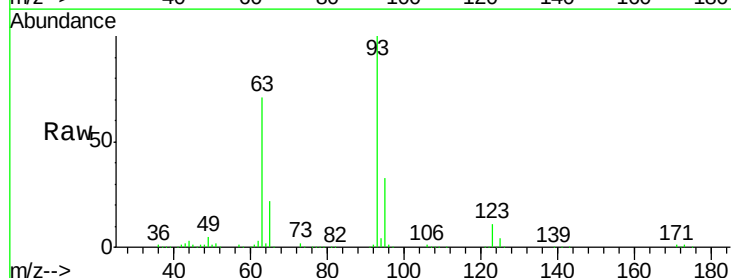
Instrument :
 BNA_F
 ClientSampleID :
 PB105328BS

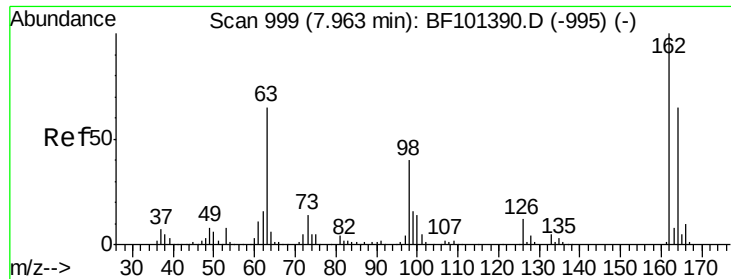
Tgt Ion: 122 Resp: 355261
 Ion Ratio Lower Upper
 122 100
 107 112.4 91.2 136.8
 121 57.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.810 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion: 93 Resp: 516390
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 10.9 9.8 14.6

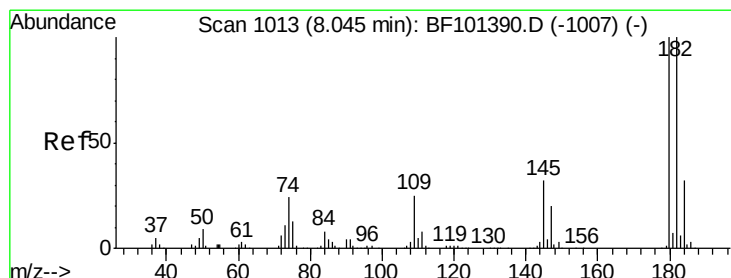
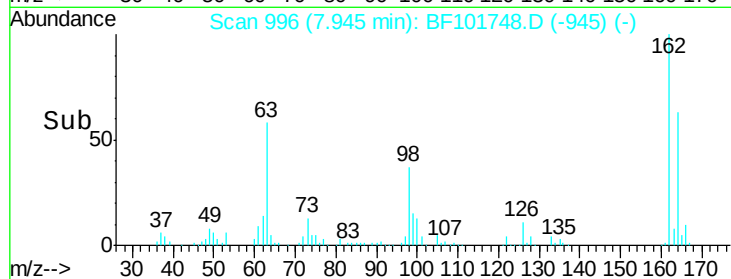
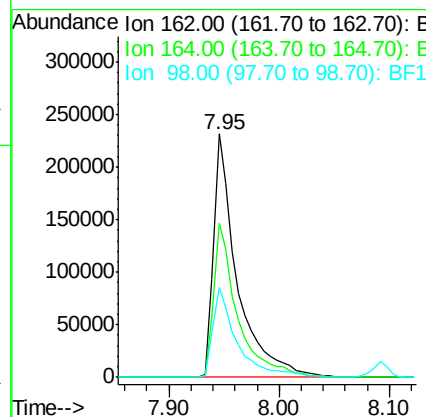
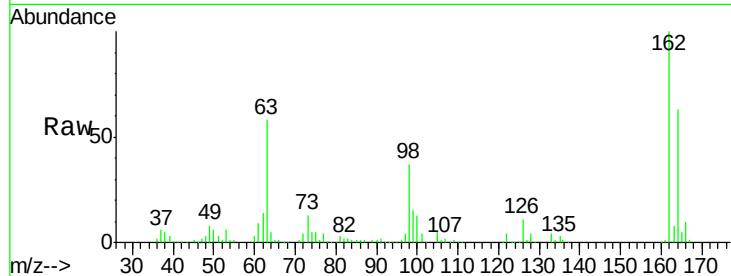




#29
 2,4-Dichlorophenol
 Concen: 43.725 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

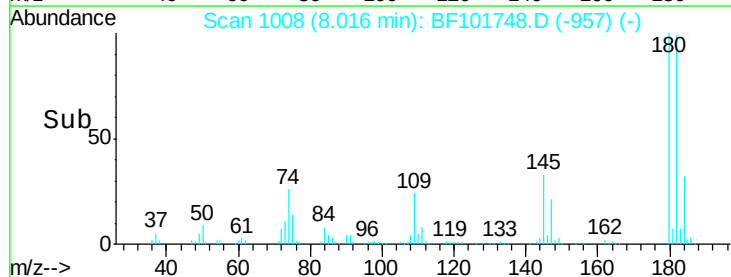
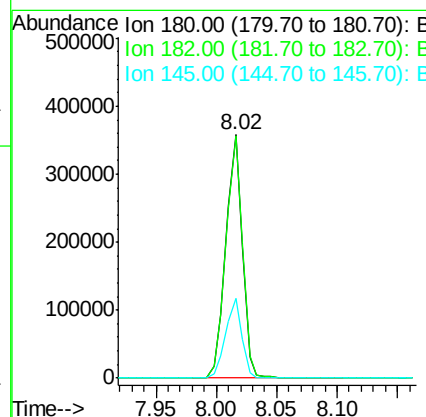
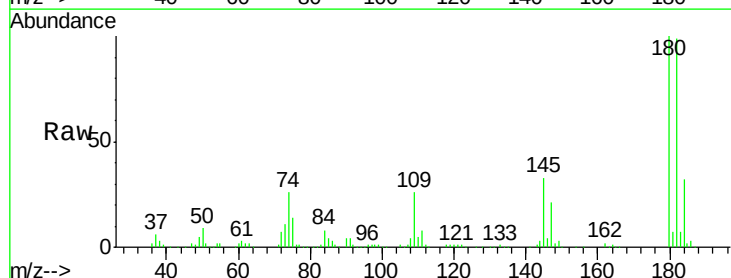
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

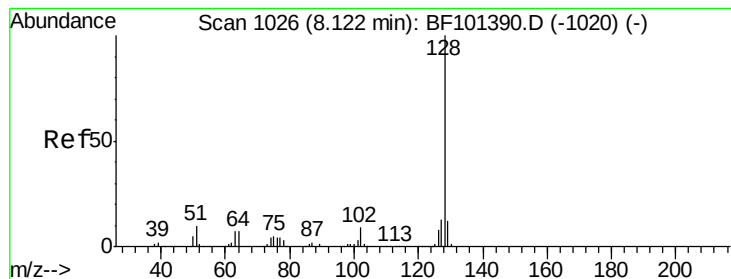
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	36.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.587 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.8	115.2
145	32.7	26.5	39.7





#31

Naphthalene

Concen: 41.014 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

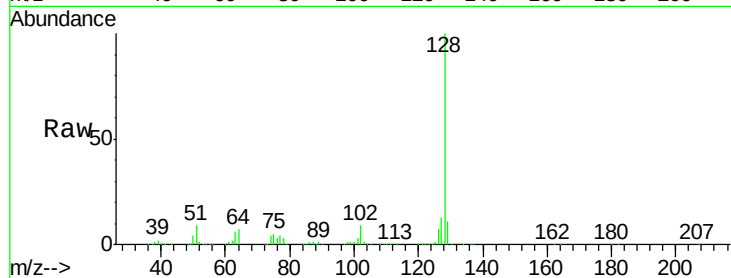
Tgt Ion:128 Resp: 1114017

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

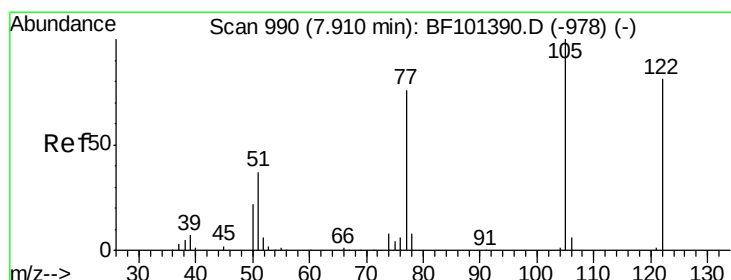
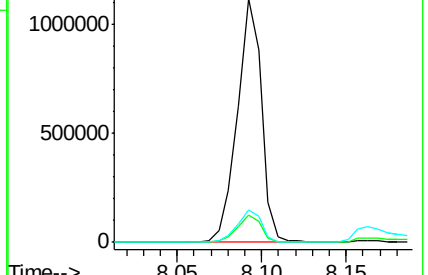
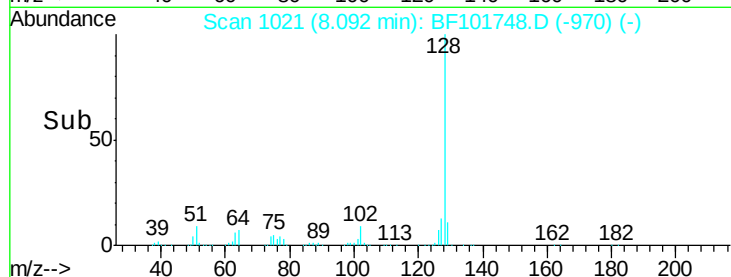
127 13.5 10.9 16.3



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: 37.042 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

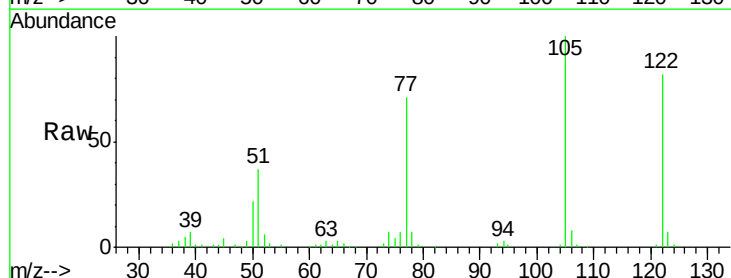
Tgt Ion:122 Resp: 183913

Ion Ratio Lower Upper

122 100

105 121.5 101.1 141.1

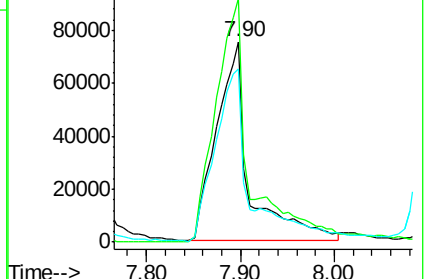
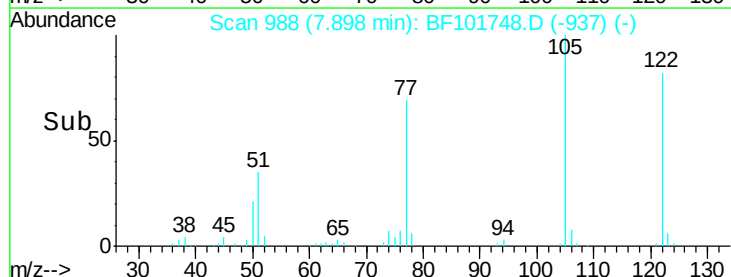
77 86.2 70.7 110.7

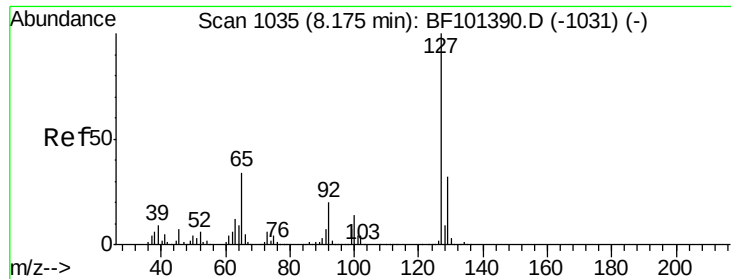


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

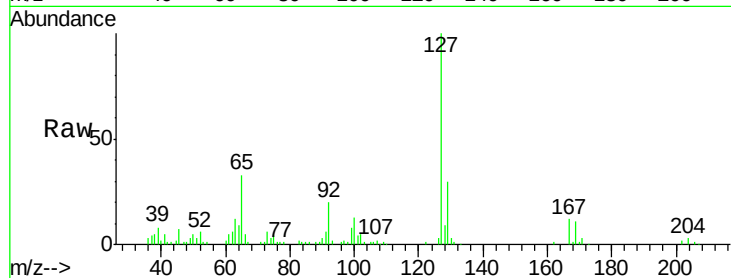




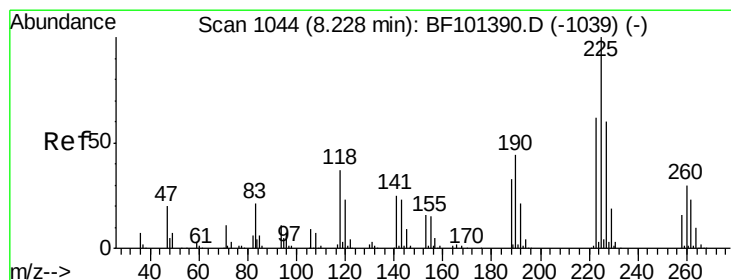
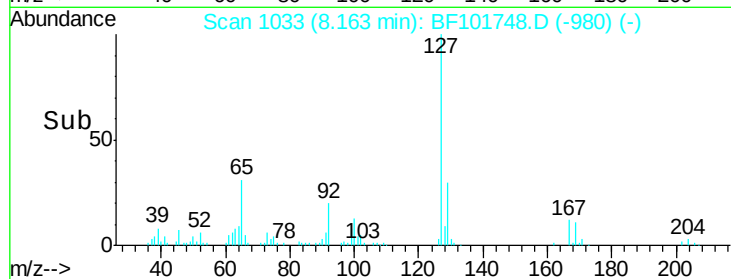
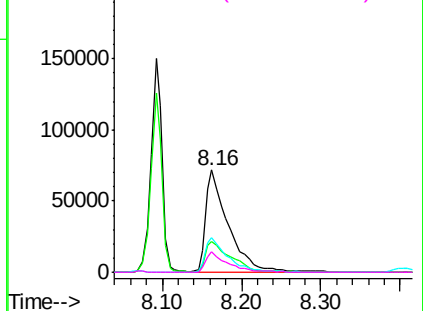
#33
4-Chloroaniline
Concen: 12.153 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Instrument :
BNA_F
ClientSampleId :
PB105328BS

Tgt Ion:	127	Resp:	143474
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.9	38.9
65	33.3	25.0	37.4
92	19.6	15.2	22.8

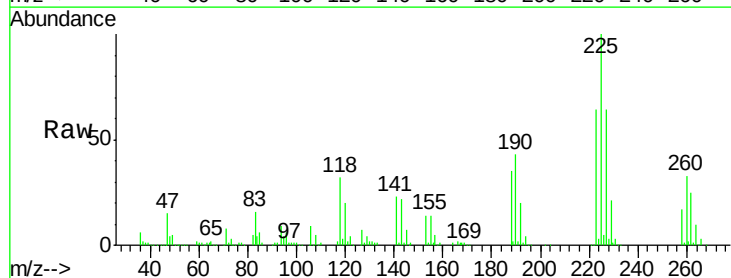


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

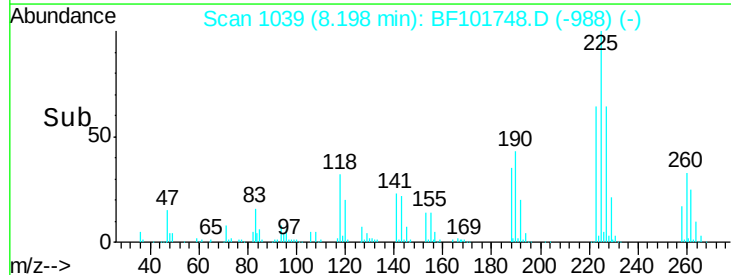
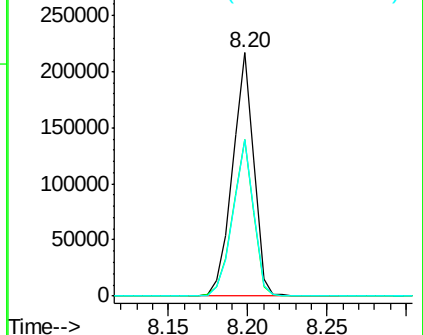


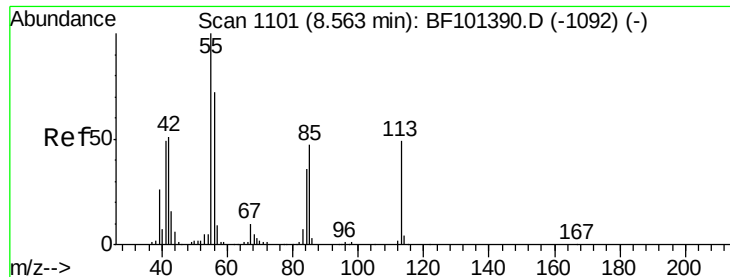
#34
Hexachlorobutadiene
Concen: 42.689 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion:	225	Resp:	201537
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	64.5	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

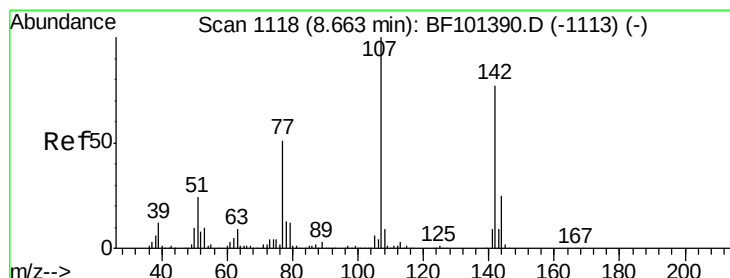
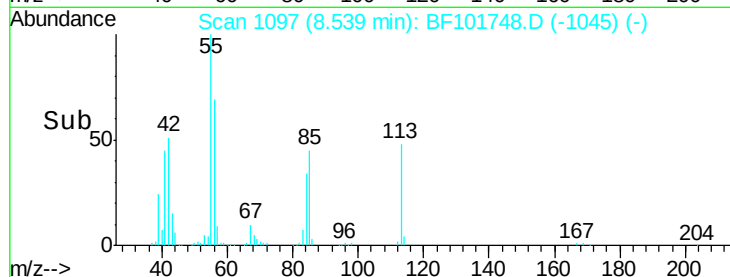
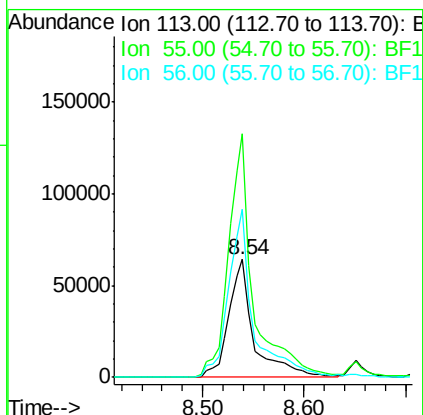
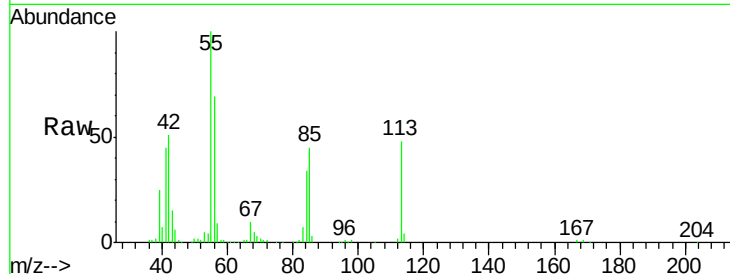




#35
 Caprolactam
 Concen: 41.396 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

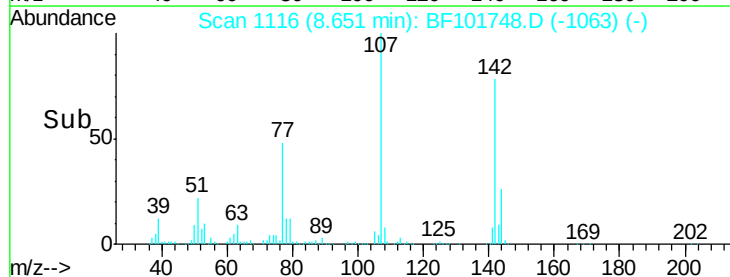
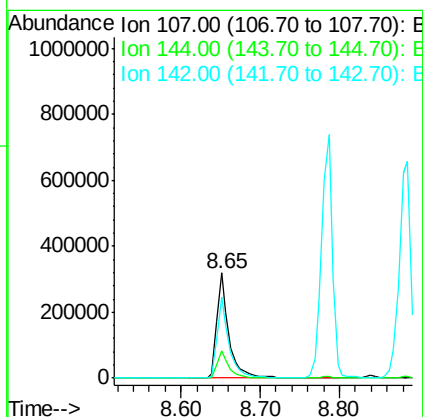
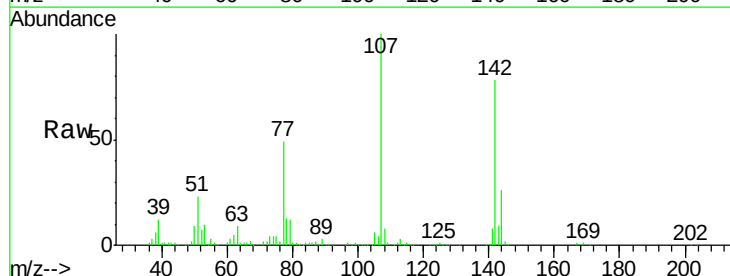
Instrument :
 BNA_F
 ClientSampleID :
 PB105328BS

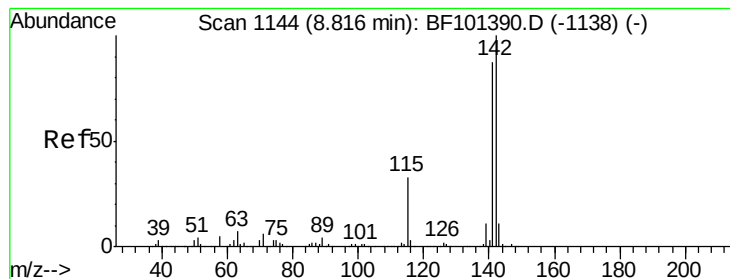
Tgt Ion:113 Resp: 111180
 Ion Ratio Lower Upper
 113 100
 55 206.4 163.3 203.3#
 56 142.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.373 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion:107 Resp: 334726
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 77.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 40.004 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

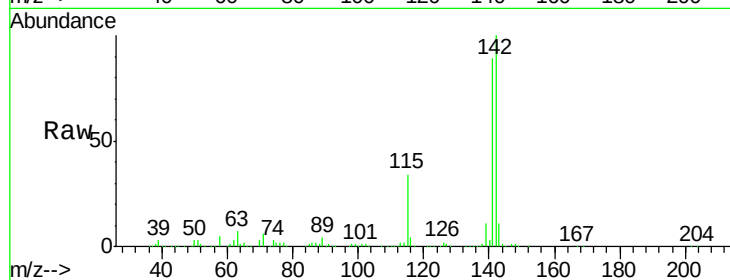
Tgt Ion:142 Resp: 707917

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

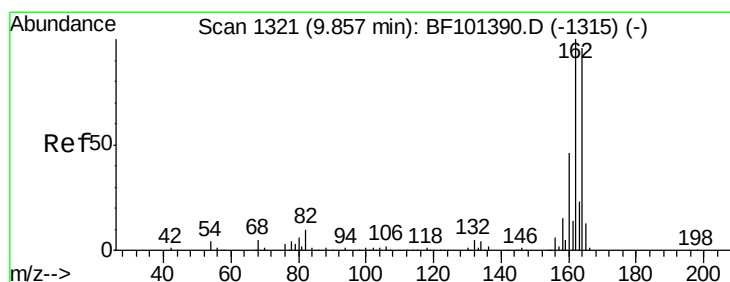
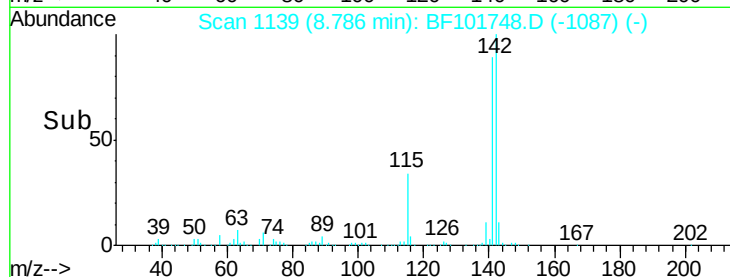
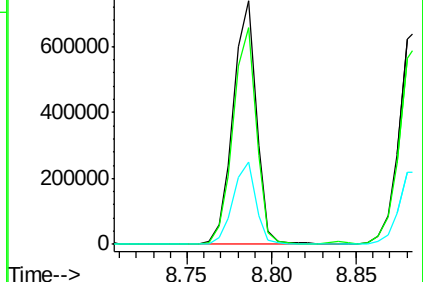
115 34.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

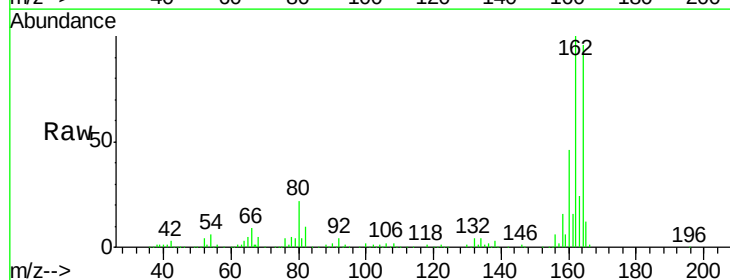
Tgt Ion:164 Resp: 214902

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

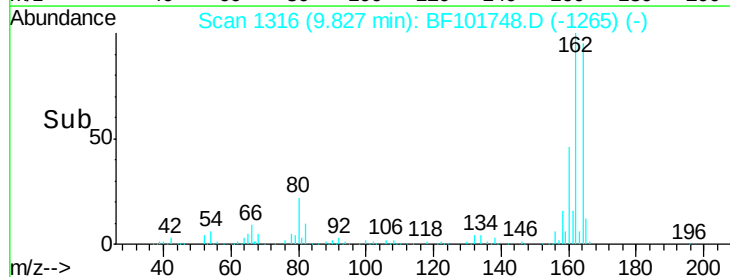
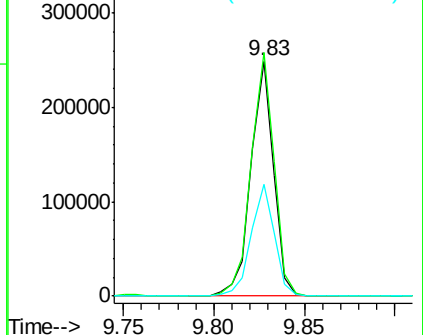
160 47.4 38.3 57.5

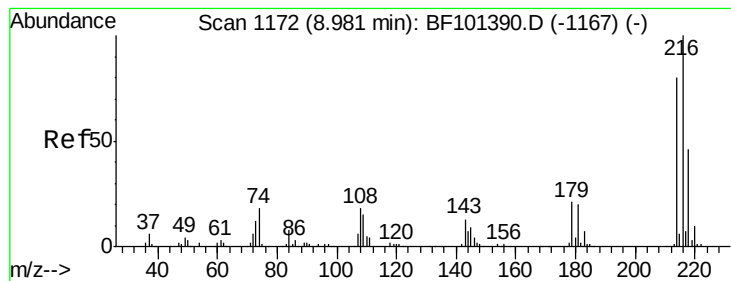


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

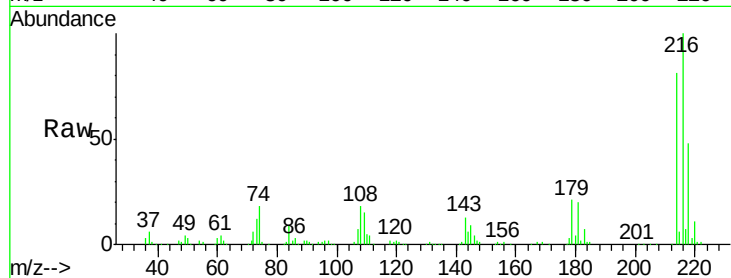




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.092 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.6	18.1	27.1
108	17.4	17.2	25.8

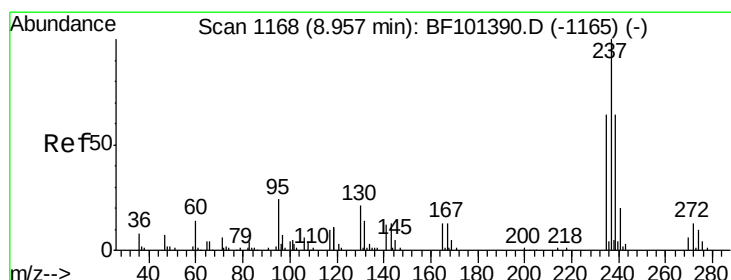
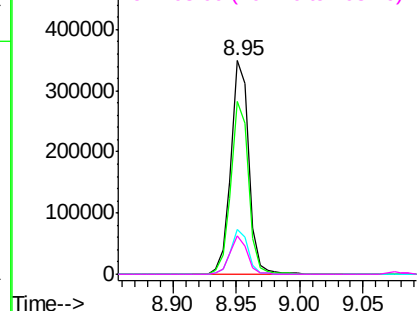
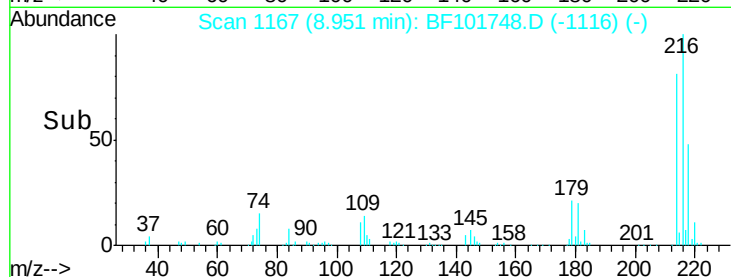


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

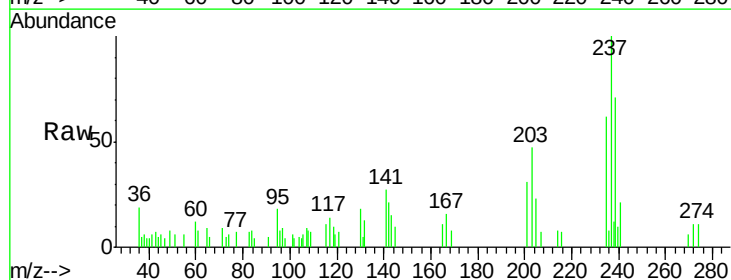
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 16.564 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

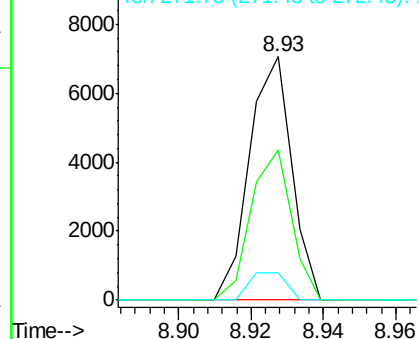
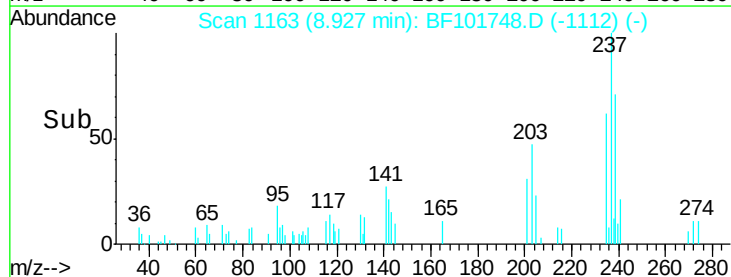
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	44.8	84.8
272	11.3	0.0	33.3

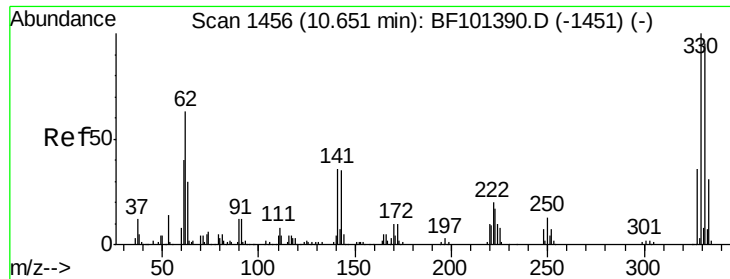


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

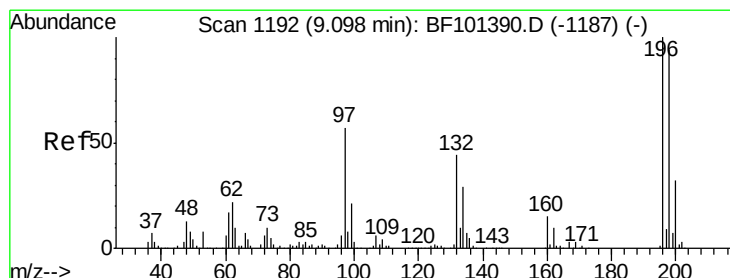
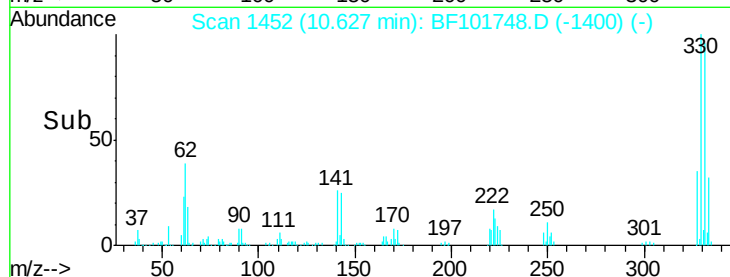
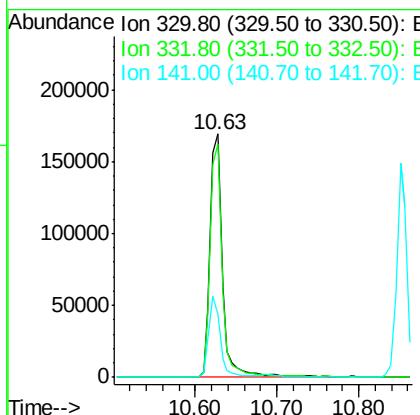
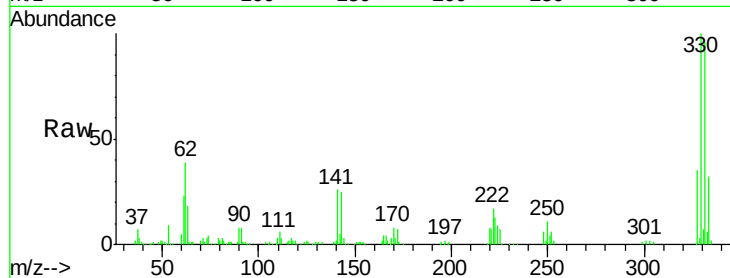




#41
 2,4,6-Tribromophenol
 Concen: 86.333 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

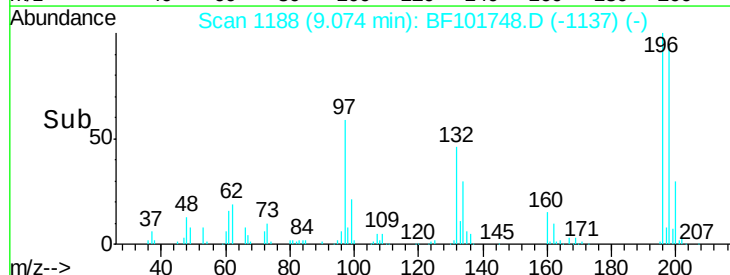
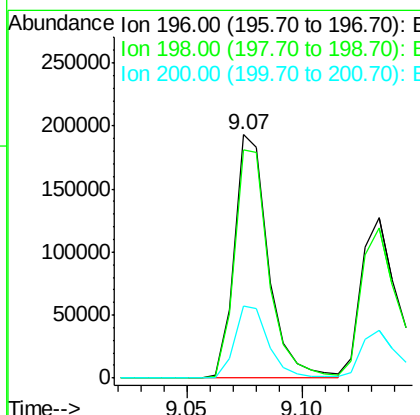
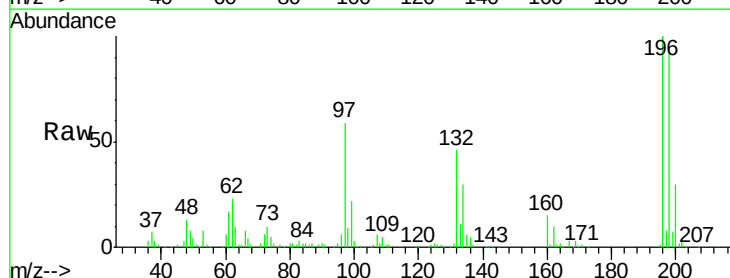
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

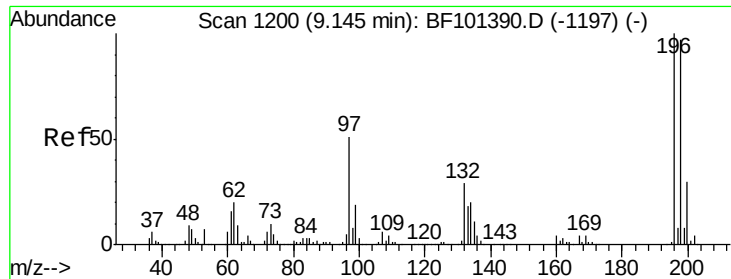
Tgt Ion:330 Resp: 178774
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.0 115.6
 141 31.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.314 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion:196 Resp: 197935
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 29.5 24.5 36.7

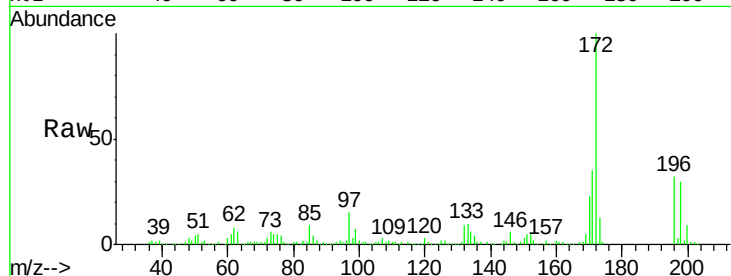




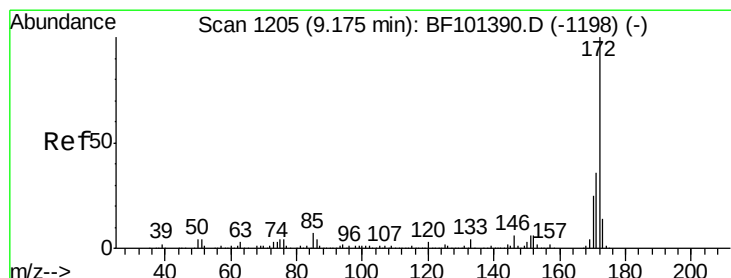
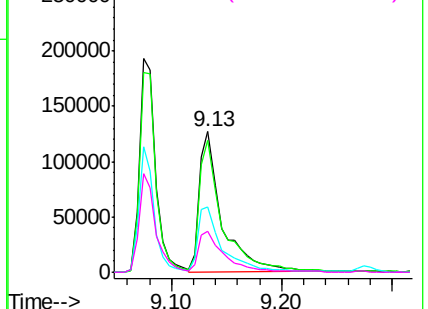
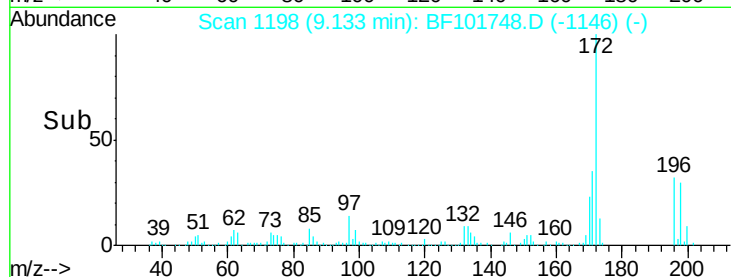
#43
 2,4,5-Trichlorophenol
 Concen: 36.925 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	46.6	42.9	64.3
132	28.8	26.3	39.5

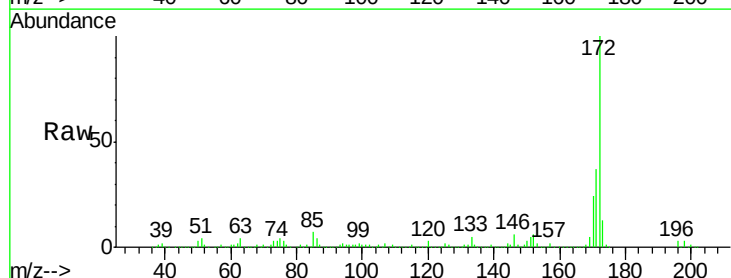


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

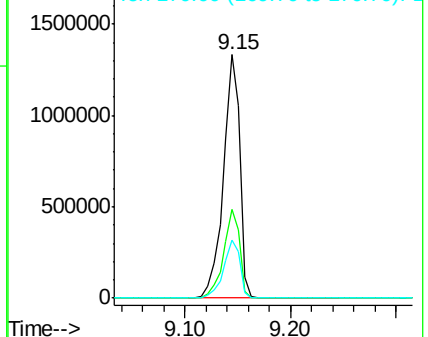
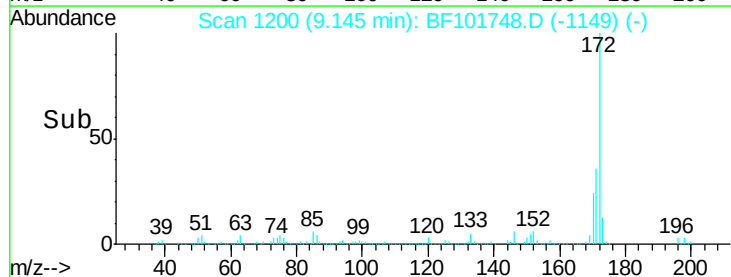


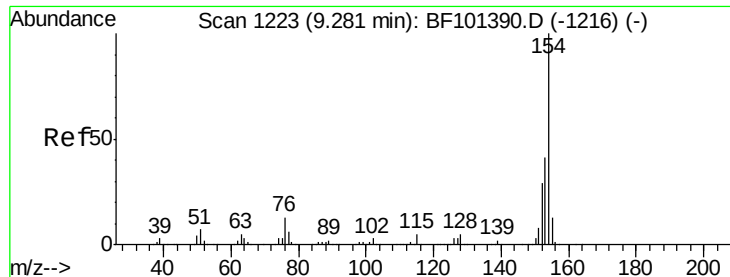
#44
 2-Fluorobiphenyl
 Concen: 103.448 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	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

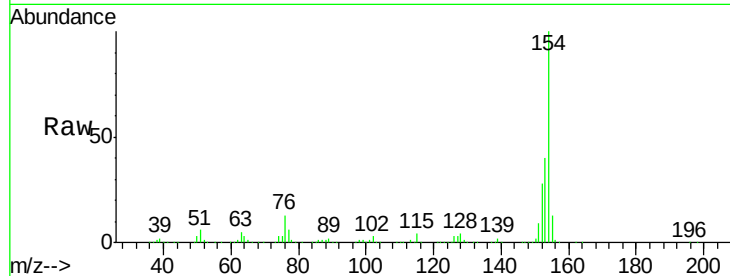




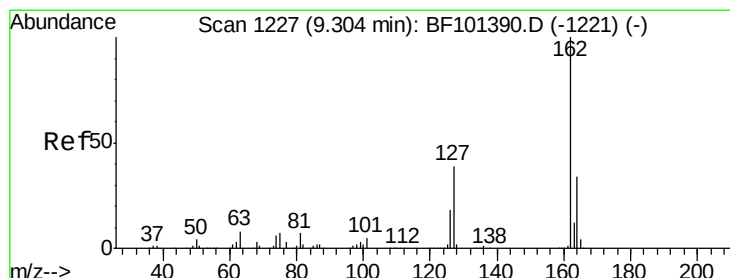
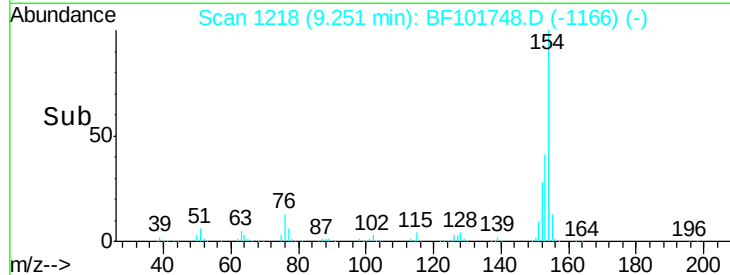
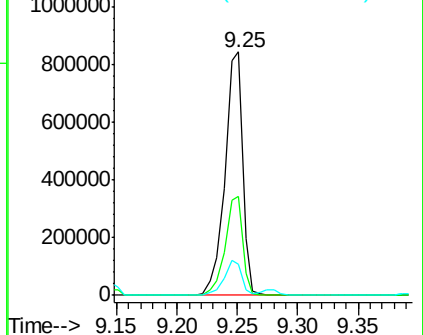
#45
 1,1'-Biphenyl
 Concen: 45.150 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Instrument :
 BNA_F
 ClientSampled :
 PB105328BS

Tgt Ion:154 Resp: 860494
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 12.6 0.0 34.0

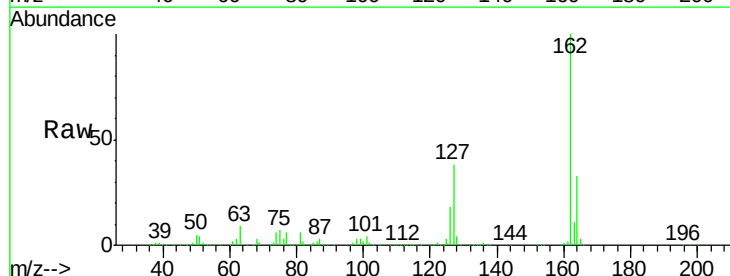


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

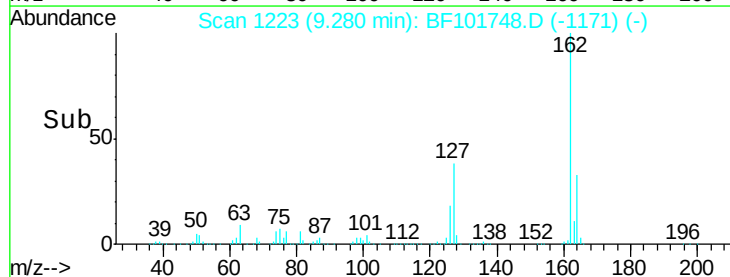
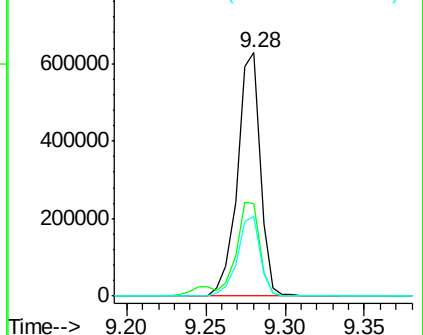


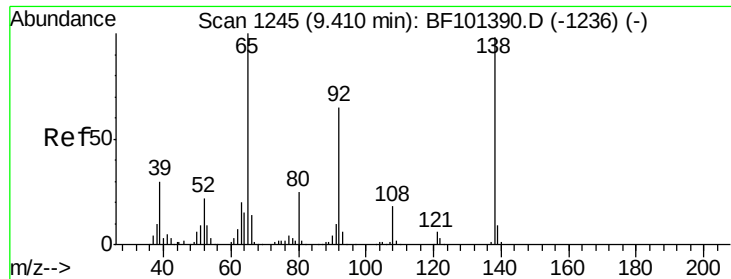
#46
 2-Chloronaphthalene
 Concen: 43.155 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion:162 Resp: 629321
 Ion Ratio Lower Upper
 162 100
 127 38.2 33.9 50.9
 164 33.0 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

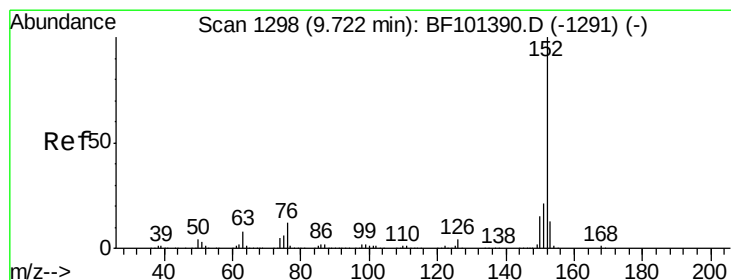
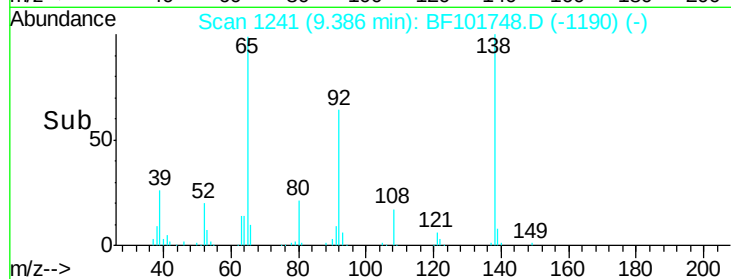
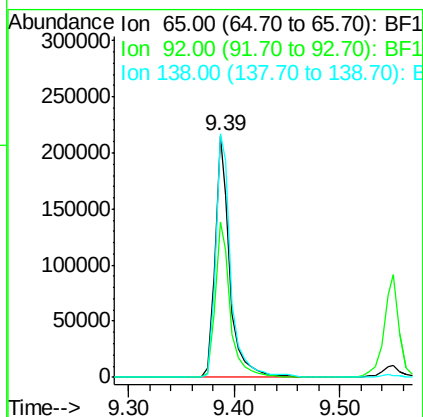
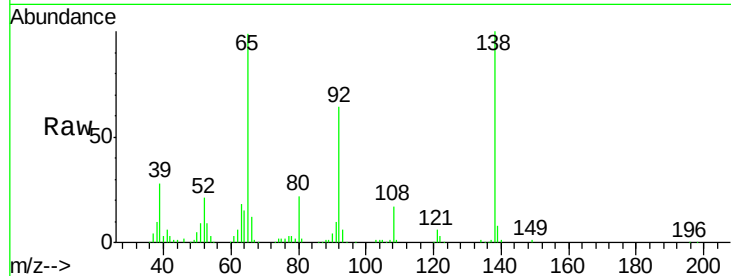




#47
2-Nitroaniline
Concen: 42.124 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

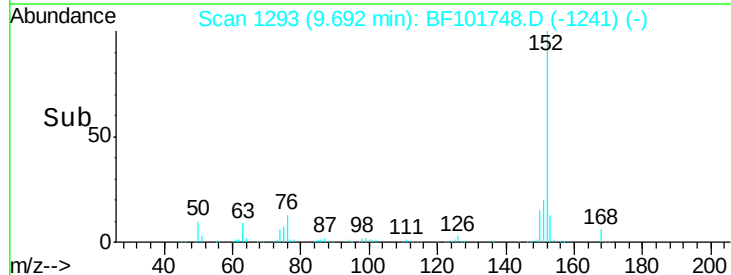
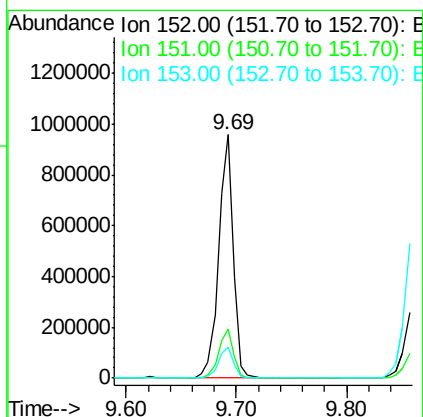
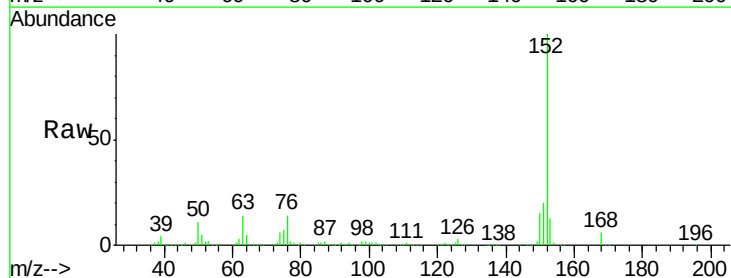
Instrument :
BNA_F
ClientSampleId :
PB105328BS

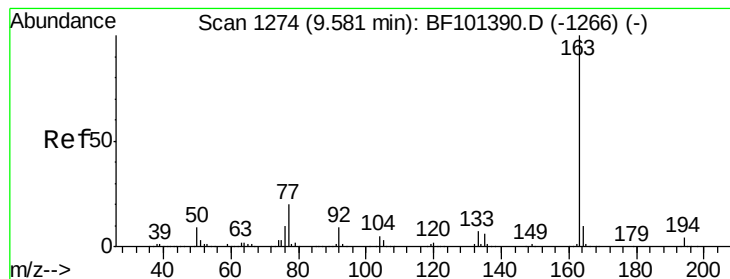
Tgt Ion: 65 Resp: 212205
Ion Ratio Lower Upper
65 100
92 64.5 55.8 83.6
138 100.8 91.2 136.8



#48
Acenaphthylene
Concen: 38.070 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion: 152 Resp: 876882
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 41.496 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

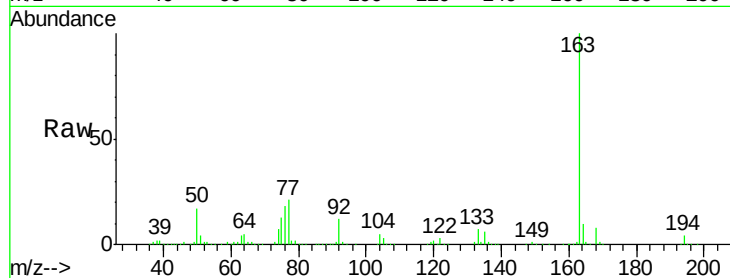
Tgt Ion:163 Resp: 717296

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

164 9.8 8.2 12.2

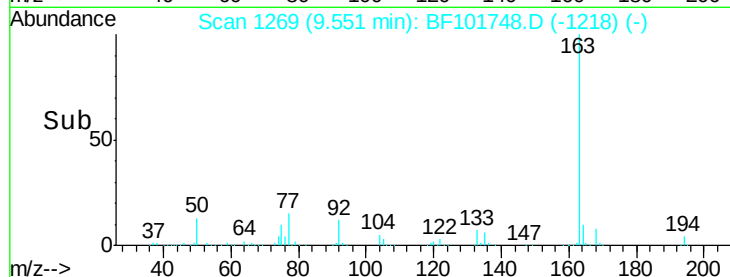


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

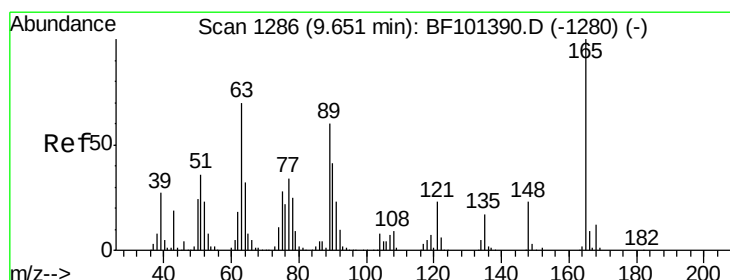
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#50

2,6-Dinitrotoluene

Concen: 41.081 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

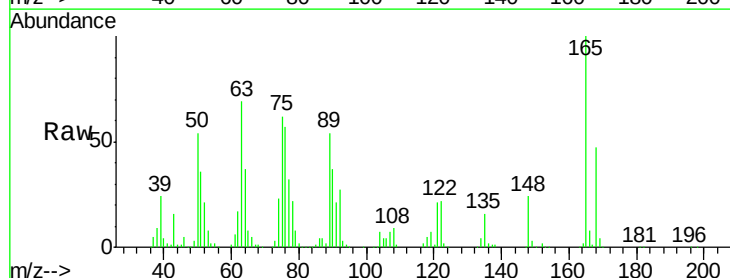
Tgt Ion:165 Resp: 144326

Ion Ratio Lower Upper

165 100

63 68.9 44.7 67.1#

89 54.1 44.0 66.0

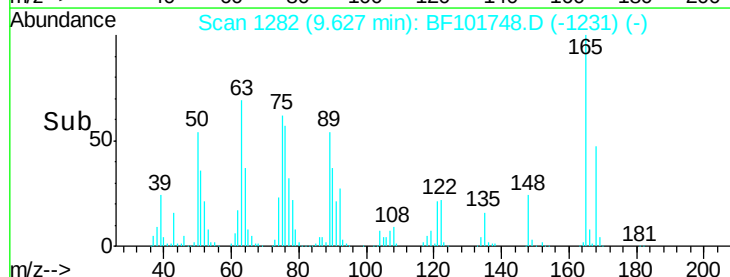


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

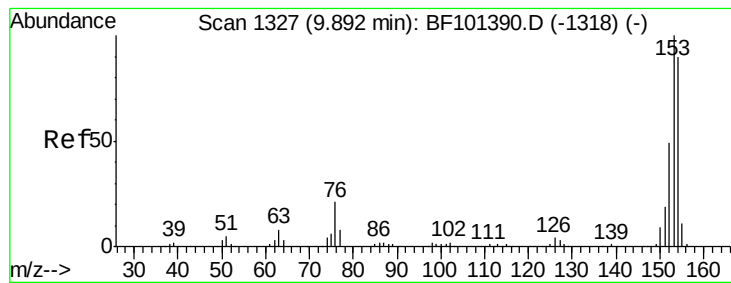
Ion 89.00 (88.70 to 89.70): BF1

Time-->



Abundance

Time-->



#51

Acenaphthene

Concen: 38.805 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

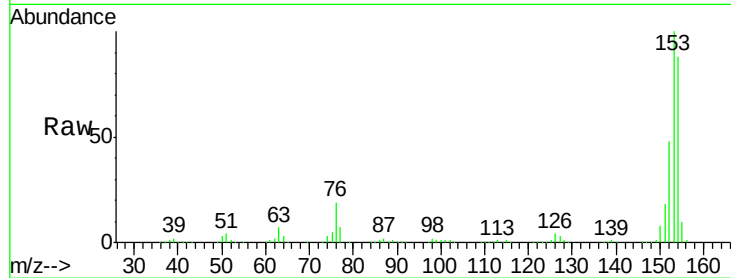
Tgt Ion:154 Resp: 536990

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

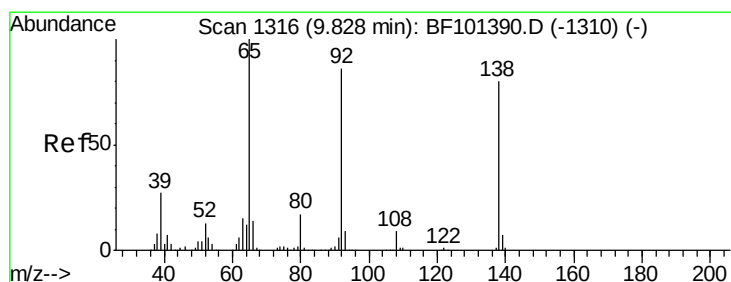
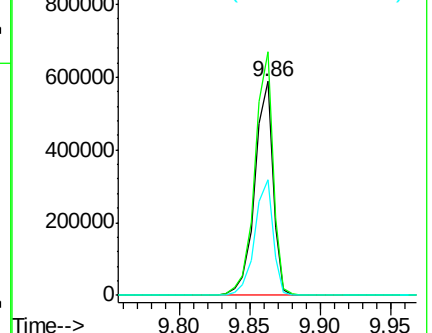
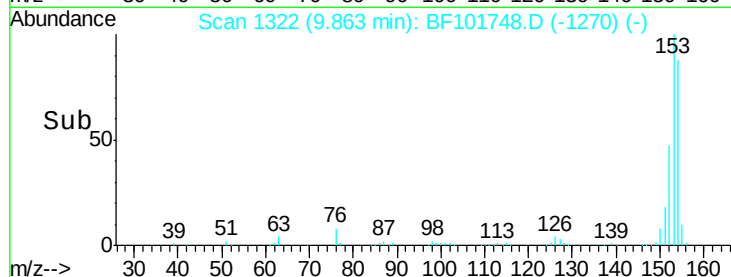
152 54.1 43.8 65.8



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: 24.921 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

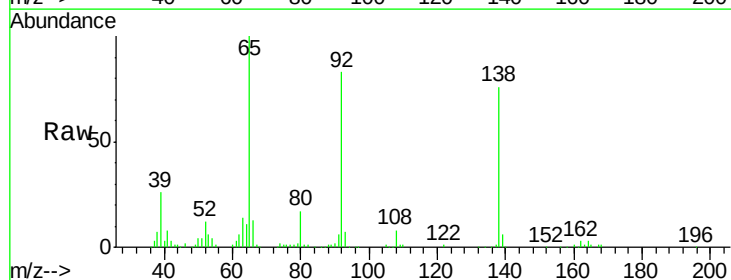
Tgt Ion:138 Resp: 109157

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

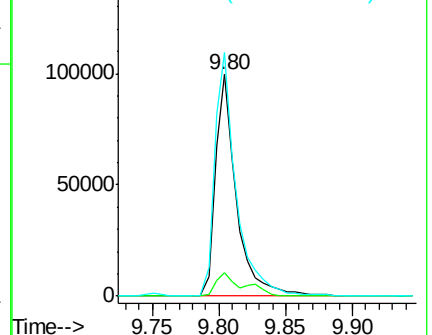
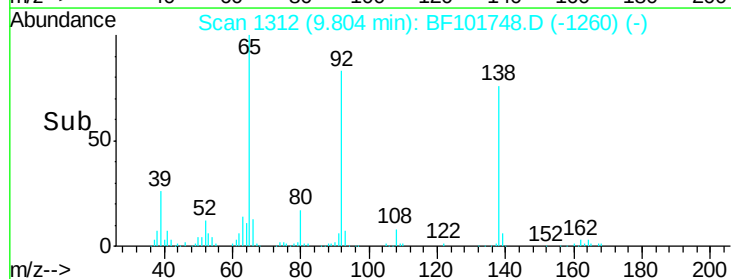
92 110.0 89.4 134.2

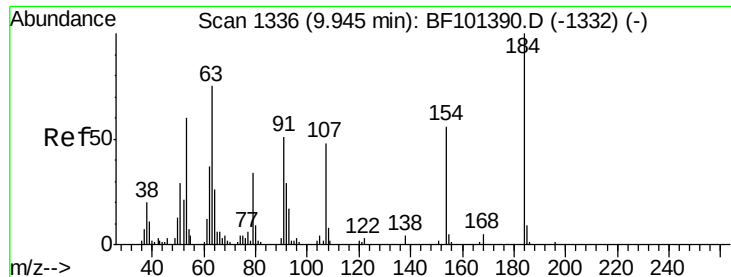


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

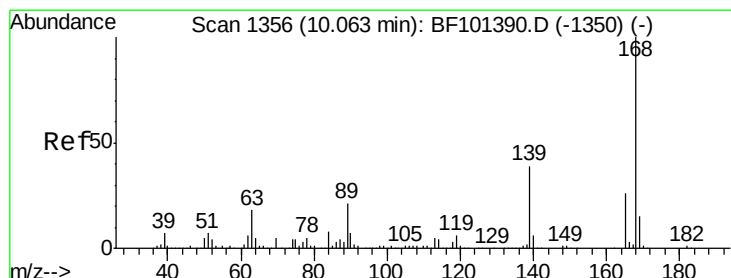
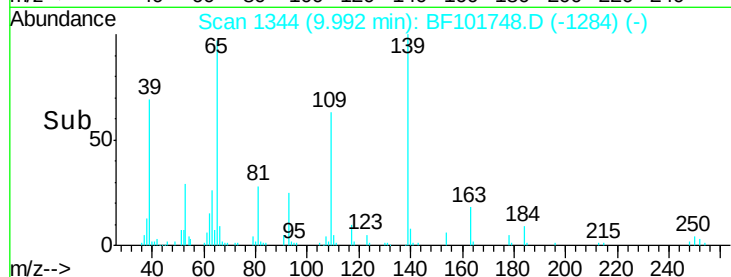
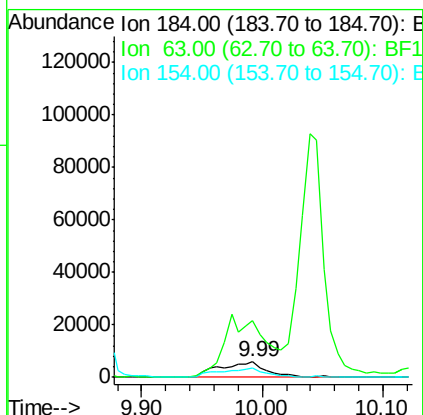
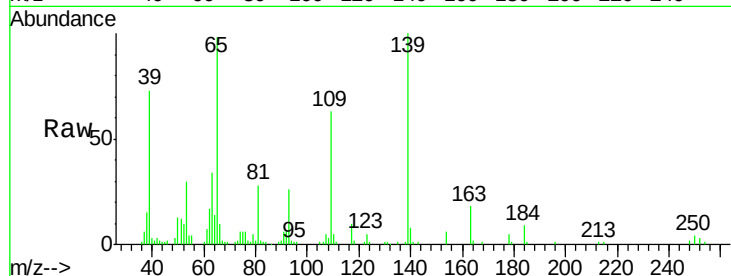




#53
2,4-Dinitrophenol
Concen: 21.812 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.05 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

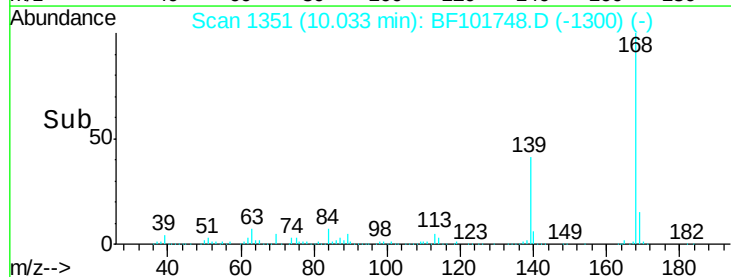
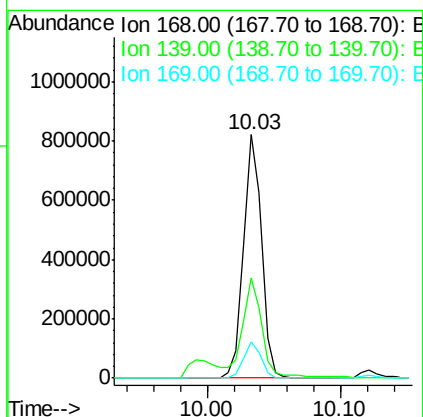
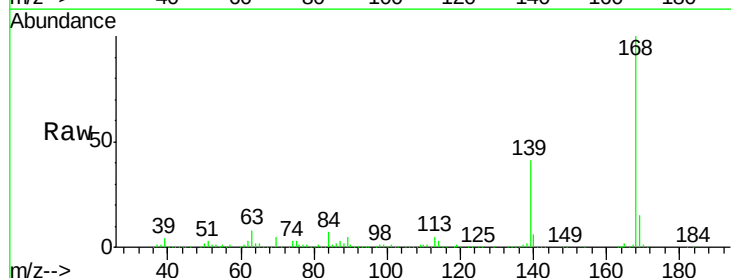
Instrument :
BNA_F
ClientSampleId :
PB105328BS

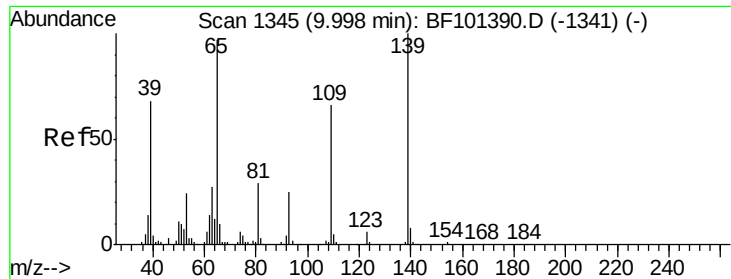
Tgt Ion:184 Resp: 16144
Ion Ratio Lower Upper
184 100
63 371.8 54.2 81.2#
154 62.5 184.0 276.0#



#54
Dibenzofuran
Concen: 43.812 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion:168 Resp: 770474
Ion Ratio Lower Upper
168 100
139 41.1 30.1 45.1
169 14.8 10.9 16.3

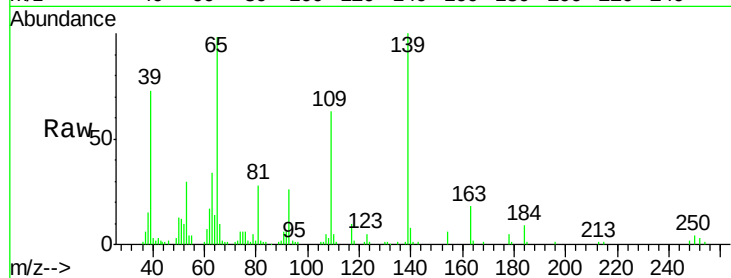




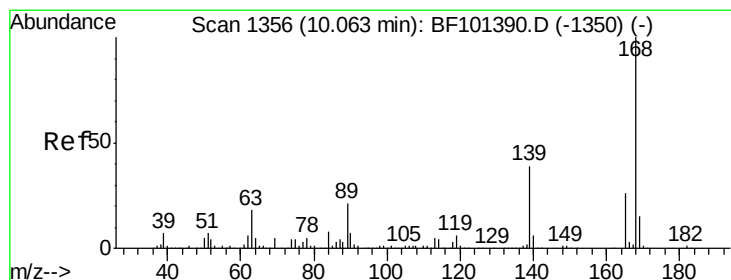
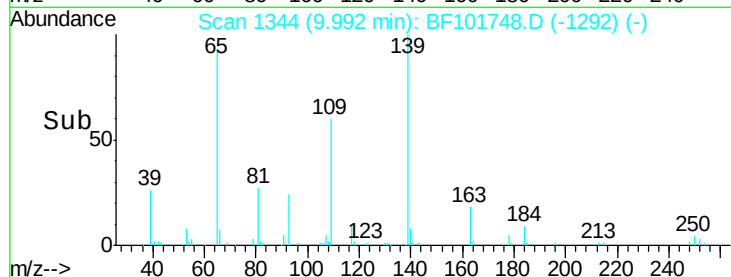
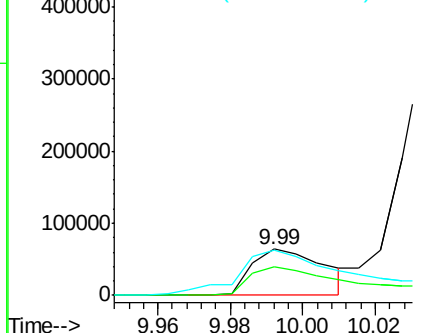
#55
4-Nitrophenol
Concen: 46.591 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Instrument :
BNA_F
ClientSampleId :
PB105328BS

Tgt Ion:139 Resp: 88985
Ion Ratio Lower Upper
139 100
109 63.4 48.4 88.4
65 98.0 72.6 112.6

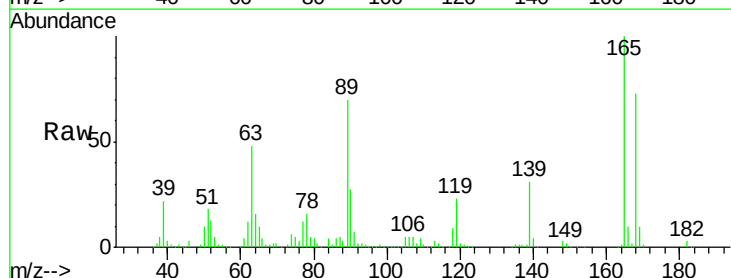


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

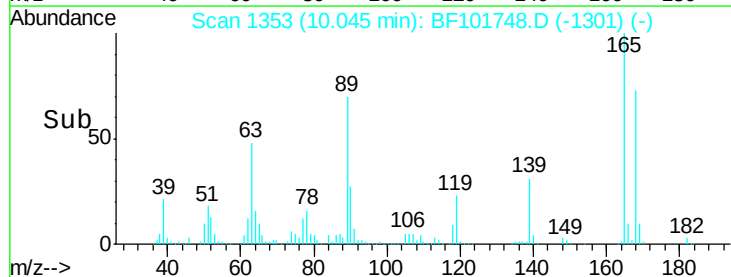
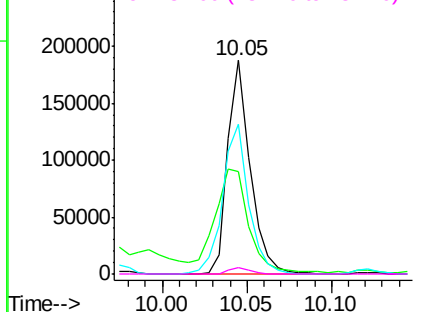


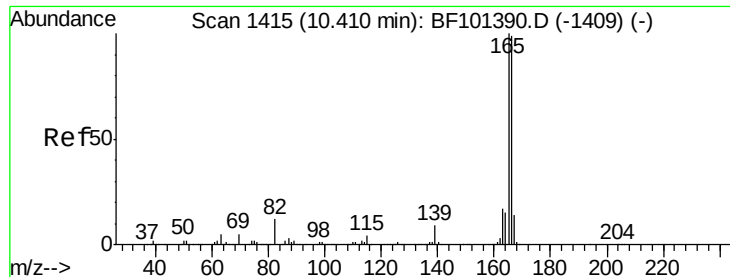
#56
2,4-Dinitrotoluene
Concen: 43.909 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion:165 Resp: 173805
Ion Ratio Lower Upper
165 100
63 48.1 36.4 54.6
89 69.9 57.8 86.6
182 2.9 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: 39.816 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

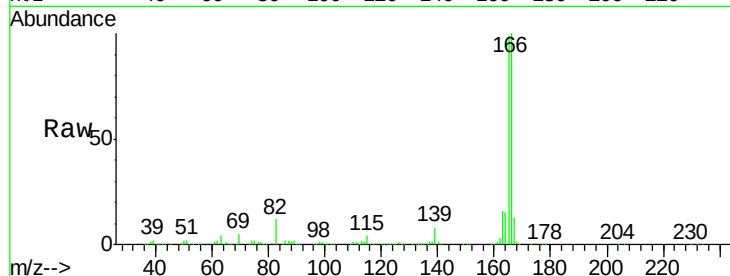
Tgt Ion:166 Resp: 592345

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

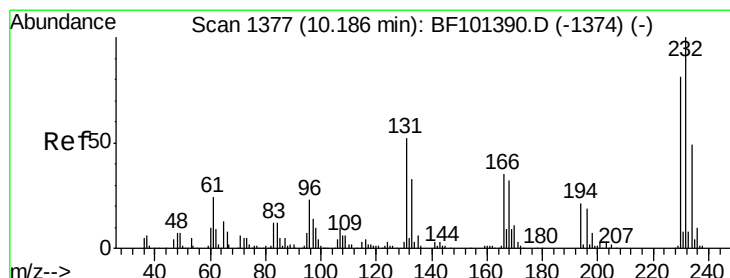
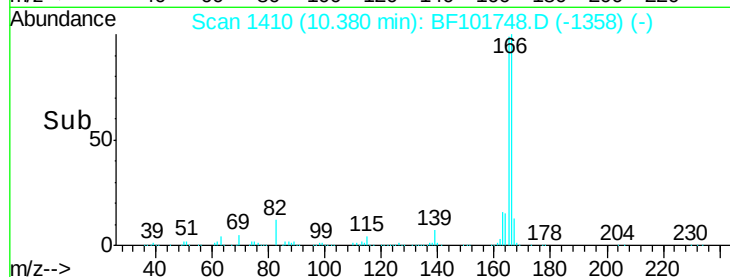
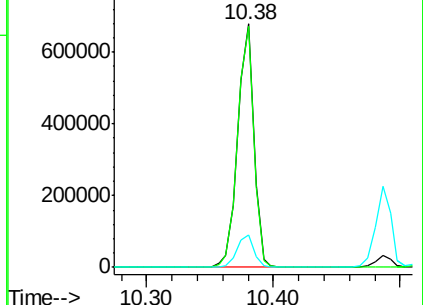
167 13.2 10.6 16.0



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: 40.773 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Tgt Ion:232 Resp: 140105

Ion Ratio Lower Upper

232 100

131 43.5 43.8 65.8#

130 2.0 2.1 3.1#

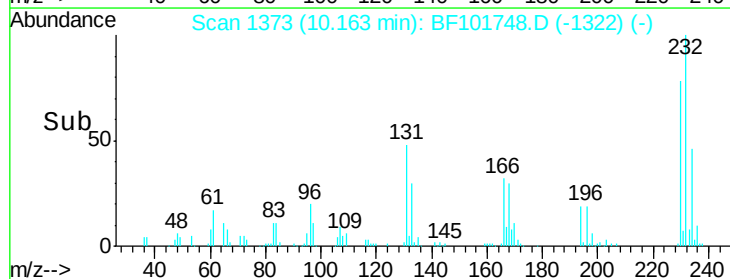
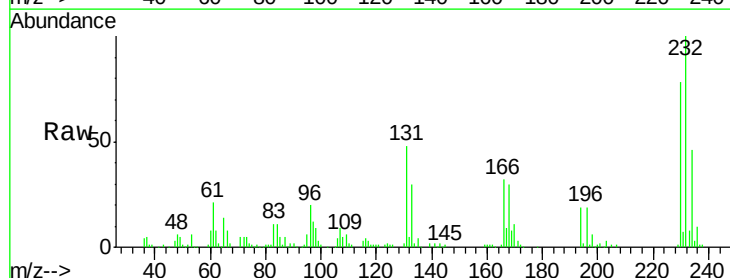
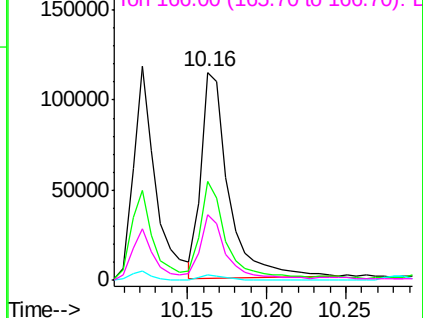
166 28.9 27.8 41.6

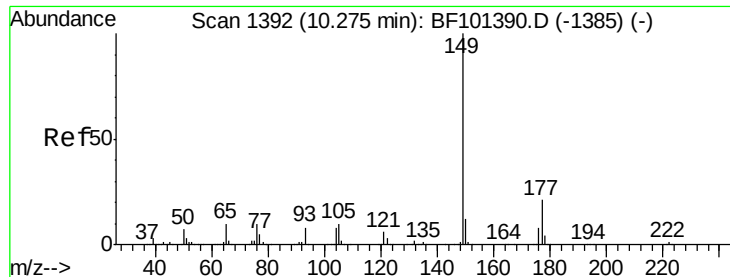
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.977 ng

RT: 10.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

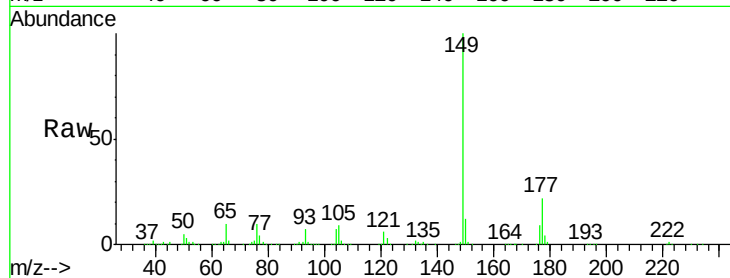
Tgt Ion:149 Resp: 701449

Ion Ratio Lower Upper

149 100

177 22.0 16.1 24.1

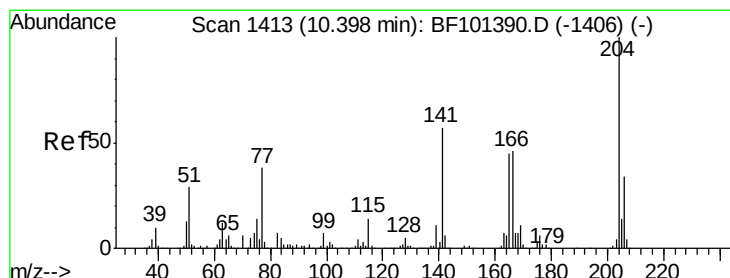
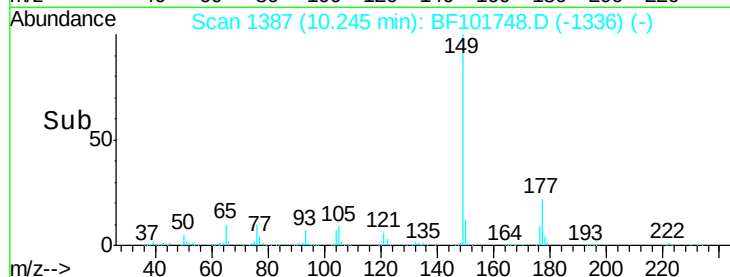
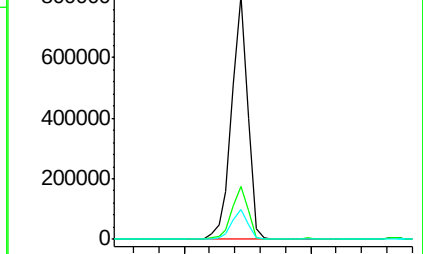
150 12.4 10.1 15.1



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: 42.298 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

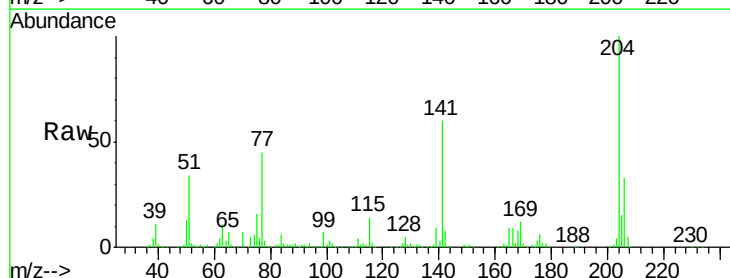
Tgt Ion:204 Resp: 301585

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

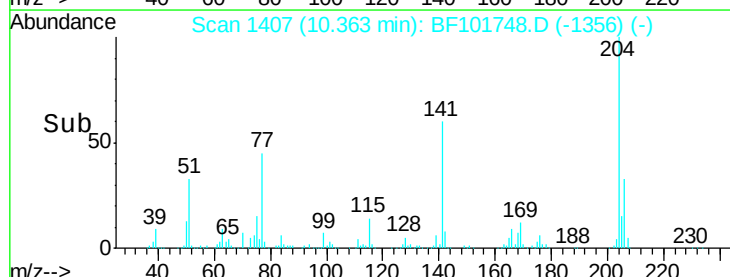
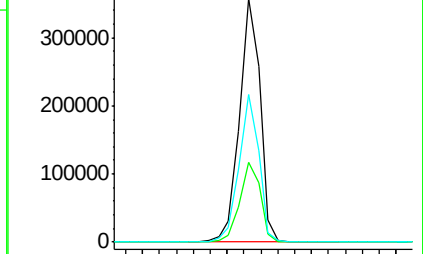
141 60.4 54.6 81.8

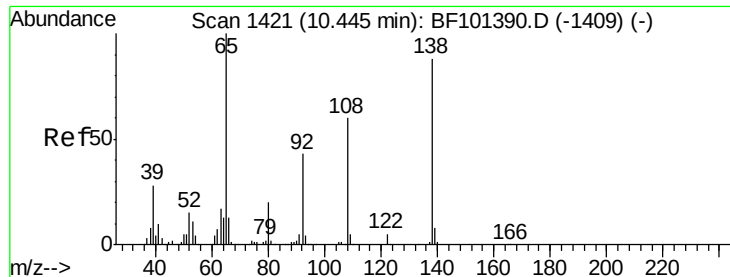


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

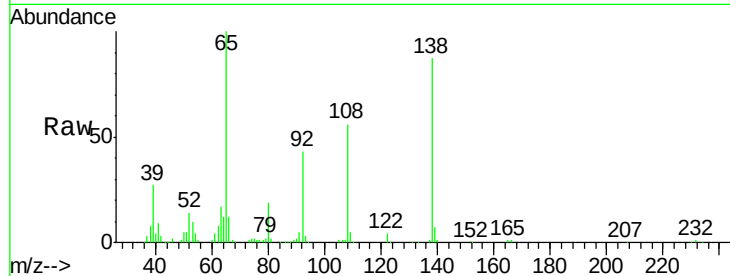




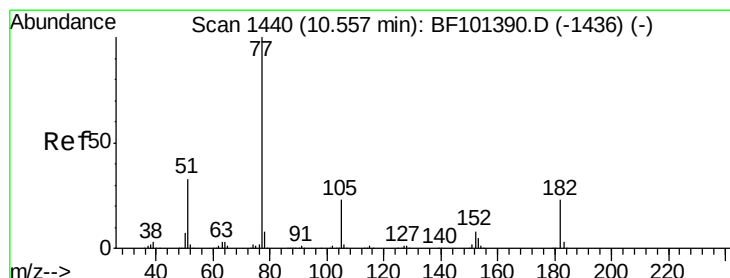
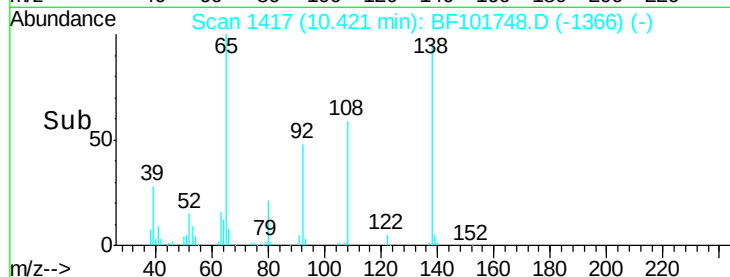
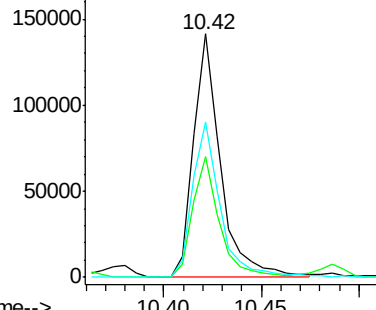
#61
4-Nitroaniline
Concen: 30.918 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Instrument :
BNA_F
ClientSampleId :
PB105328BS

Tgt Ion: 138 Resp: 136125
Ion Ratio Lower Upper
138 100
92 49.8 30.2 70.2
108 64.0 52.5 92.5

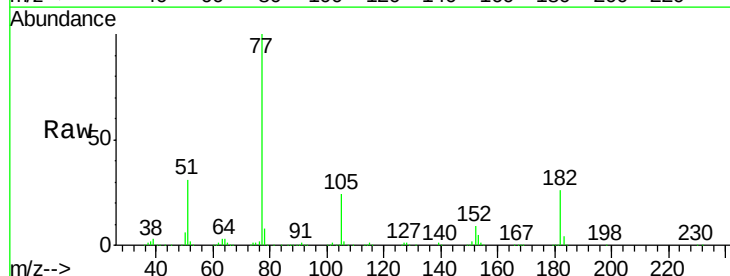


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

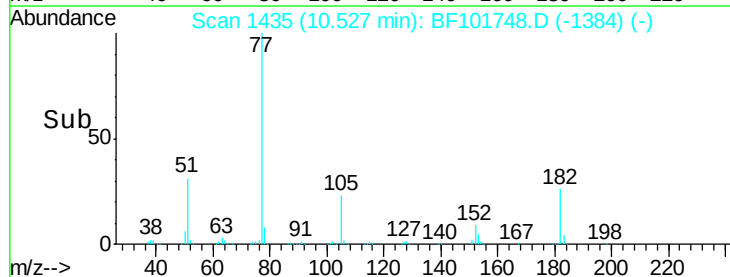
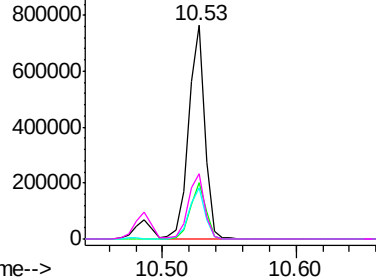


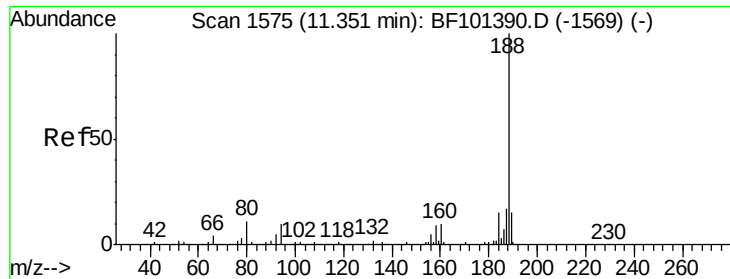
#62
Azobenzene
Concen: 36.757 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion: 77 Resp: 651799
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 23.8 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

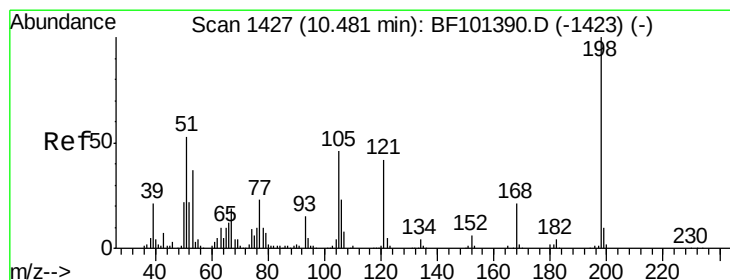
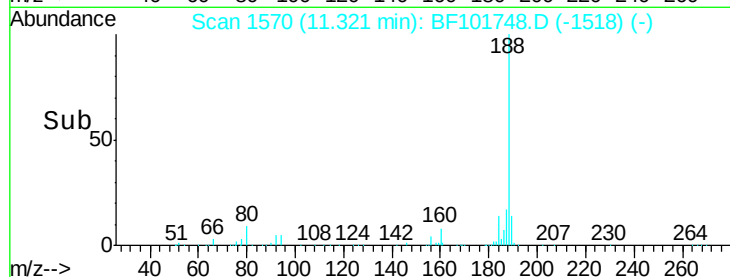
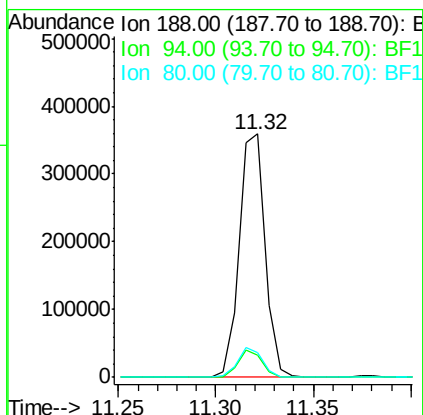
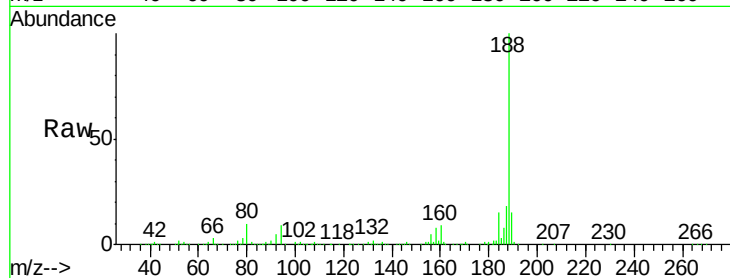




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

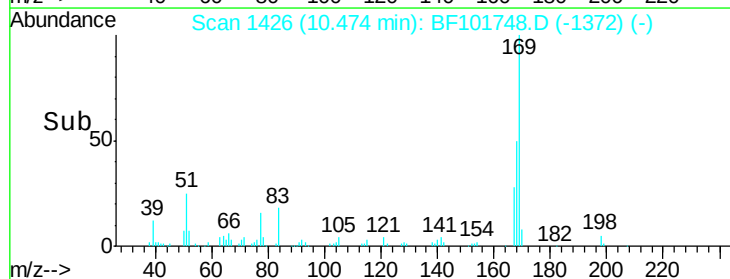
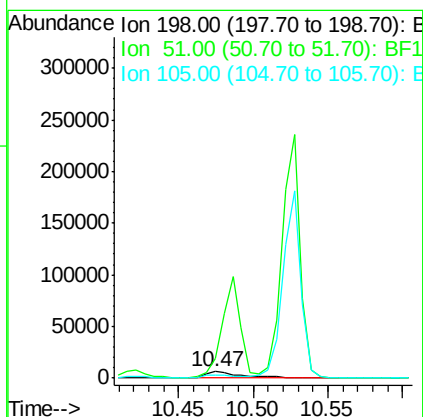
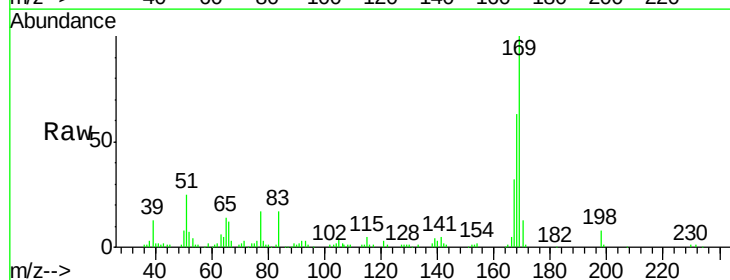
Instrument :
BNA_F
ClientSampleId :
PB105328BS

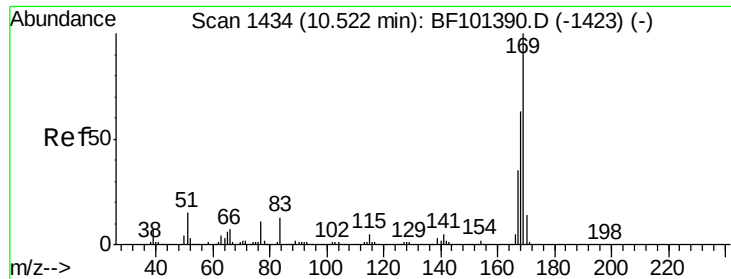
Tgt Ion:188 Resp: 329766
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.349 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion:198 Resp: 10685
Ion Ratio Lower Upper
198 100
51 319.2 37.7 77.7#
105 48.2 36.3 76.3

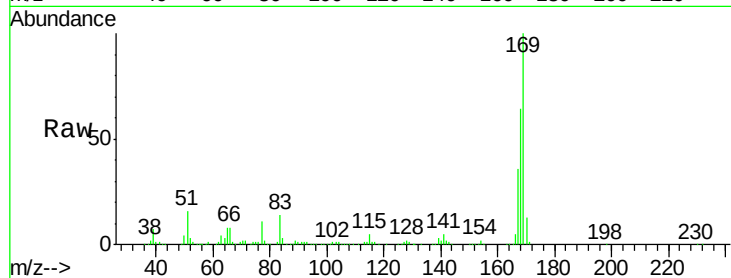




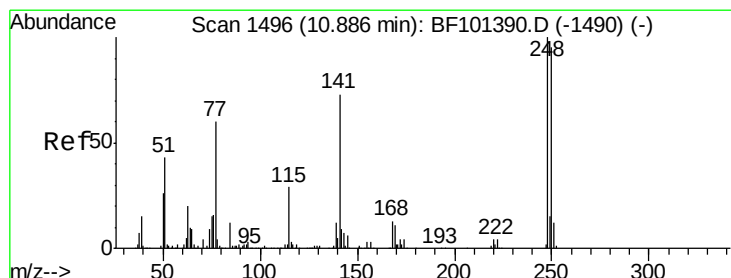
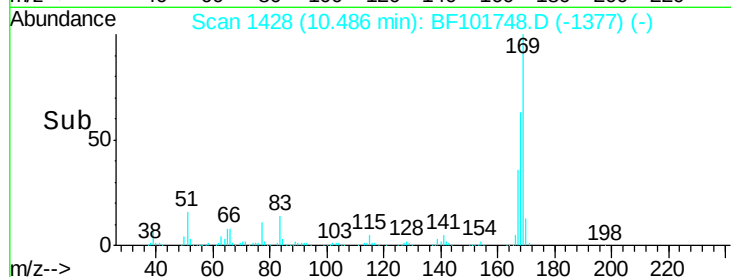
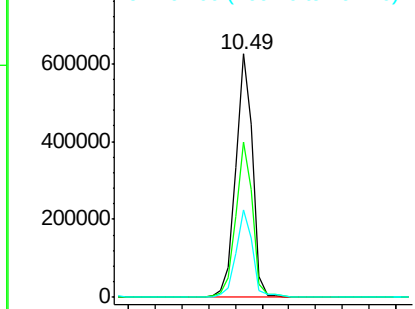
#65
 n-Nitrosodiphenylamine
 Concen: 45.461 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

Tgt Ion:169 Resp: 553552
 Ion Ratio Lower Upper
 169 100
 168 64.0 54.4 81.6
 167 36.0 29.8 44.6

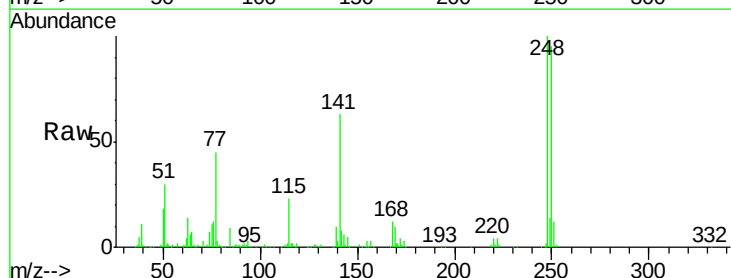


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

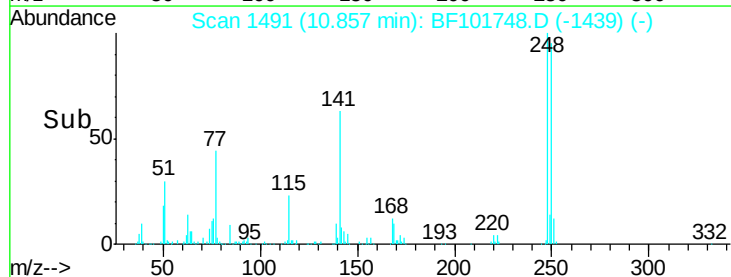
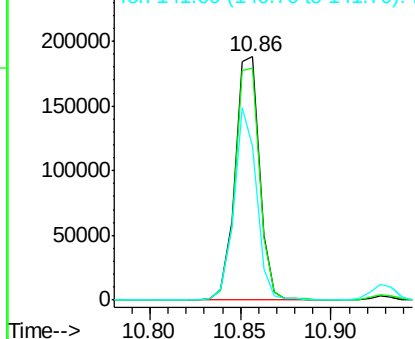


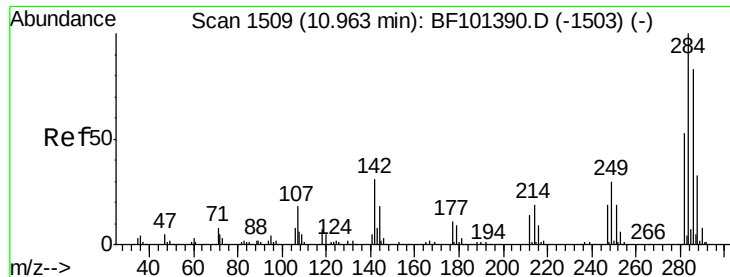
#66
 4-Bromophenyl-phenylether
 Concen: 47.975 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion:248 Resp: 177763
 Ion Ratio Lower Upper
 248 100
 250 95.3 76.9 115.3
 141 63.2 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: 43.839 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

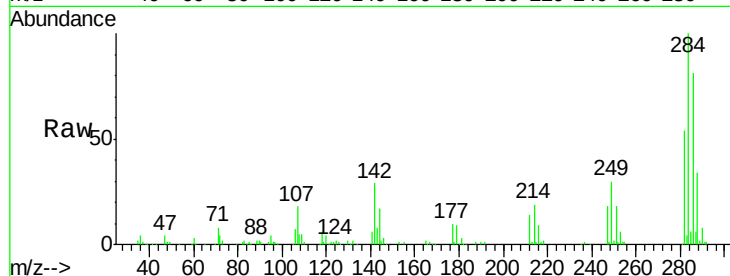
Tgt Ion:284 Resp: 171921

Ion Ratio Lower Upper

284 100

142 29.1 34.6 52.0#

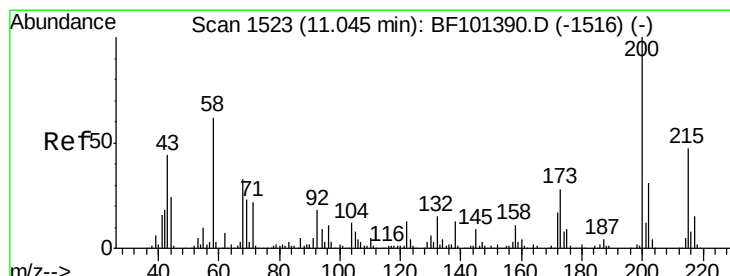
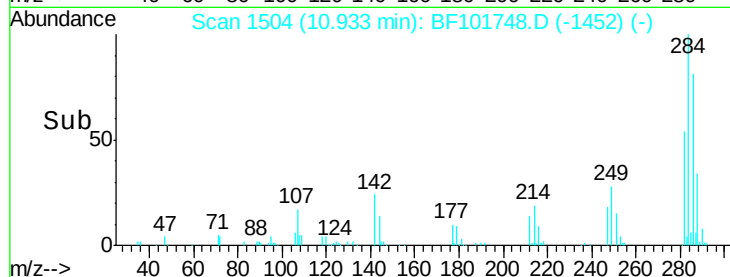
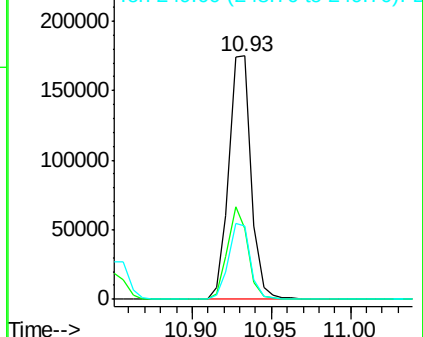
249 29.9 24.8 37.2



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: 46.012 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

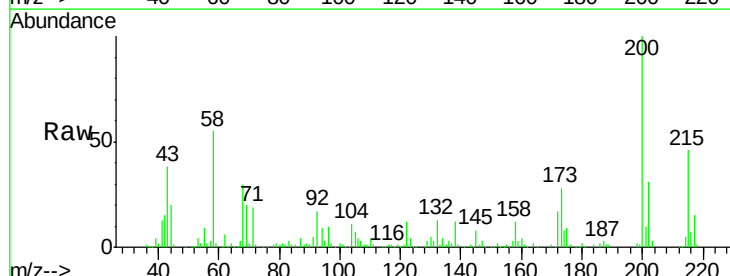
Tgt Ion:200 Resp: 167055

Ion Ratio Lower Upper

200 100

173 28.1 8.6 48.6

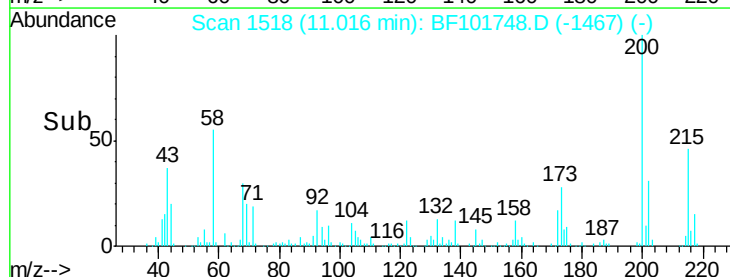
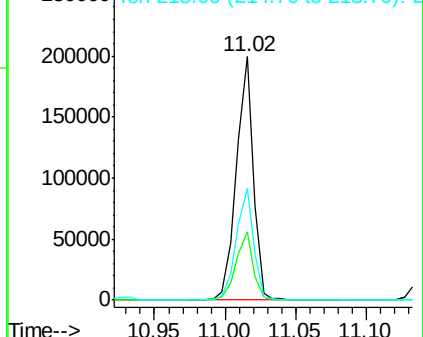
215 46.1 25.1 65.1

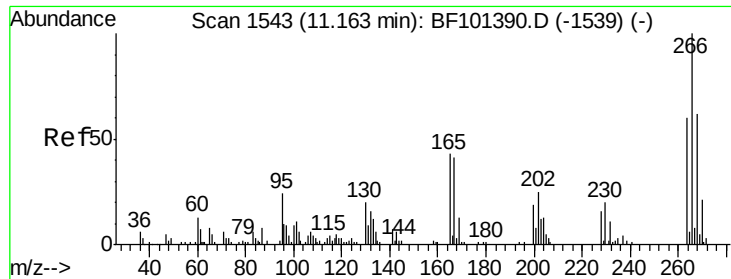


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 70.257 ng

RT: 11.14 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

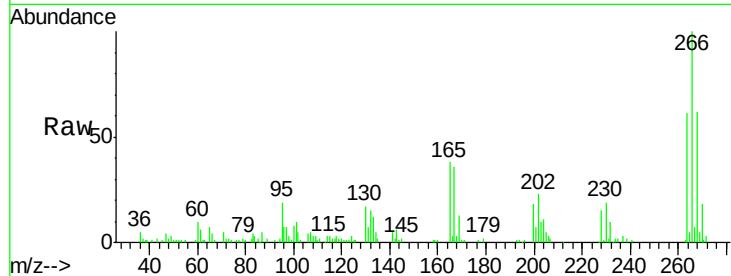
Tgt Ion:266 Resp: 105818

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

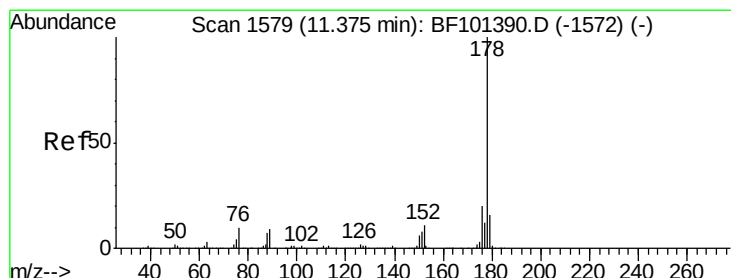
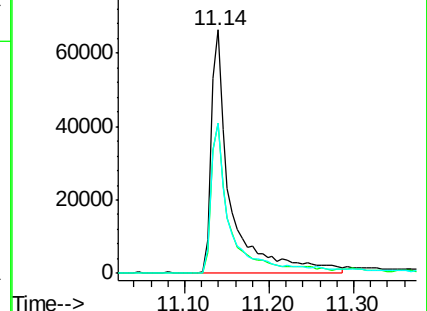
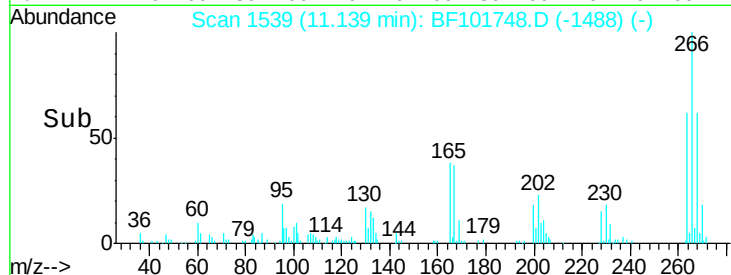
264 61.5 49.5 74.3



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: 42.148 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

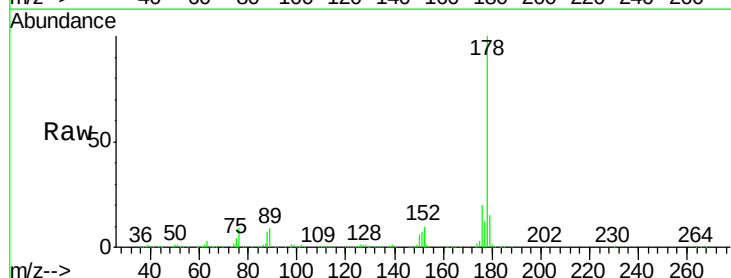
Tgt Ion:178 Resp: 772952

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

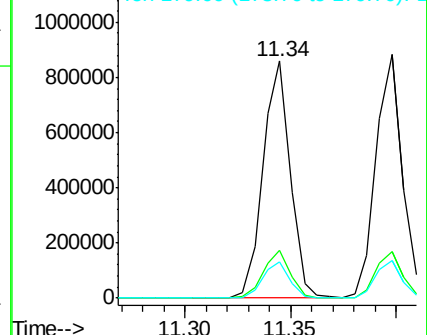
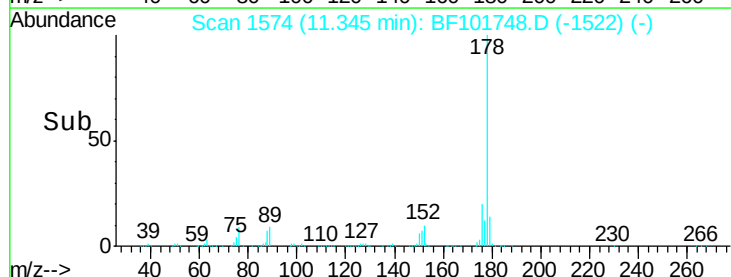
179 15.4 13.0 19.6

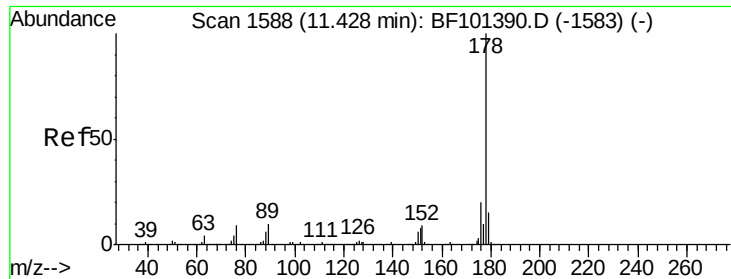


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

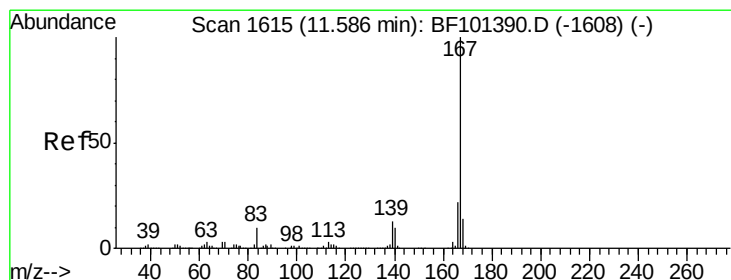
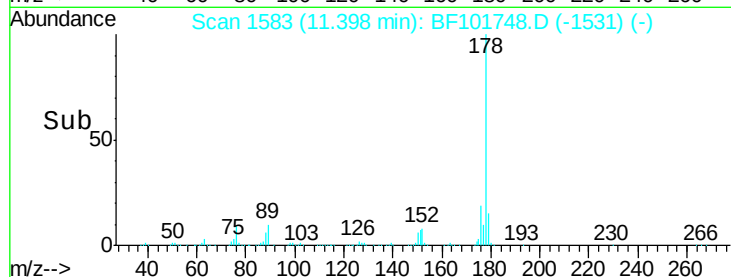
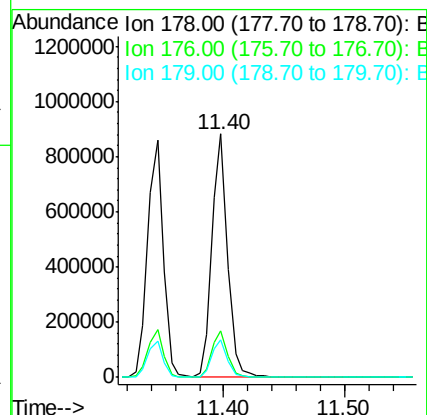
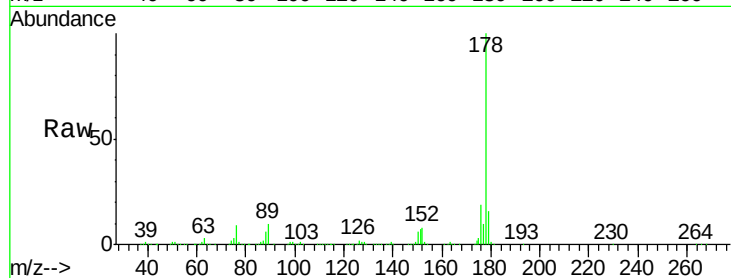




#71
 Anthracene
 Concen: 42.212 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

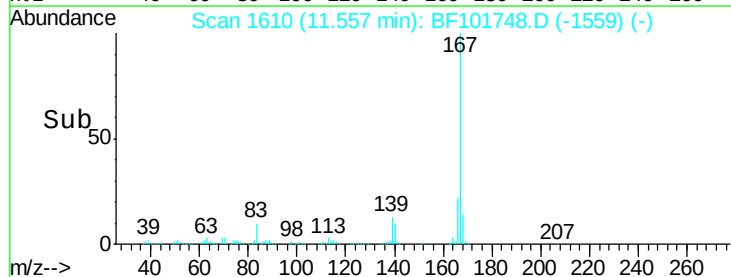
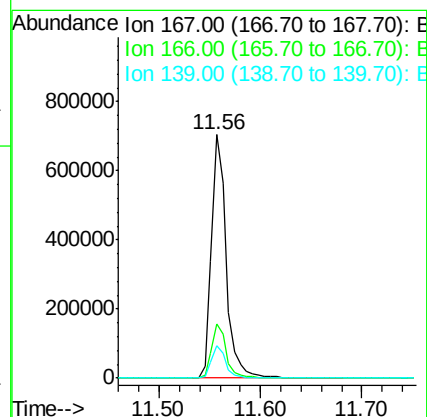
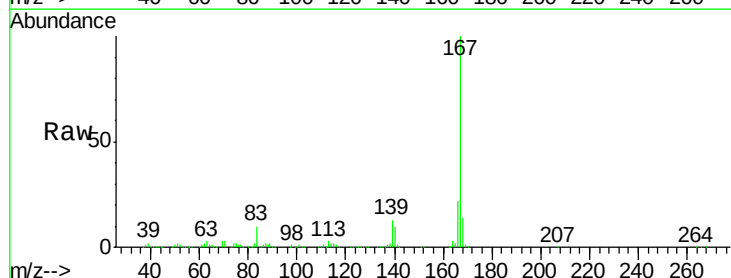
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

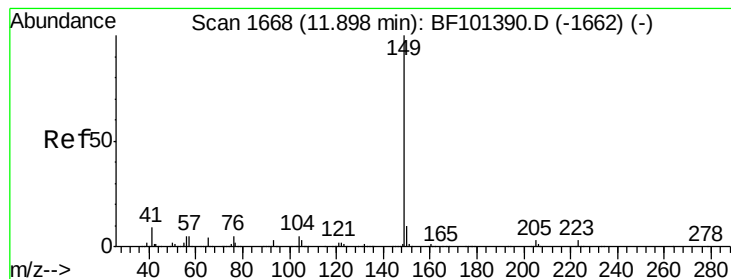
Tgt Ion:178 Resp: 790745
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 40.596 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion:167 Resp: 711989
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.859 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

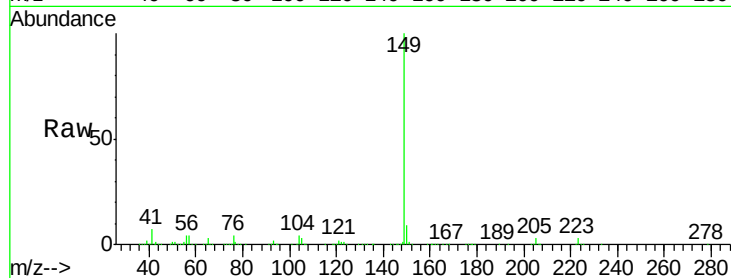
Tgt Ion:149 Resp: 954922

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

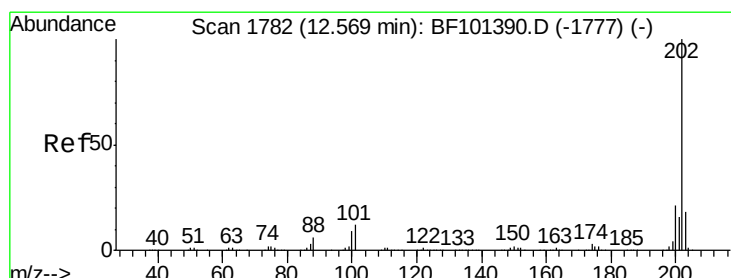
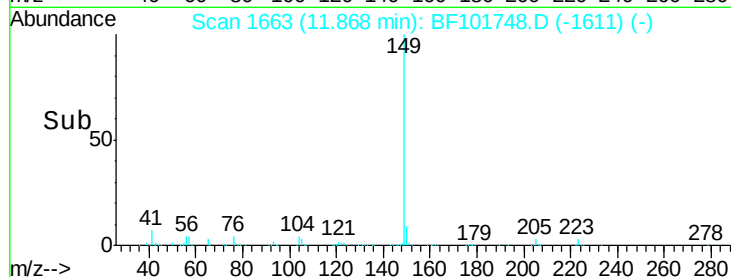
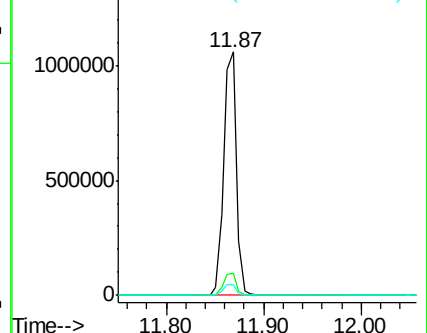
104 4.3 3.8 5.8



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: 40.560 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

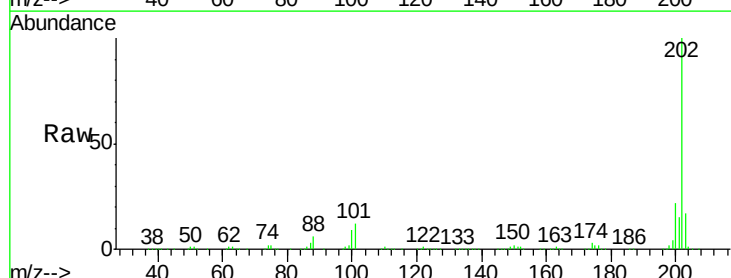
Tgt Ion:202 Resp: 780749

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

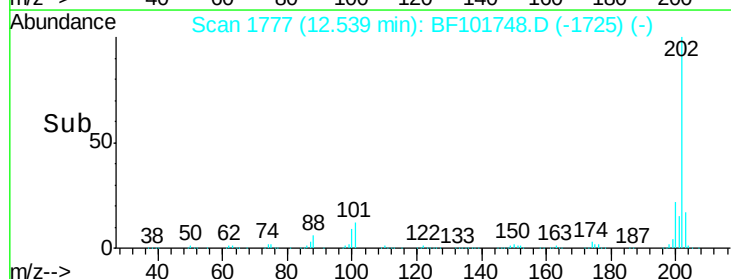
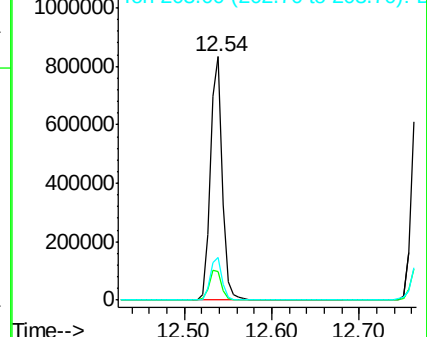
203 17.5 0.0 38.1

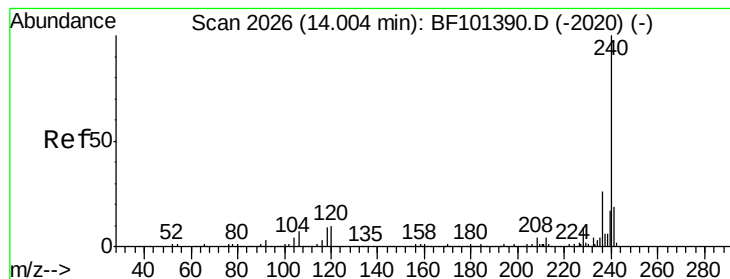


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2020

Delta R.T. -0.00 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

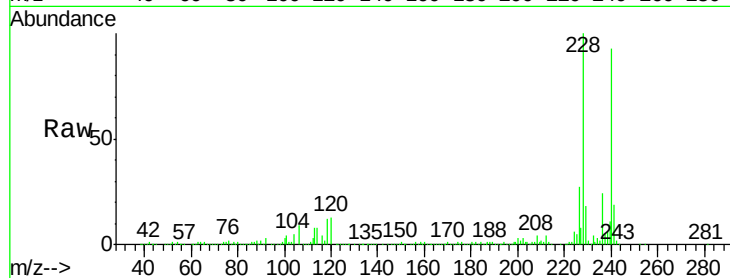
Tgt Ion:240 Resp: 275952

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

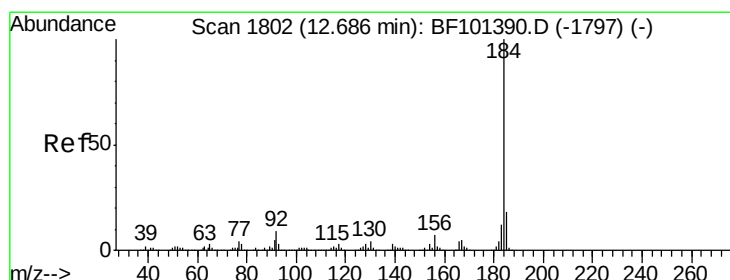
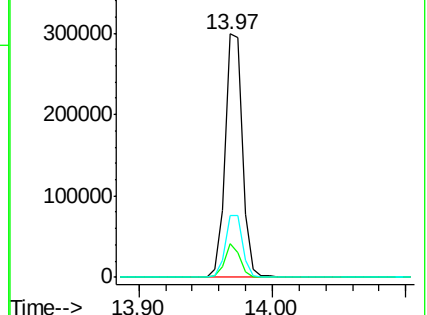
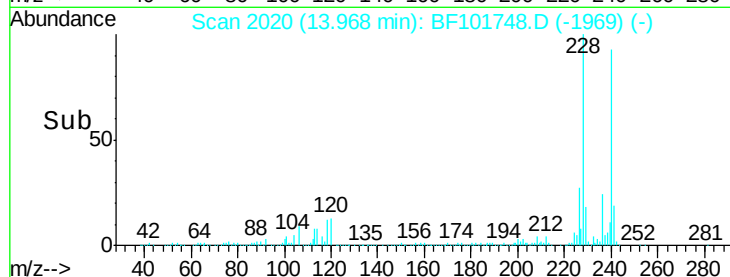
236 25.4 20.7 31.1



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: 40.249 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

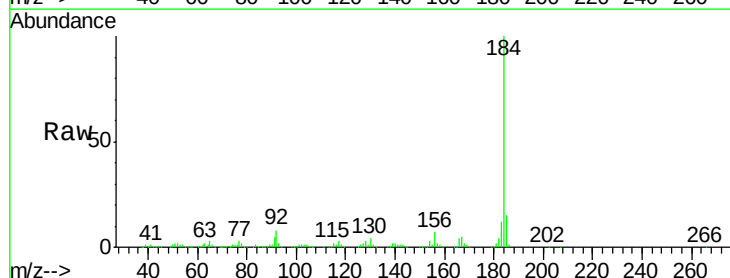
Tgt Ion:184 Resp: 469098

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

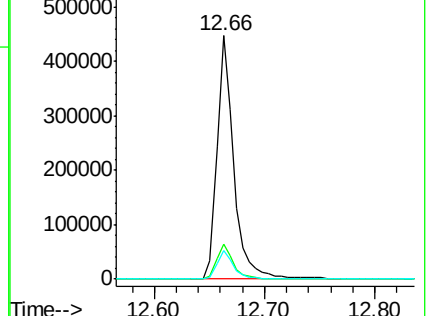
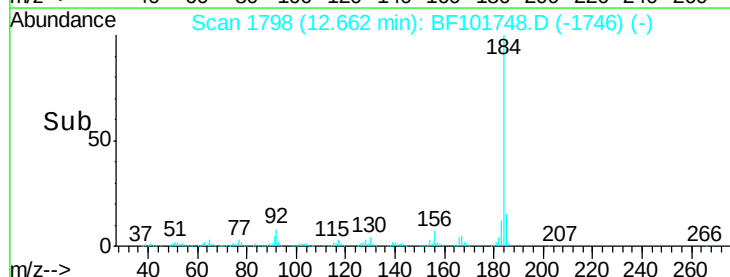
183 11.8 9.3 13.9

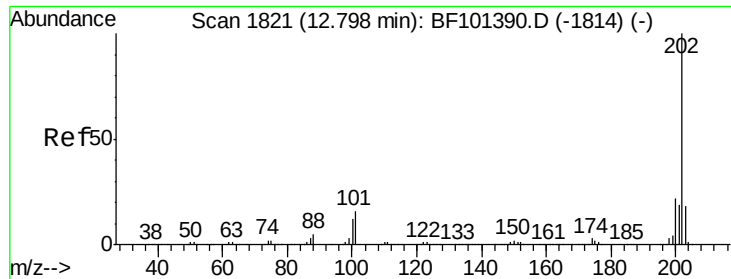


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

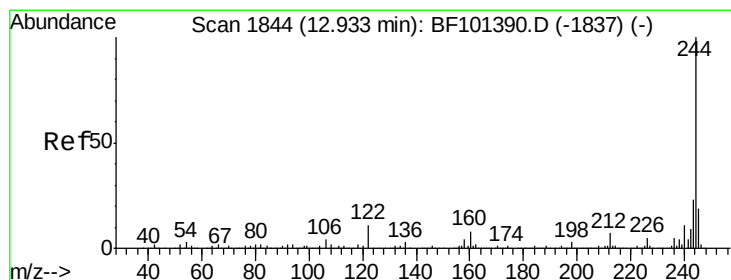
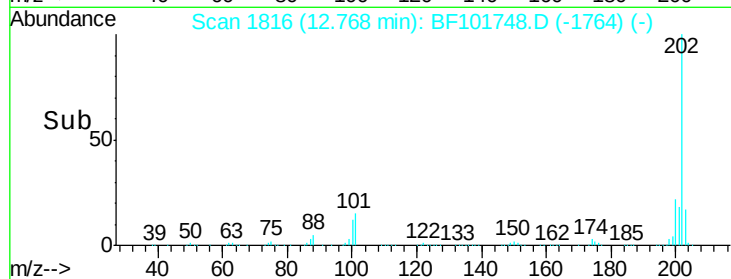
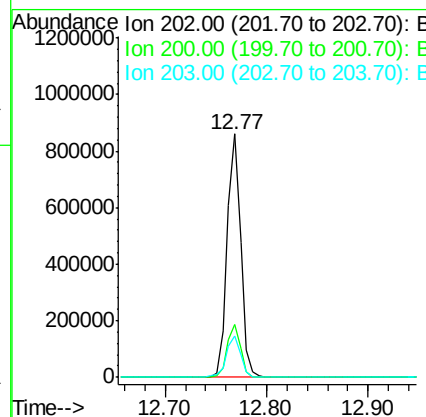
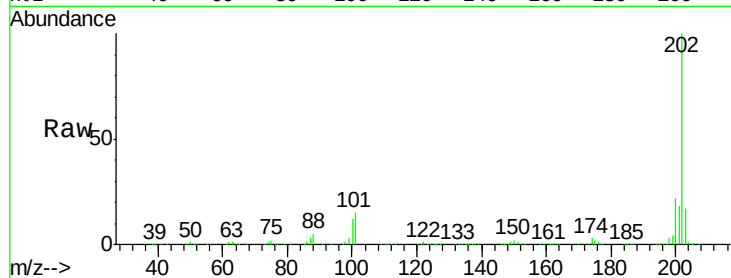




#77
 Pyrene
 Concen: 38.687 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

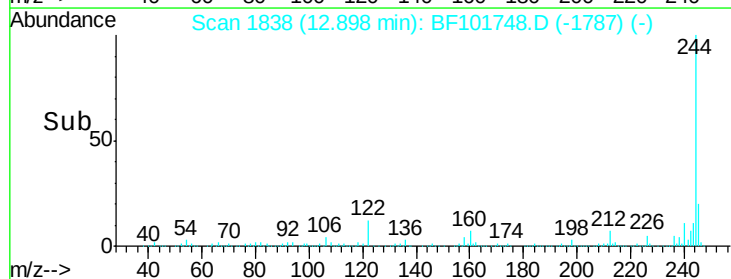
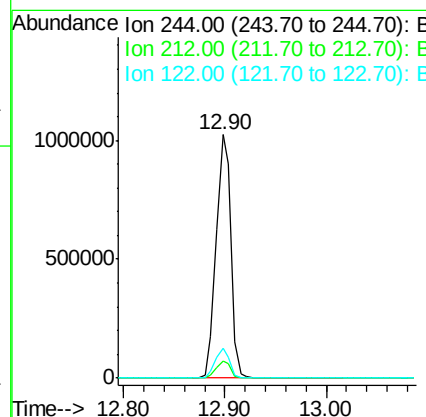
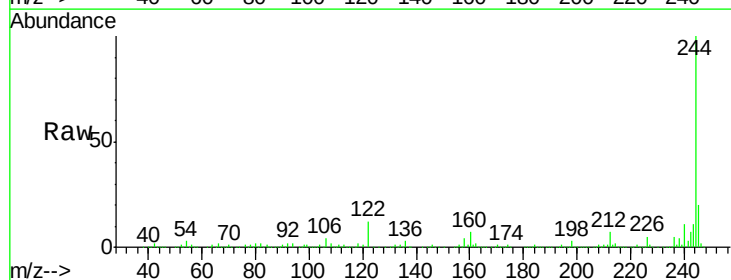
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

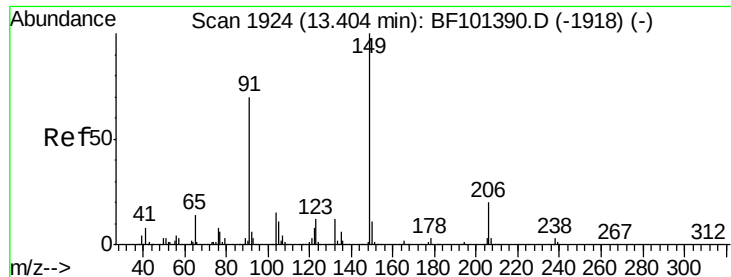
Tgt Ion: 202 Resp: 801218
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 90.145 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion: 244 Resp: 1031860
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.4 11.0 16.4

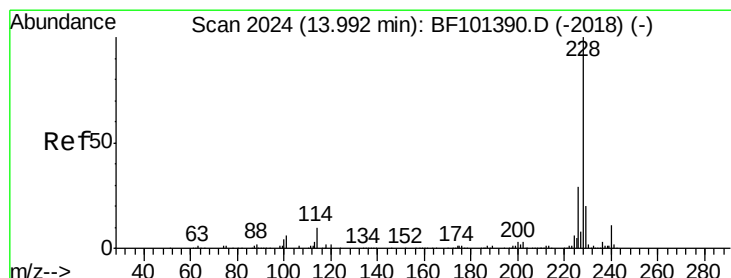
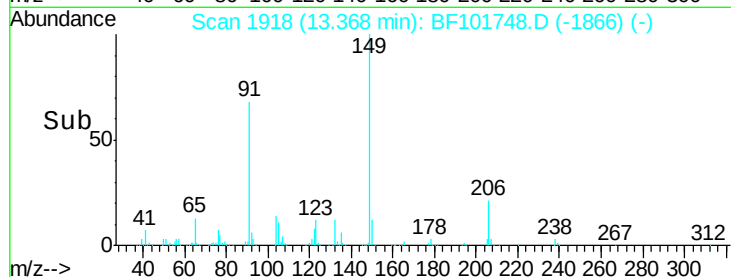
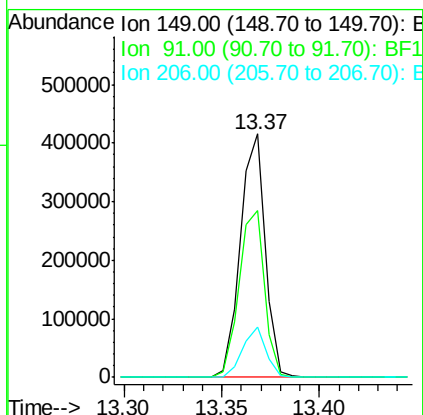
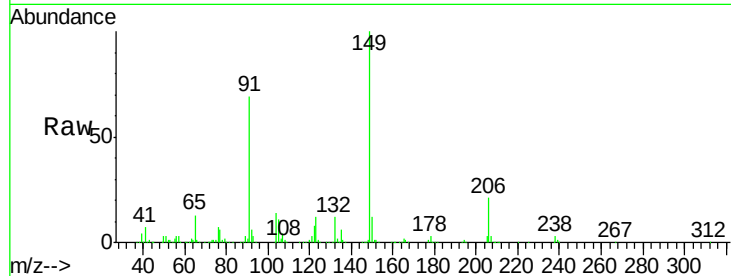




#79
Butylbenzylphthalate
Concen: 39.131 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

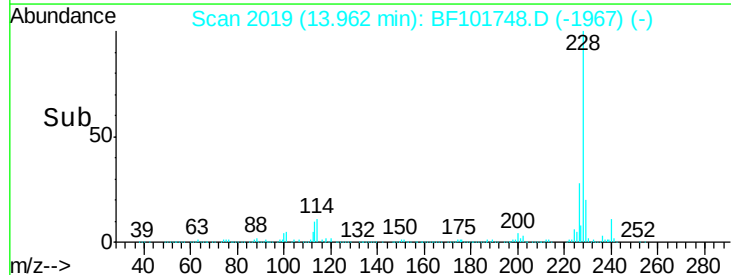
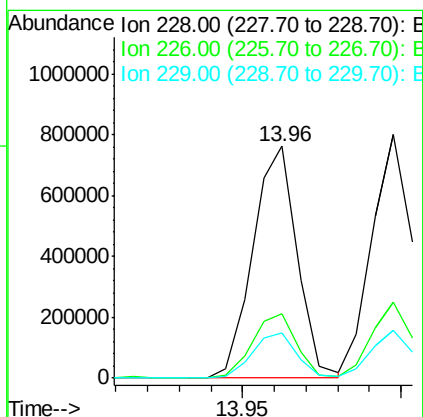
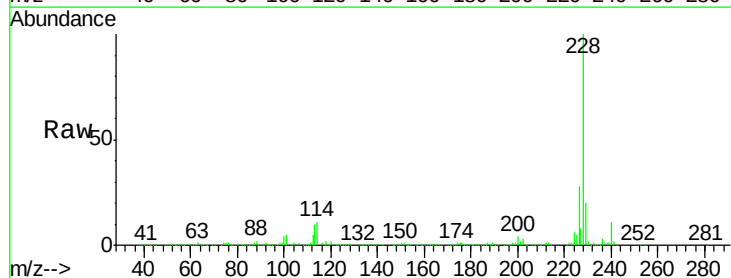
Instrument :
BNA_F
ClientSampleId :
PB105328BS

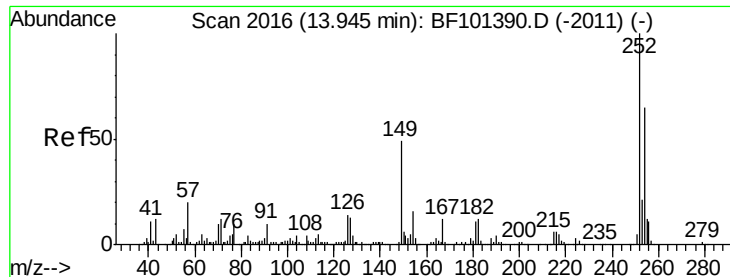
Tgt Ion:149 Resp: 366687
Ion Ratio Lower Upper
149 100
91 68.5 56.8 85.2
206 20.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.460 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion:228 Resp: 737247
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.6 15.8 23.6

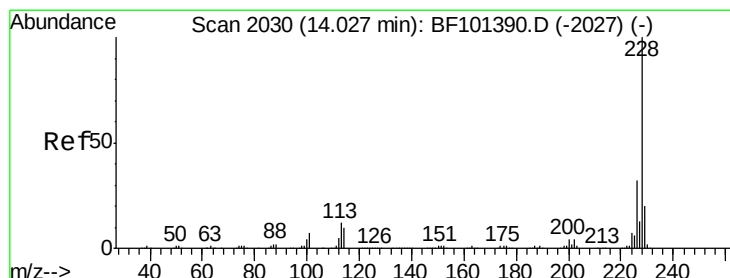
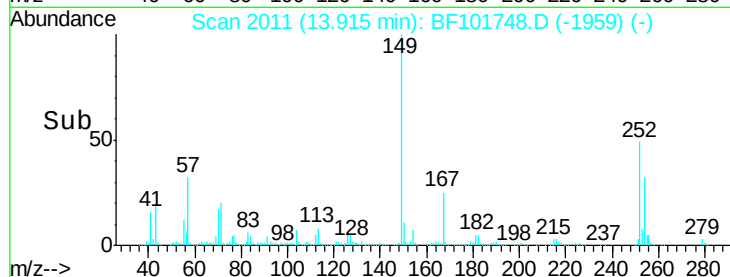
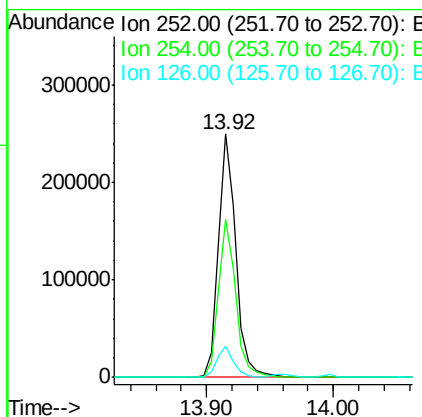
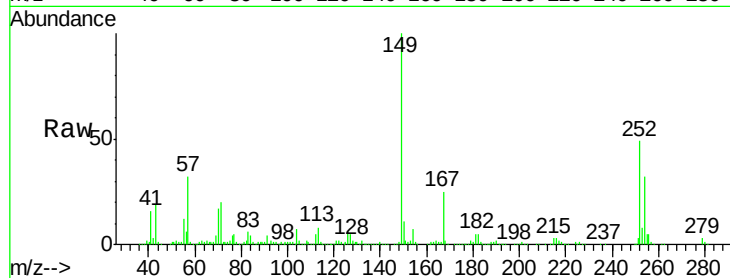




#81
 3,3'-Dichlorobenzidine
 Concen: 41.020 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

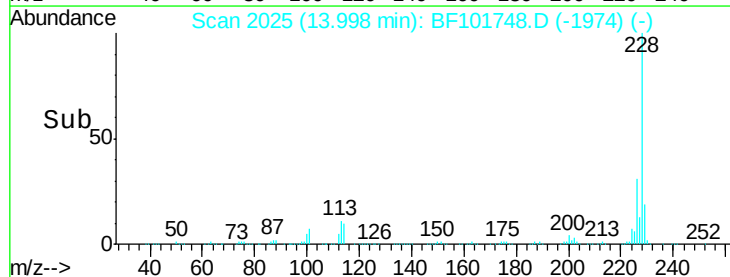
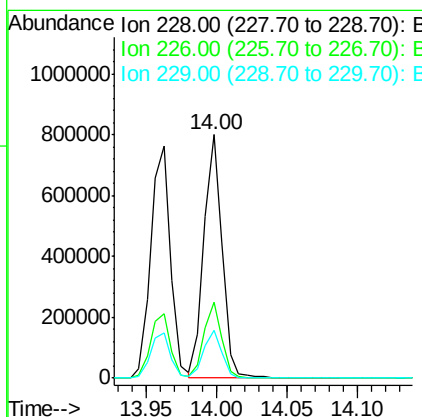
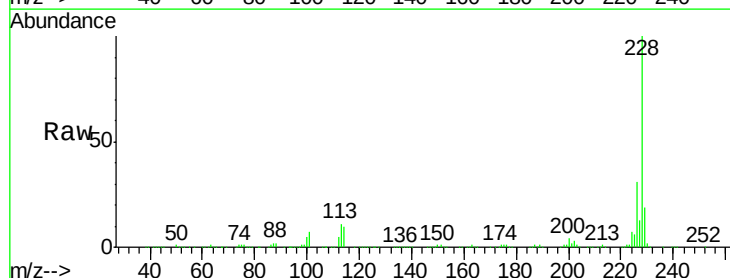
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

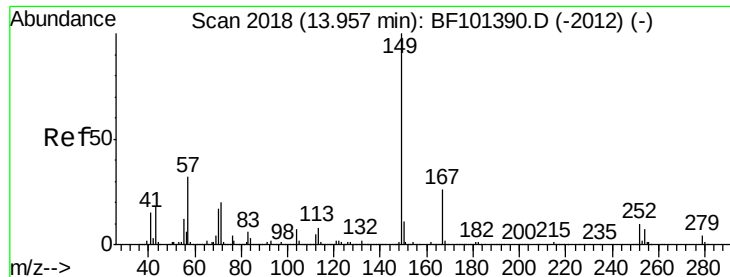
Tgt Ion: 252 Resp: 243719
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 12.7 11.3 16.9



#82
 Chrysene
 Concen: 41.812 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion: 228 Resp: 719361
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.4 16.2 24.4

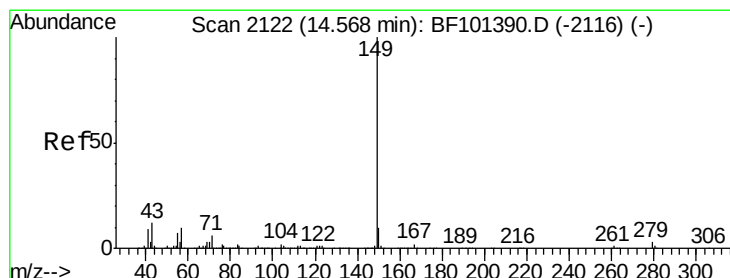
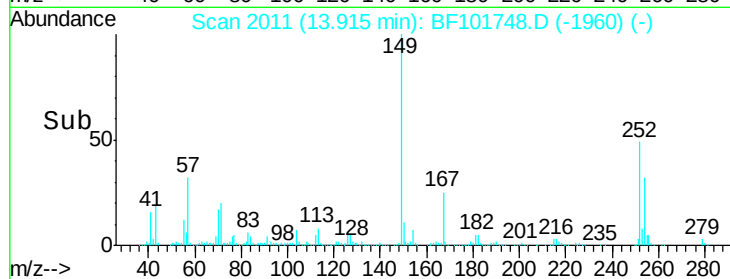
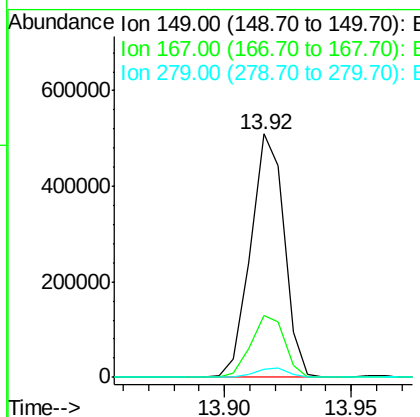
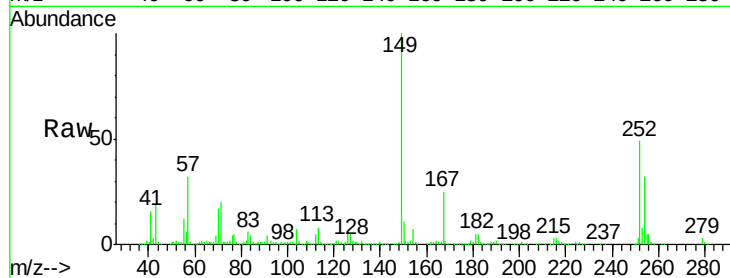




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.860 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

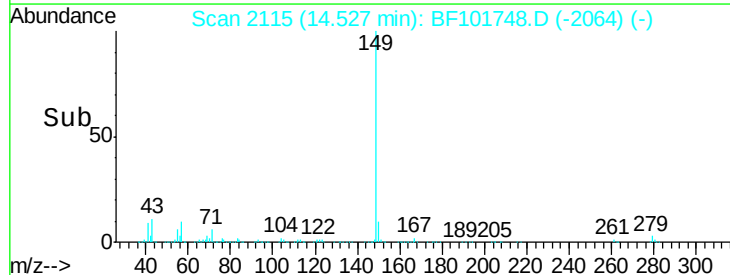
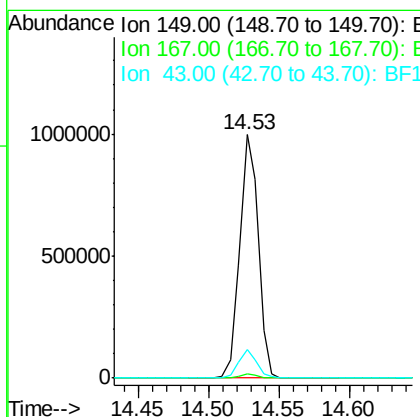
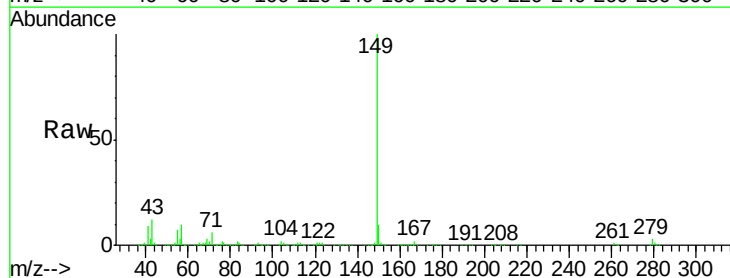
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

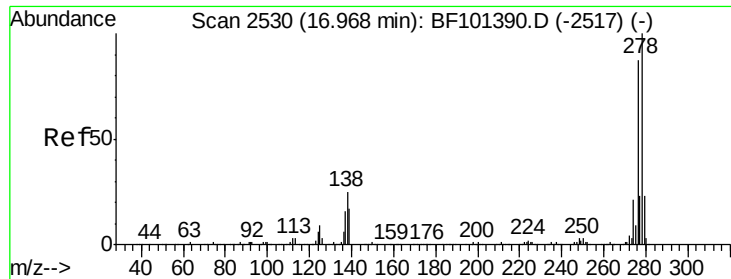
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.3	31.9
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 43.091 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BF101748.D
 Acq: 27 Dec 2017 7:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.499 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

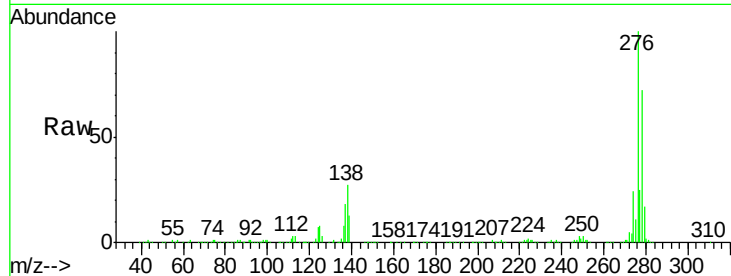
Tgt Ion:276 Resp: 559184

Ion Ratio Lower Upper

276 100

138 28.9 25.0 37.6

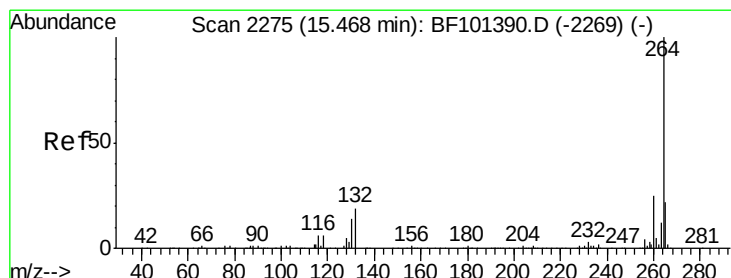
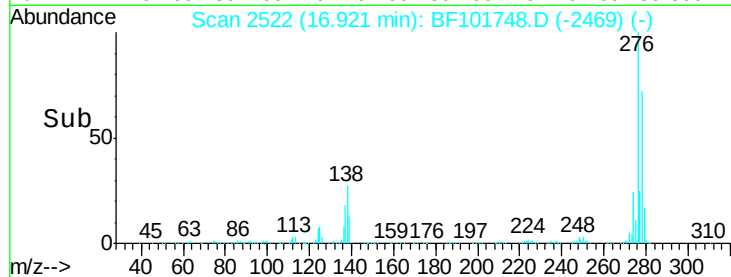
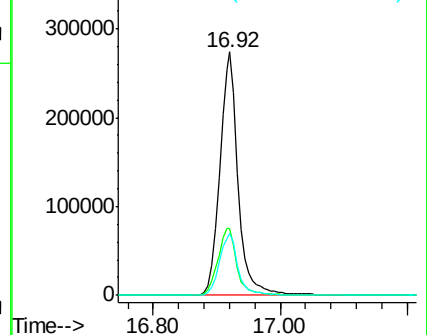
277 25.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

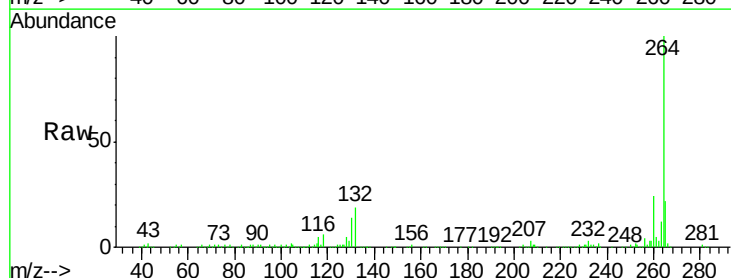
Tgt Ion:264 Resp: 254432

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

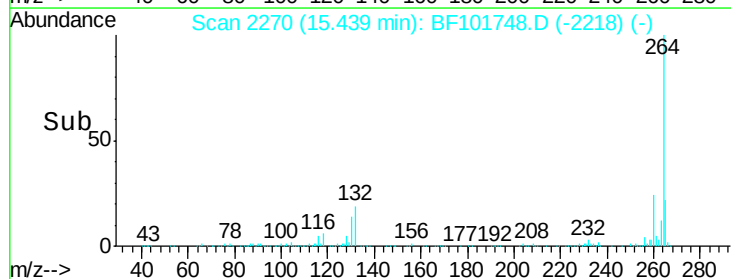
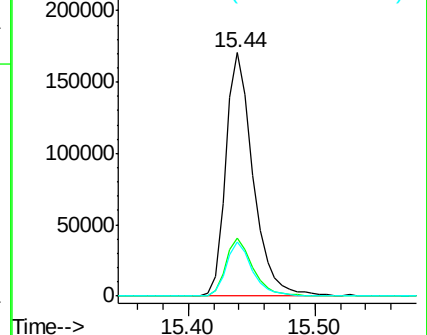
265 22.1 17.5 26.3

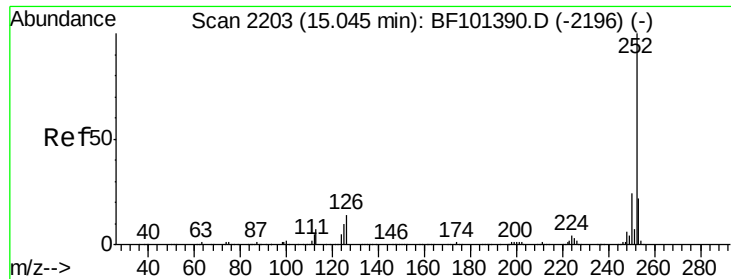


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

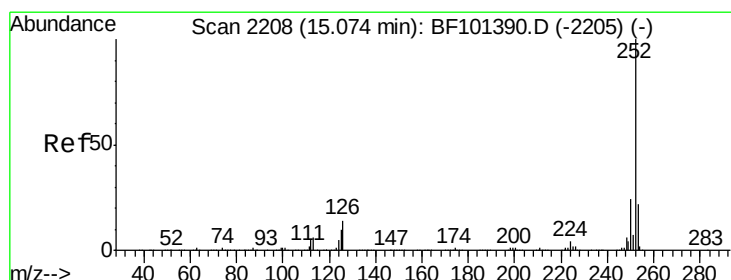
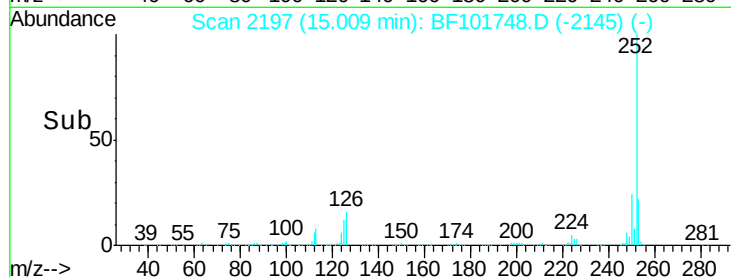
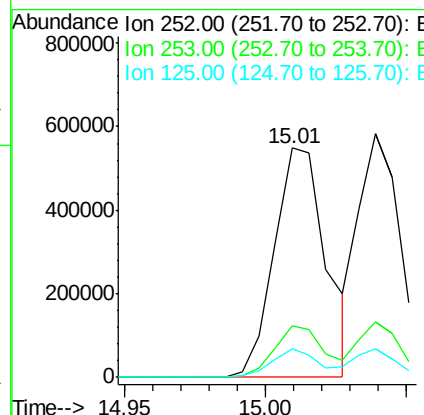
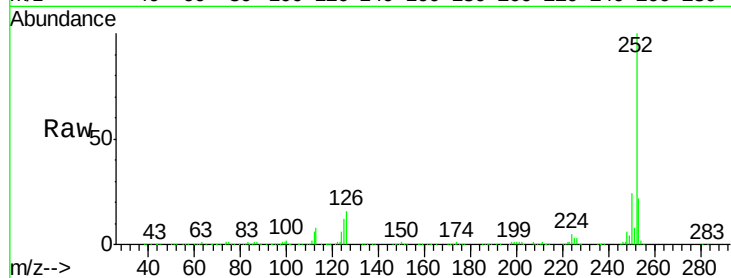




#87
Benzo(b)fluoranthene
Concen: 45.204 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

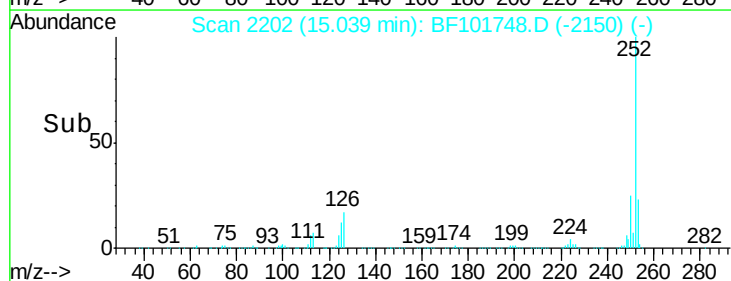
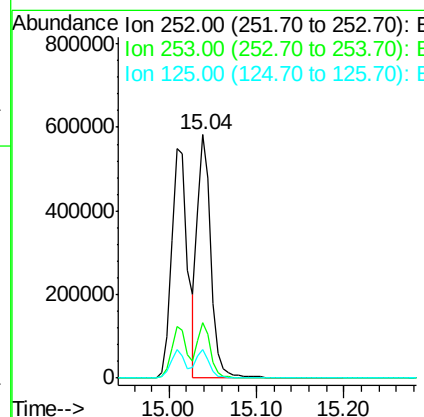
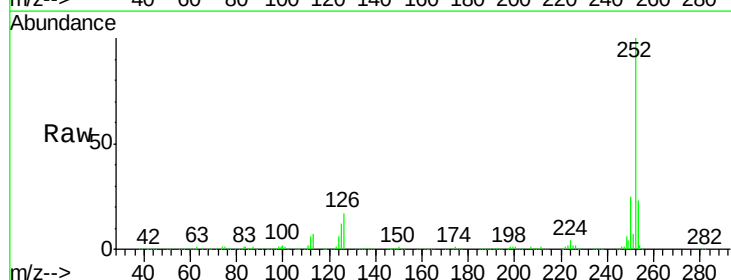
Instrument :
BNA_F
ClientSampleId :
PB105328BS

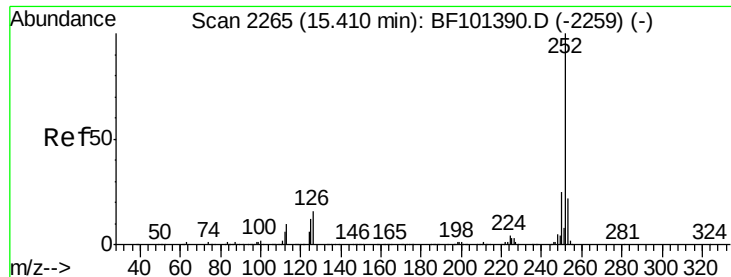
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 41.530 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101748.D
Acq: 27 Dec 2017 7:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.241 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

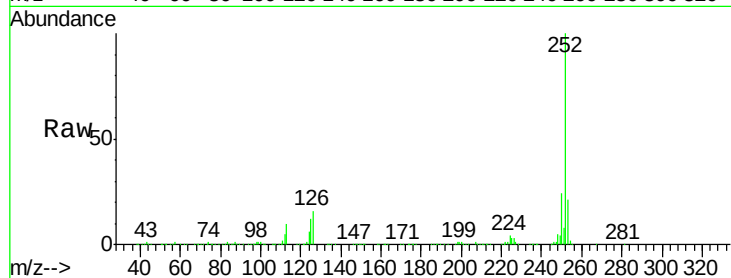
Tgt Ion:252 Resp: 618183

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

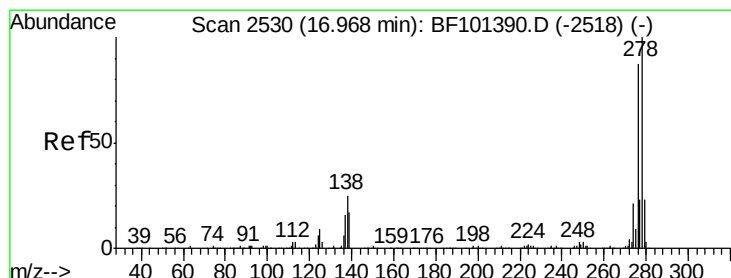
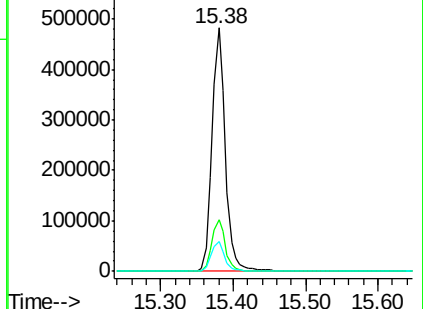
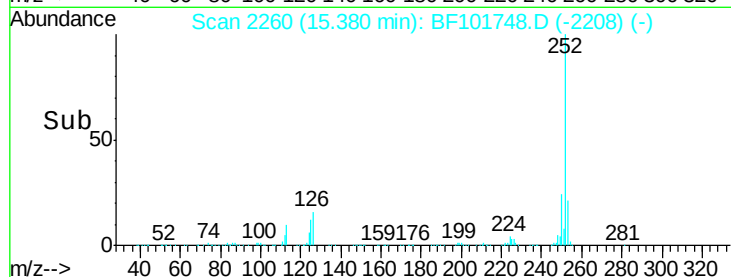
125 12.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.880 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

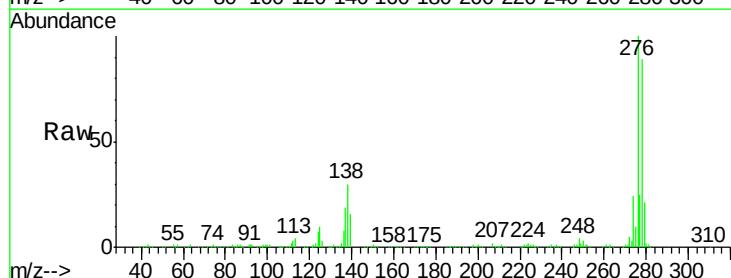
Tgt Ion:278 Resp: 477242

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

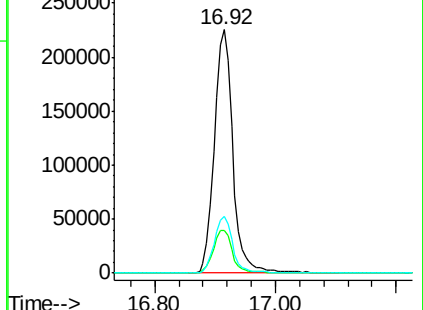
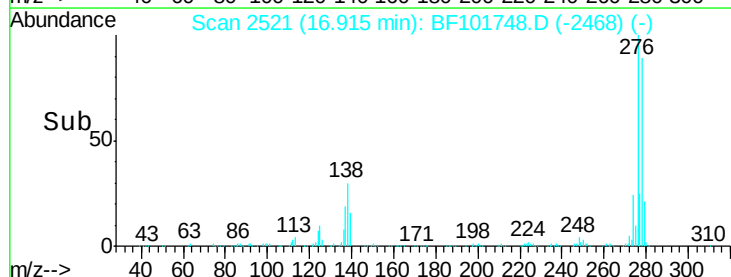
279 23.2 19.0 28.4

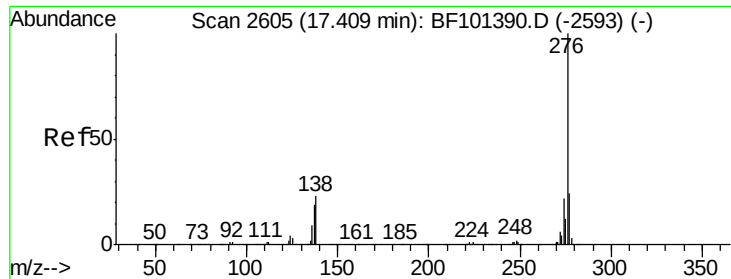


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.414 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.02 min

Lab File: BF101748.D

Acq: 27 Dec 2017 7:49

Instrument :

BNA_F

ClientSampleId :

PB105328BS

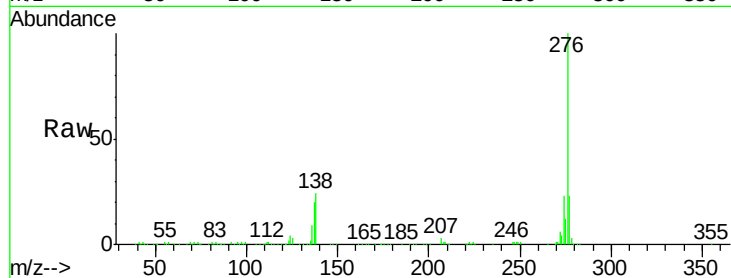
Tgt Ion:276 Resp: 466905

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 24.5 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

