

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101537.D
 Acq On : 19 Dec 2017 21:57
 Operator : SJ/JU
 Sample : I6975-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

Quant Time: Dec 20 07:00:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124415	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	439190	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	168098	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	263384	20.00	ng	0.00
75) Chrysene-d12	13.99	240	279685	20.00	ng	0.00
86) Perylene-d12	15.46	264	319487	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	918039	109.91	ng	0.02
7) Phenol-d6	6.46	99	1048616	100.88	ng	0.00
23) Nitrobenzene-d5	7.38	82	611136	77.46	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	168152	103.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	989435	91.31	ng	0.00
78) Terphenyl-d14	12.92	244	802347	69.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	149583	34.854	ng	97
3) Pyridine	3.41	79	147660	12.383	ng	99
4) n-Nitrosodimethylamine	3.31	42	187828	34.211	ng	100
6) Aniline	6.48	93	254490	17.617	ng	# 84
8) 2-Chlorophenol	6.60	128	298564	33.981	ng	97
9) Benzaldehyde	6.37	77	196601	25.610	ng	99
10) Phenol	6.47	94	420696	35.509	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	313720	33.758	ng	93
12) 1,3-Dichlorobenzene	6.75	146	337802	34.065	ng	97
13) 1,4-Dichlorobenzene	6.83	146	342736	33.846	ng	98
14) 1,2-Dichlorobenzene	6.98	146	304065	33.359	ng	97
15) Benzyl Alcohol	6.96	79	214029	29.914	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	479683	33.726	ng	70
17) 2-Methylphenol	7.07	107	226459	28.020	ng	# 89
18) Hexachloroethane	7.31	117	106152	30.151	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	194906	28.551	ng	94
20) 3+4-Methylphenols	7.23	107	299964	35.025	ng	# 57
22) Acetophenone	7.22	105	393407	39.257	ng	# 94
24) Nitrobenzene	7.40	77	297008	34.014	ng	99
25) Isophorone	7.63	82	521858	32.972	ng	99
26) 2-Nitrophenol	7.72	139	141481	37.714	ng	94
27) 2,4-Dimethylphenol	7.75	122	236291	37.076	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	344782	34.293	ng	99
29) 2,4-Dichlorophenol	7.96	162	228722	36.326	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	234998	35.367	ng	96
31) Naphthalene	8.11	128	751287	33.979	ng	99
32) Benzoic acid	7.87	122	31511	14.082	ng	97
33) 4-Chloroaniline	8.17	127	136219	14.175	ng	99
34) Hexachlorobutadiene	8.22	225	141136	36.725	ng	97
35) Caprolactam	8.53	113	61872	28.300	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	214010	30.924	ng	95
37) 2-Methylnaphthalene	8.80	142	483605	33.571	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	227678	40.117	ng	# 97
40) Hexachlorocyclopentadiene	8.95	237	4468	16.569	ng	97

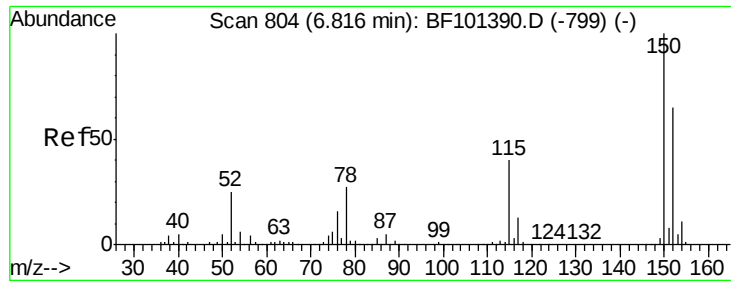
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	128621	37.644	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	130738	34.946	nq	96
45) 1,1'-Biphenyl	9.27	154	584001	39.174	nq	98
46) 2-Chloronaphthalene	9.30	162	428632	37.577	nq	96
47) 2-Nitroaniline	9.40	65	146479	37.173	nq #	82
48) Acenaphthylene	9.71	152	614120	34.086	nq	100
49) Dimethylphthalate	9.56	163	502314	37.150	nq	100
50) 2,6-Dinitrotoluene	9.64	165	97994	35.659	nq #	88
51) Acenaphthene	9.88	154	361986	33.442	nq	100
52) 3-Nitroaniline	9.82	138	93934	27.416	nq	98
53) 2,4-Dinitrophenol	9.96	184	6618	16.343	nq #	19
54) Dibenzofuran	10.05	168	506263	36.803	nq	98
55) 4-Nitrophenol	10.00	139	84437	56.519	nq	92
56) 2,4-Dinitrotoluene	10.06	165	114717	37.051	nq #	90
57) Fluorene	10.40	166	392104	33.695	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	98678	36.713	nq #	84
59) Diethylphthalate	10.26	149	441538	32.976	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	192398	34.498	nq #	88
61) 4-Nitroaniline	10.43	138	90525	26.286	nq	94
62) Azobenzene	10.55	77	401168	28.922	nq	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	11885	8.843	nq	93
65) n-Nitrosodiphenylamine	10.50	169	354227	36.423	nq	94
66) 4-Bromophenyl-phenylether	10.87	248	112582	38.041	nq #	87
67) Hexachlorobenzene	10.95	284	113130	36.118	nq #	85
68) Atrazine	11.03	200	109824	37.872	nq	97
69) Pentachlorophenol	11.15	266	68618	58.274	nq	99
70) Phenanthrene	11.36	178	527905	36.041	nq	98
71) Anthracene	11.42	178	541229	36.174	nq	99
72) Carbazole	11.57	167	479188	34.208	nq	100
73) Di-n-butylphthalate	11.89	149	588243	34.599	nq	99
74) Fluoranthene	12.56	202	586201	38.129	nq	97
76) Benzidine	12.68	184	66247	5.608	nq	97
77) Pyrene	12.79	202	648845	30.912	nq	99
79) Butylbenzylphthalate	13.39	149	263532	27.747	nq	97
80) Benzo(a)anthracene	13.98	228	637896	34.541	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	209342	34.764	nq	99
82) Chrysene	14.02	228	606427	34.778	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	355518	29.553	nq	99
84) Di-n-octyl phthalate	14.56	149	746426	34.792	nq	98
85) Indeno(1,2,3-cd)pyrene	16.95	276	591594	38.099	nq	96
87) Benzo(b)fluoranthene	15.03	252	668039	34.305	nq	98
88) Benzo(k)fluoranthene	15.03	252	668039	35.283	nq	98
89) Benzo(a)pyrene	15.40	252	628172	34.992	nq	99
90) Dibenzo(a,h)anthracene	16.95	278	505715	32.811	nq	96
91) Benzo(g,h,i)perylene	17.39	276	478254	31.336	nq	95

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

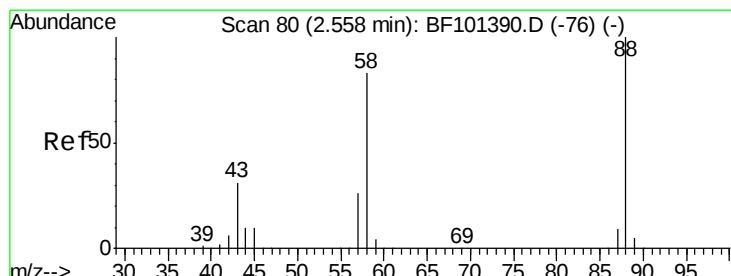
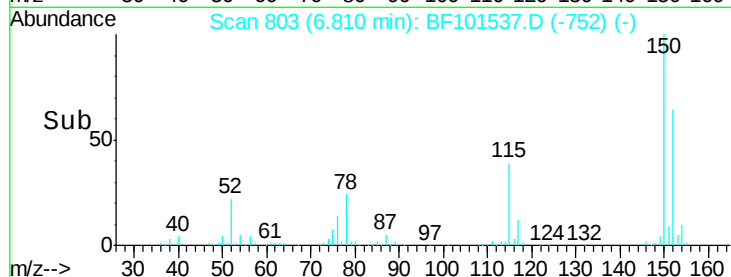
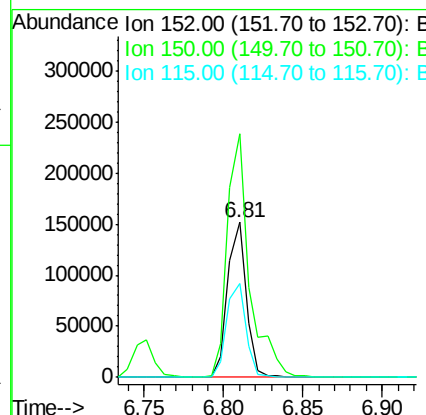
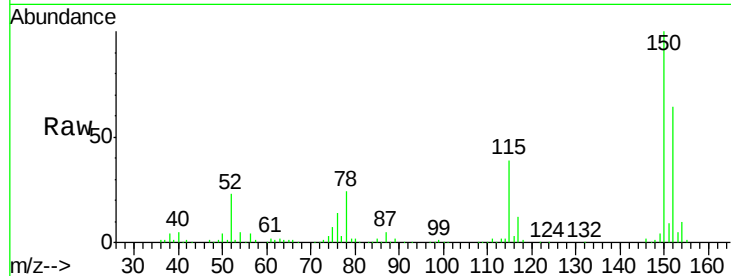


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Instrument :
BNA_F
ClientSampleId :
72-12000MS

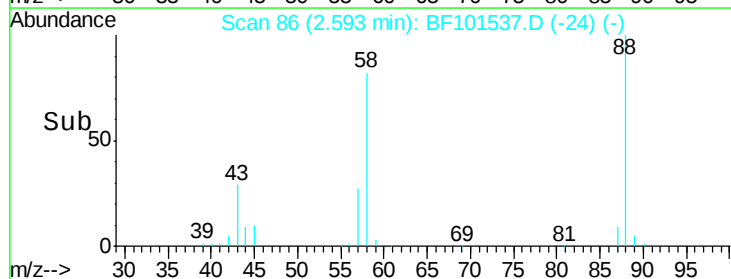
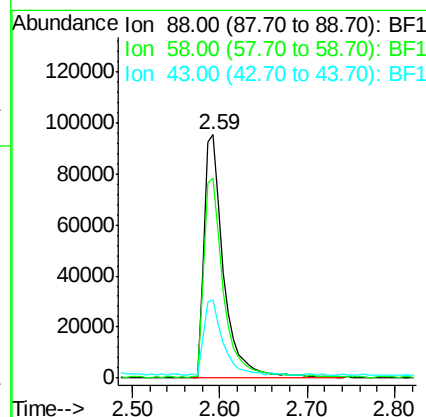
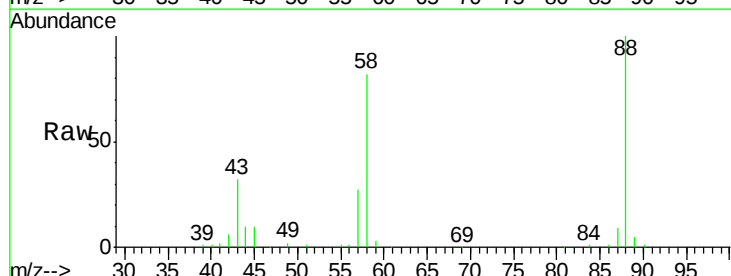
Tot Ion:152 Resp: 124415
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 60.6 50.1 75.1

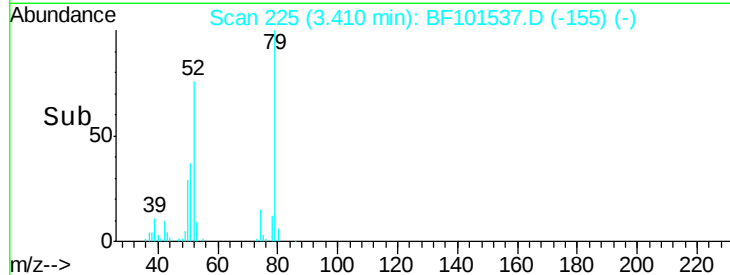
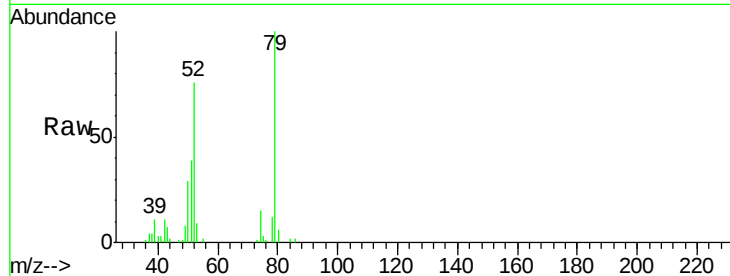


#2

1,4-Dioxane
Concen: 34.854 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.06 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion: 88 Resp: 149583
Ion Ratio Lower Upper
88 100
58 80.6 62.6 93.8
43 29.3 24.6 37.0

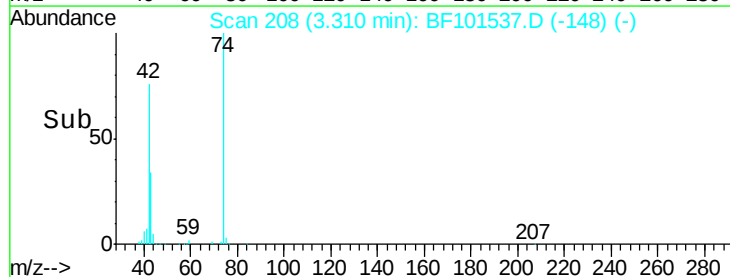
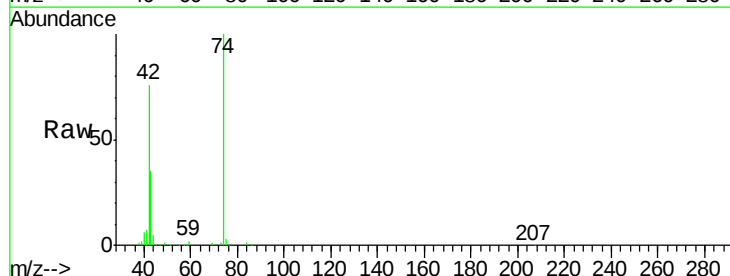
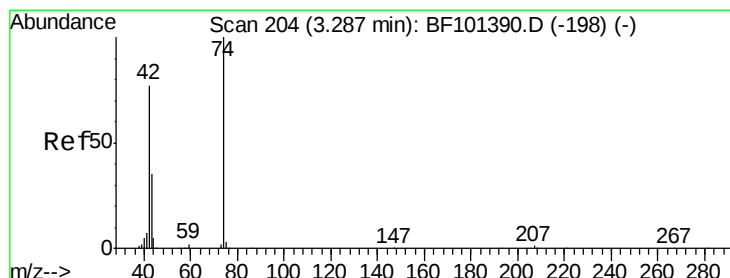
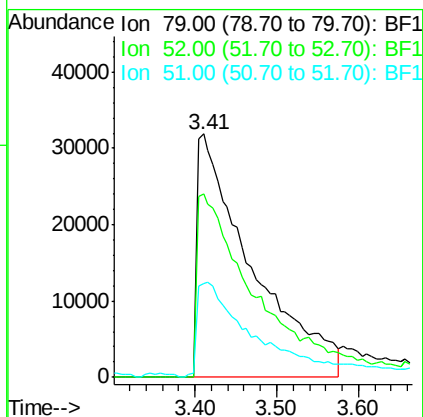




#3
 Pvrindine
 Concen: 12.383 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.11 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

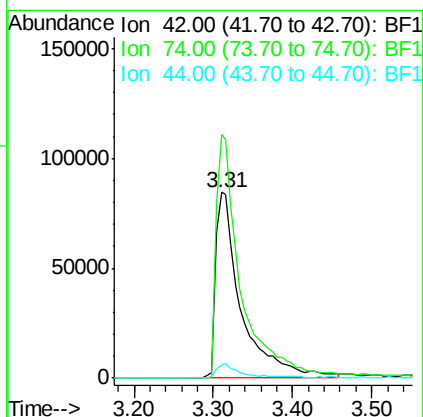
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.5	59.8	89.6
51	38.5	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.211 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.05 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.0	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 109.914 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

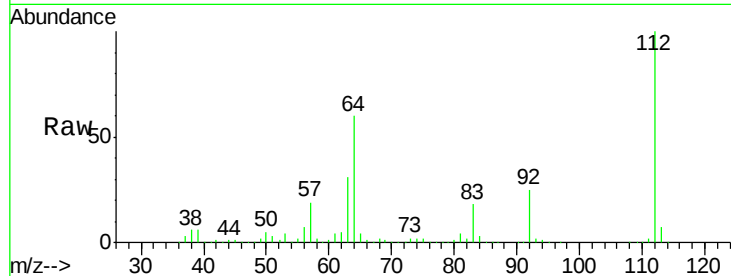
Tot Ion:112 Resp: 918039

Ion Ratio Lower Upper

112 100

64 60.3 47.9 71.9

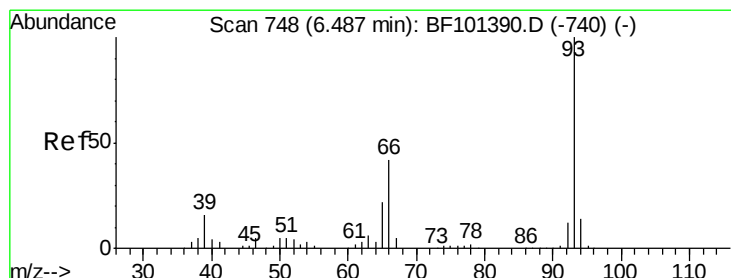
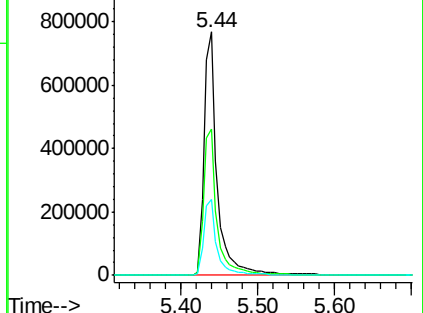
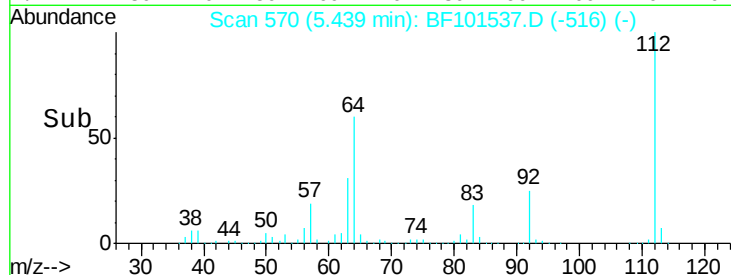
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.617 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

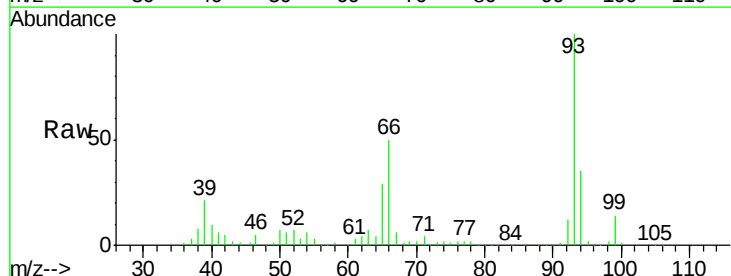
Tgt Ion: 93 Resp: 254490

Ion Ratio Lower Upper

93 100

66 49.9 32.2 48.2#

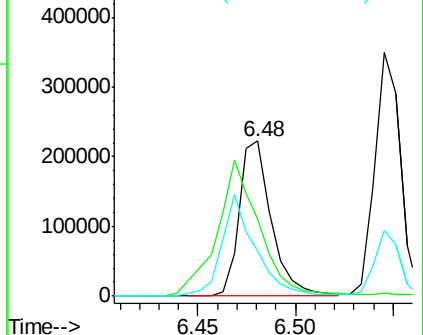
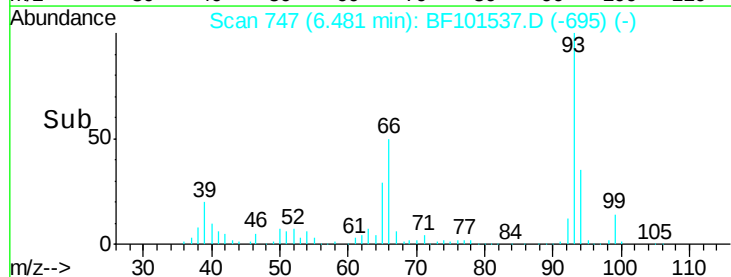
65 28.7 16.4 24.6#

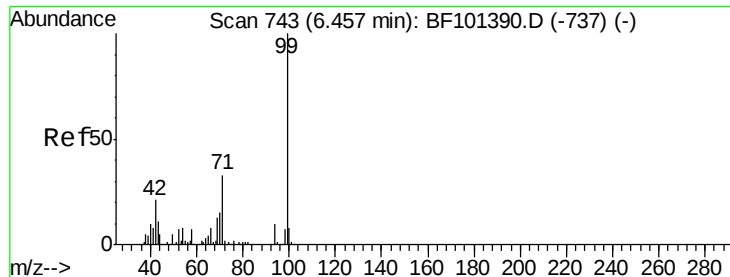


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.879 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

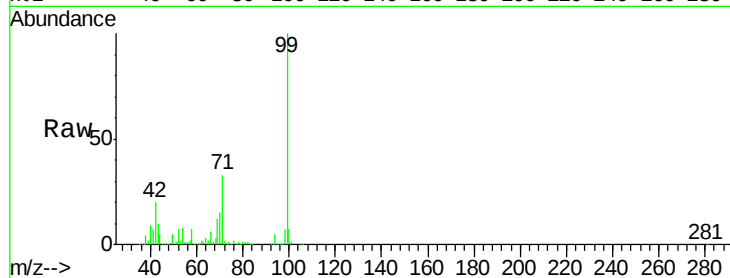
Tot Ion: 99 Resp: 1048616

Ion Ratio Lower Upper

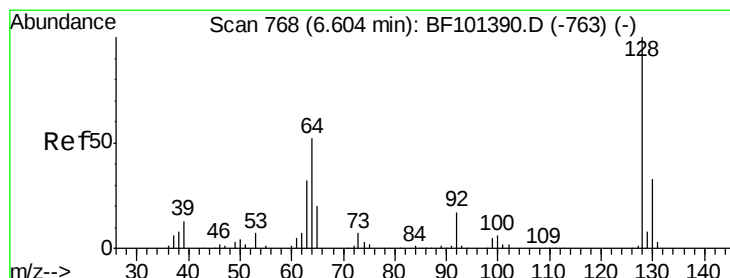
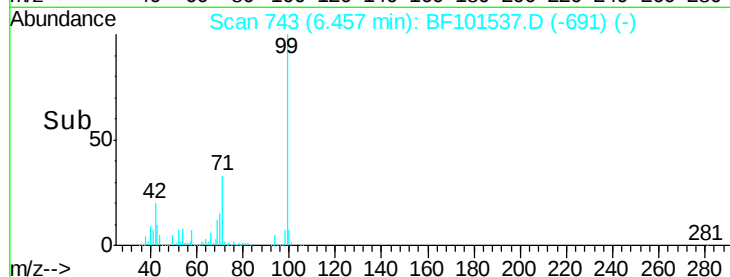
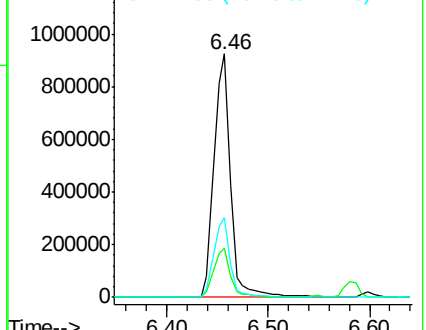
99 100

42 20.0 14.5 21.7

71 32.8 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: 33.981 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

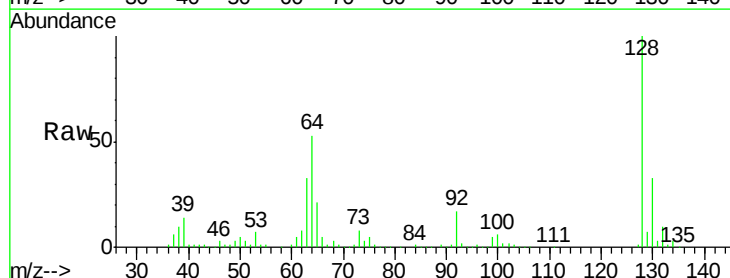
Tgt Ion: 128 Resp: 298564

Ion Ratio Lower Upper

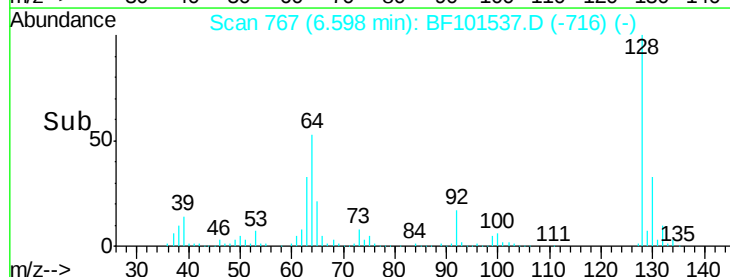
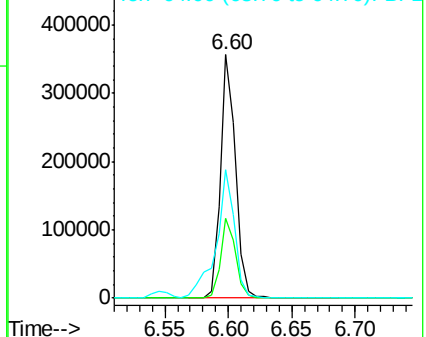
128 100

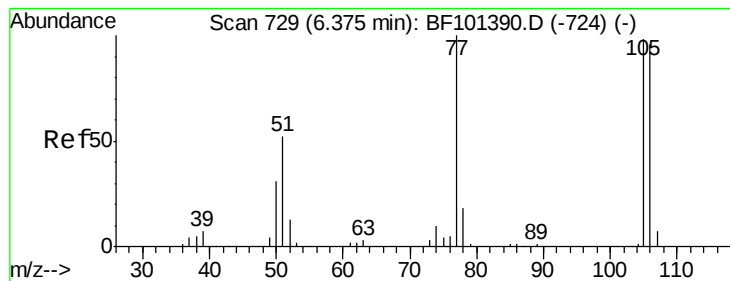
130 32.7 13.0 53.0

64 52.8 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: 25.610 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101537.D

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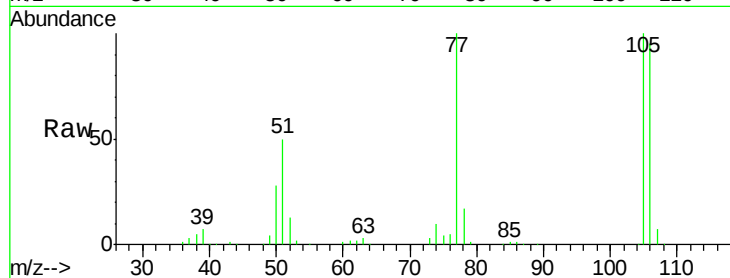
Tot Ion: 77 Resp: 196601

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

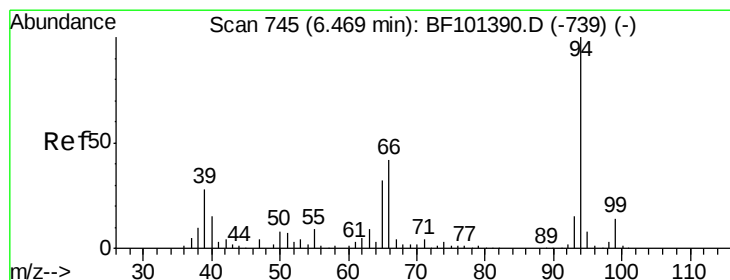
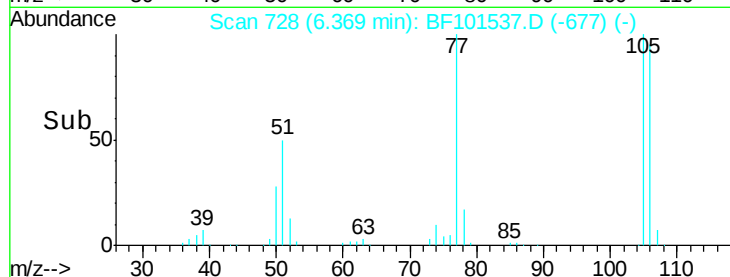
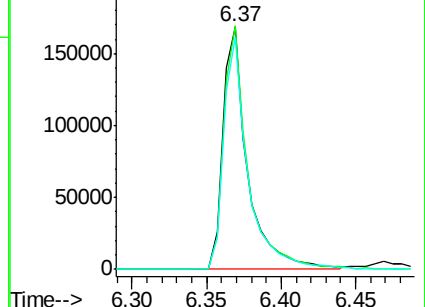
106 95.6 74.5 114.5



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: 35.509 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

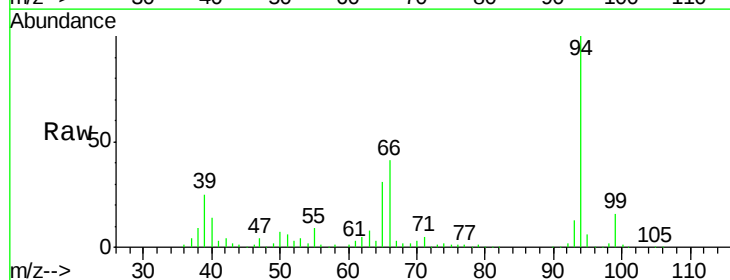
Tgt Ion: 94 Resp: 420696

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

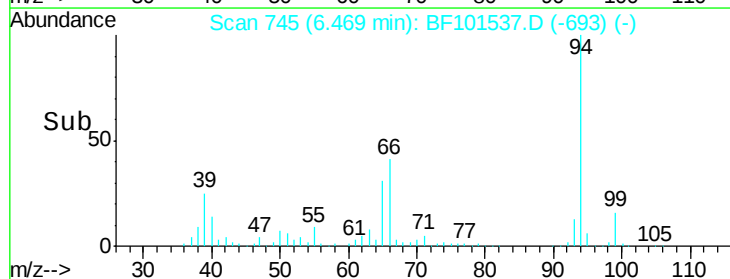
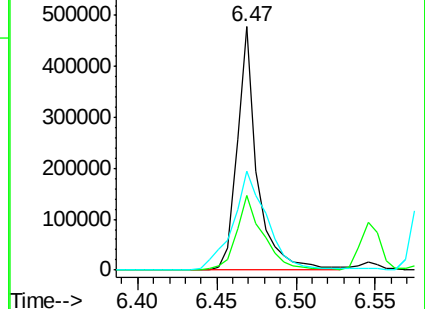
66 40.8 16.2 56.2

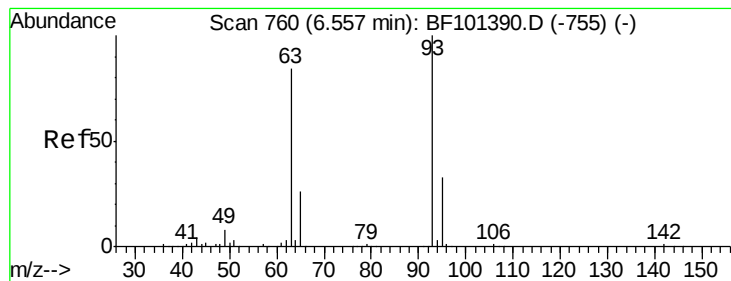


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

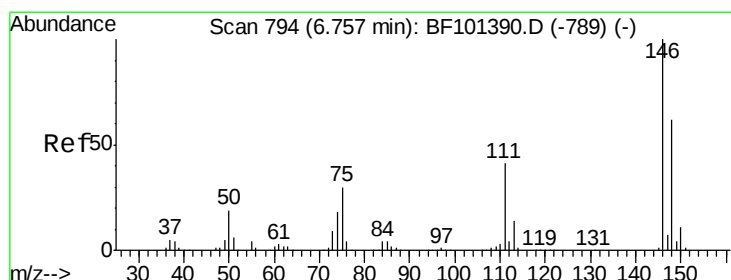
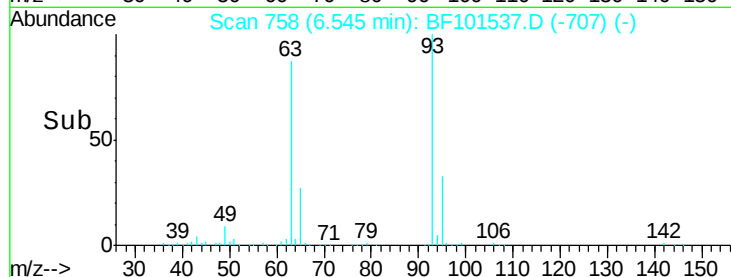
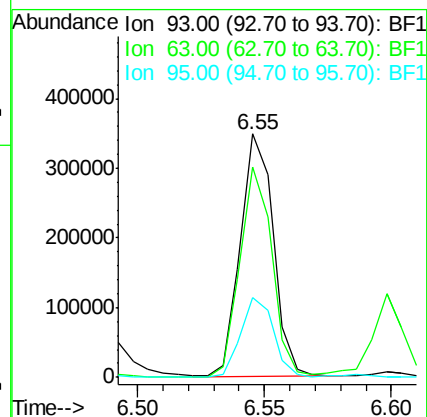
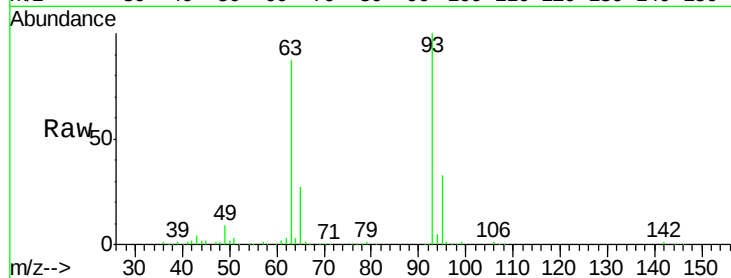




#11
bis(2-Chloroethyl)ether
Concen: 33.758 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

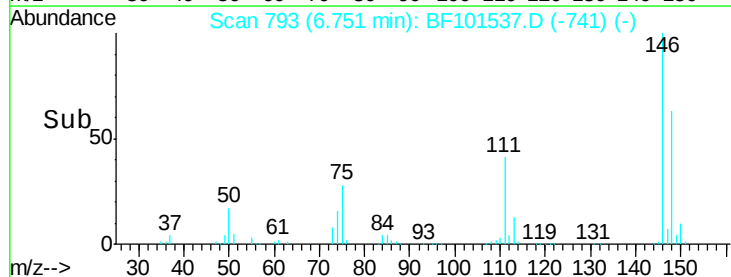
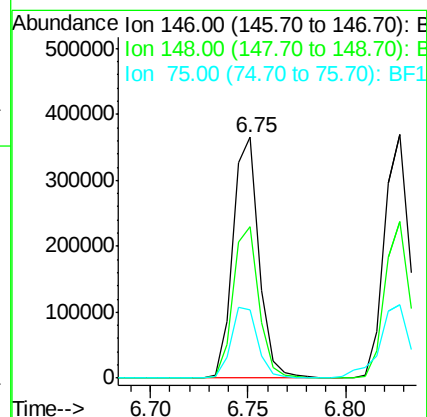
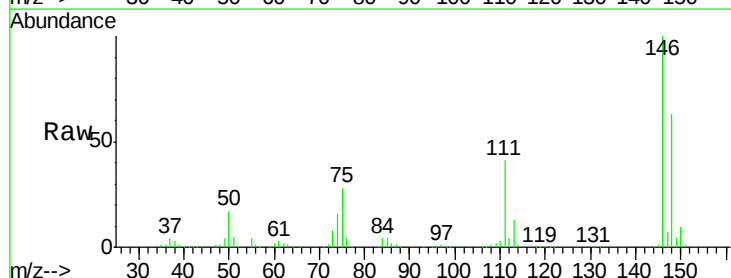
Instrument :
BNA_F
ClientSampleId :
72-12000MS

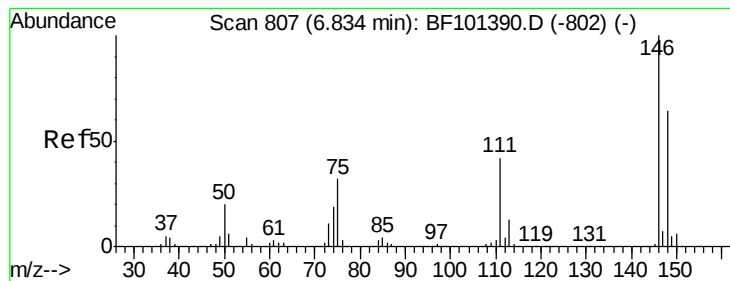
Tot Ion: 93 Resp: 313720
Ion Ratio Lower Upper
93 100
63 86.6 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.065 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion: 146 Resp: 337802
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
75 28.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 33.846 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

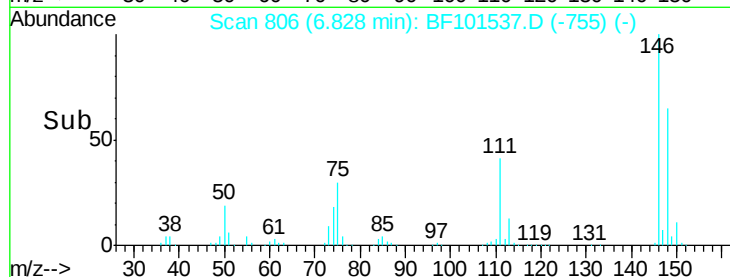
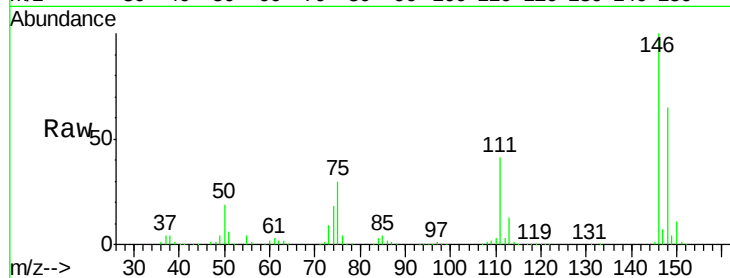
Tot Ion:146 Resp: 342736

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

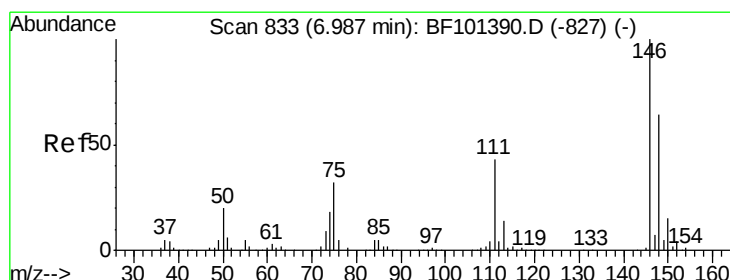
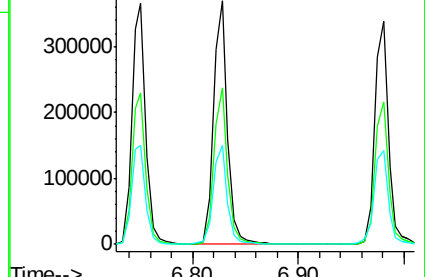
111 40.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.359 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

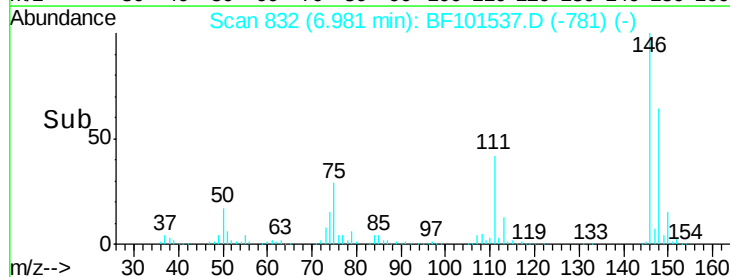
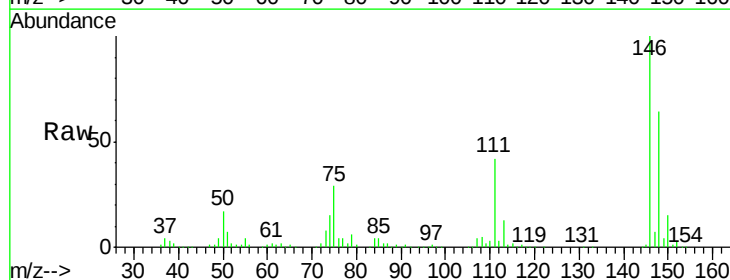
Tgt Ion:146 Resp: 304065

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

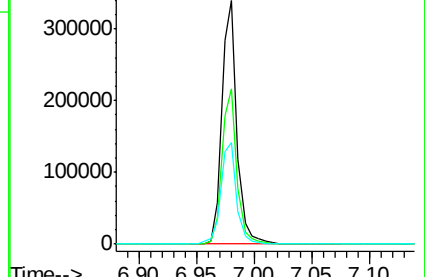
111 41.7 36.0 54.0

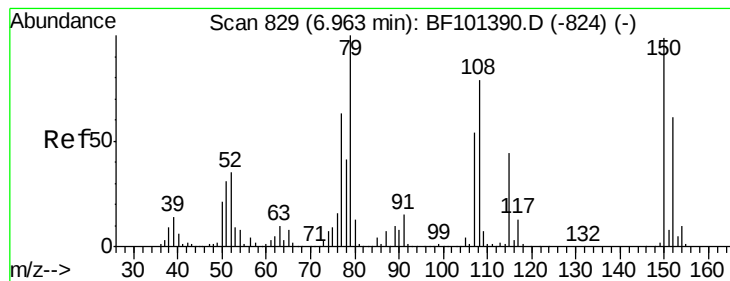


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.914 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

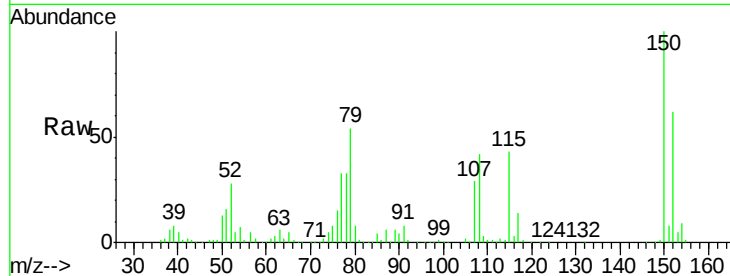
Tot Ion: 79 Resp: 214029

Ion Ratio Lower Upper

79 100

108 79.1 65.1 97.7

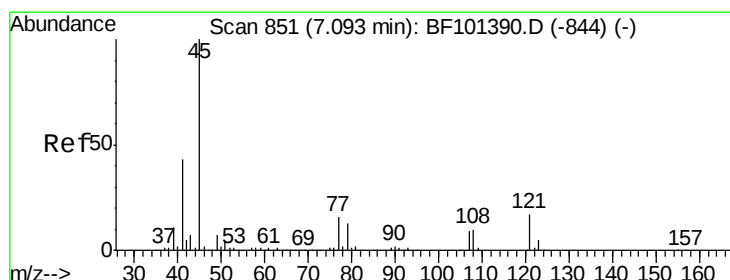
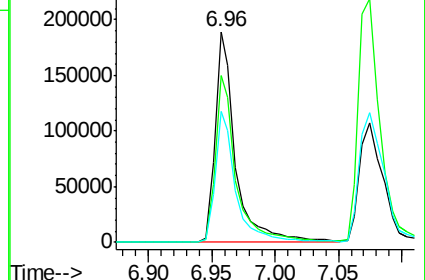
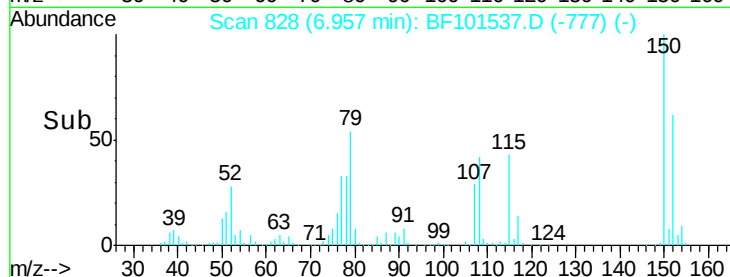
77 62.2 50.6 75.8



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: 33.726 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

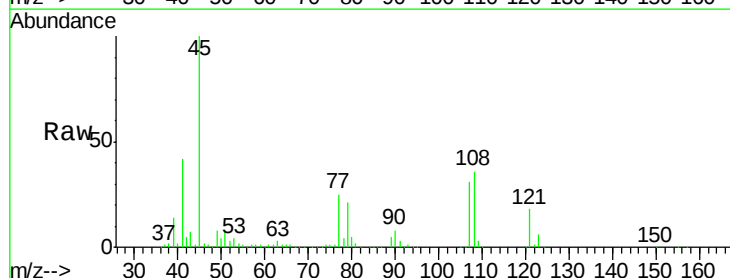
Tgt Ion: 45 Resp: 479683

Ion Ratio Lower Upper

45 100

77 24.7 0.0 32.9

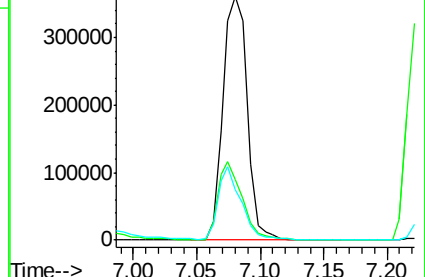
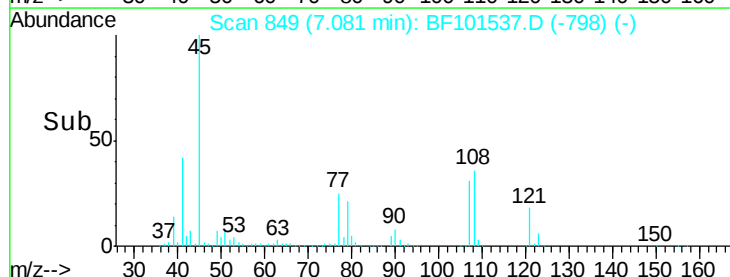
79 20.8 0.0 29.6

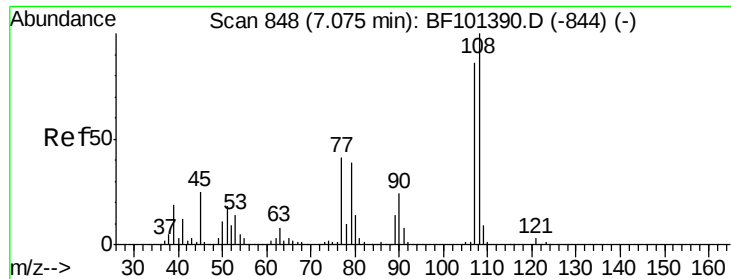


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

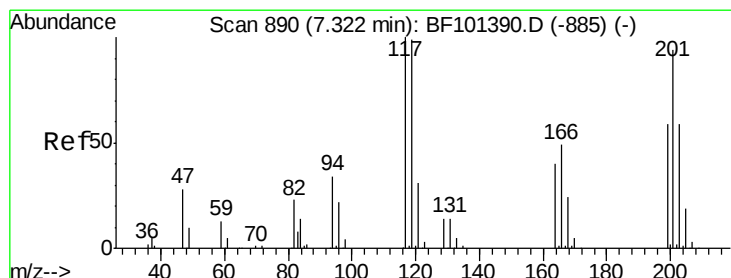
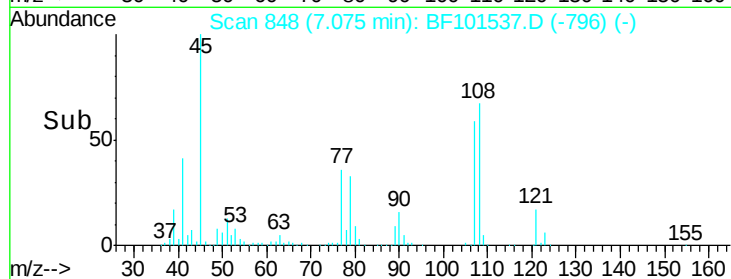
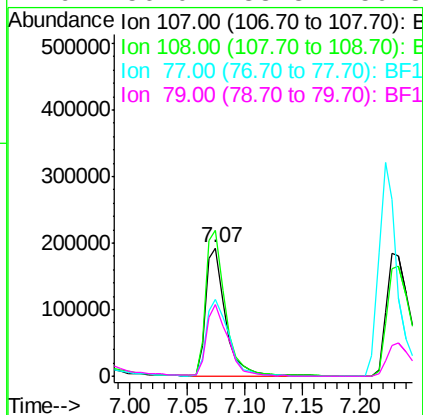
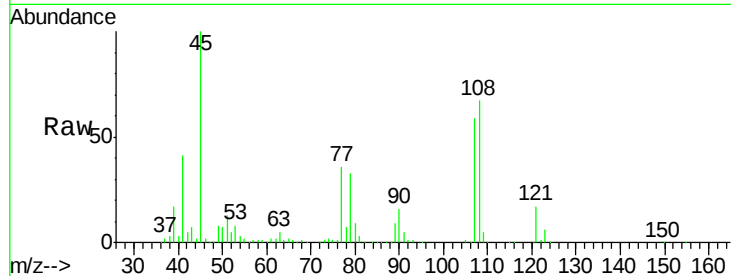




#17
2-Methylphenol
Concen: 28.020 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

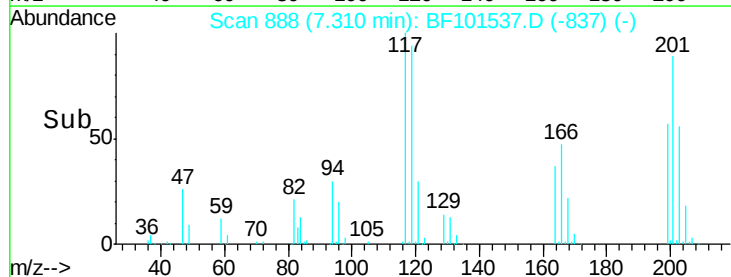
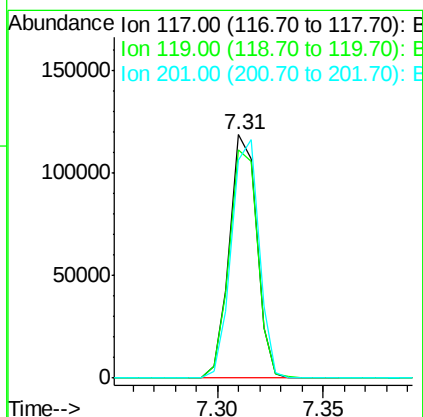
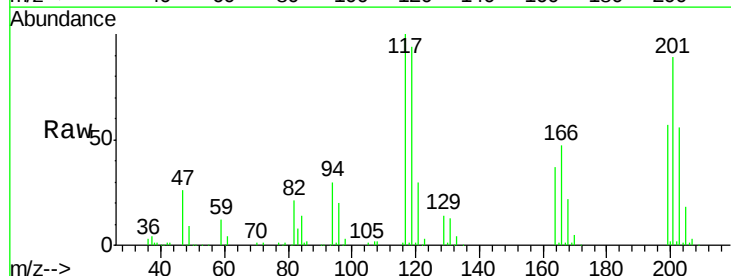
Instrument :
BNA_F
ClientSampled :
72-12000MS

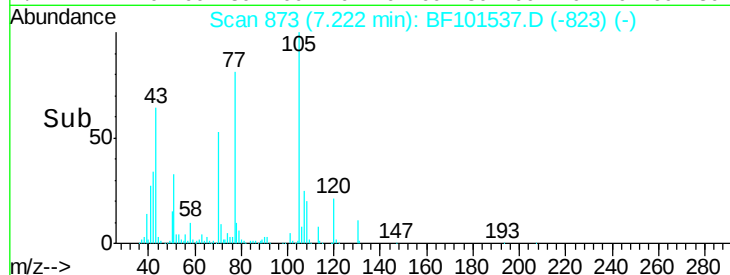
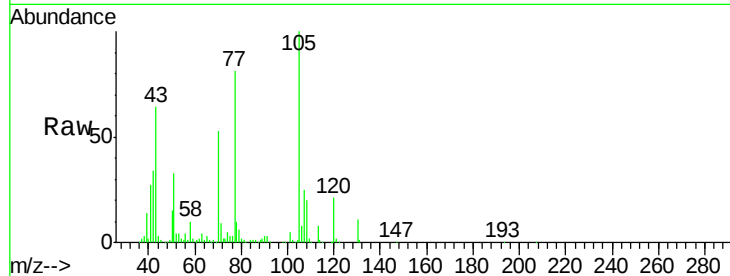
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	60.5	33.8	50.8#
79	56.0	33.8	50.8#



#18
Hexachloroethane
Concen: 30.151 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.8
201	89.4	75.7	113.5

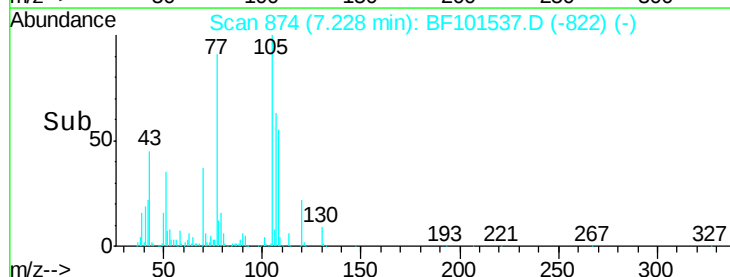
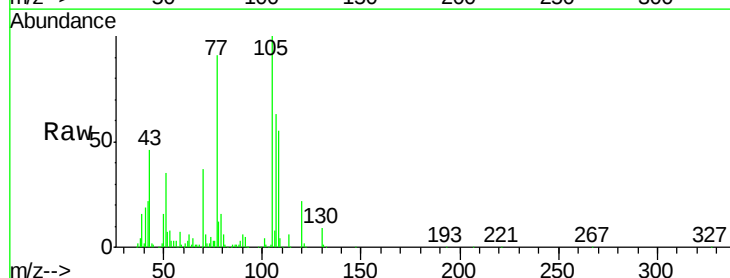
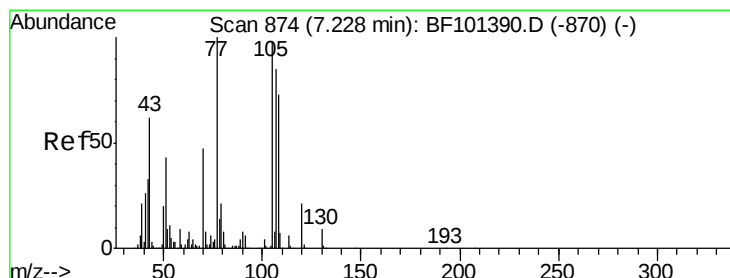
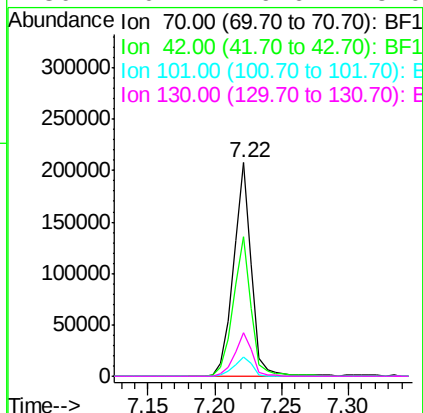




#19
n-Nitroso-di-n-propylamine
Concen: 28.551 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

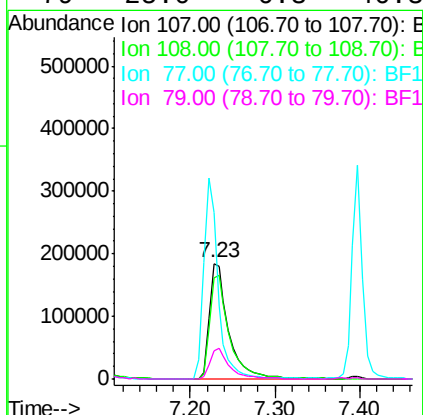
Instrument :
BNA_F
ClientSampleId :
72-12000MS

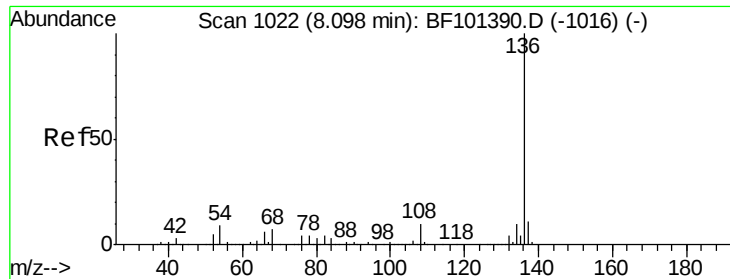
Tot Ion: 70 Resp: 194906
Ion Ratio Lower Upper
70 100
42 65.4 47.5 71.3
101 9.0 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 35.025 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion: 107 Resp: 299964
Ion Ratio Lower Upper
107 100
108 87.8 68.2 108.2
77 144.0 26.7 66.7#
79 25.0 6.3 46.3

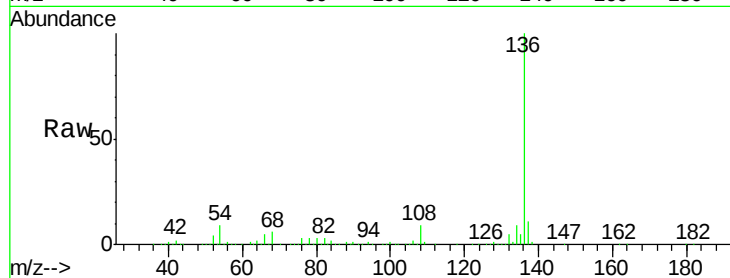




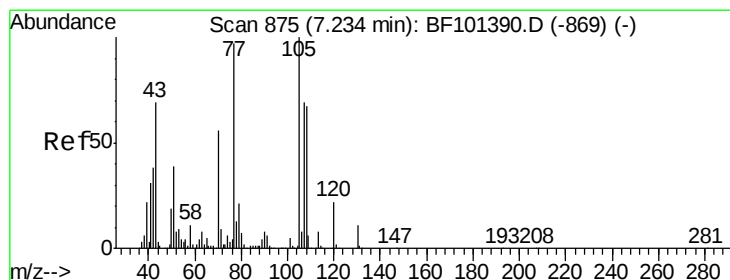
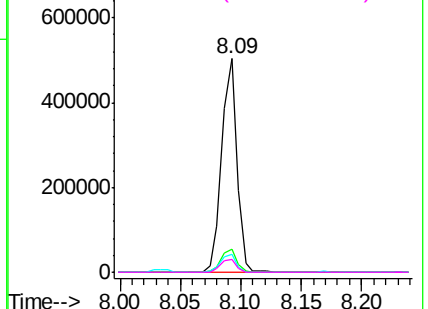
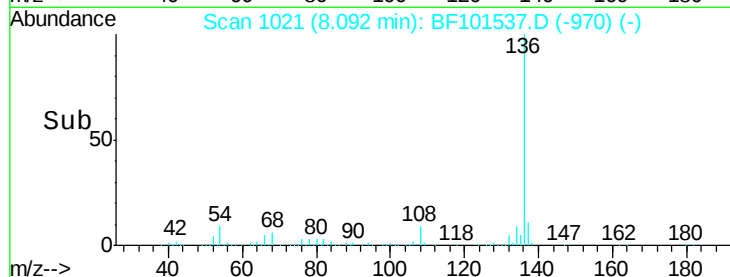
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Instrument :
BNA_F
ClientSampleId :
72-12000MS

Tot Ion:136	Resp:	439190
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 8.5	6.6	9.8
68 6.2	5.0	7.4

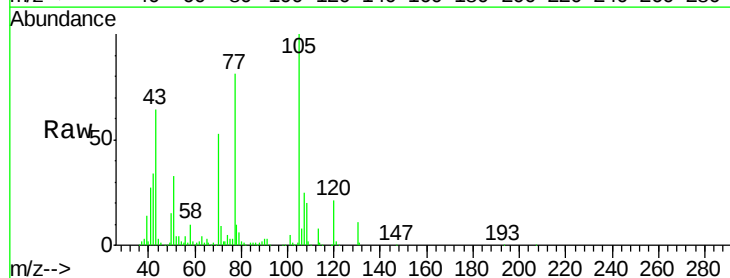


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

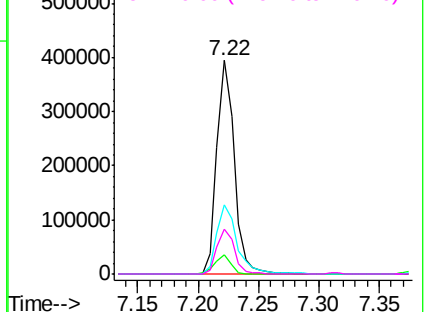
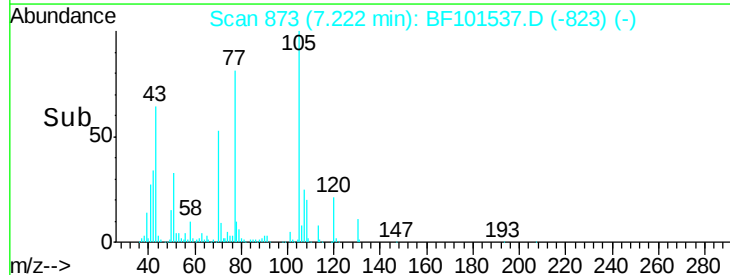


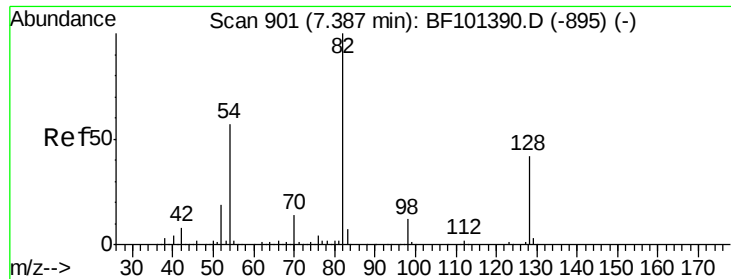
#22
Acetophenone
Concen: 39.257 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt	Ion:105	Resp:	393407
Ion	Ratio	Lower	Upper
105	100		
71	8.9	4.4	6.6#
51	32.6	22.3	33.5
120	21.3	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

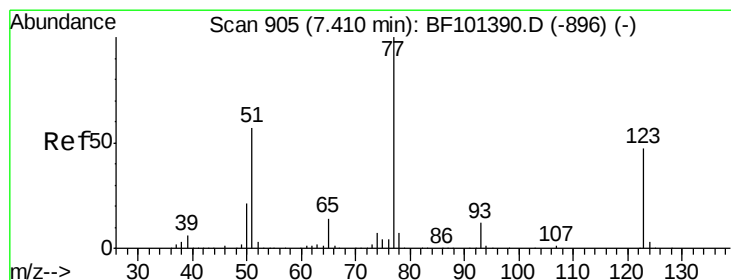
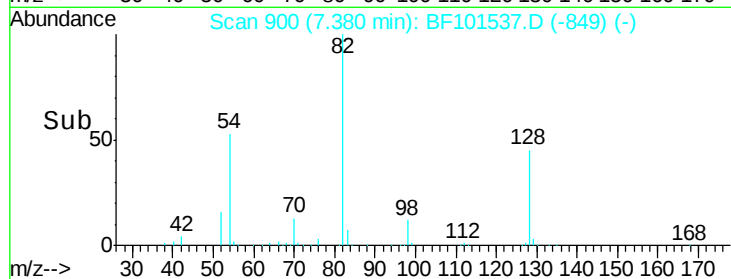
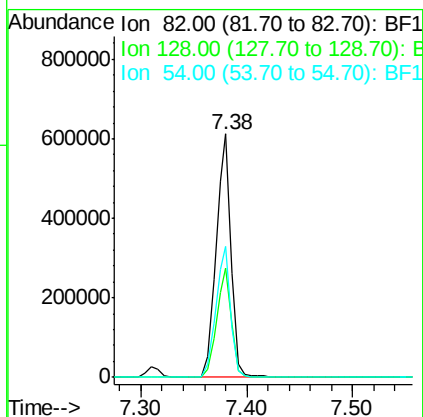
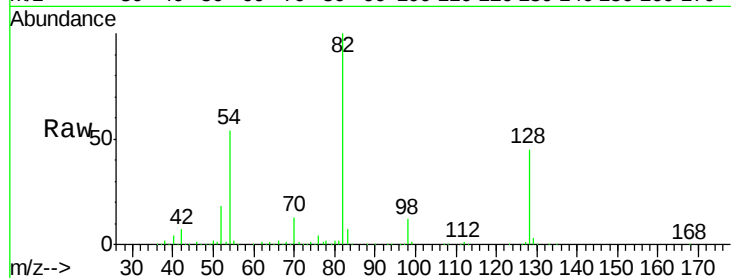




#23
Nitrobenzene-d5
Concen: 77.459 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

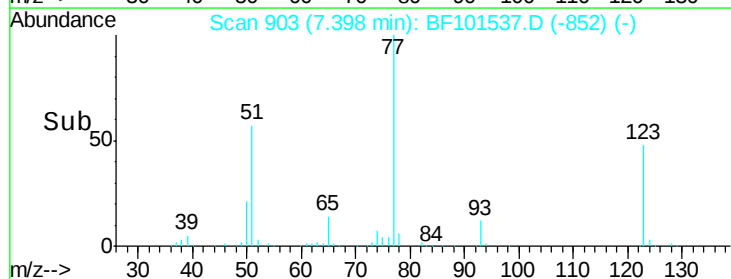
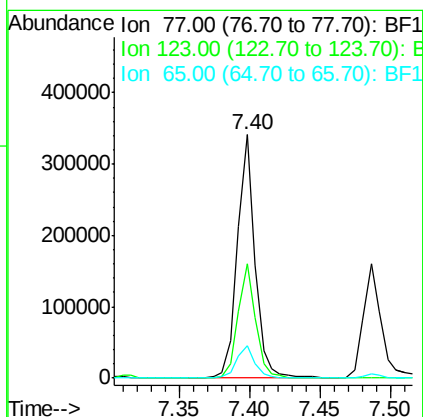
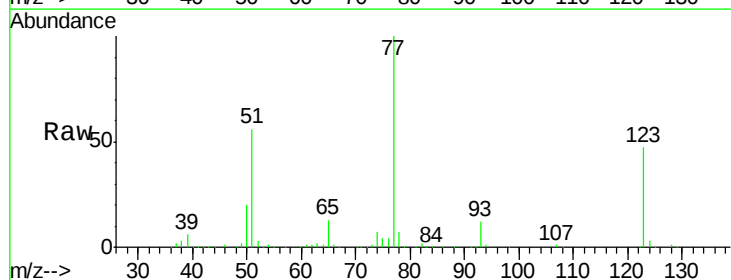
Instrument :
BNA_F
ClientSampleId :
72-12000MS

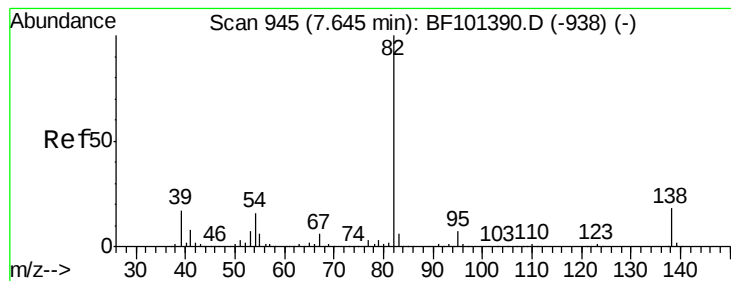
Tot Ion: 82 Resp: 611136
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 53.6 41.4 62.2



#24
Nitrobenzene
Concen: 34.014 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion: 77 Resp: 297008
Ion Ratio Lower Upper
77 100
123 47.0 37.9 56.9
65 13.5 11.0 16.4





#25

Isophorone

Concen: 32.972 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

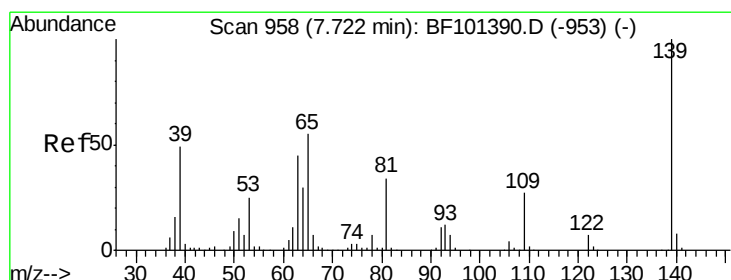
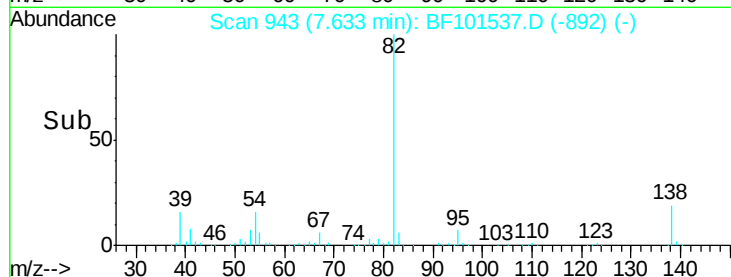
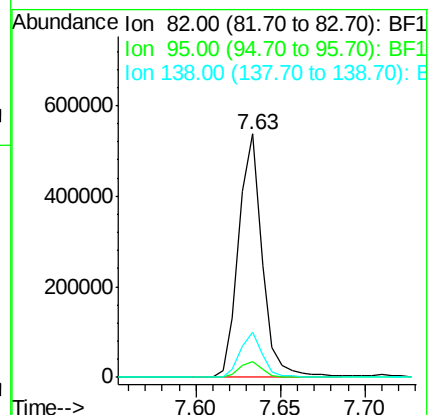
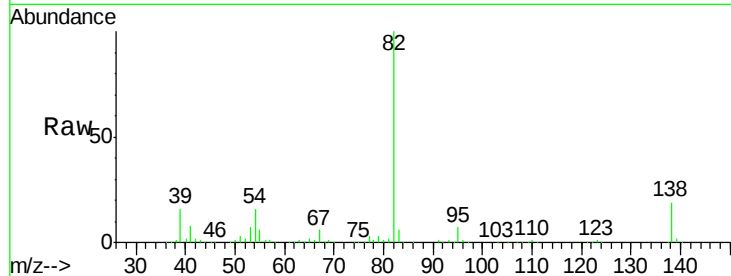
Tot Ion: 82 Resp: 521858

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 37.714 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

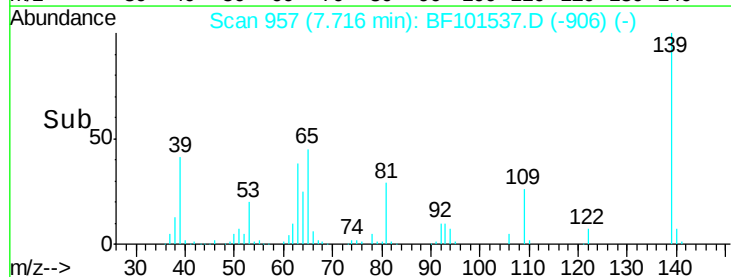
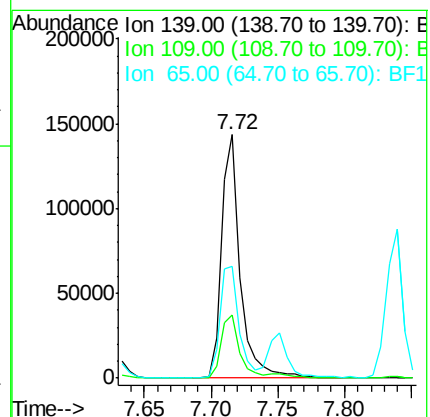
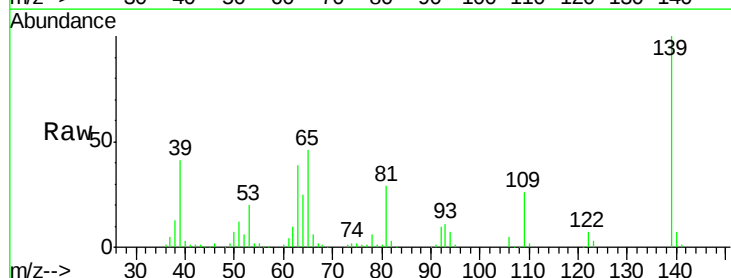
Tgt Ion: 139 Resp: 141481

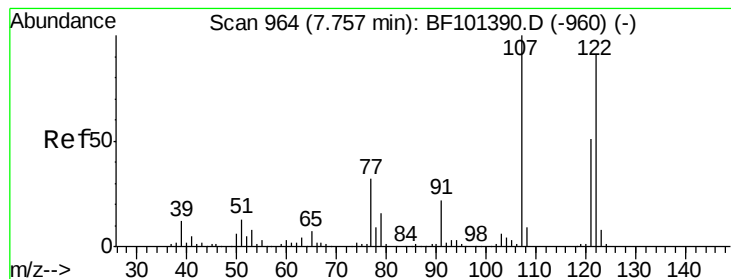
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 46.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.076 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

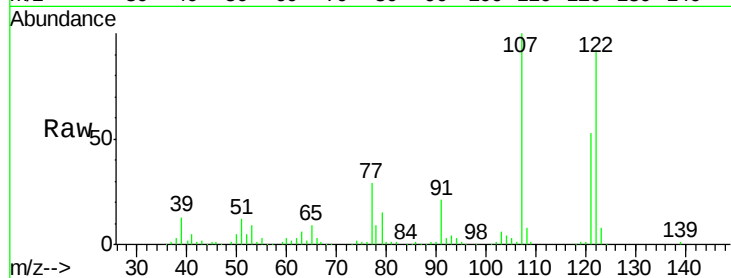
Tot Ion:122 Resp: 236291

Ion Ratio Lower Upper

122 100

107 108.8 91.2 136.8

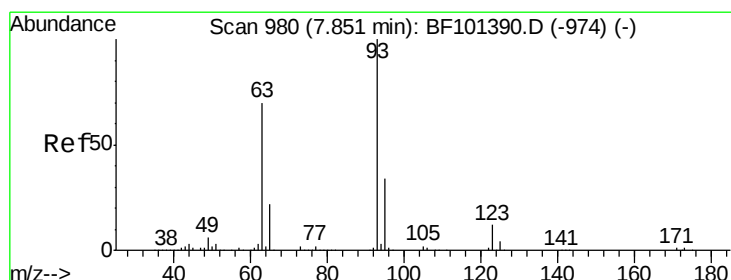
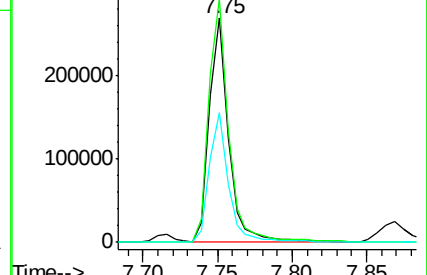
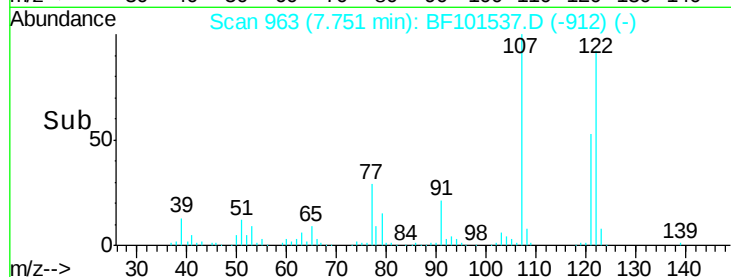
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.293 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

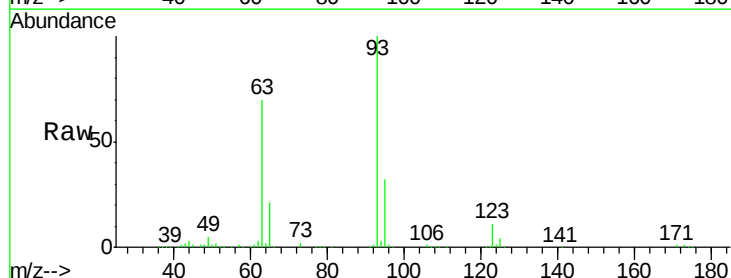
Tgt Ion: 93 Resp: 344782

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

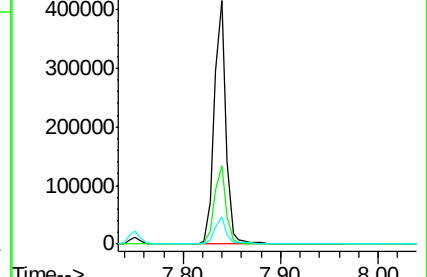
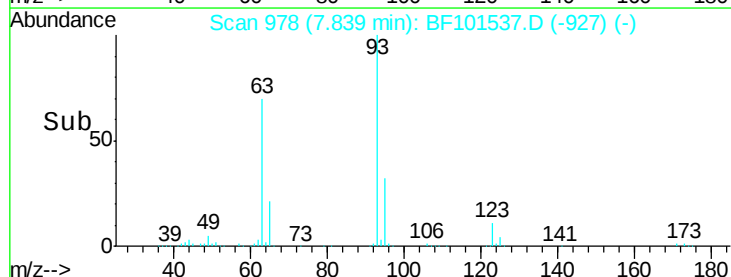
123 11.2 9.8 14.6

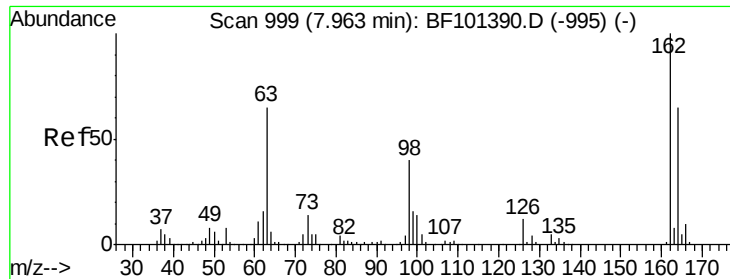


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

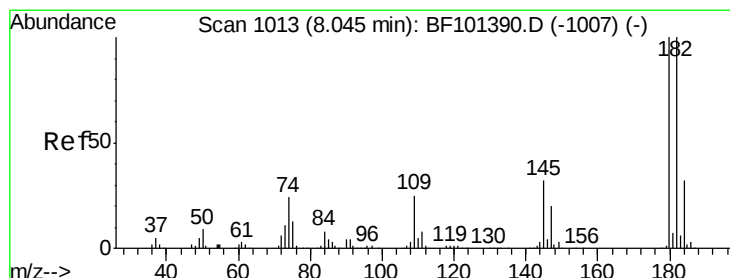
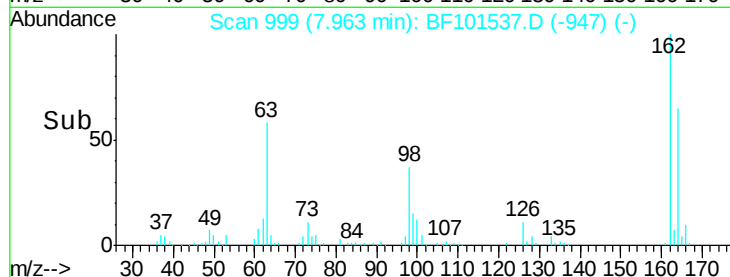
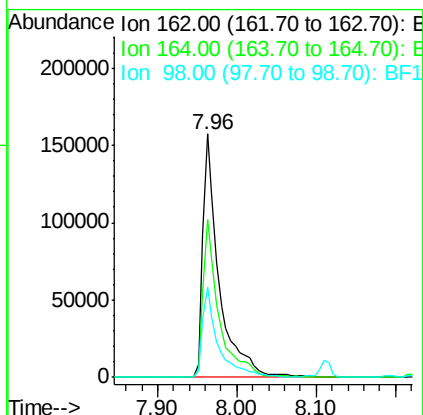
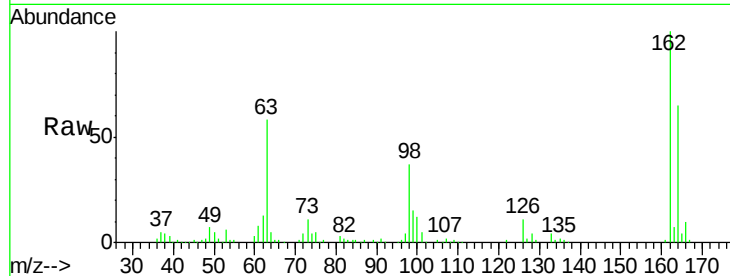




#29
 2,4-Dichlorophenol
 Concen: 36.326 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

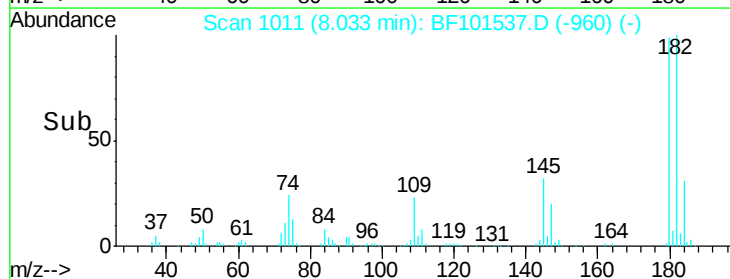
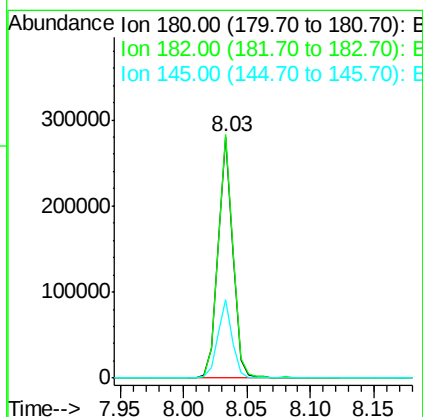
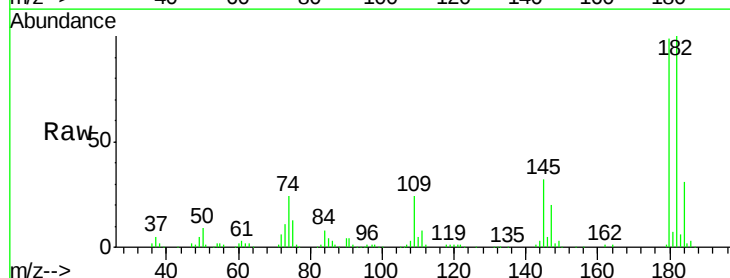
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

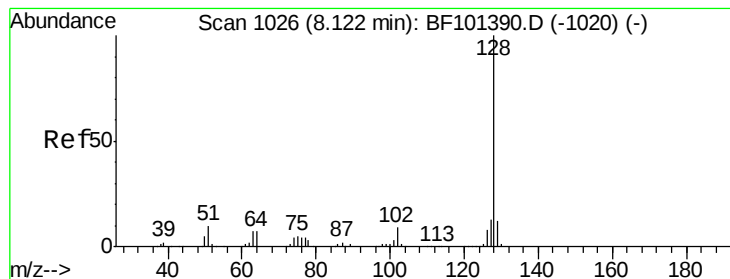
Tot Ion:162 Resp: 228722
 Ion Ratio Lower Upper
 162 100
 164 64.9 42.7 82.7
 98 37.0 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.367 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion:180 Resp: 234998
 Ion Ratio Lower Upper
 180 100
 182 100.8 76.8 115.2
 145 32.6 26.5 39.7





#31

Naphthalene

Concen: 33.979 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

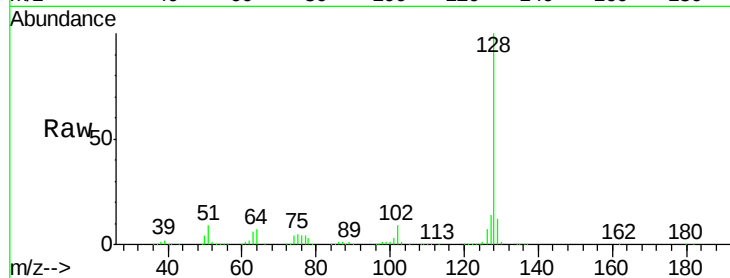
Tot Ion:128 Resp: 751287

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

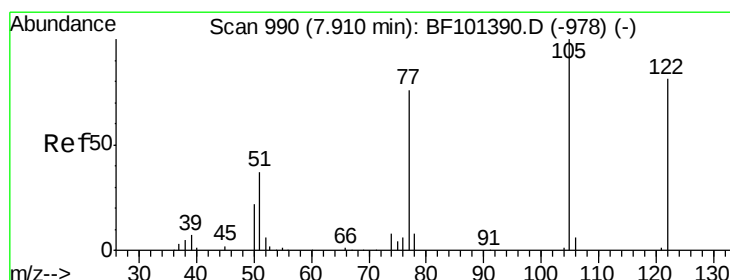
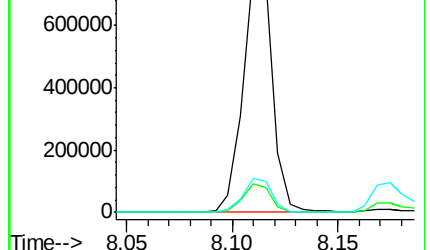
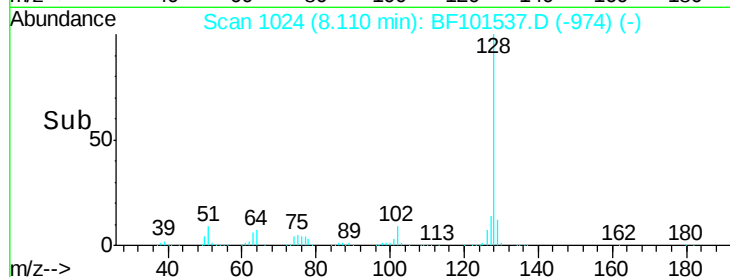
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.082 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.04 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

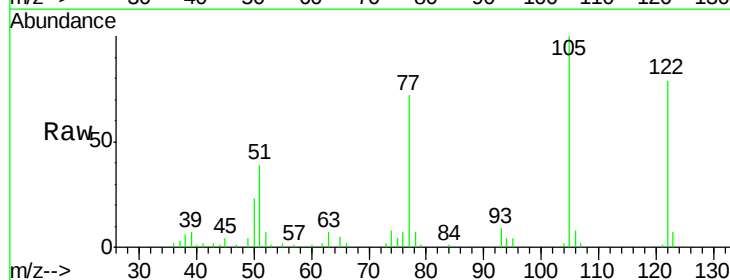
Tgt Ion:122 Resp: 31511

Ion Ratio Lower Upper

122 100

105 127.2 101.1 141.1

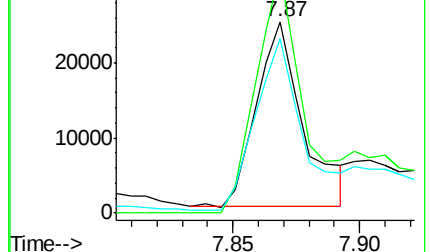
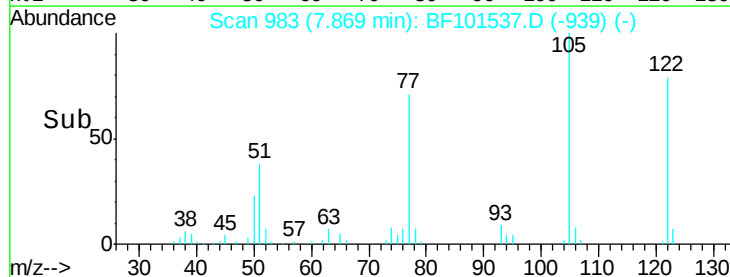
77 91.4 70.7 110.7

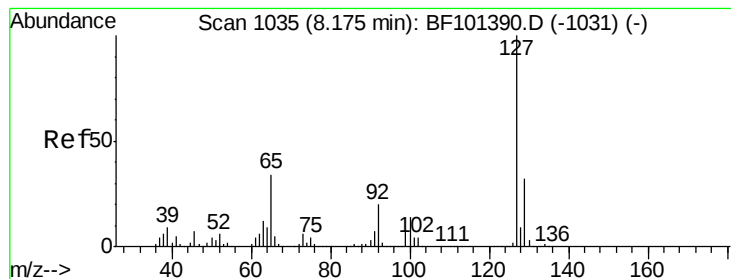


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.175 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

Tot Ion:127 Resp: 136219

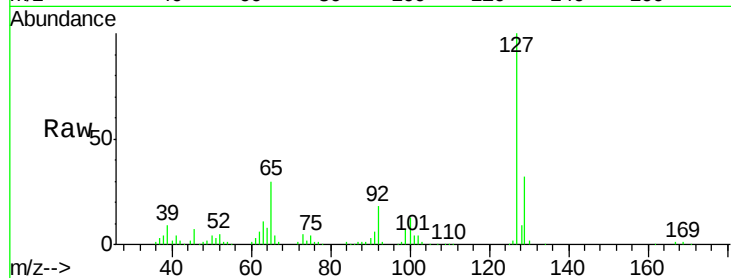
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 30.2 25.0 37.4

92 18.3 15.2 22.8

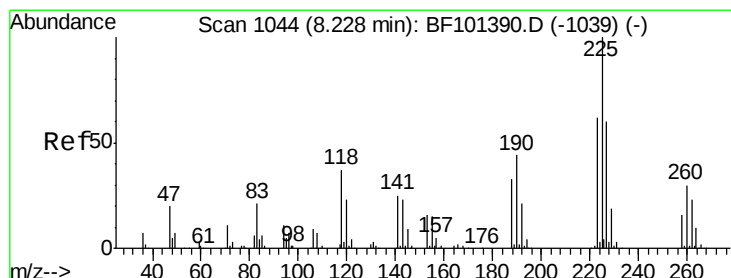
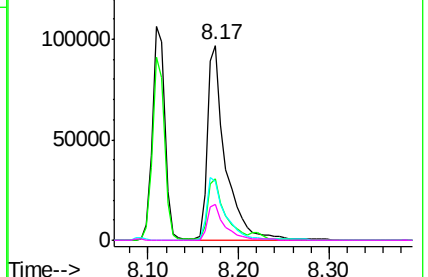
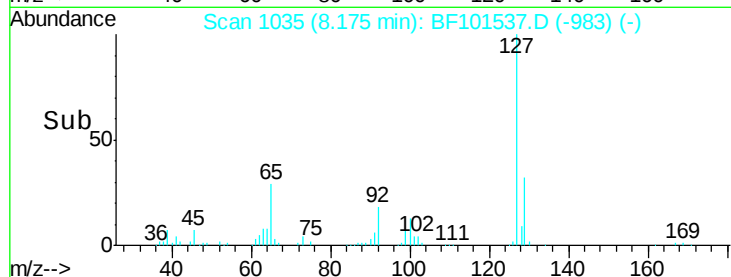


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.725 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

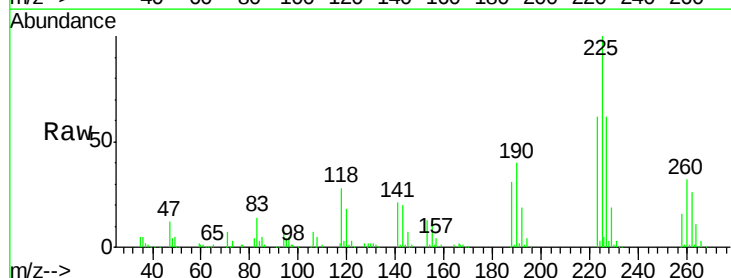
Tgt Ion:225 Resp: 141136

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

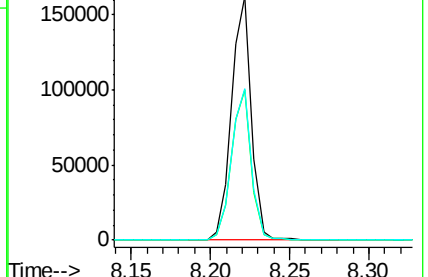
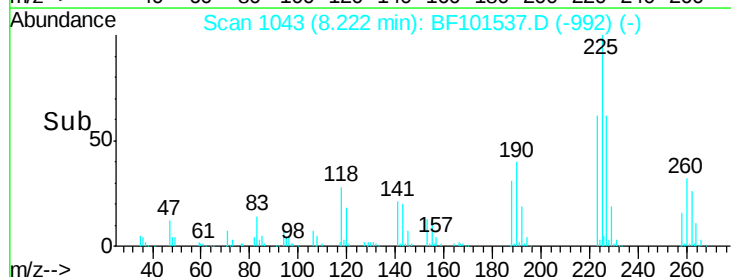
227 62.2 51.9 77.9

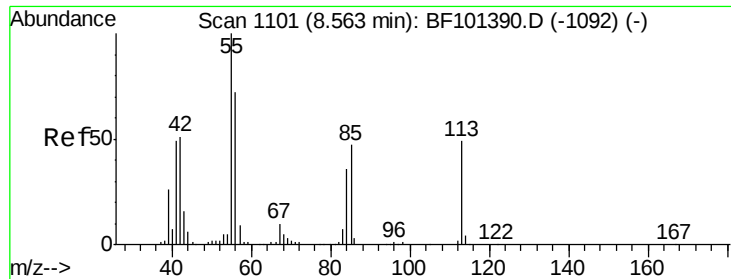


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.300 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

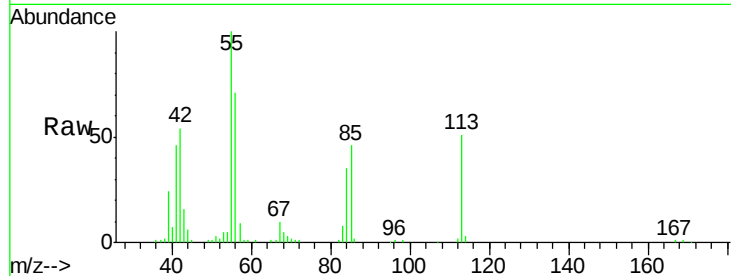
Tot Ion:113 Resp: 61872

Ion Ratio Lower Upper

113 100

55 197.0 163.3 203.3

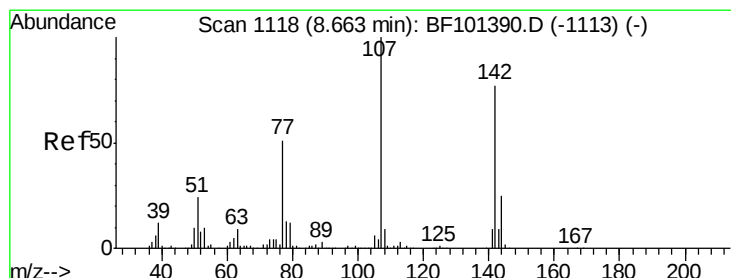
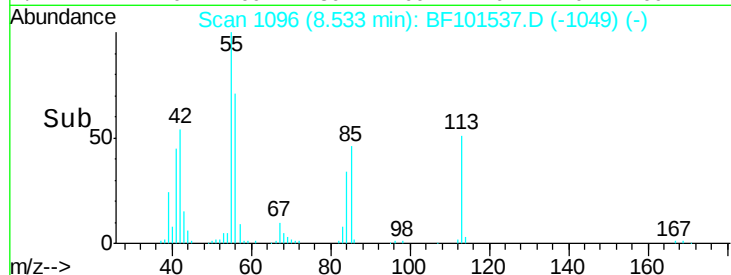
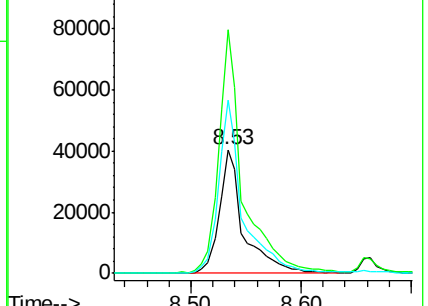
56 140.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 30.924 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

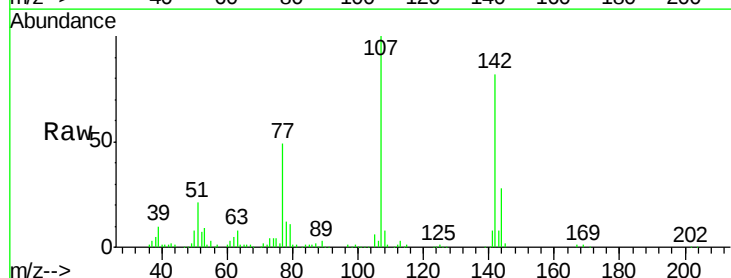
Tgt Ion:107 Resp: 214010

Ion Ratio Lower Upper

107 100

144 28.0 20.5 30.7

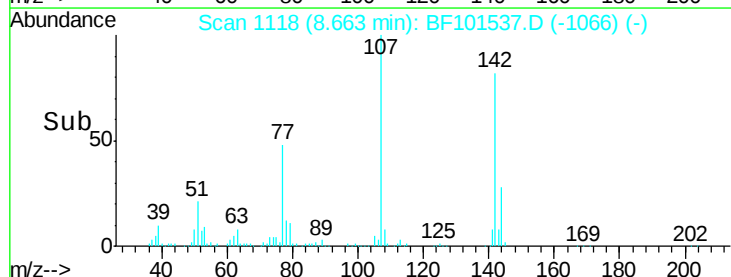
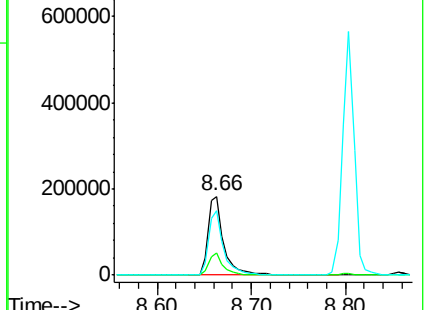
142 81.7 62.0 93.0

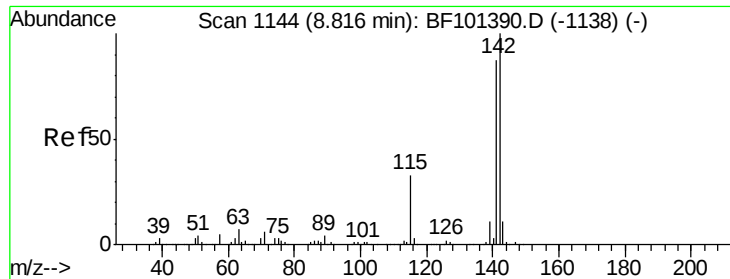


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

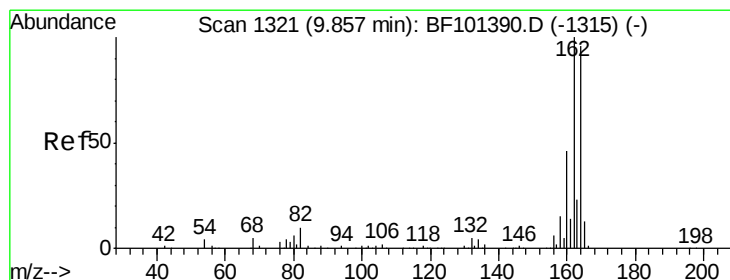
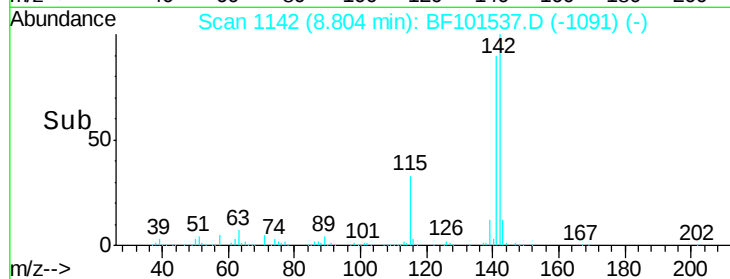
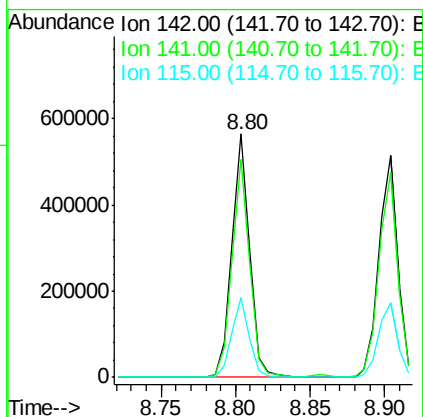
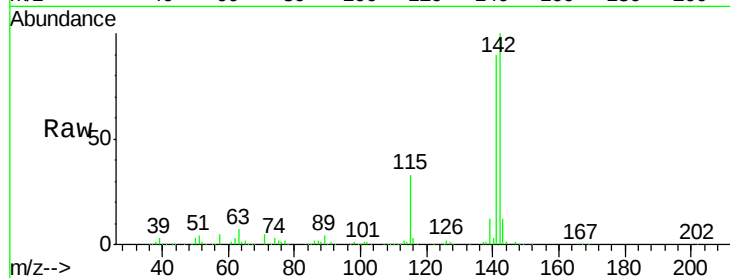




#37
2-Methylnaphthalene
Concen: 33.571 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

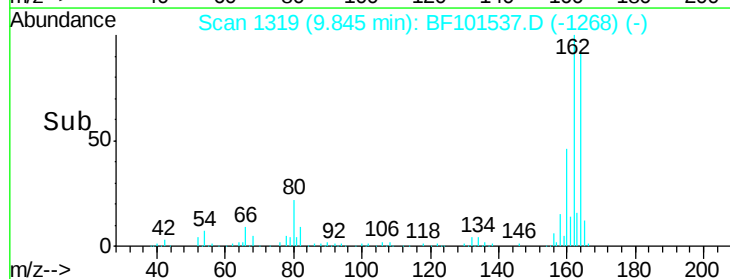
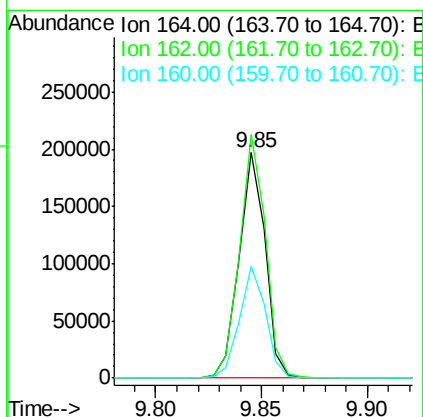
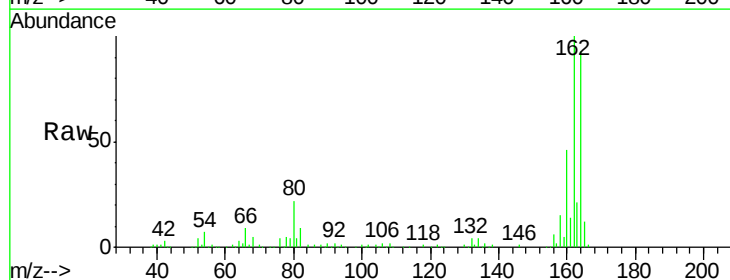
Instrument :
BNA_F
ClientSampleId :
72-12000MS

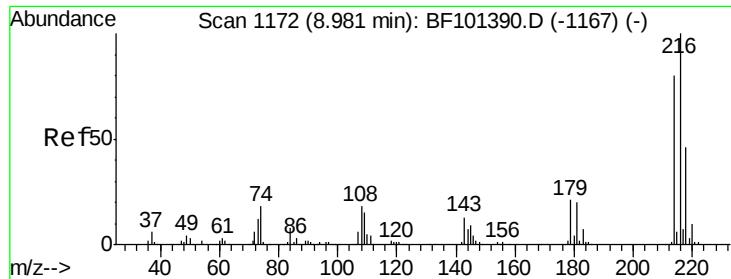
Tot Ion:142 Resp: 483605
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2
115 32.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:164 Resp: 168098
Ion Ratio Lower Upper
164 100
162 108.0 86.1 129.1
160 49.3 38.3 57.5

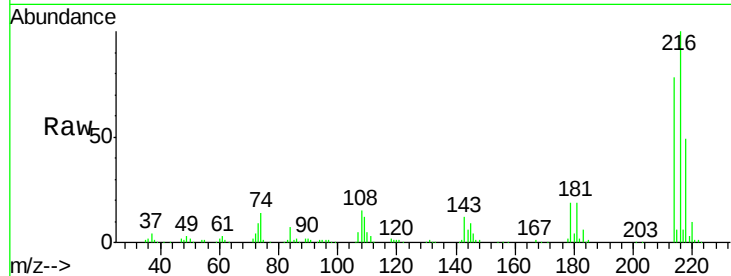




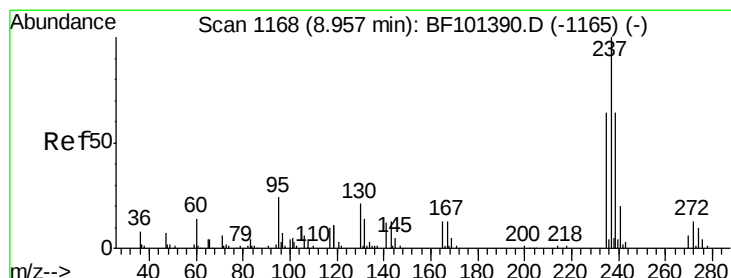
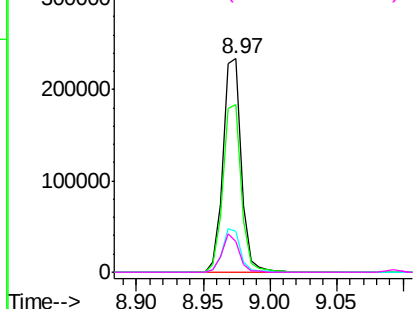
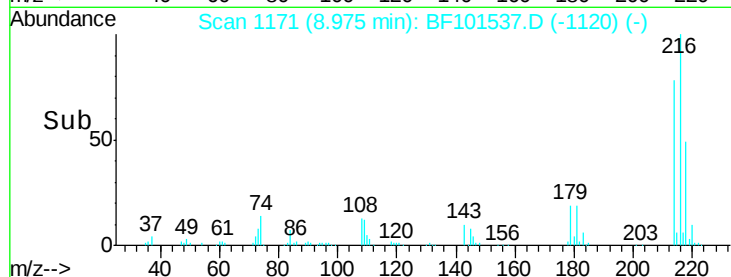
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.117 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

Tot Ion:	216	Resp:	227678
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.1	18.1	27.1
108	16.9	17.2	25.8#

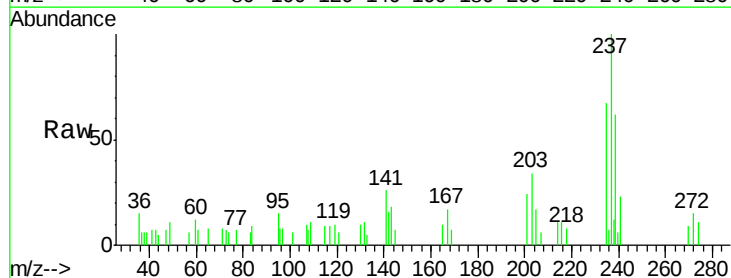


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

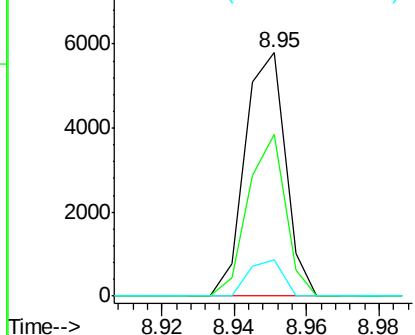
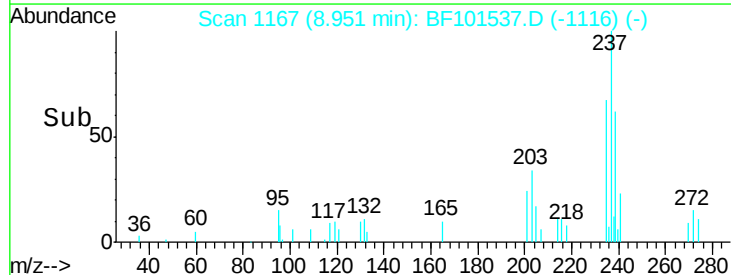


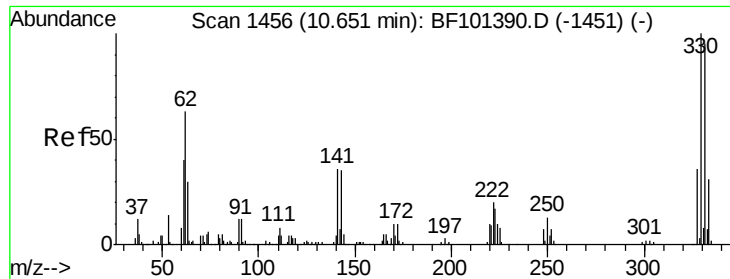
#40
 Hexachlorocyclopentadiene
 Concen: 16.569 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion:	237	Resp:	4468
Ion	Ratio	Lower	Upper
237	100		
235	66.5	44.8	84.8
272	15.1	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

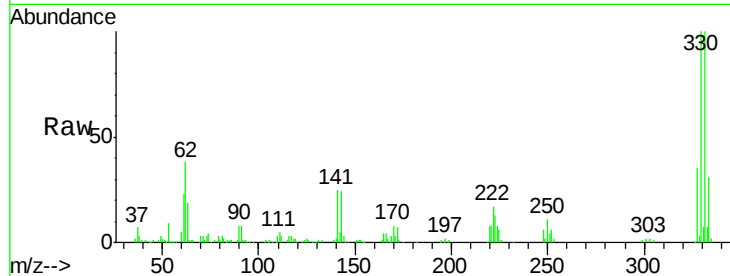




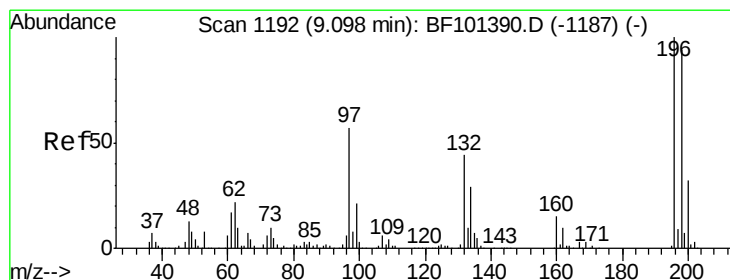
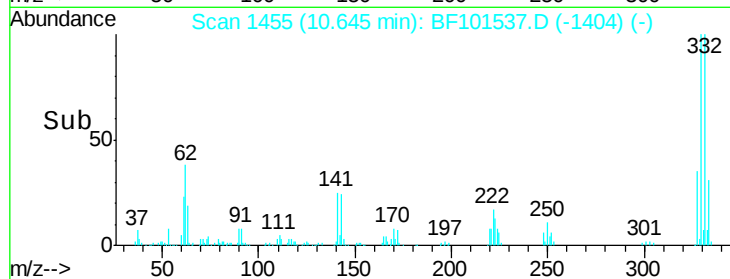
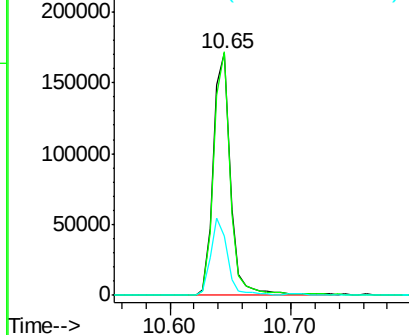
#41
 2,4,6-Tribromophenol
 Concen: 103.813 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

Tot Ion:330 Resp: 168152
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 31.2 29.9 44.9

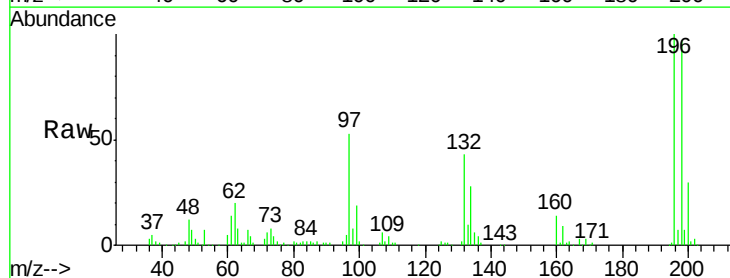


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

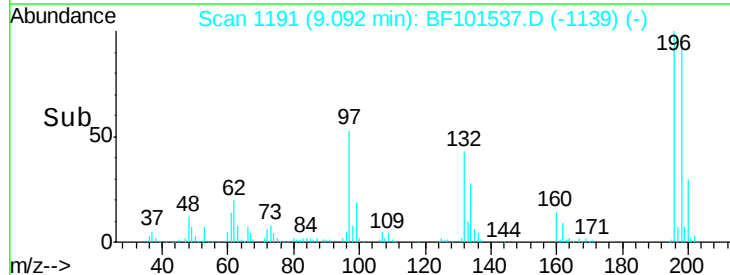
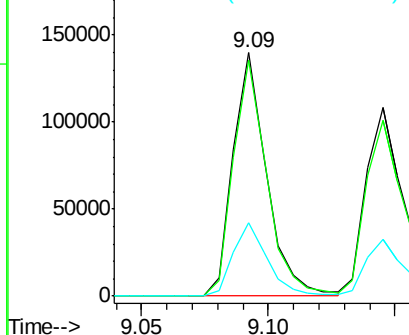


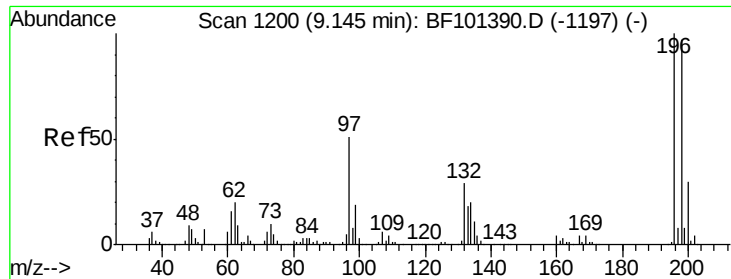
#42
 2,4,6-Trichlorophenol
 Concen: 37.644 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion:196 Resp: 128621
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.7 113.5
 200 30.2 24.5 36.7



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

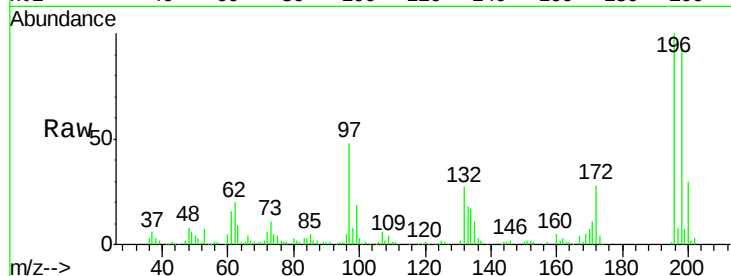




#43
 2,4,5-Trichlorophenol
 Concen: 34.946 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	93.3	74.6	112.0	
97	47.8	42.9	64.3	
132	27.2	26.3	39.5	



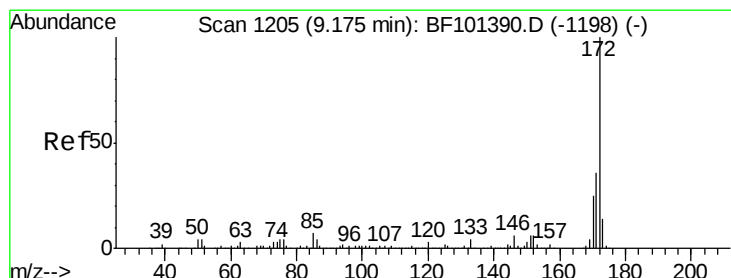
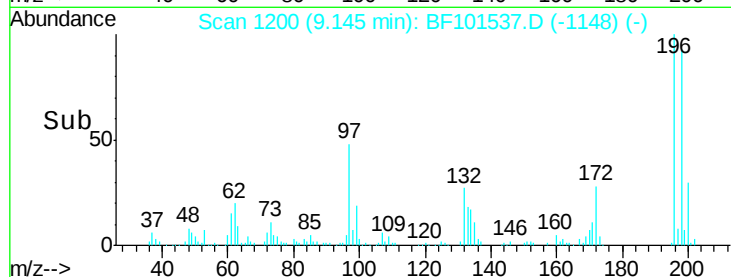
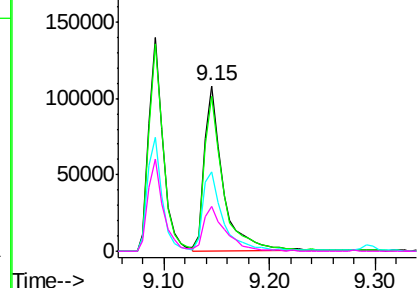
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

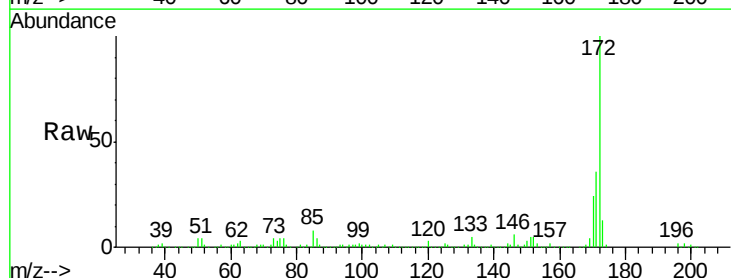
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.307 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	24.3	19.6	29.4	

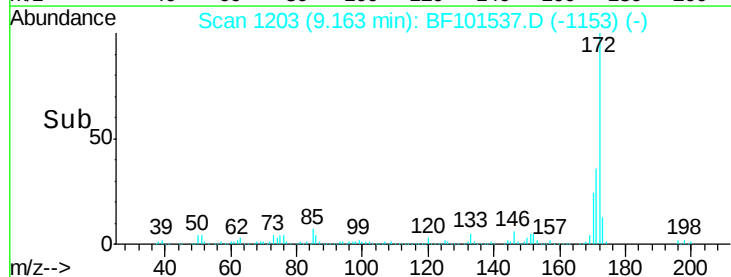
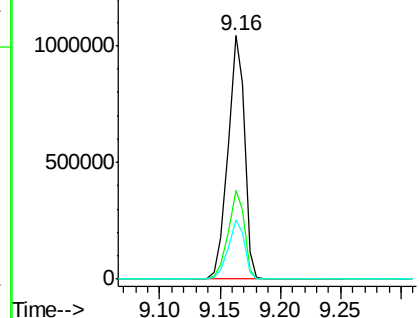


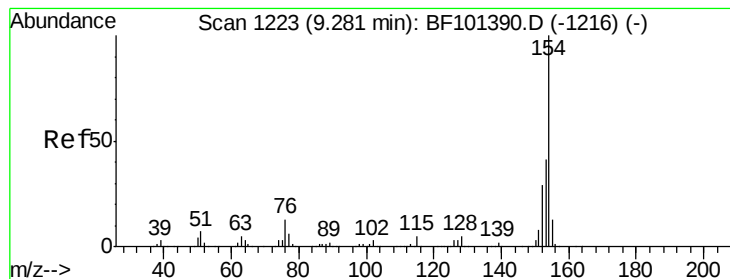
Abundance

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: 39.174 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

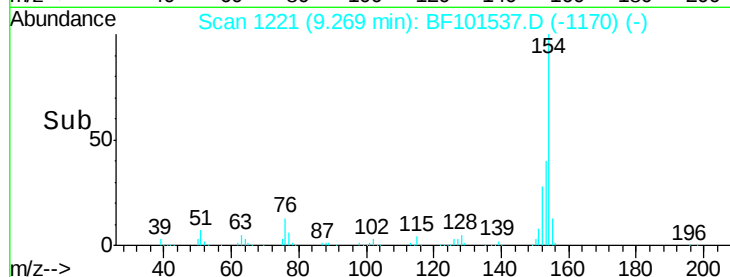
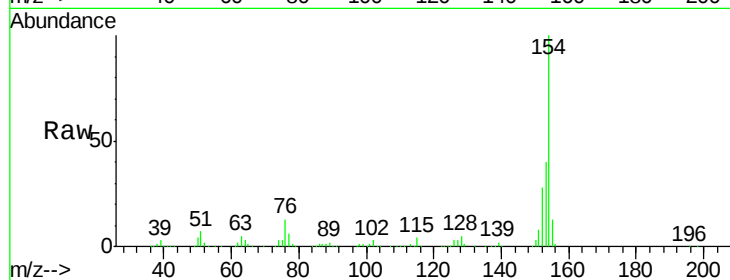
Tot Ion:154 Resp: 584001

Ion Ratio Lower Upper

154 100

153 39.9 21.3 61.3

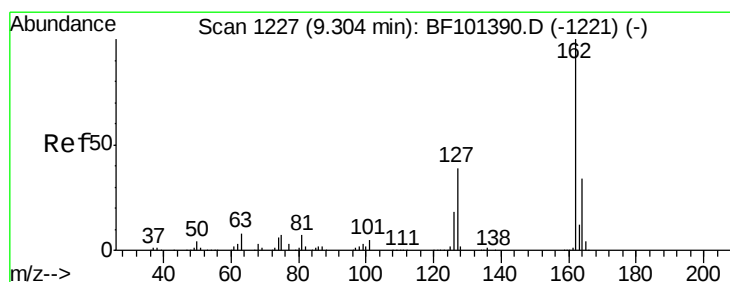
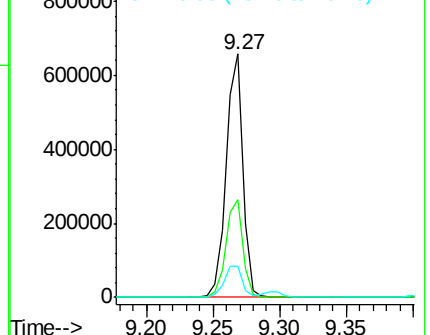
76 12.9 0.0 34.0



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: 37.577 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

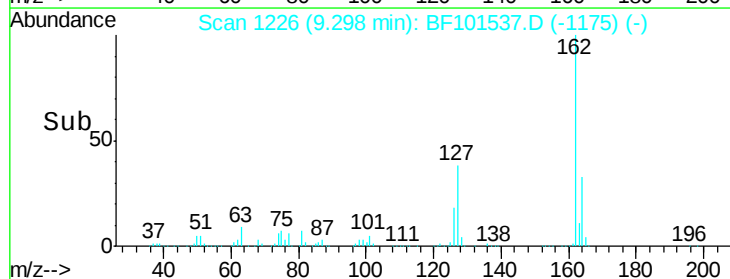
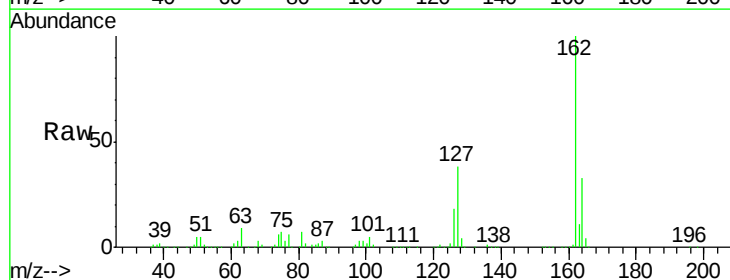
Tgt Ion:162 Resp: 428632

Ion Ratio Lower Upper

162 100

127 38.1 33.9 50.9

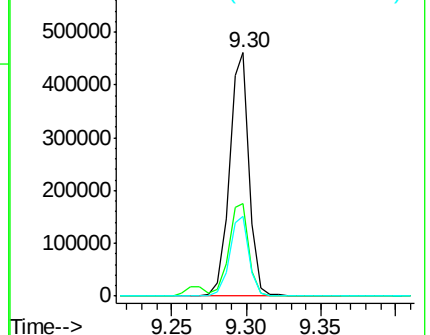
164 32.8 26.5 39.7

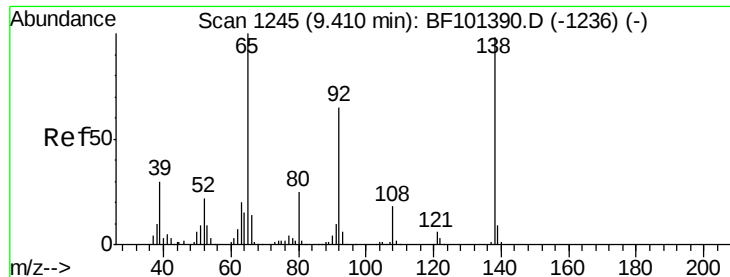


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.173 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

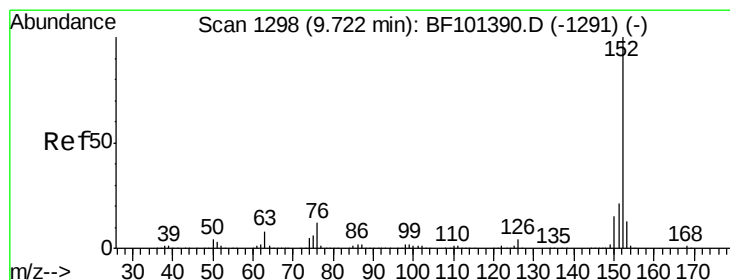
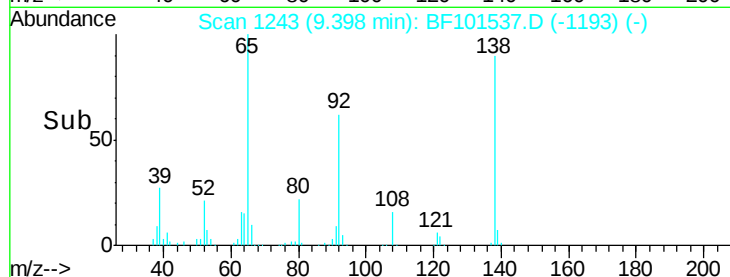
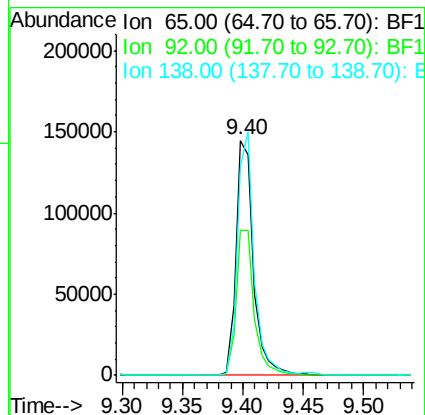
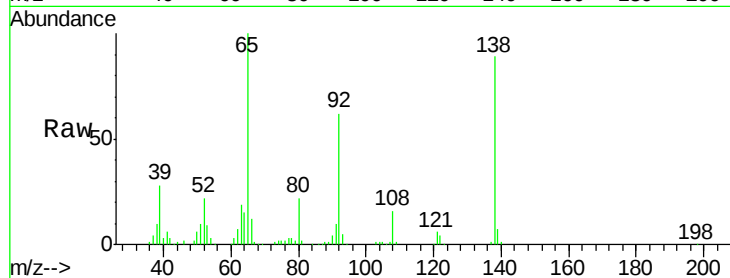
Tot Ion: 65 Resp: 146479

Ion Ratio Lower Upper

65 100

92 61.9 55.8 83.6

138 89.2 91.2 136.8#



#48

Acenaphthylene

Concen: 34.086 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

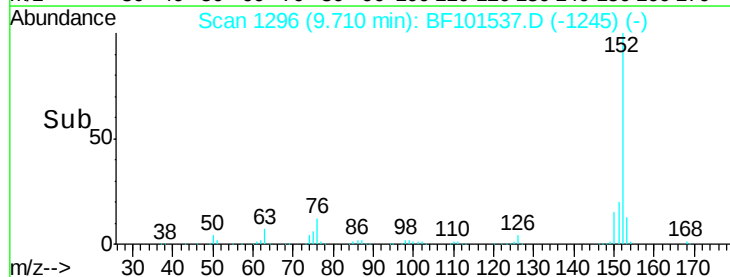
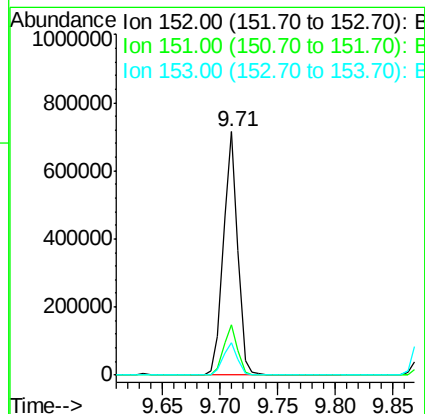
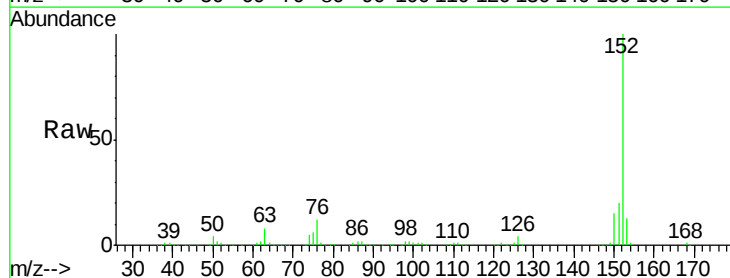
Tgt Ion: 152 Resp: 614120

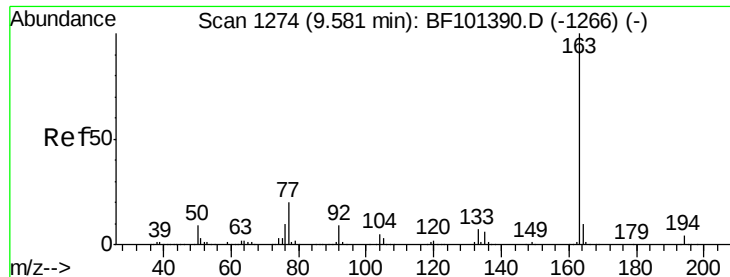
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.1 10.7 16.1

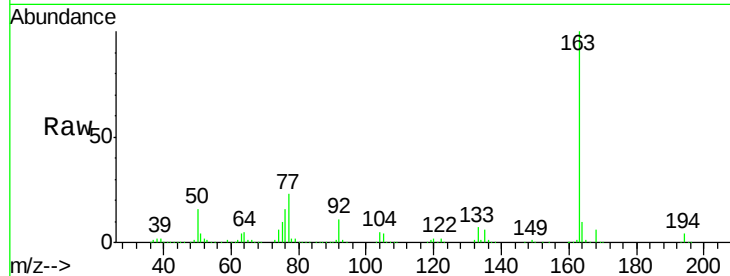




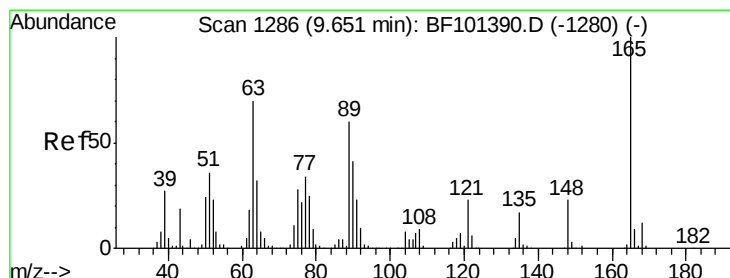
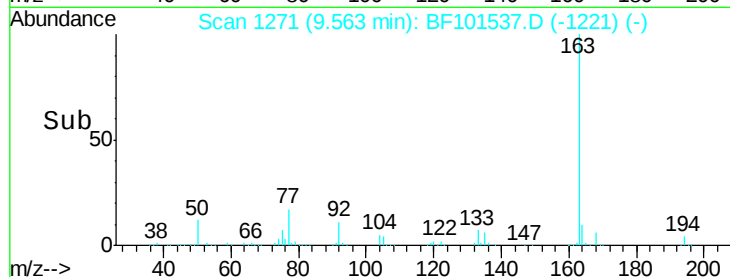
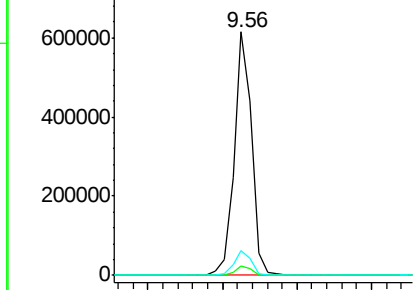
#49
Dimethylphthalate
Concen: 37.150 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Instrument :
BNA_F
ClientSampleId :
72-12000MS

Tot Ion:163 Resp: 502314
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

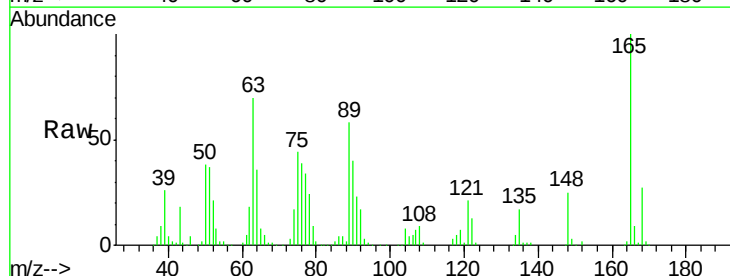


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

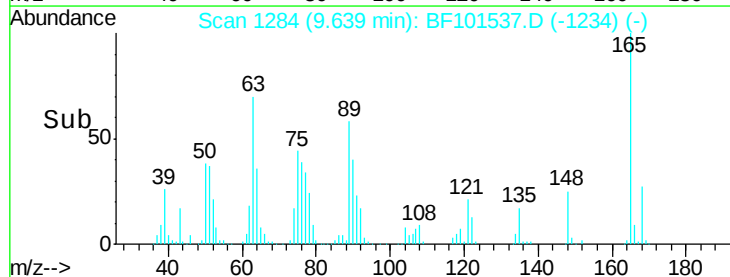
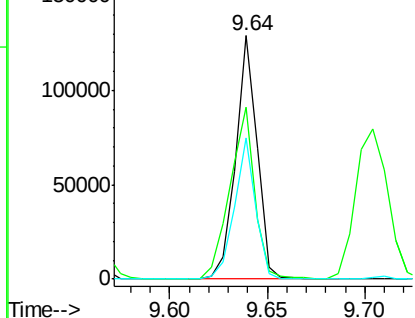


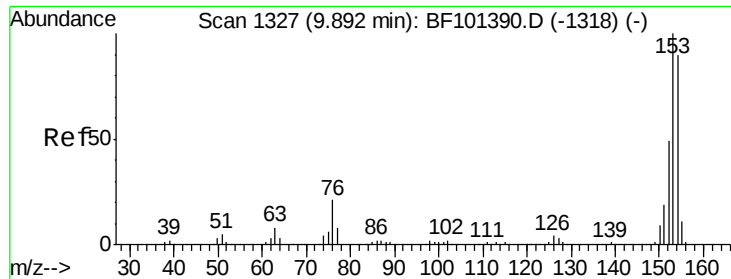
#50
2,6-Dinitrotoluene
Concen: 35.659 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:165 Resp: 97994
Ion Ratio Lower Upper
165 100
63 70.4 44.7 67.1#
89 57.8 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

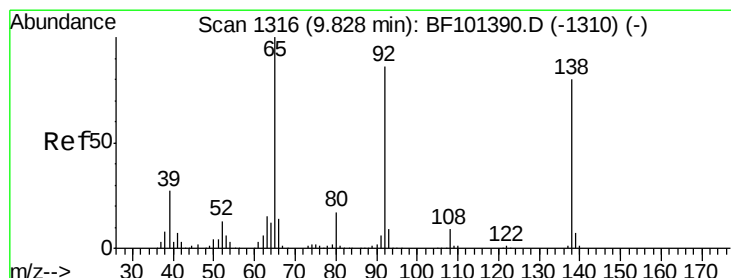
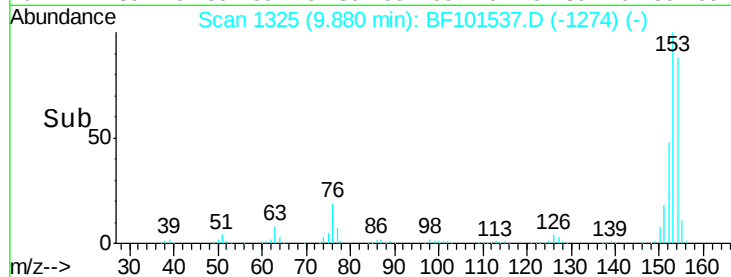
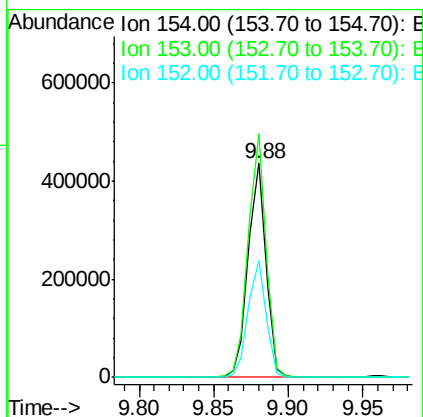
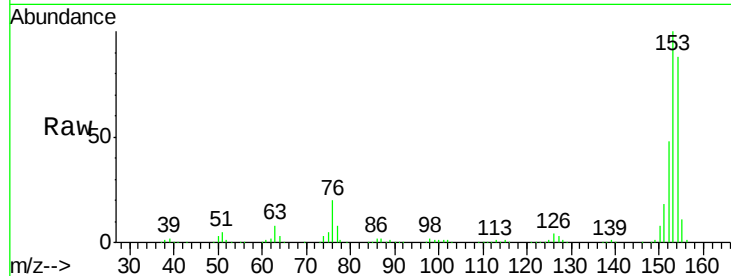




#51
Acenaphthene
Concen: 33.442 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

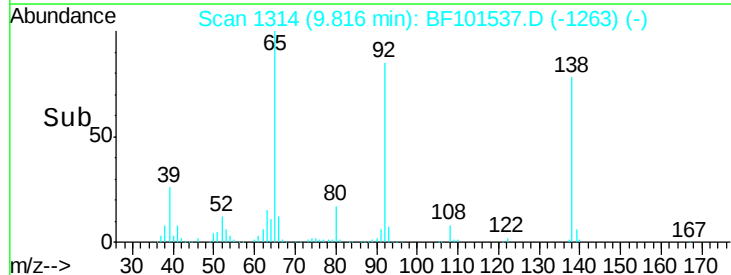
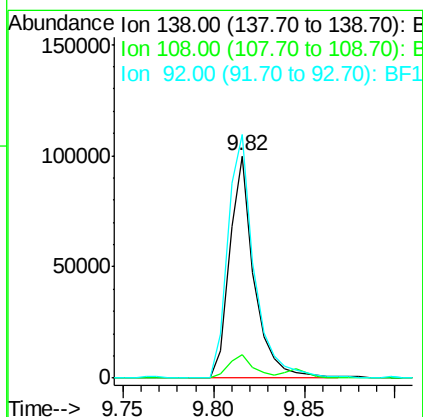
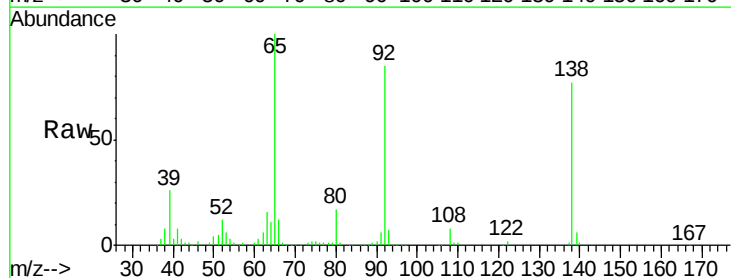
Instrument :
BNA_F
ClientSampleId :
72-12000MS

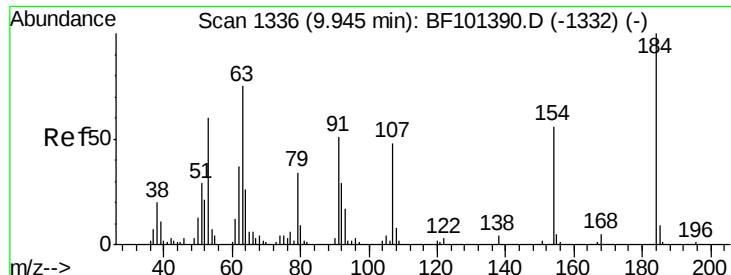
Tot Ion:154 Resp: 361986
Ion Ratio Lower Upper
154 100
153 114.0 91.2 136.8
152 54.5 43.8 65.8



#52
3-Nitroaniline
Concen: 27.416 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:138 Resp: 93934
Ion Ratio Lower Upper
138 100
108 10.5 9.4 14.0
92 109.8 89.4 134.2

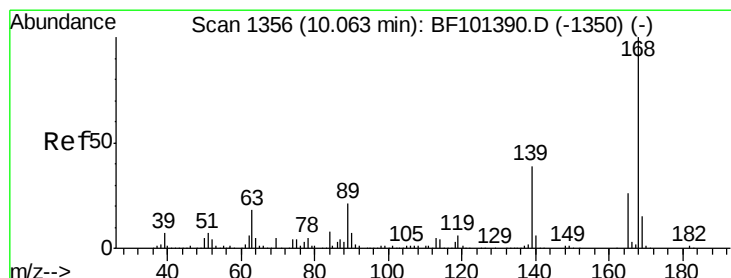
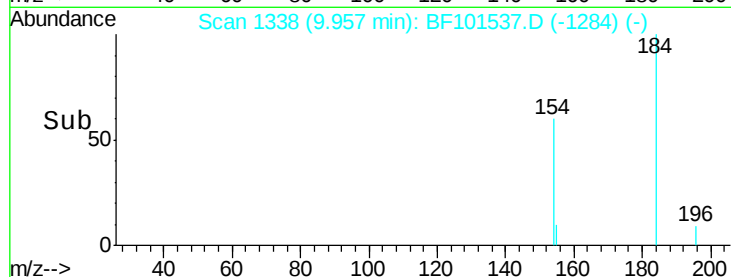
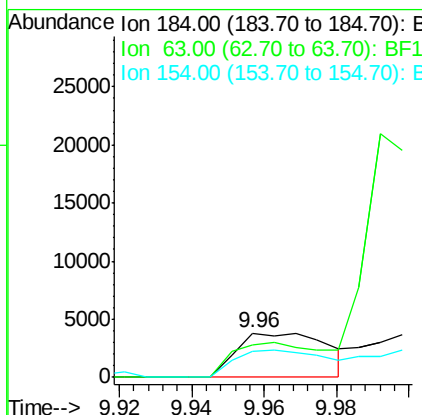
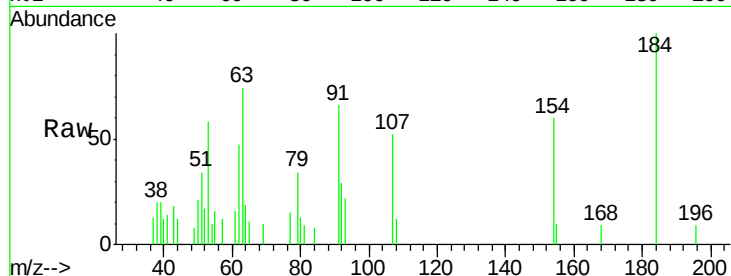




#53
2,4-Dinitrophenol
Concen: 16.343 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

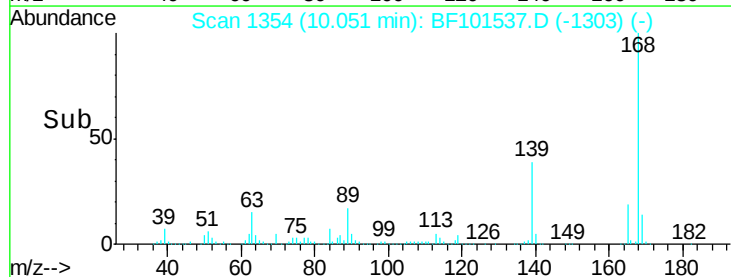
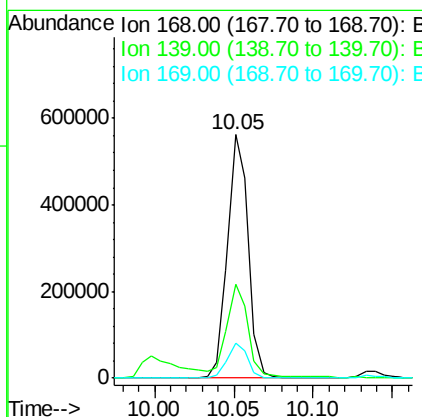
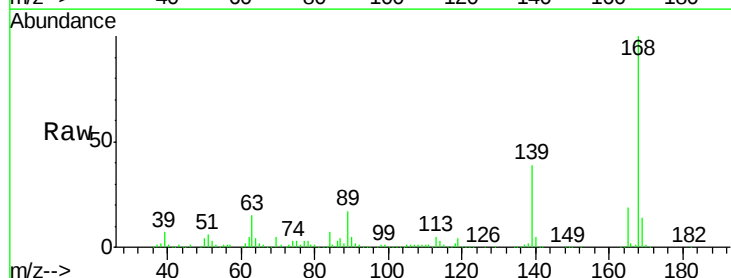
Instrument :
BNA_F
ClientSampleId :
72-12000MS

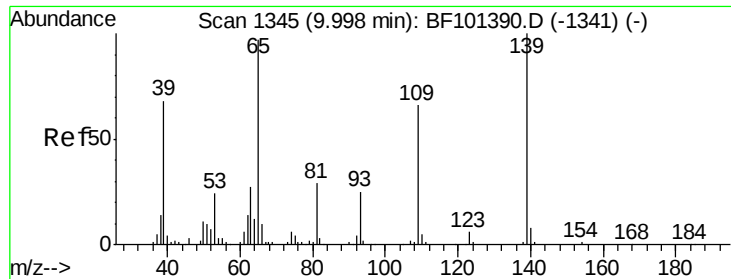
Tot Ion:184 Resp: 6618
Ion Ratio Lower Upper
184 100
63 73.6 54.2 81.2
154 59.6 184.0 276.0#



#54
Dibenzofuran
Concen: 36.803 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:168 Resp: 506263
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.3 10.9 16.3

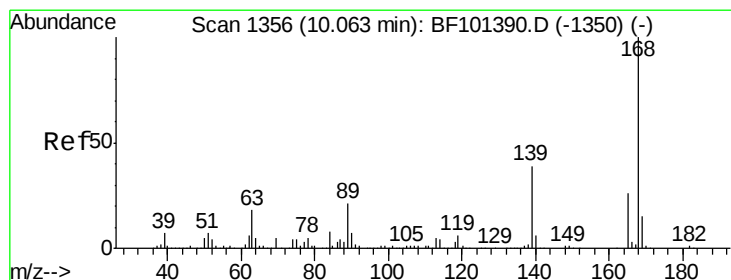
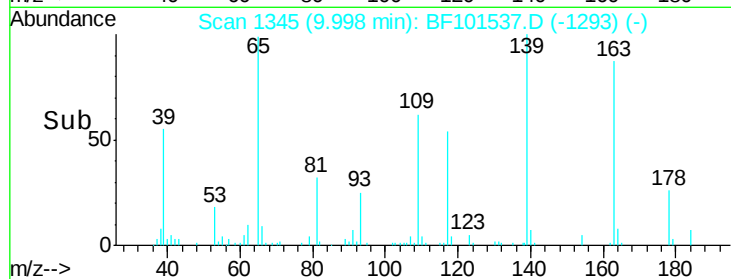
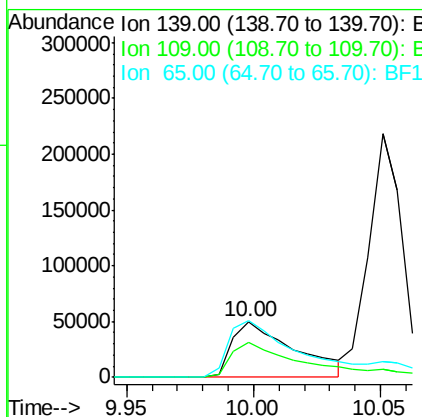
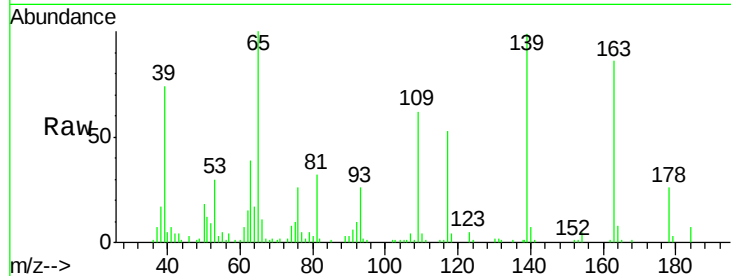




#55
4-Nitrophenol
Concen: 56.519 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

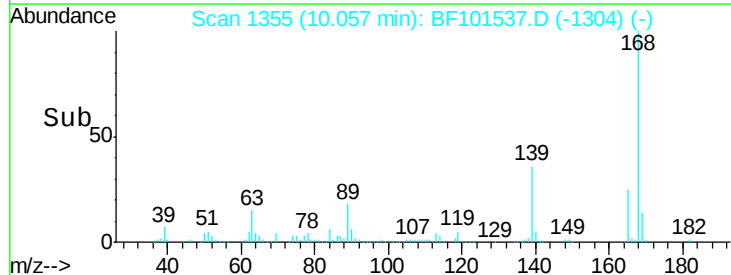
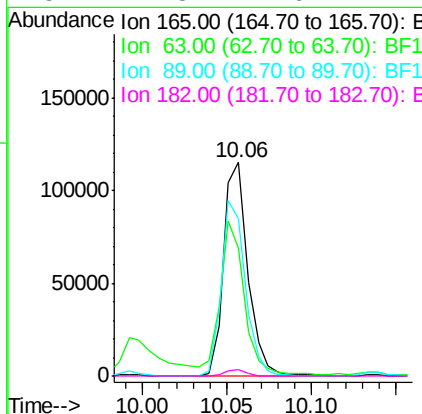
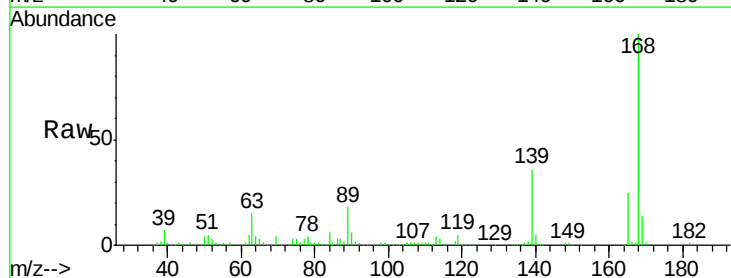
Instrument :
BNA_F
ClientSampleId :
72-12000MS

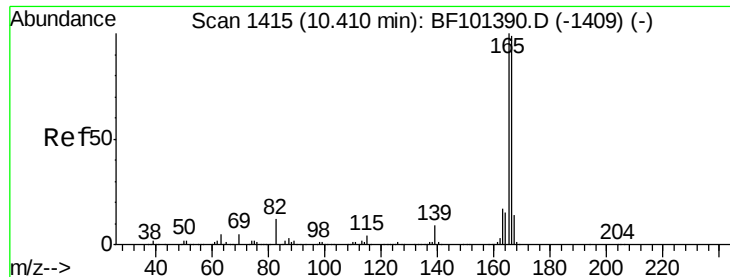
Tot Ion:139 Resp: 84437
Ion Ratio Lower Upper
139 100
109 62.4 48.4 88.4
65 101.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.051 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:165 Resp: 114717
Ion Ratio Lower Upper
165 100
63 59.8 36.4 54.6#
89 74.0 57.8 86.6
182 2.8 1.6 2.4#

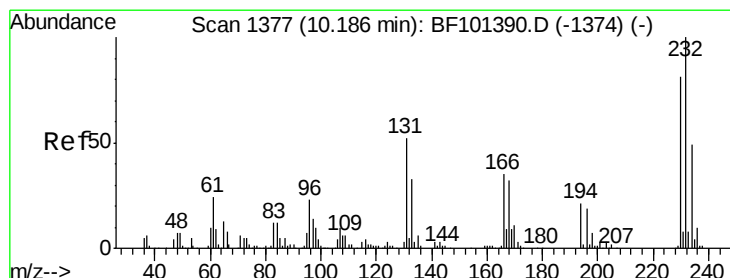
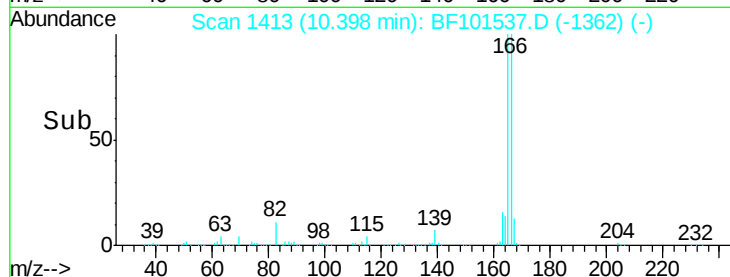
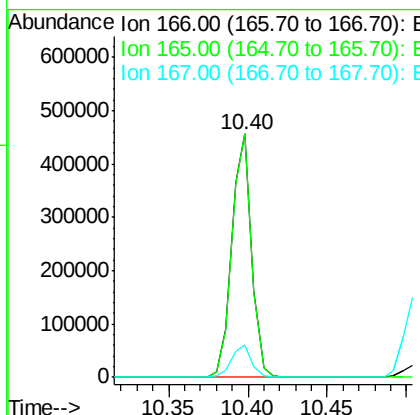
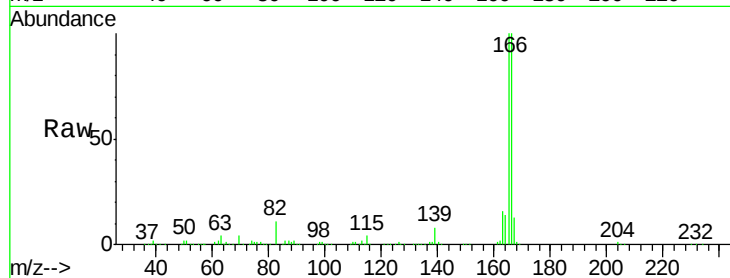




#57
 Fluorene
 Concen: 33.695 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

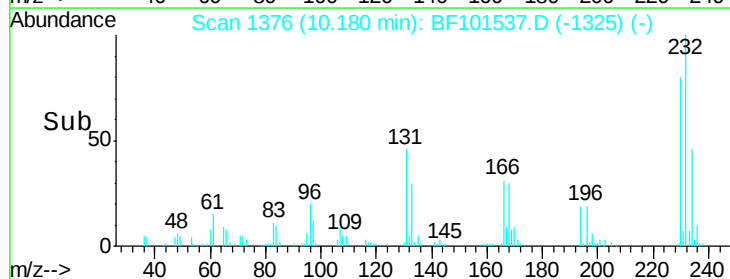
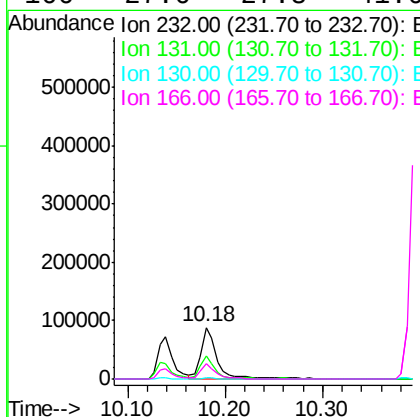
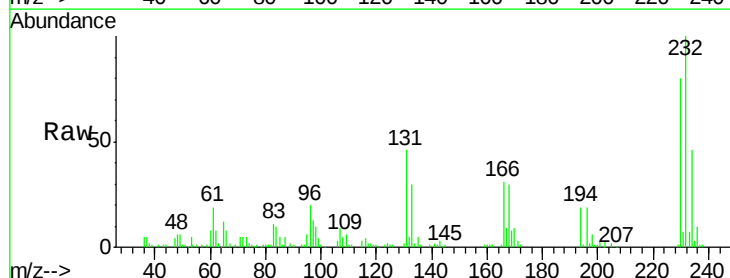
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

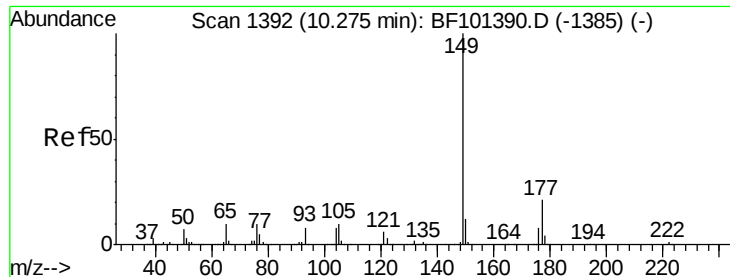
Tot Ion:166 Resp: 392104
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.713 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion:232 Resp: 98678
 Ion Ratio Lower Upper
 232 100
 131 41.4 43.8 65.8#
 130 1.8 2.1 3.1#
 166 27.6 27.8 41.6#

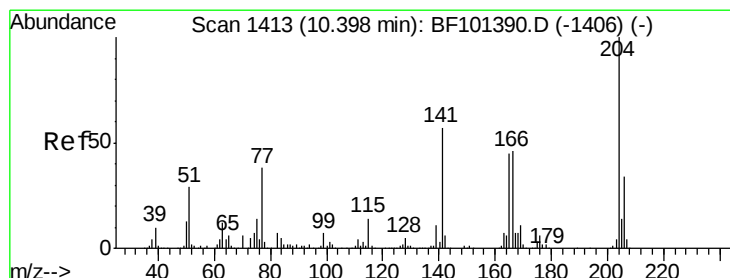
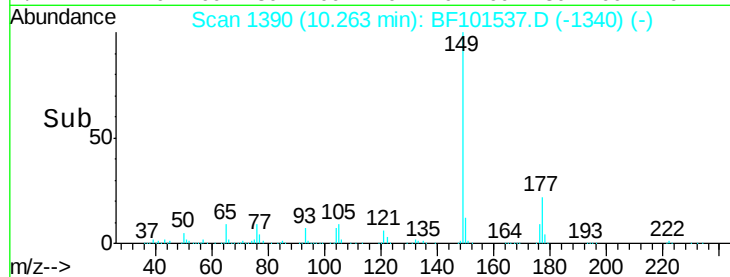
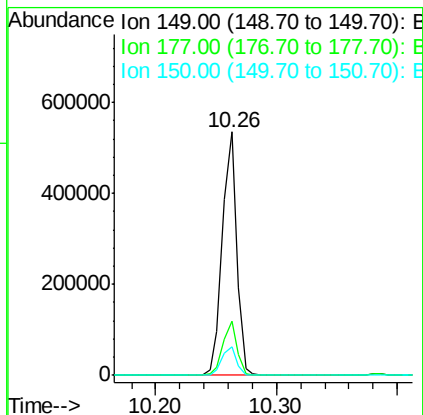
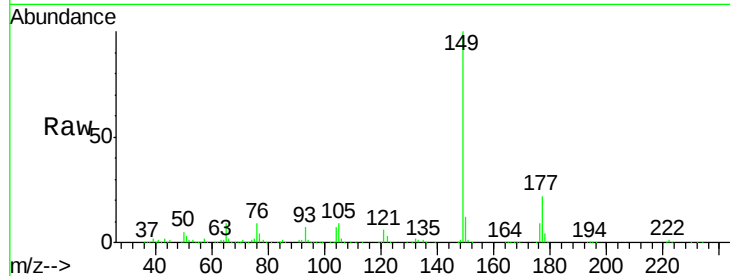




#59
Diethylphthalate
Concen: 32.976 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

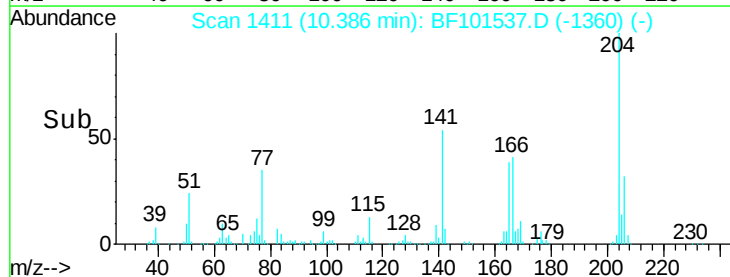
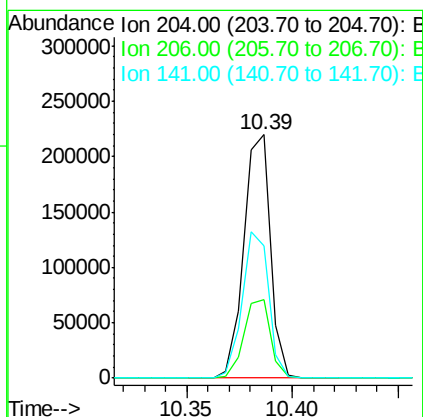
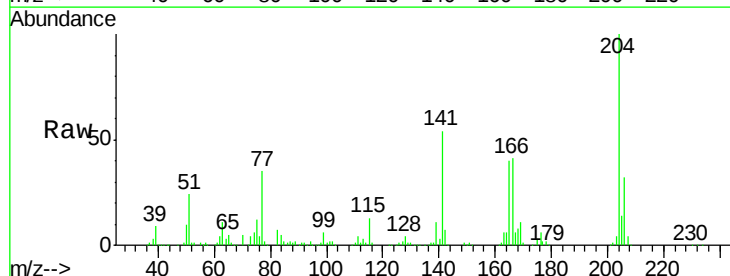
Instrument :
BNA_F
ClientSampleId :
72-12000MS

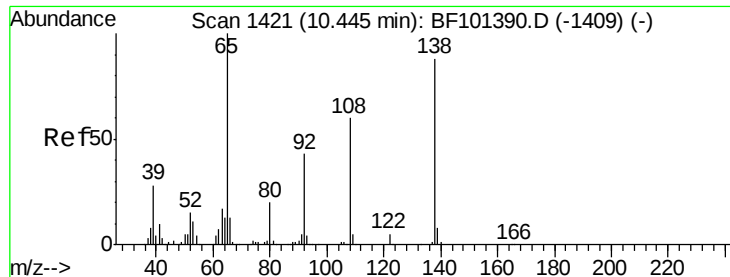
Tot Ion:149 Resp: 441538
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 34.498 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:204 Resp: 192398
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 54.1 54.6 81.8#

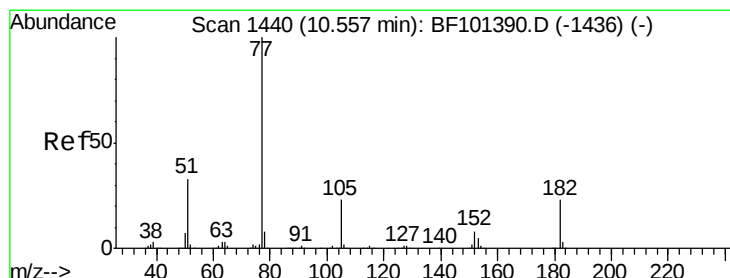
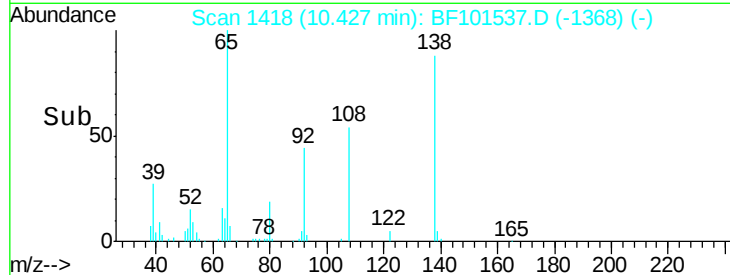
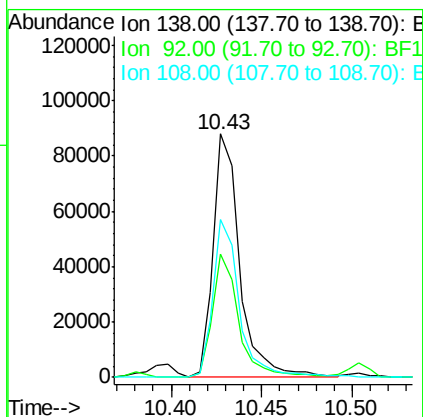
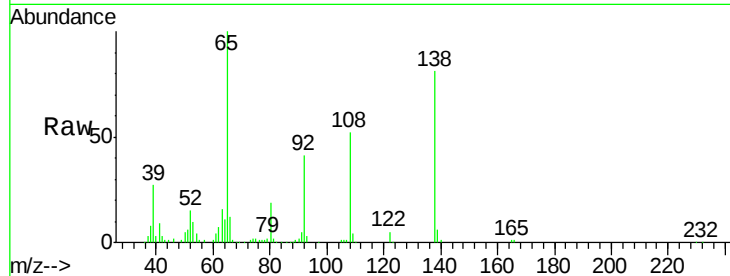




#61
4-Nitroaniline
Concen: 26.286 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

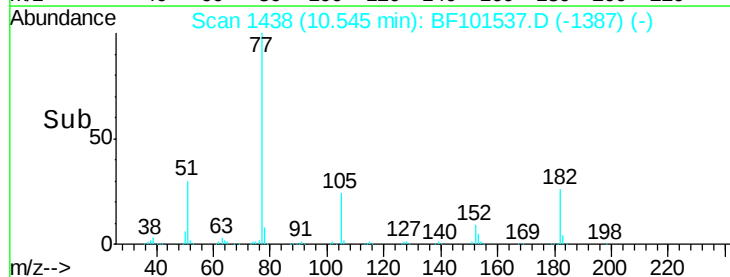
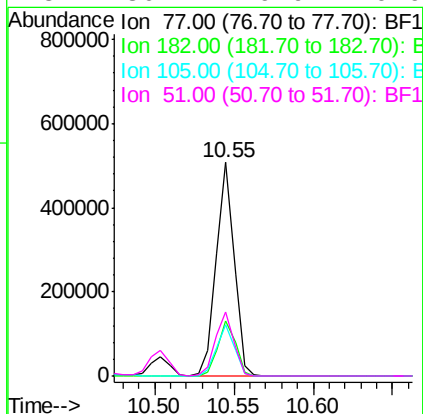
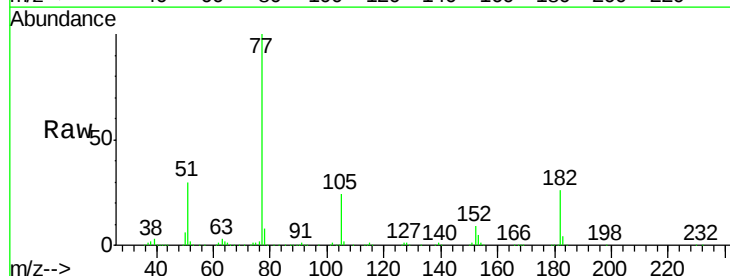
Instrument :
BNA_F
ClientSampleId :
72-12000MS

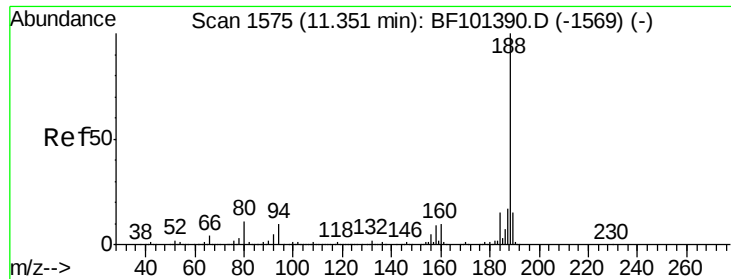
Tot Ion:138 Resp: 90525
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 64.7 52.5 92.5



#62
Azobenzene
Concen: 28.922 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion: 77 Resp: 401168
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 24.1 3.0 43.0
51 30.2 9.9 49.9

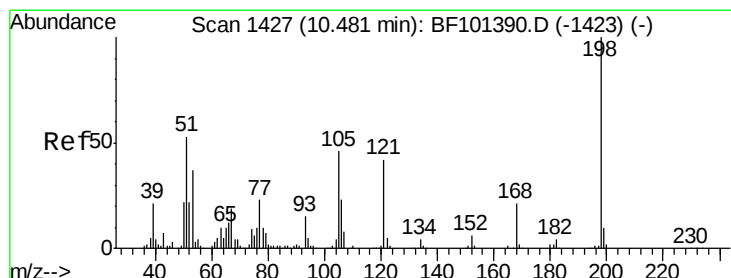
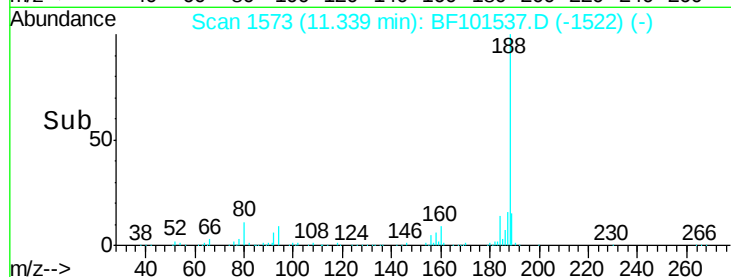
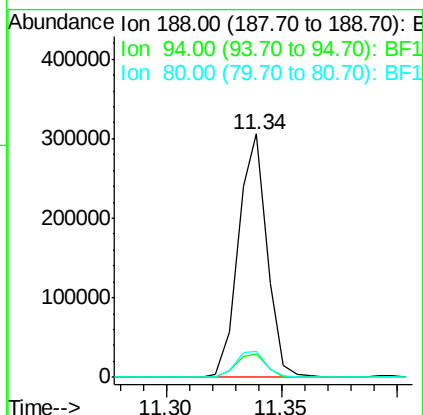
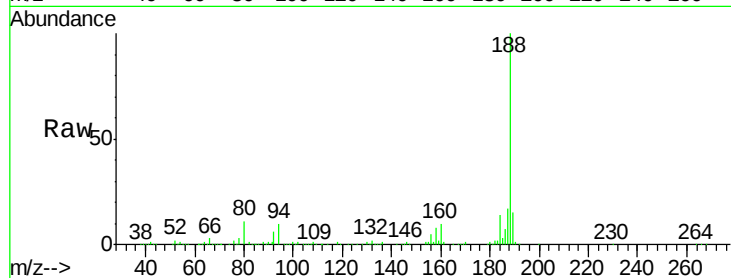




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

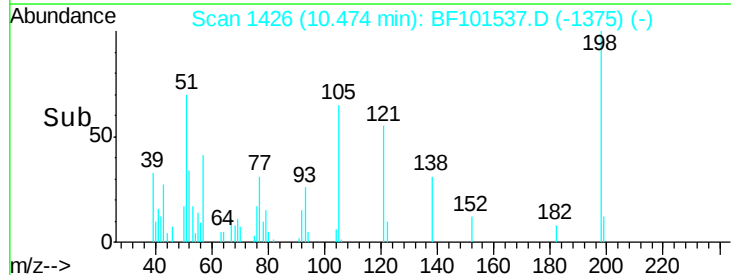
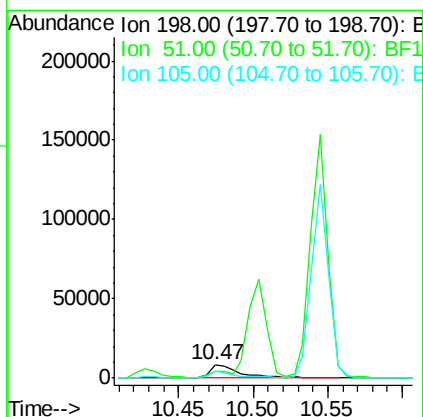
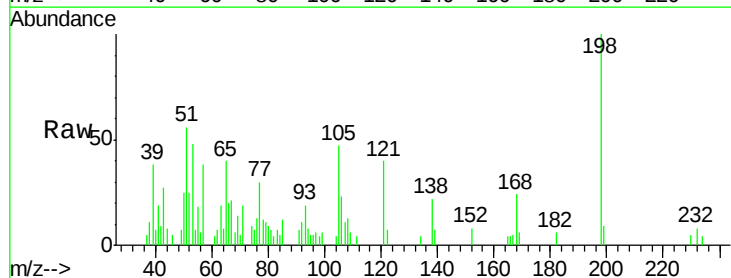
Instrument :
BNA_F
ClientSampleId :
72-12000MS

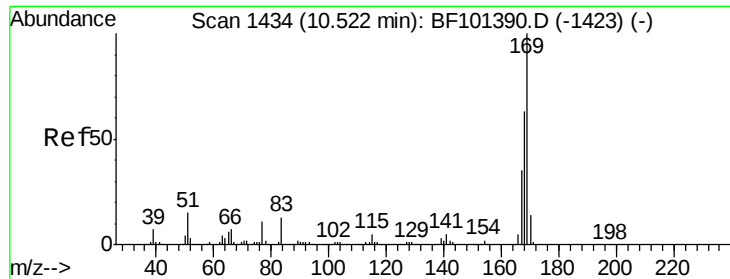
Tot Ion:188 Resp: 263384
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.843 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:198 Resp: 11885
Ion Ratio Lower Upper
198 100
51 56.0 37.7 77.7
105 47.4 36.3 76.3

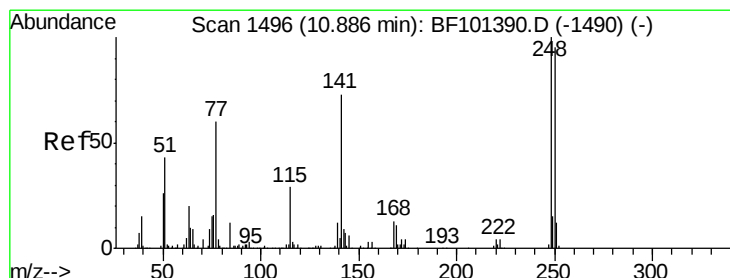
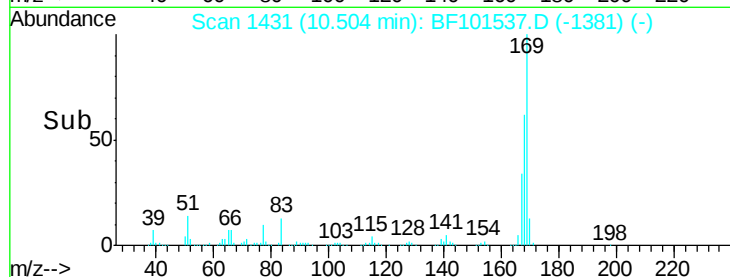
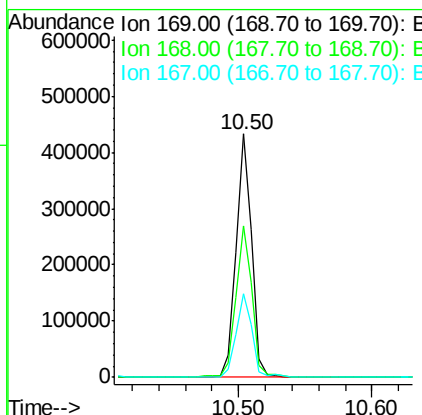
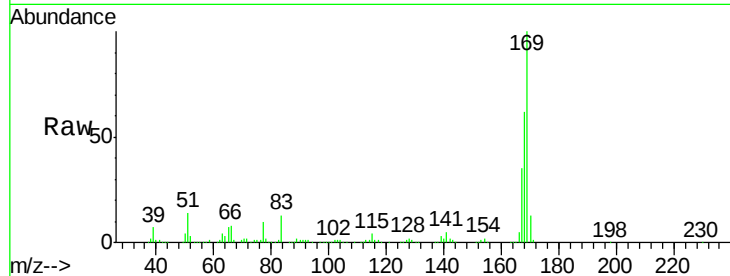




#65
 n-Nitrosodiphenylamine
 Concen: 36.423 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

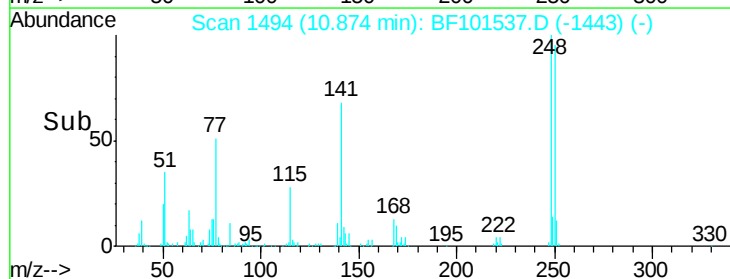
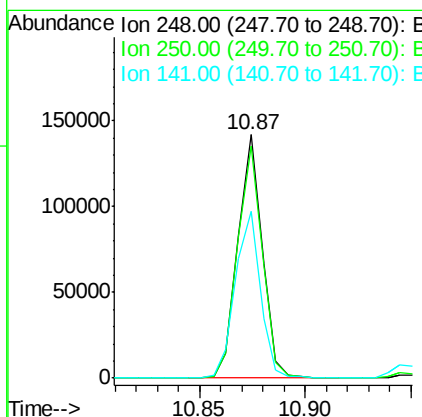
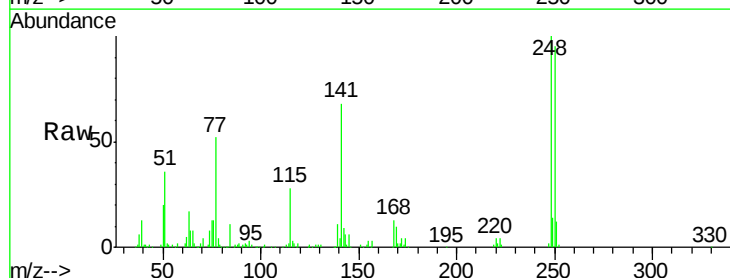
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

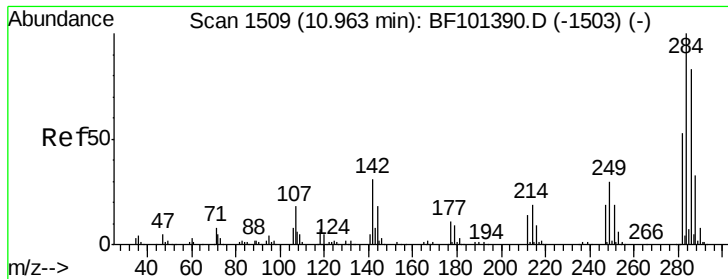
Tot Ion	Ratio	Lower	Upper
169	100		
168	62.4	54.4	81.6
167	34.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.041 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.9	115.3
141	68.4	74.4	111.6#

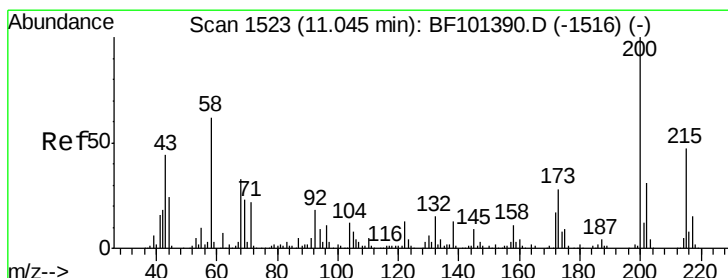
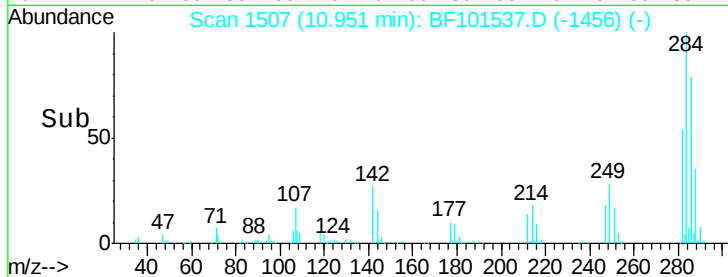
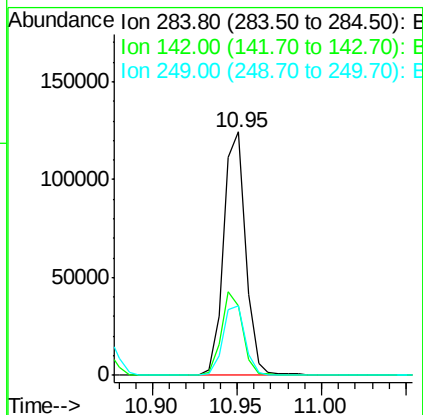
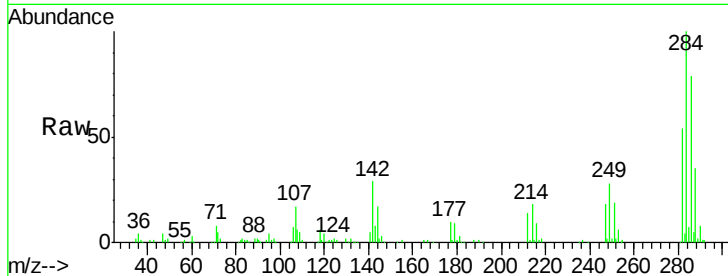




#67
Hexachlorobenzene
Concen: 36.118 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

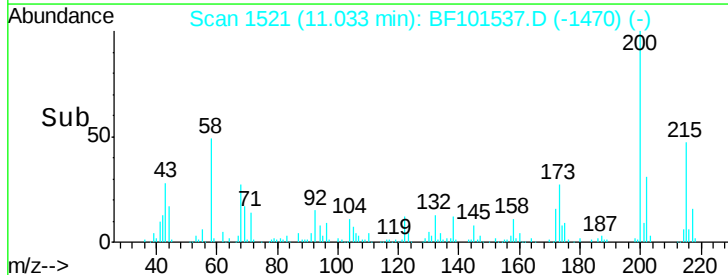
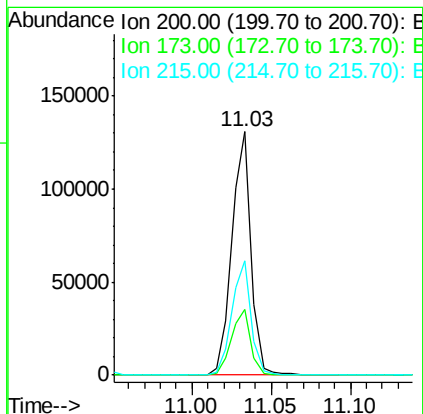
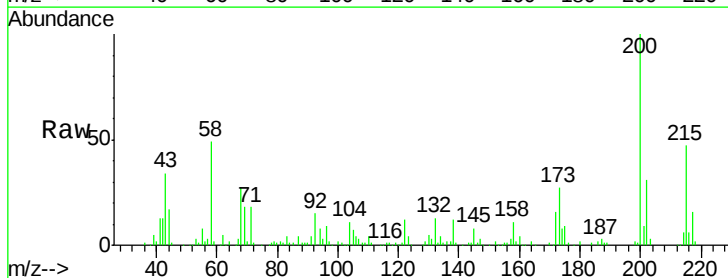
Instrument :
BNA_F
ClientSampleId :
72-12000MS

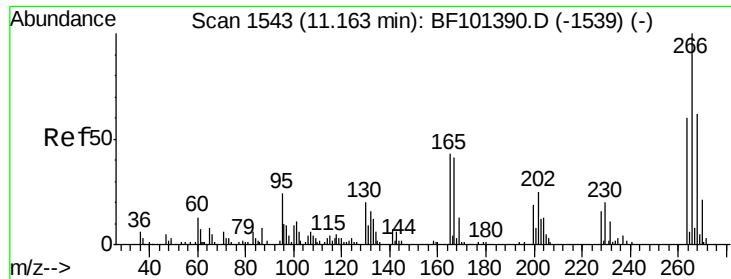
Tot Ion:284 Resp: 113130
Ion Ratio Lower Upper
284 100
142 28.5 34.6 52.0#
249 28.4 24.8 37.2



#68
Atrazine
Concen: 37.872 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:200 Resp: 109824
Ion Ratio Lower Upper
200 100
173 26.9 8.6 48.6
215 47.0 25.1 65.1

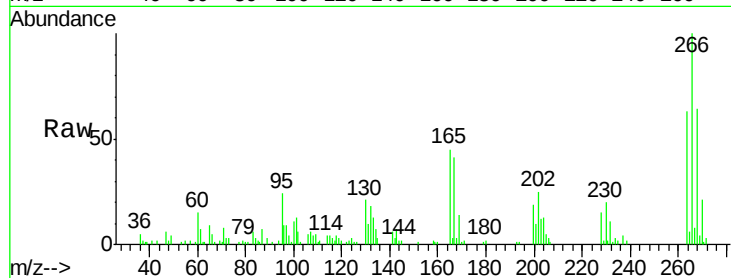




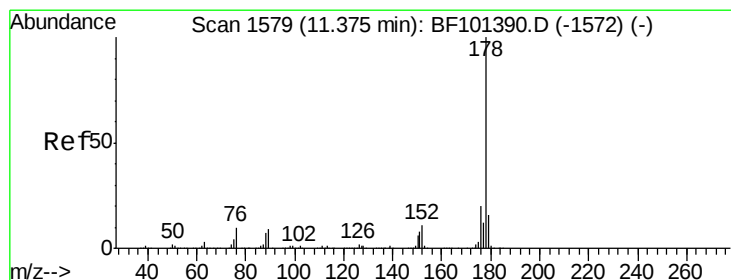
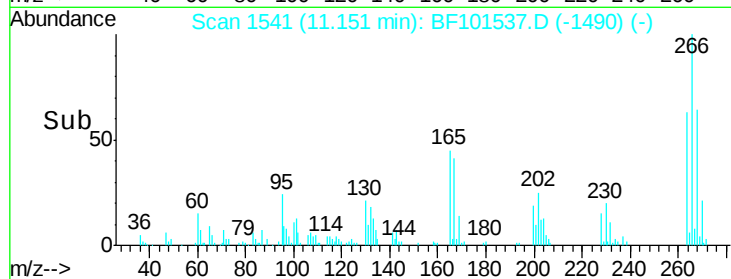
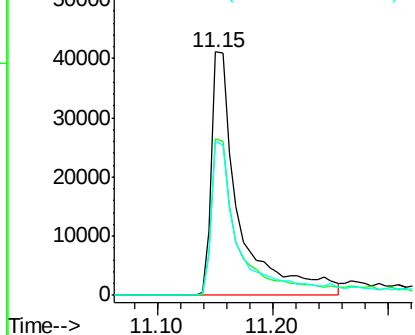
#69
 Pentachlorophenol
 Concen: 58.274 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

Tot Ion:266 Resp: 68618
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 63.3 49.5 74.3

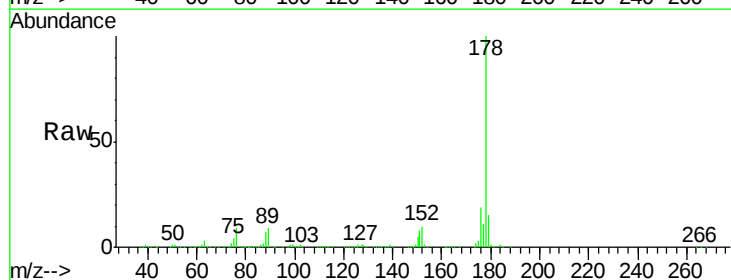


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

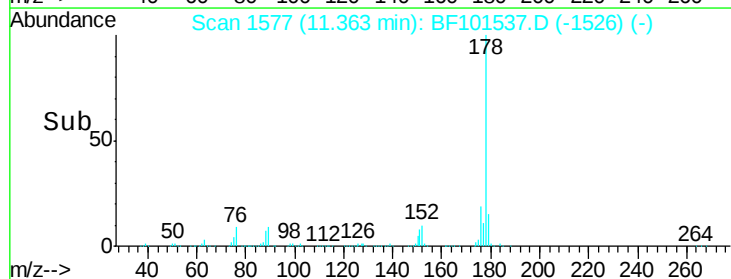
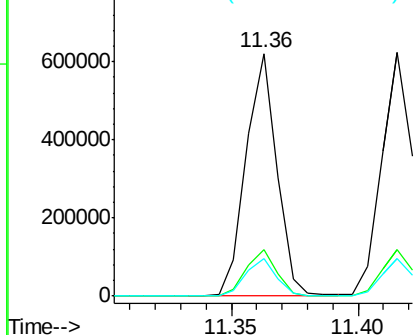


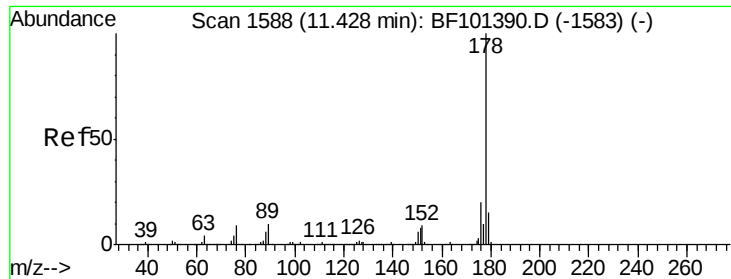
#70
 Phenanthrene
 Concen: 36.041 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion:178 Resp: 527905
 Ion Ratio Lower Upper
 178 100
 176 19.2 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

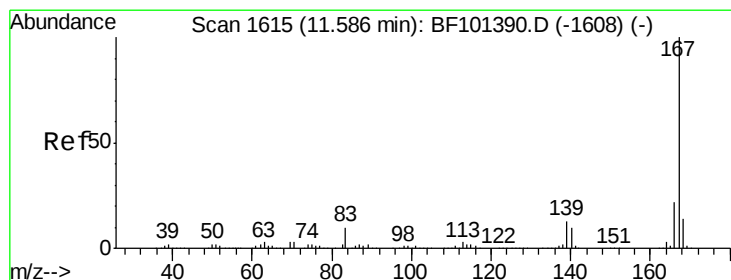
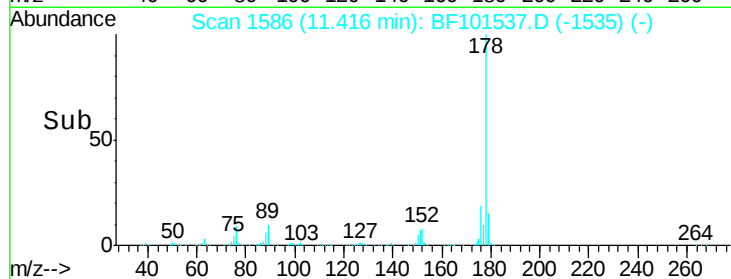
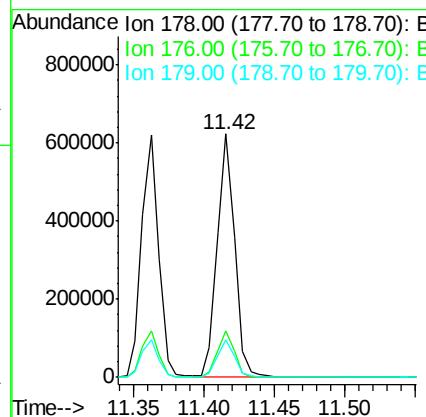
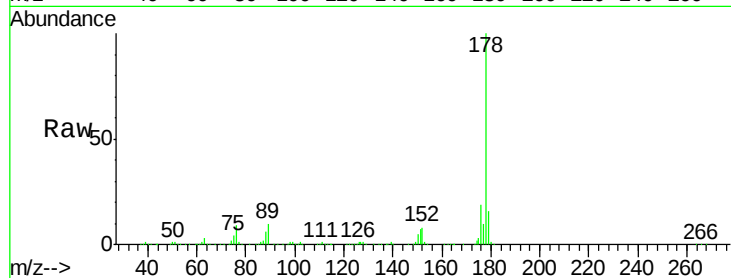




#71
 Anthracene
 Concen: 36.174 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

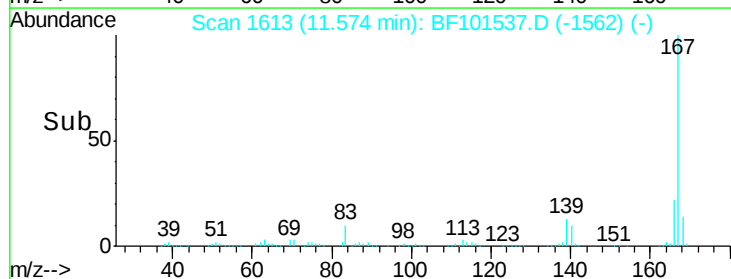
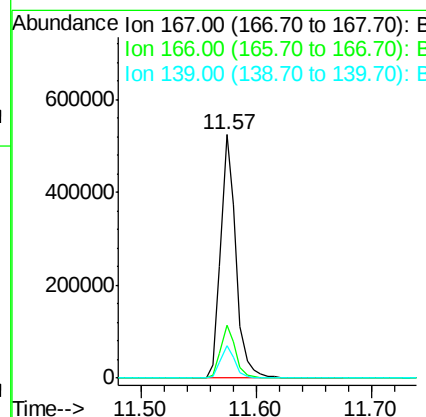
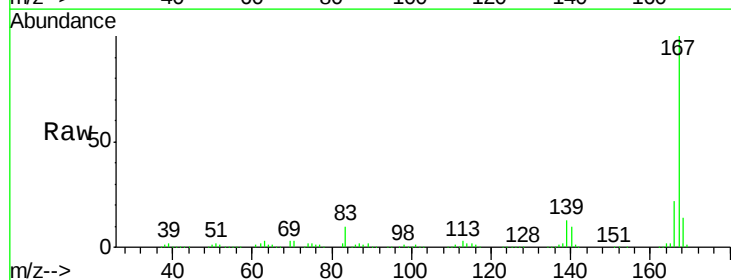
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

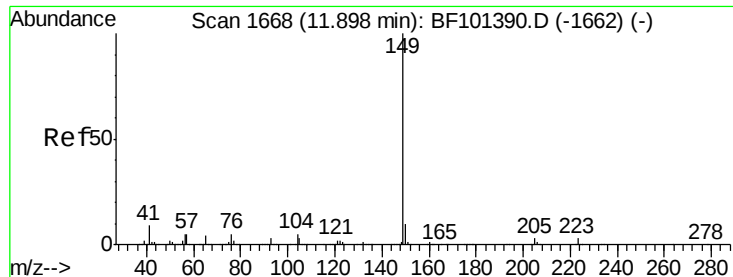
Tot Ion:178 Resp: 541229
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 34.208 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion:167 Resp: 479188
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.599 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

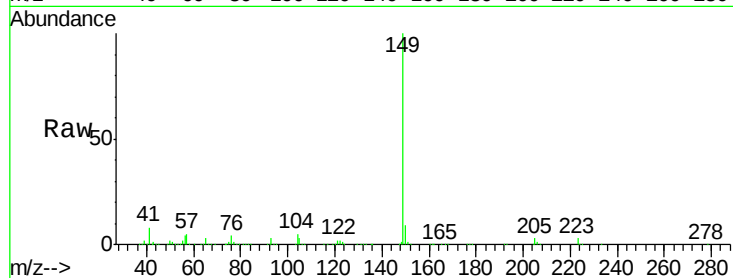
Tot Ion:149 Resp: 588243

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

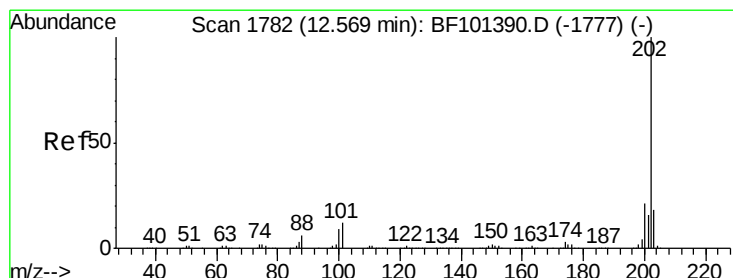
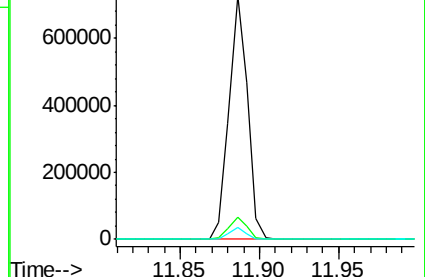
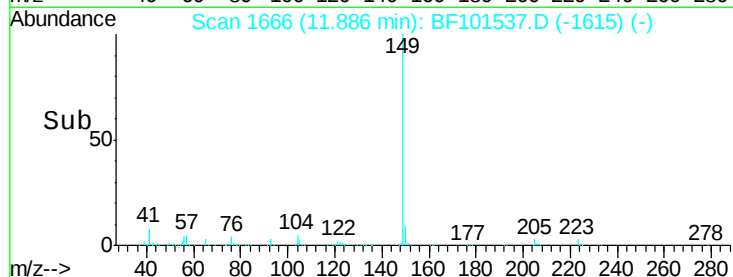
104 4.7 3.8 5.8



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: 38.129 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

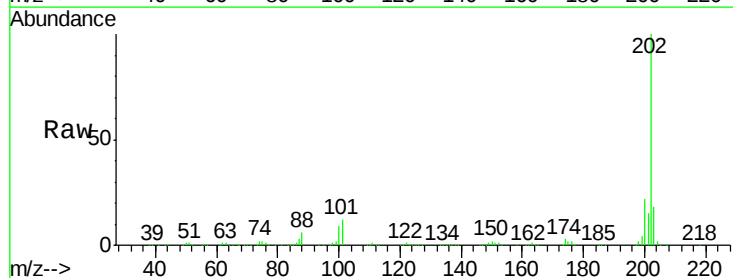
Tgt Ion:202 Resp: 586201

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

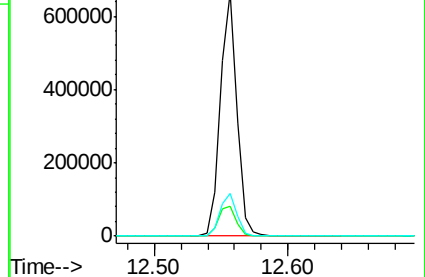
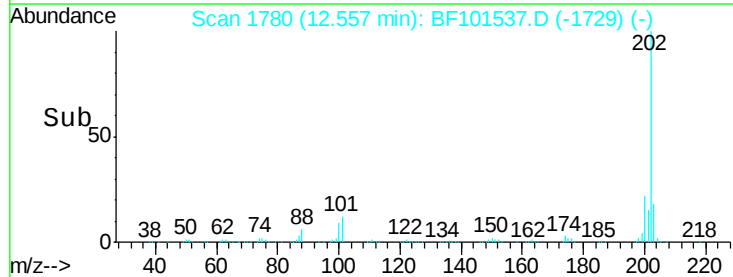
203 17.6 0.0 38.1

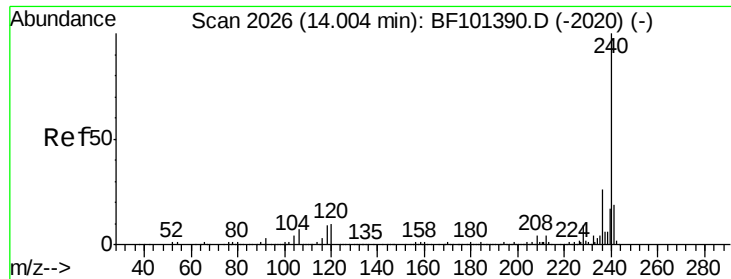


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

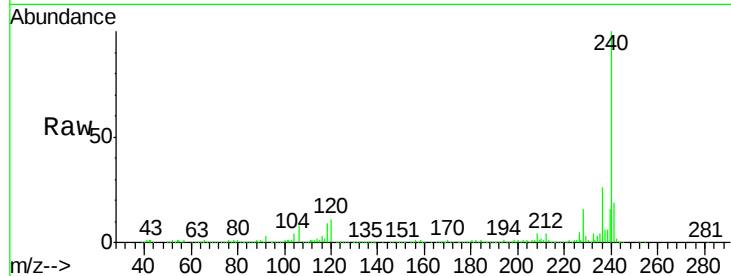
Tot Ion:240 Resp: 279685

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

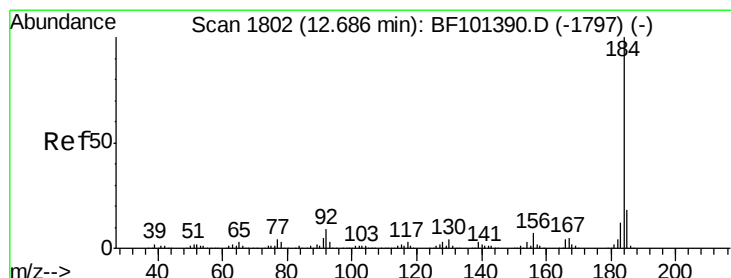
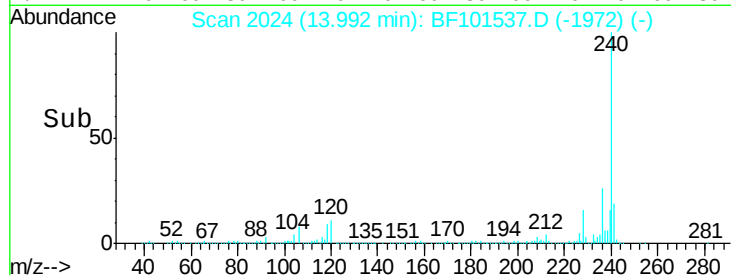
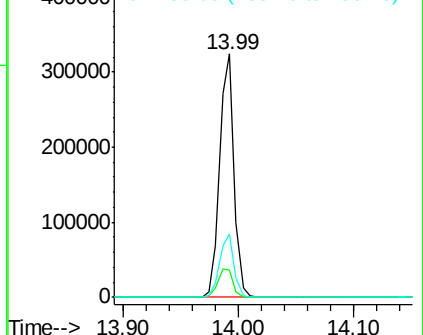
236 25.7 20.7 31.1



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: 5.608 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

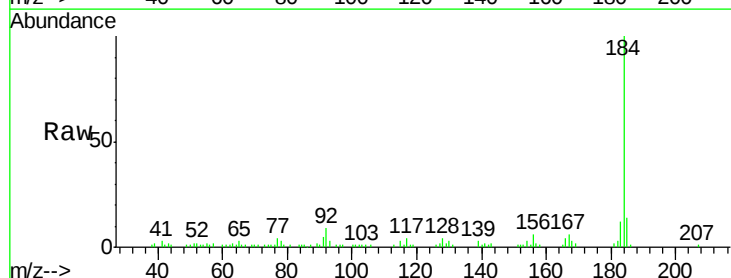
Tgt Ion:184 Resp: 66247

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

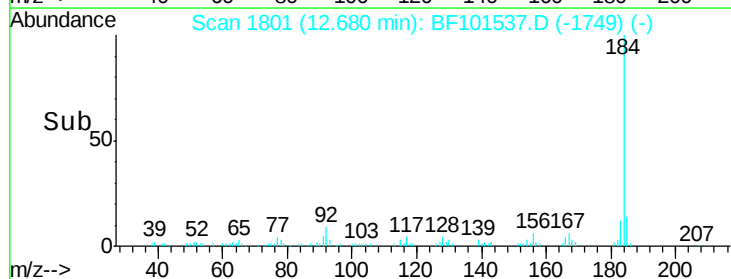
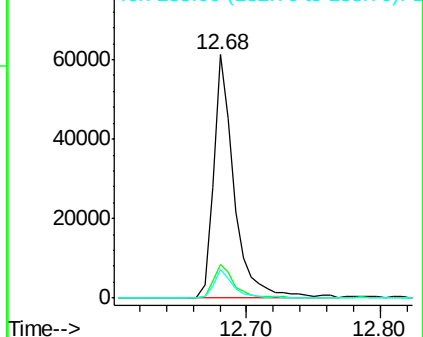
183 11.7 9.3 13.9

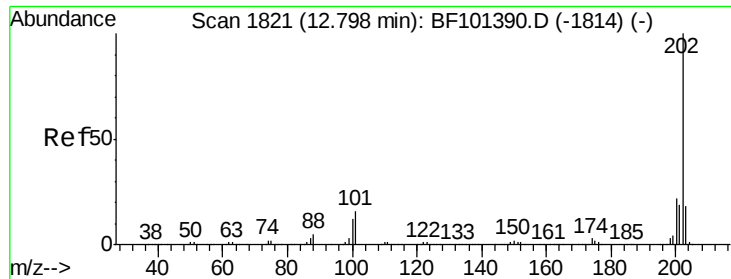


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.912 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

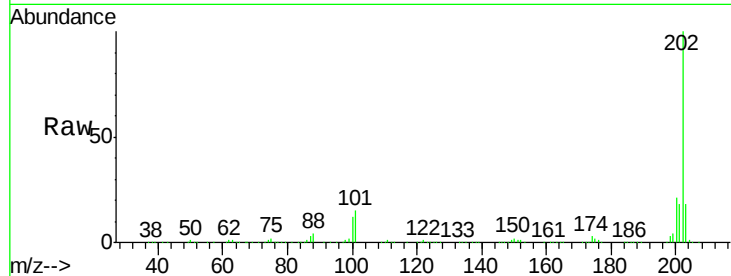
Tot Ion:202 Resp: 648845

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

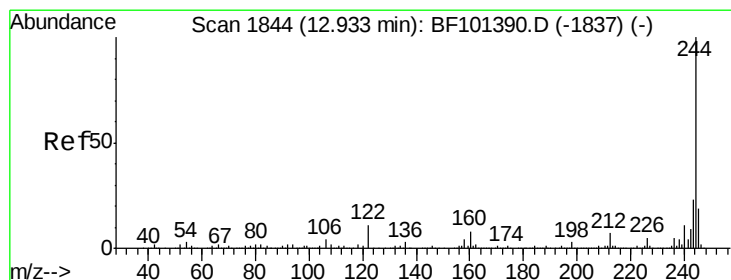
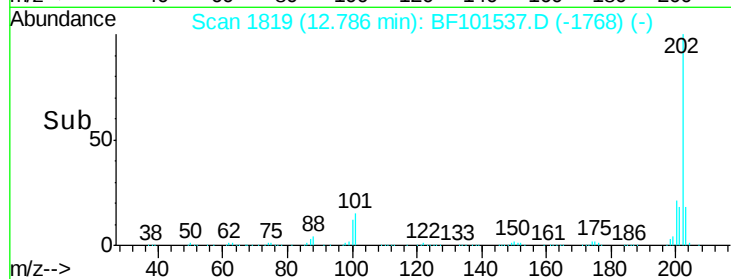
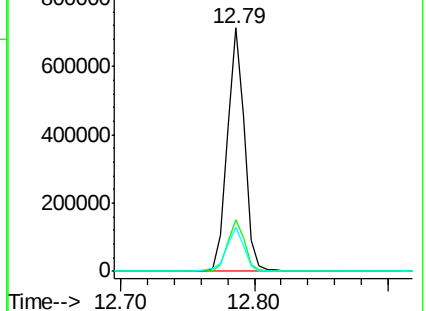
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.159 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

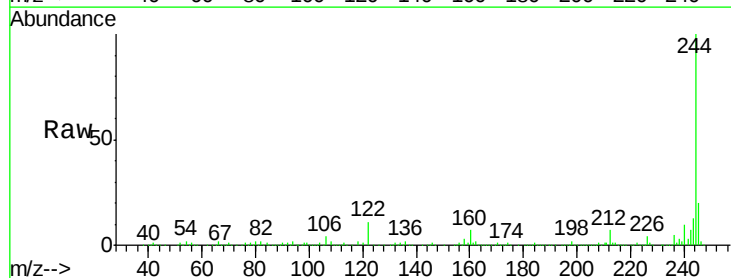
Tgt Ion:244 Resp: 802347

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

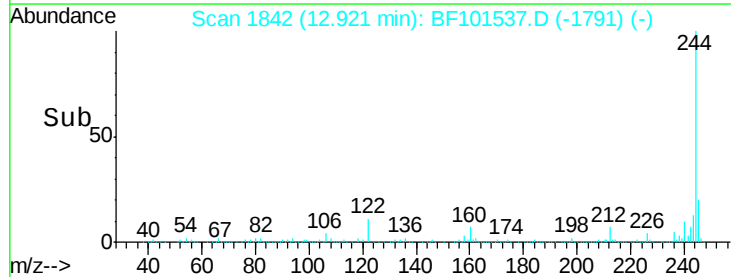
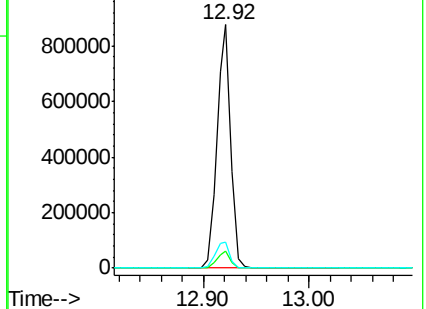
122 10.6 11.0 16.4#

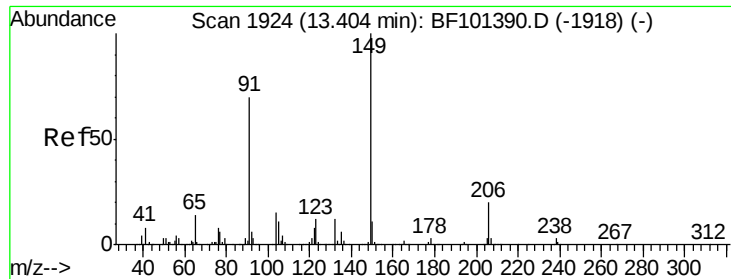


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

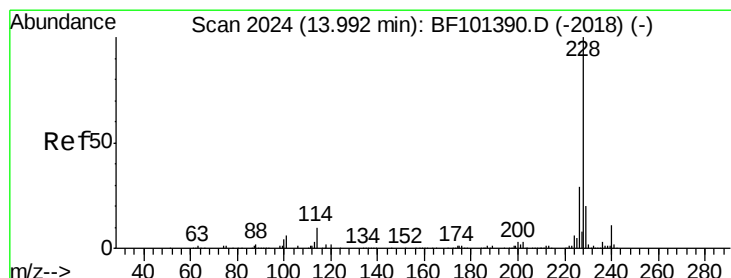
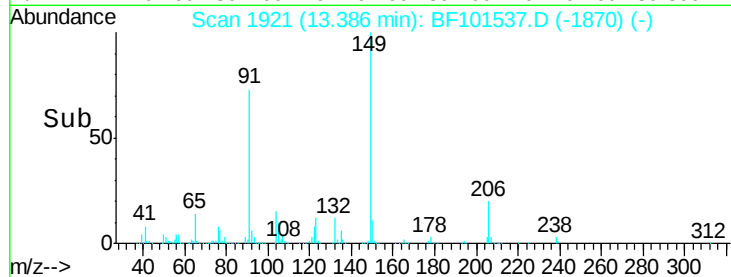
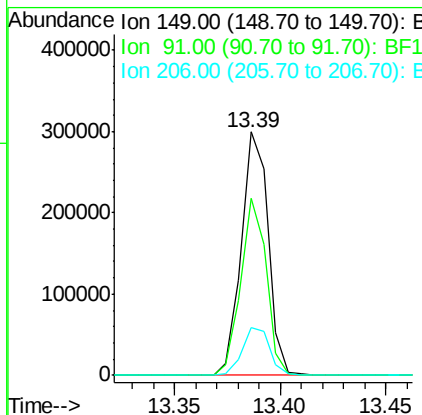
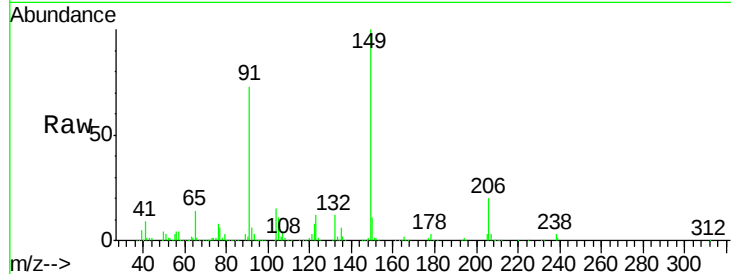




#79
Butylbenzylphthalate
Concen: 27.747 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

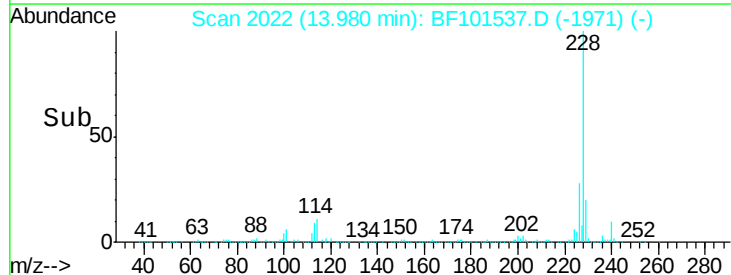
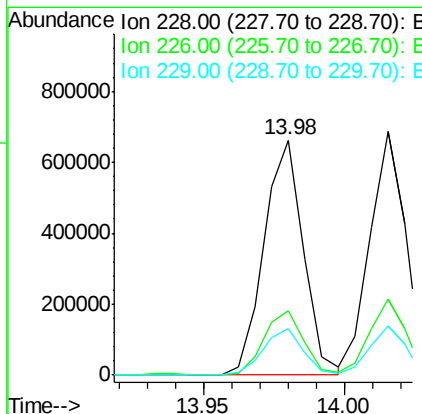
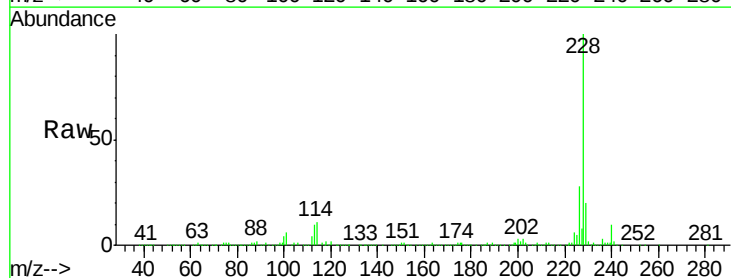
Instrument :
BNA_F
ClientSampleId :
72-12000MS

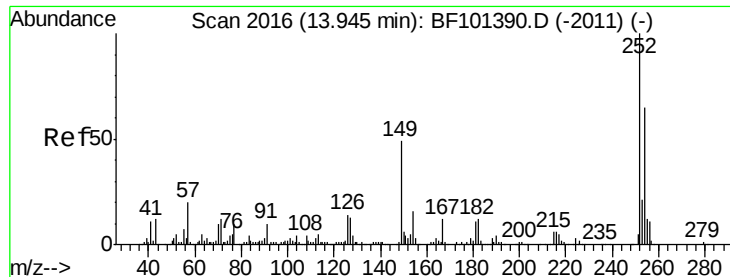
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.9	56.8	85.2
206	19.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 34.541 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6

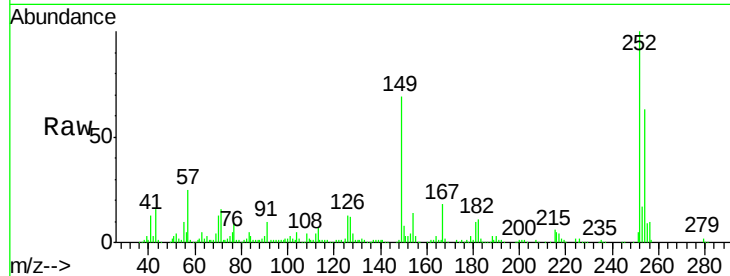




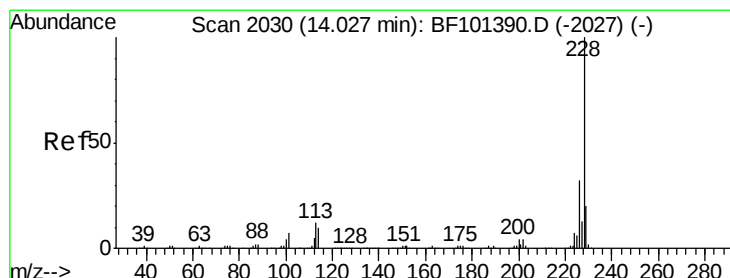
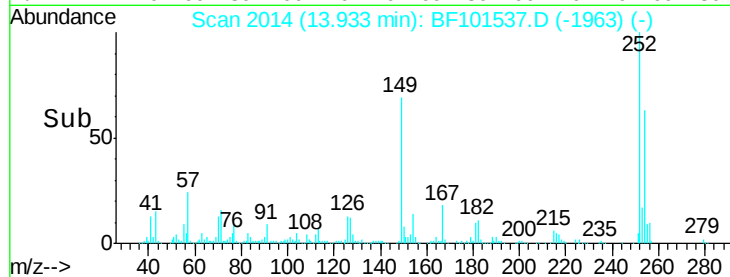
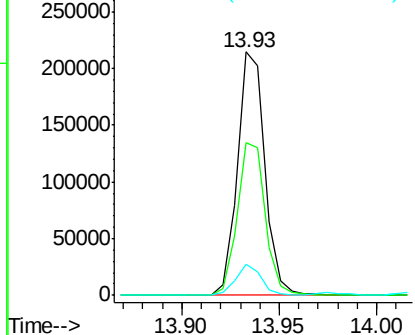
#81
 3,3'-Dichlorobenzidine
 Concen: 34.764 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

Tot Ion:252 Resp: 209342
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.4 75.6
 126 12.5 11.3 16.9

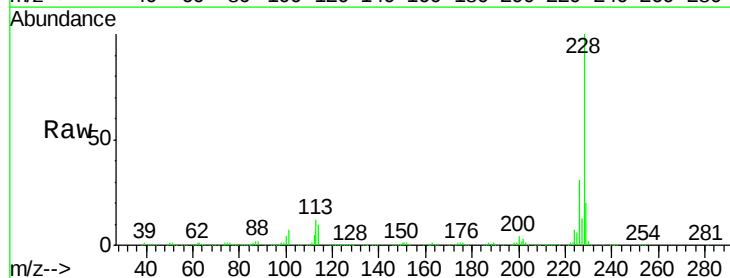


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

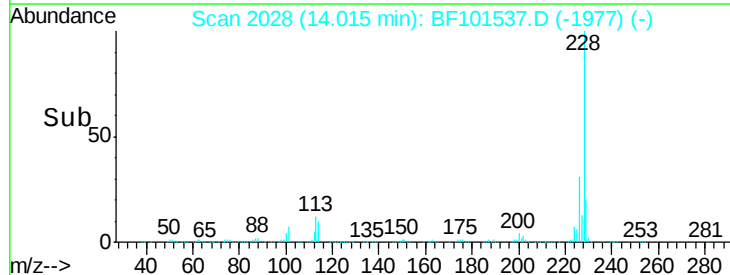
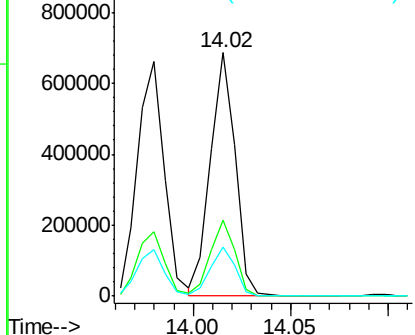


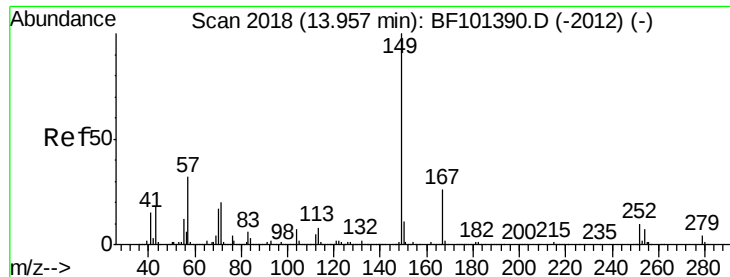
#82
 Chrysene
 Concen: 34.778 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion:228 Resp: 606427
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

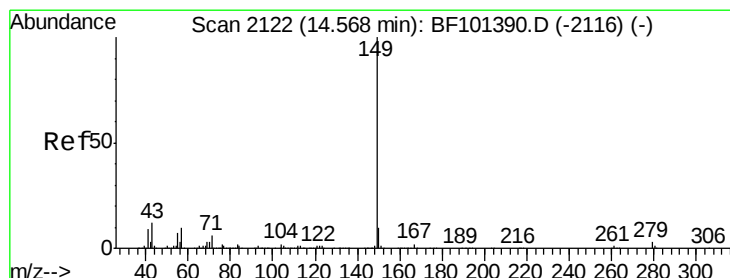
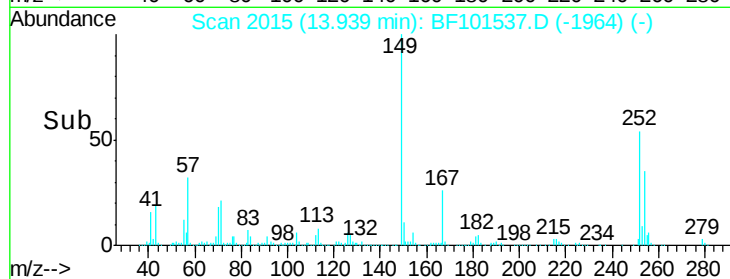
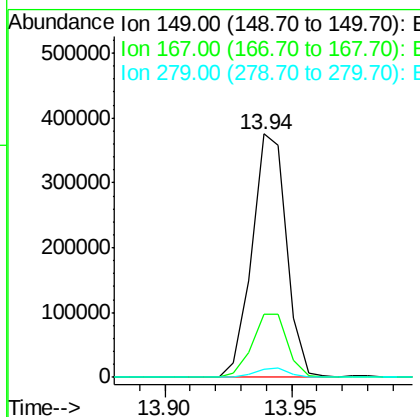
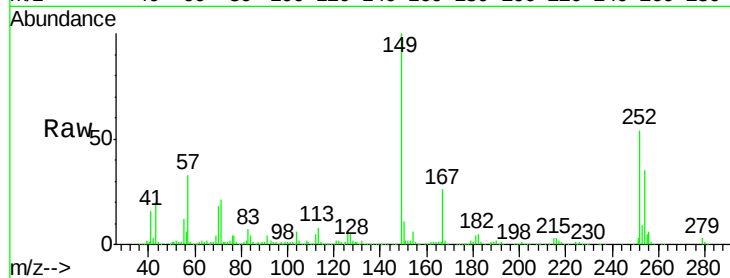




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.553 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

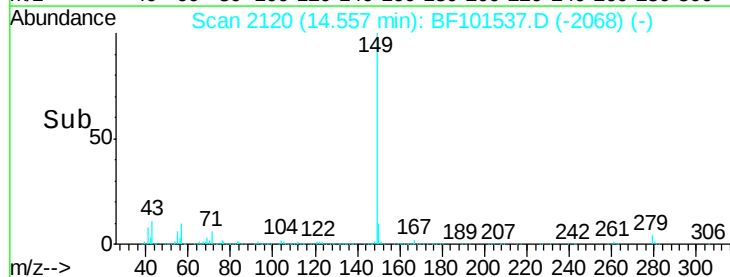
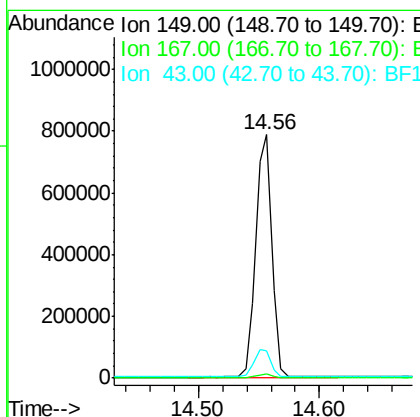
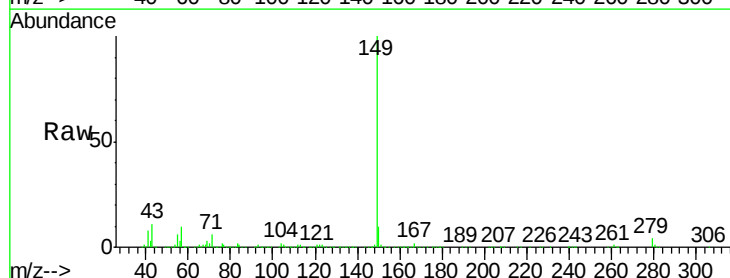
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

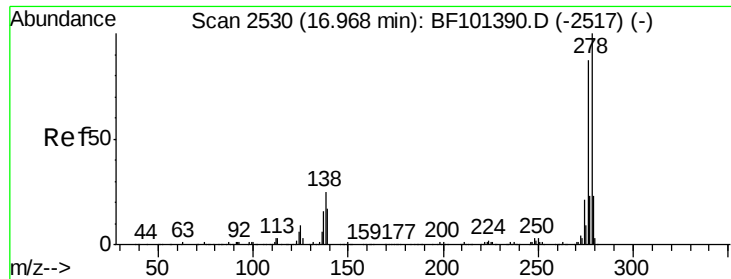
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 34.792 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF101537.D
 Acq: 19 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.4	12.6

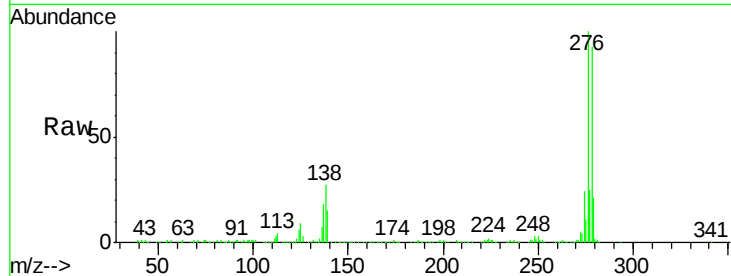




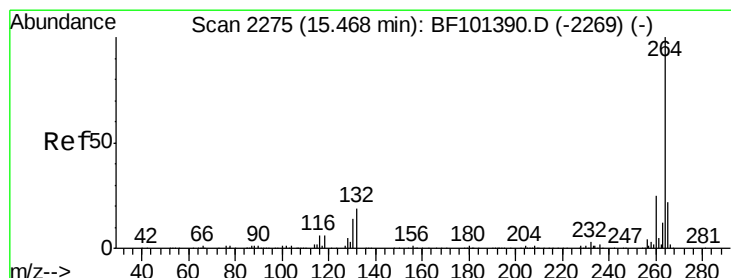
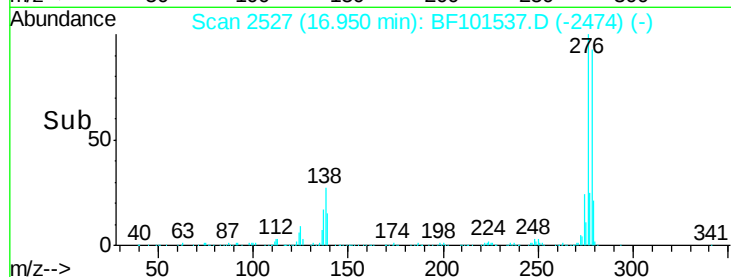
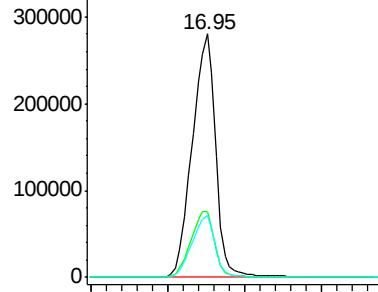
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.099 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Instrument :
BNA_F
ClientSampleId :
72-12000MS

Tot Ion:276 Resp: 591594
Ion Ratio Lower Upper
276 100
138 27.6 25.0 37.6
277 25.4 20.1 30.1

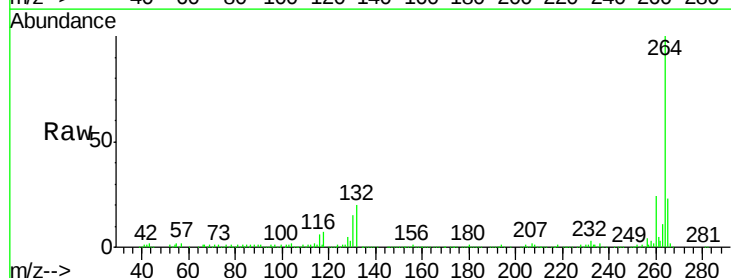


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

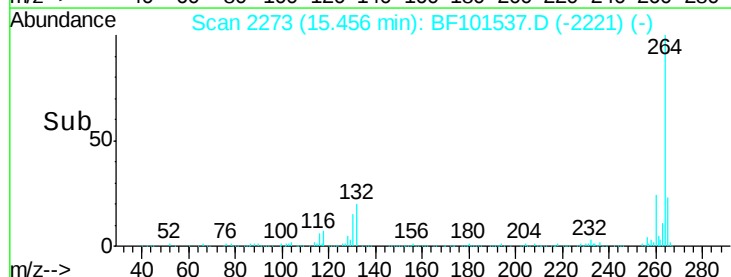
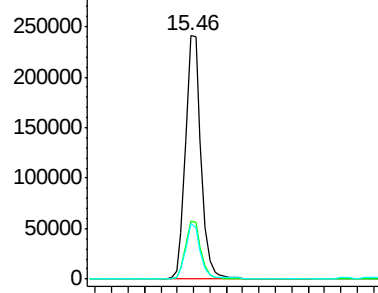


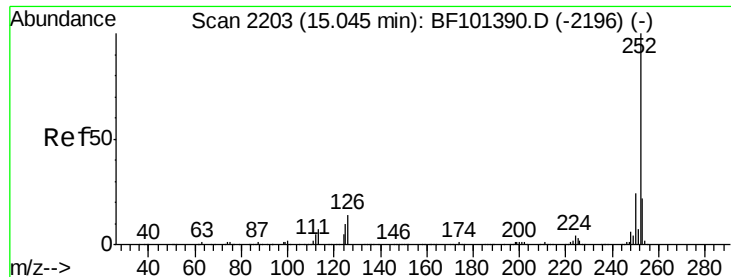
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:264 Resp: 319487
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.7 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

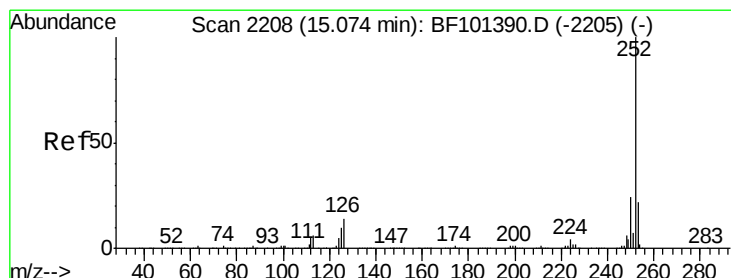
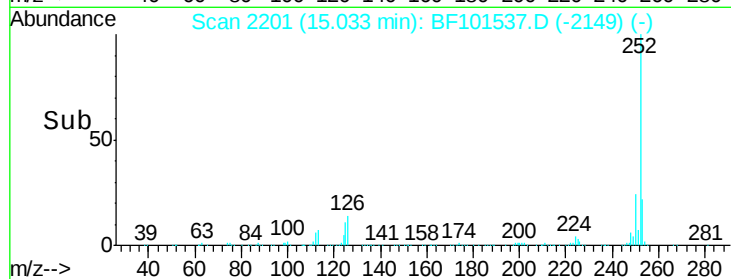
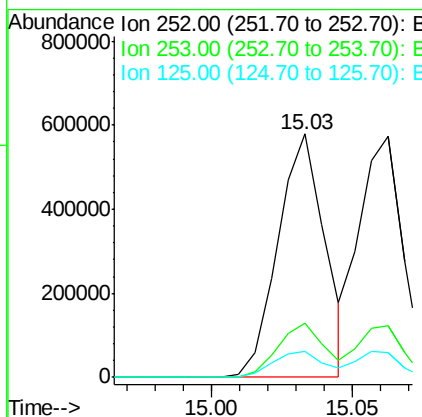
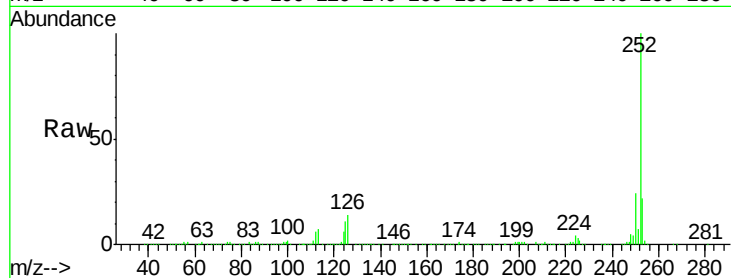




#87
Benzo(b)fluoranthene
Concen: 34.305 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

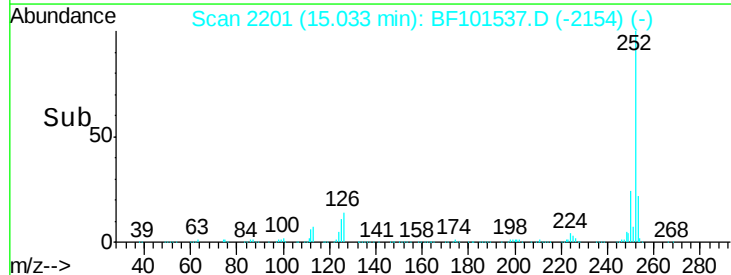
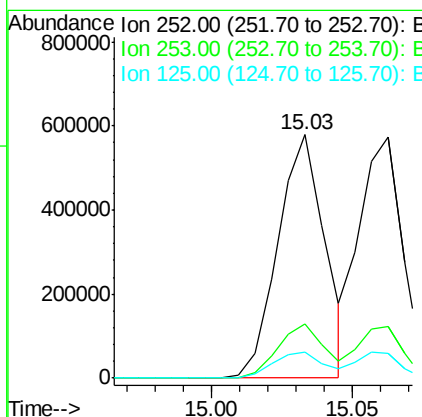
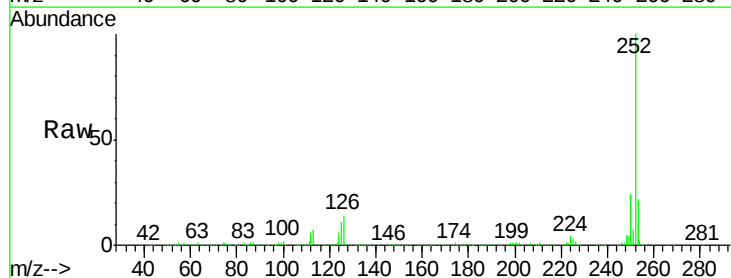
Instrument :
BNA_F
ClientSampleId :
72-12000MS

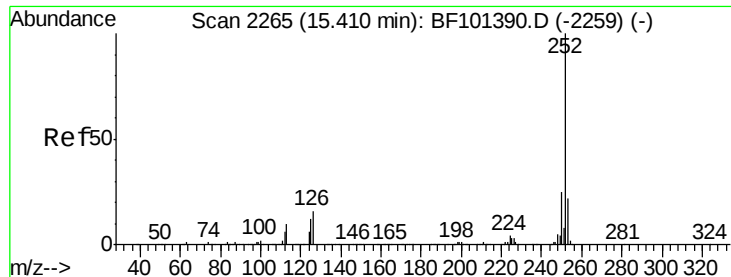
Tot Ion:252 Resp: 668039
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.283 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:252 Resp: 668039
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.8 10.2 15.2

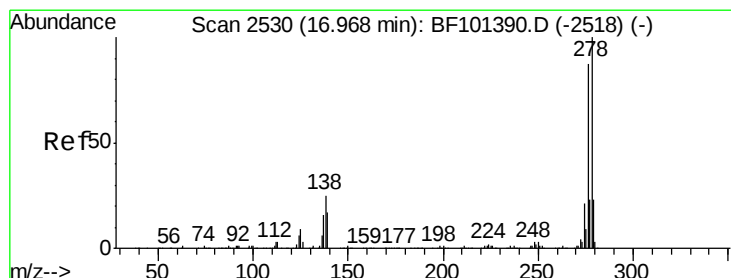
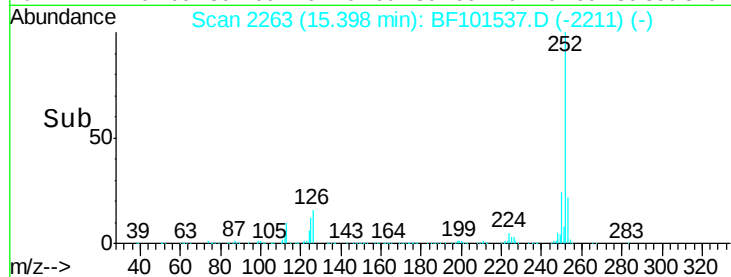
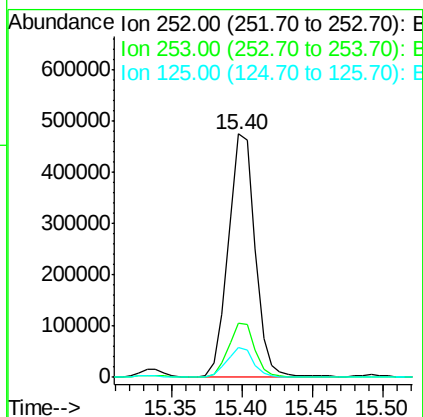
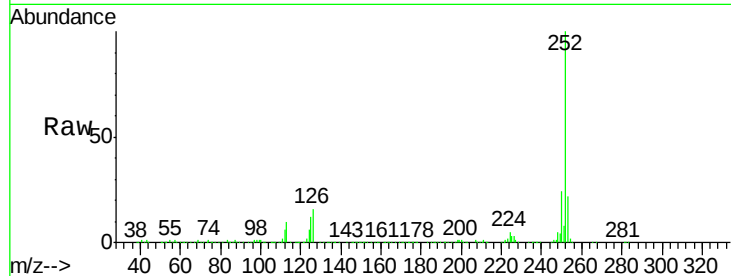




#89
Benzo(a)pyrene
Concen: 34.992 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

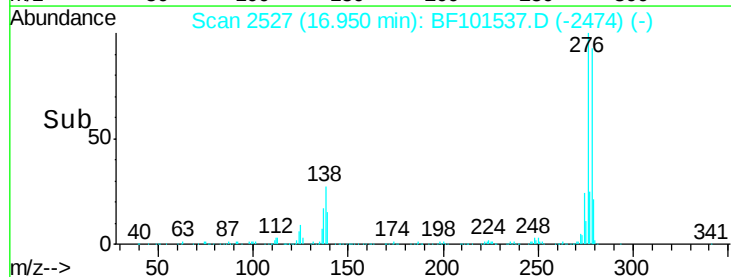
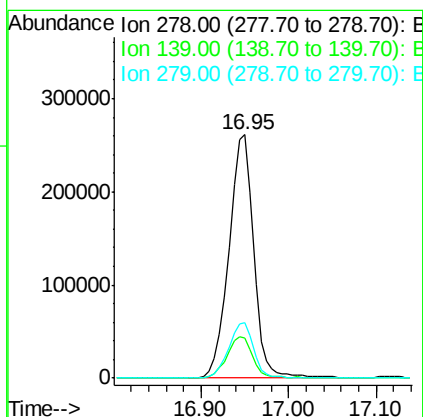
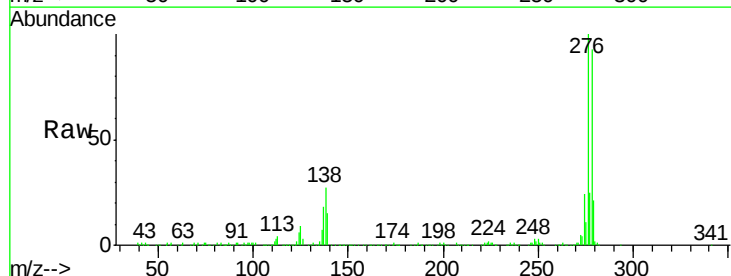
Instrument :
BNA_F
ClientSampleId :
72-12000MS

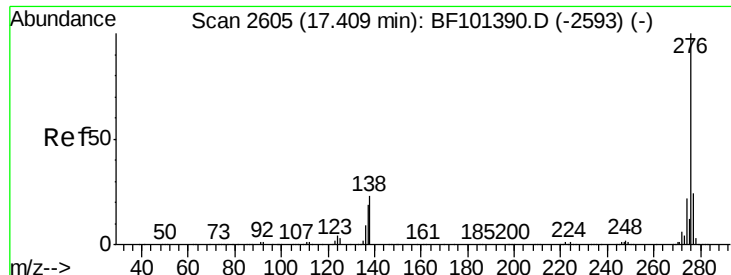
Tot Ion:252 Resp: 628172
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 12.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 32.811 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101537.D
Acq: 19 Dec 2017 21:57

Tgt Ion:278 Resp: 505715
Ion Ratio Lower Upper
278 100
139 16.5 15.9 23.9
279 22.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 31.336 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF101537.D

Acq: 19 Dec 2017 21:57

Instrument :

BNA_F

ClientSampleId :

72-12000MS

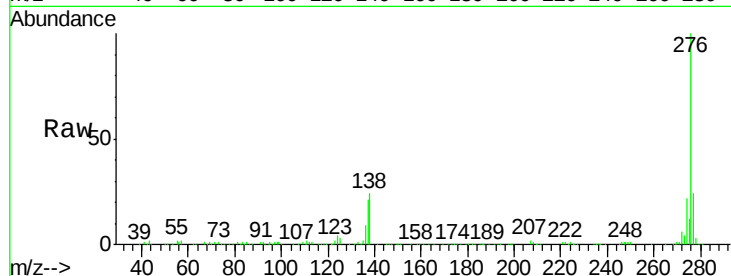
Tot Ion:276 Resp: 478254

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 23.8 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

