

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101599.D
 Acq On : 21 Dec 2017 11:46
 Operator : SJ/JU
 Sample : PB105170BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

Quant Time: Dec 21 13:25:36 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142720	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	584109	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	264952	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	496651	20.00	ng	0.00
75) Chrysene-d12	13.97	240	270267	20.00	ng	0.00
86) Perylene-d12	15.43	264	268350	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1138769	118.85	ng	0.02
7) Phenol-d6	6.45	99	1331821	111.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	891722	84.98	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	303274	118.79	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1437419	84.16	ng	0.00
78) Terphenyl-d14	12.90	244	1274797	113.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	183201	37.212	ng	95
3) Pyridine	3.37	79	486682	35.580	ng	98
4) n-Nitrosodimethylamine	3.32	42	246349	39.116	ng	96
6) Aniline	6.47	93	191628	11.564	ng	# 65
8) 2-Chlorophenol	6.59	128	388969	38.593	ng	96
9) Benzaldehyde	6.35	77	234049	26.577	ng	95
10) Phenol	6.46	94	493208	36.290	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	411927	38.640	ng	93
12) 1,3-Dichlorobenzene	6.73	146	435220	38.260	ng	98
13) 1,4-Dichlorobenzene	6.81	146	440760	37.944	ng	99
14) 1,2-Dichlorobenzene	6.96	146	393019	37.588	ng	98
15) Benzyl Alcohol	6.95	79	293807	35.798	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	667612	40.919	ng	59
17) 2-Methylphenol	7.06	107	326850	35.255	ng	# 87
18) Hexachloroethane	7.30	117	159695	39.542	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	284947	36.388	ng	95
20) 3+4-Methylphenols	7.22	107	430336	43.803	ng	# 82
22) Acetophenone	7.21	105	558171	41.880	ng	# 94
24) Nitrobenzene	7.39	77	447794	38.559	ng	96
25) Isophorone	7.62	82	831136	39.484	ng	97
26) 2-Nitrophenol	7.70	139	222243	44.544	ng	98
27) 2,4-Dimethylphenol	7.74	122	356407	42.049	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	517460	38.699	ng	99
29) 2,4-Dichlorophenol	7.95	162	342205	40.865	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	340165	38.493	ng	95
31) Naphthalene	8.10	128	1111170	37.787	ng	100
32) Benzoic acid	7.87	122	53380	15.757	ng	89
33) 4-Chloroaniline	8.16	127	67987	5.319	ng	95
34) Hexachlorobutadiene	8.20	225	196062	38.360	ng	98
35) Caprolactam	8.55	113	63842	21.956	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	358034	38.900	ng	98
37) 2-Methylnaphthalene	8.79	142	741128	38.684	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	354861	39.669	ng	98
40) Hexachlorocyclopentadiene	8.93	237	111914	65.128	ng	96

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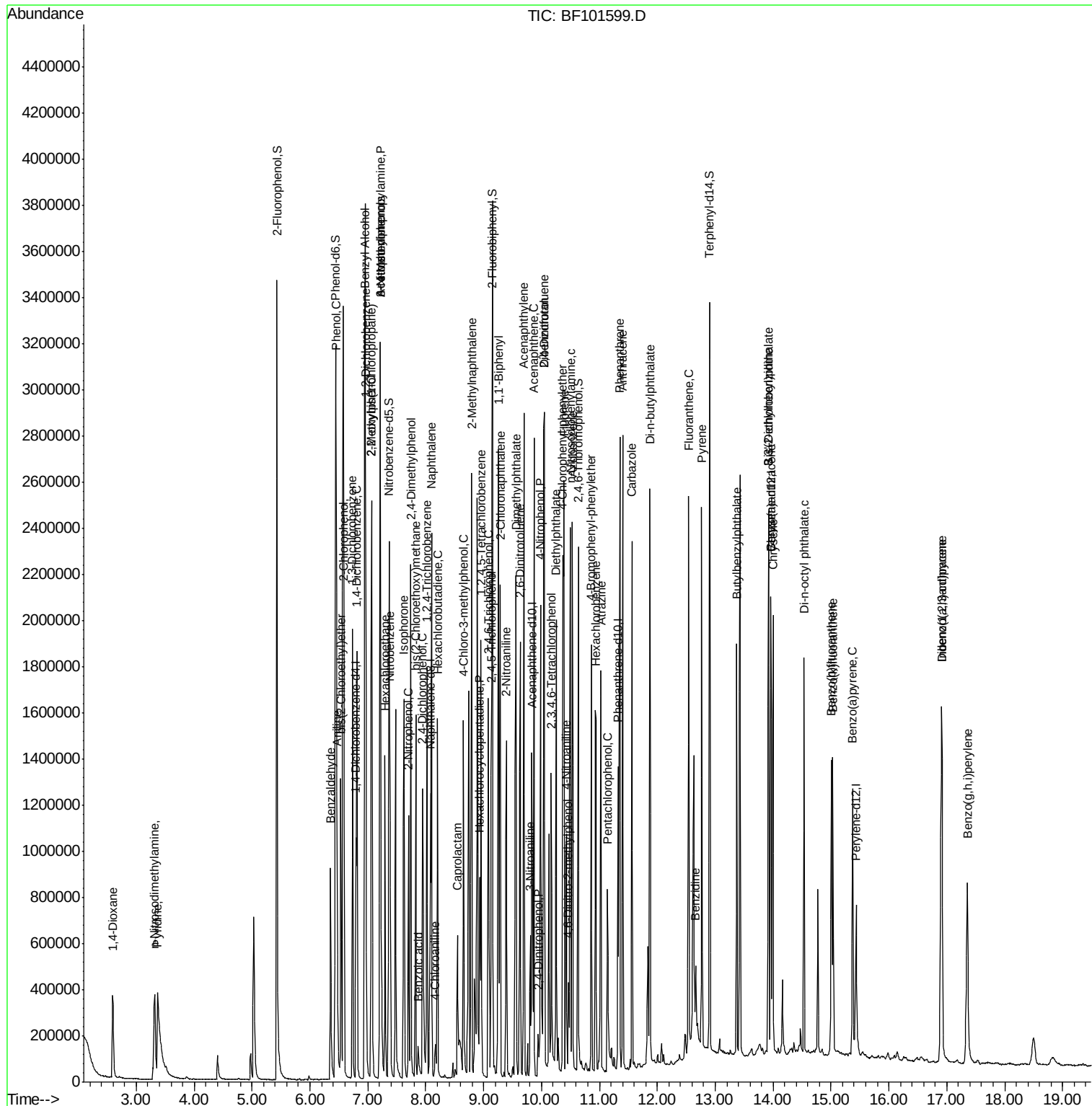
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	221391	41.109	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	223288	37.867	ng	99
45) 1,1'-Biphenyl	9.26	154	897245	38.185	ng	99
46) 2-Chloronaphthalene	9.29	162	677970	37.709	ng	97
47) 2-Nitroaniline	9.39	65	250514	40.334	ng	90
48) Acenaphthylene	9.70	152	997966	35.143	ng	99
49) Dimethylphthalate	9.56	163	754215	35.390	ng	100
50) 2,6-Dinitrotoluene	9.63	165	170898	39.455	ng	93
51) Acenaphthene	9.87	154	610955	35.810	ng	99
52) 3-Nitroaniline	9.80	138	93591	17.331	ng	97
53) 2,4-Dinitrophenol	9.94	184	36101	31.163	ng #	21
54) Dibenzofuran	10.04	168	854811	39.425	ng	97
55) 4-Nitrophenol	9.99	139	166656	70.774	ng #	86
56) 2,4-Dinitrotoluene	10.05	165	207851	42.591	ng #	83
57) Fluorene	10.39	166	701791	38.262	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	173062	40.850	ng	89
59) Diethylphthalate	10.26	149	782806	37.092	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	343777	39.108	ng	95
61) 4-Nitroaniline	10.43	138	169777	31.278	ng	98
62) Azobenzene	10.53	77	813208	37.196	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	53760	21.212	ng	95
65) n-Nitrosodiphenylamine	10.50	169	658678	35.918	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	216890	38.866	ng #	87
67) Hexachlorobenzene	10.94	284	223498	37.841	ng #	86
68) Atrazine	11.03	200	209863	38.379	ng	96
69) Pentachlorophenol	11.14	266	128384	57.872	ng	99
70) Phenanthrene	11.35	178	999288	36.181	ng	99
71) Anthracene	11.40	178	1030180	36.515	ng	99
72) Carbazole	11.56	167	888769	33.647	ng	99
73) Di-n-butylphthalate	11.87	149	1188823	37.081	ng	99
74) Fluoranthene	12.54	202	984777	33.969	ng	99
76) Benzidine	12.66	184	124541	10.911	ng	97
77) Pyrene	12.77	202	974759	48.057	ng	99
79) Butylbenzylphthalate	13.37	149	407009	44.347	ng	97
80) Benzo(a)anthracene	13.96	228	685446	38.409	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	140956	24.223	ng	99
82) Chrysene	14.00	228	638015	37.864	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	502794	43.252	ng #	97
84) Di-n-octyl phthalate	14.53	149	748266	36.093	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	791733	52.765	ng	96
87) Benzo(b)fluoranthene	15.01	252	590220	36.085	ng	98
88) Benzo(k)fluoranthene	15.03	252	567489	35.684	ng	98
89) Benzo(a)pyrene	15.37	252	594897	39.454	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	652472	50.399	ng	98
91) Benzo(g,h,i)perylene	17.36	276	712625	55.590	ng	95

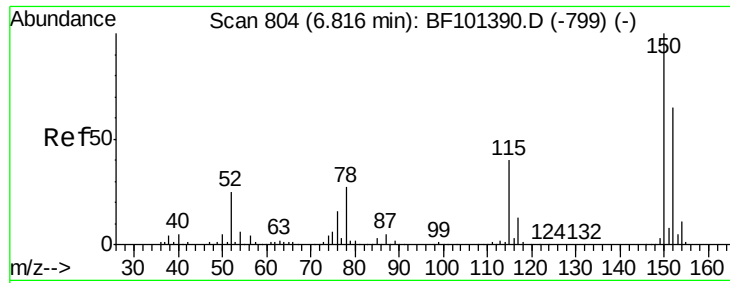
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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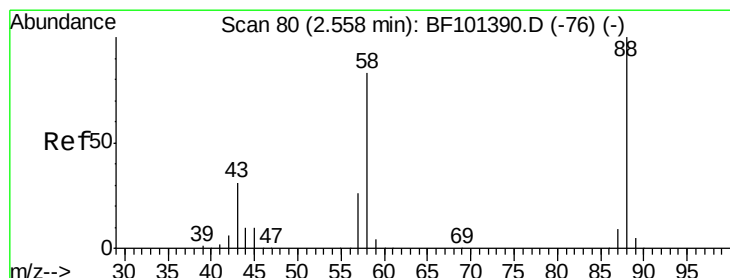
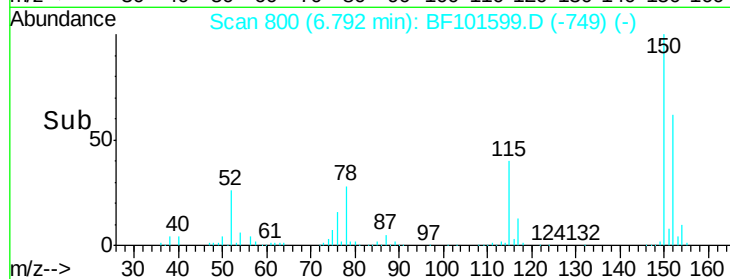
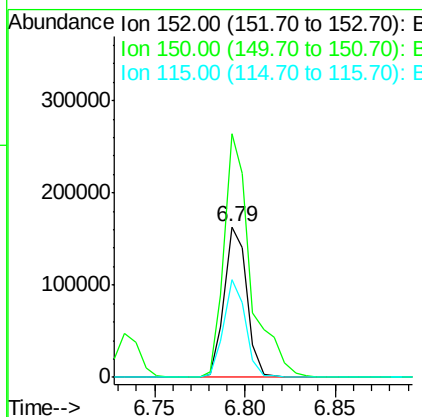
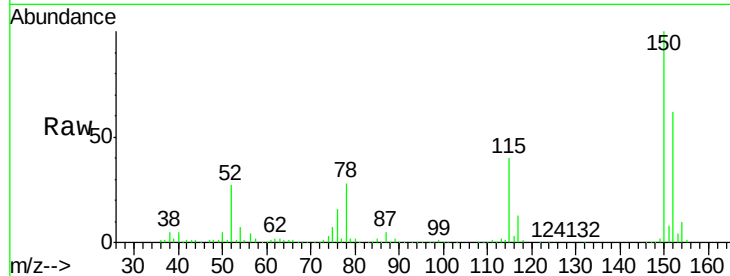




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

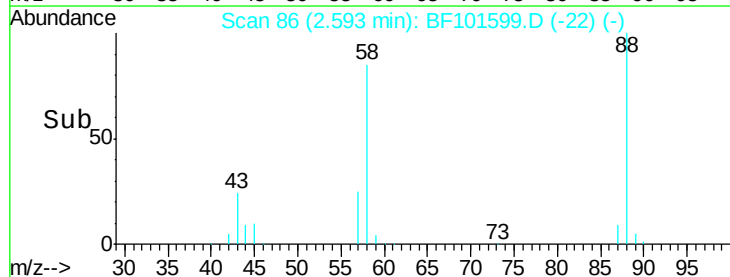
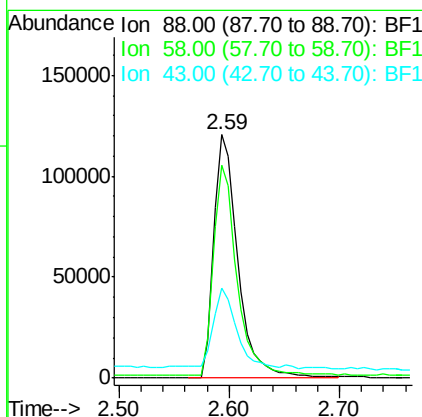
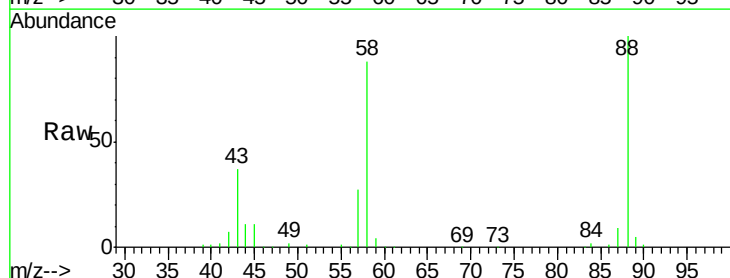
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

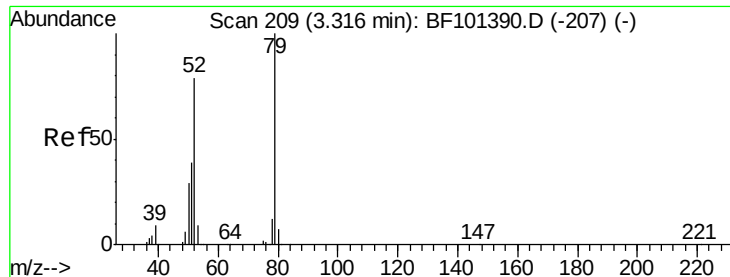
Tgt Ion: 152 Resp: 142720
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.6 186.8
 115 64.5 50.1 75.1



#2
 1,4-Dioxane
 Concen: 37.212 ng
 RT: 2.59 min Scan# 86
 Delta R.T. 0.08 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion: 88 Resp: 183201
 Ion Ratio Lower Upper
 88 100
 58 84.5 62.6 93.8
 43 30.8 24.6 37.0





#3

Pyridine

Concen: 35.580 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.09 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

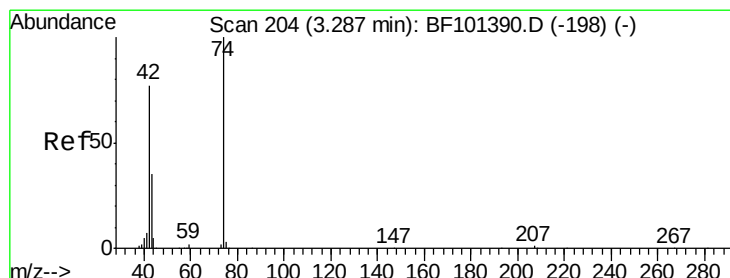
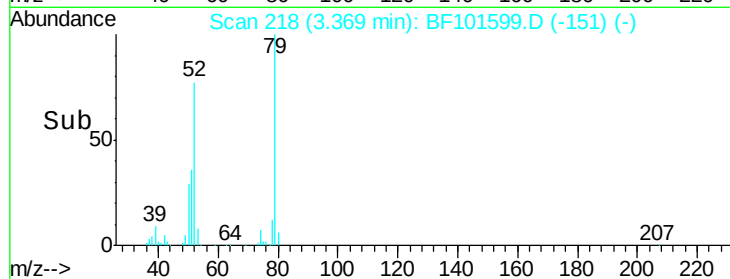
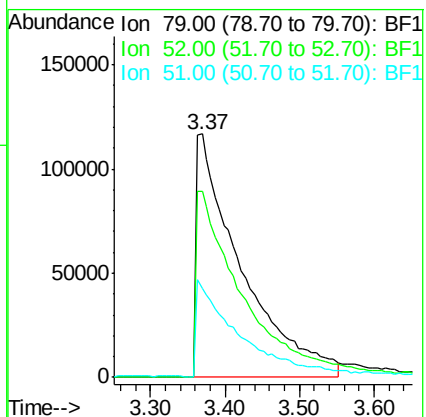
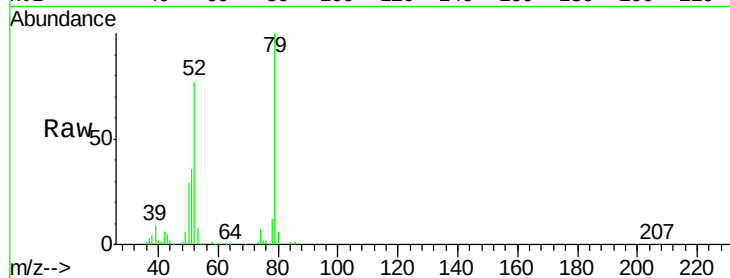
Tgt Ion: 79 Resp: 486682

Ion Ratio Lower Upper

79 100

52 76.6 59.8 89.6

51 36.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.116 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.08 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

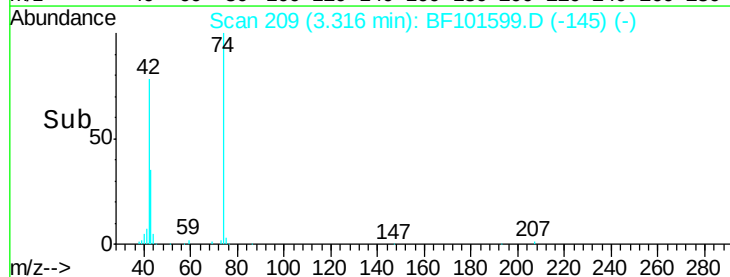
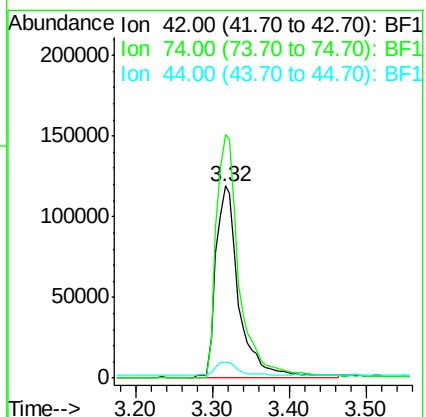
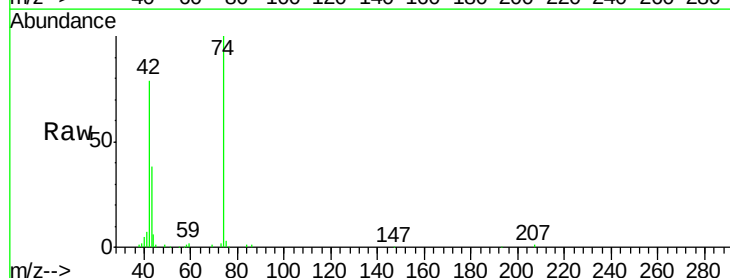
Tgt Ion: 42 Resp: 246349

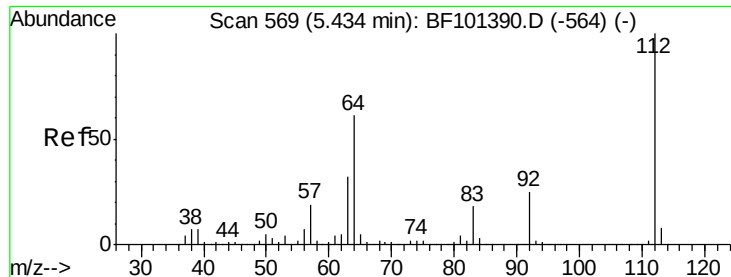
Ion Ratio Lower Upper

42 100

74 126.8 104.9 157.3

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 118.854 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

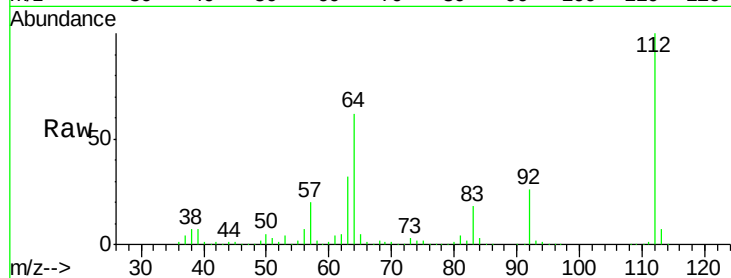
Tgt Ion: 112 Resp: 1138769

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

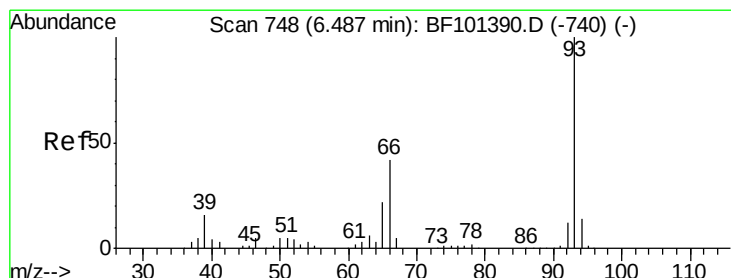
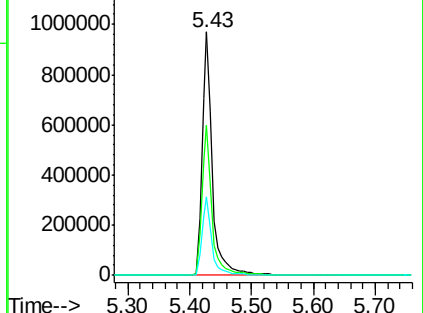
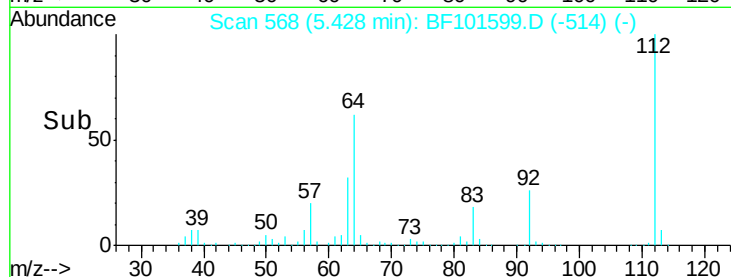
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.564 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

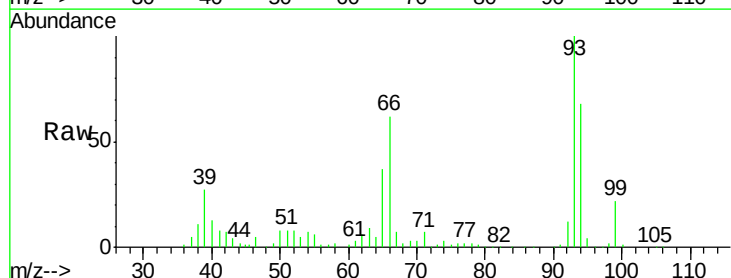
Tgt Ion: 93 Resp: 191628

Ion Ratio Lower Upper

93 100

66 61.8 32.2 48.2#

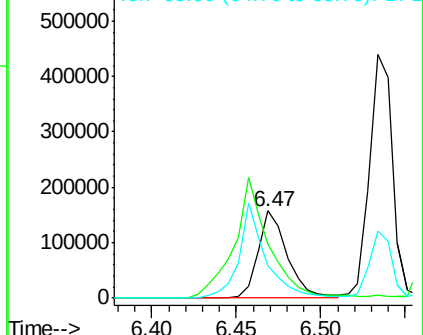
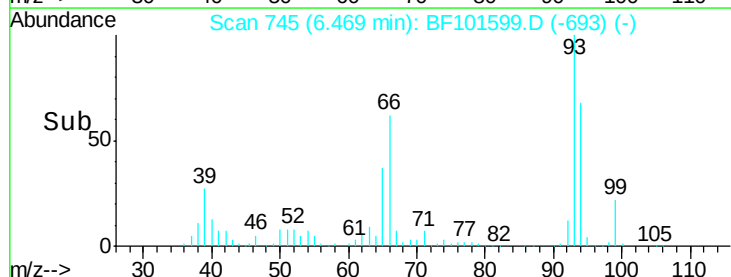
65 36.9 16.4 24.6#

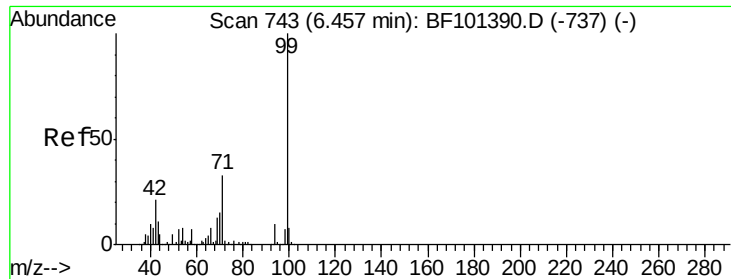


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.690 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101599.D

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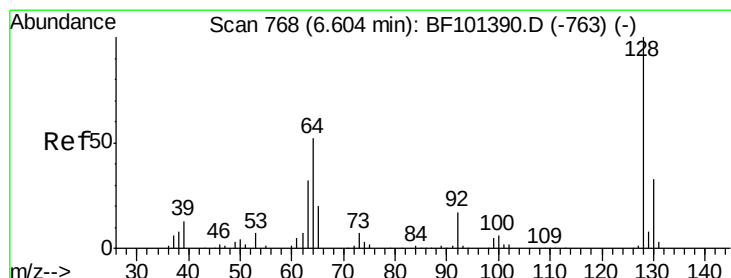
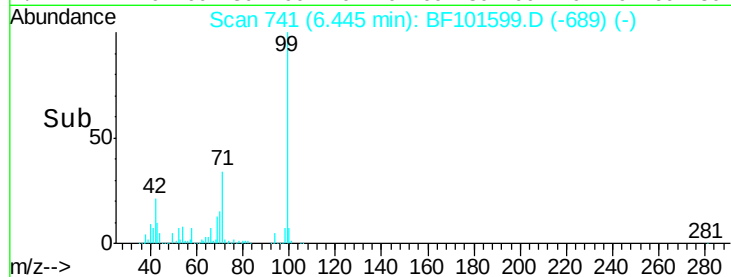
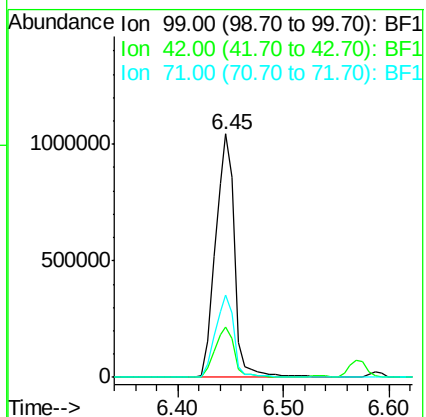
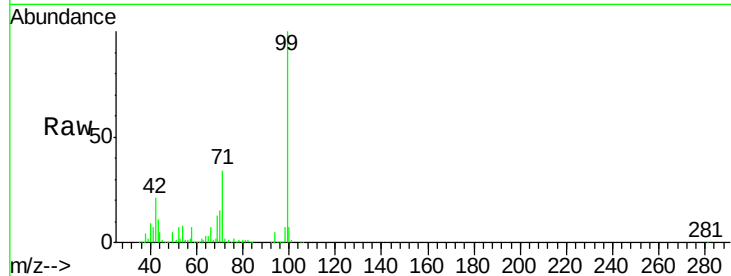
Tgt Ion: 99 Resp: 1331821

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 33.7 25.4 38.0



#8

2-Chlorophenol

Concen: 38.593 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

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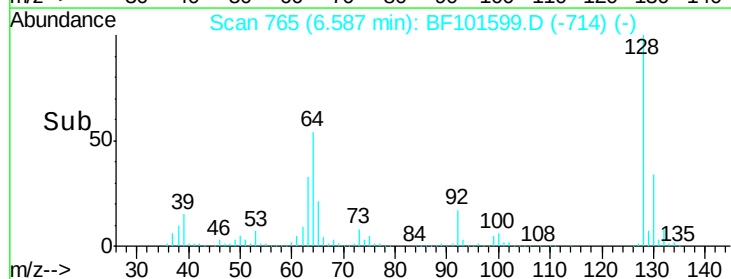
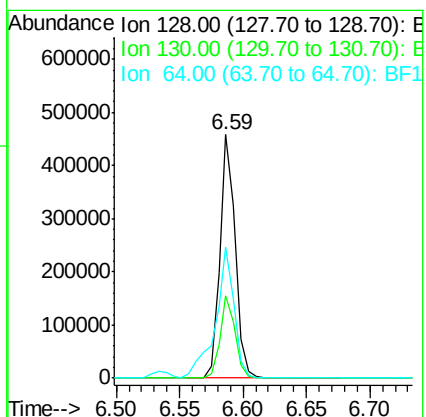
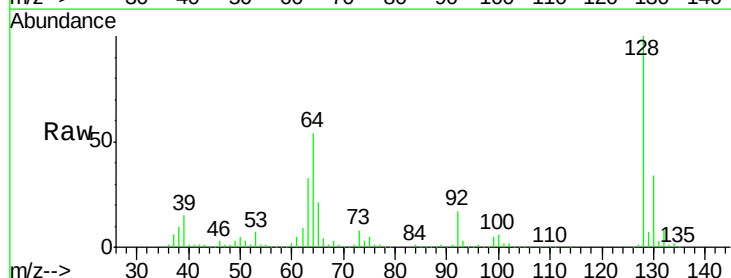
Tgt Ion: 128 Resp: 388969

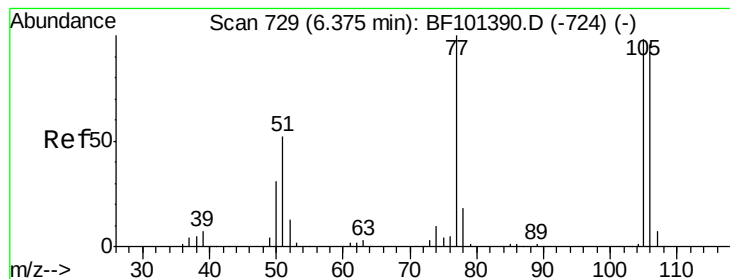
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 53.7 29.4 69.4





#9

Benzaldehyde

Concen: 26.577 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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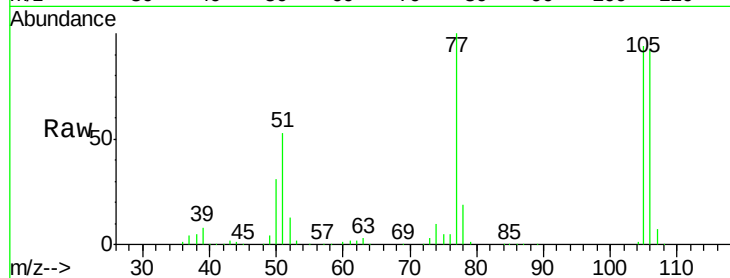
Tgt Ion: 77 Resp: 234049

Ion Ratio Lower Upper

77 100

105 94.3 81.1 121.1

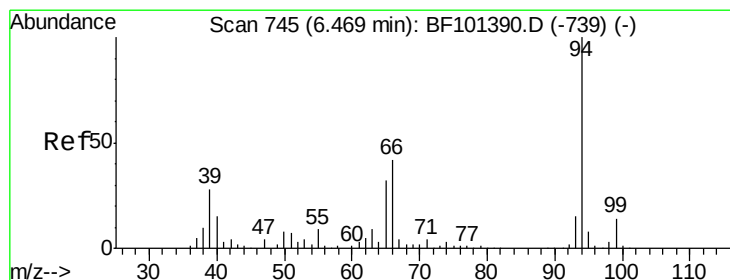
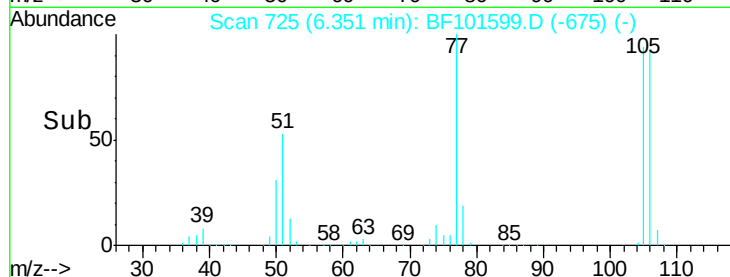
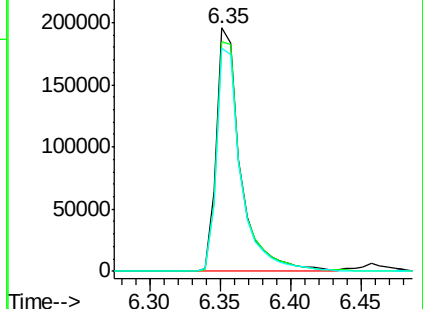
106 91.7 74.5 114.5



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: 36.290 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101599.D

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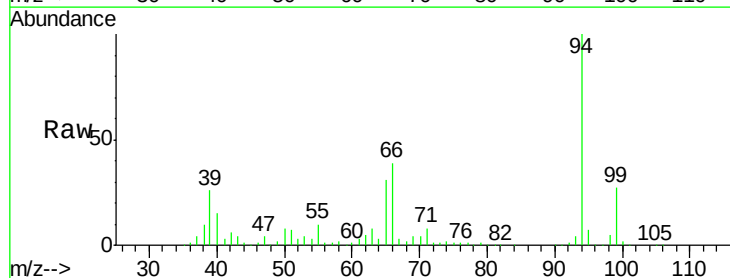
Tgt Ion: 94 Resp: 493208

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

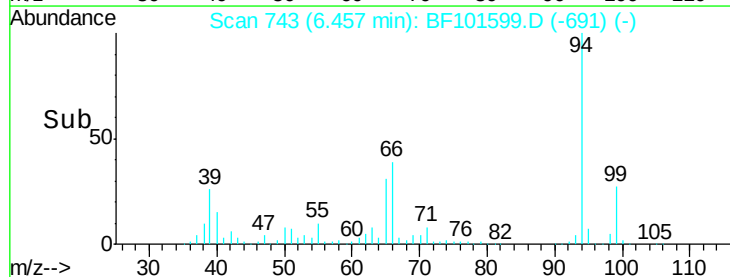
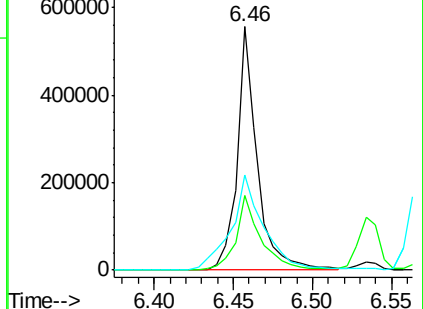
66 39.0 16.2 56.2

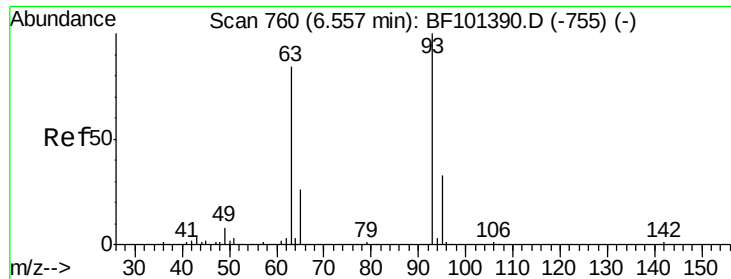


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

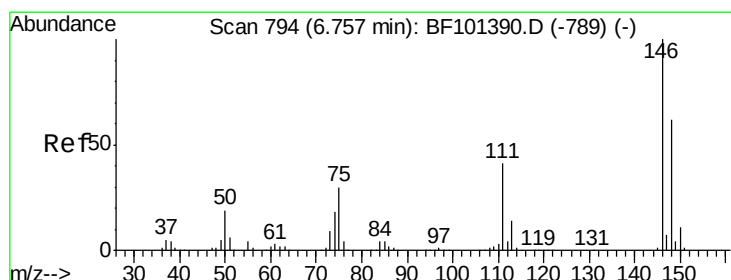
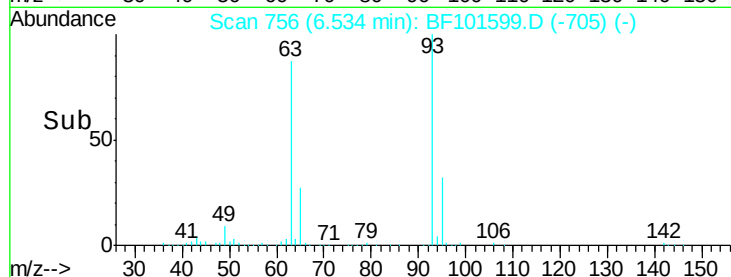
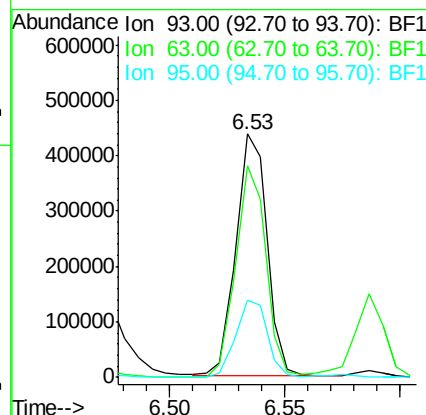
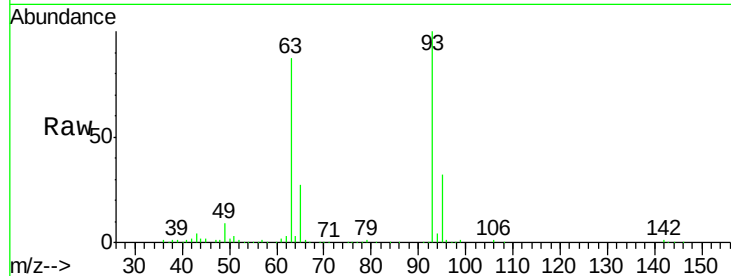




#11
bis(2-Chloroethyl)ether
Concen: 38.640 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

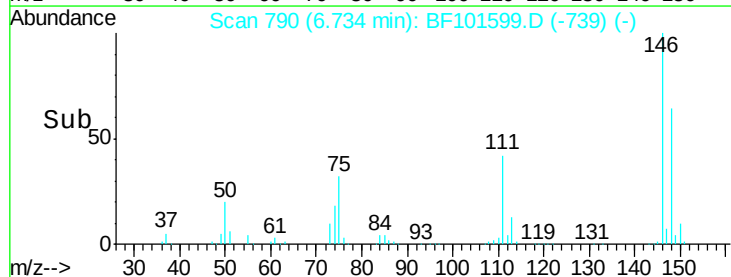
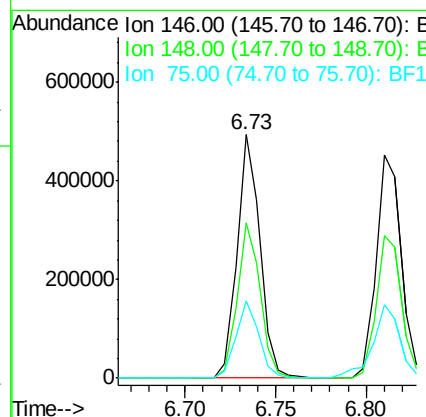
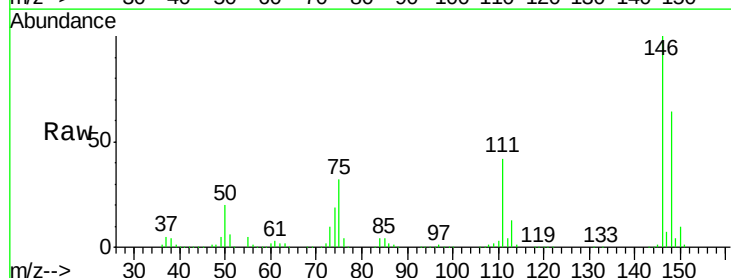
Instrument :
BNA_F
ClientSampleId :
PB105170BS

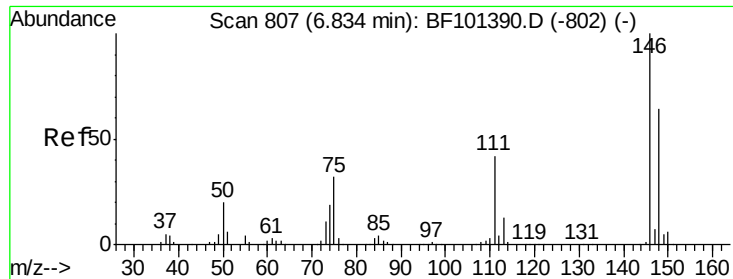
Tgt Ion: 93 Resp: 411927
Ion Ratio Lower Upper
93 100
63 87.1 58.6 98.6
95 31.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.260 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion: 146 Resp: 435220
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 31.8 24.2 36.4

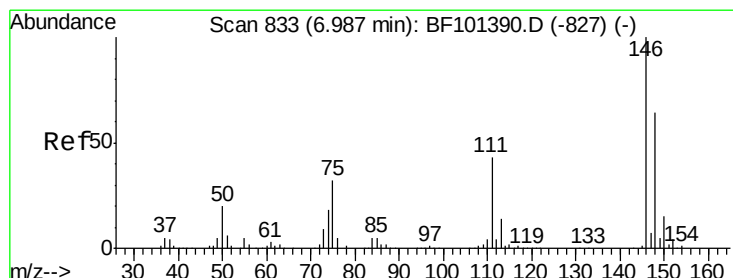
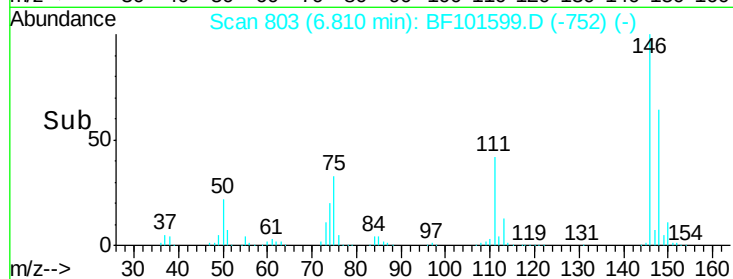
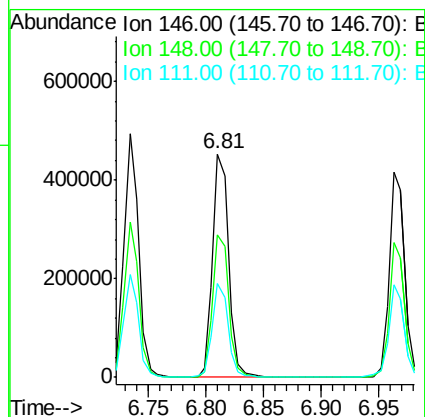
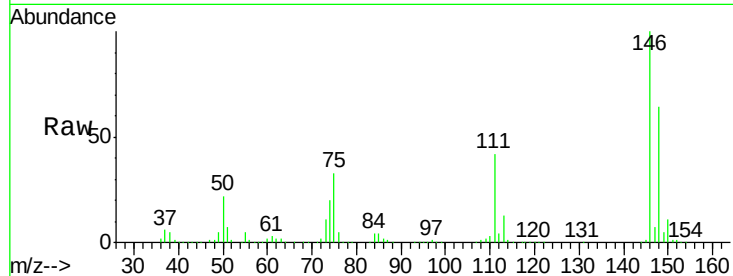




#13
 1,4-Dichlorobenzene
 Concen: 37.944 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

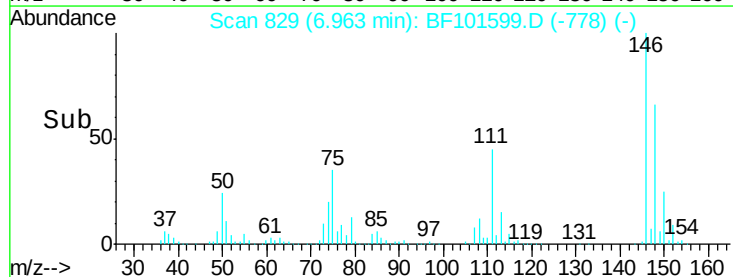
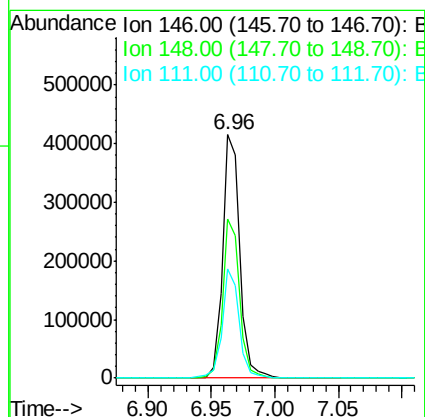
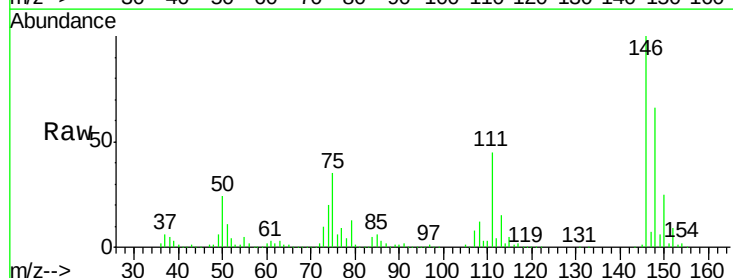
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

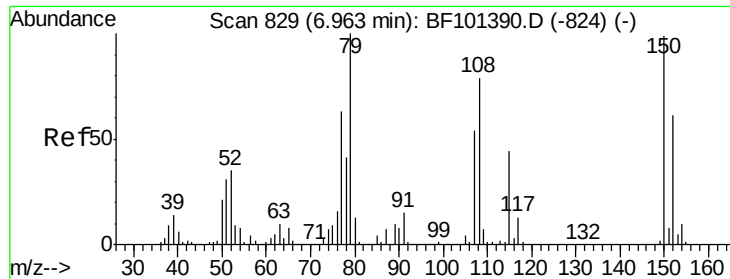
Tgt Ion:146 Resp: 440760
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.588 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:146 Resp: 393019
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.6 75.8
 111 45.1 36.0 54.0

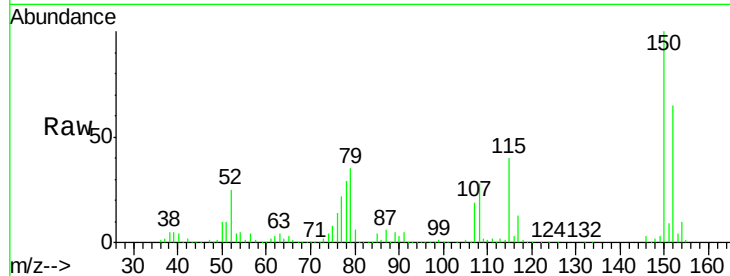




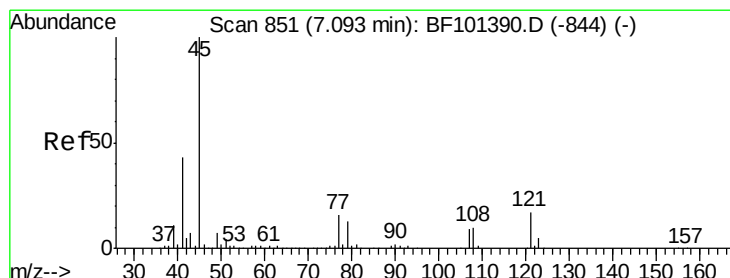
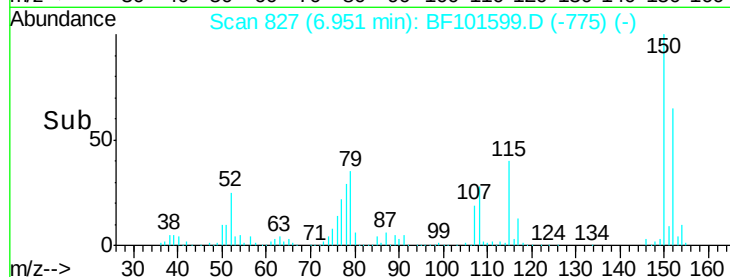
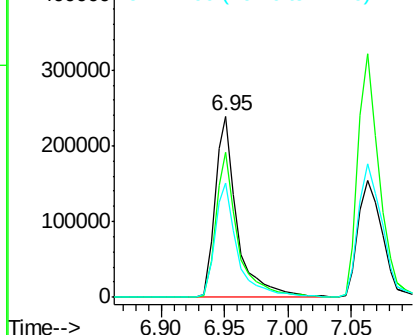
#15
Benzyl Alcohol
Concen: 35.798 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Instrument :
BNA_F
ClientSampleId :
PB105170BS

Tgt Ion: 79 Resp: 293807
Ion Ratio Lower Upper
79 100
108 80.0 65.1 97.7
77 63.3 50.6 75.8

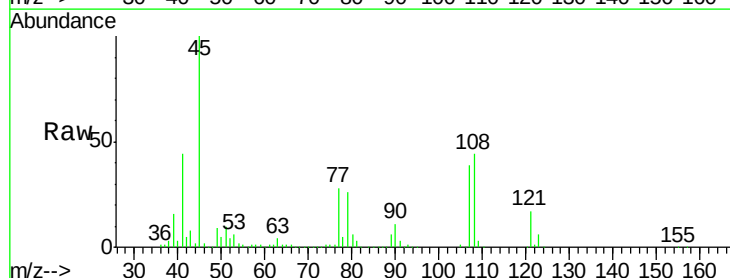


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

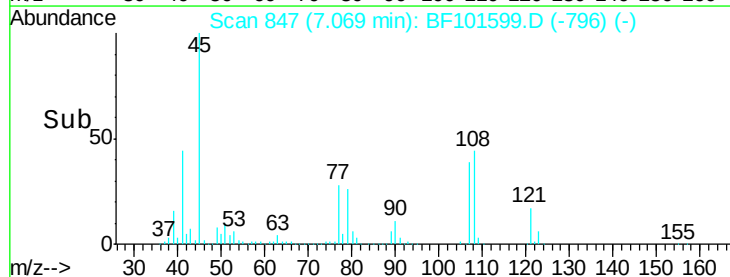
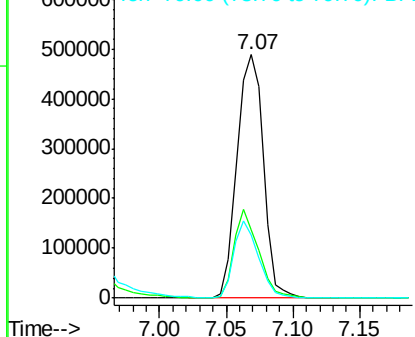


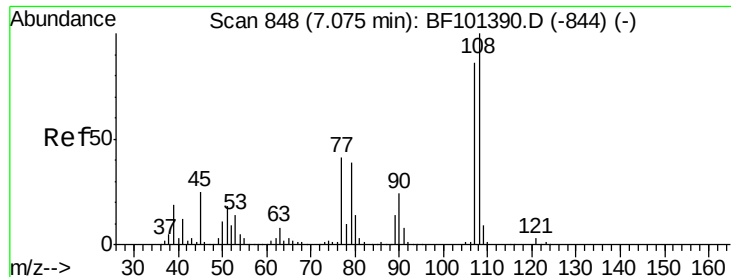
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.919 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion: 45 Resp: 667612
Ion Ratio Lower Upper
45 100
77 28.0 0.0 32.9
79 25.7 0.0 29.6



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

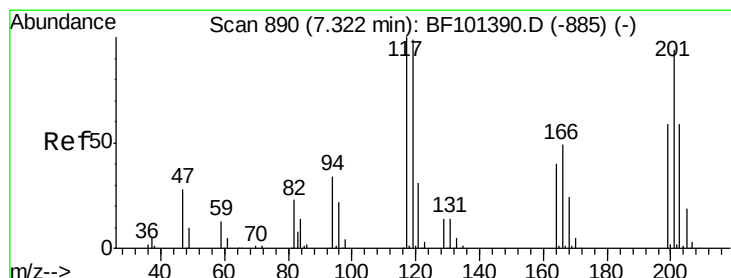
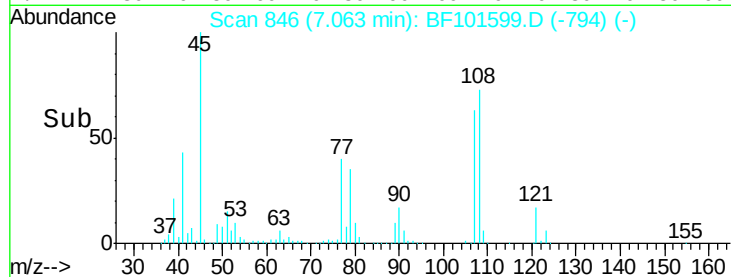
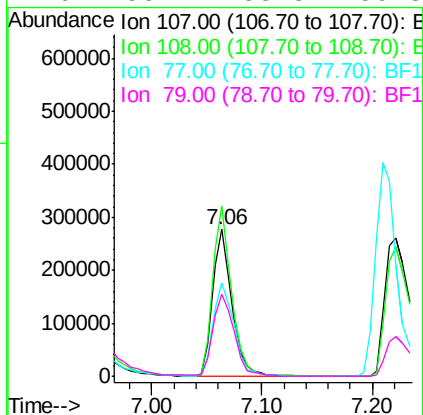
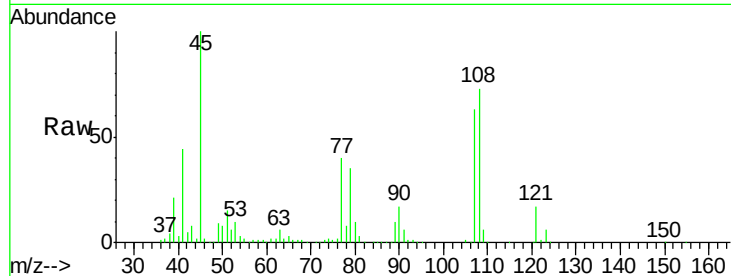




#17
2-Methylphenol
Concen: 35.255 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

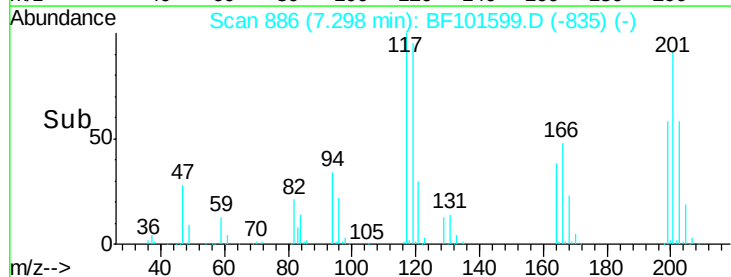
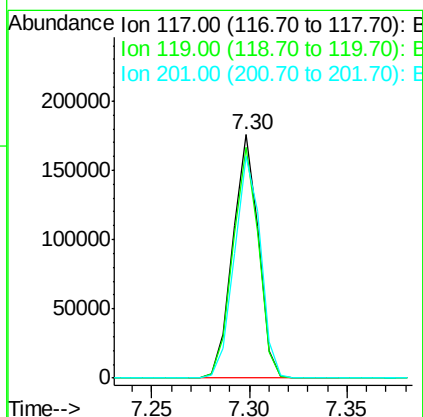
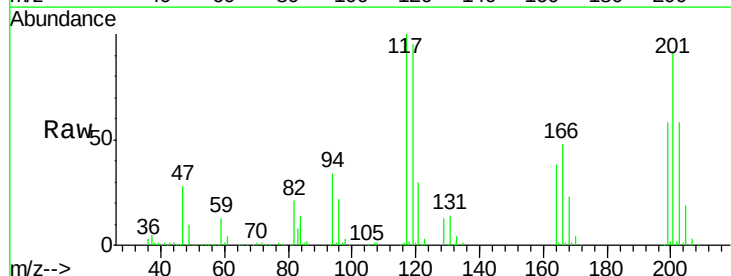
Instrument :
BNA_F
ClientSampleId :
PB105170BS

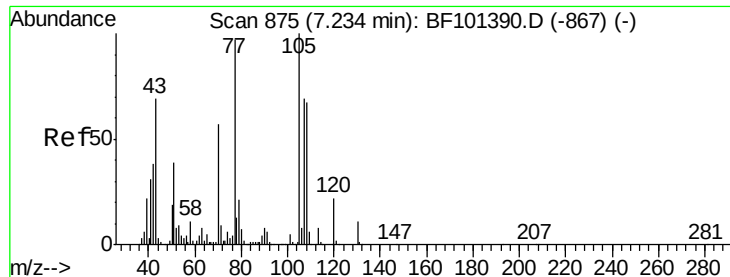
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.1	91.7	137.5
77	64.0	33.8	50.8#
79	55.7	33.8	50.8#



#18
Hexachloroethane
Concen: 39.542 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	91.0	75.7	113.5

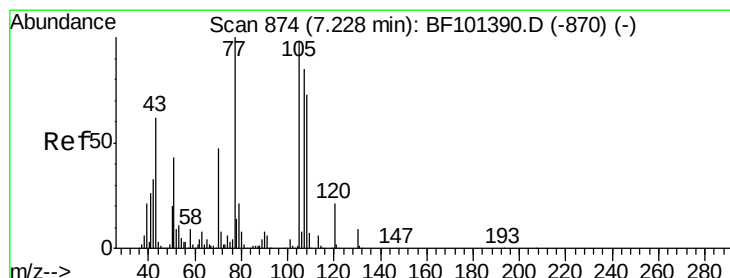
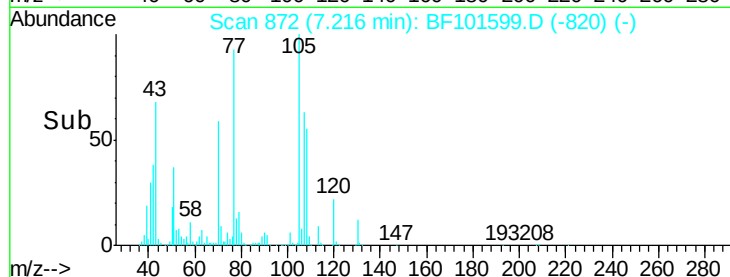
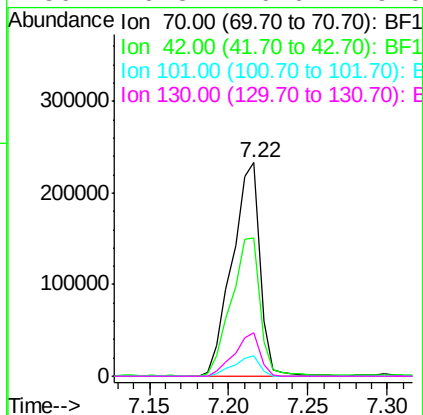
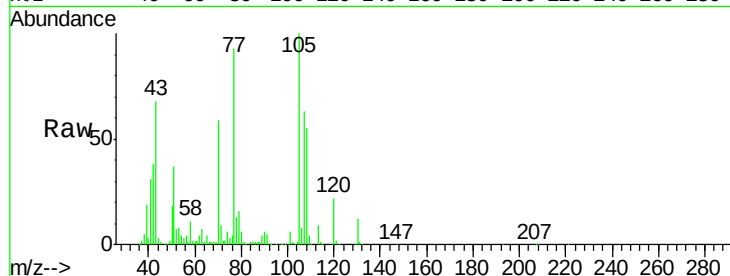




#19
n-Nitroso-di-n-propylamine
Concen: 36.388 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

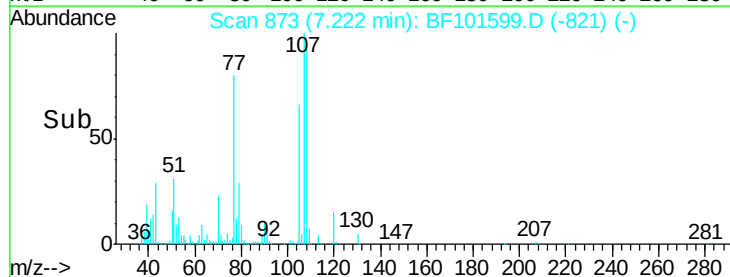
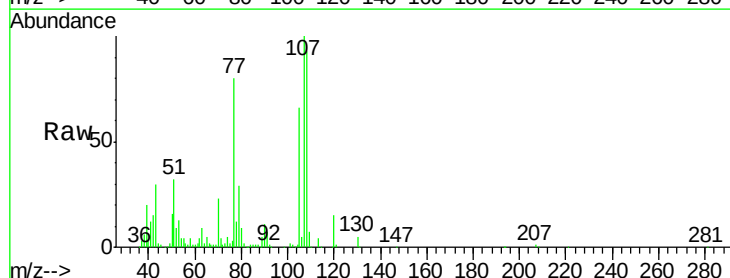
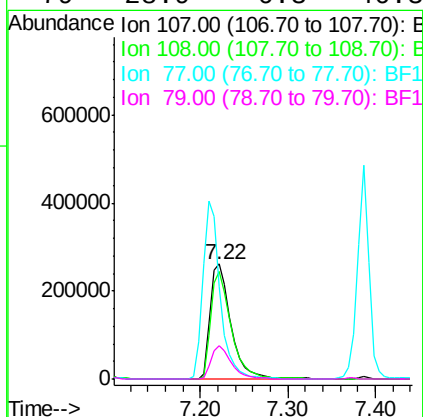
Instrument :
BNA_F
ClientSampleId :
PB105170BS

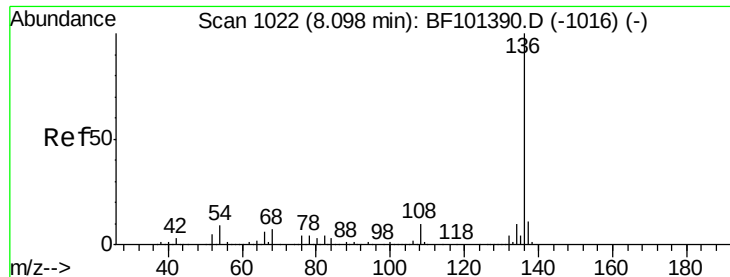
Tgt Ion: 70 Resp: 284947
Ion Ratio Lower Upper
70 100
42 64.6 47.5 71.3
101 9.8 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.803 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion: 107 Resp: 430336
Ion Ratio Lower Upper
107 100
108 93.0 68.2 108.2
77 80.2 26.7 66.7#
79 28.9 6.3 46.3

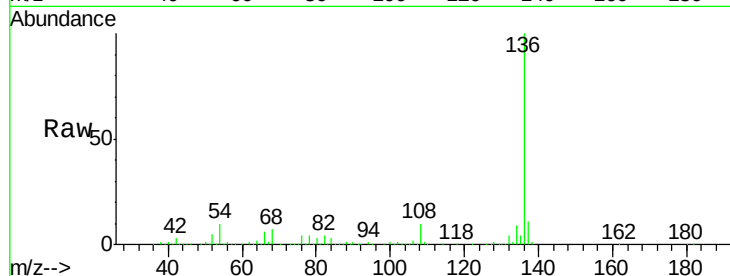




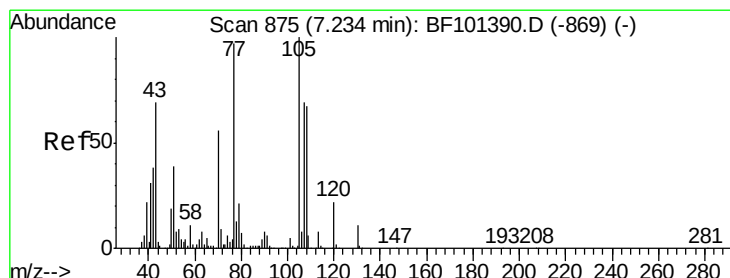
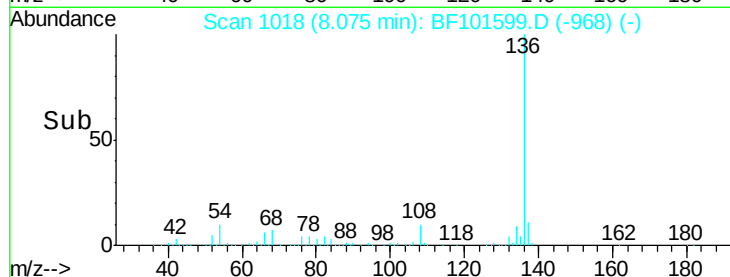
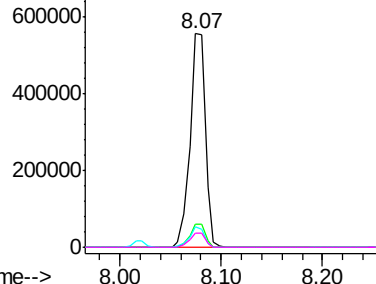
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Instrument :
BNA_F
ClientSampleId :
PB105170BS

Tgt Ion:	136	Resp:	584109
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	6.7	5.0	7.4

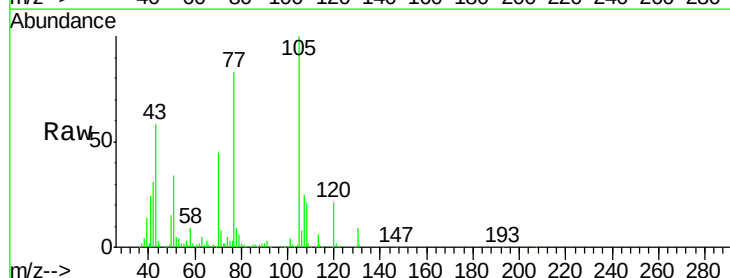


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

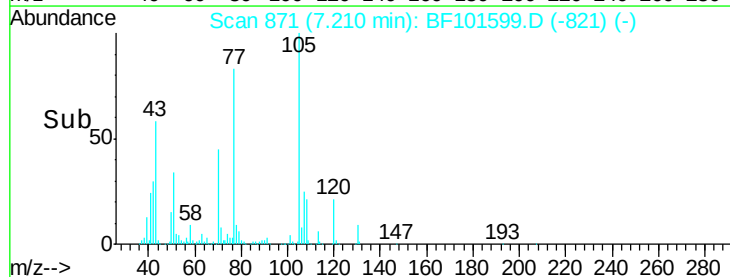
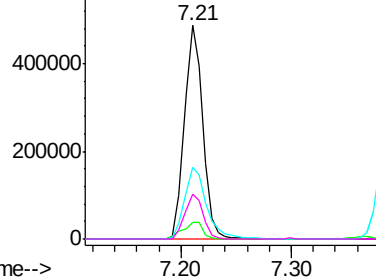


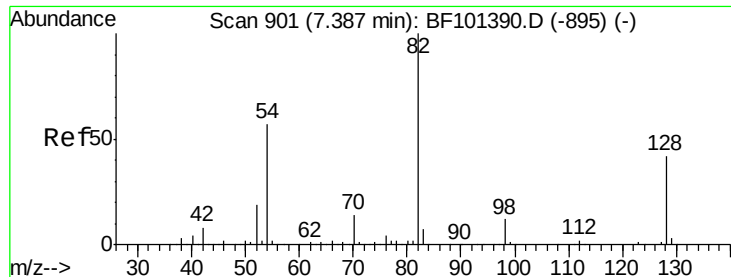
#22
Acetophenone
Concen: 41.880 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion:	105	Resp:	558171
Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.4	6.6#
51	33.7	22.3	33.5#
120	21.1	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

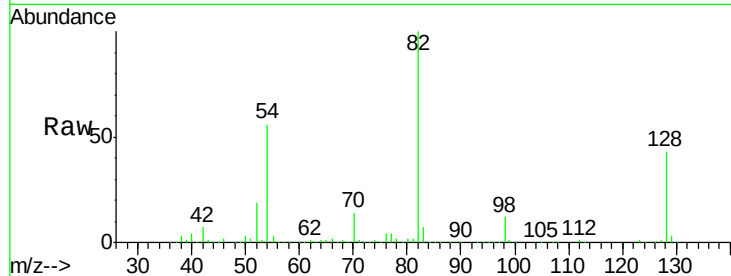




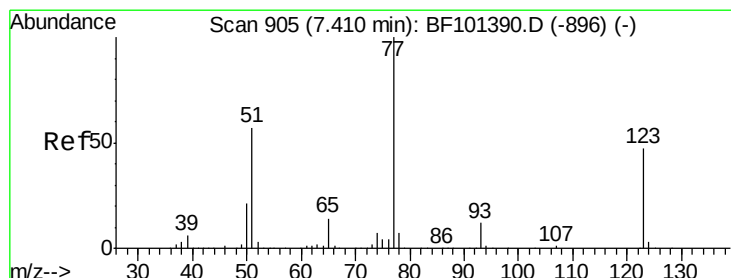
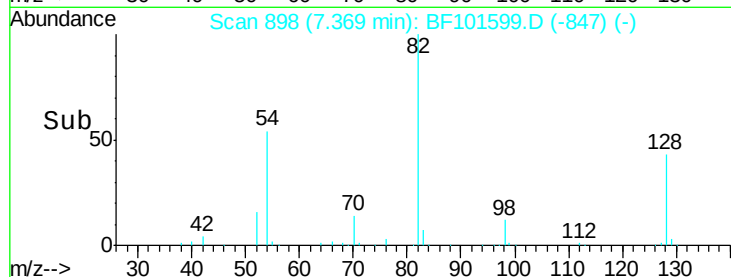
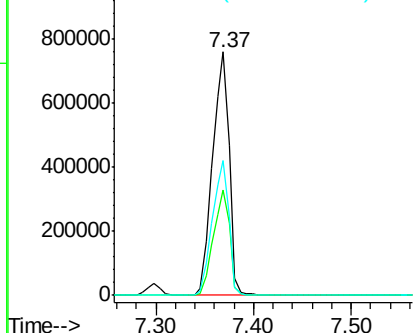
#23
 Nitrobenzene-d5
 Concen: 84.981 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

Tgt Ion: 82 Resp: 891722
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 55.6 41.4 62.2

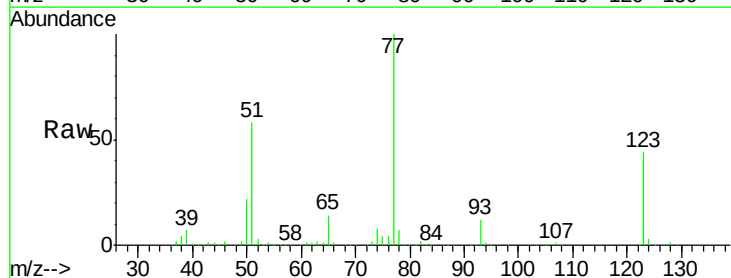


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

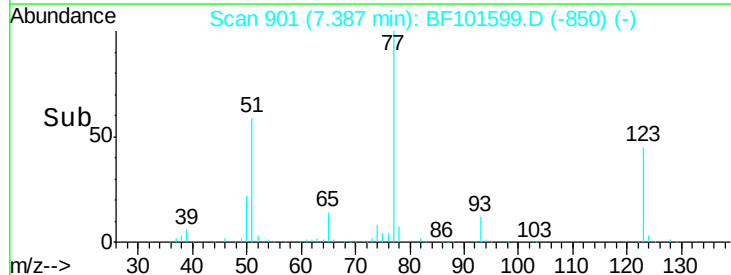
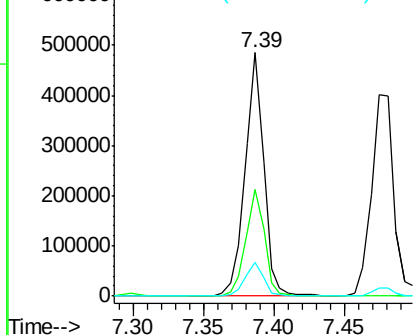


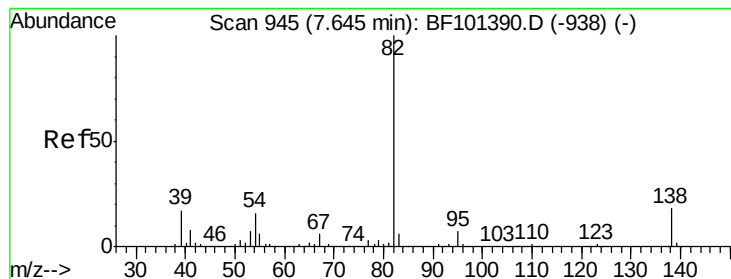
#24
 Nitrobenzene
 Concen: 38.559 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion: 77 Resp: 447794
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.9 56.9
 65 14.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.484 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

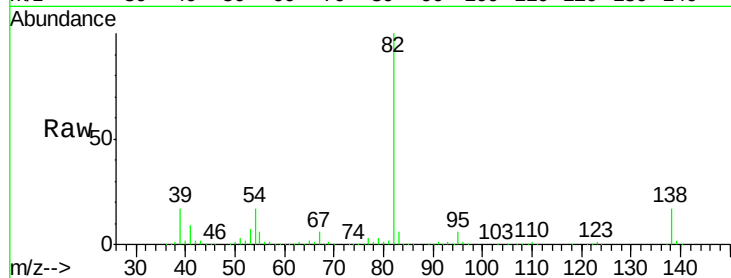
Tgt Ion: 82 Resp: 831136

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

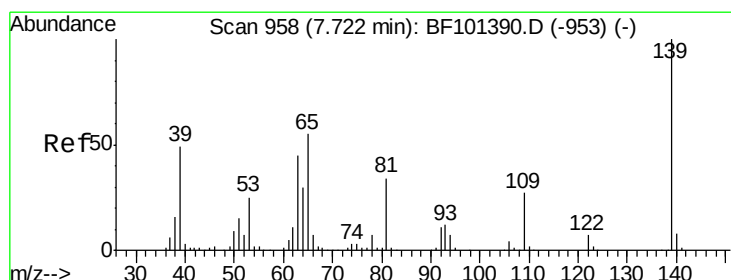
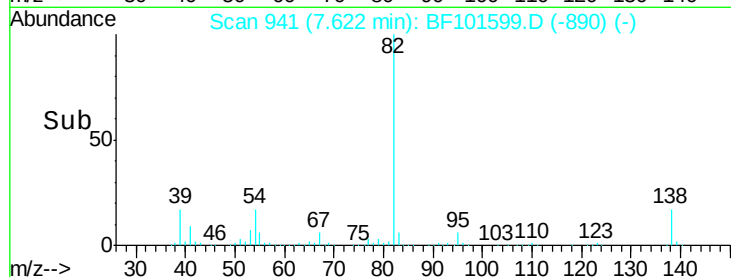
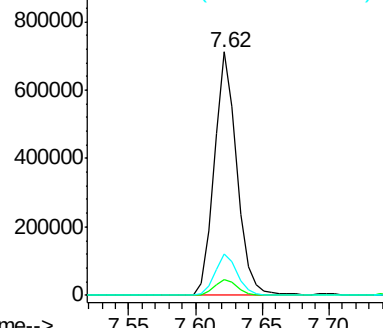
138 16.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.544 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

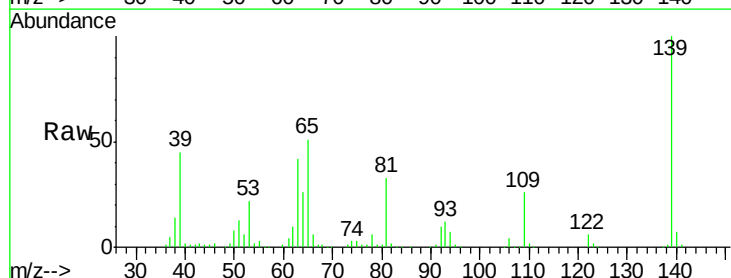
Tgt Ion: 139 Resp: 222243

Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

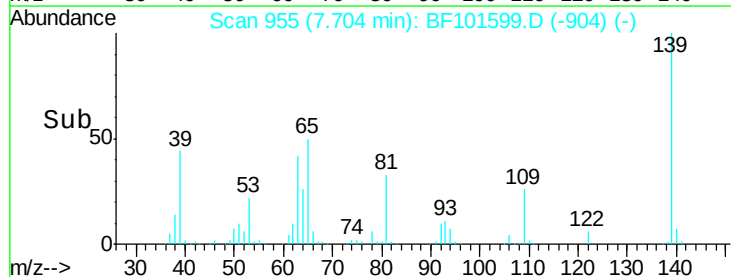
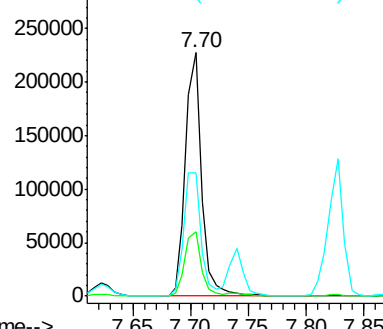
65 50.7 40.5 60.7

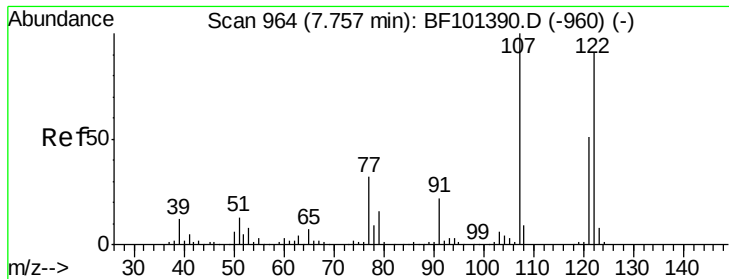


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

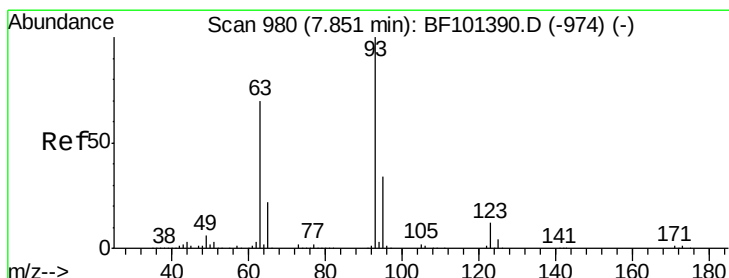
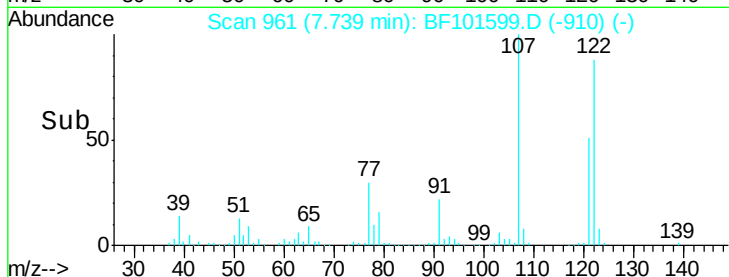
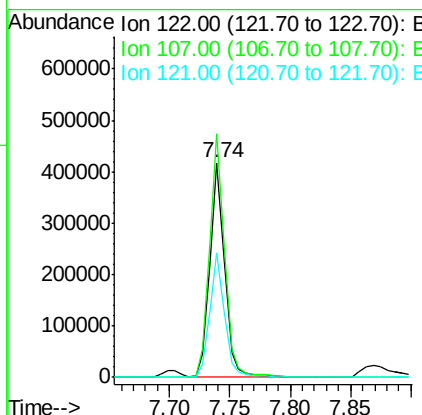
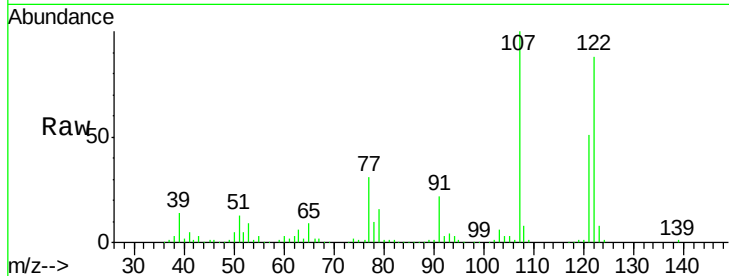




#27
2,4-Dimethylphenol
Concen: 42.049 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

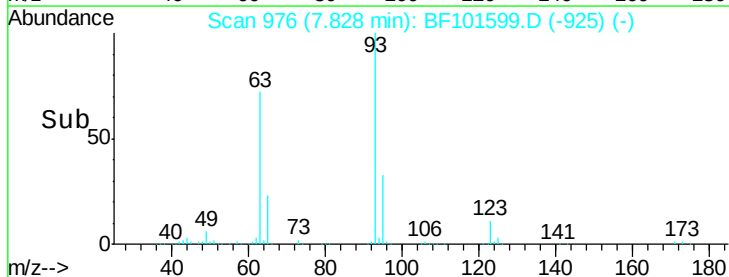
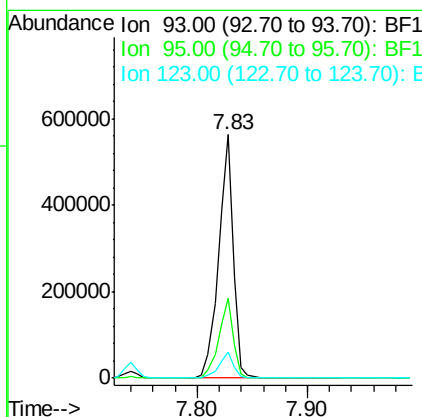
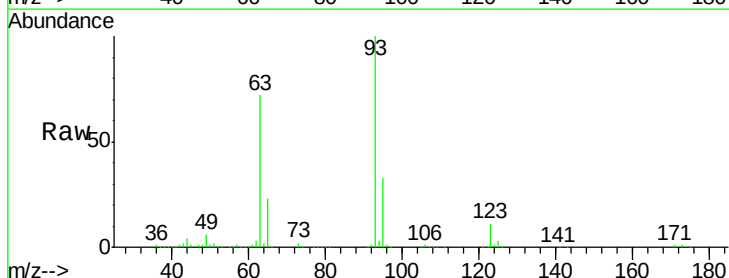
Instrument :
BNA_F
ClientSampleId :
PB105170BS

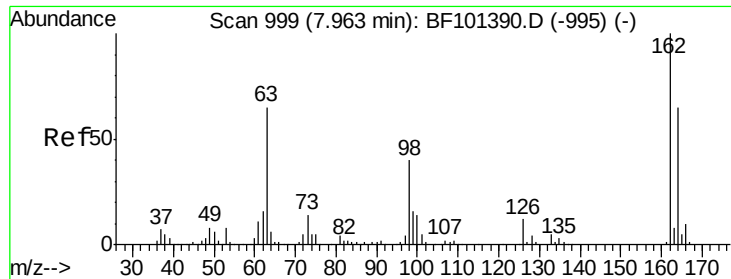
Tgt Ion:122 Resp: 356407
Ion Ratio Lower Upper
122 100
107 113.5 91.2 136.8
121 57.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.699 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion: 93 Resp: 517460
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.7 9.8 14.6

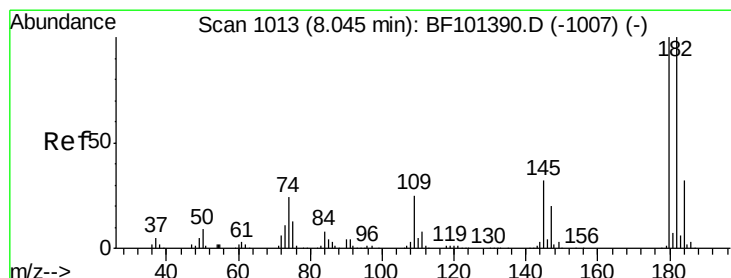
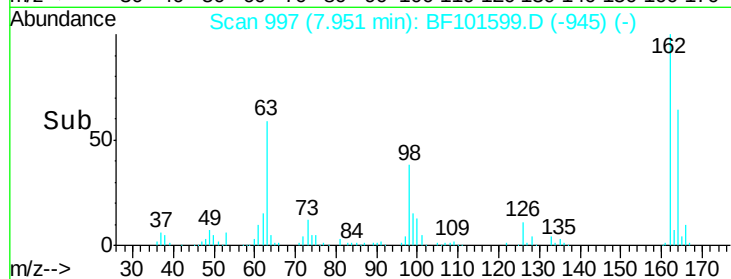
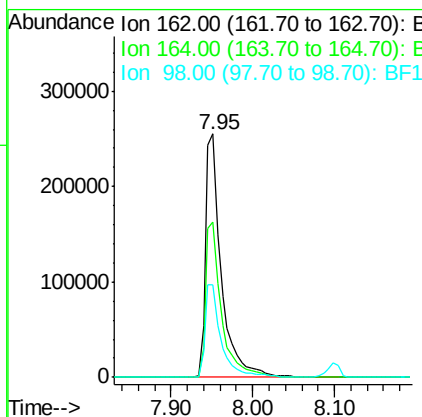
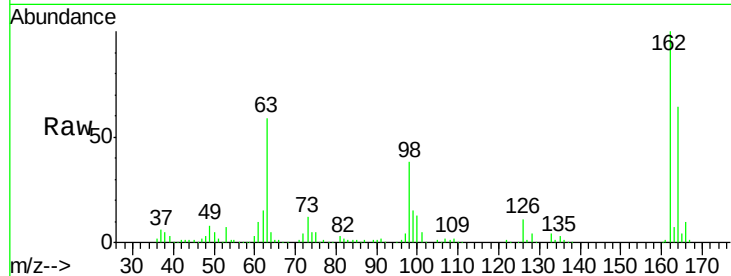




#29
2,4-Dichlorophenol
Concen: 40.865 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

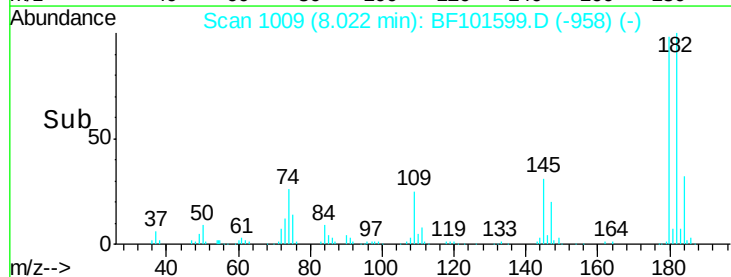
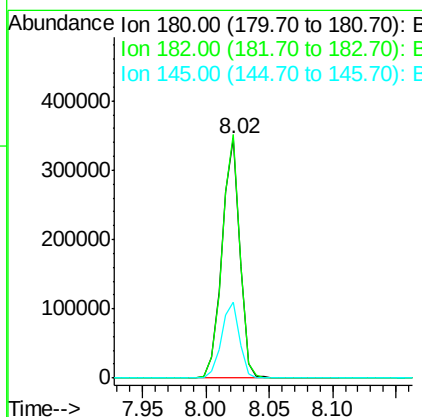
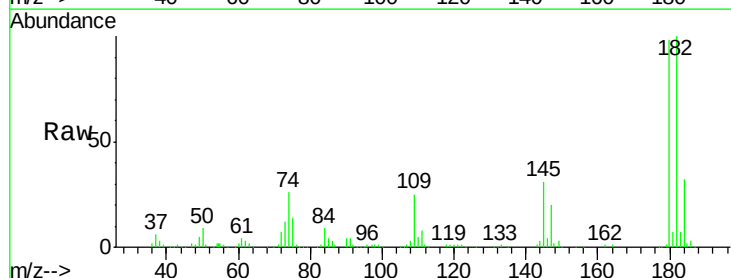
Instrument :
BNA_F
ClientSampleId :
PB105170BS

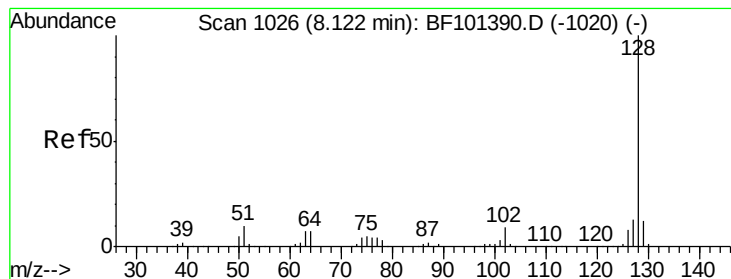
Tgt Ion:162 Resp: 342205
Ion Ratio Lower Upper
162 100
164 63.9 42.7 82.7
98 38.0 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.493 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion:180 Resp: 340165
Ion Ratio Lower Upper
180 100
182 101.6 76.8 115.2
145 31.7 26.5 39.7





#31

Naphthalene

Concen: 37.787 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

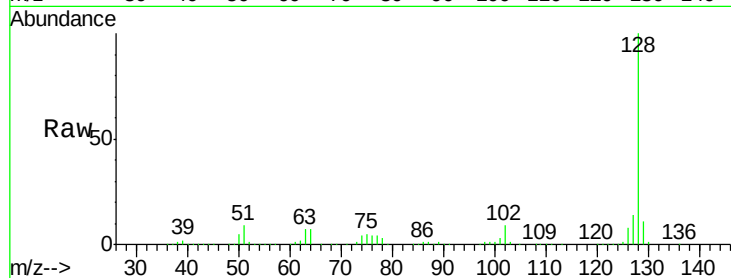
Tgt Ion:128 Resp: 1111170

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

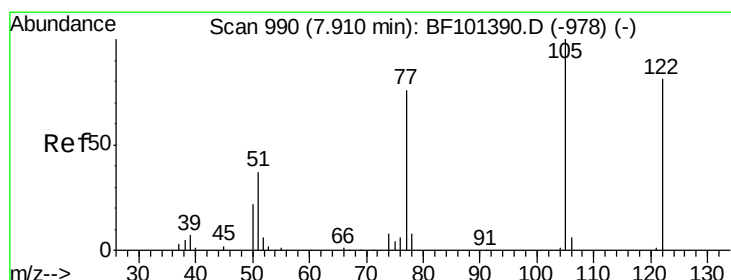
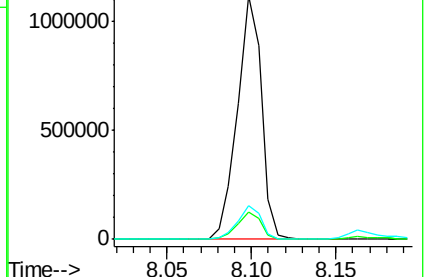
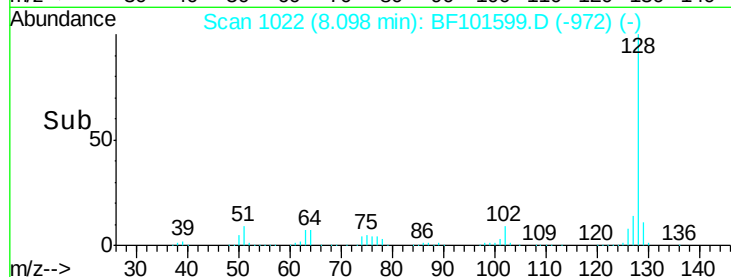
127 13.7 10.9 16.3



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: 15.757 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

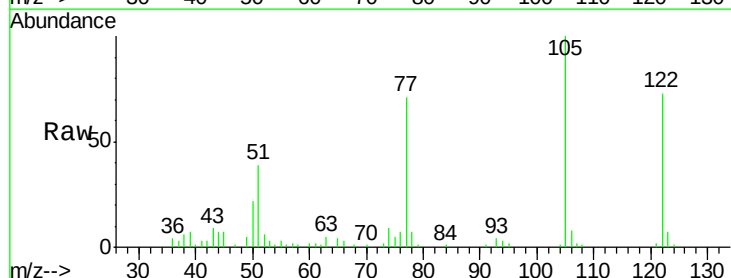
Tgt Ion:122 Resp: 53380

Ion Ratio Lower Upper

122 100

105 136.8 101.1 141.1

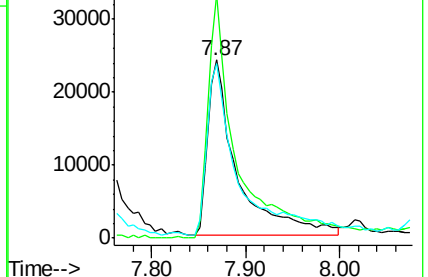
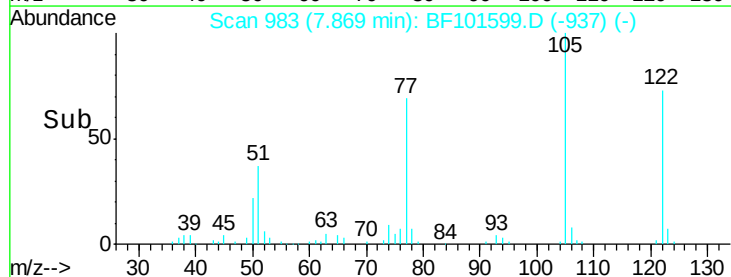
77 97.8 70.7 110.7

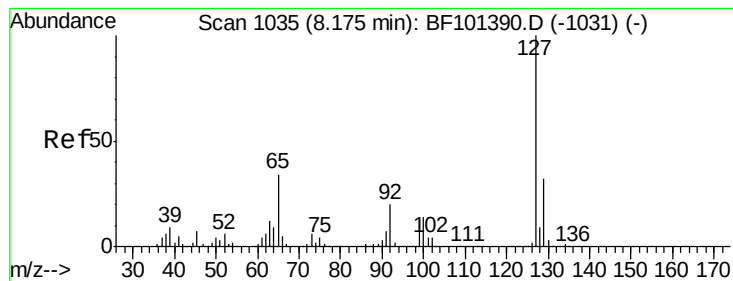


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 5.319 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

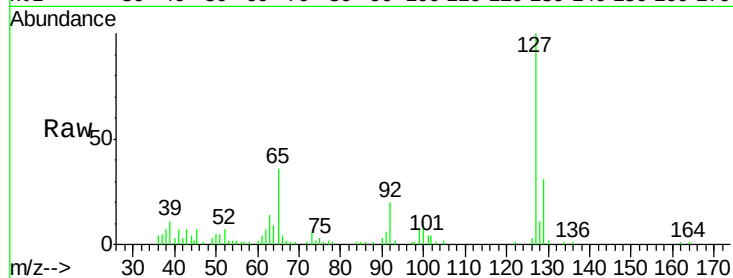
Instrument :

BNA_F

ClientSampleId :

PB105170BS

Tgt Ion:	127	Resp:	67987
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	35.9	25.0	37.4
92	20.0	15.2	22.8

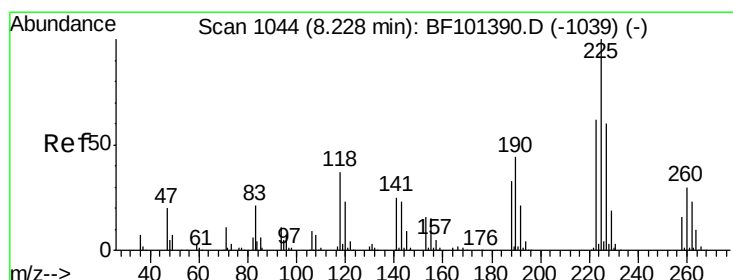
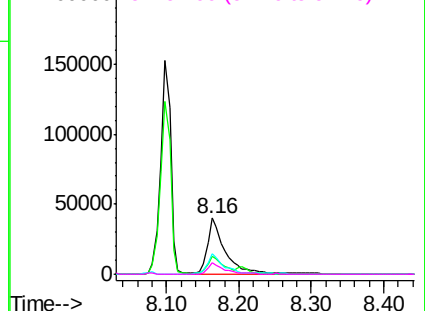
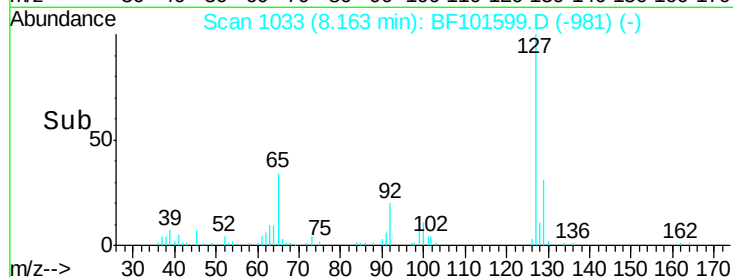


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.360 ng

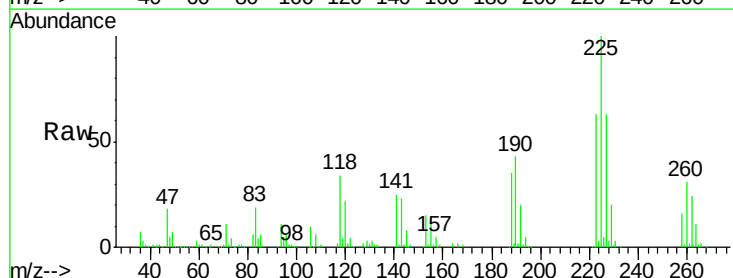
RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

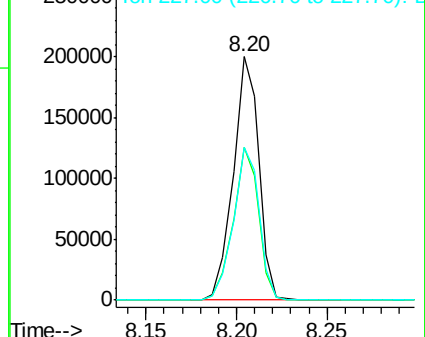
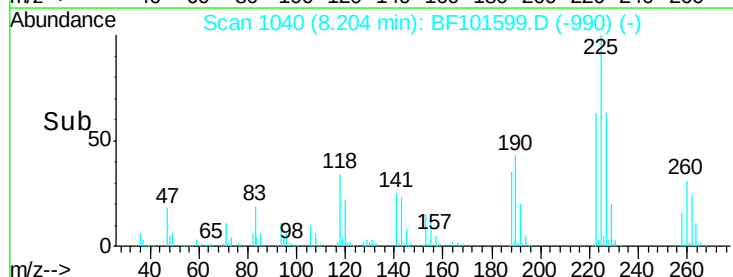
Tgt Ion:	225	Resp:	196062
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.0	51.9	77.9

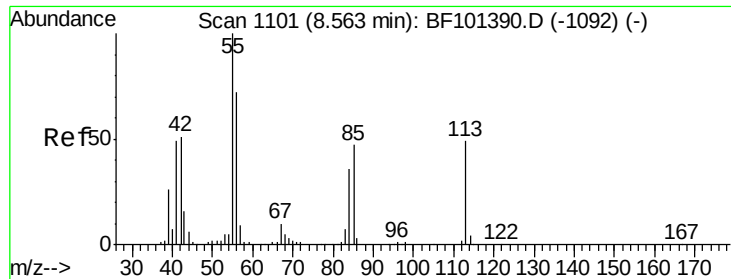


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

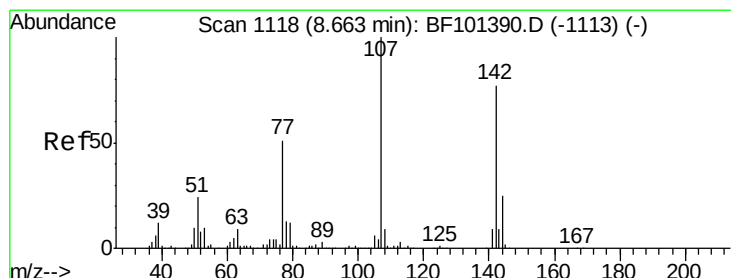
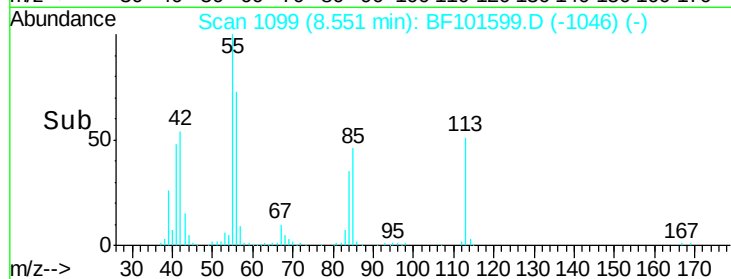
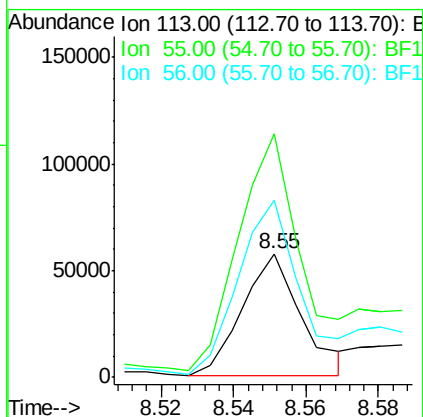
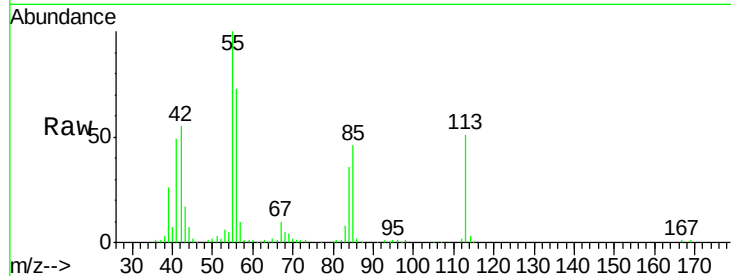




#35
 Caprolactam
 Concen: 21.956 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

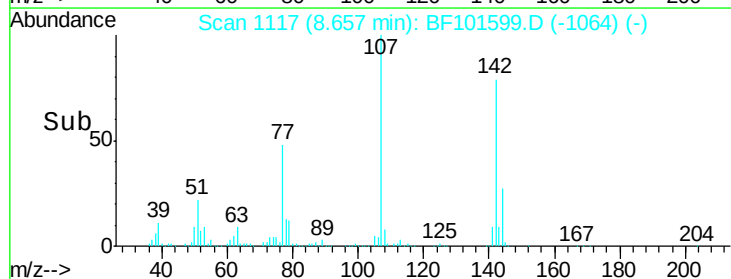
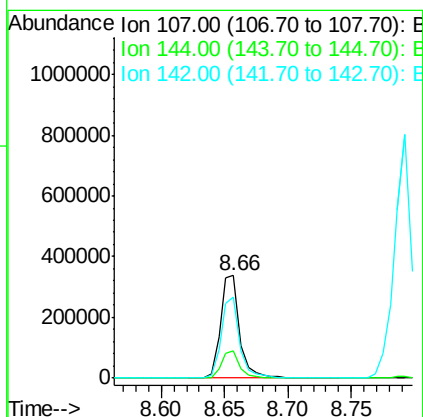
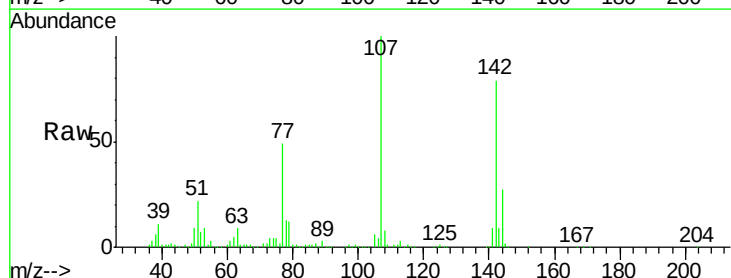
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

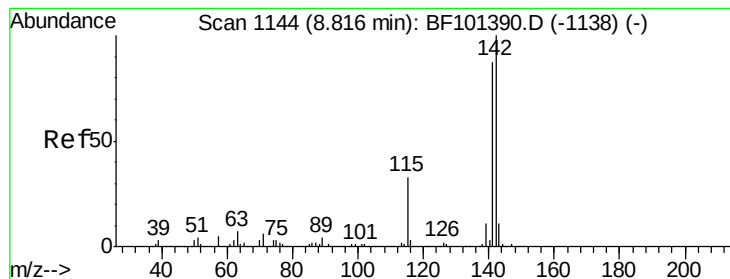
Tgt Ion:113 Resp: 63842
 Ion Ratio Lower Upper
 113 100
 55 197.4 163.3 203.3
 56 143.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.900 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:107 Resp: 358034
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 78.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.684 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

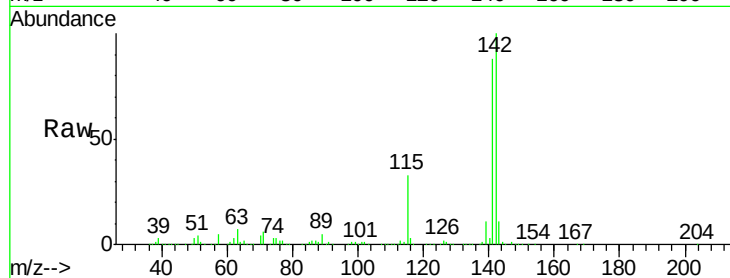
Tgt Ion:142 Resp: 741128

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2

115 33.1 26.1 39.1



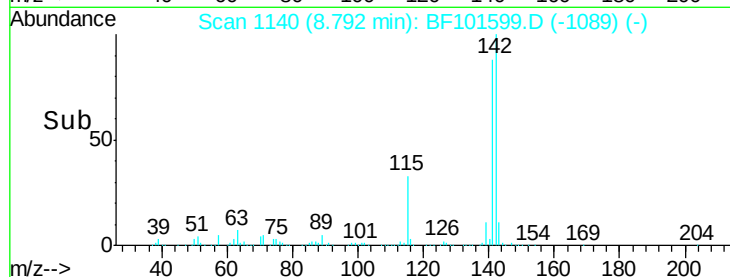
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

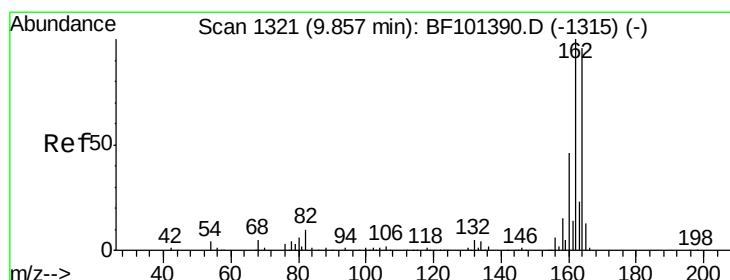
Ion 115.00 (114.70 to 115.70): E

8.79

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

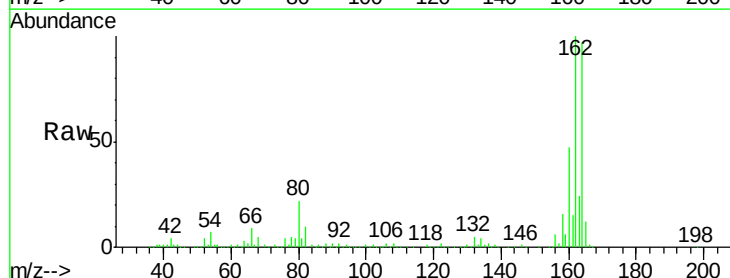
Tgt Ion:164 Resp: 264952

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

160 48.2 38.3 57.5



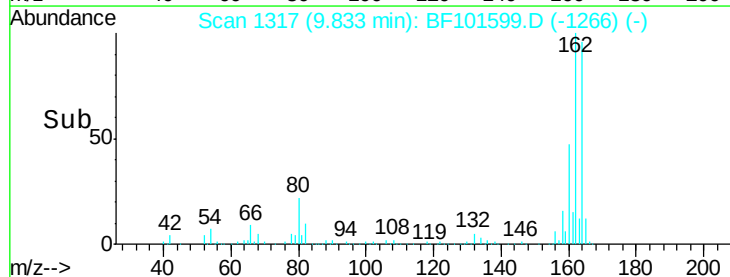
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

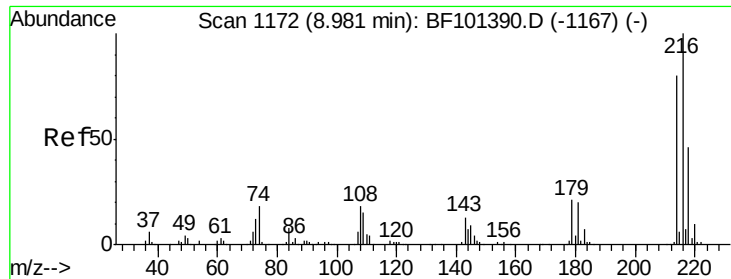
Ion 160.00 (159.70 to 160.70): E

9.83

Time-->



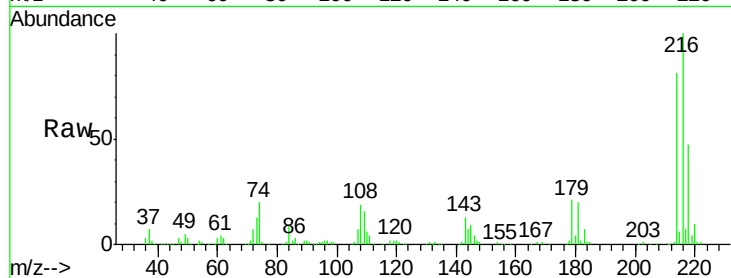
Time-->



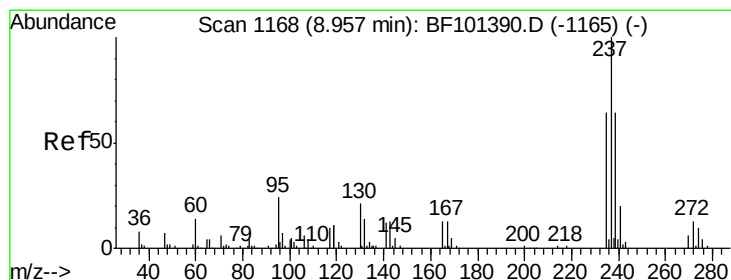
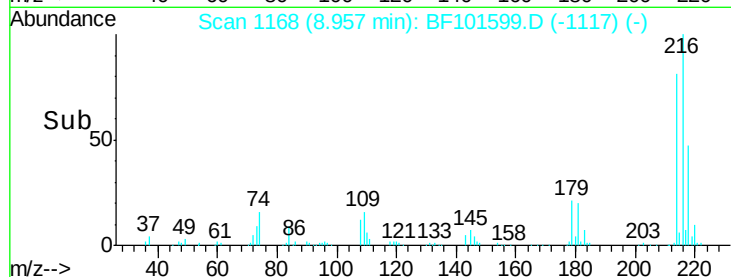
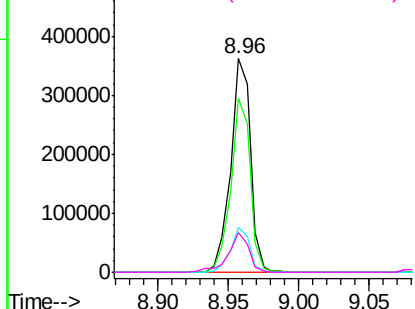
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.669 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

Tgt Ion:	216	Resp:	354861
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.4	18.1	27.1
108	19.1	17.2	25.8

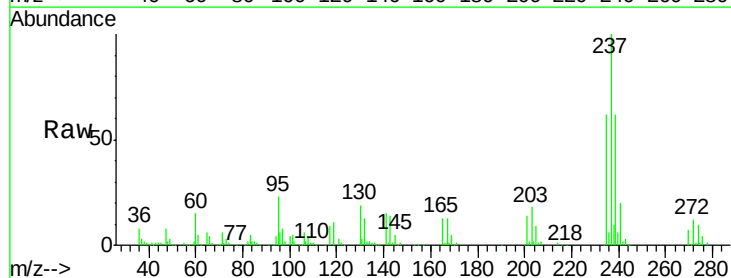


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

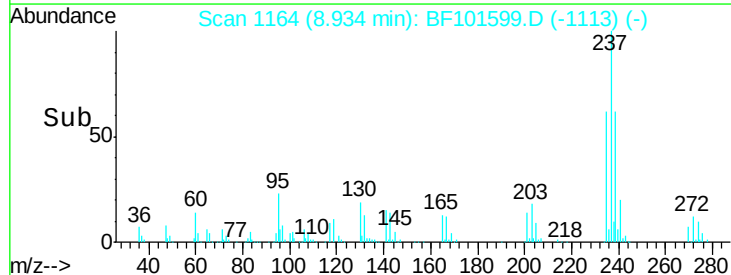
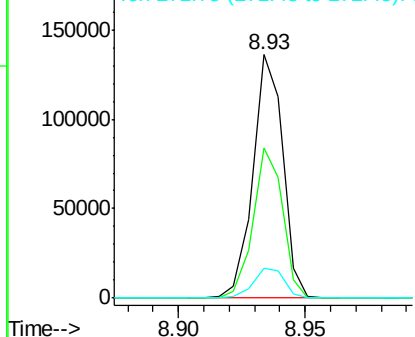


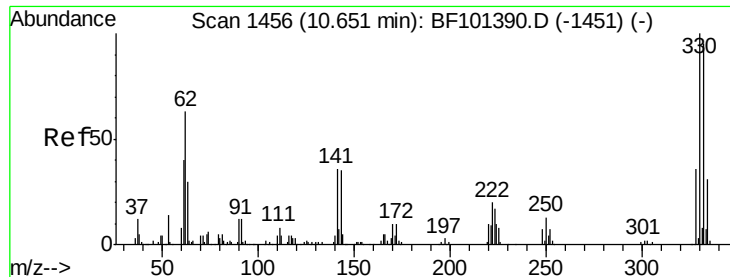
#40
 Hexachlorocyclopentadiene
 Concen: 65.128 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:	237	Resp:	111914
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.8	84.8
272	12.1	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

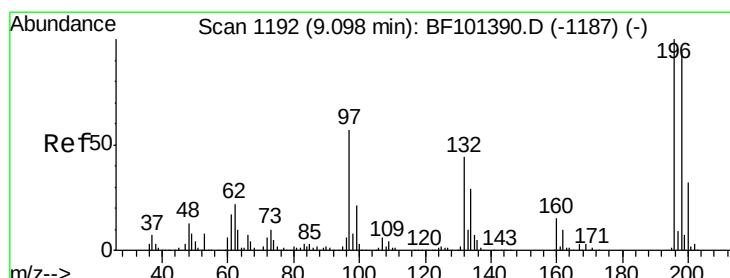
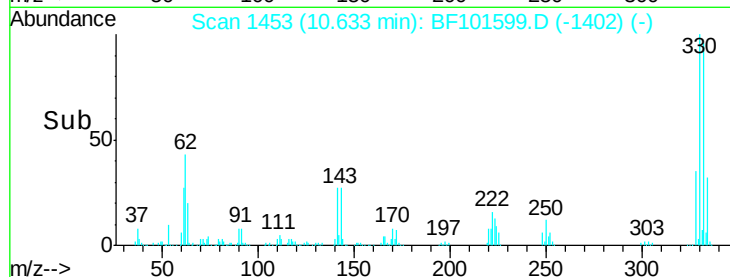
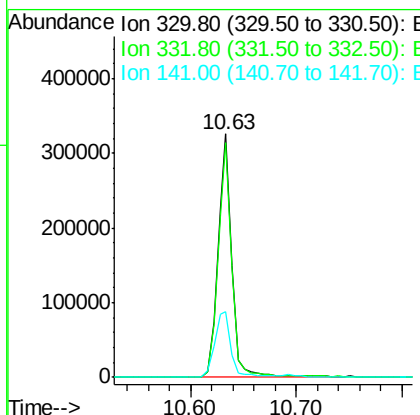
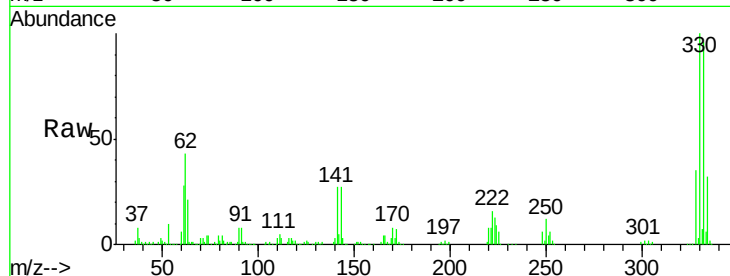




#41
 2,4,6-Tribromophenol
 Concen: 118.790 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

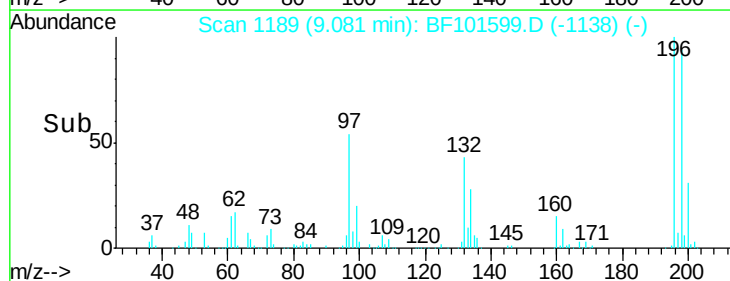
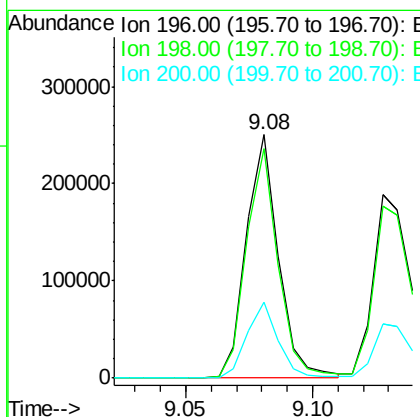
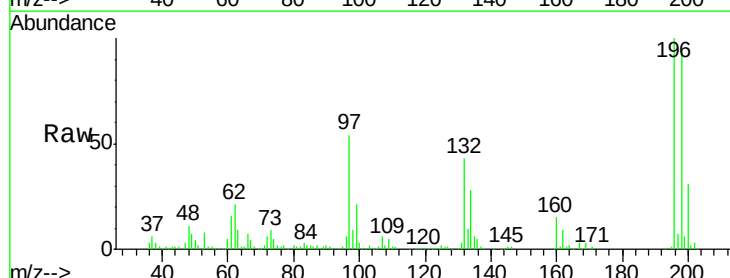
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

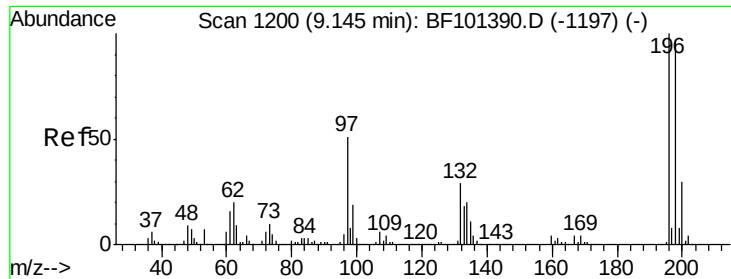
Tgt Ion:330 Resp: 303274
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 31.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.109 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:196 Resp: 221391
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 31.1 24.5 36.7

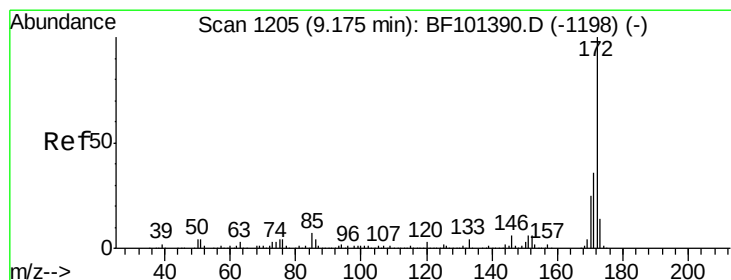
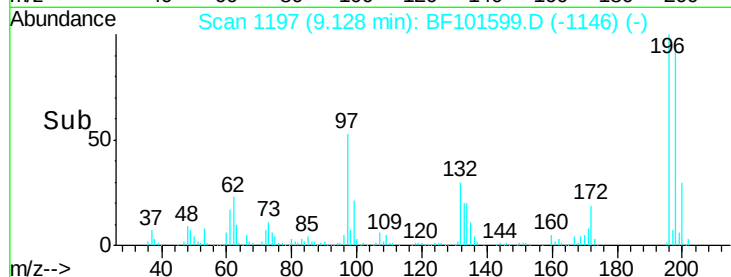
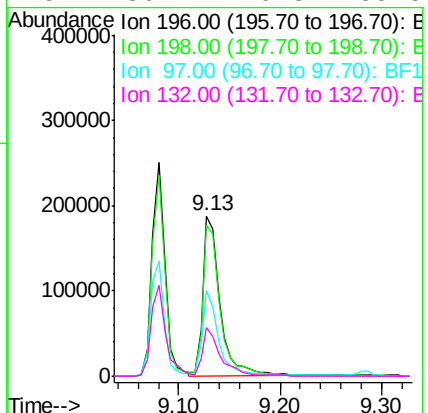
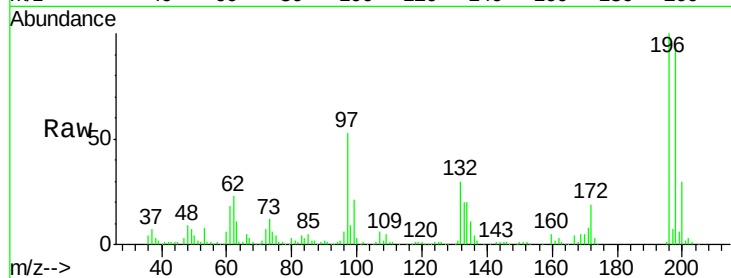




#43
 2,4,5-Trichlorophenol
 Concen: 37.867 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

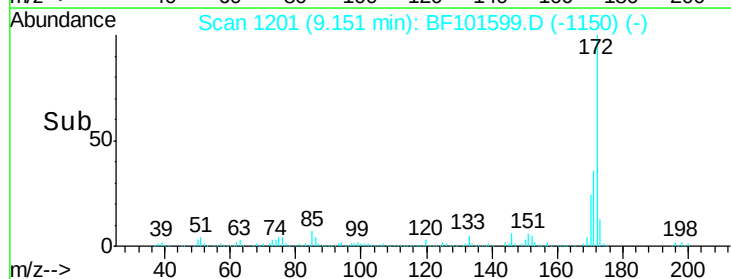
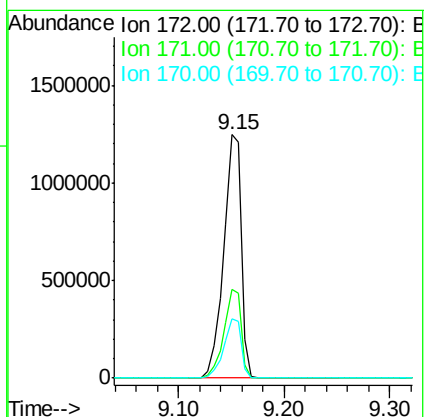
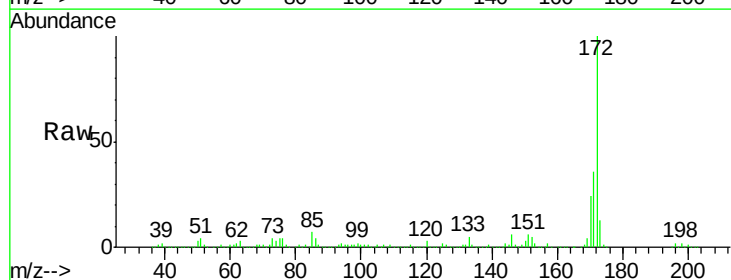
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

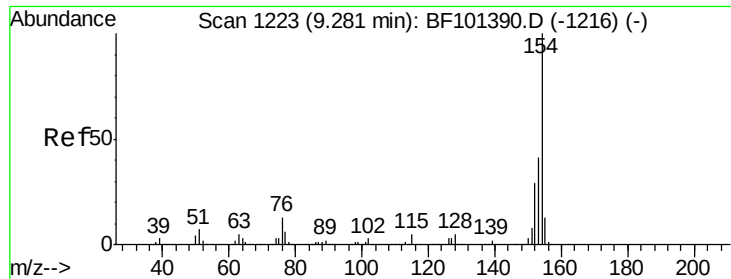
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.6	112.0
97	53.2	42.9	64.3
132	30.2	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 84.158 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

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

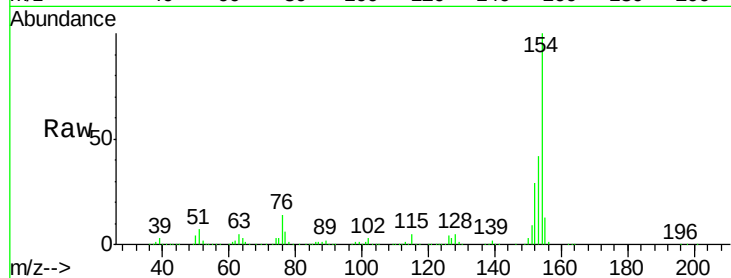




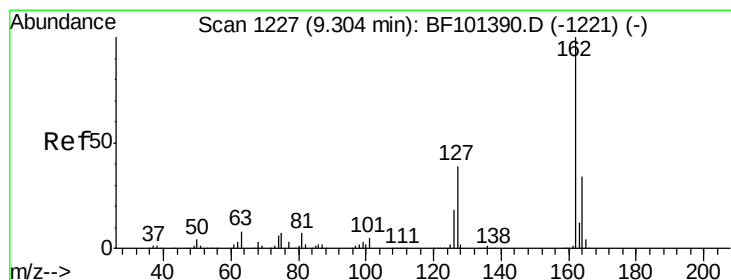
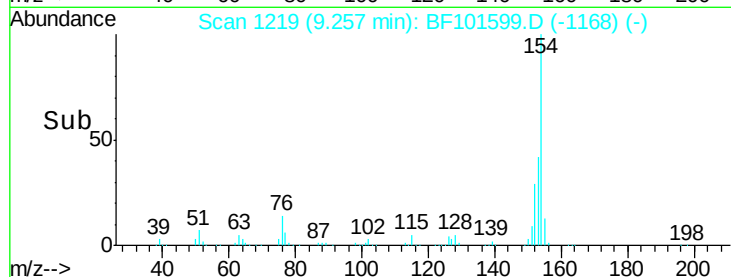
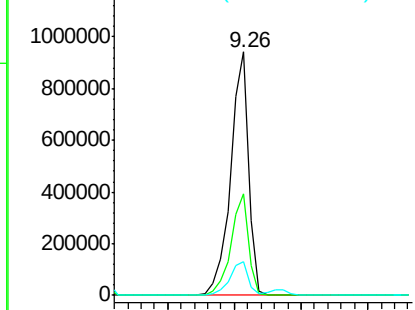
#45
 1,1'-Biphenyl
 Concen: 38.185 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

Tgt Ion:154 Resp: 897245
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 13.6 0.0 34.0

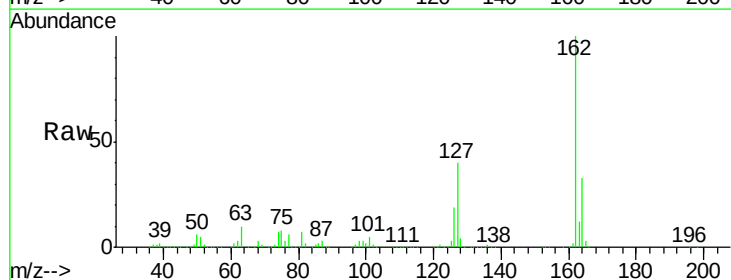


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

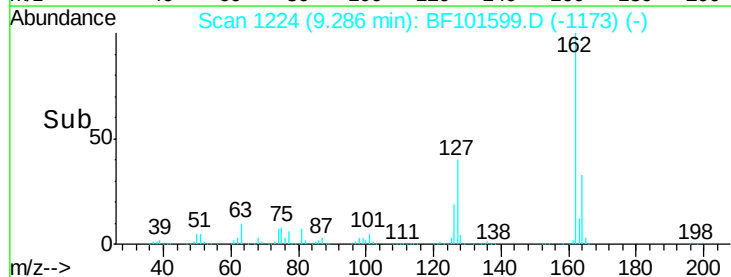
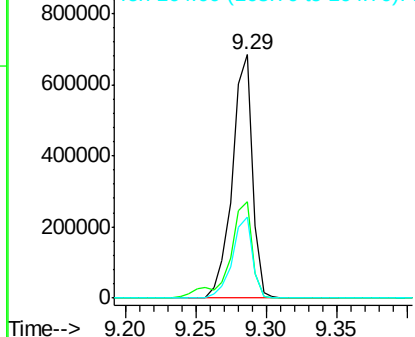


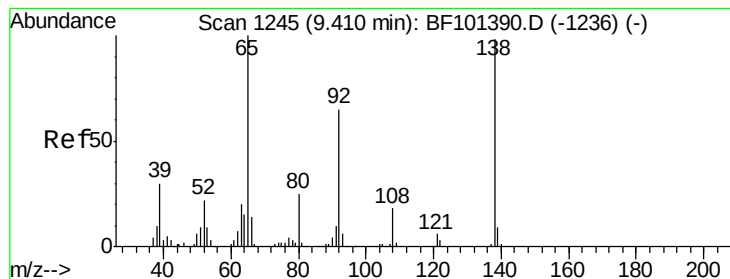
#46
 2-Chloronaphthalene
 Concen: 37.709 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:162 Resp: 677970
 Ion Ratio Lower Upper
 162 100
 127 39.6 33.9 50.9
 164 33.1 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: 40.334 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

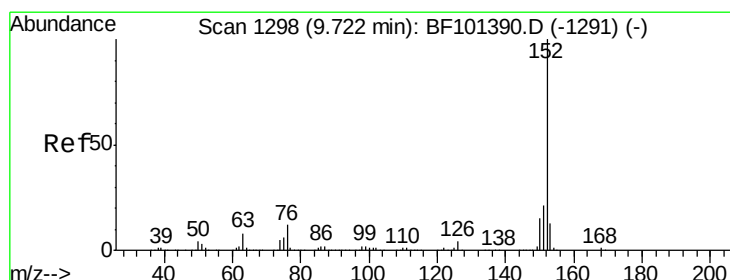
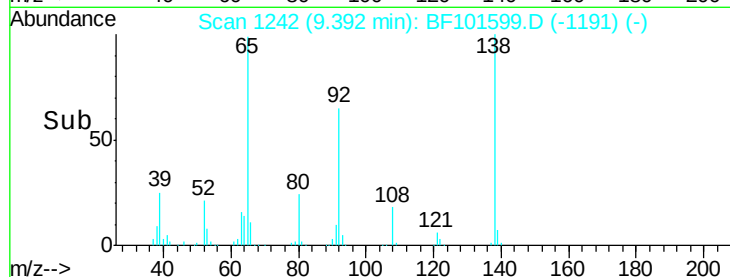
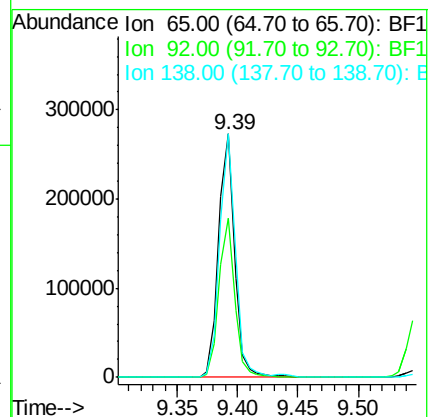
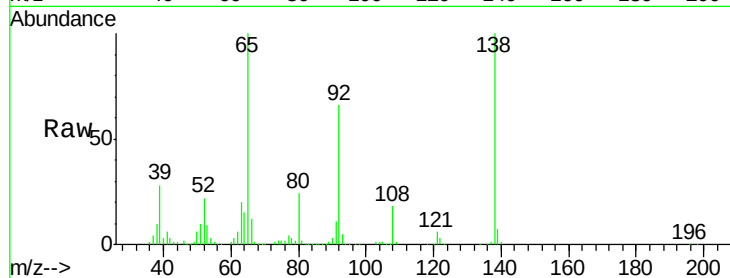
Tgt Ion: 65 Resp: 250514

Ion Ratio Lower Upper

65 100

92 65.5 55.8 83.6

138 100.0 91.2 136.8



#48

Acenaphthylene

Concen: 35.143 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

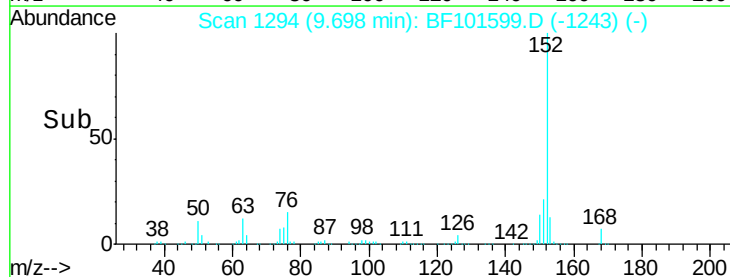
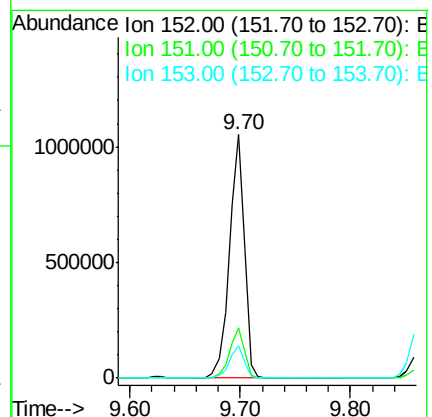
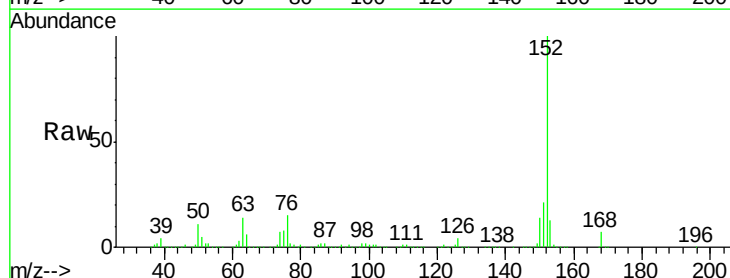
Tgt Ion: 152 Resp: 997966

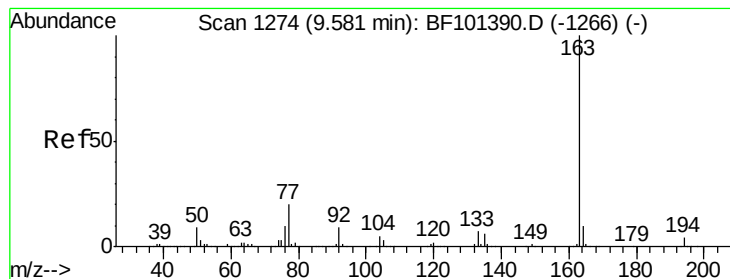
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 35.390 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

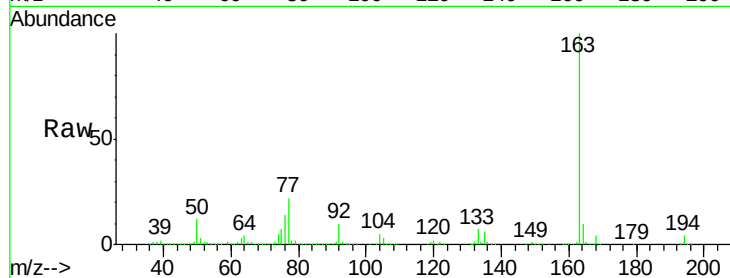
Tgt Ion:163 Resp: 754215

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

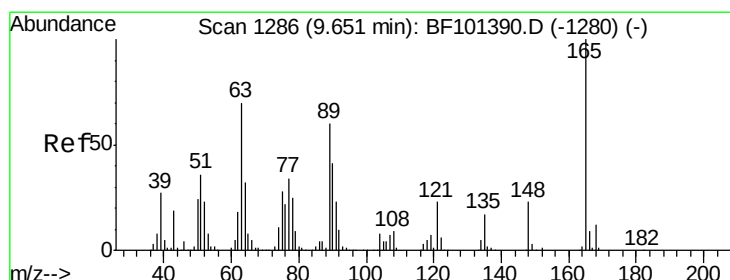
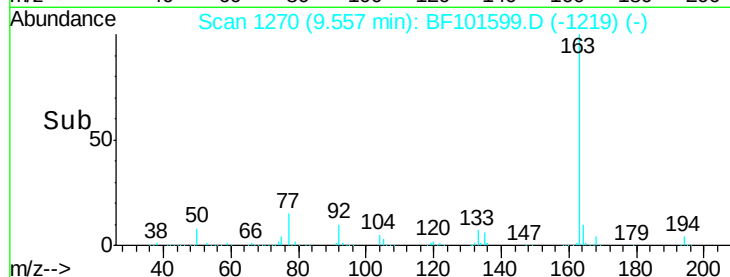
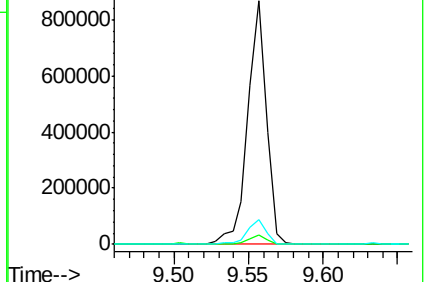
164 10.3 8.2 12.2



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: 39.455 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

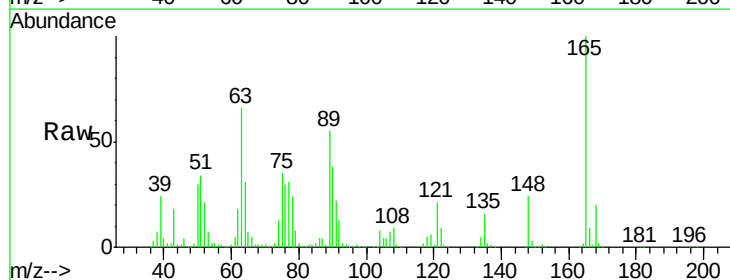
Tgt Ion:165 Resp: 170898

Ion Ratio Lower Upper

165 100

63 66.0 44.7 67.1

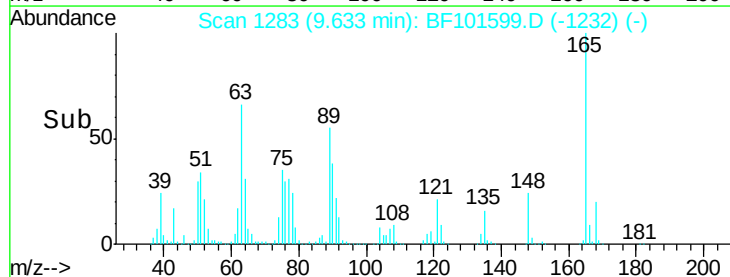
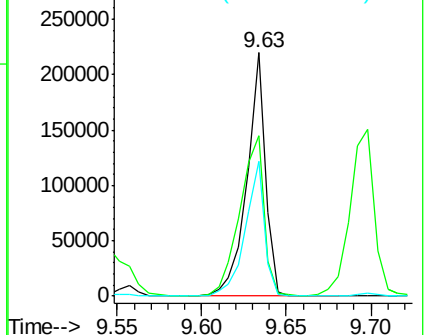
89 55.4 44.0 66.0

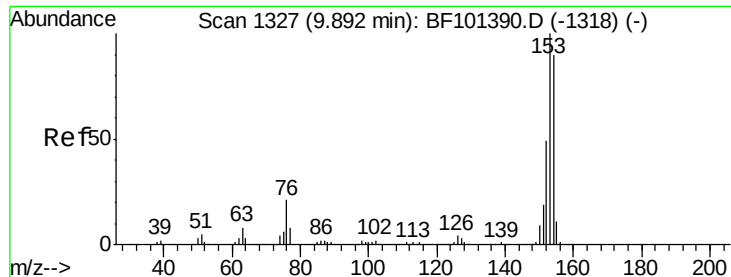


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.810 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

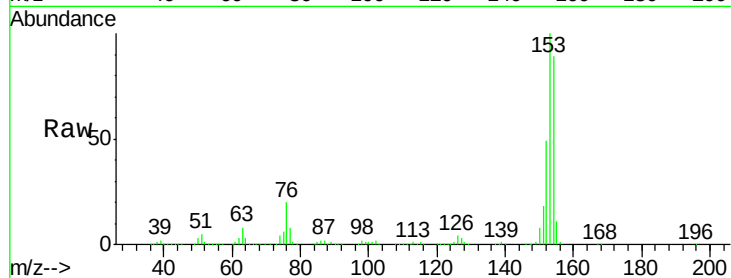
Tgt Ion:154 Resp: 610955

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

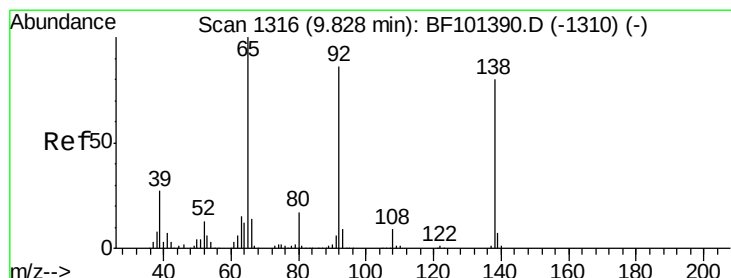
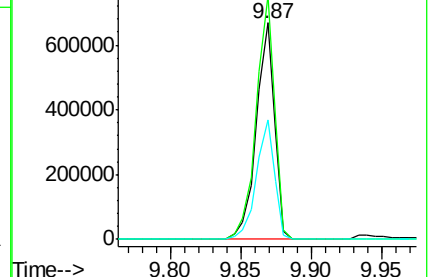
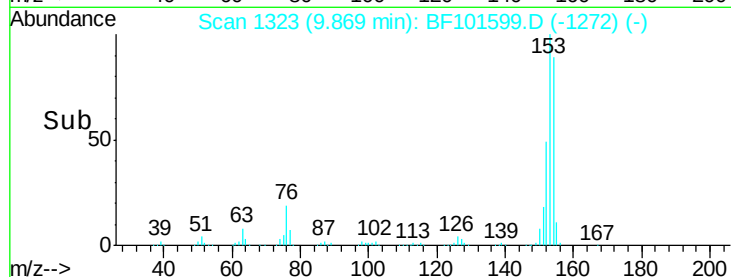
152 55.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.331 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

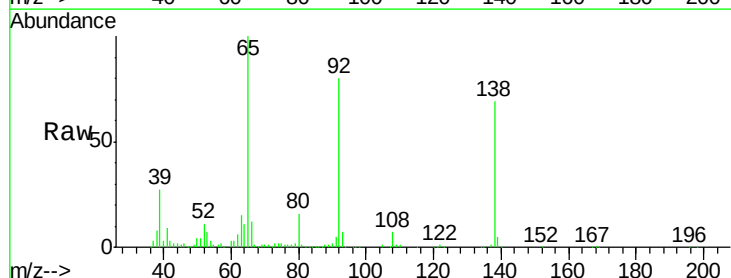
Tgt Ion:138 Resp: 93591

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

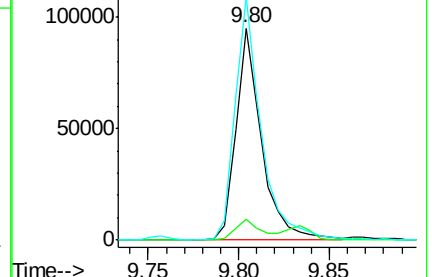
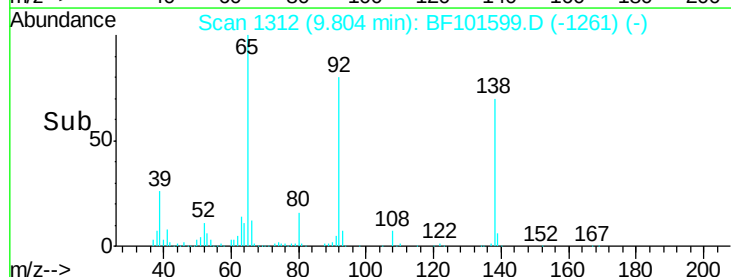
92 115.0 89.4 134.2

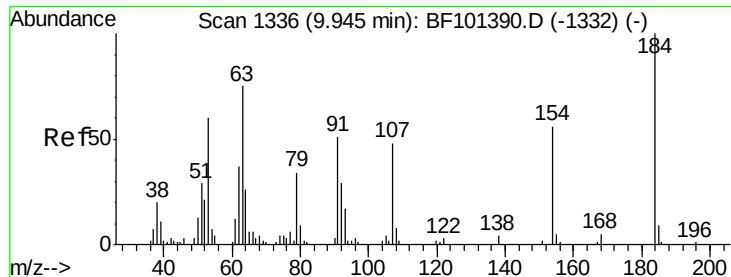


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

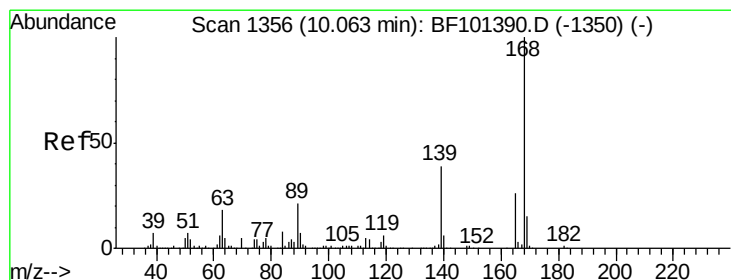
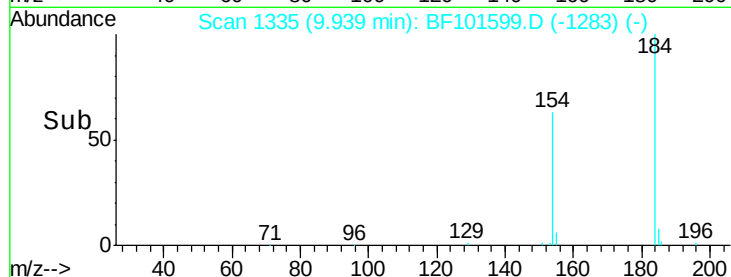
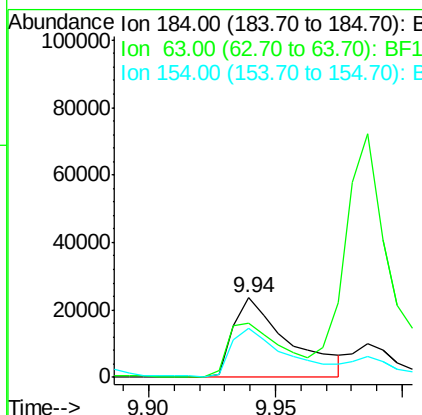
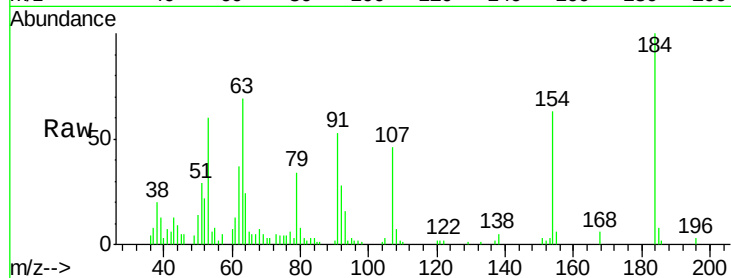




#53
2,4-Dinitrophenol
Concen: 31.163 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

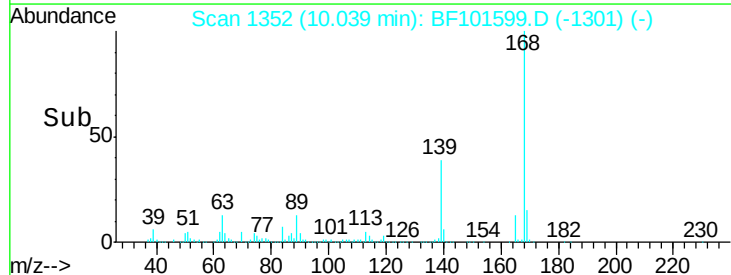
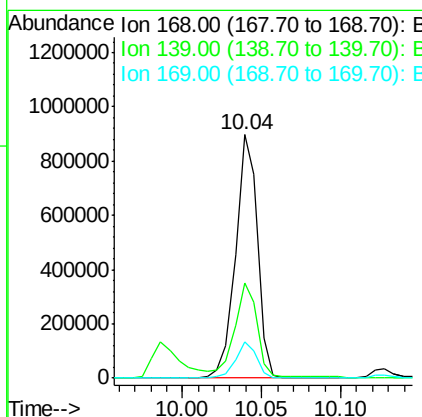
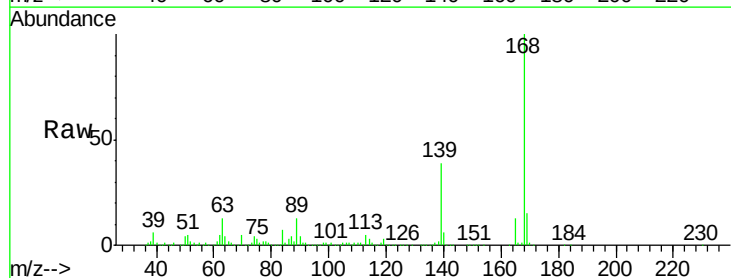
Instrument :
BNA_F
ClientSampleId :
PB105170BS

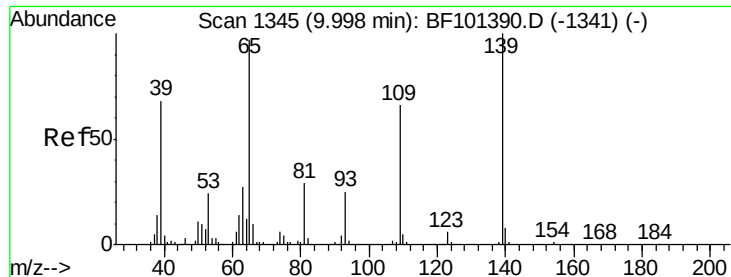
Tgt Ion:184 Resp: 36101
Ion Ratio Lower Upper
184 100
63 69.1 54.2 81.2
154 62.6 184.0 276.0#



#54
Dibenzofuran
Concen: 39.425 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion:168 Resp: 854811
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 14.9 10.9 16.3

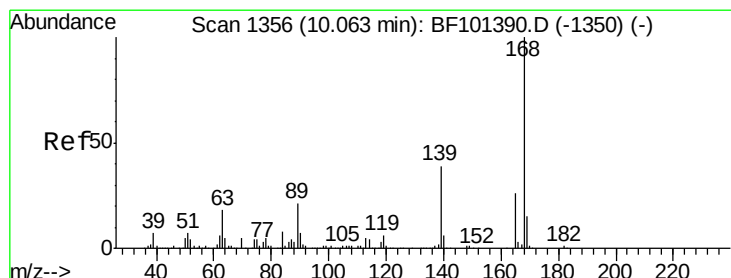
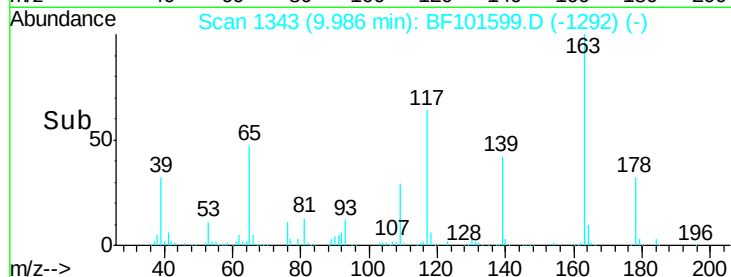
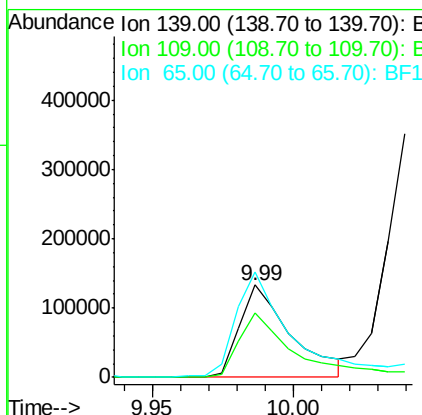
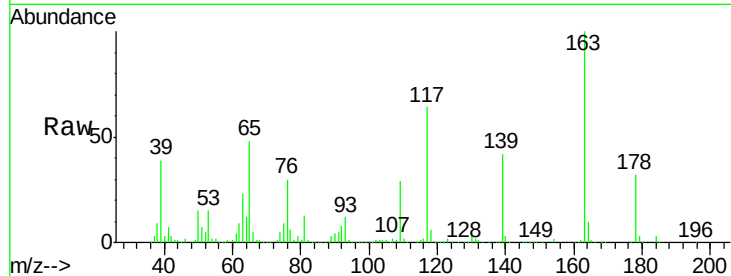




#55
4-Nitrophenol
Concen: 70.774 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

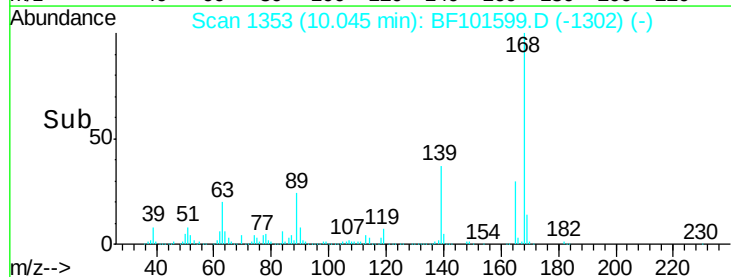
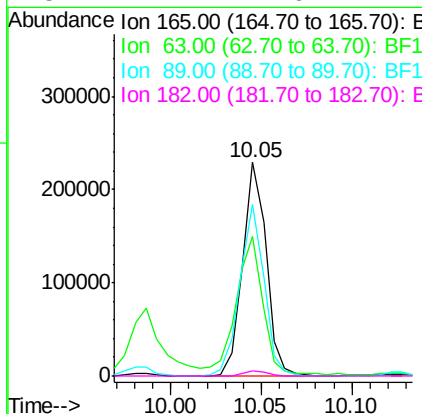
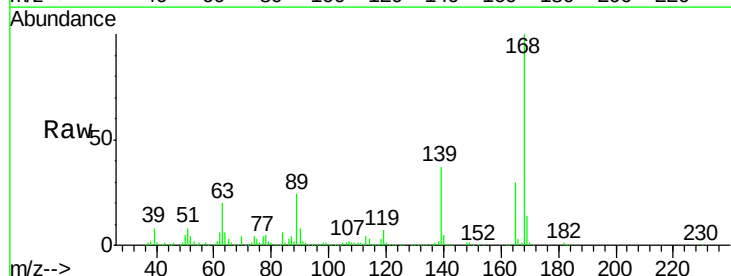
Instrument :
BNA_F
ClientSampleId :
PB105170BS

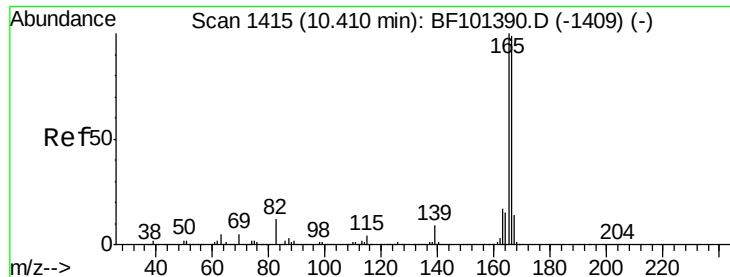
Tgt Ion:139 Resp: 166656
Ion Ratio Lower Upper
139 100
109 69.9 48.4 88.4
65 114.6 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 42.591 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion:165 Resp: 207851
Ion Ratio Lower Upper
165 100
63 65.3 36.4 54.6#
89 80.5 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 38.262 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

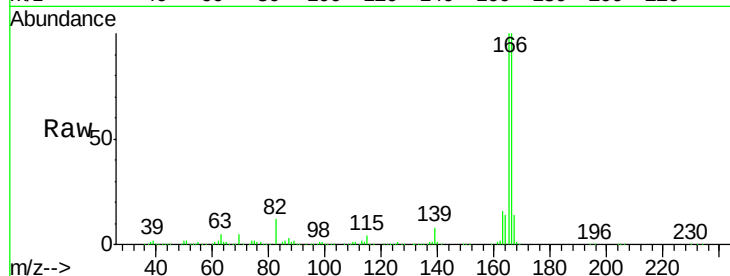
Tgt Ion:166 Resp: 701791

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

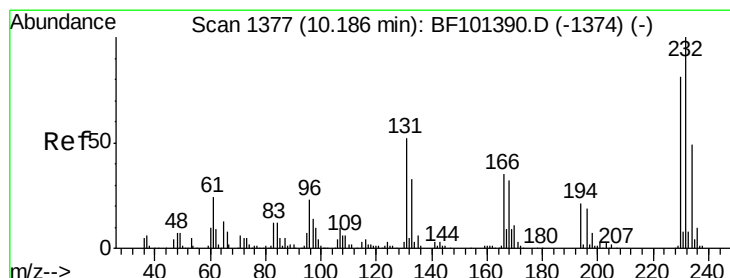
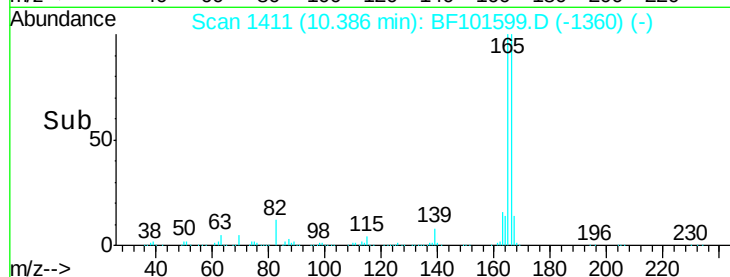
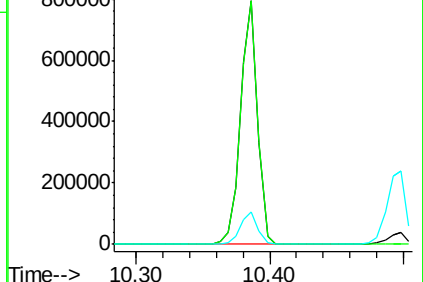
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.850 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Tgt Ion:232 Resp: 173062

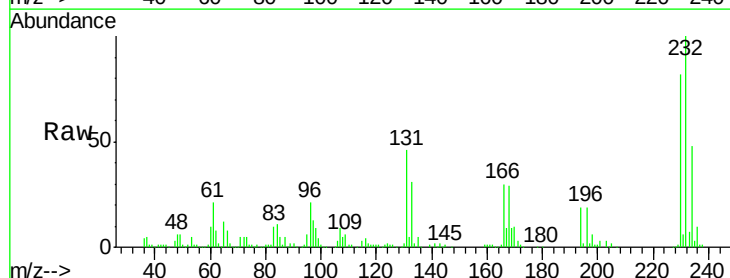
Ion Ratio Lower Upper

232 100

131 45.4 43.8 65.8

130 2.7 2.1 3.1

166 29.6 27.8 41.6

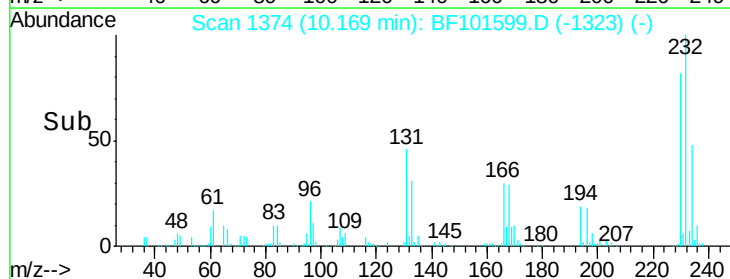
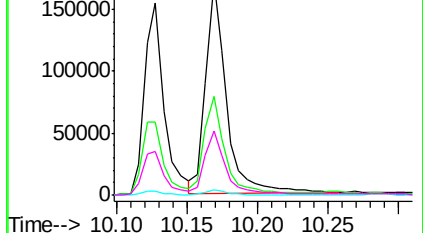


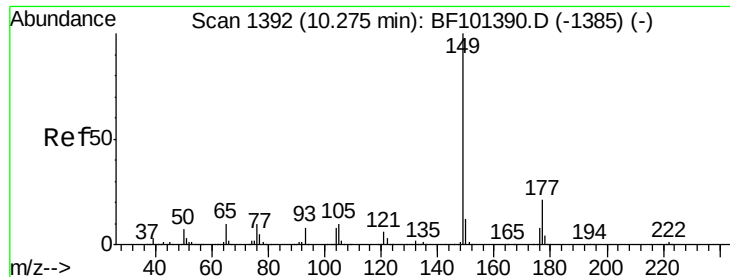
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.092 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

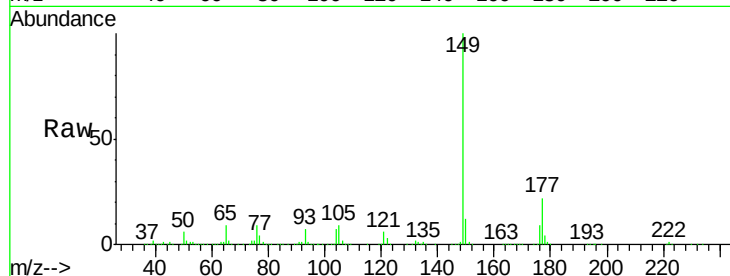
Tgt Ion:149 Resp: 782806

Ion Ratio Lower Upper

149 100

177 22.0 16.1 24.1

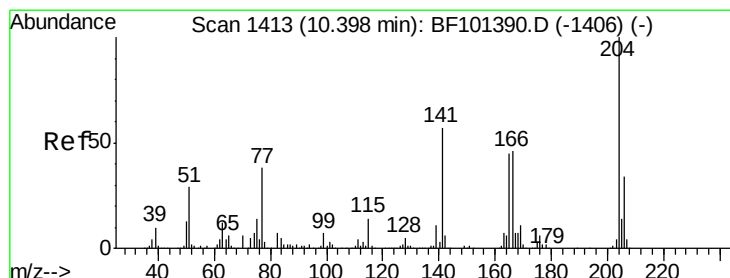
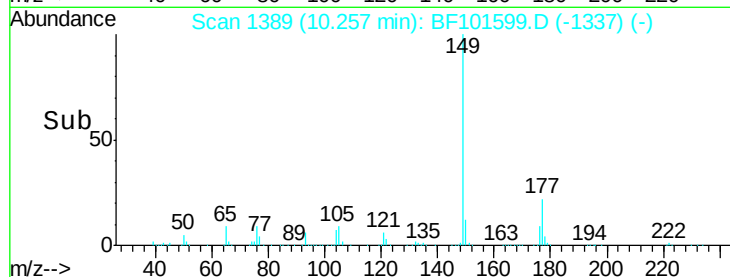
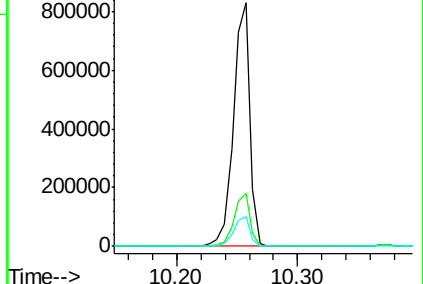
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.108 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

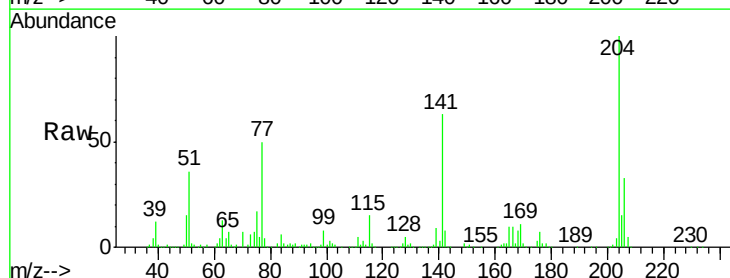
Tgt Ion:204 Resp: 343777

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

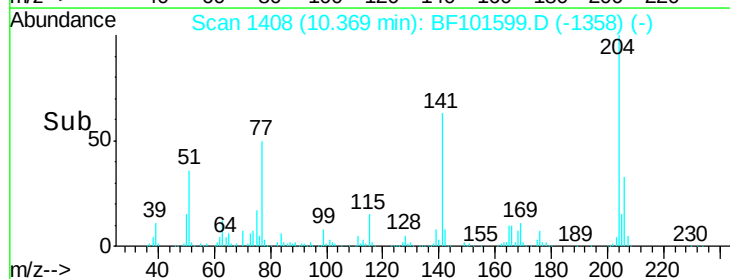
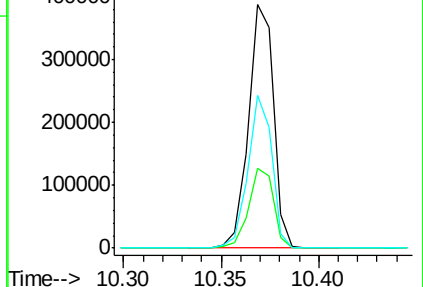
141 62.7 54.6 81.8

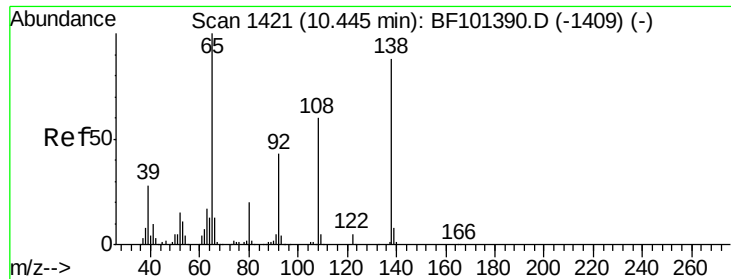


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

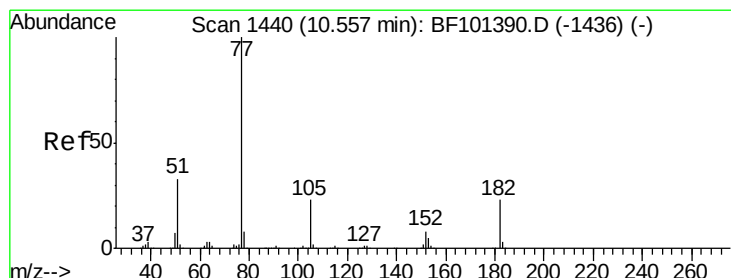
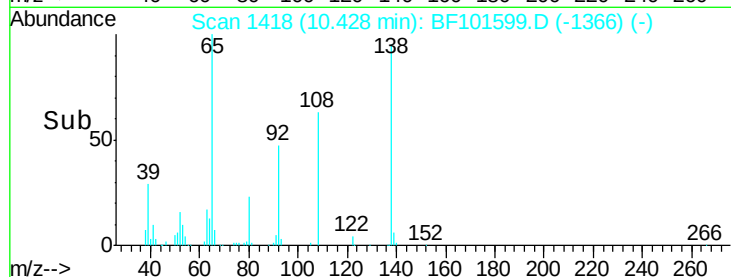
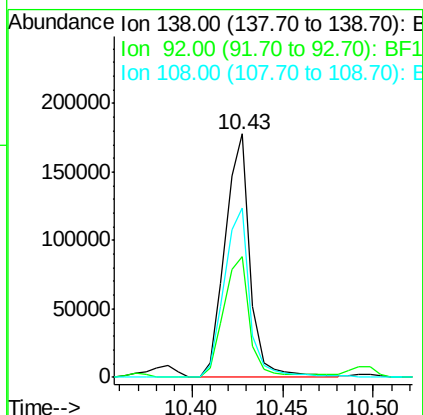
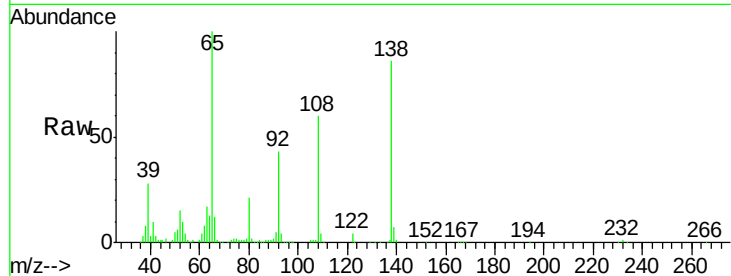




#61
4-Nitroaniline
Concen: 31.278 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

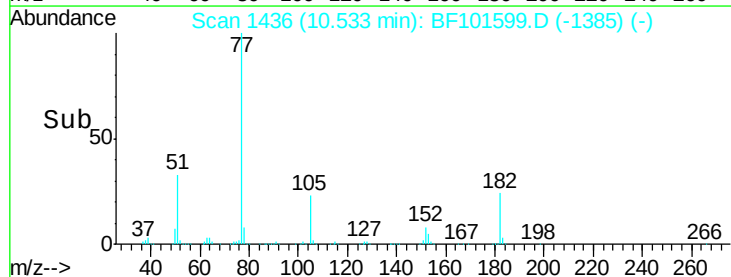
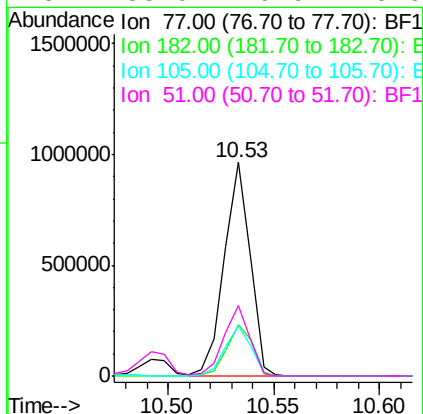
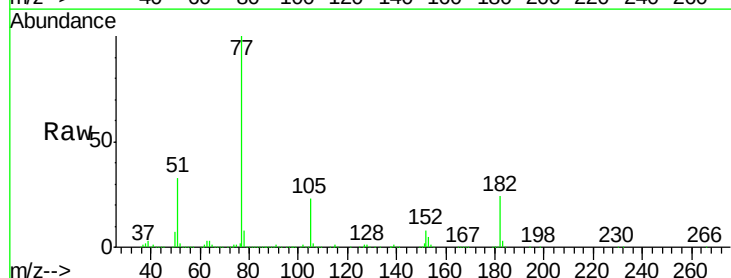
Instrument :
BNA_F
ClientSampleId :
PB105170BS

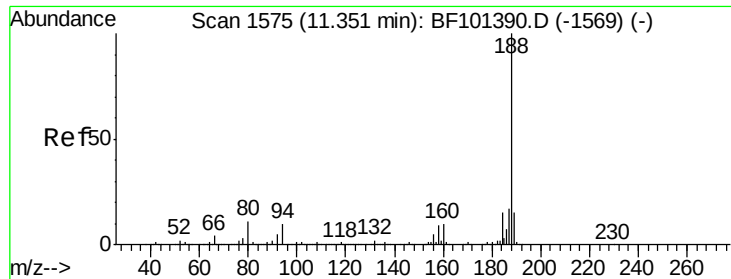
Tgt Ion:138 Resp: 169777
Ion Ratio Lower Upper
138 100
92 49.8 30.2 70.2
108 69.4 52.5 92.5



#62
Azobenzene
Concen: 37.196 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion: 77 Resp: 813208
Ion Ratio Lower Upper
77 100
182 23.8 1.7 41.7
105 23.2 3.0 43.0
51 33.0 9.9 49.9

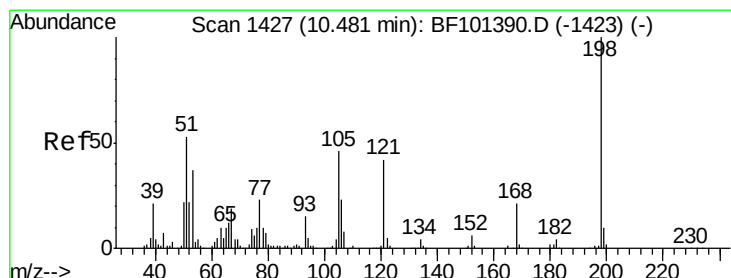
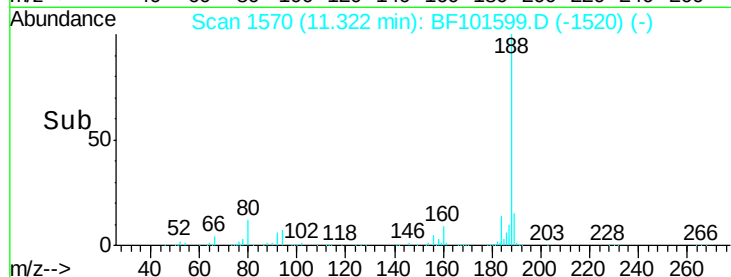
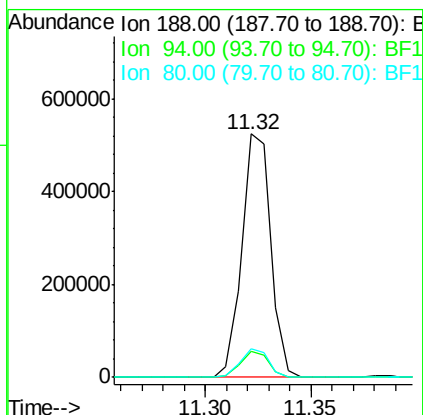
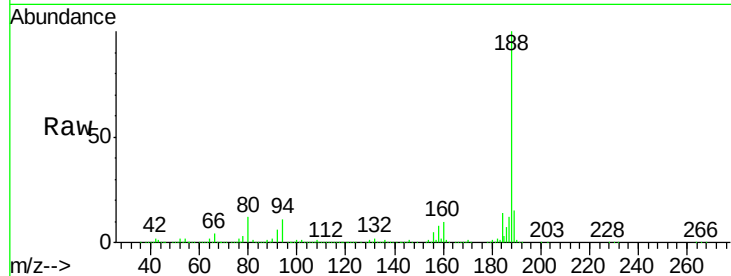




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

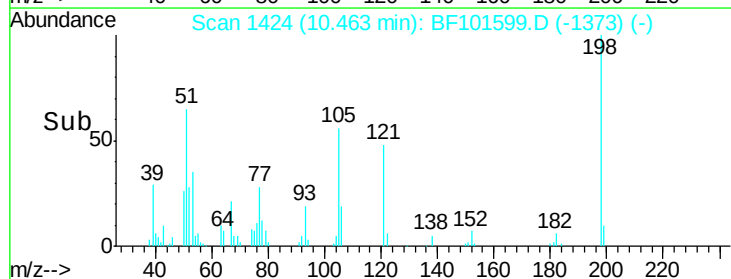
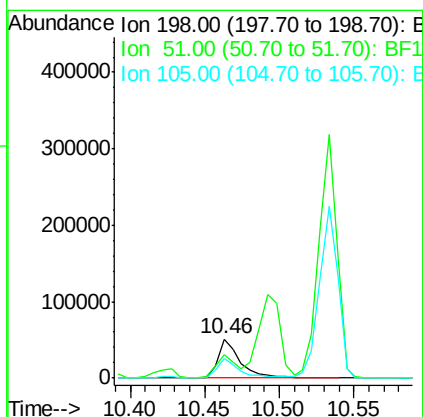
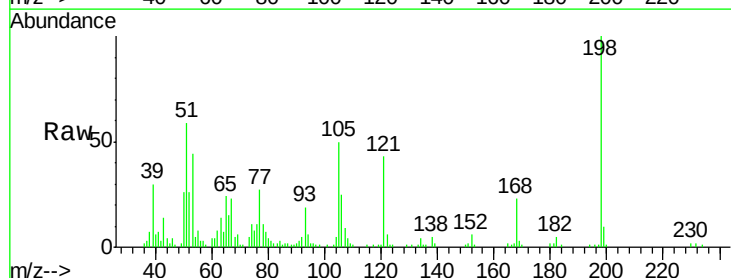
Instrument :
BNA_F
ClientSampleId :
PB105170BS

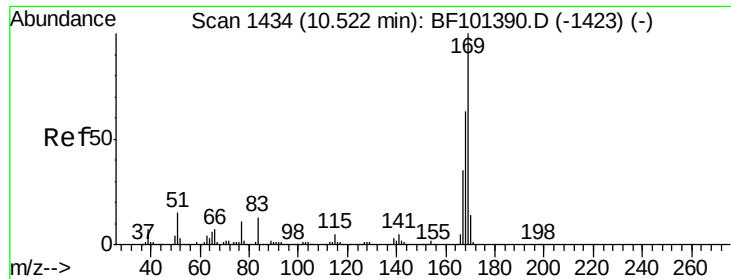
Tgt Ion:188 Resp: 496651
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.212 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion:198 Resp: 53760
Ion Ratio Lower Upper
198 100
51 58.9 37.7 77.7
105 49.6 36.3 76.3

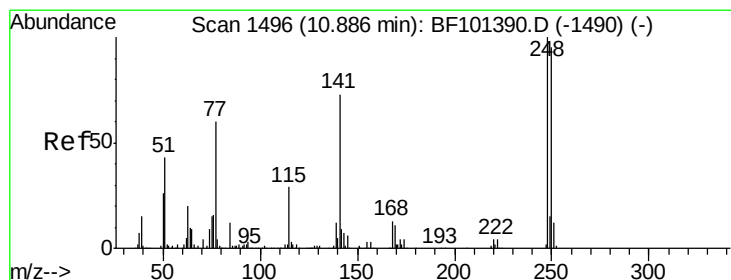
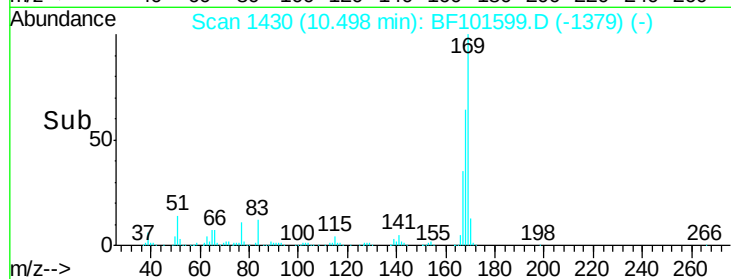
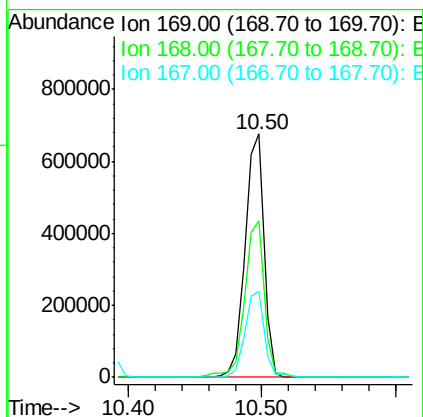
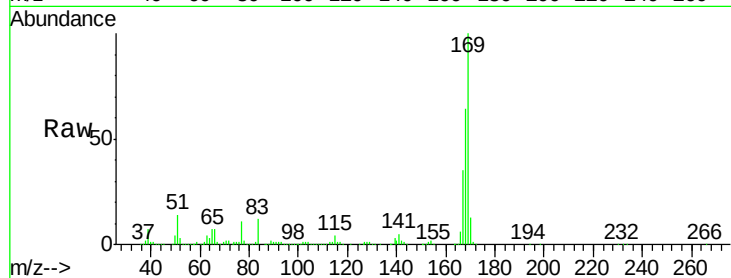




#65
 n-Nitrosodiphenylamine
 Concen: 35.918 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

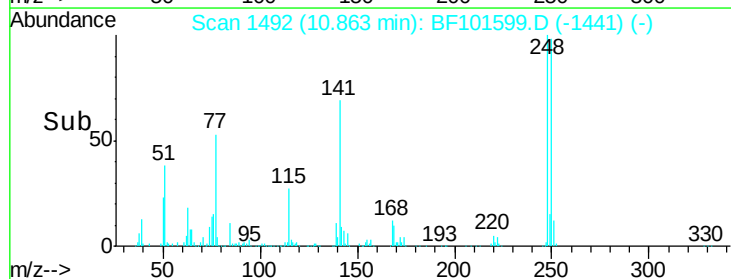
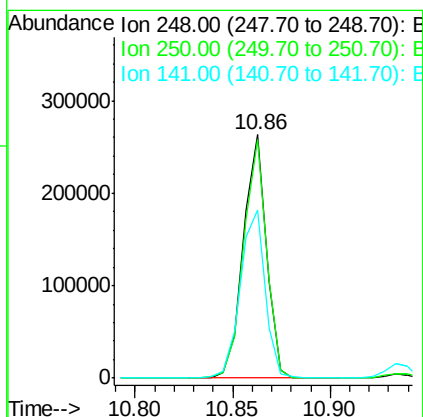
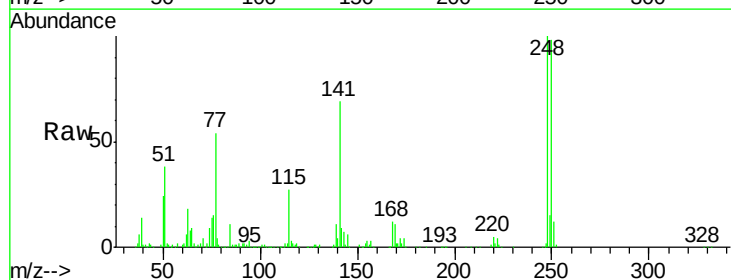
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

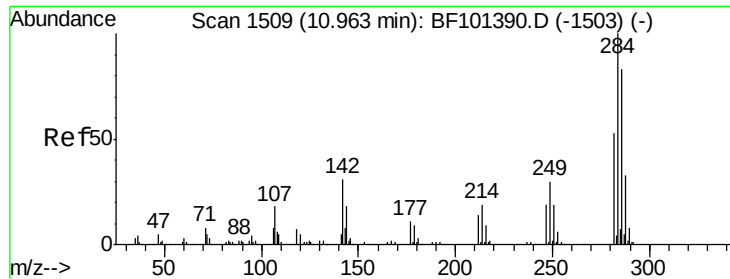
Tgt Ion:169 Resp: 658678
 Ion Ratio Lower Upper
 169 100
 168 64.5 54.4 81.6
 167 35.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.866 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:248 Resp: 216890
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.9 115.3
 141 69.2 74.4 111.6#

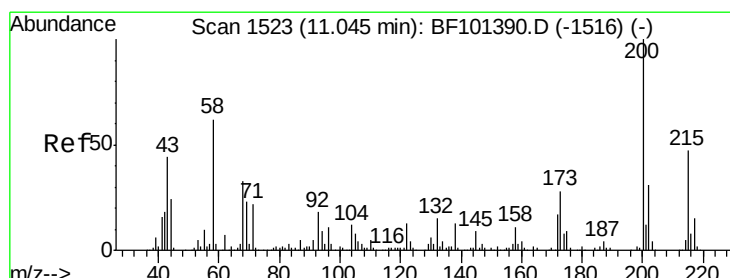
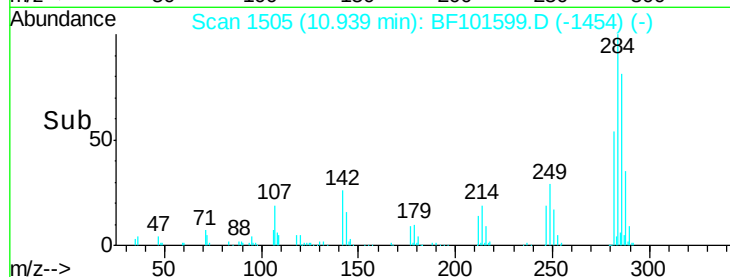
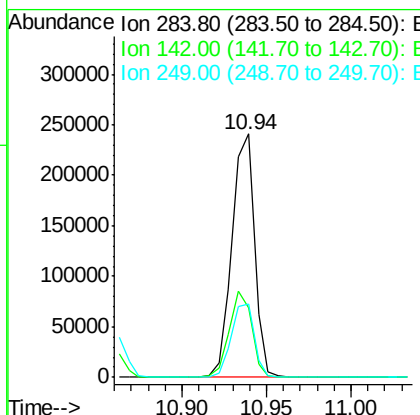
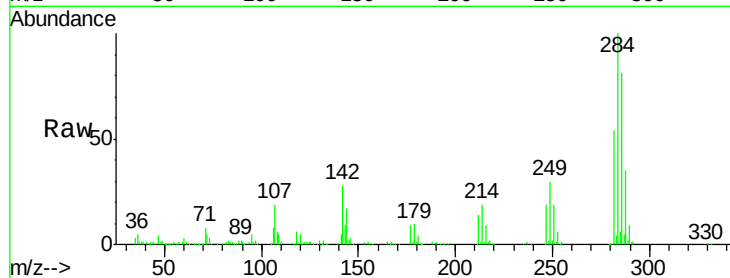




#67
Hexachlorobenzene
Concen: 37.841 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

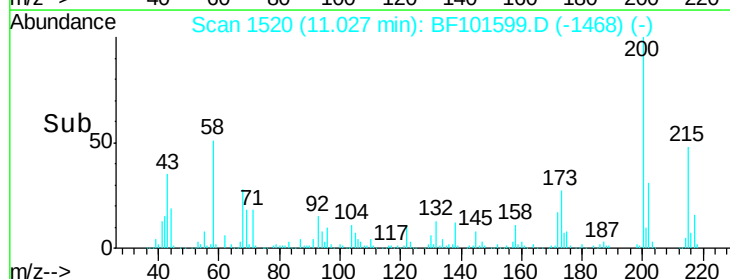
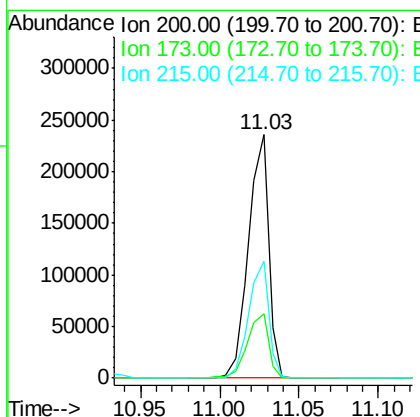
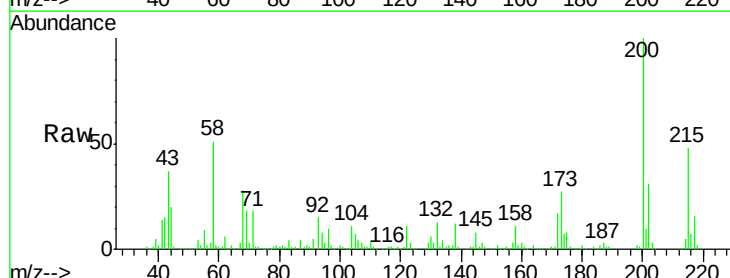
Instrument :
BNA_F
ClientSampleId :
PB105170BS

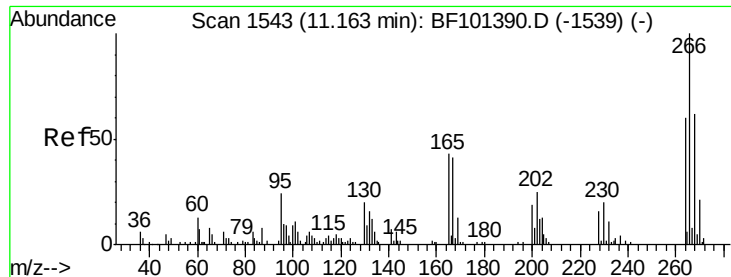
Tgt Ion:284 Resp: 223498
Ion Ratio Lower Upper
284 100
142 28.4 34.6 52.0#
249 30.0 24.8 37.2



#68
Atrazine
Concen: 38.379 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion:200 Resp: 209863
Ion Ratio Lower Upper
200 100
173 26.5 8.6 48.6
215 47.9 25.1 65.1

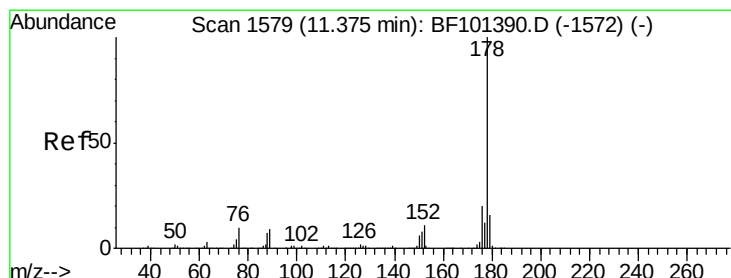
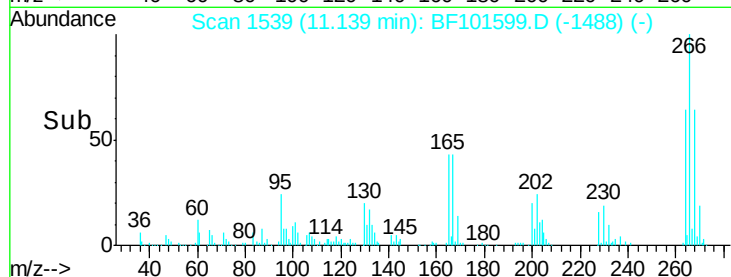
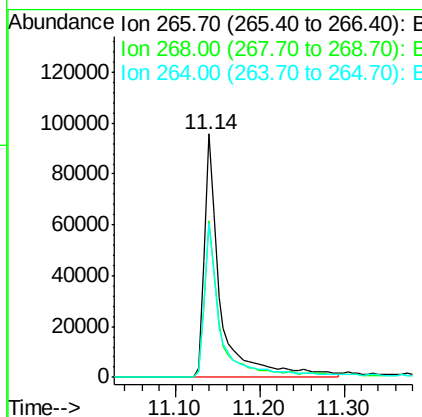
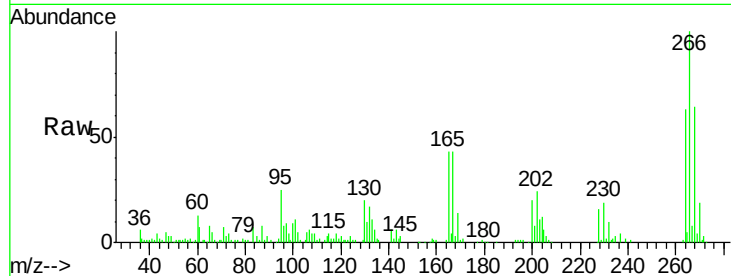




#69
 Pentachlorophenol
 Concen: 57.872 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

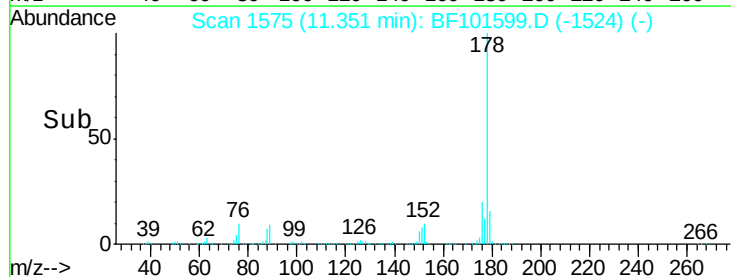
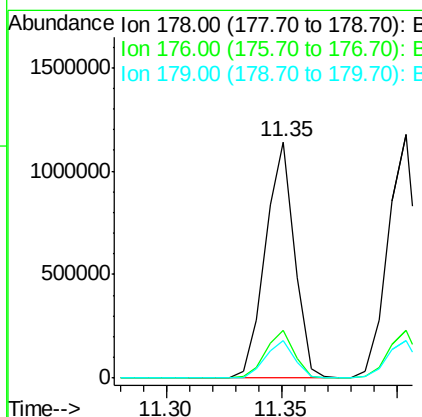
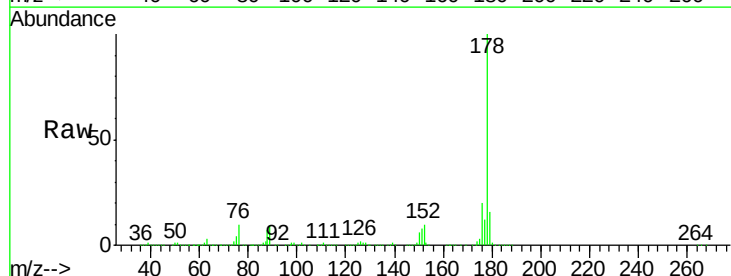
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

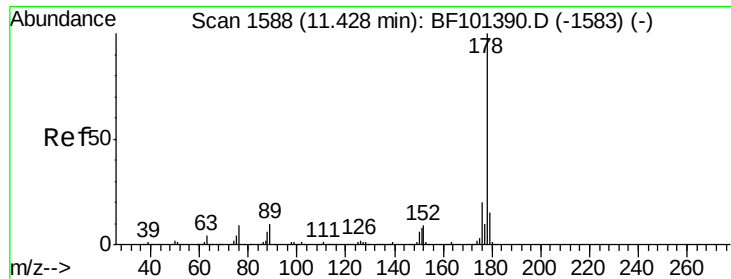
Tgt Ion:266 Resp: 128384
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 36.181 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:178 Resp: 999288
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.7 13.0 19.6

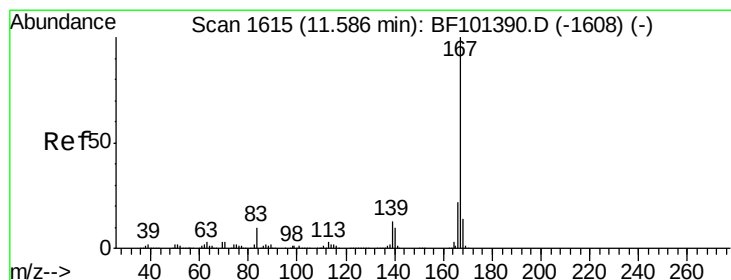
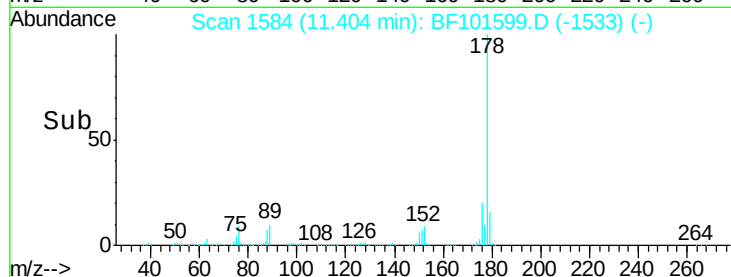
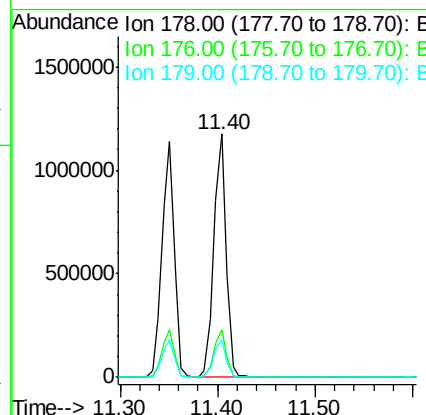
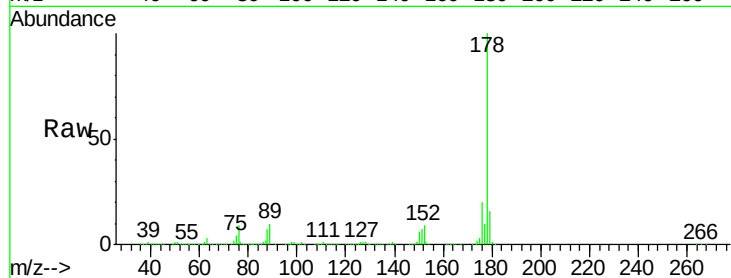




#71
 Anthracene
 Concen: 36.515 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

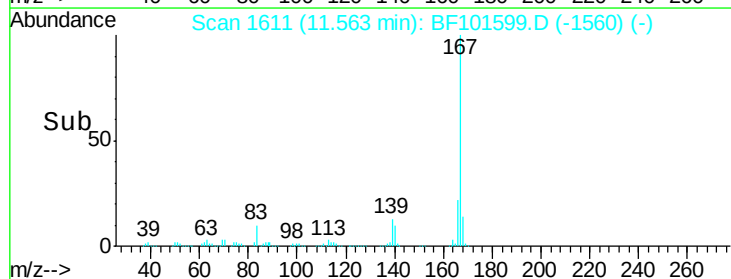
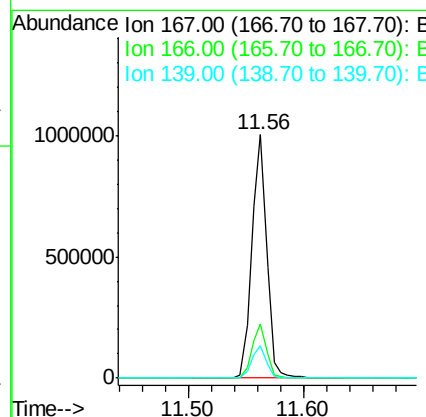
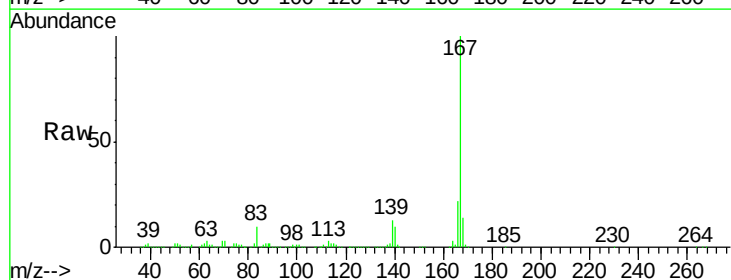
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

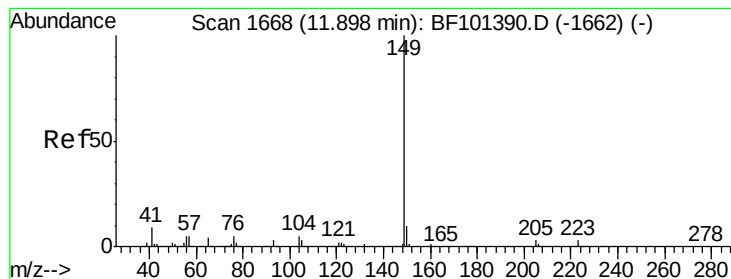
Tgt Ion:178 Resp: 1030180
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 33.647 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:167 Resp: 888769
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.081 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

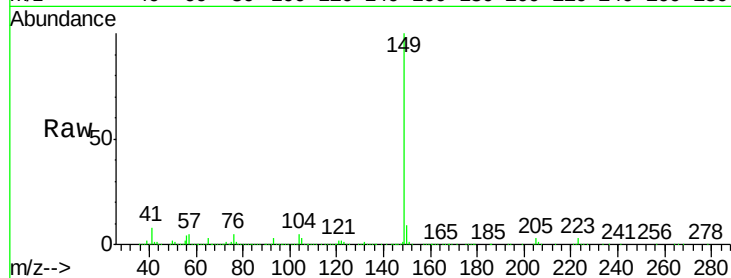
Tgt Ion:149 Resp: 1188823

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

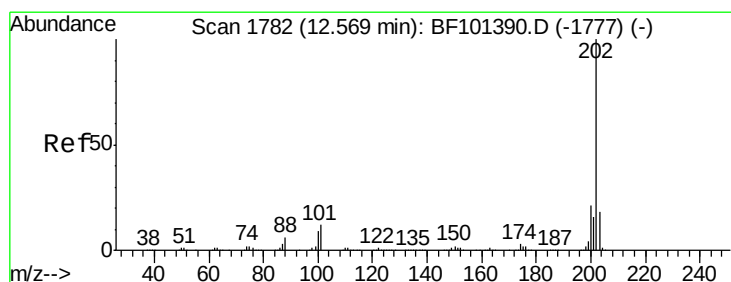
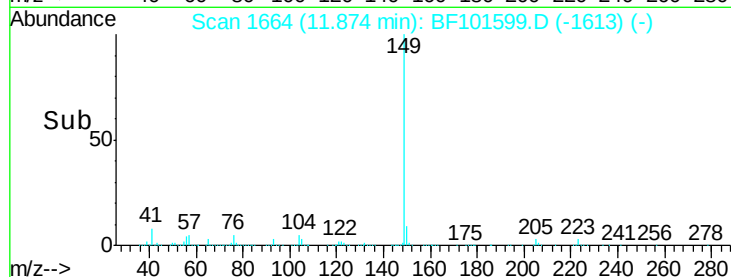
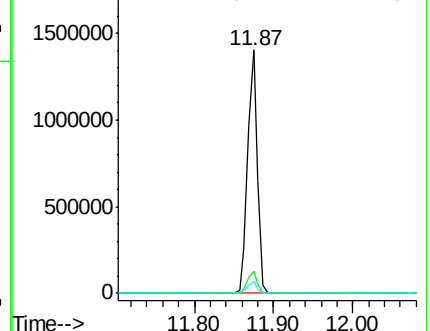
104 4.7 3.8 5.8



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: 33.969 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

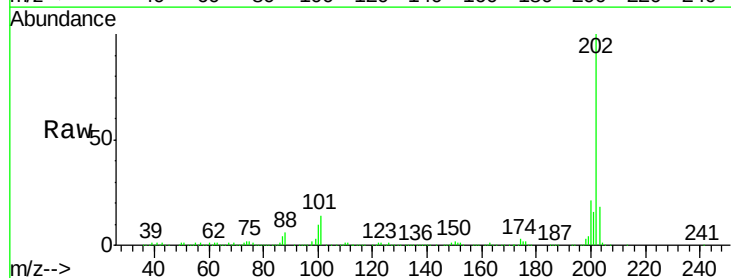
Tgt Ion:202 Resp: 984777

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

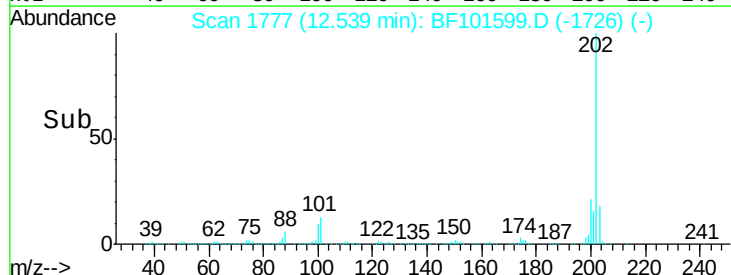
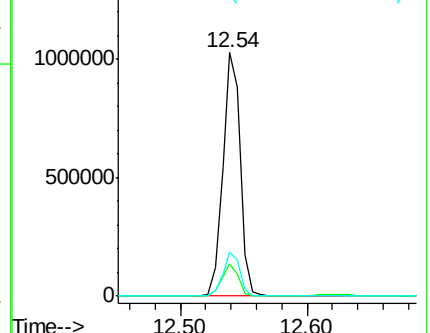
203 17.8 0.0 38.1

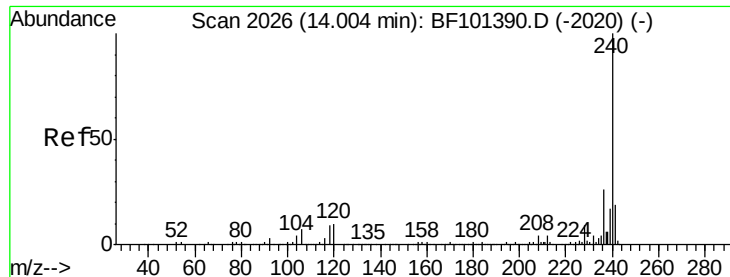


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

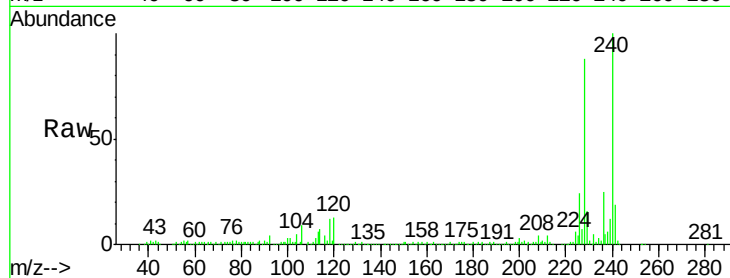
Tgt Ion:240 Resp: 270267

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

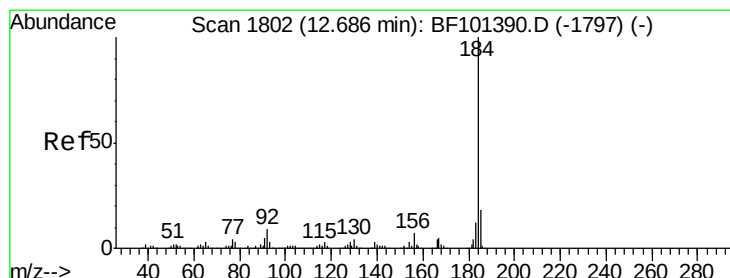
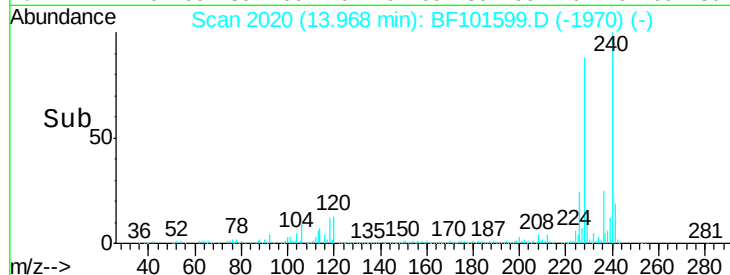
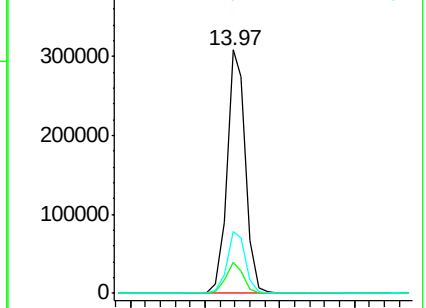
236 25.3 20.7 31.1



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: 10.911 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

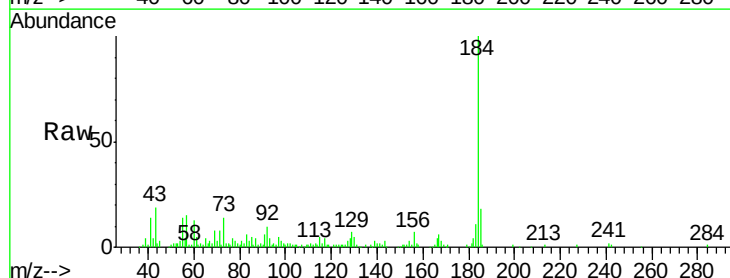
Tgt Ion:184 Resp: 124541

Ion Ratio Lower Upper

184 100

185 17.5 12.6 18.8

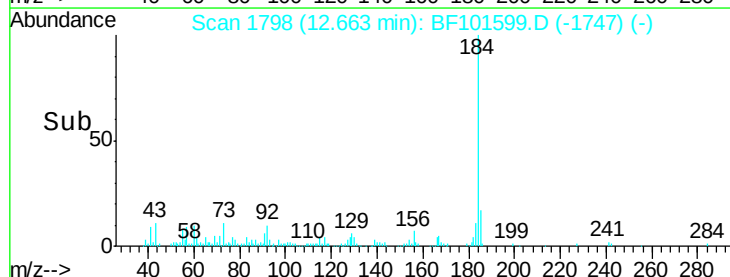
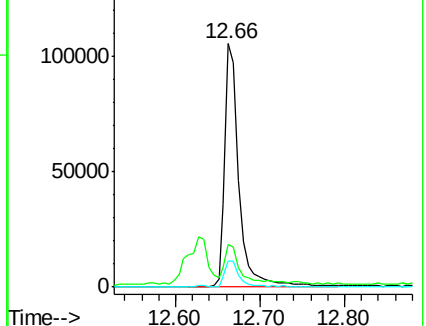
183 10.9 9.3 13.9

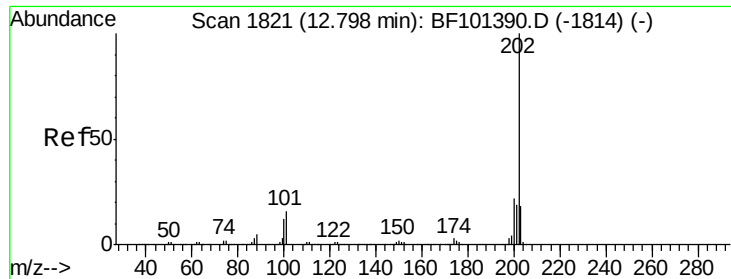


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

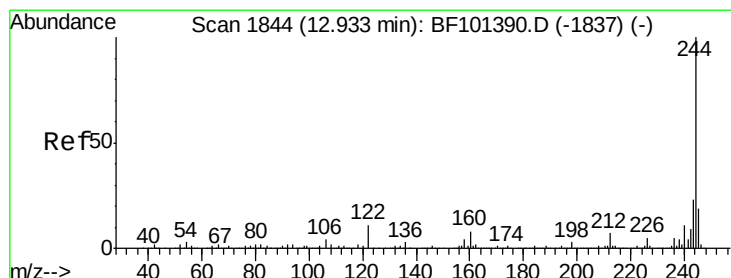
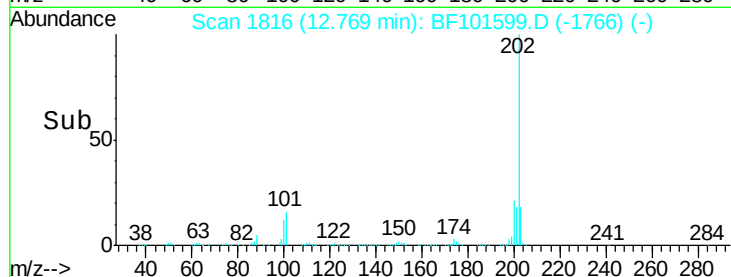
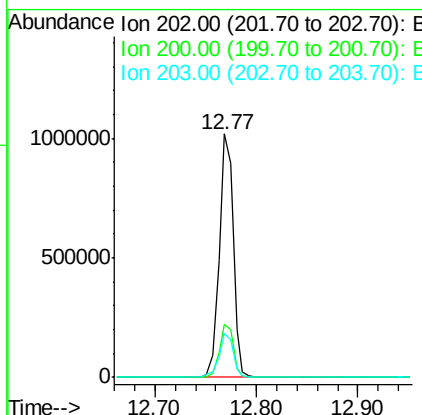
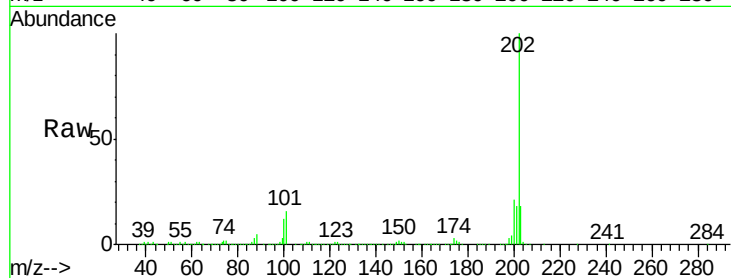




#77
 Pyrene
 Concen: 48.057 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

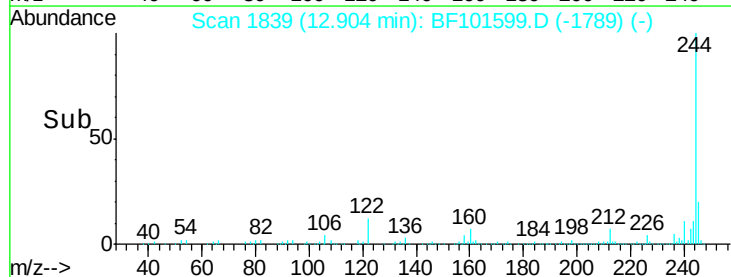
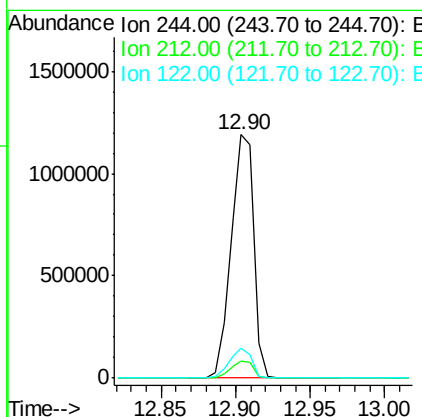
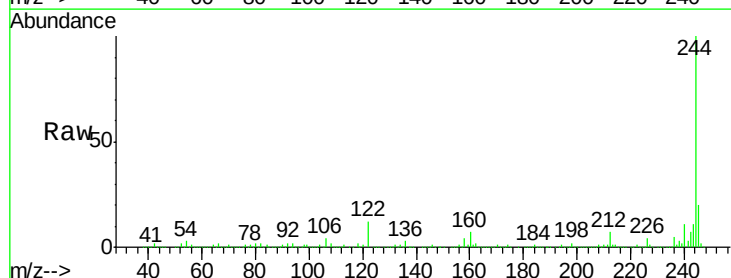
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

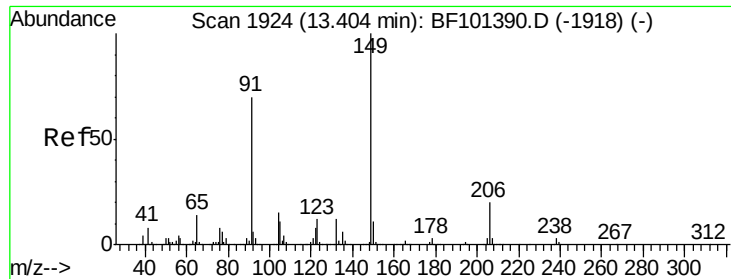
Tgt Ion: 202 Resp: 974759
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 18.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 113.711 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion: 244 Resp: 1274797
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.2 11.0 16.4

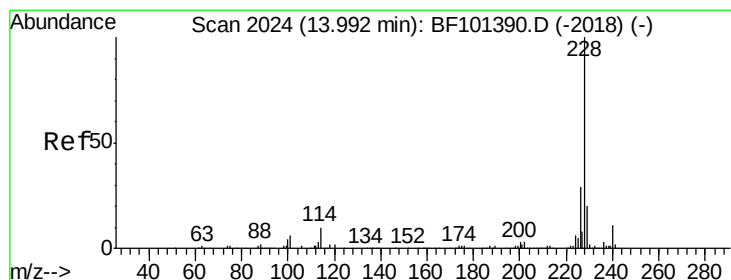
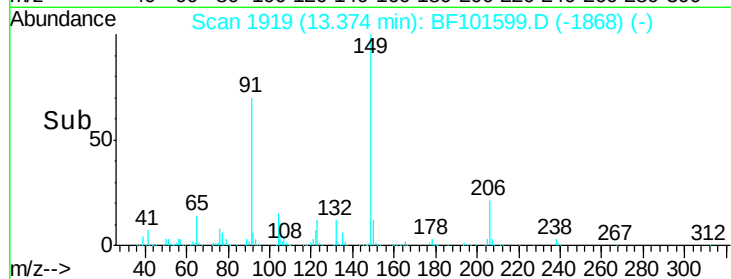
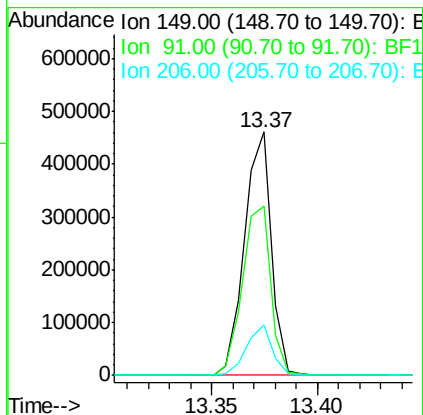
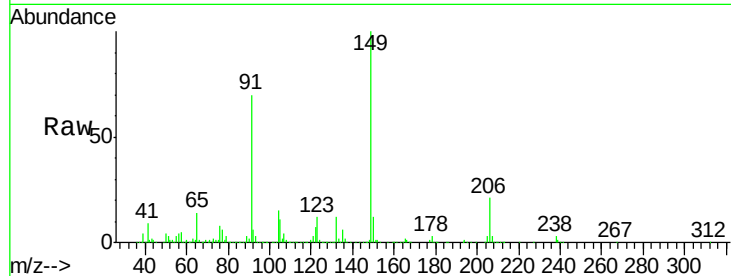




#79
Butylbenzylphthalate
Concen: 44.347 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

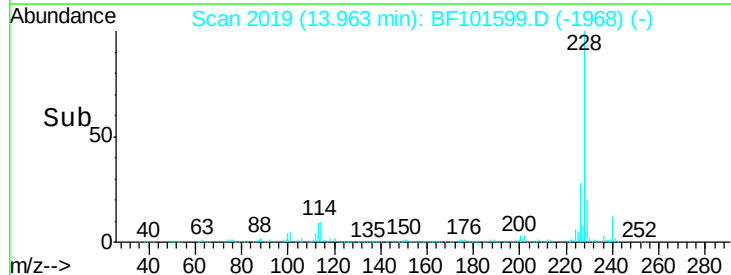
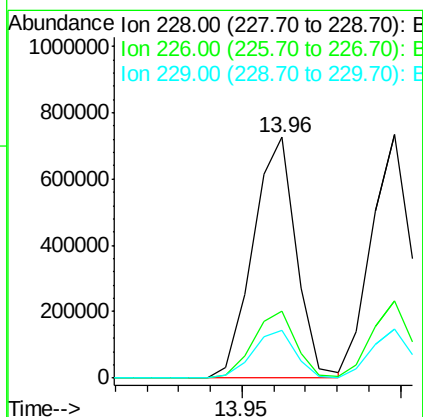
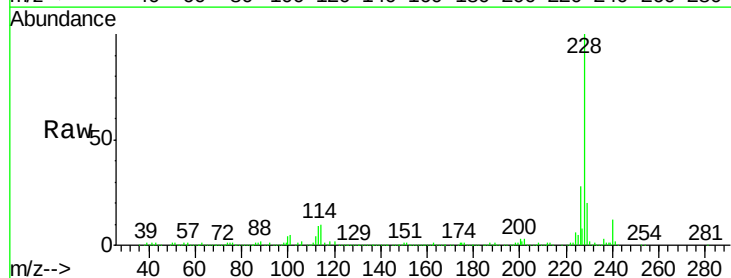
Instrument :
BNA_F
ClientSampleId :
PB105170BS

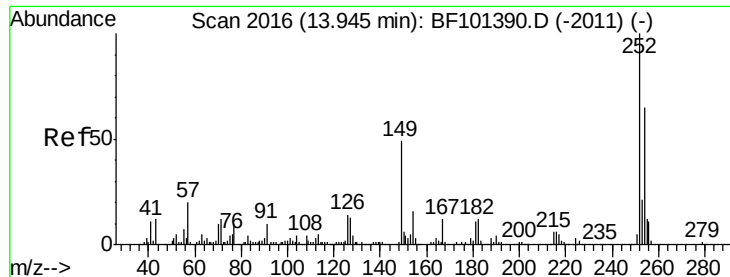
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.8	85.2
206	20.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.409 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.7	15.8	23.6

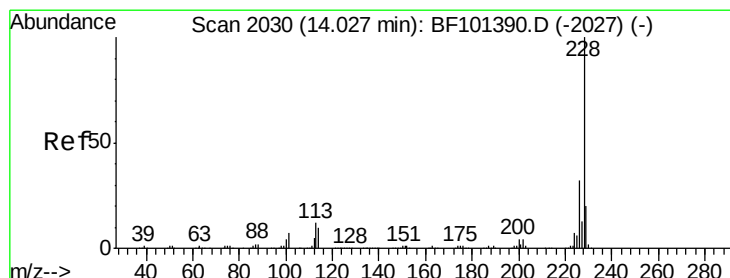
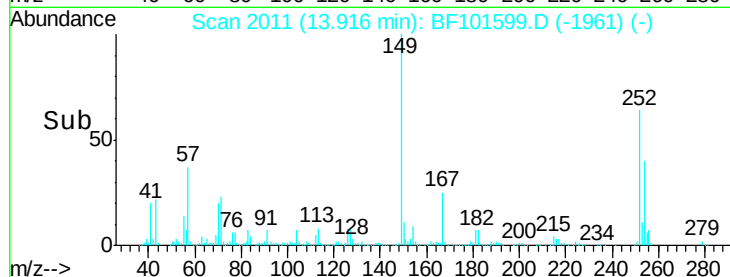
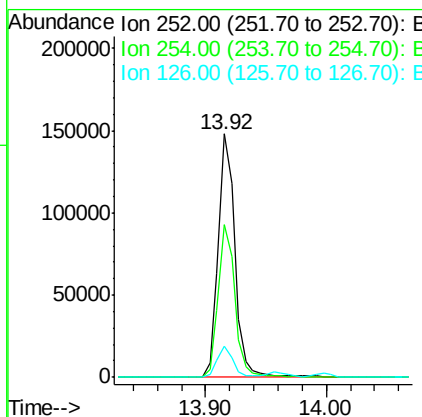
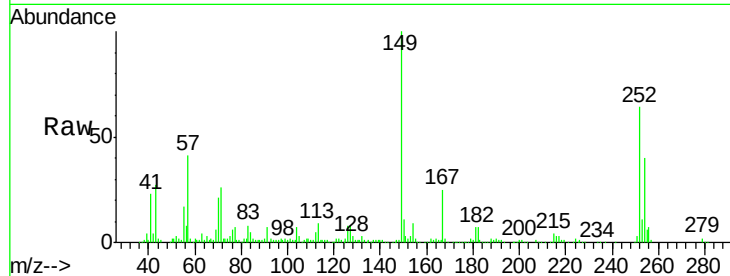




#81
 3,3'-Dichlorobenzidine
 Concen: 24.223 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

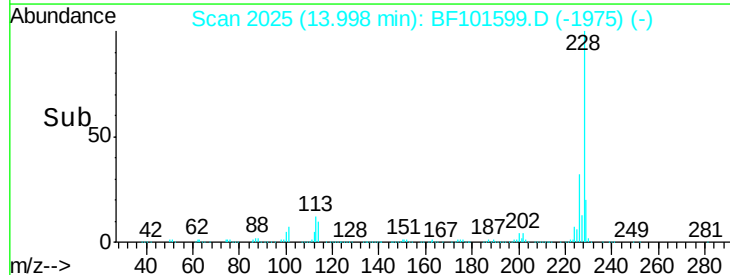
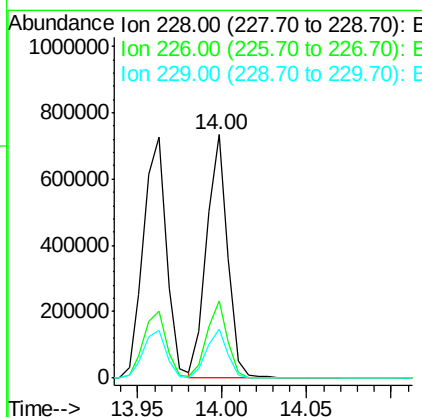
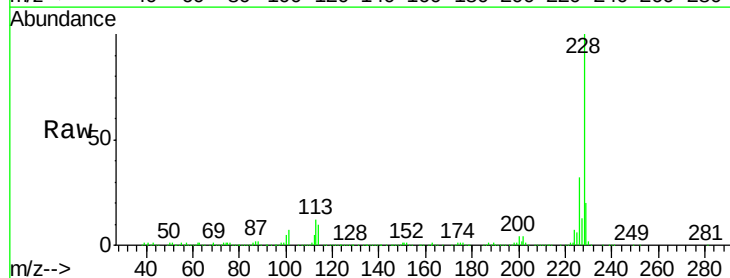
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

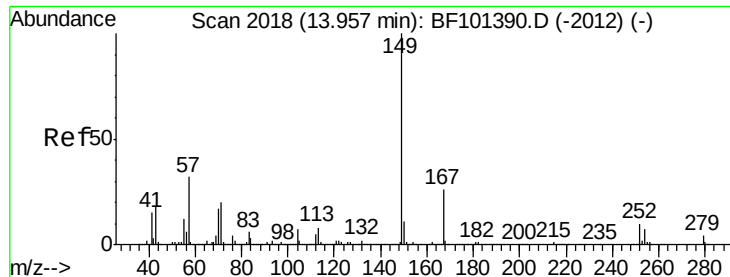
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	12.7	11.3	16.9



#82
 Chrysene
 Concen: 37.864 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	20.4	16.2	24.4

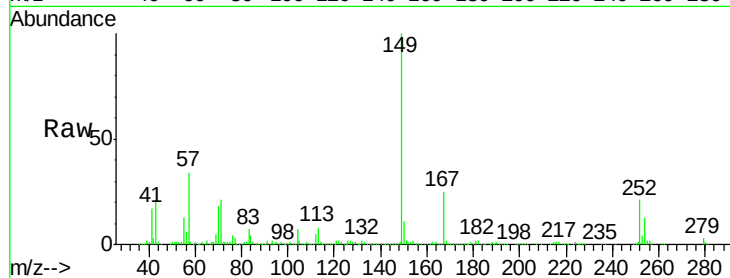




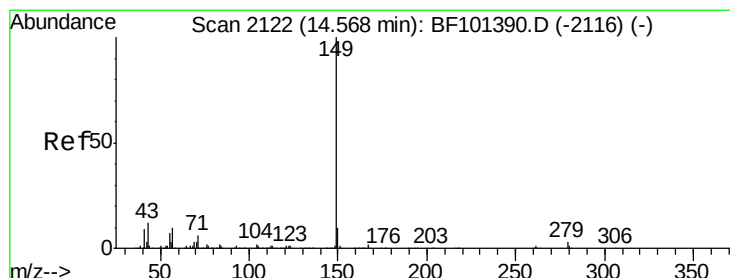
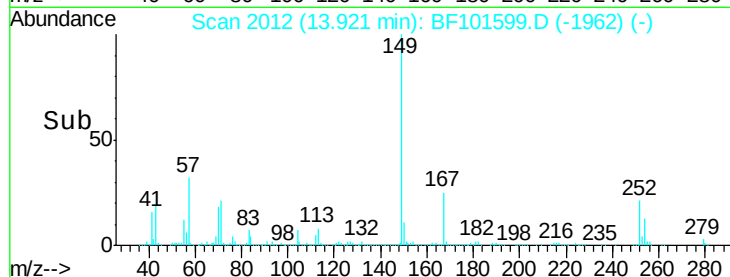
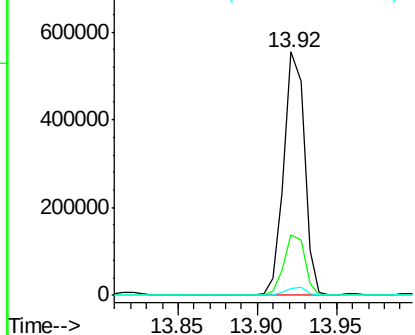
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.252 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

Tgt Ion:149 Resp: 502794
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.3 31.9
 279 2.9 3.0 4.4#

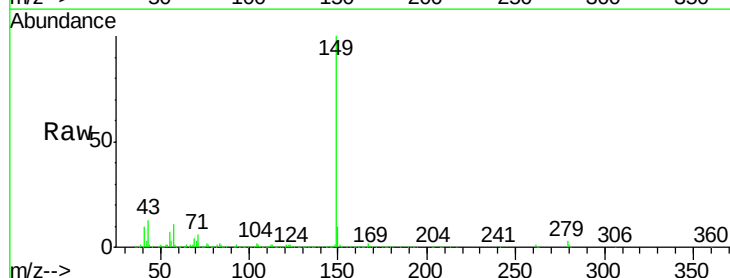


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

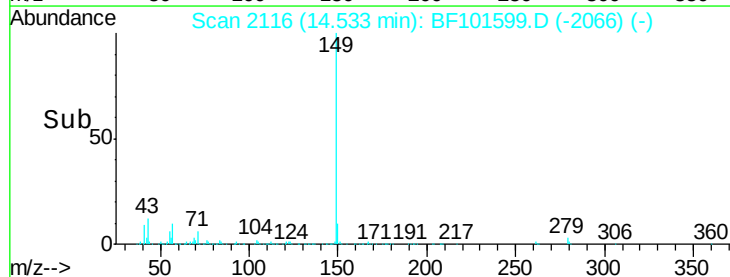
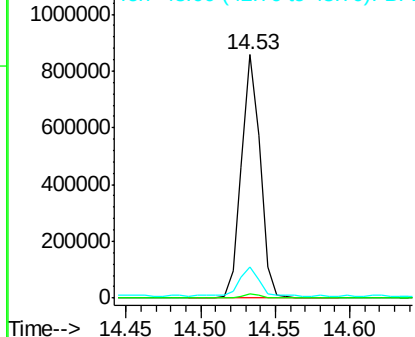


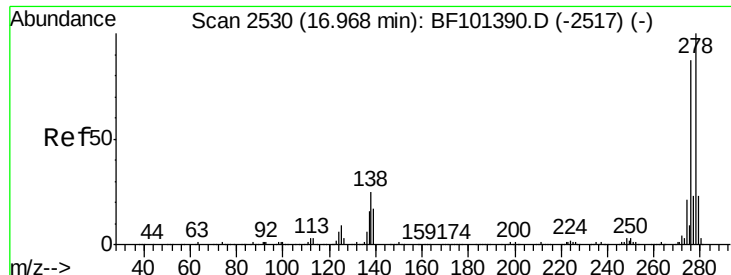
#84
 Di-n-octyl phthalate
 Concen: 36.093 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion:149 Resp: 748266
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

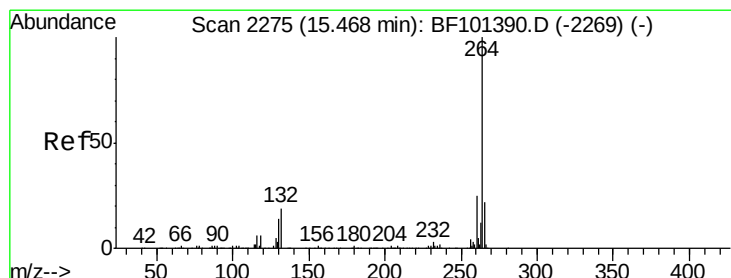
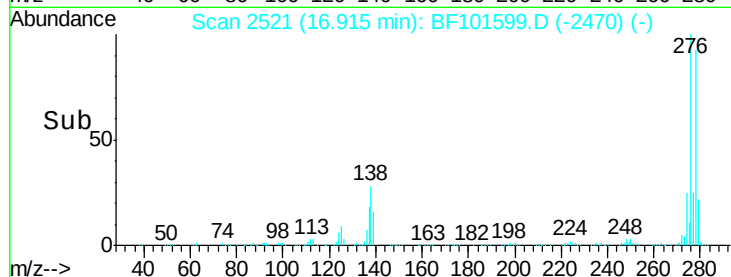
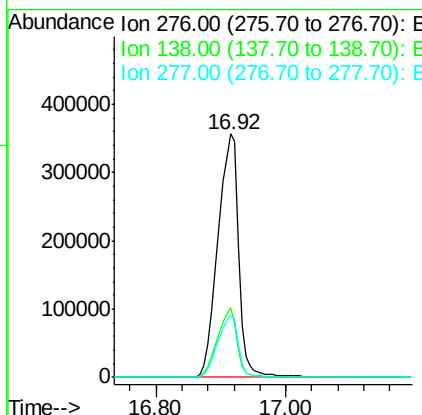
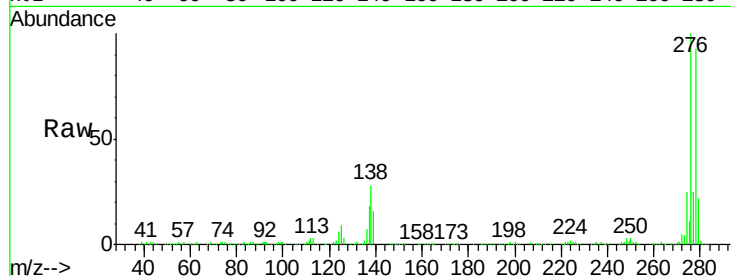




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.765 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

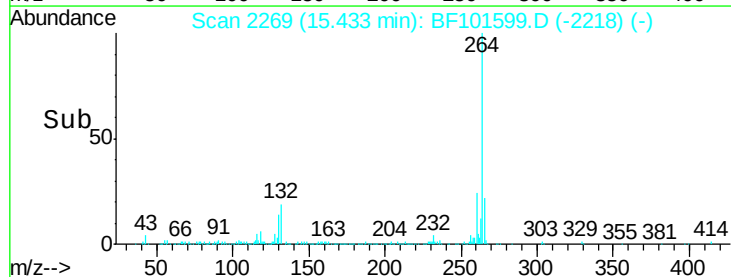
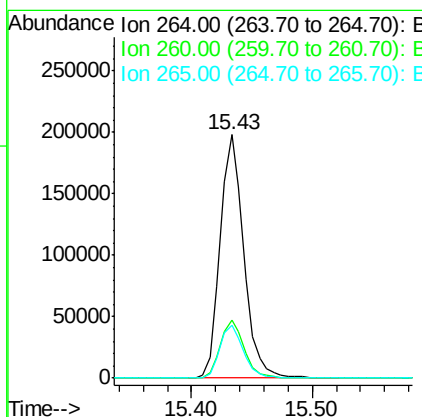
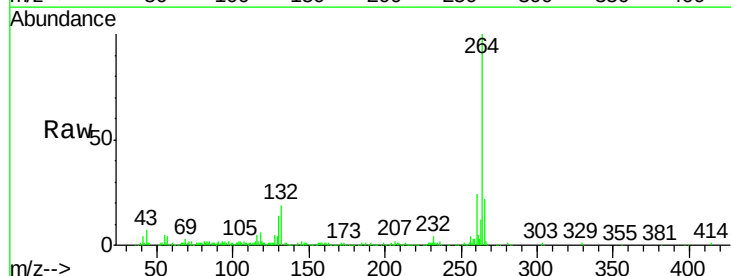
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BS

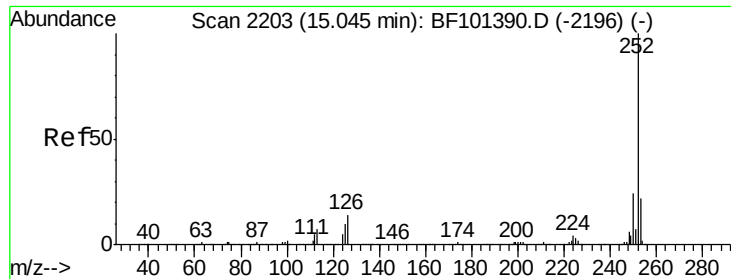
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF101599.D
 Acq: 21 Dec 2017 11:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3

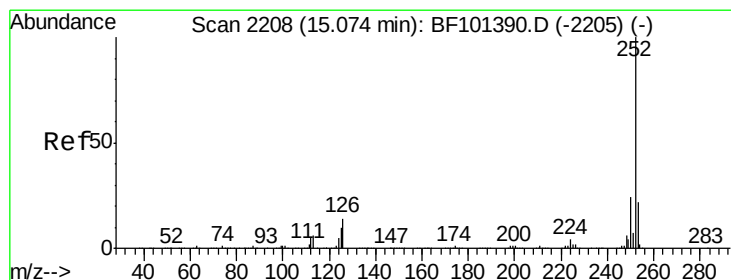
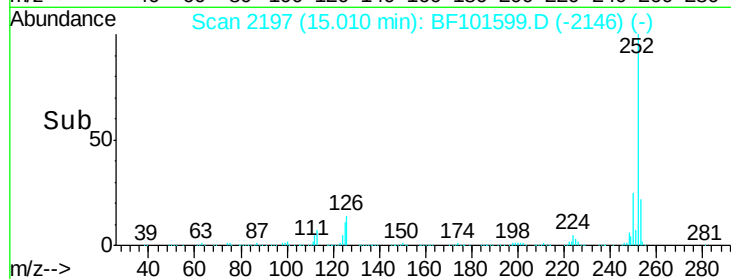
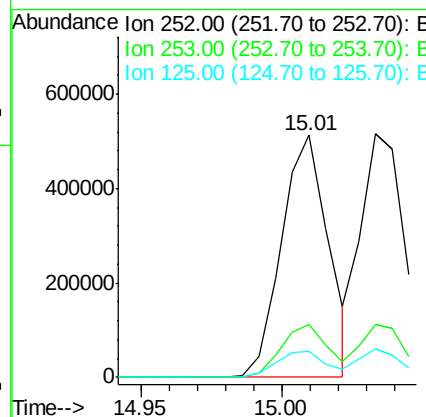
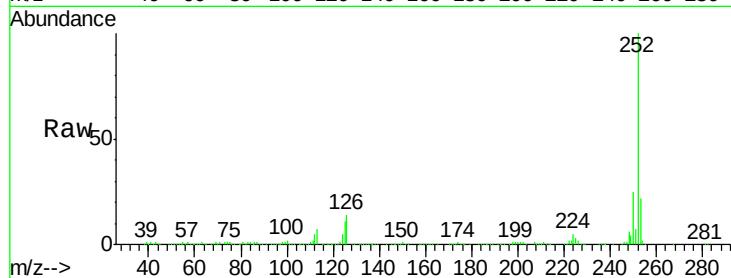




#87
Benzo(b)fluoranthene
Concen: 36.085 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

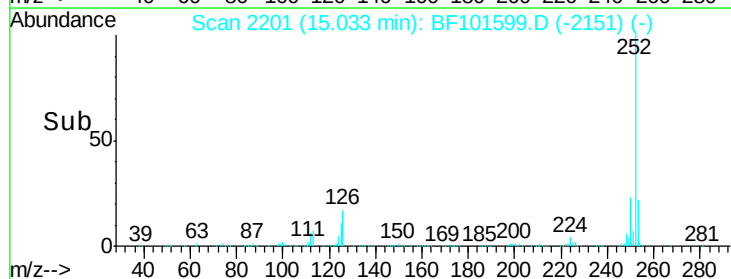
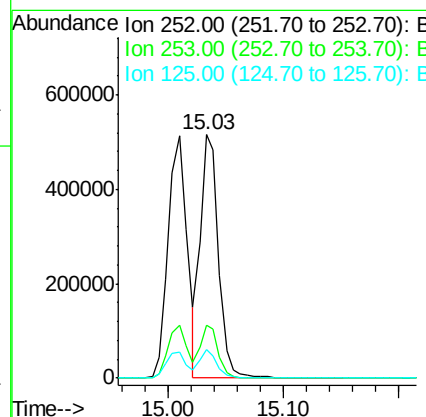
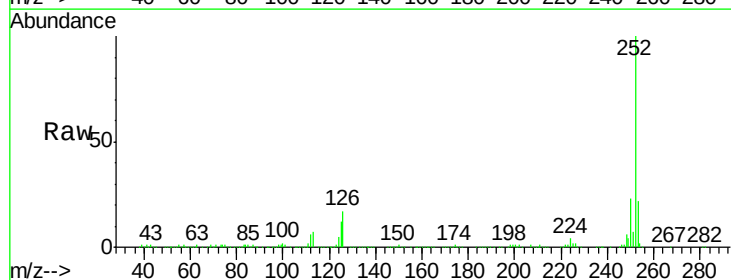
Instrument :
BNA_F
ClientSampleId :
PB105170BS

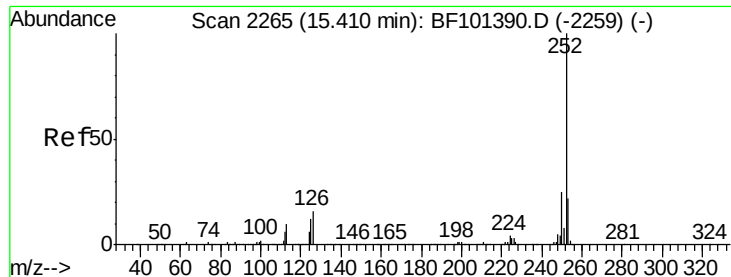
Tgt Ion:252 Resp: 590220
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.684 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101599.D
Acq: 21 Dec 2017 11:46

Tgt Ion:252 Resp: 567489
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.454 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

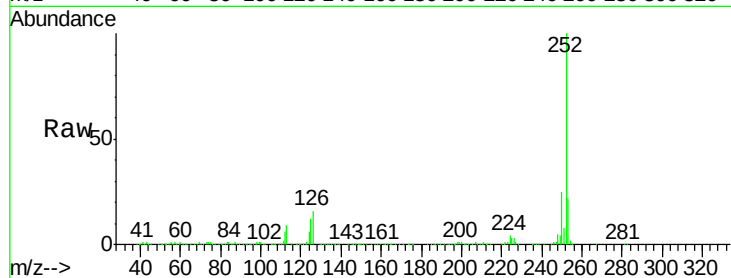
Tgt Ion:252 Resp: 594897

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

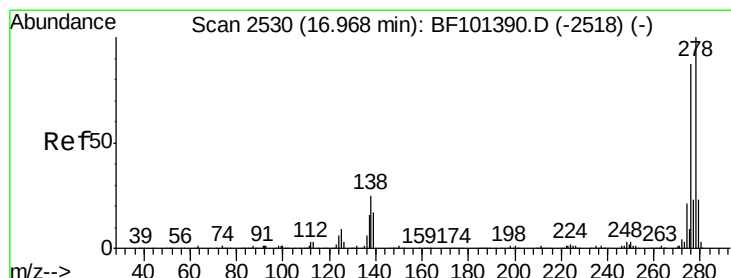
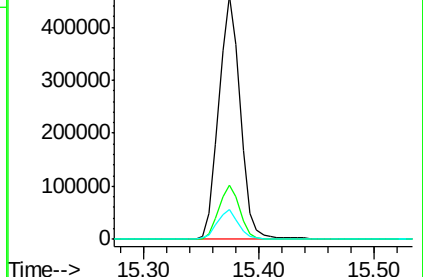
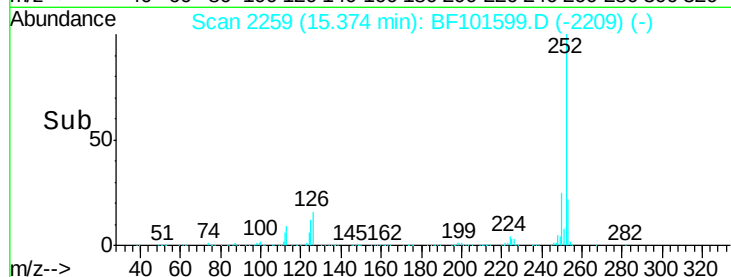
125 12.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.399 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

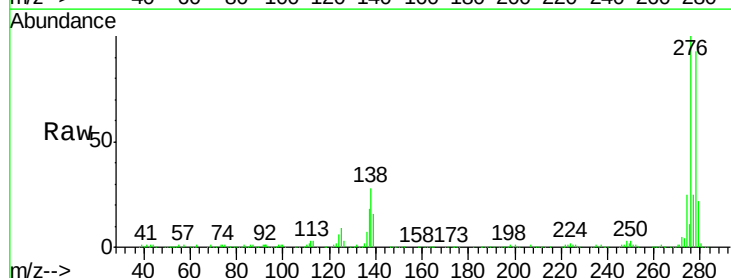
Tgt Ion:278 Resp: 652472

Ion Ratio Lower Upper

278 100

139 17.5 15.9 23.9

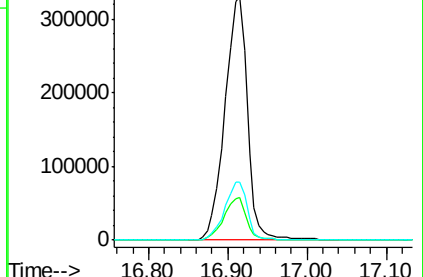
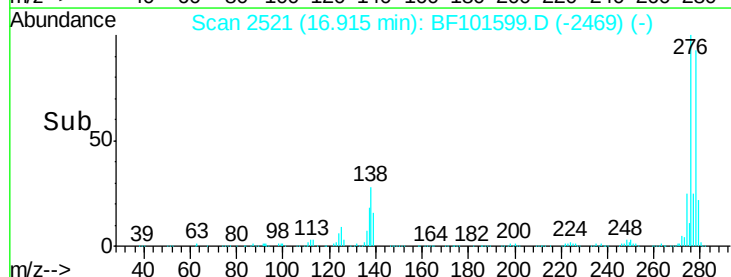
279 23.7 19.0 28.4

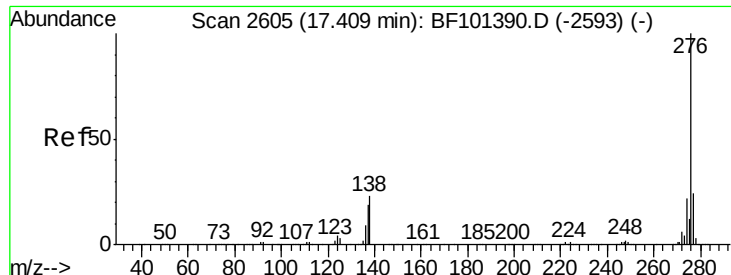


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 55.590 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BF101599.D

Acq: 21 Dec 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB105170BS

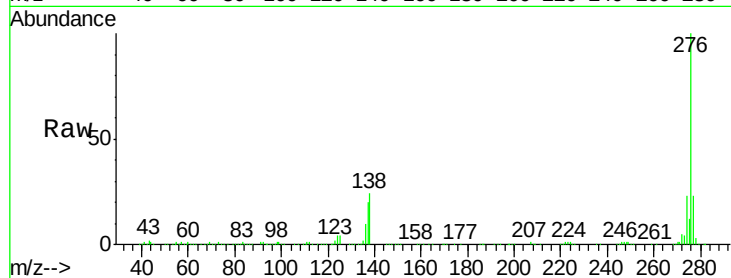
Tgt Ion: 276 Resp: 712625

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 23.6 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

