

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121917\
 Data File : BF101518.D
 Acq On : 19 Dec 2017 13:23
 Operator : SJ/JU
 Sample : PB105116BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Quant Time: Dec 19 14:41:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	115744	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	463721	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	214138	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	404852	20.00	ng	0.00
75) Chrysene-d12	13.99	240	279647	20.00	ng	0.00
86) Perylene-d12	15.46	264	228448	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	886726	114.12	ng	0.02
7) Phenol-d6	6.46	99	1024679	105.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	658616	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	260636	126.31	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1170243	84.77	ng	0.00
78) Terphenyl-d14	12.92	244	1171439	100.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	132225	33.117	ng	94
3) Pyridine	3.39	79	350848	31.628	ng	93
4) n-Nitrosodimethylamine	3.33	42	172212	33.717	ng	99
6) Aniline	6.48	93	275341	20.489	ng	# 81
8) 2-Chlorophenol	6.60	128	309982	37.924	ng	97
9) Benzaldehyde	6.37	77	181040	25.349	ng	96
10) Phenol	6.47	94	376394	34.149	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	308290	35.659	ng	96
12) 1,3-Dichlorobenzene	6.75	146	345145	37.413	ng	98
13) 1,4-Dichlorobenzene	6.83	146	351199	37.280	ng	98
14) 1,2-Dichlorobenzene	6.98	146	321755	37.944	ng	97
15) Benzyl Alcohol	6.96	79	233079	35.017	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	506894	38.309	ng	55
17) 2-Methylphenol	7.07	107	249753	33.217	ng	# 90
18) Hexachloroethane	7.31	117	121355	37.052	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	215644	33.956	ng	94
20) 3+4-Methylphenols	7.23	107	331126	41.560	ng	92
22) Acetophenone	7.22	105	428478	40.495	ng	# 95
24) Nitrobenzene	7.40	77	328993	35.684	ng	99
25) Isophorone	7.63	82	601208	35.976	ng	99
26) 2-Nitrophenol	7.72	139	170643	43.081	ng	94
27) 2,4-Dimethylphenol	7.75	122	282632	42.001	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	387499	36.503	ng	99
29) 2,4-Dichlorophenol	7.96	162	272877	41.046	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	273875	39.037	ng	97
31) Naphthalene	8.12	128	871383	37.326	ng	99
32) Benzoic acid	7.88	122	43220	15.912	ng	94
33) 4-Chloroaniline	8.17	127	166014	16.361	ng	99
34) Hexachlorobutadiene	8.22	225	156088	38.467	ng	99
35) Caprolactam	8.55	113	62173	26.933	ng	# 85
36) 4-Chloro-3-methylphenol	8.66	107	275497	37.703	ng	99
37) 2-Methylnaphthalene	8.80	142	591337	38.878	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	286244	39.592	ng	97
40) Hexachlorocyclopentadiene	8.95	237	87997	64.077	ng	97

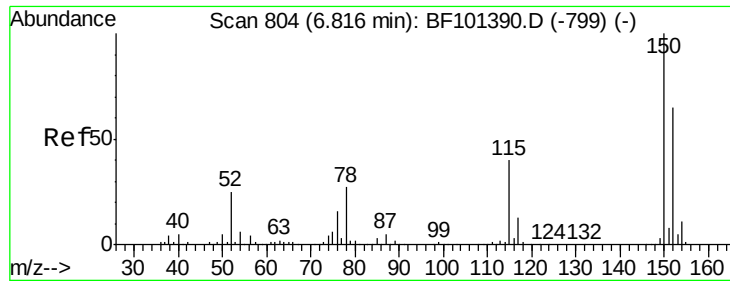
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121917\
 Data File : BF101518.D
 Acq On : 19 Dec 2017 13:23
 Operator : SJ/JU
 Sample : PB105116BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Quant Time: Dec 19 14:41:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	175225	40.258	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	178295	37.411	ng	96
45) 1,1'-Biphenyl	9.27	154	723359	38.090	ng	97
46) 2-Chloronaphthalene	9.30	162	541821	37.287	ng	97
47) 2-Nitroaniline	9.40	65	182537	36.364	ng	96
48) Acenaphthylene	9.71	152	814908	35.506	ng	100
49) Dimethylphthalate	9.57	163	605024	35.126	ng	100
50) 2,6-Dinitrotoluene	9.65	165	137576	39.299	ng	96
51) Acenaphthene	9.88	154	492866	35.743	ng	100
52) 3-Nitroaniline	9.82	138	112362	25.744	ng	98
53) 2,4-Dinitrophenol	9.95	184	24627	27.913	ng	# 13
54) Dibenzofuran	10.06	168	694012	39.604	ng	100
55) 4-Nitrophenol	10.00	139	129219	67.898	ng	89
56) 2,4-Dinitrotoluene	10.06	165	169945	43.087	ng	# 86
57) Fluorene	10.40	166	579299	39.078	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	142340	41.571	ng	# 85
59) Diethylphthalate	10.27	149	631268	37.009	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	281953	39.686	ng	91
61) 4-Nitroaniline	10.43	138	143483	32.706	ng	94
62) Azobenzene	10.54	77	605892	34.290	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	39667	19.200	ng	87
65) n-Nitrosodiphenylamine	10.51	169	540536	36.159	ng	95
66) 4-Bromophenyl-phenylether	10.87	248	180006	39.570	ng	91
67) Hexachlorobenzene	10.95	284	187831	39.013	ng	# 90
68) Atrazine	11.04	200	182312	40.901	ng	97
69) Pentachlorophenol	11.16	266	96971	54.105	ng	99
70) Phenanthrene	11.36	178	836964	37.175	ng	99
71) Anthracene	11.42	178	877386	38.151	ng	100
72) Carbazole	11.58	167	768082	35.672	ng	99
73) Di-n-butylphthalate	11.89	149	981171	37.544	ng	99
74) Fluoranthene	12.56	202	877859	37.147	ng	99
76) Benzidine	12.68	184	307808	26.061	ng	99
77) Pyrene	12.79	202	894784	42.634	ng	99
79) Butylbenzylphthalate	13.39	149	383498	40.384	ng	95
80) Benzo(a)anthracene	13.98	228	696629	37.726	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	149579	24.843	ng	# 97
82) Chrysene	14.02	228	667940	38.311	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	480306	39.932	ng	98
84) Di-n-octyl phthalate	14.56	149	735977	34.309	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	587899	37.866	ng	96
87) Benzo(b)fluoranthene	15.03	252	533313	38.301	ng	98
88) Benzo(k)fluoranthene	15.03	252	533313	39.393	ng	97
89) Benzo(a)pyrene	15.40	252	501531	39.071	ng	98
90) Dibenzo(a,h)anthracene	16.95	278	486331	44.127	ng	97
91) Benzo(g,h,i)perylene	17.40	276	536160	49.129	ng	94

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

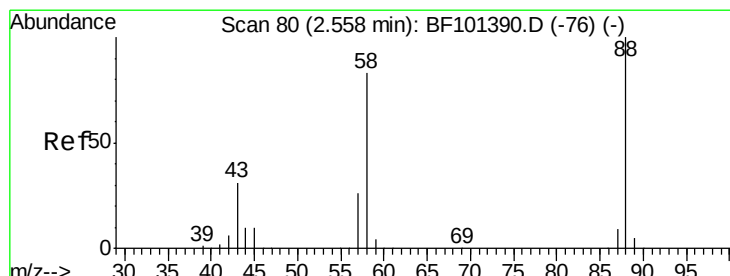
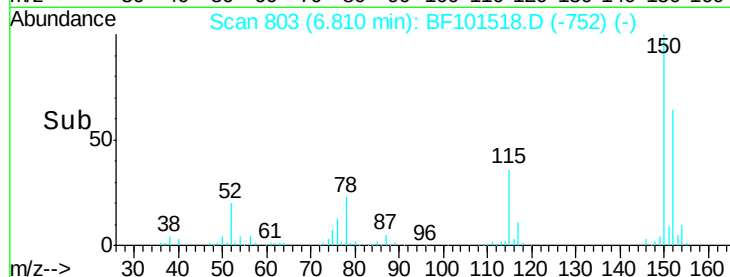
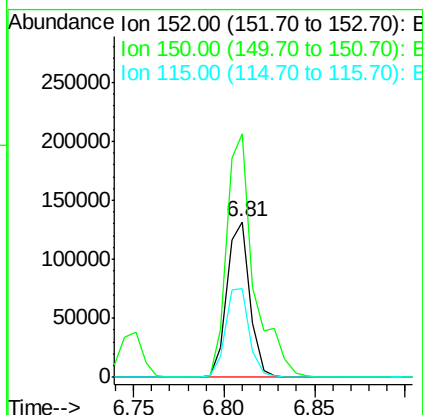
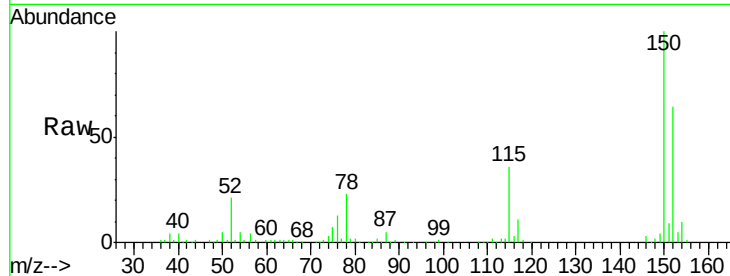


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

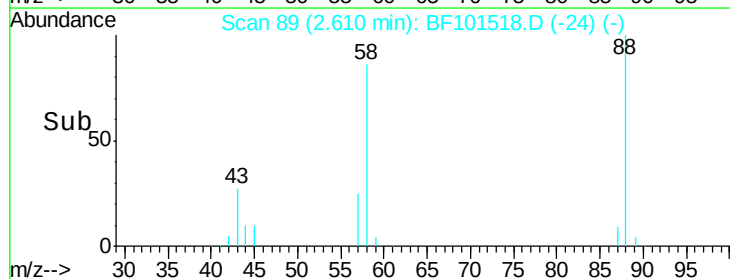
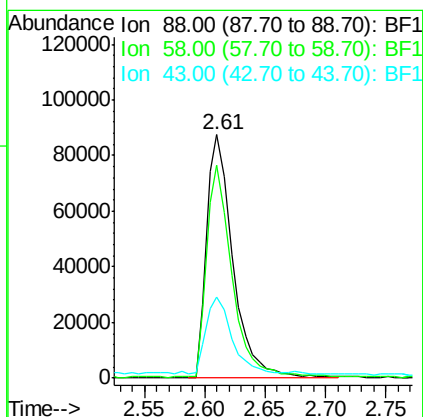
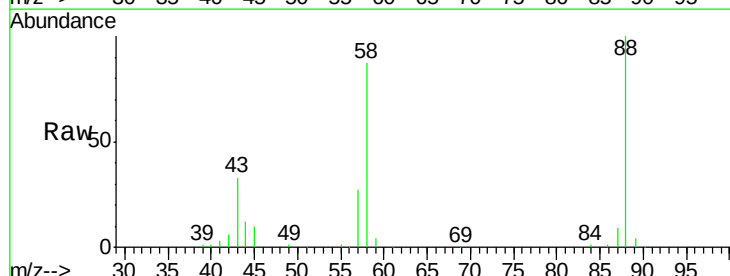
Tgt Ion:152 Resp: 115744
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 56.8 50.1 75.1

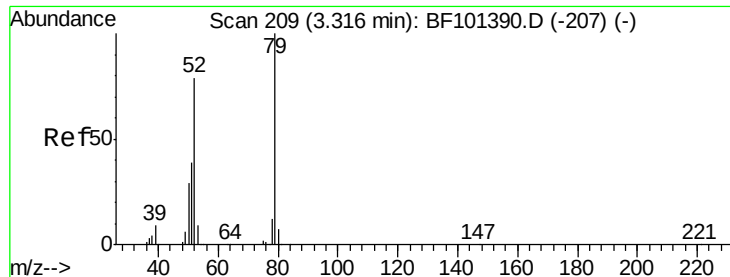


#2

1,4-Dioxane
Concen: 33.117 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion: 88 Resp: 132225
Ion Ratio Lower Upper
88 100
58 83.8 62.6 93.8
43 33.0 24.6 37.0





#3

Pyridine

Concen: 31.628 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.09 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

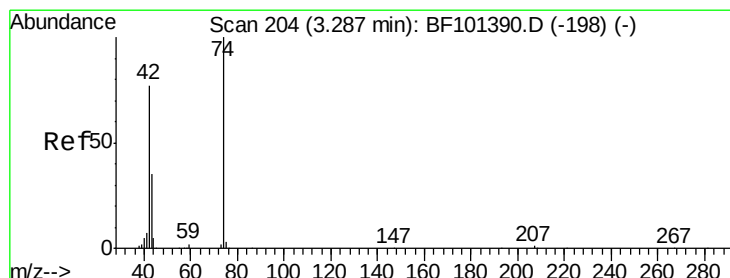
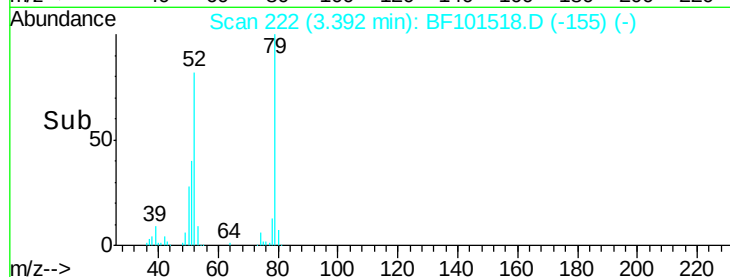
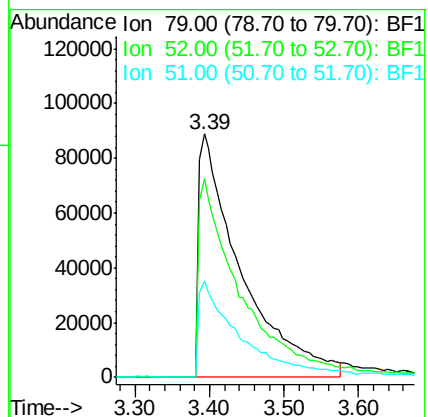
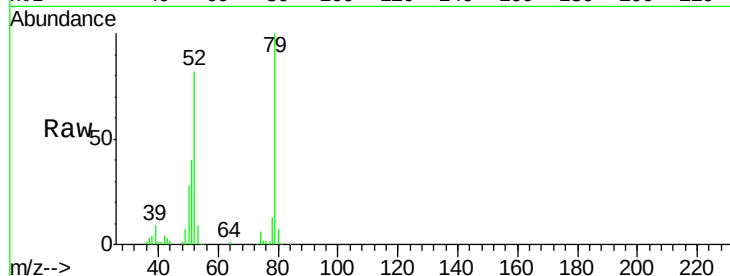
Tgt Ion: 79 Resp: 350848

Ion Ratio Lower Upper

79 100

52 81.6 59.8 89.6

51 39.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.717 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

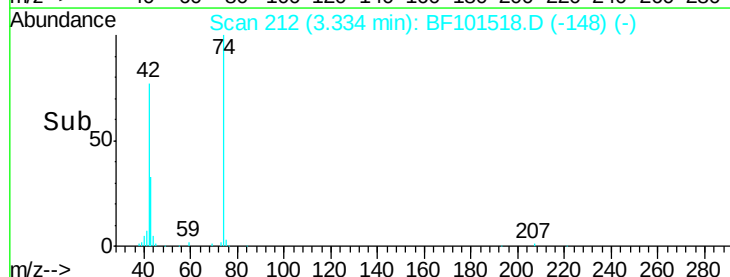
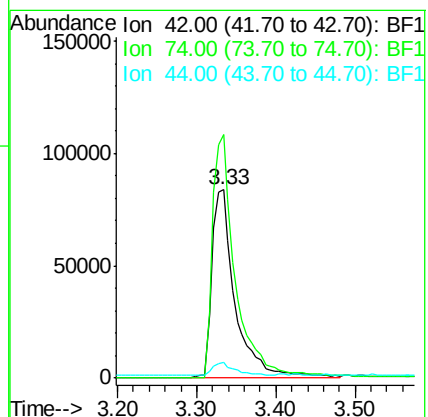
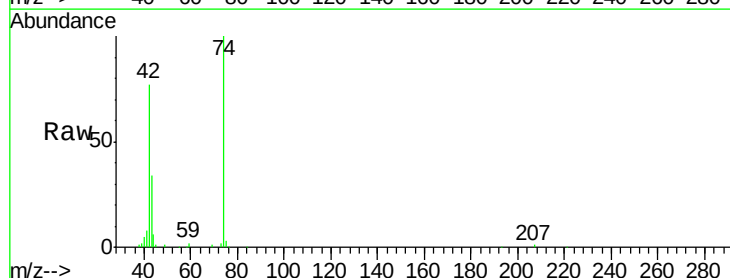
Tgt Ion: 42 Resp: 172212

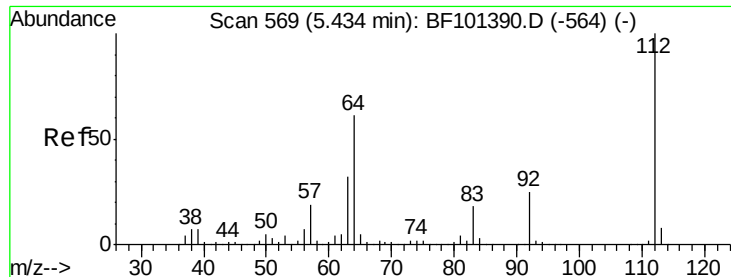
Ion Ratio Lower Upper

42 100

74 129.3 104.9 157.3

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 114.118 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

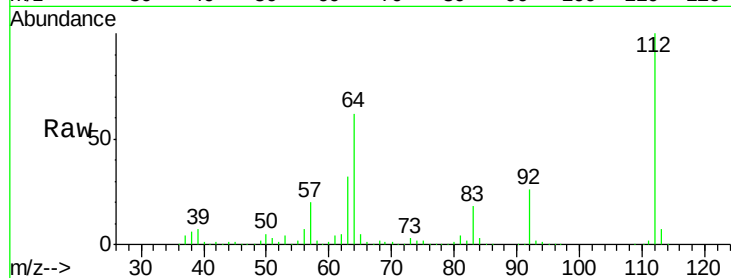
Instrument :

BNA_F

ClientSampleId :

PB105116BS

Tgt Ion:	112	Resp:	886726
Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.9	23.7	35.5

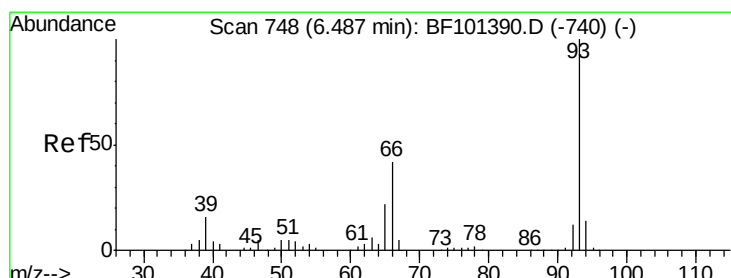
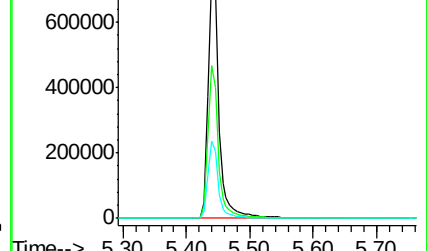
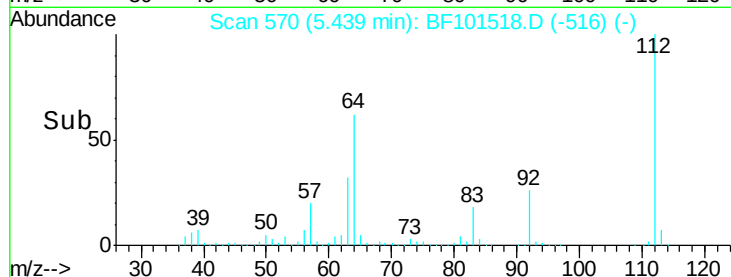


Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



#6

Aniline

Concen: 20.489 ng

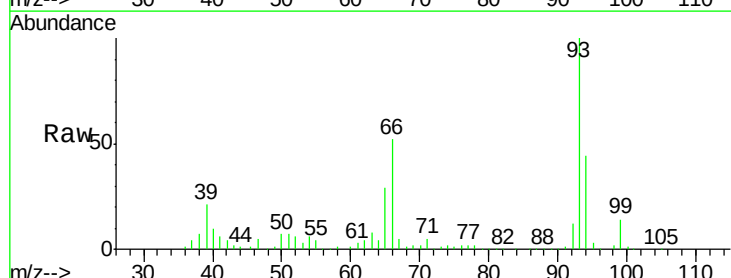
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	93	Resp:	275341
Ion	Ratio	Lower	Upper
93	100		
66	52.1	32.2	48.2#
65	28.8	16.4	24.6#

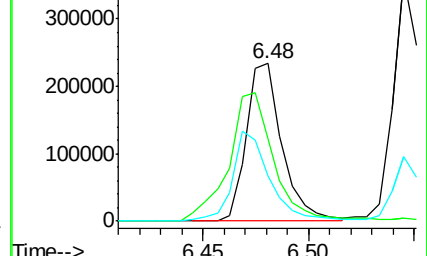
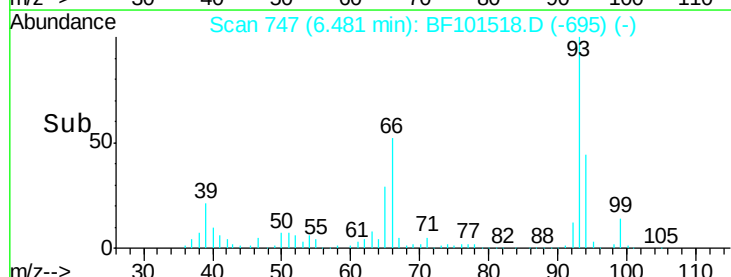


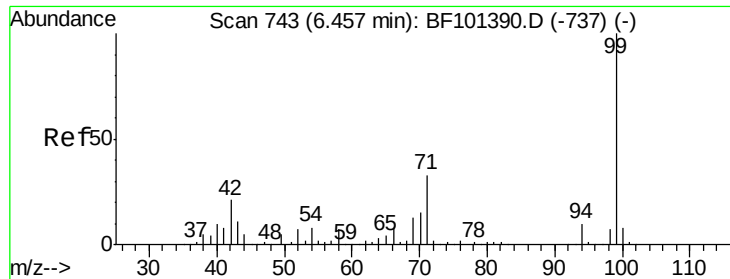
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->





#7

Phenol-d6

Concen: 105.961 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

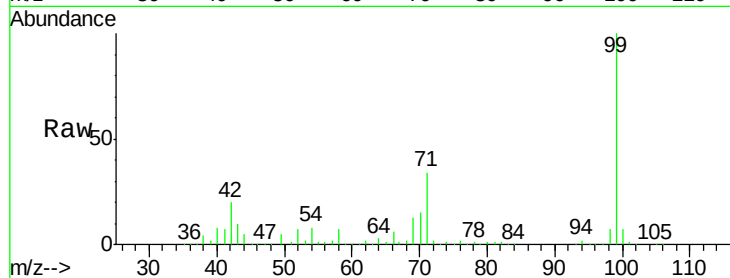
Tgt Ion: 99 Resp: 1024679

Ion Ratio Lower Upper

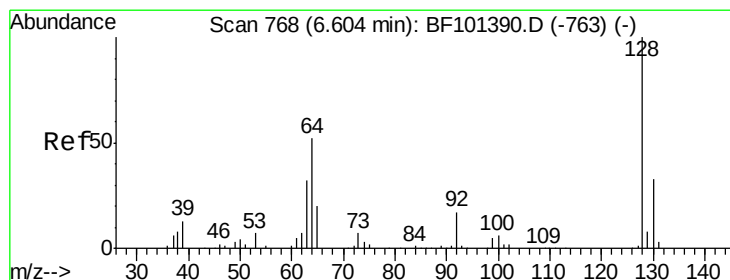
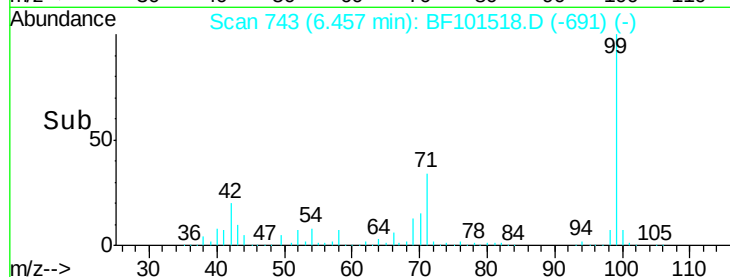
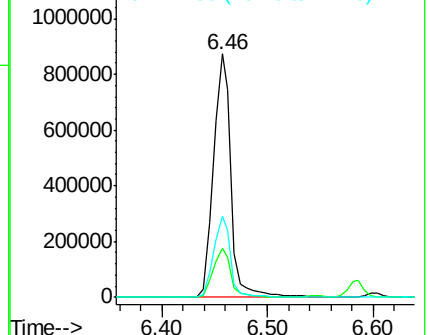
99 100

42 20.2 14.5 21.7

71 33.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.924 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

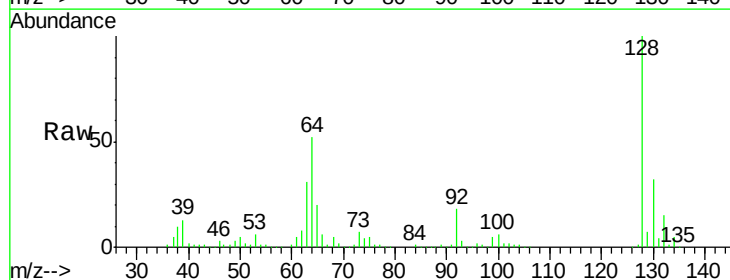
Tgt Ion: 128 Resp: 309982

Ion Ratio Lower Upper

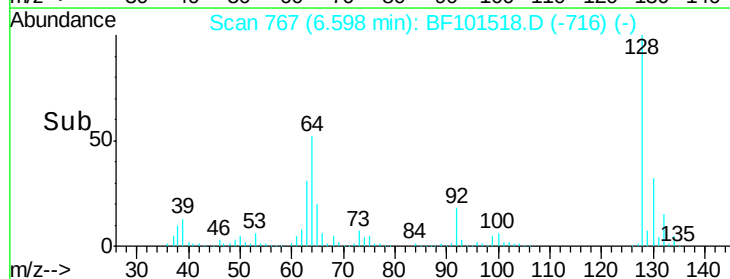
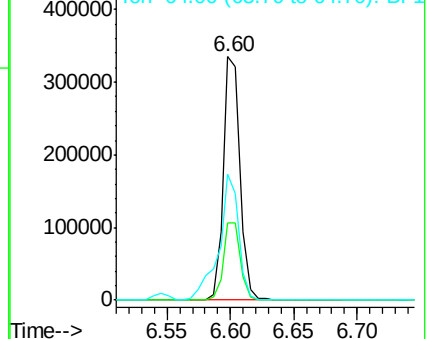
128 100

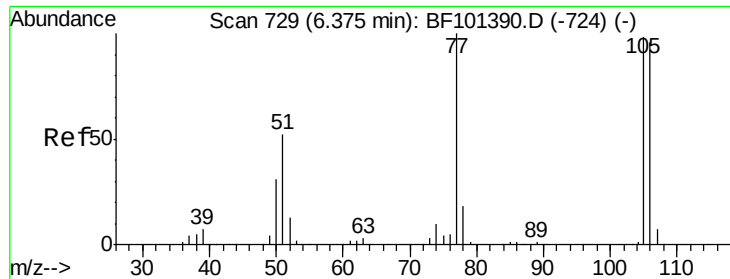
130 31.7 13.0 53.0

64 51.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 25.349 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

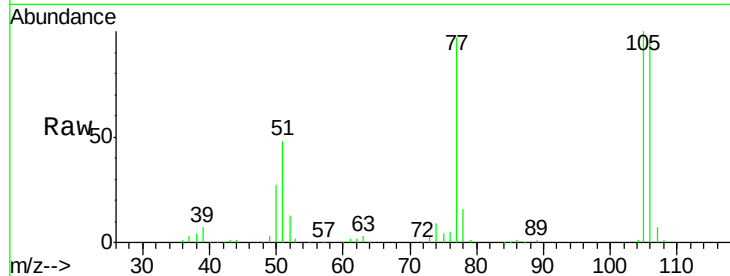
Tgt Ion: 77 Resp: 181040

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

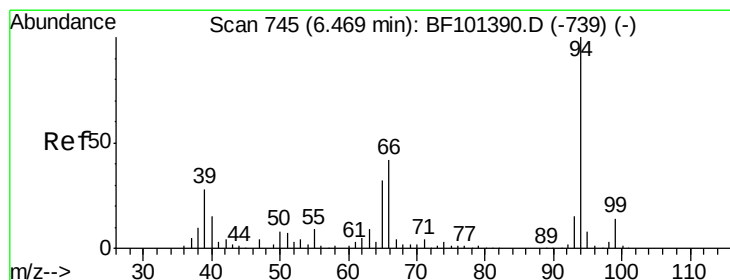
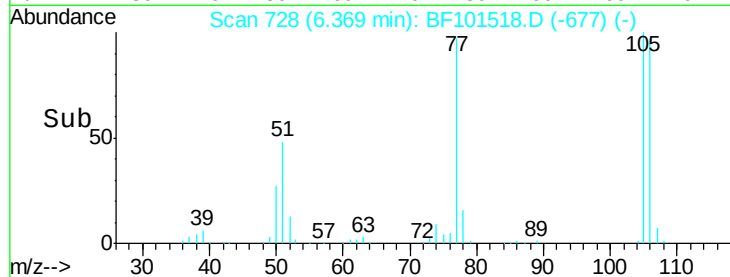
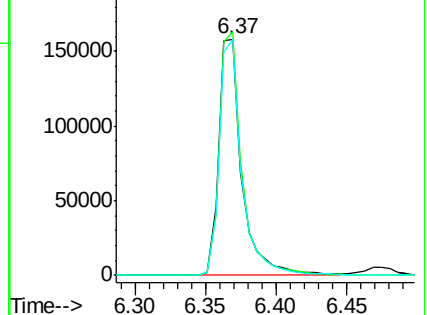
106 100.0 74.5 114.5



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: 34.149 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

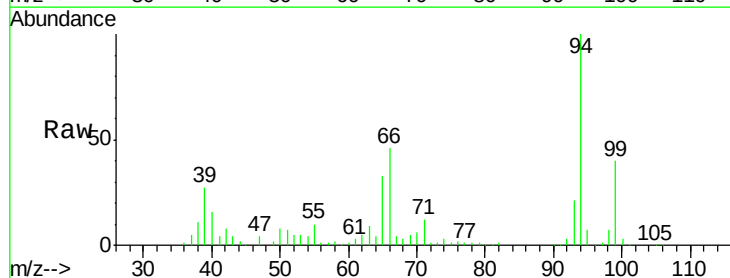
Tgt Ion: 94 Resp: 376394

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

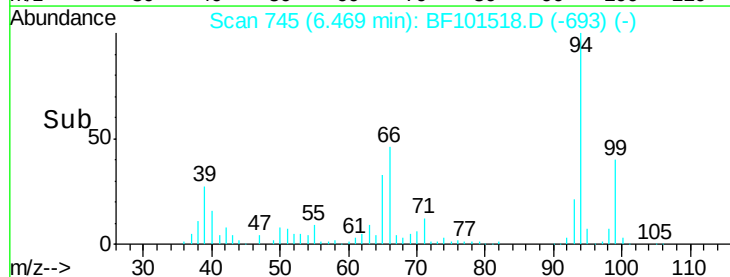
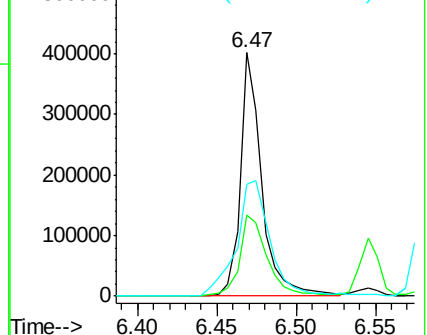
66 45.8 16.2 56.2

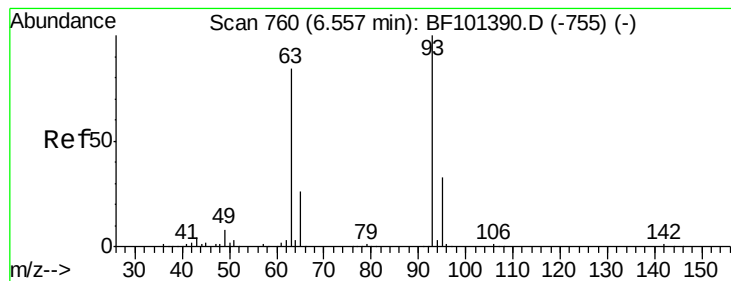


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.659 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

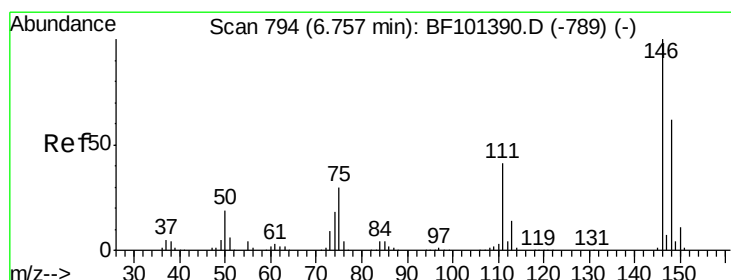
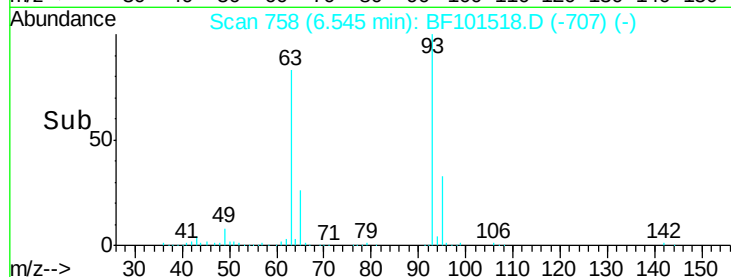
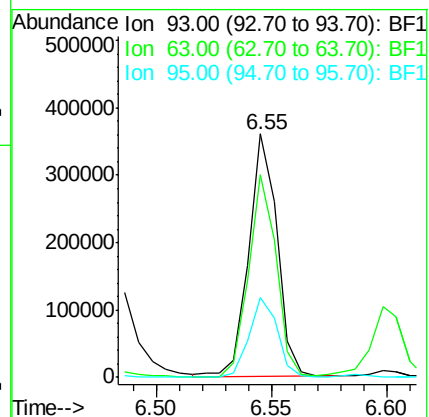
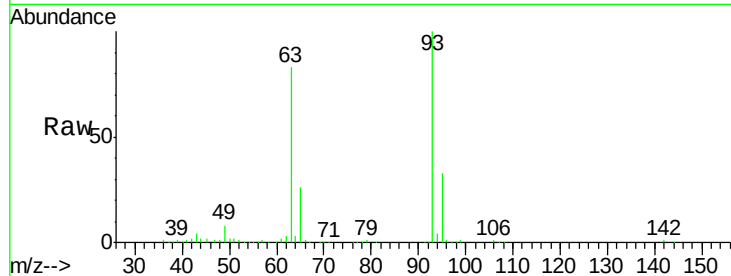
Tgt Ion: 93 Resp: 308290

Ion Ratio Lower Upper

93 100

63 83.3 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.413 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

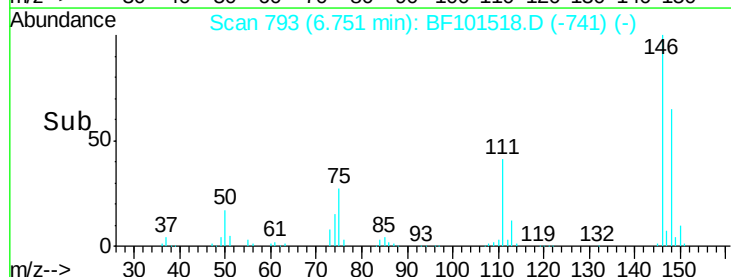
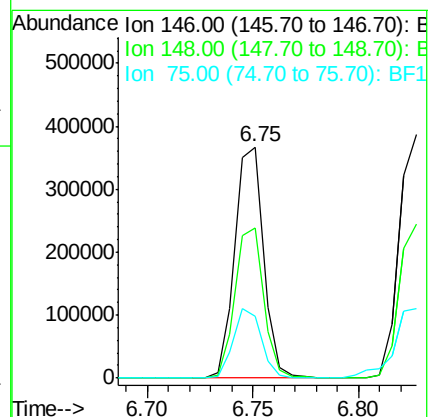
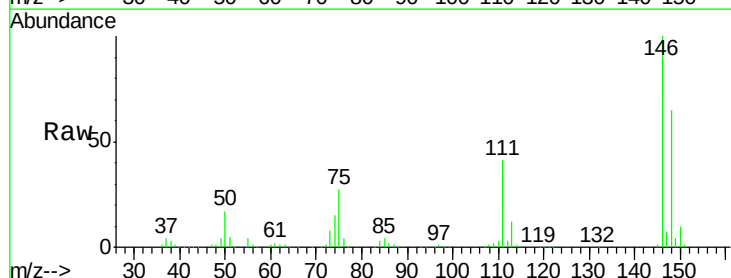
Tgt Ion: 146 Resp: 345145

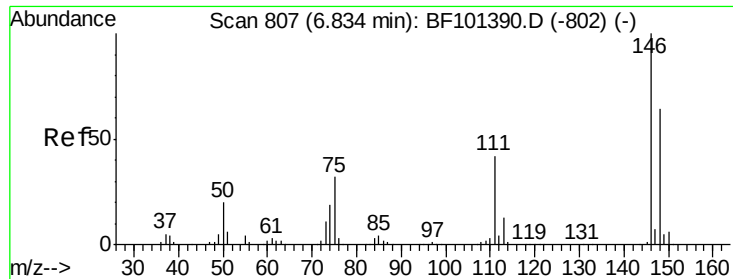
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 26.7 24.2 36.4

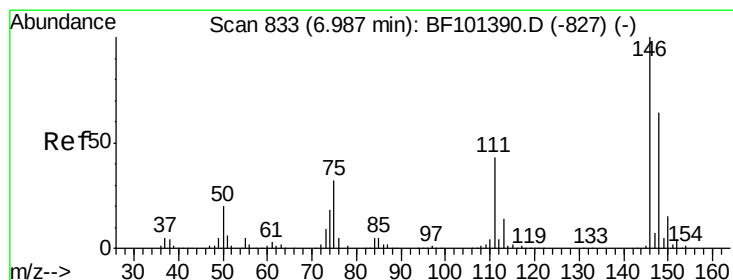
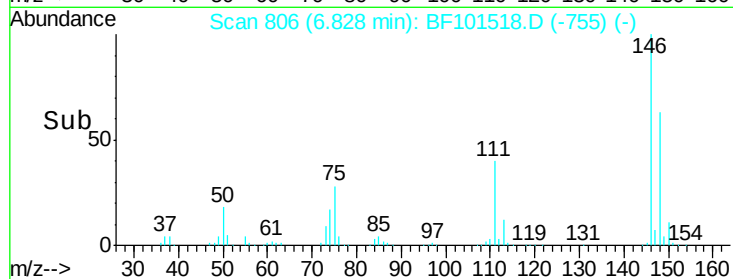
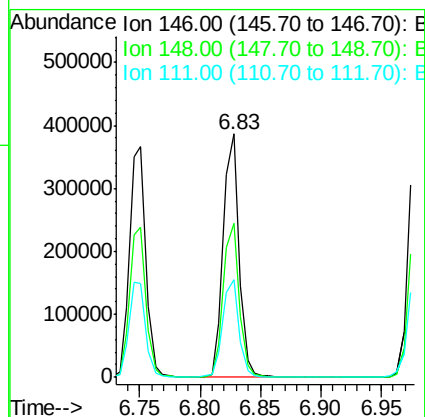
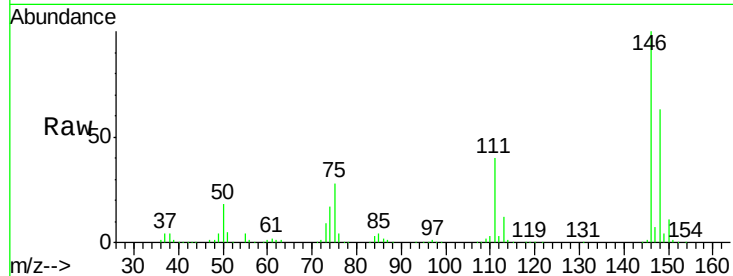




#13
 1,4-Dichlorobenzene
 Concen: 37.280 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

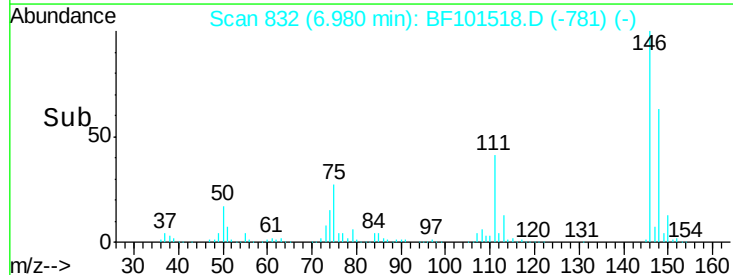
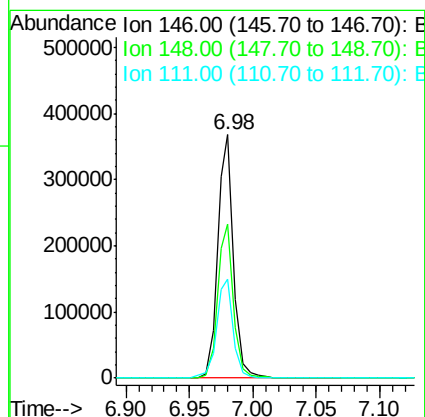
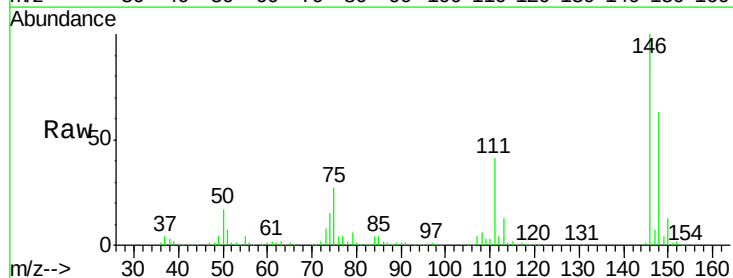
Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

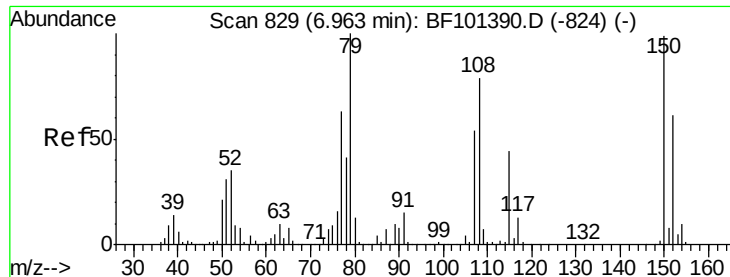
Tgt Ion:146 Resp: 351199
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 40.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.944 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion:146 Resp: 321755
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 40.9 36.0 54.0

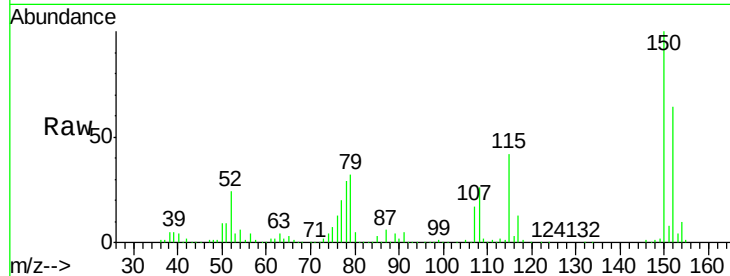




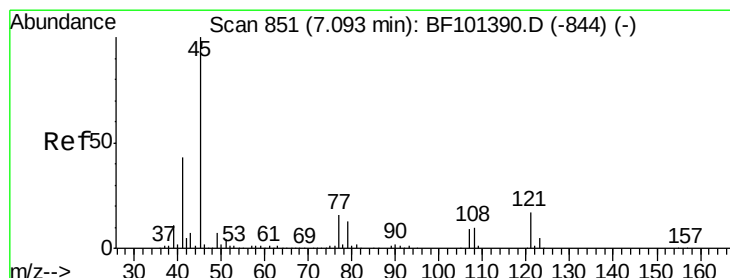
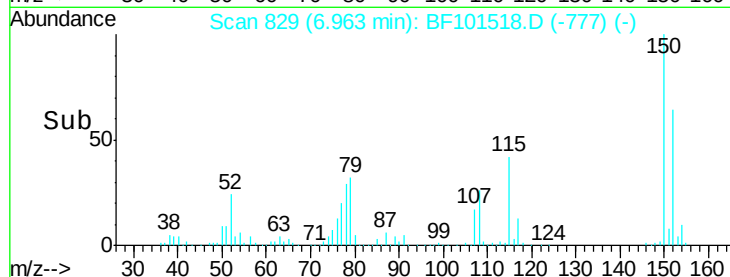
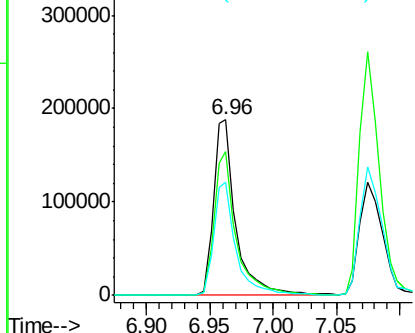
#15
Benzyl Alcohol
Concen: 35.017 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tgt Ion: 79 Resp: 233079
Ion Ratio Lower Upper
79 100
108 82.3 65.1 97.7
77 64.6 50.6 75.8

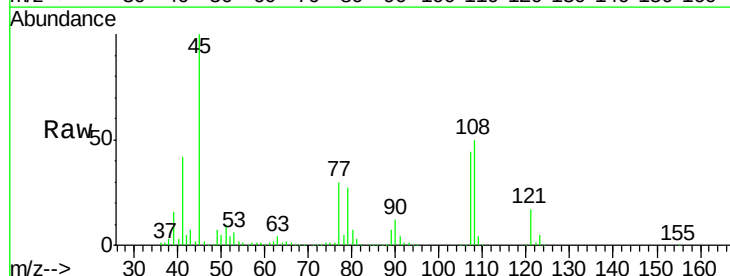


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

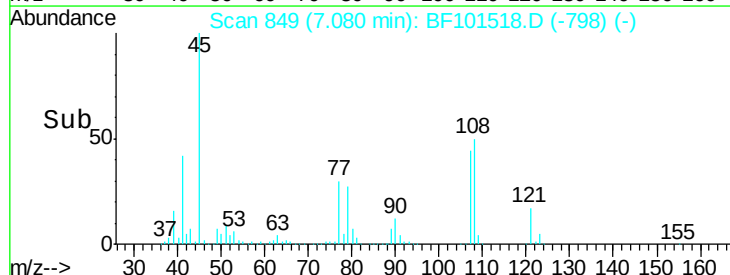
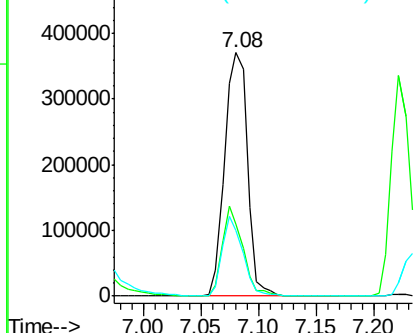


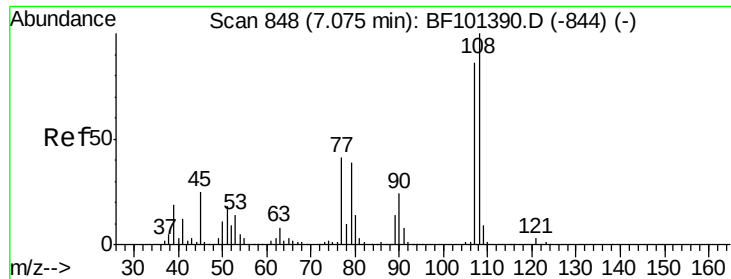
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.309 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion: 45 Resp: 506894
Ion Ratio Lower Upper
45 100
77 29.7 0.0 32.9
79 27.1 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

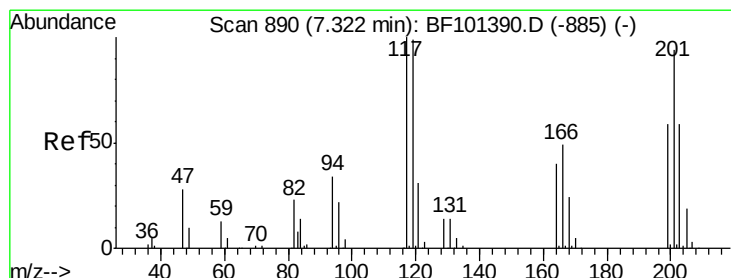
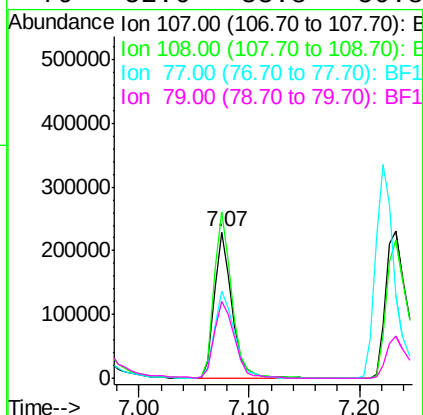
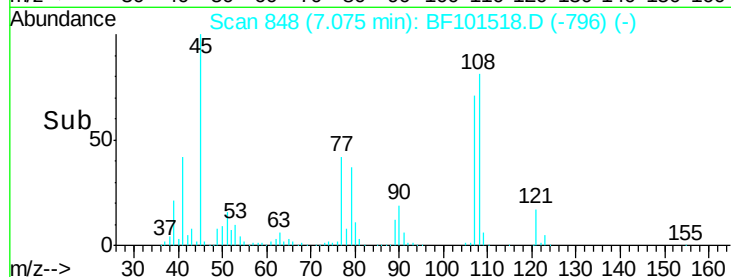
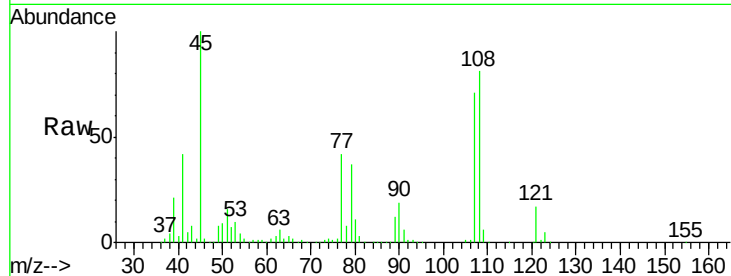




#17
2-Methylphenol
Concen: 33.217 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

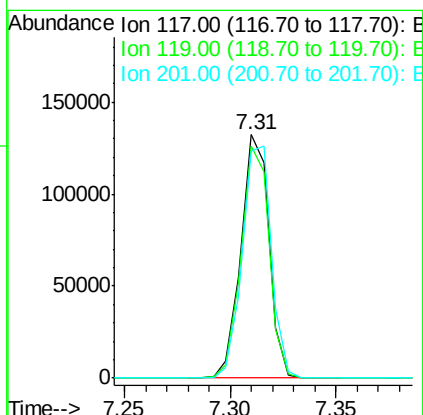
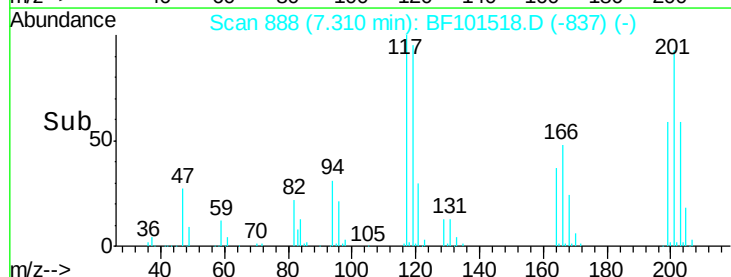
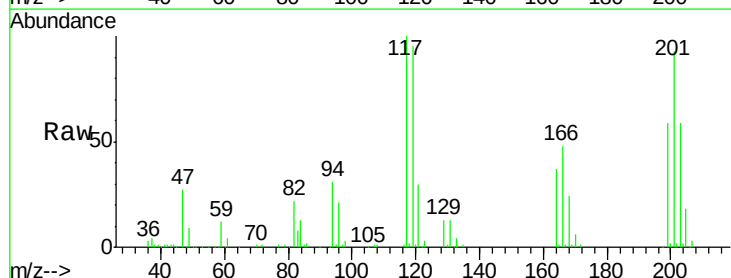
Instrument :
BNA_F
ClientSampleId :
PB105116BS

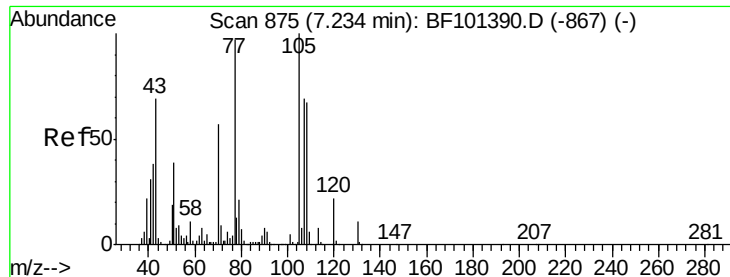
Tgt Ion:107 Resp: 249753
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 60.0 33.8 50.8#
79 52.6 33.8 50.8#



#18
Hexachloroethane
Concen: 37.052 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:117 Resp: 121355
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 93.0 75.7 113.5

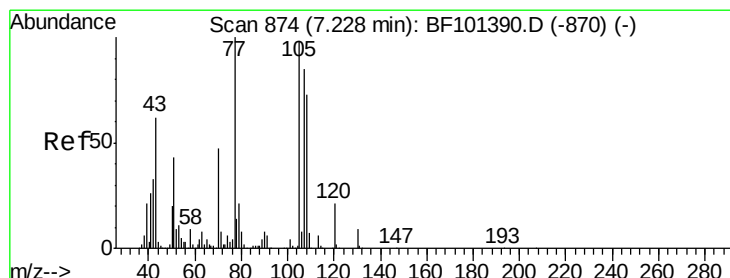
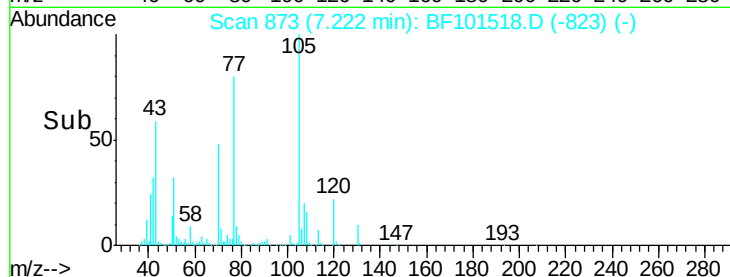
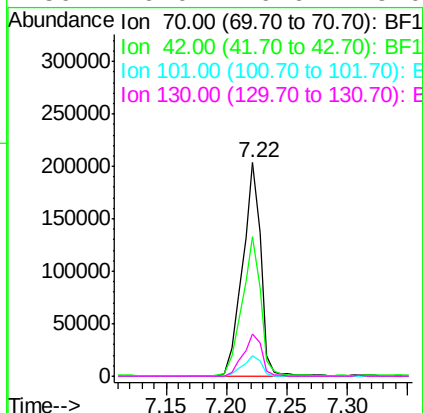
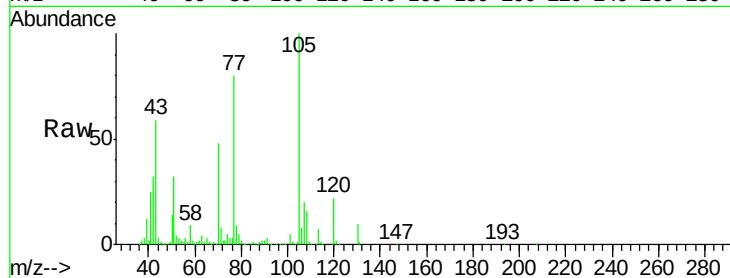




#19
n-Nitroso-di-n-propylamine
Concen: 33.956 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

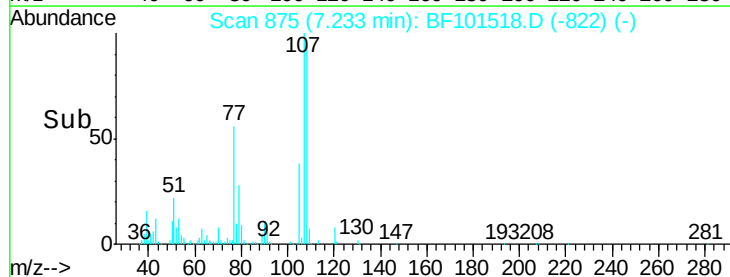
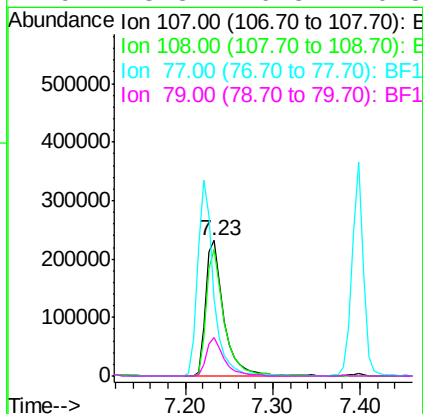
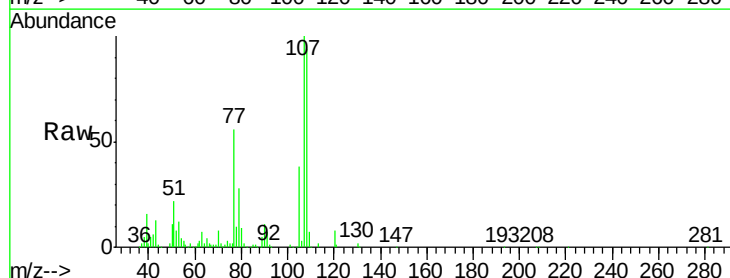
Instrument :
BNA_F
ClientSampleId :
PB105116BS

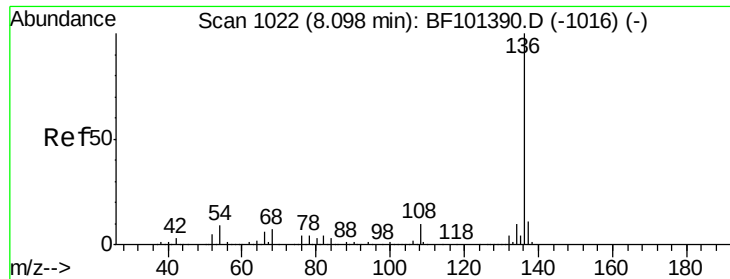
Tgt Ion: 70 Resp: 215644
Ion Ratio Lower Upper
70 100
42 65.5 47.5 71.3
101 9.6 7.4 11.2
130 20.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.560 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion: 107 Resp: 331126
Ion Ratio Lower Upper
107 100
108 93.5 68.2 108.2
77 56.3 26.7 66.7
79 28.3 6.3 46.3

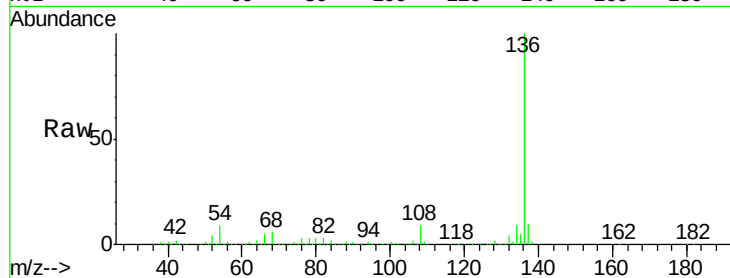




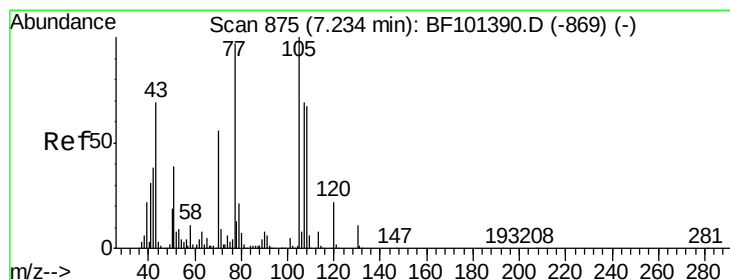
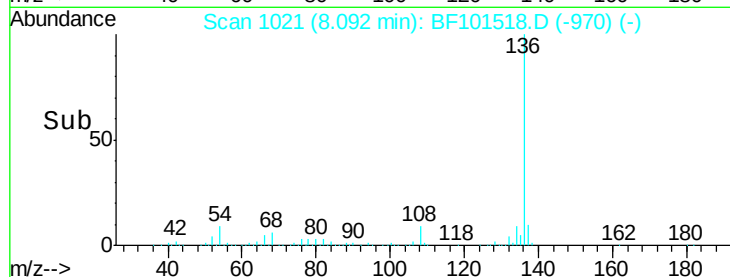
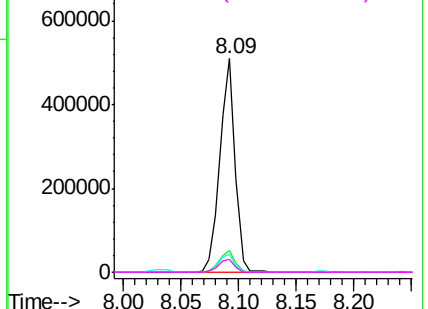
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tgt Ion:	136	Resp:	463721
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

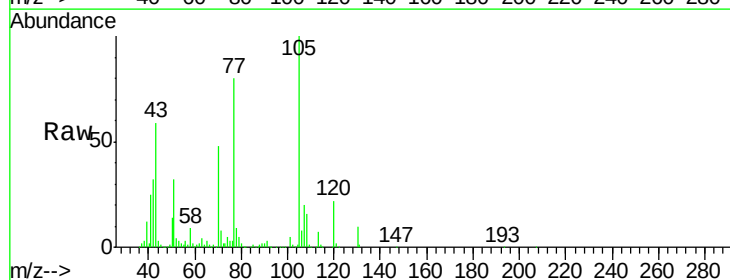


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

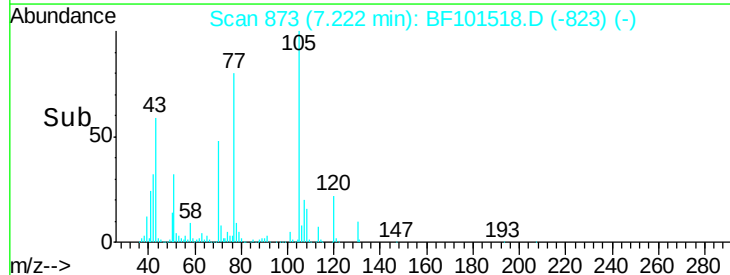
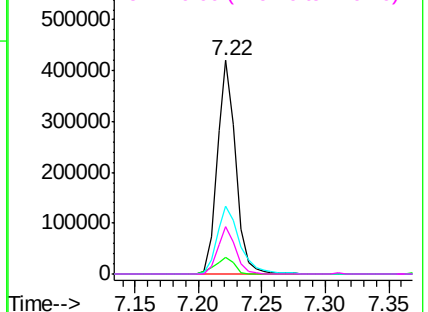


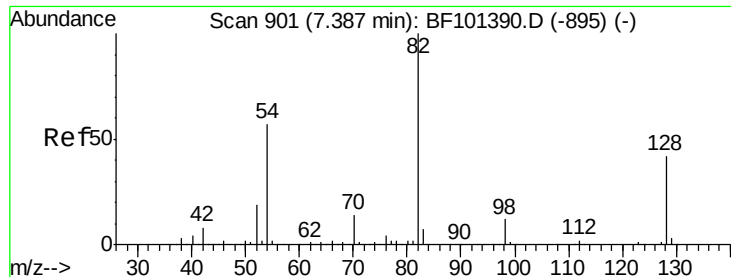
#22
Acetophenone
Concen: 40.495 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:	105	Resp:	428478
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	31.8	22.3	33.5
120	22.1	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

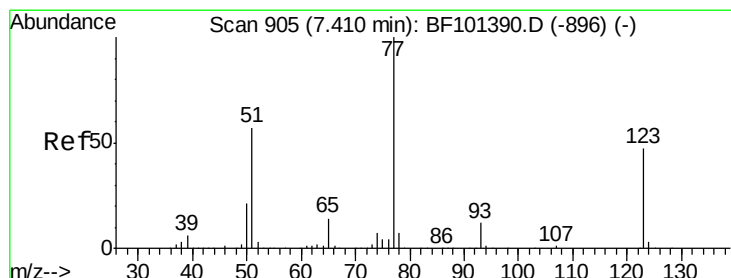
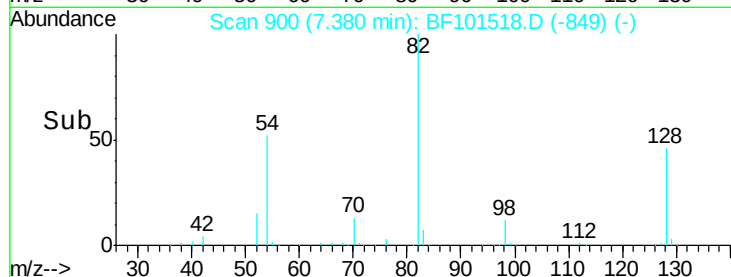
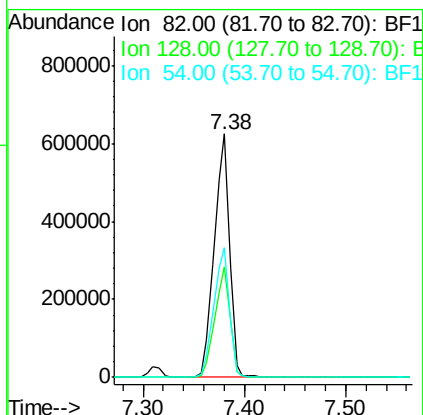
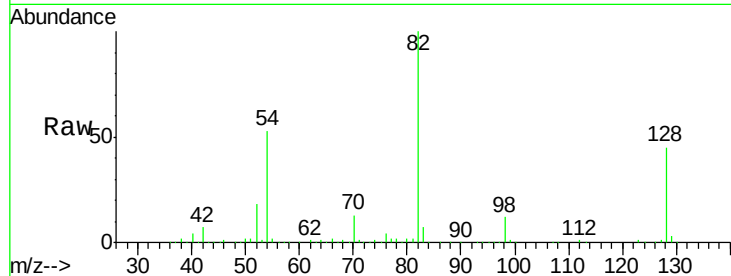




#23
 Nitrobenzene-d5
 Concen: 79.061 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

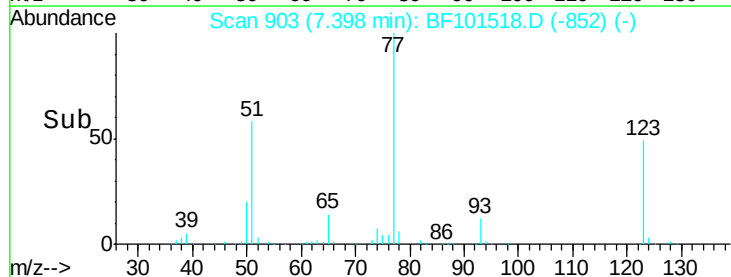
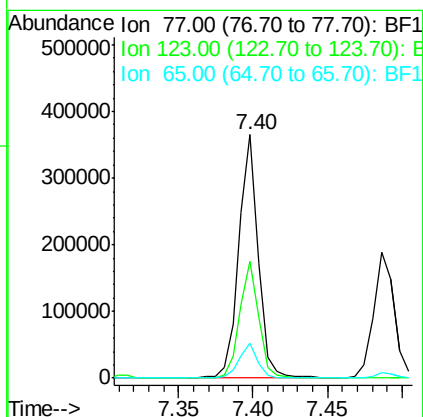
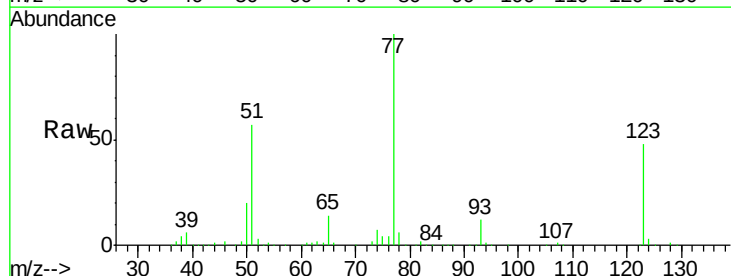
Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

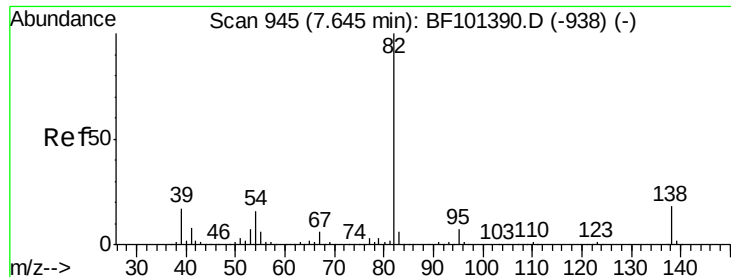
Tgt Ion: 82 Resp: 658616
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 53.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 35.684 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion: 77 Resp: 328993
 Ion Ratio Lower Upper
 77 100
 123 48.0 37.9 56.9
 65 14.2 11.0 16.4





#25

Isophorone

Concen: 35.976 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

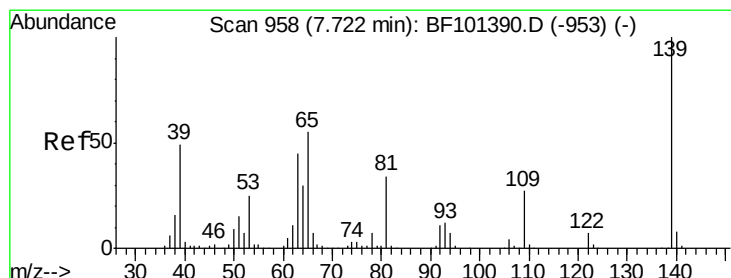
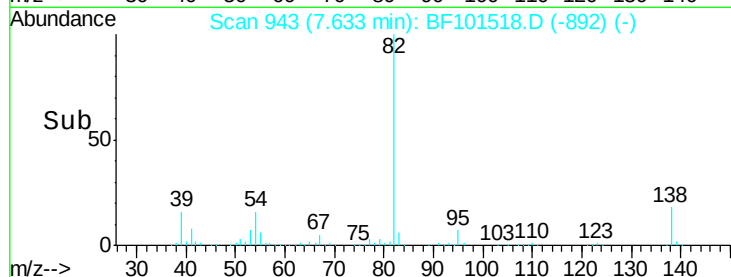
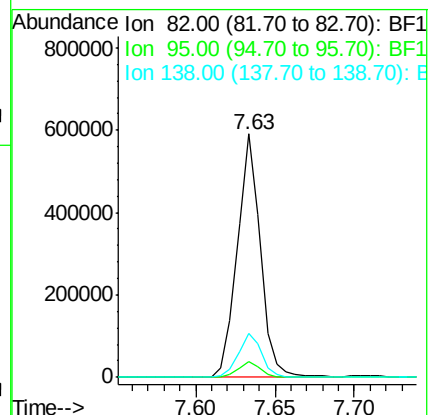
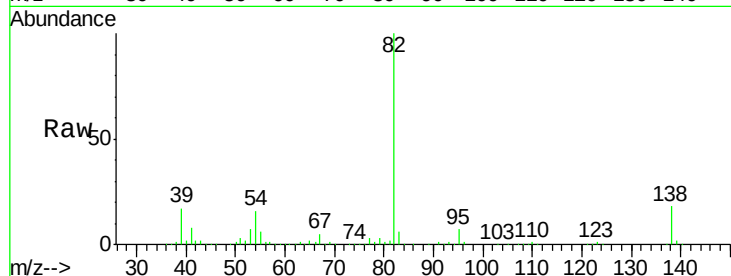
Tgt Ion: 82 Resp: 601208

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 43.081 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

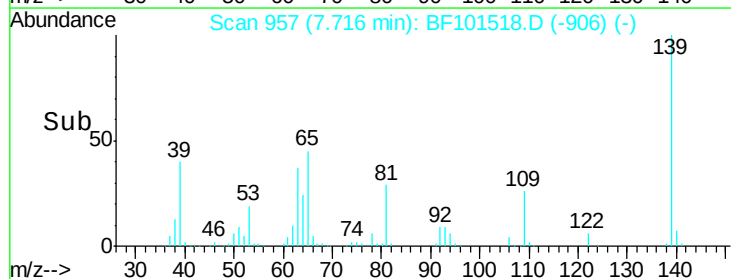
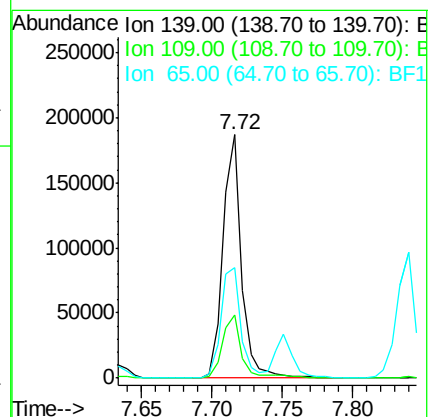
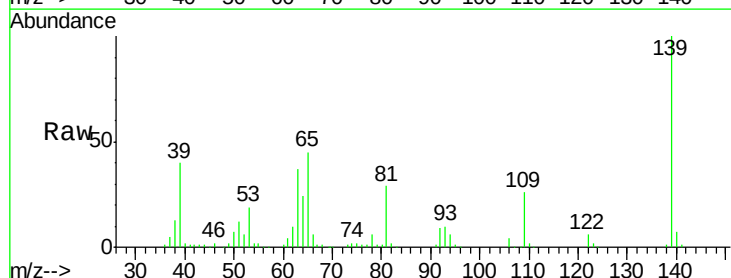
Tgt Ion: 139 Resp: 170643

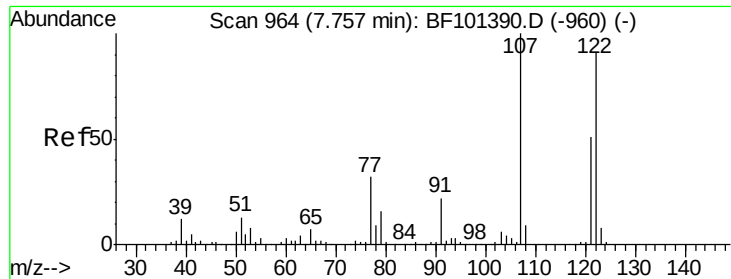
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 45.5 40.5 60.7

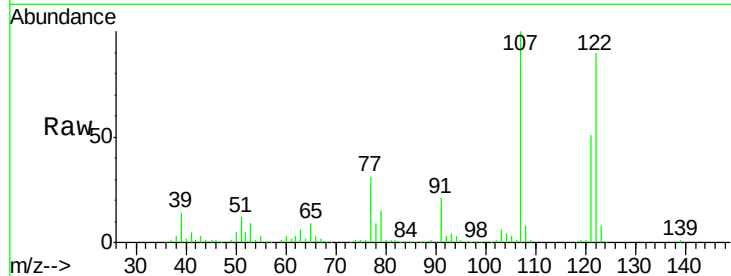




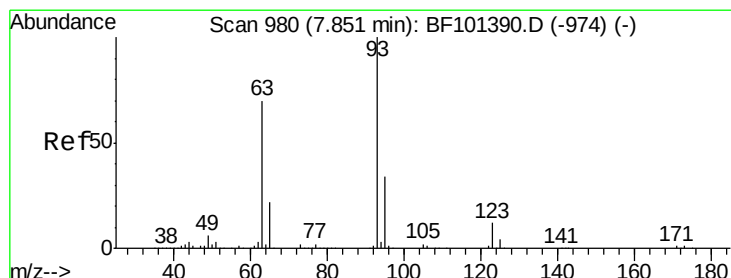
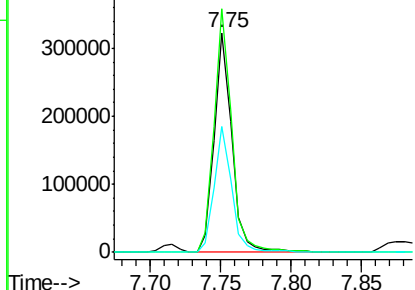
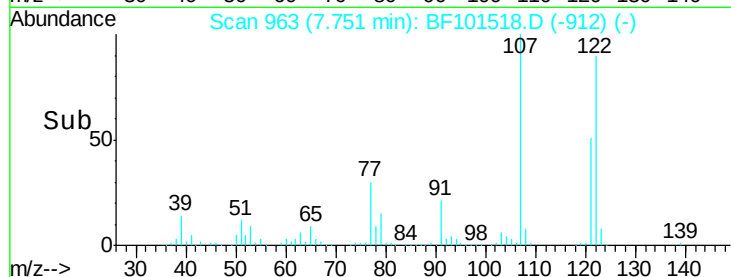
#27
 2,4-Dimethylphenol
 Concen: 42.001 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tgt Ion: 122 Resp: 282632
 Ion Ratio Lower Upper
 122 100
 107 110.9 91.2 136.8
 121 57.1 47.2 70.8

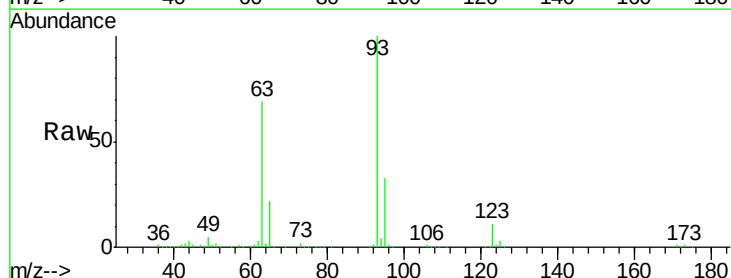


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

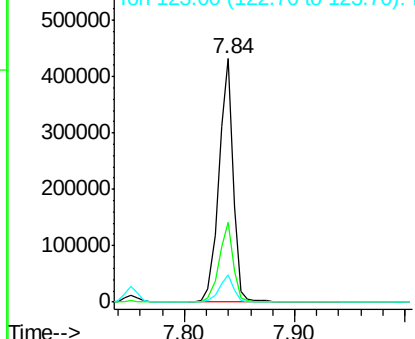
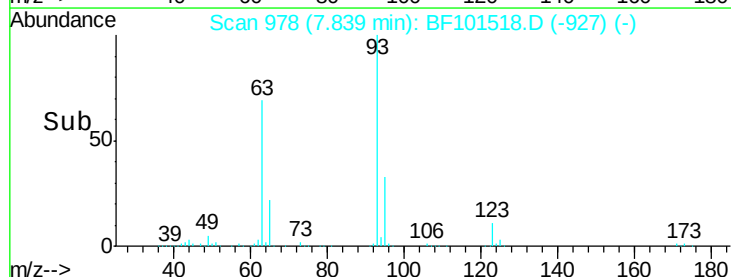


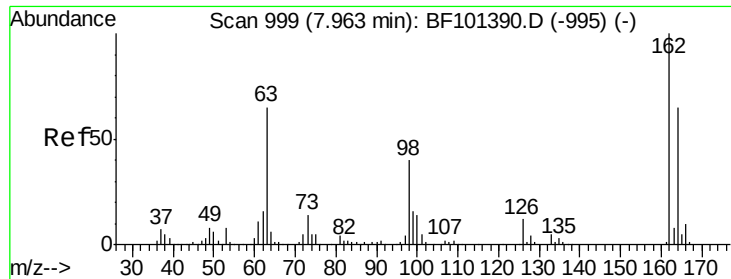
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.503 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion: 93 Resp: 387499
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

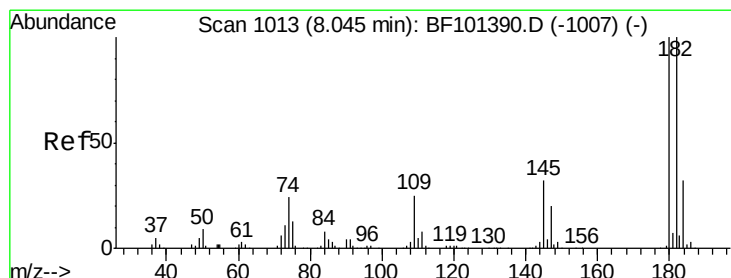
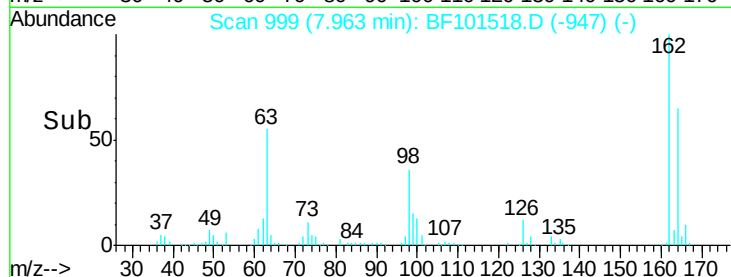
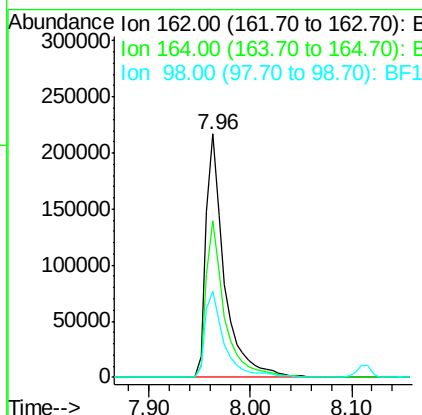
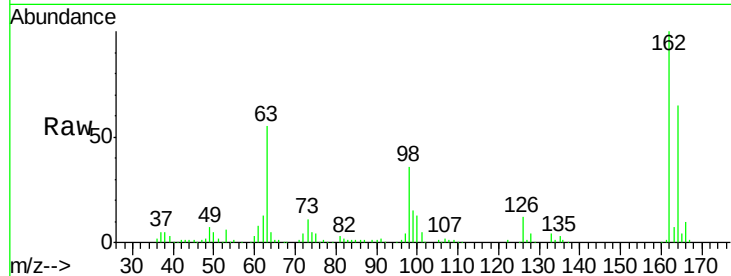




#29
 2,4-Dichlorophenol
 Concen: 41.046 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

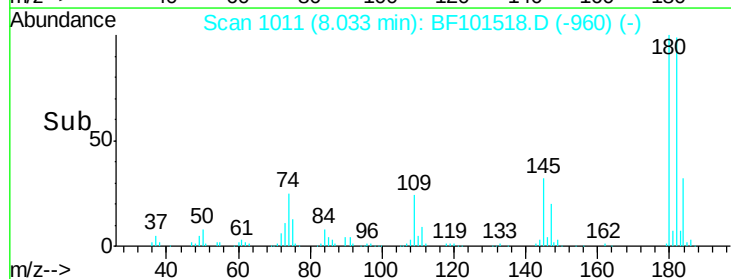
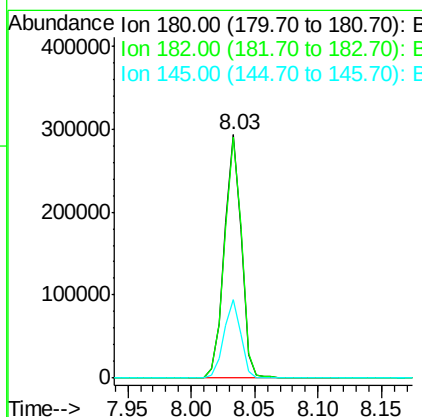
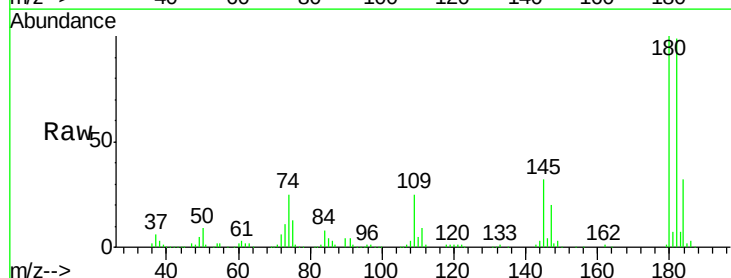
Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

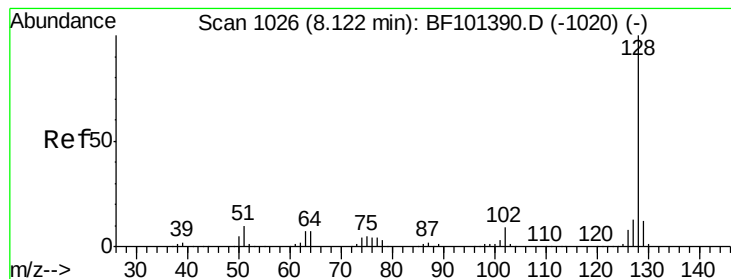
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	35.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.037 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.8	115.2
145	32.0	26.5	39.7





#31

Naphthalene

Concen: 37.326 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

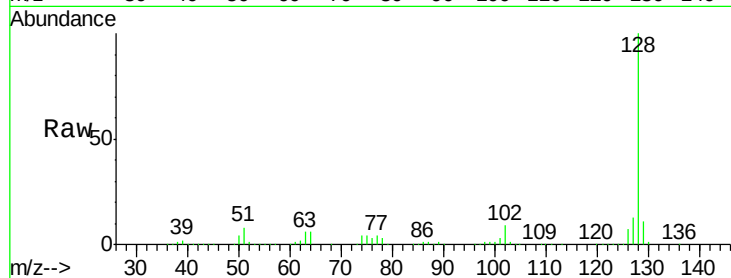
Tgt Ion:128 Resp: 871383

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

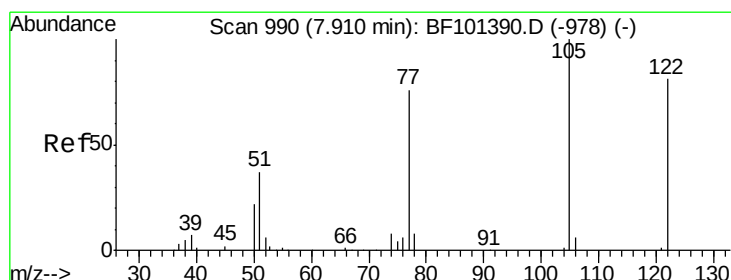
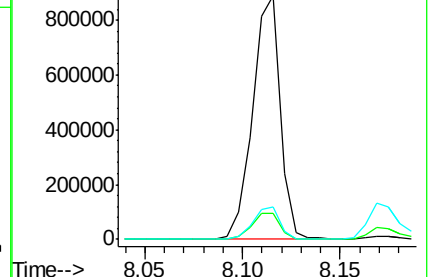
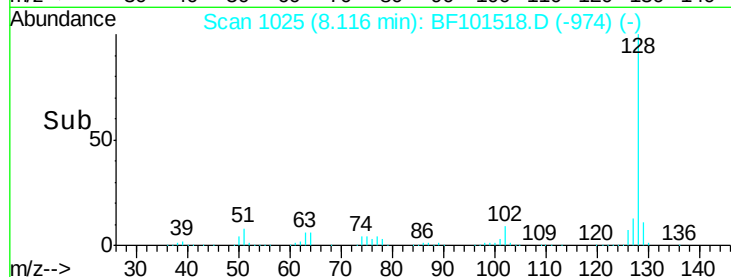
127 13.2 10.9 16.3



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: 15.912 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

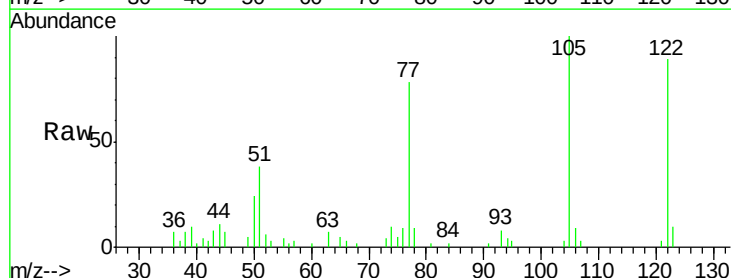
Tgt Ion:122 Resp: 43220

Ion Ratio Lower Upper

122 100

105 112.1 101.1 141.1

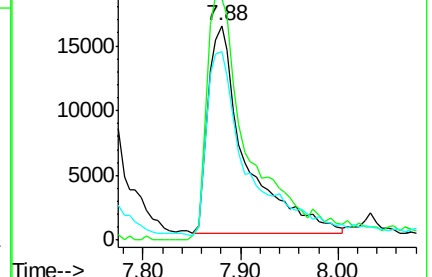
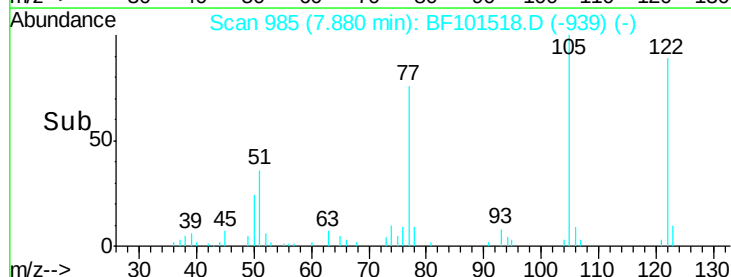
77 87.8 70.7 110.7

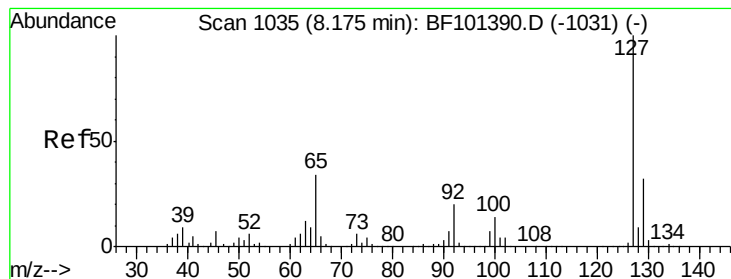


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 16.361 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

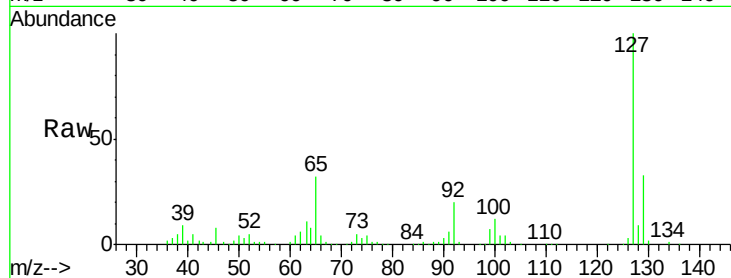
Instrument :

BNA_F

ClientSampleId :

PB105116BS

Tgt Ion:	127	Resp:	166014
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	31.6	25.0	37.4
92	19.9	15.2	22.8

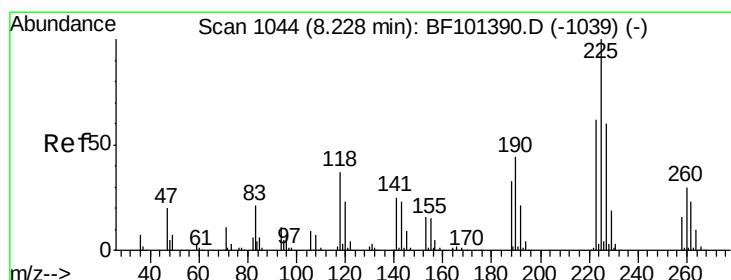
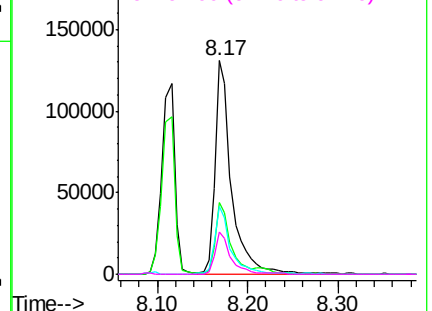
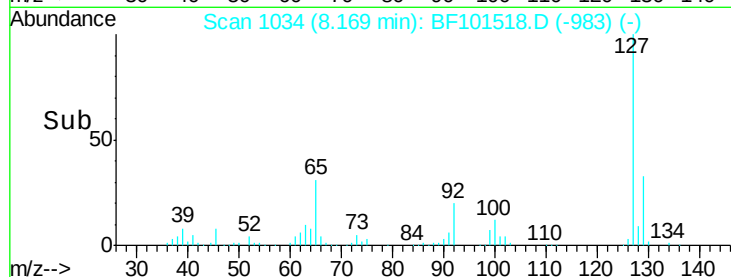


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.467 ng

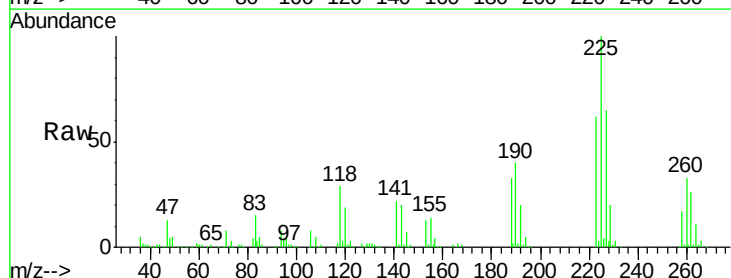
RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

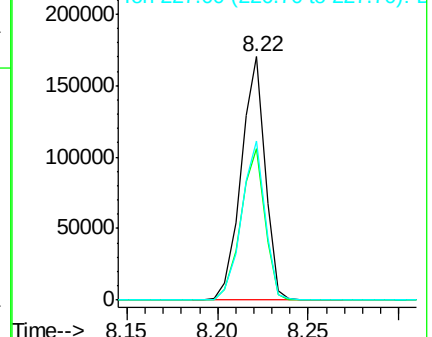
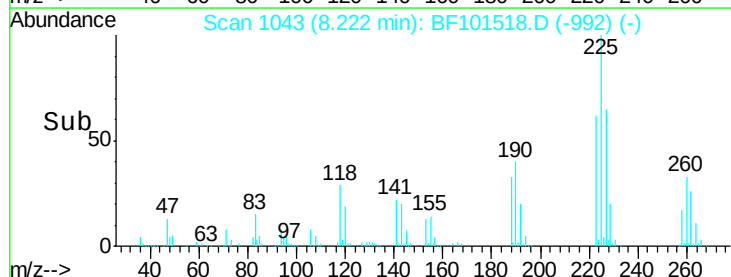
Tgt Ion:	225	Resp:	156088
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	65.1	51.9	77.9

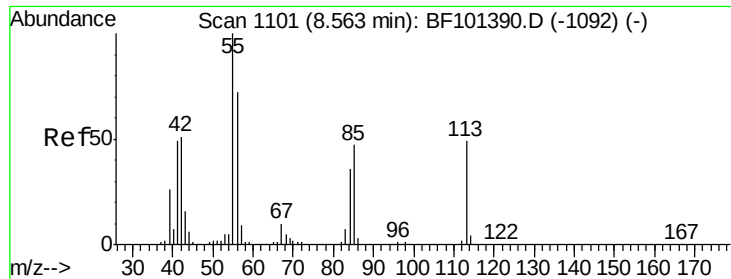


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

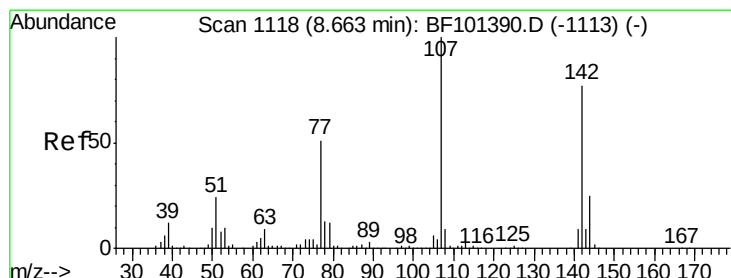
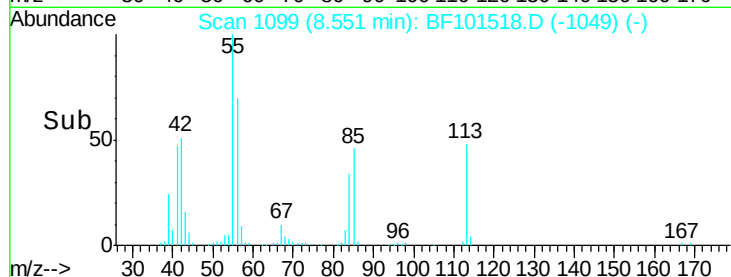
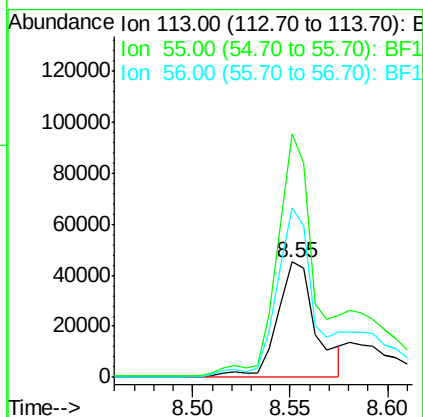
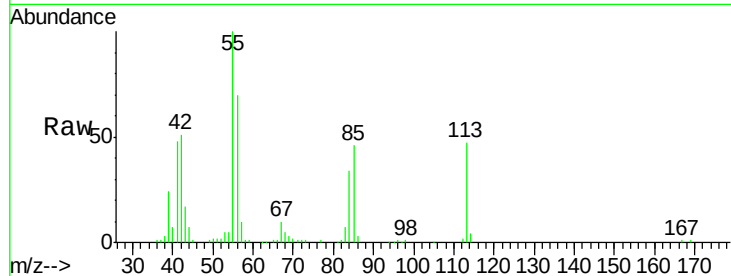




#35
Caprolactam
Concen: 26.933 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

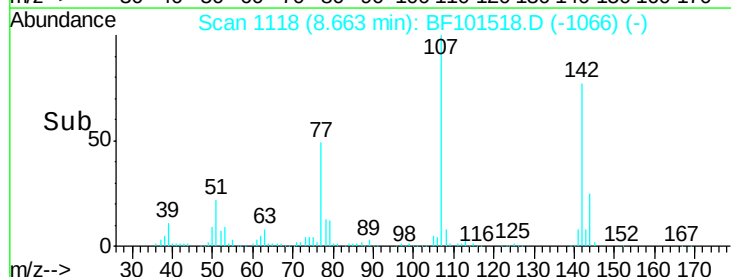
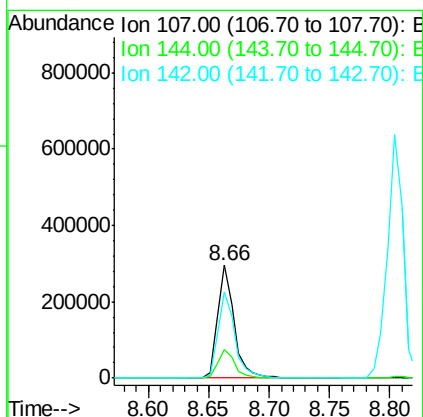
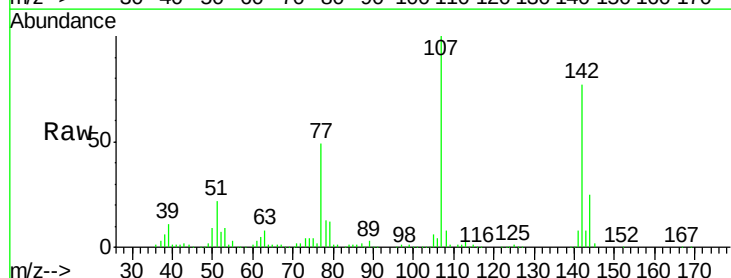
Instrument :
BNA_F
ClientSampleId :
PB105116BS

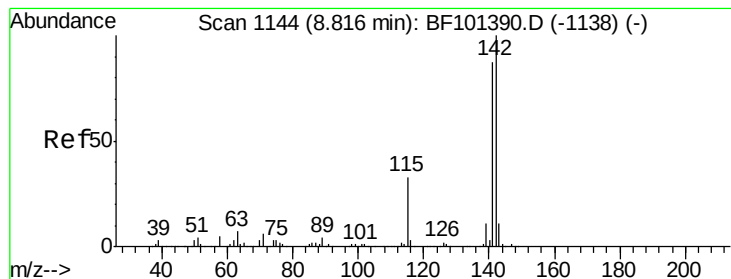
Tgt Ion:113 Resp: 62173
Ion Ratio Lower Upper
113 100
55 210.7 163.3 203.3#
56 146.7 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 37.703 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:107 Resp: 275497
Ion Ratio Lower Upper
107 100
144 25.3 20.5 30.7
142 76.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.878 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

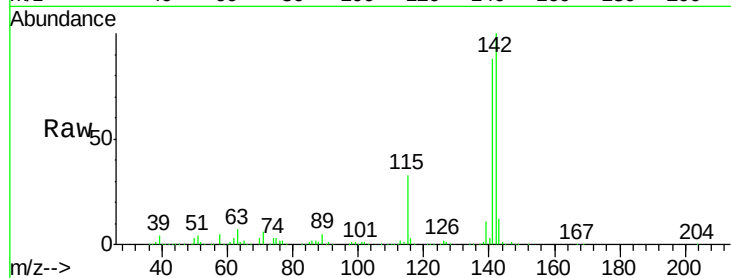
Tgt Ion:142 Resp: 591337

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2

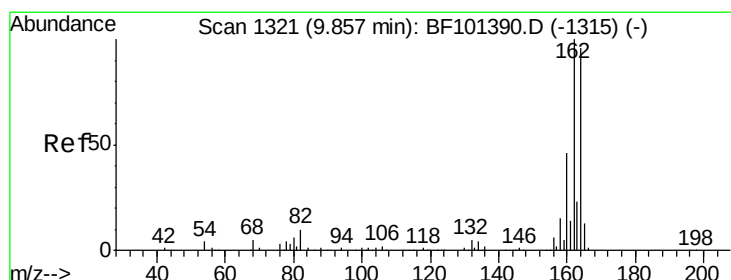
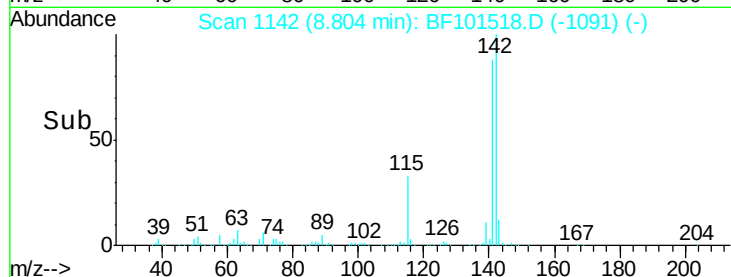
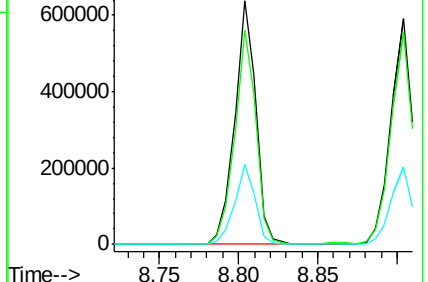
115 32.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

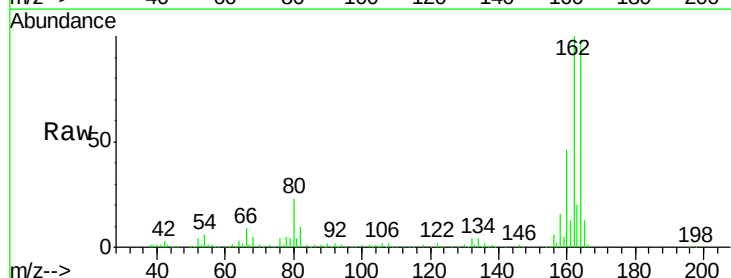
Tgt Ion:164 Resp: 214138

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

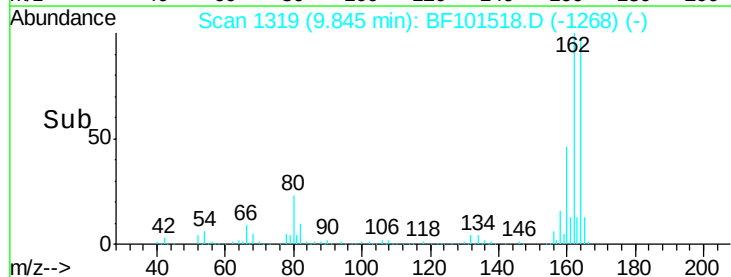
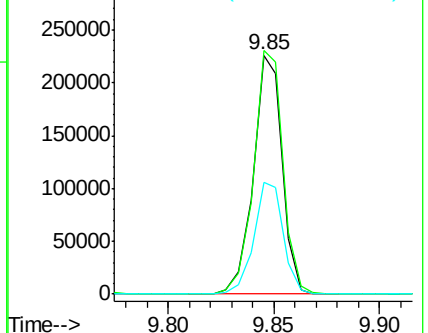
160 46.9 38.3 57.5

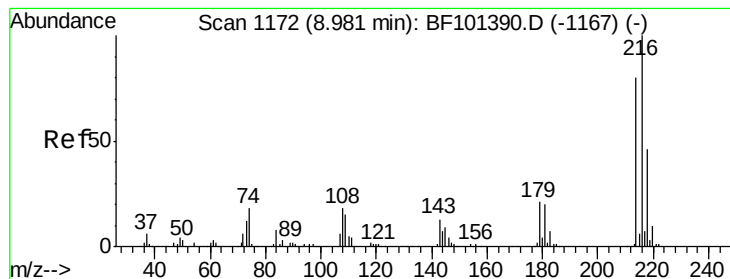


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.592 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

Tgt Ion:216 Resp: 286244

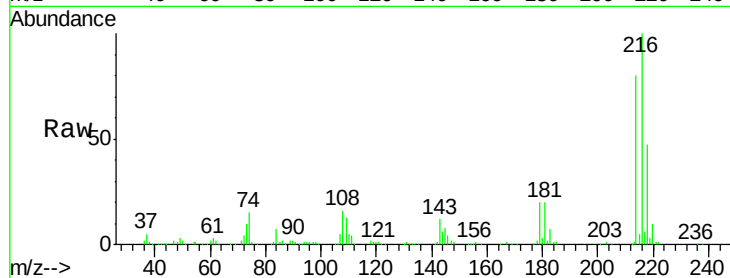
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 20.3 18.1 27.1

108 18.0 17.2 25.8

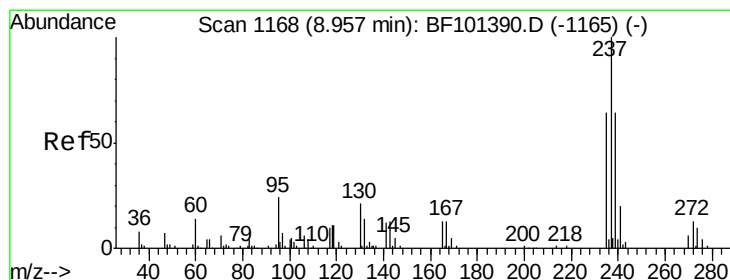
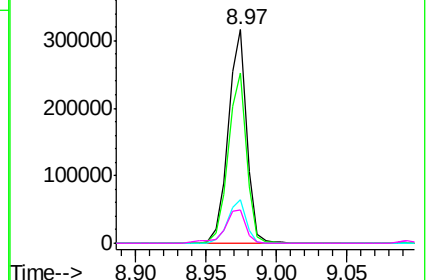
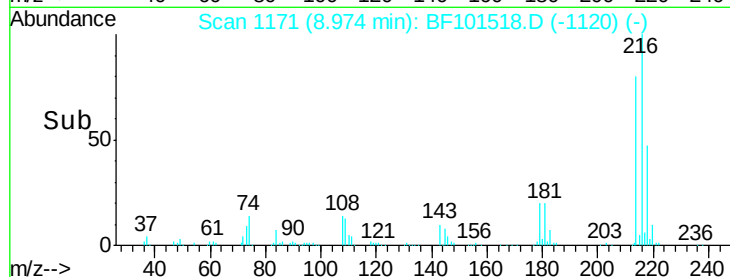


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.077 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

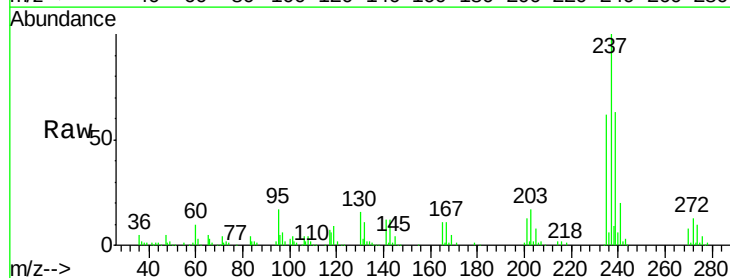
Tgt Ion:237 Resp: 87997

Ion Ratio Lower Upper

237 100

235 61.9 44.8 84.8

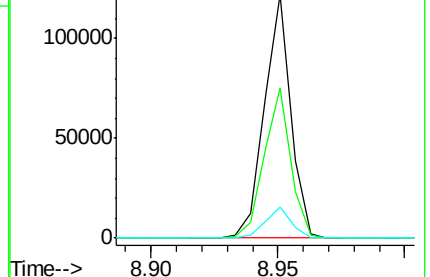
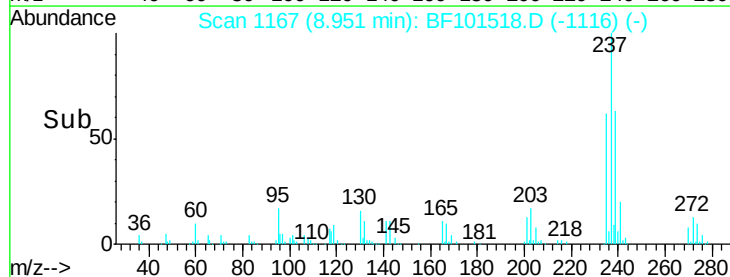
272 13.0 0.0 33.3

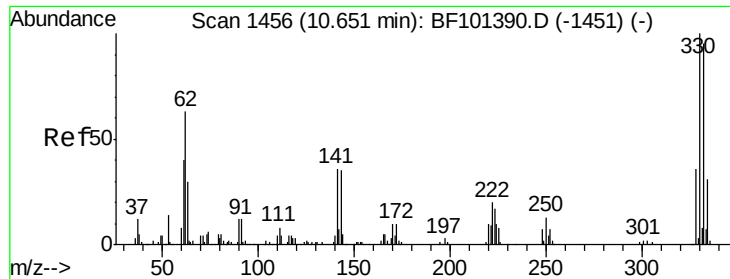


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

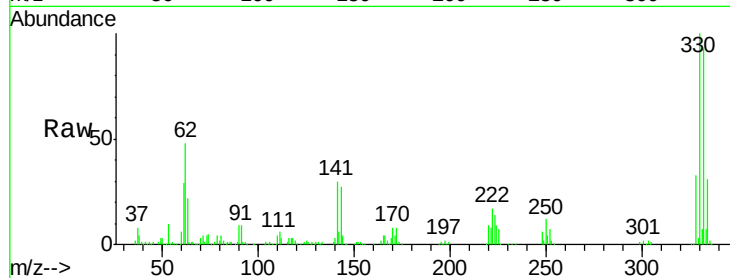




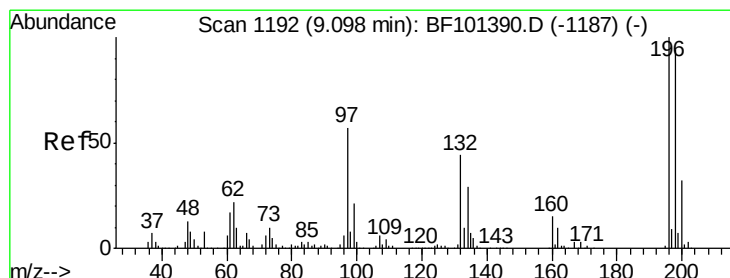
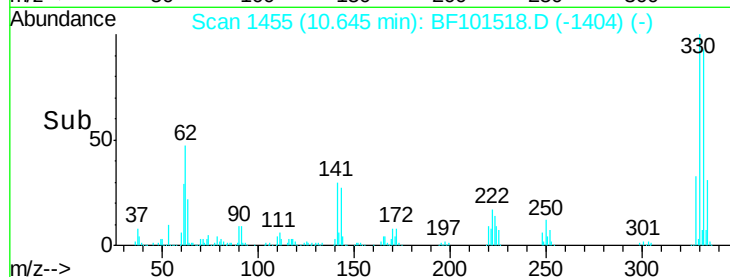
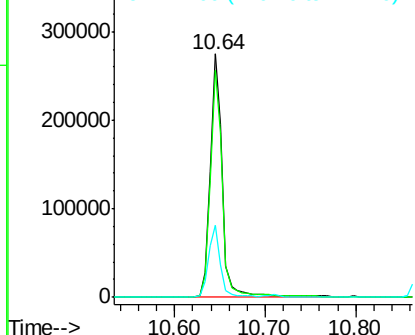
#41
 2,4,6-Tribromophenol
 Concen: 126.315 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tgt Ion:330 Resp: 260636
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 29.3 29.9 44.9#

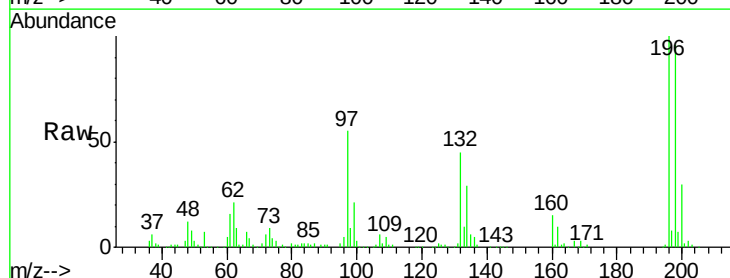


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

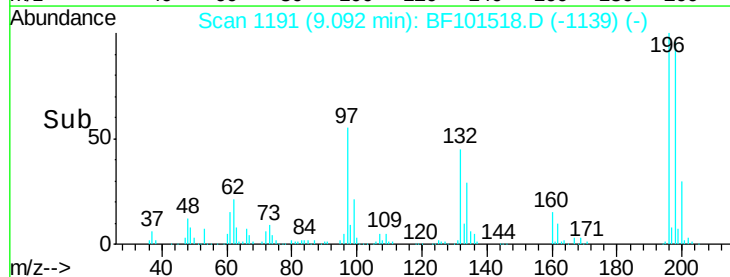
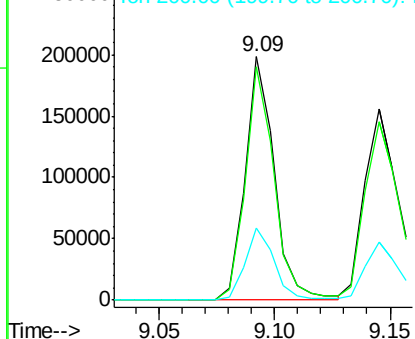


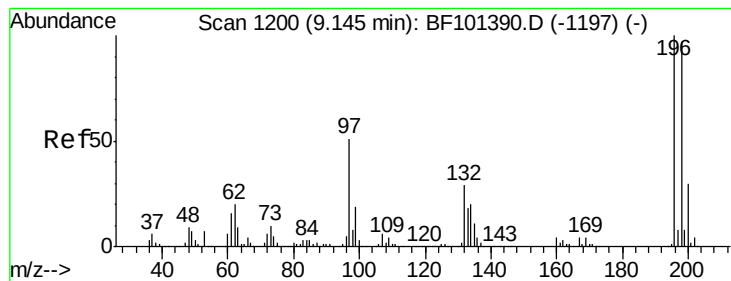
#42
 2,4,6-Trichlorophenol
 Concen: 40.258 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion:196 Resp: 175225
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 29.6 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 37.411 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

Tgt Ion:196 Resp: 178295

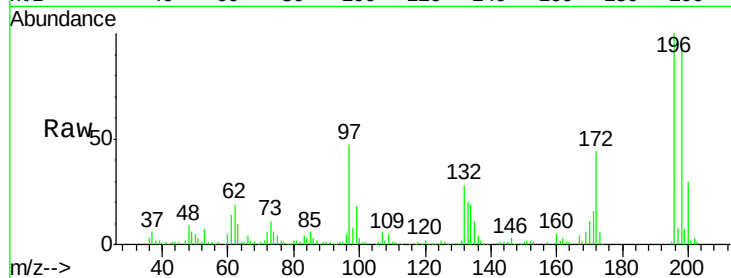
Ion Ratio Lower Upper

196 100

198 93.4 74.6 112.0

97 47.4 42.9 64.3

132 28.5 26.3 39.5

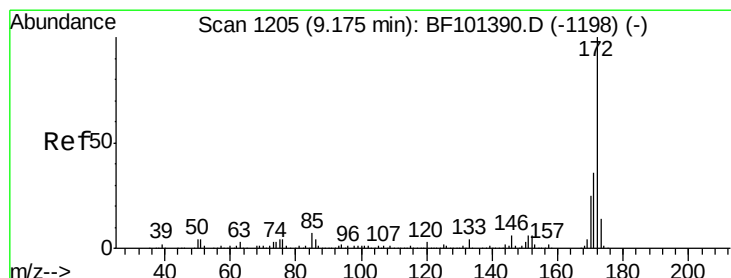
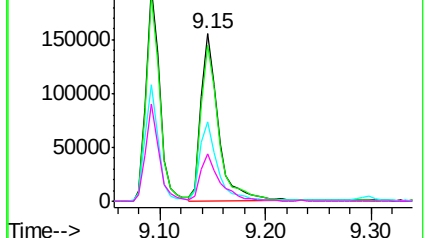
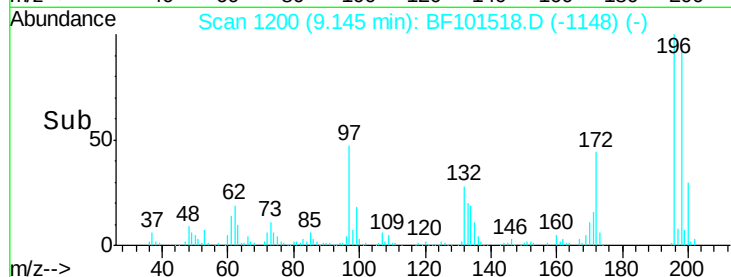


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 84.774 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

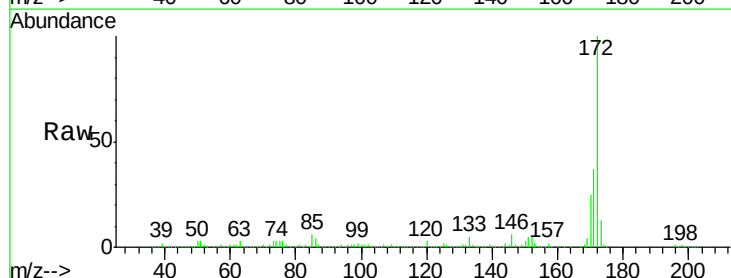
Tgt Ion:172 Resp: 1170243

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

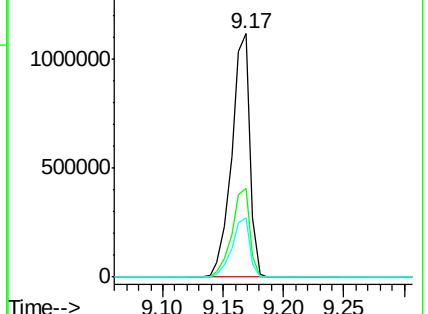
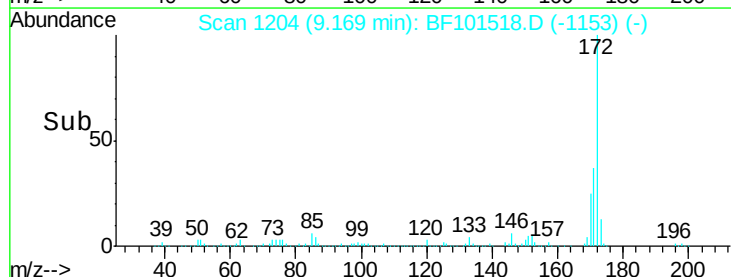
170 24.5 19.6 29.4

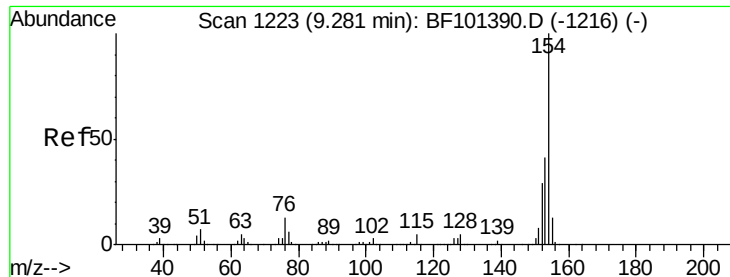


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

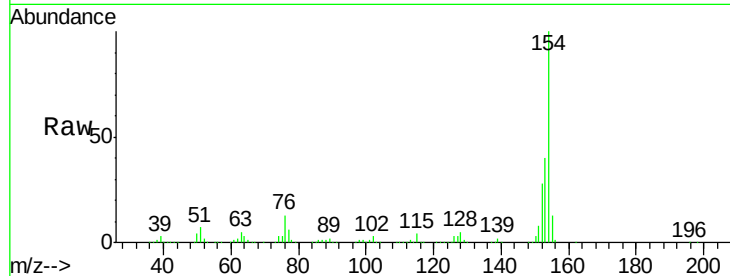




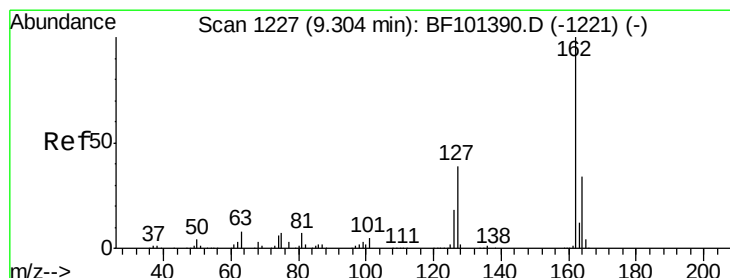
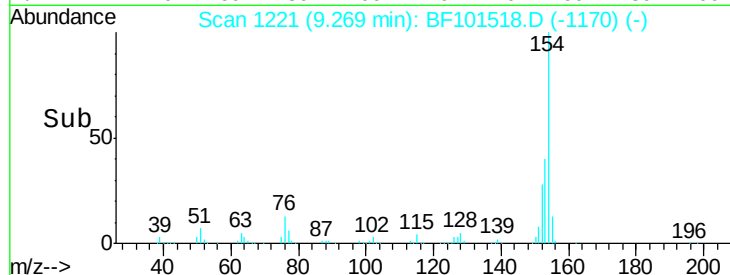
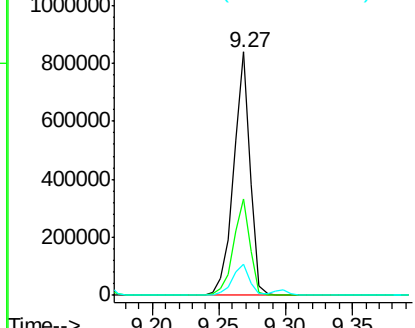
#45
1,1'-Biphenyl
Concen: 38.090 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tgt Ion:154 Resp: 723359
Ion Ratio Lower Upper
154 100
153 39.7 21.3 61.3
76 12.7 0.0 34.0

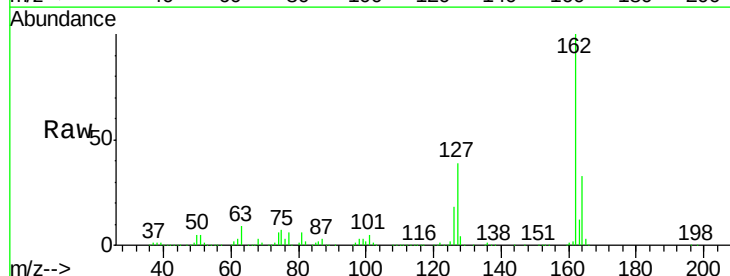


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

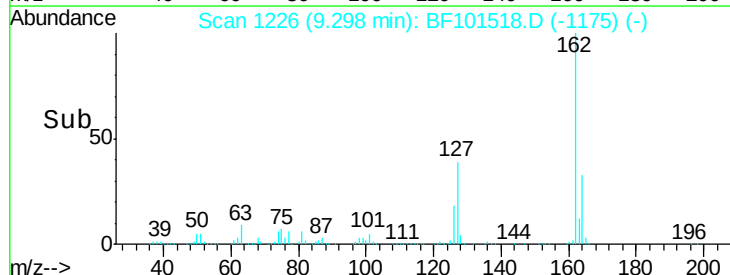
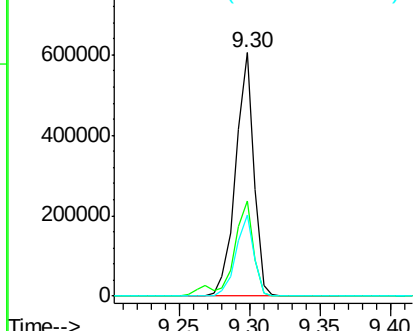


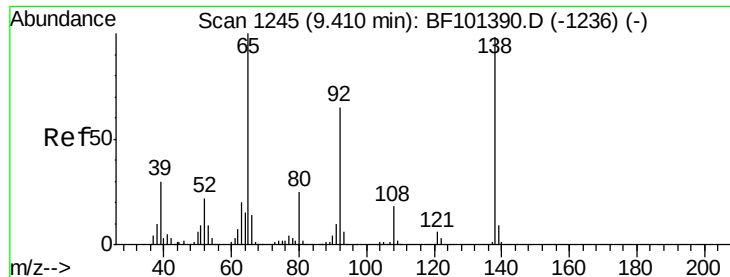
#46
2-Chloronaphthalene
Concen: 37.287 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:162 Resp: 541821
Ion Ratio Lower Upper
162 100
127 39.0 33.9 50.9
164 33.5 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: 36.364 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

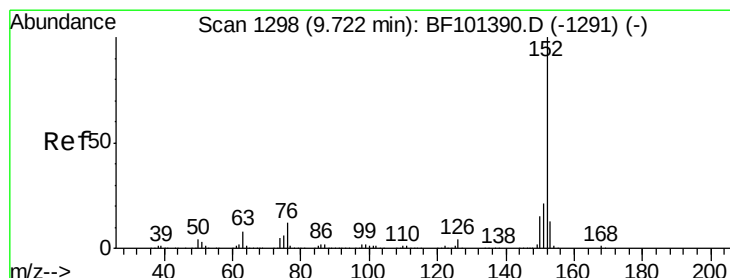
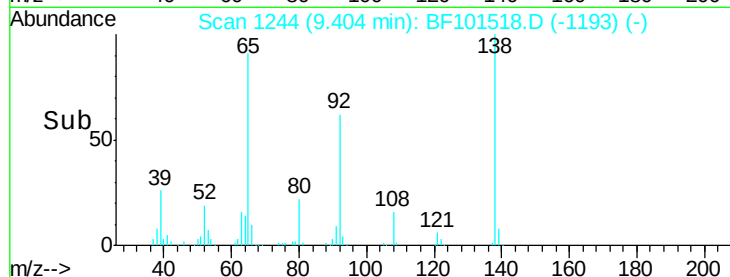
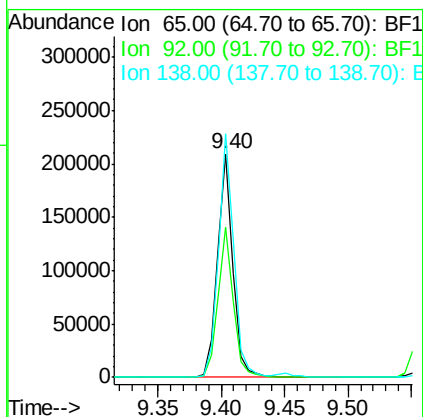
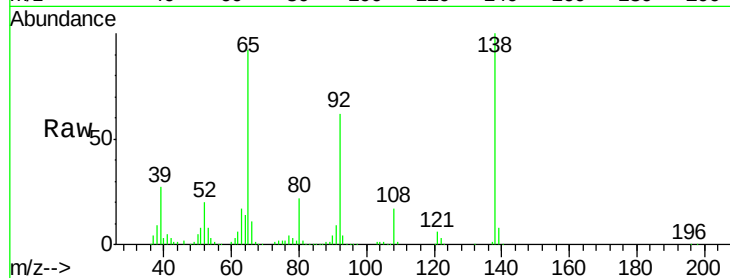
Tgt Ion: 65 Resp: 182537

Ion Ratio Lower Upper

65 100

92 67.6 55.8 83.6

138 109.1 91.2 136.8



#48

Acenaphthylene

Concen: 35.506 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

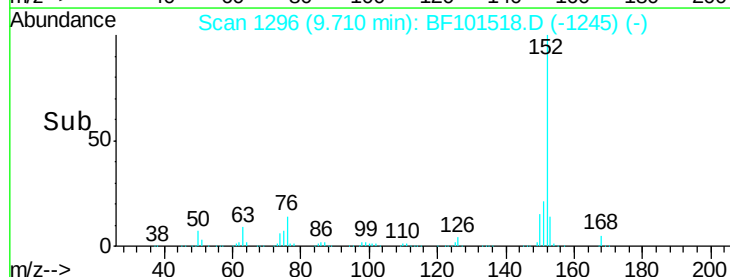
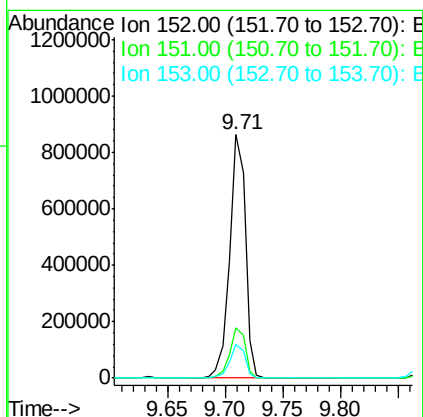
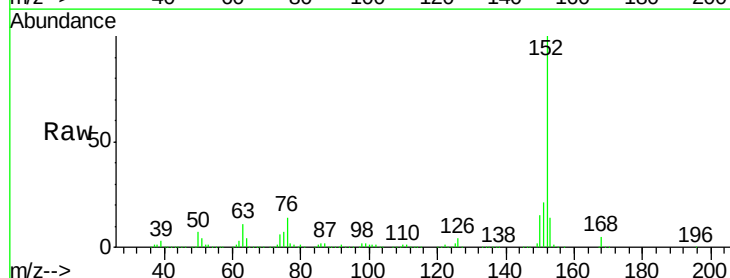
Tgt Ion: 152 Resp: 814908

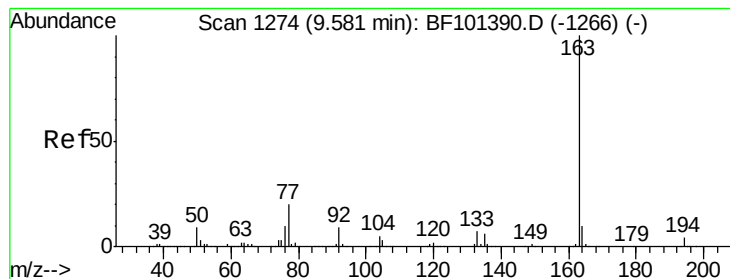
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 35.126 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

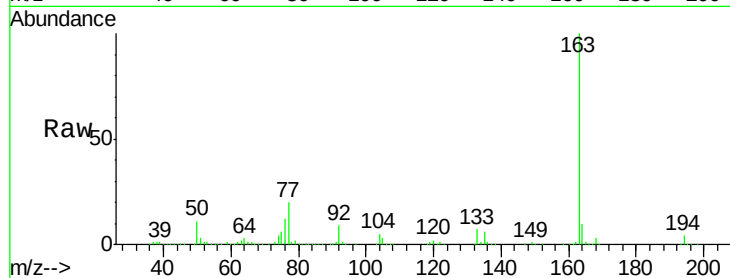
Tgt Ion:163 Resp: 605024

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

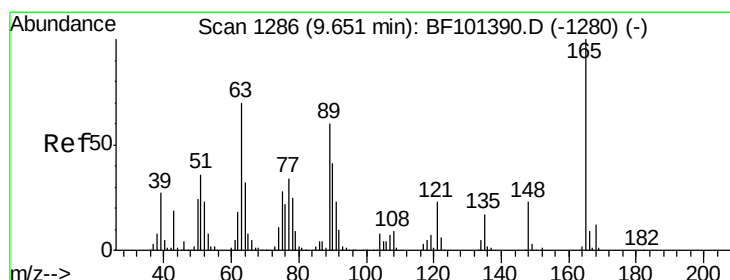
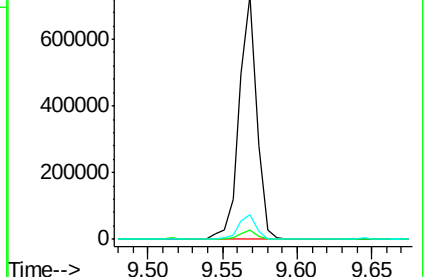
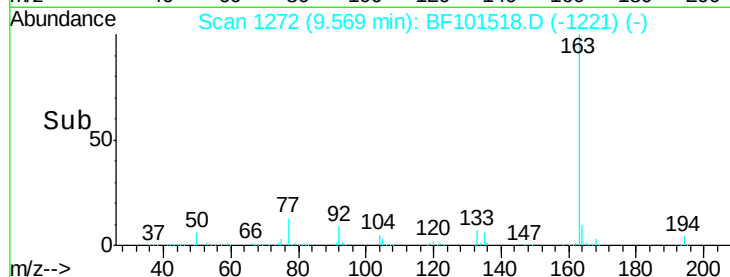
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.299 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

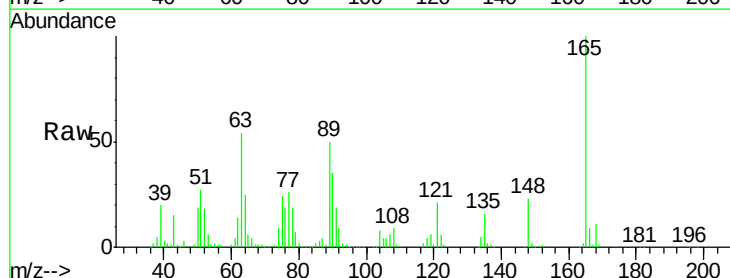
Tgt Ion:165 Resp: 137576

Ion Ratio Lower Upper

165 100

63 54.2 44.7 67.1

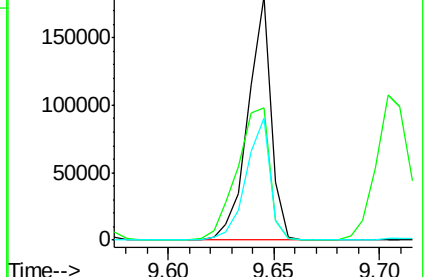
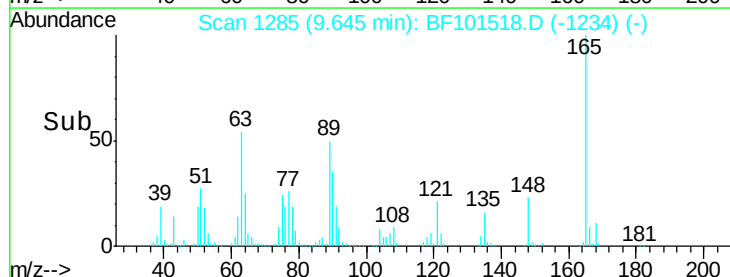
89 50.3 44.0 66.0

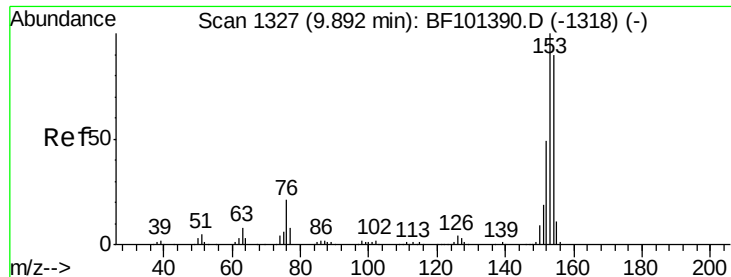


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.743 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

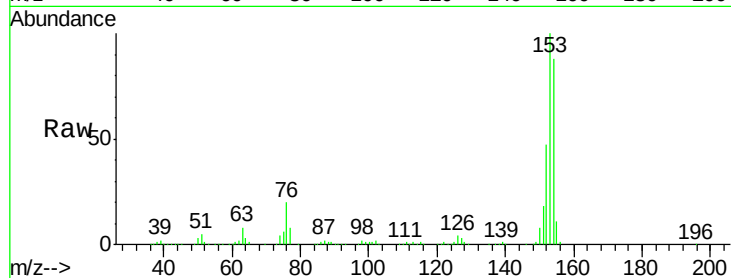
Tgt Ion:154 Resp: 492866

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

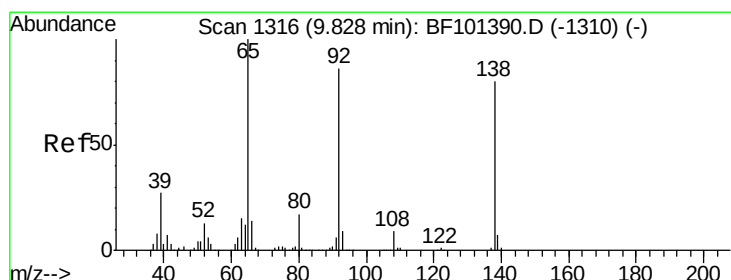
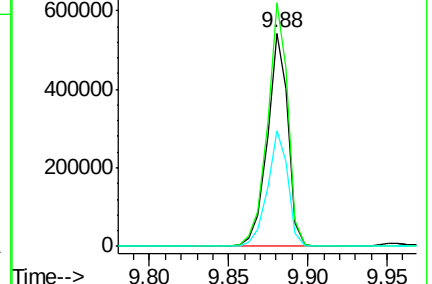
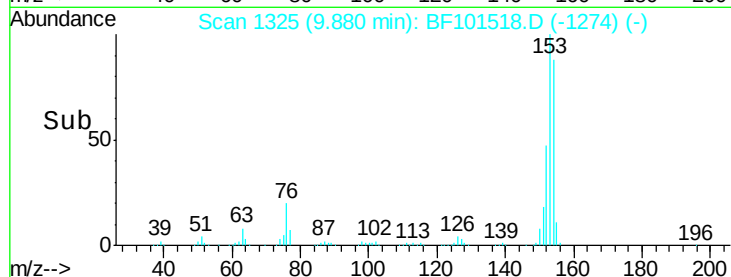
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.744 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

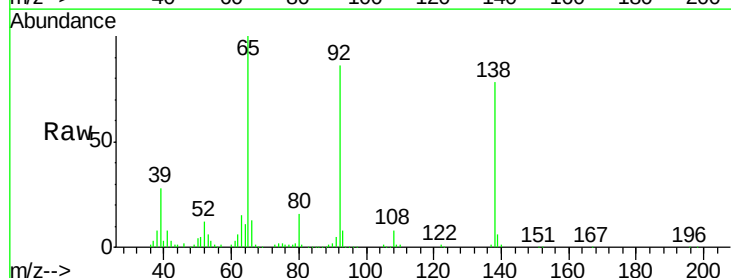
Tgt Ion:138 Resp: 112362

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

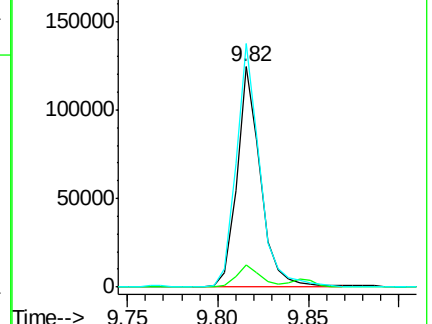
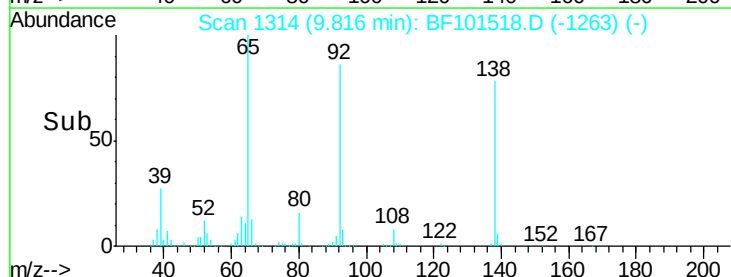
92 110.5 89.4 134.2

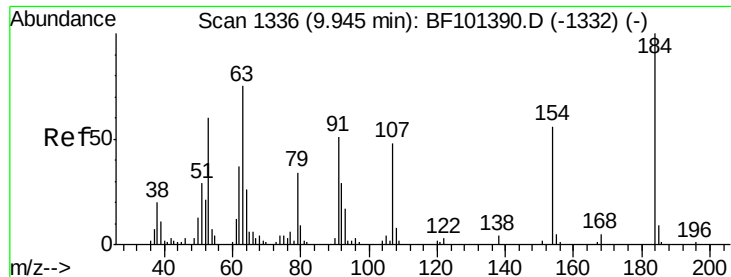


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

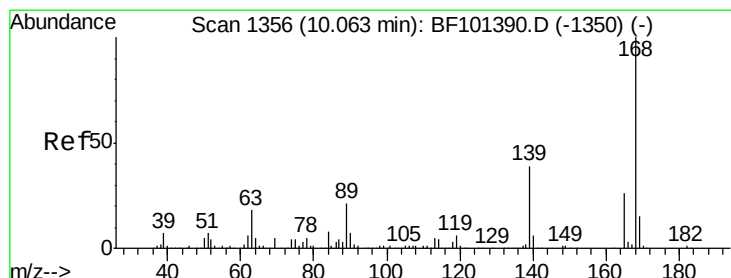
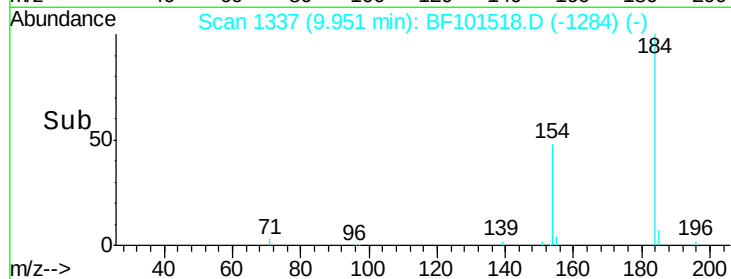
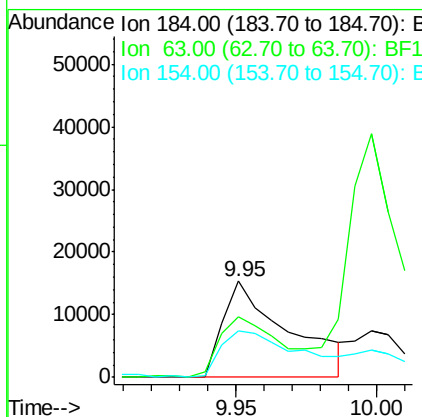
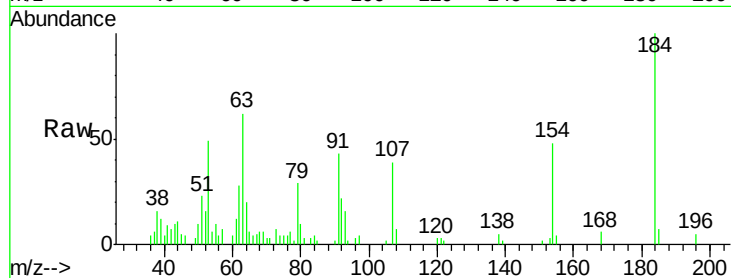




#53
2,4-Dinitrophenol
Concen: 27.913 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

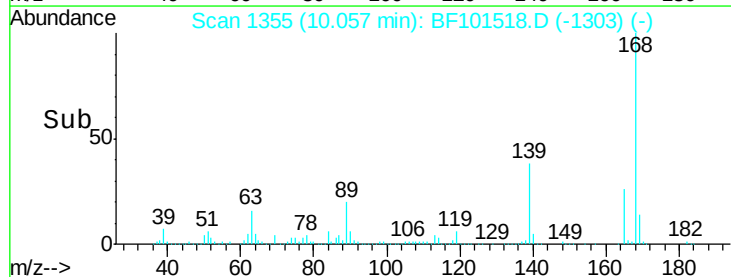
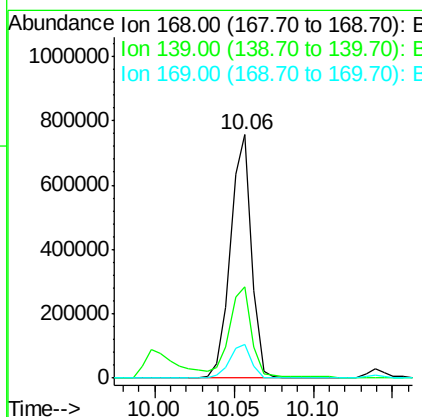
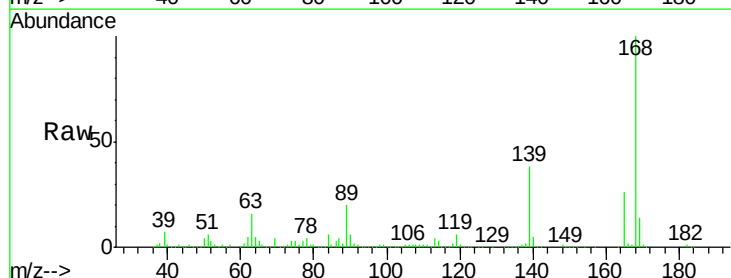
Instrument :
BNA_F
ClientSampleId :
PB105116BS

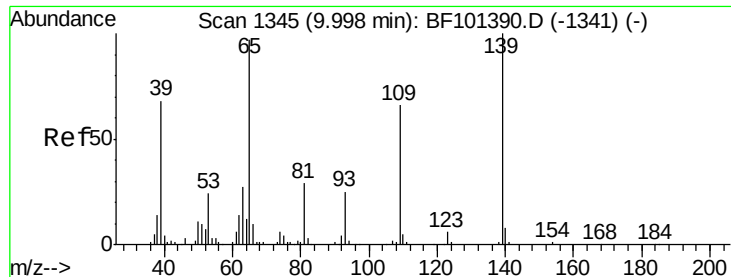
Tgt Ion:184 Resp: 24627
Ion Ratio Lower Upper
184 100
63 62.4 54.2 81.2
154 48.0 184.0 276.0#



#54
Dibenzofuran
Concen: 39.604 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:168 Resp: 694012
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 14.1 10.9 16.3

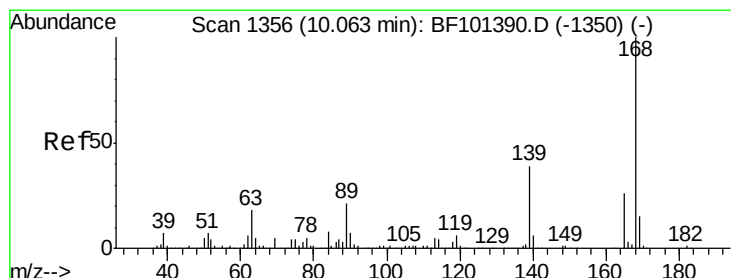
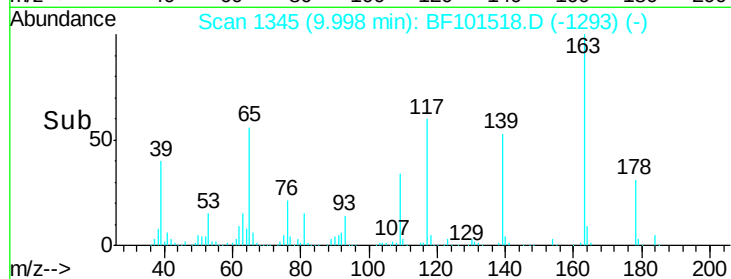
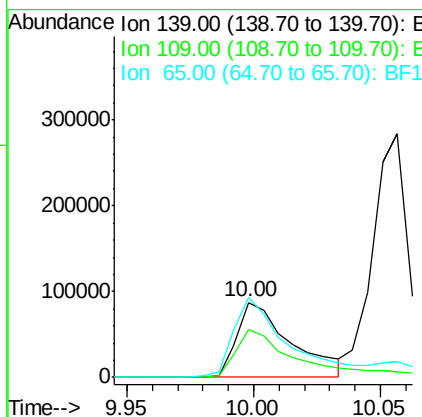
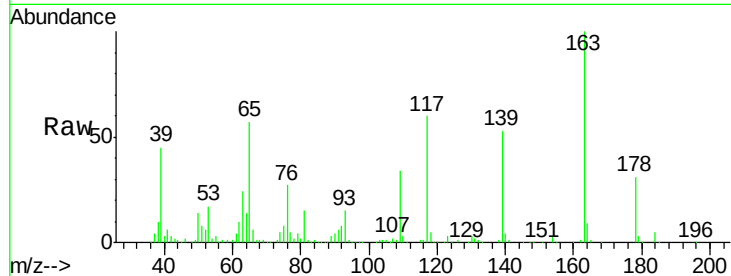




#55
4-Nitrophenol
Concen: 67.898 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

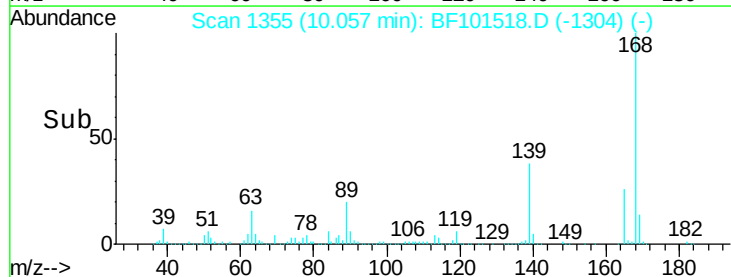
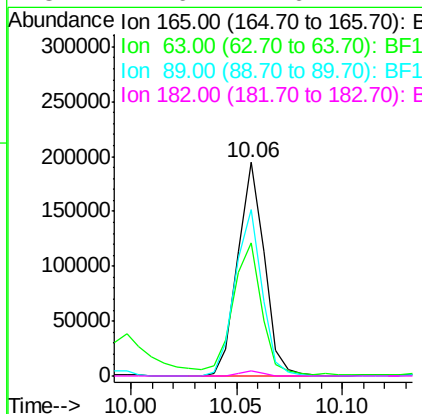
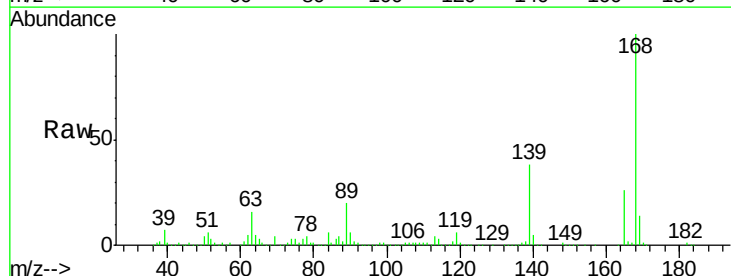
Instrument :
BNA_F
ClientSampleId :
PB105116BS

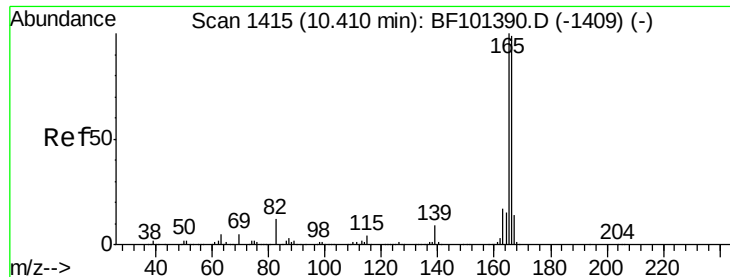
Tgt Ion:139 Resp: 129219
Ion Ratio Lower Upper
139 100
109 64.3 48.4 88.4
65 106.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.087 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:165 Resp: 169945
Ion Ratio Lower Upper
165 100
63 62.5 36.4 54.6#
89 78.2 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 39.078 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

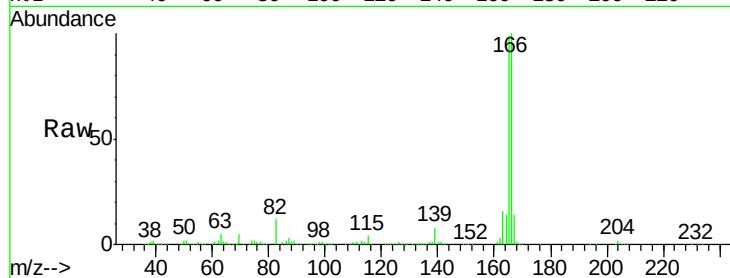
Tgt Ion:166 Resp: 579299

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

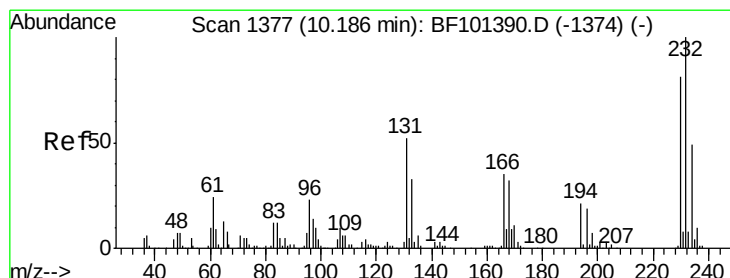
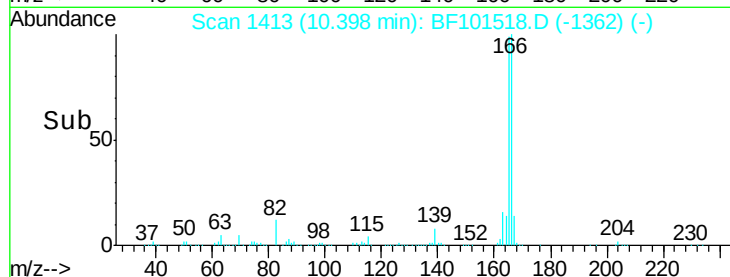
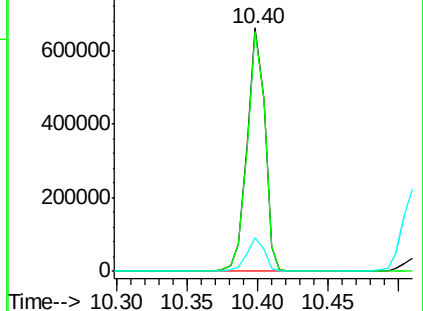
167 13.6 10.6 16.0



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: 41.571 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:232 Resp: 142340

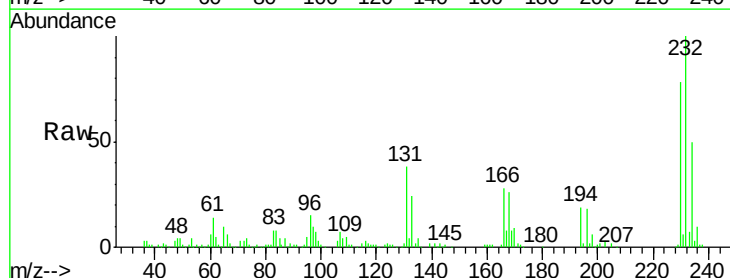
Ion Ratio Lower Upper

232 100

131 41.6 43.8 65.8#

130 2.2 2.1 3.1

166 28.0 27.8 41.6

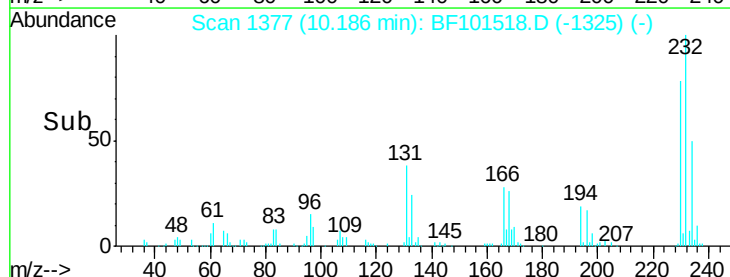
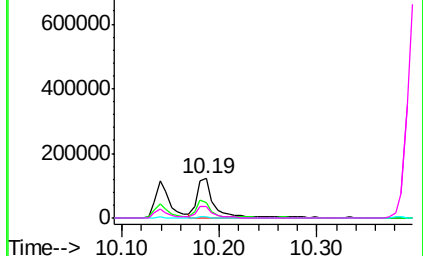


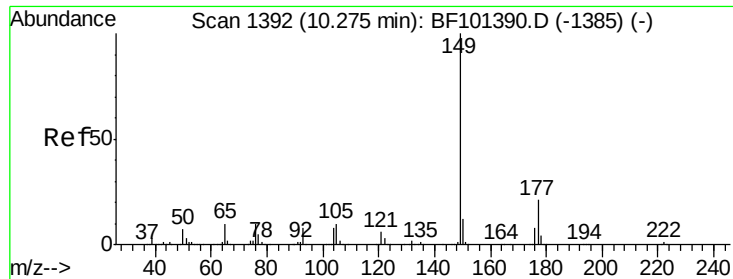
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

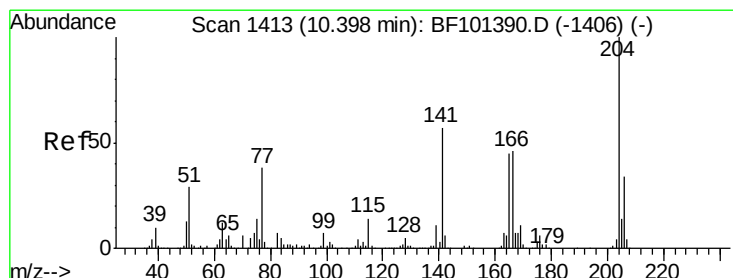
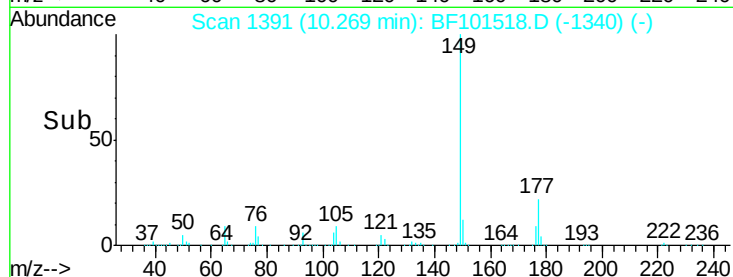
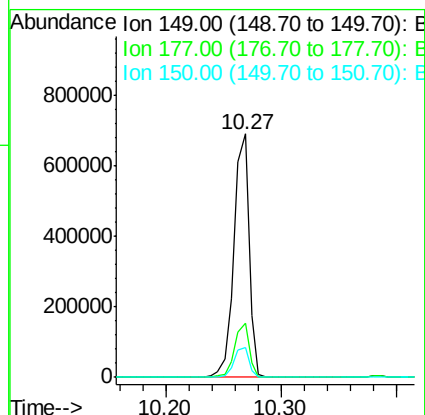
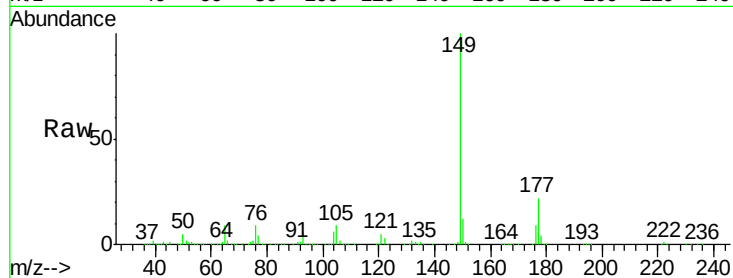




#59
Diethylphthalate
Concen: 37.009 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

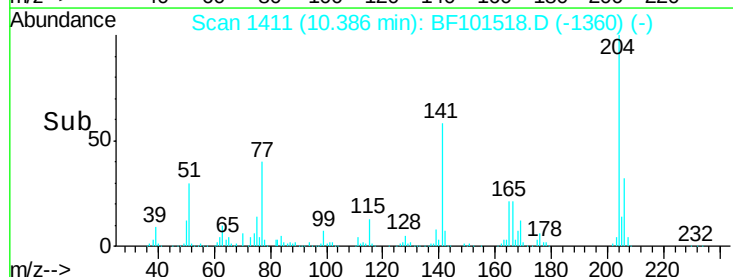
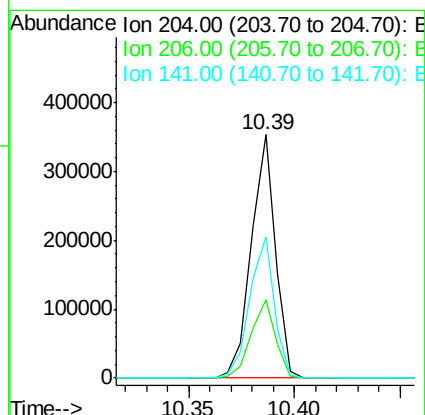
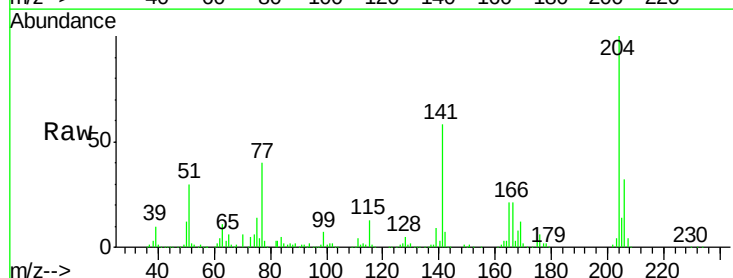
Instrument :
BNA_F
ClientSampleId :
PB105116BS

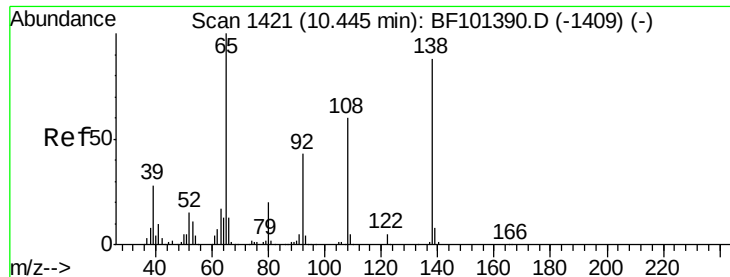
Tgt Ion:149 Resp: 631268
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.686 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:204 Resp: 281953
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 57.9 54.6 81.8

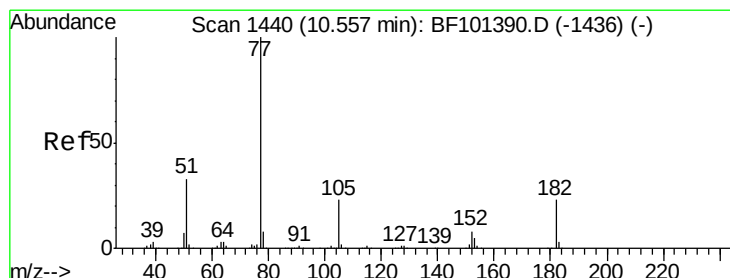
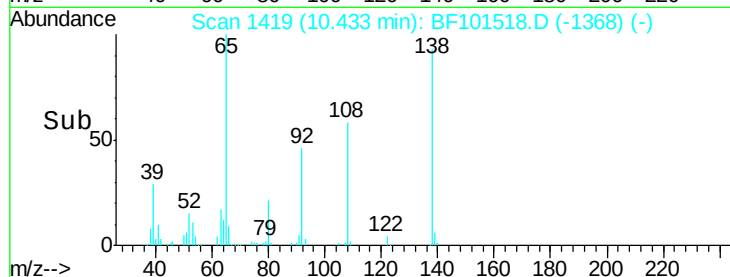
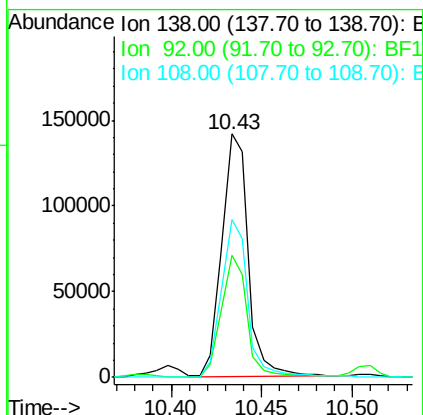
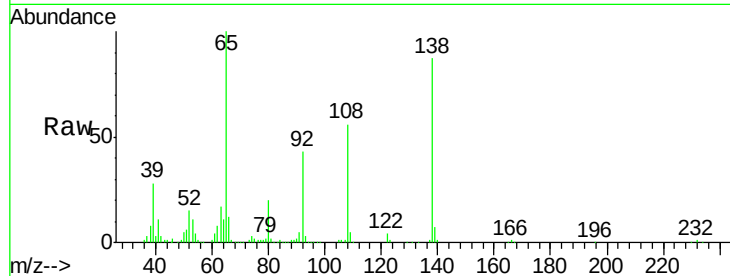




#61
4-Nitroaniline
Concen: 32.706 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

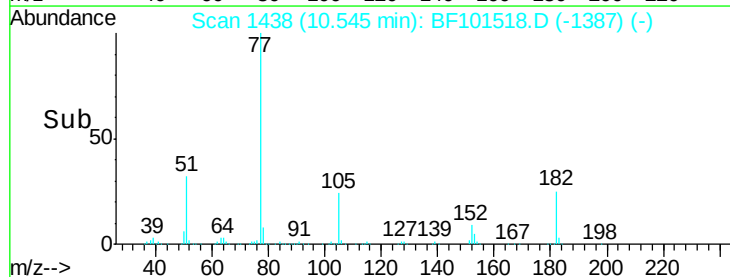
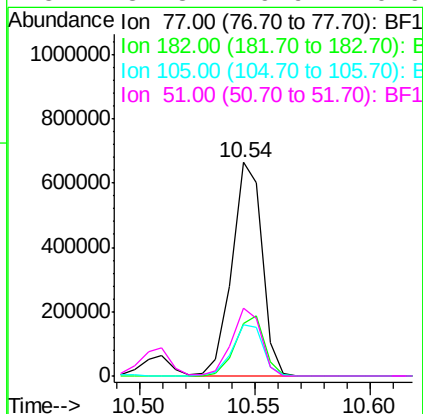
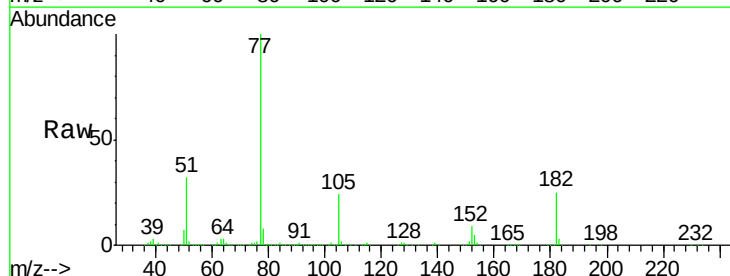
Instrument :
BNA_F
ClientSampleId :
PB105116BS

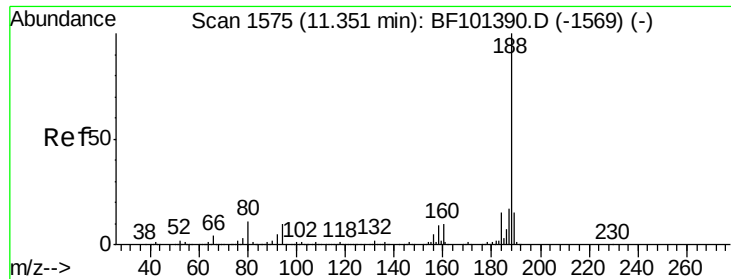
Tgt Ion:138 Resp: 143483
Ion Ratio Lower Upper
138 100
92 49.9 30.2 70.2
108 64.6 52.5 92.5



#62
Azobenzene
Concen: 34.290 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion: 77 Resp: 605892
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 24.0 3.0 43.0
51 31.8 9.9 49.9

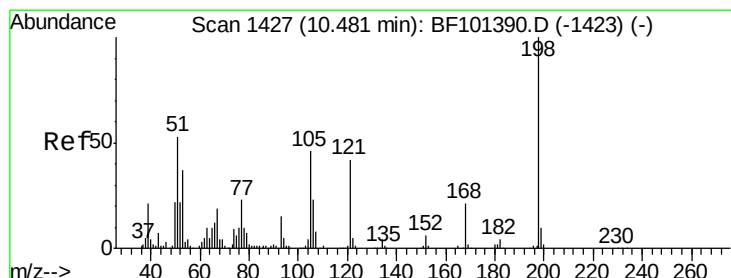
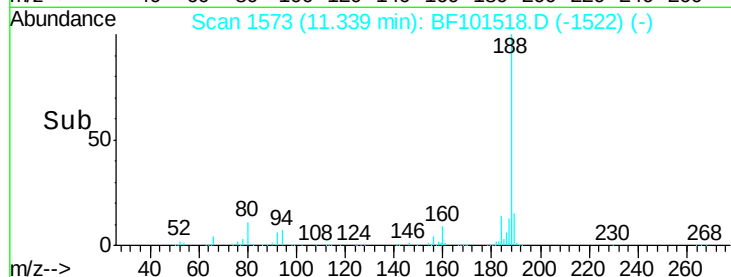
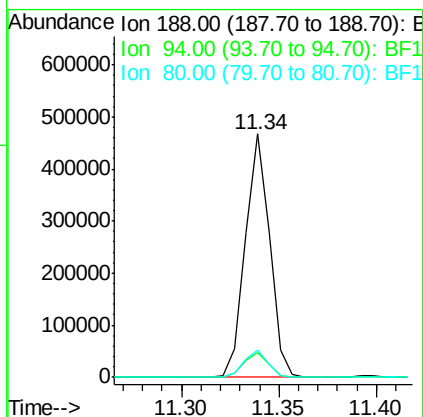
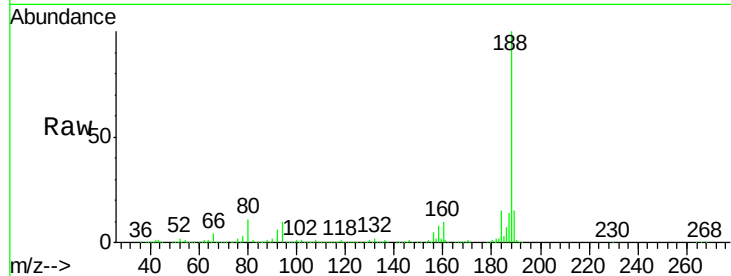




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

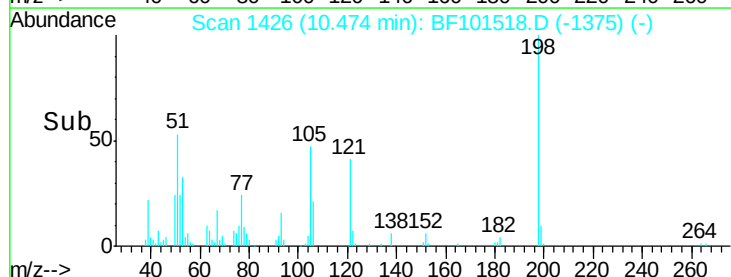
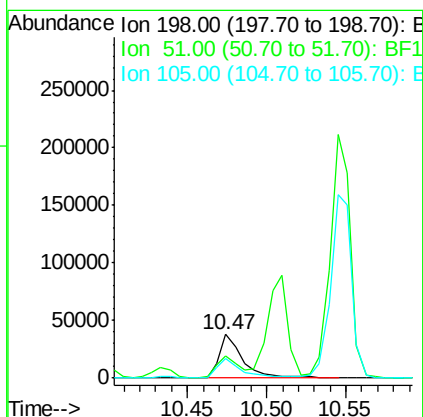
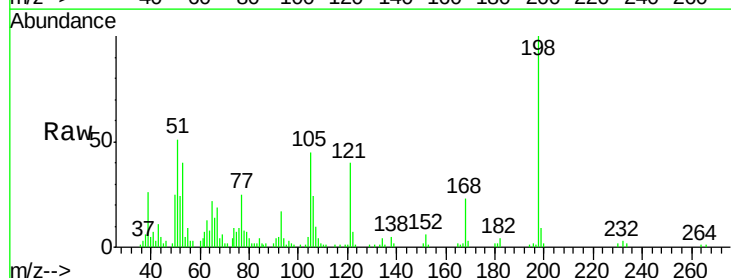
Instrument :
BNA_F
ClientSampleId :
PB105116BS

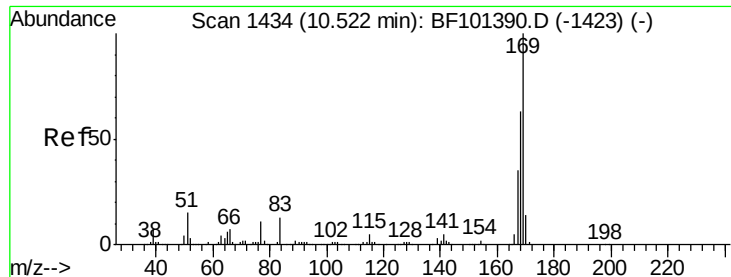
Tgt Ion:188 Resp: 404852
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.200 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:198 Resp: 39667
Ion Ratio Lower Upper
198 100
51 50.7 37.7 77.7
105 44.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 36.159 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

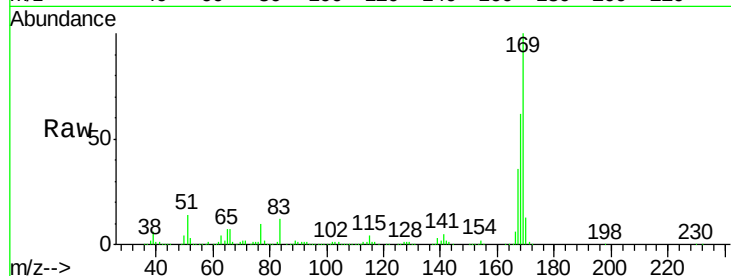
Tgt Ion:169 Resp: 540536

Ion Ratio Lower Upper

169 100

168 62.4 54.4 81.6

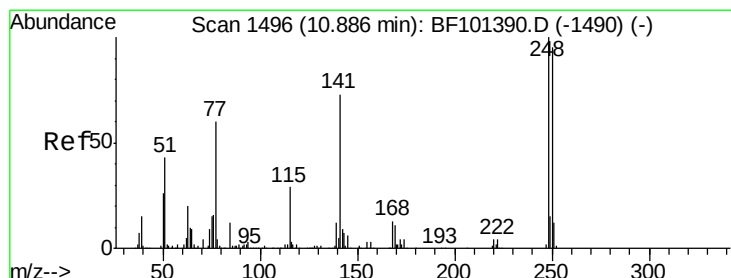
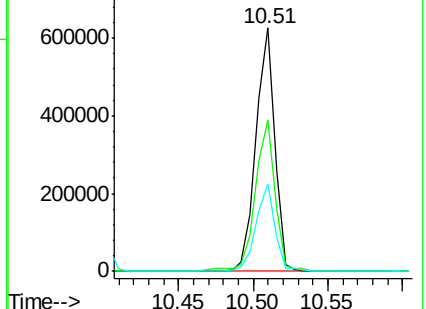
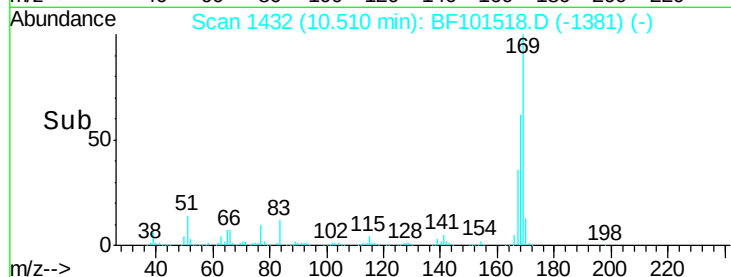
167 35.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.570 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

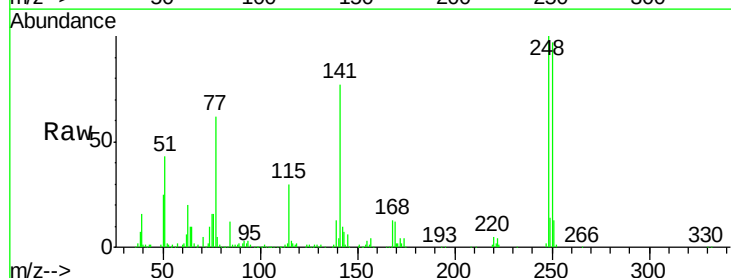
Tgt Ion:248 Resp: 180006

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

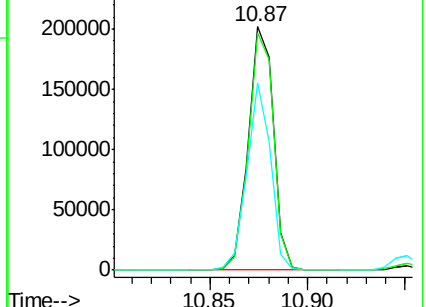
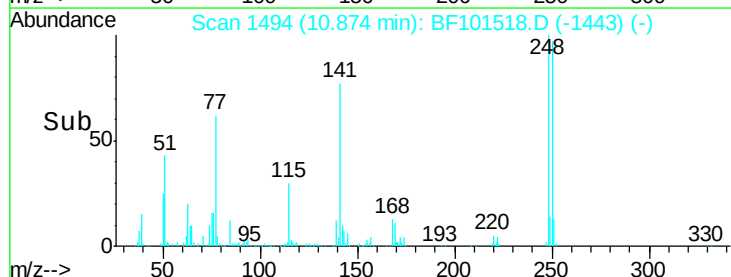
141 76.9 74.4 111.6

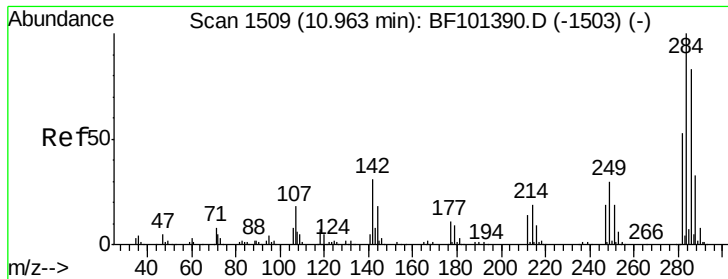


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

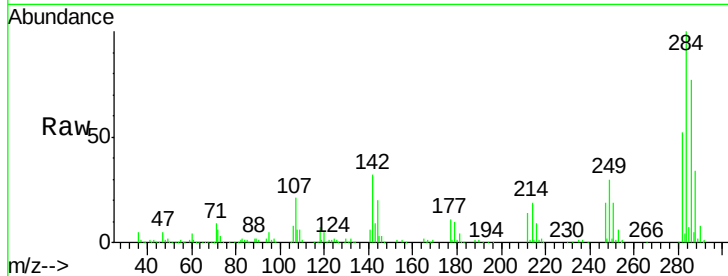




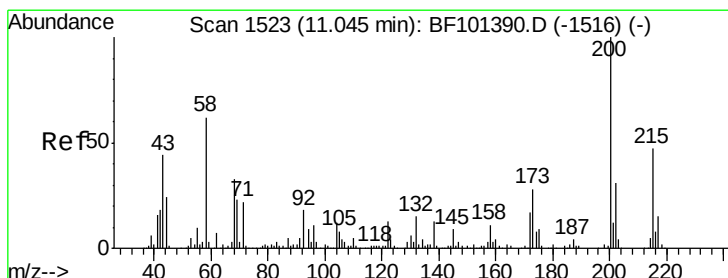
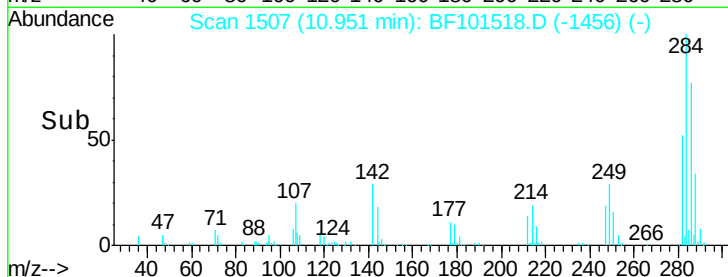
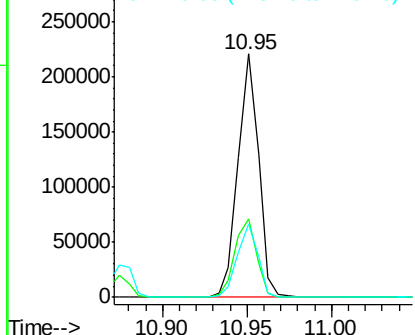
#67
Hexachlorobenzene
Concen: 39.013 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tgt Ion: 284 Resp: 187831
Ion Ratio Lower Upper
284 100
142 32.4 34.6 52.0#
249 30.3 24.8 37.2

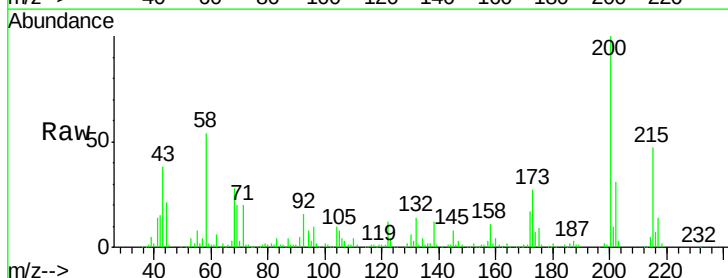


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

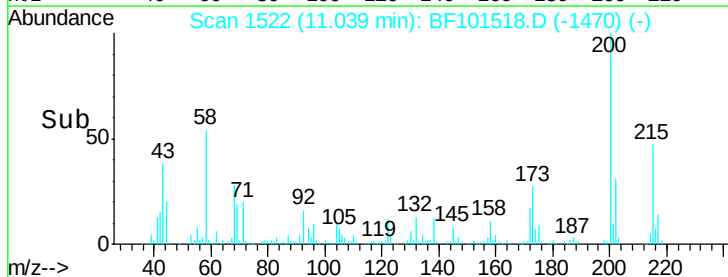
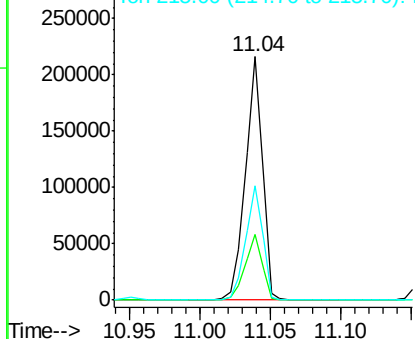


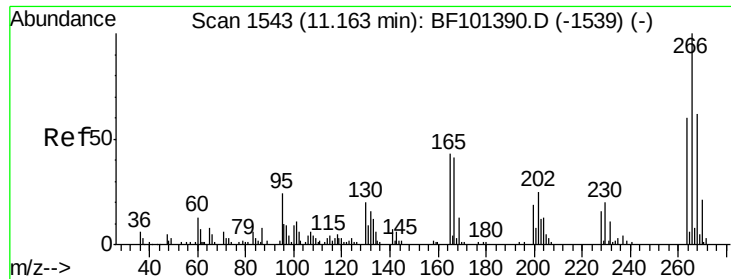
#68
Atrazine
Concen: 40.901 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion: 200 Resp: 182312
Ion Ratio Lower Upper
200 100
173 26.8 8.6 48.6
215 47.2 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

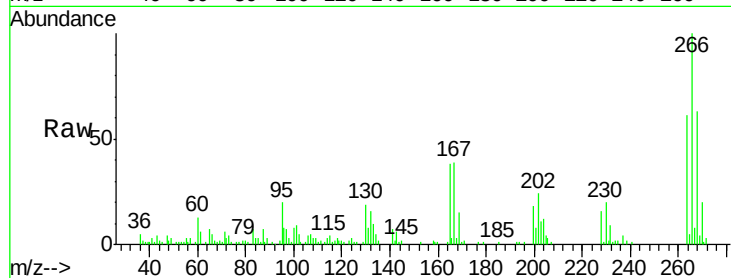




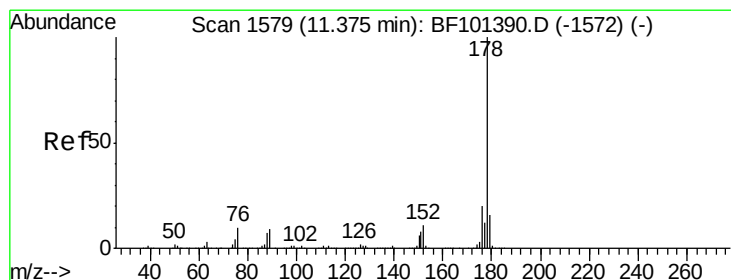
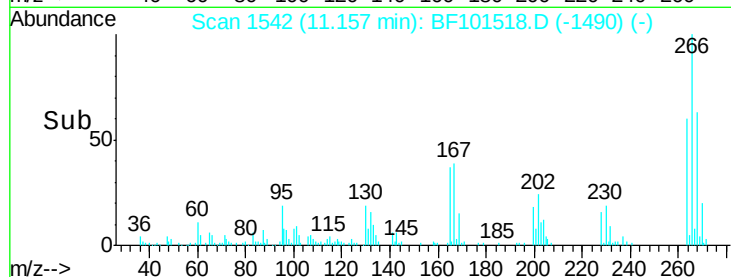
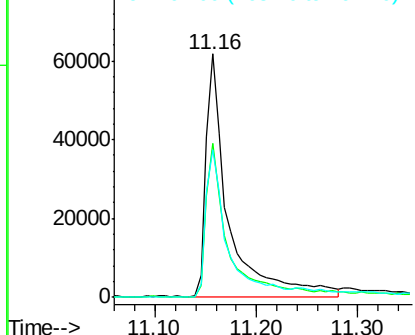
#69
 Pentachlorophenol
 Concen: 54.105 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tgt Ion:266 Resp: 96971
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 60.6 49.5 74.3

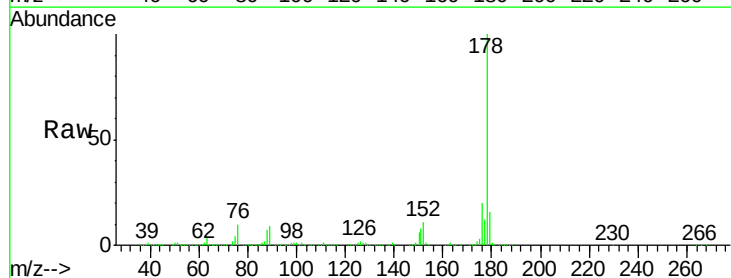


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

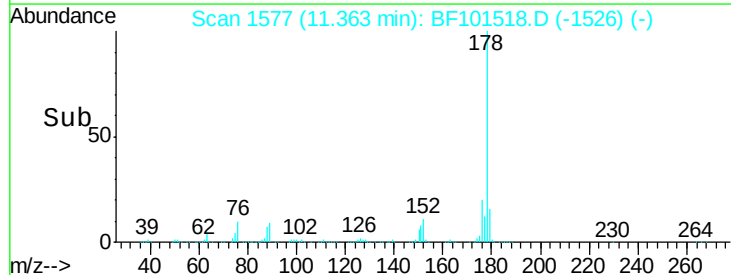
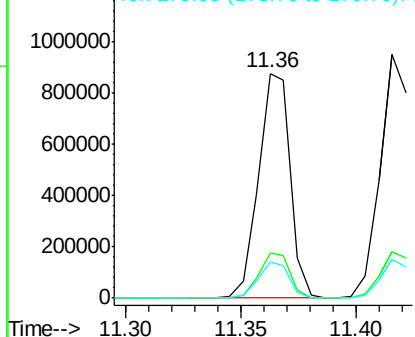


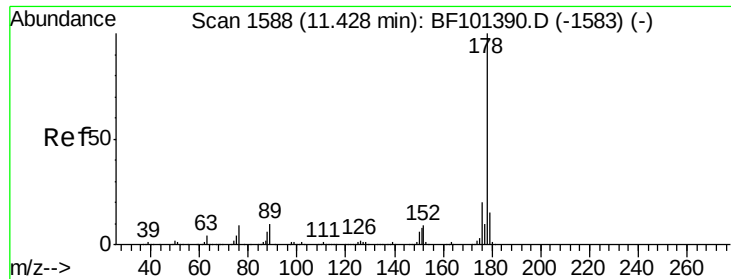
#70
 Phenanthrene
 Concen: 37.175 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion:178 Resp: 836964
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.0 13.0 19.6



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

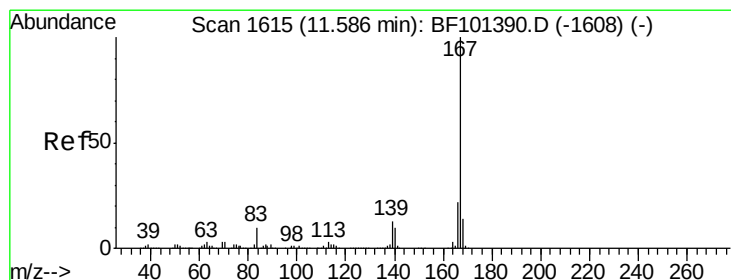
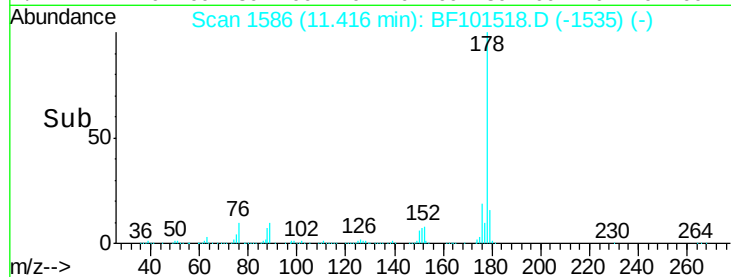
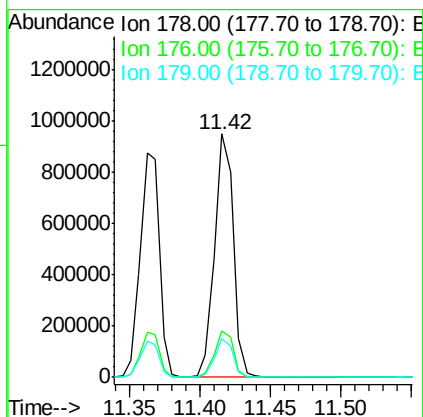
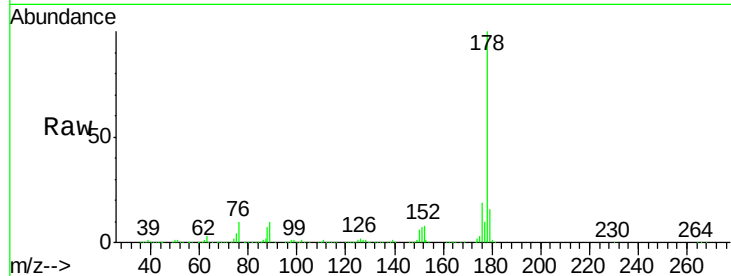




#71
 Anthracene
 Concen: 38.151 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

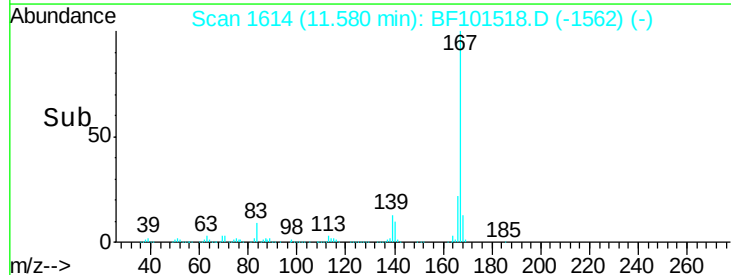
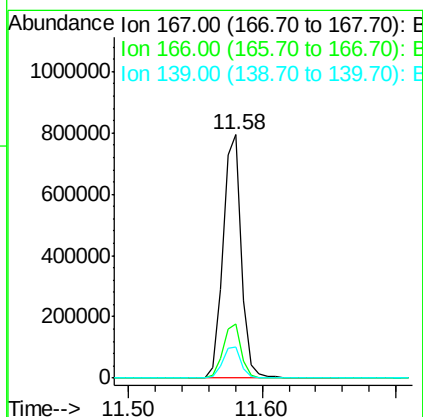
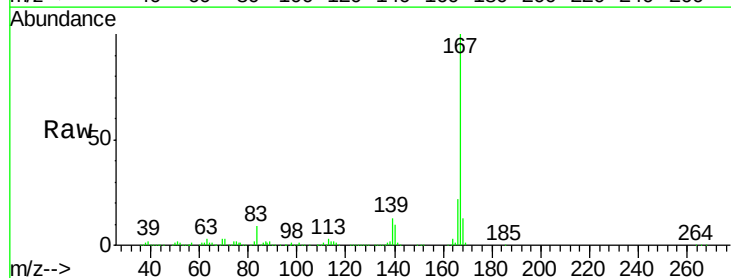
Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

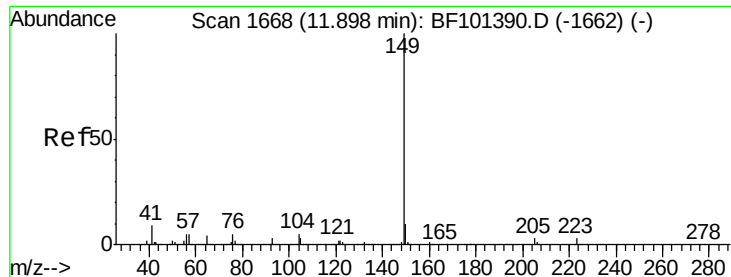
Tgt Ion:178 Resp: 877386
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 35.672 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion:167 Resp: 768082
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.544 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

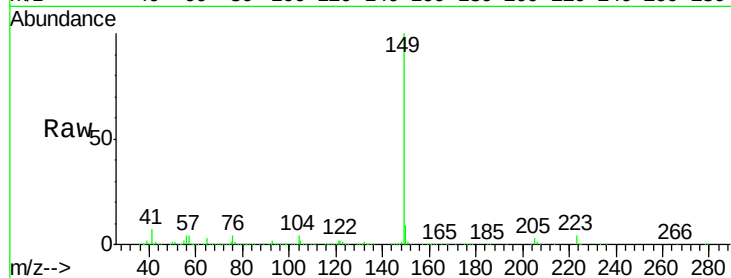
Tgt Ion:149 Resp: 981171

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

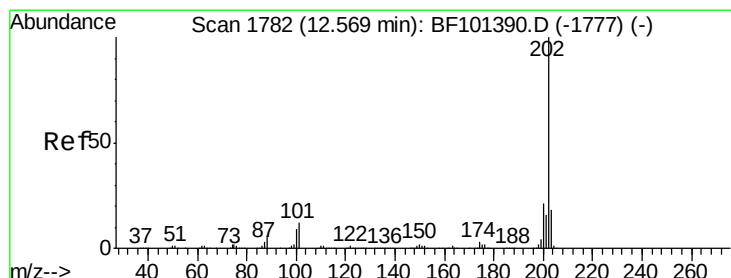
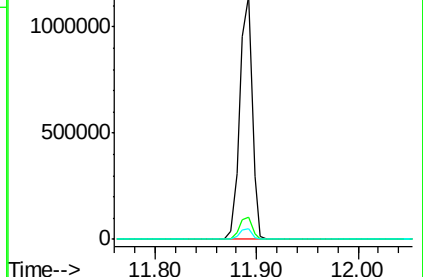
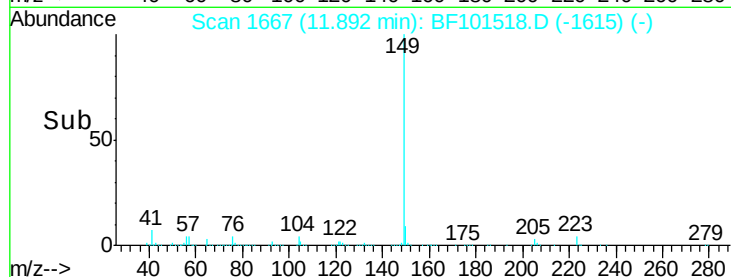
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.147 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

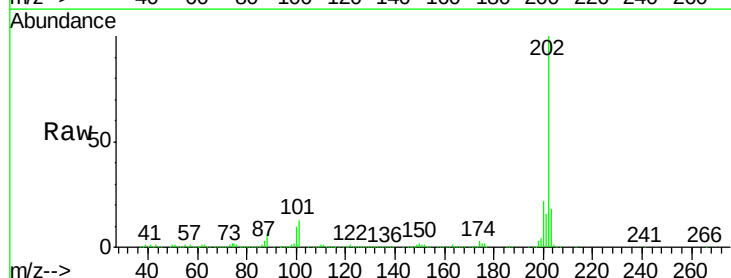
Tgt Ion:202 Resp: 877859

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

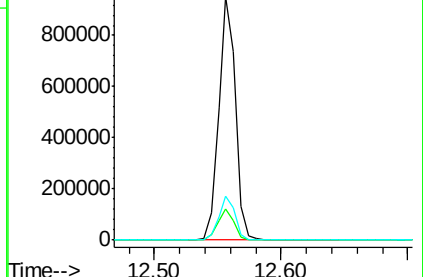
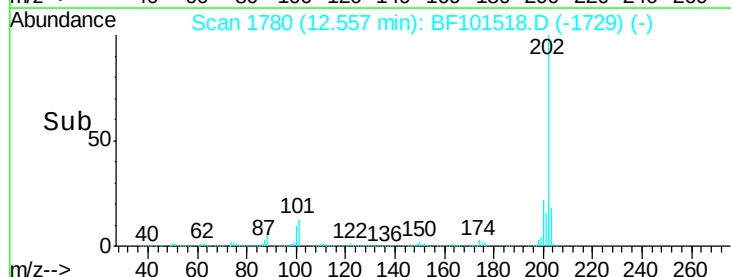
203 18.0 0.0 38.1

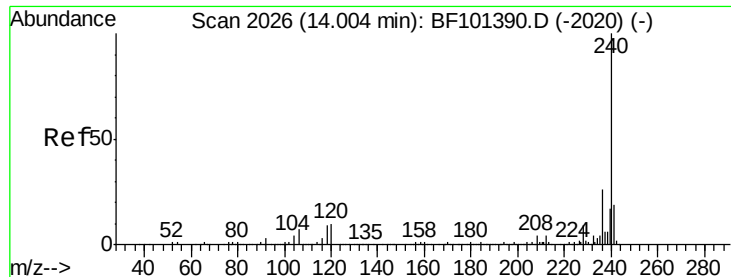


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

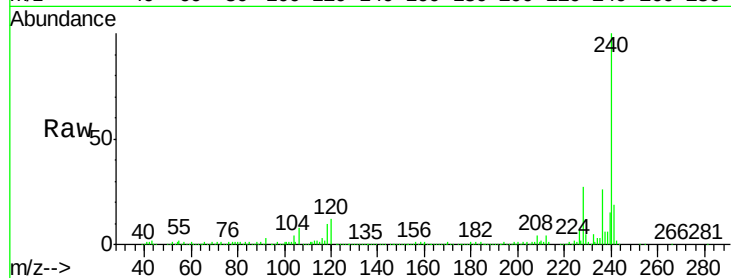
Tgt Ion:240 Resp: 279647

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

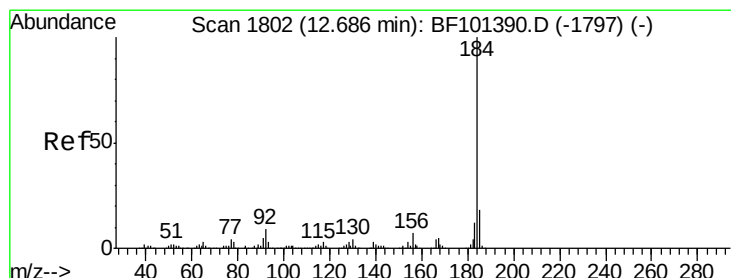
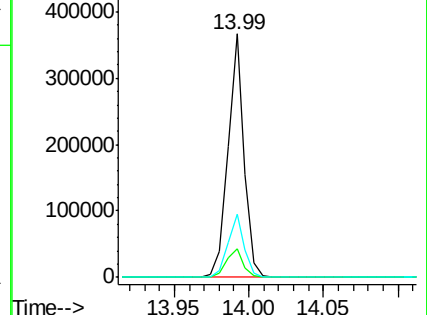
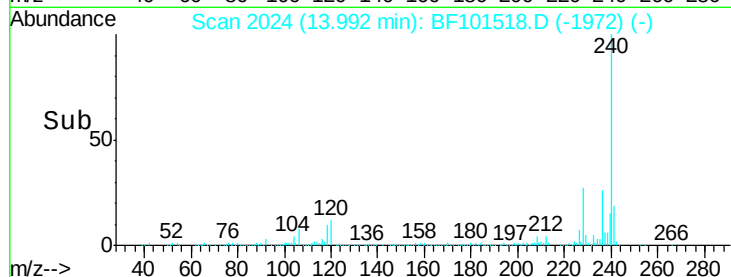
236 26.0 20.7 31.1



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: 26.061 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

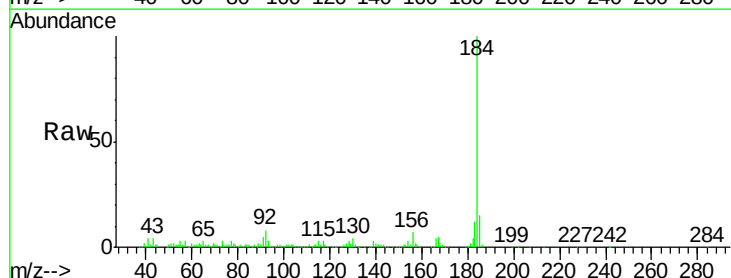
Tgt Ion:184 Resp: 307808

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

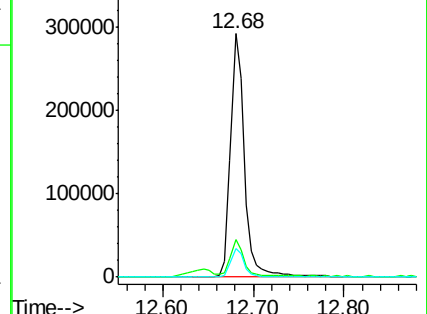
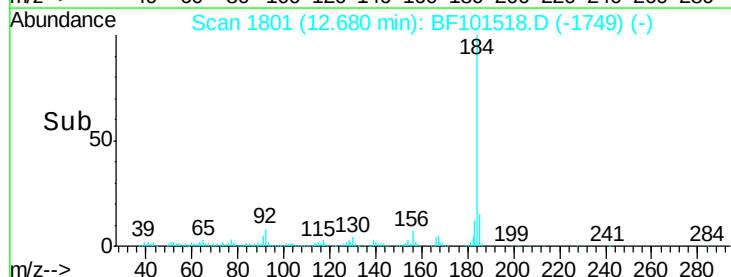
183 11.8 9.3 13.9

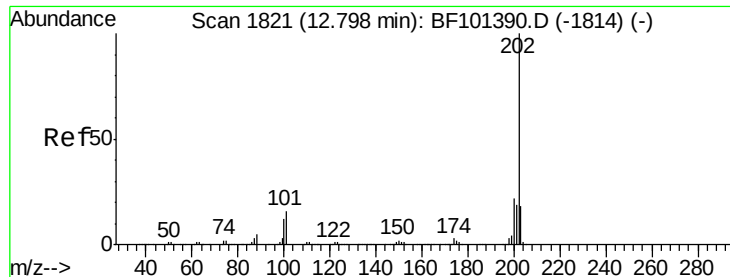


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.634 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

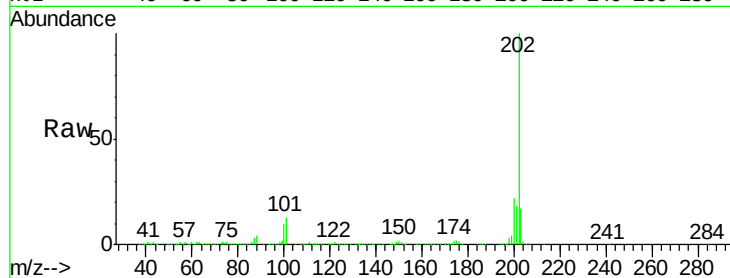
Tgt Ion:202 Resp: 894784

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

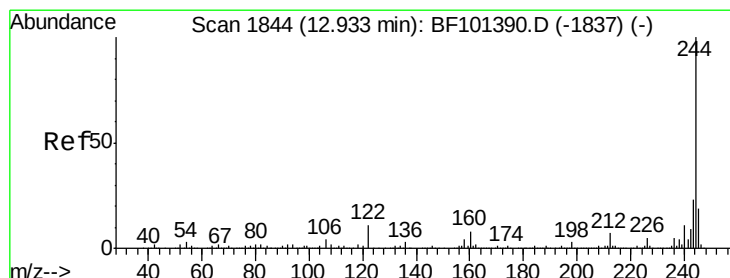
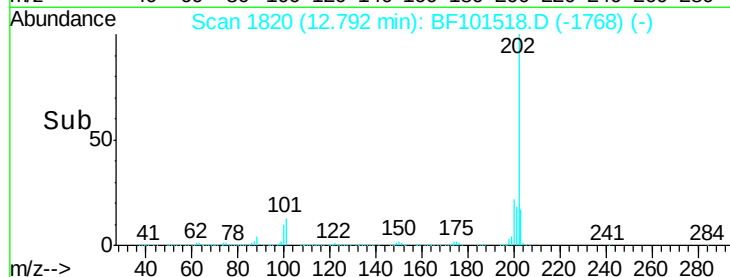
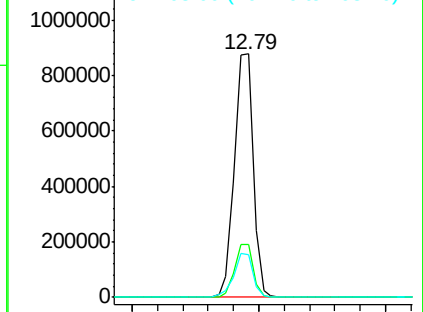
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.987 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

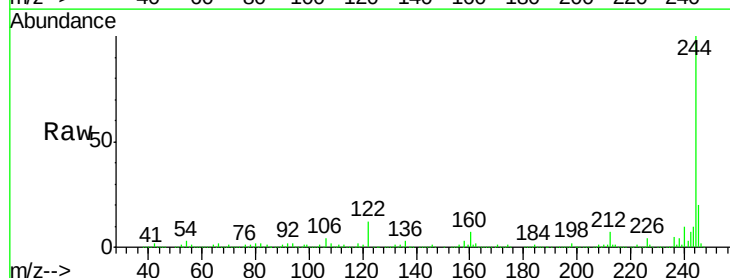
Tgt Ion:244 Resp: 1171439

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

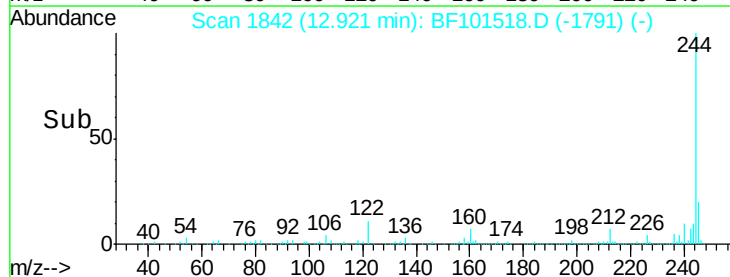
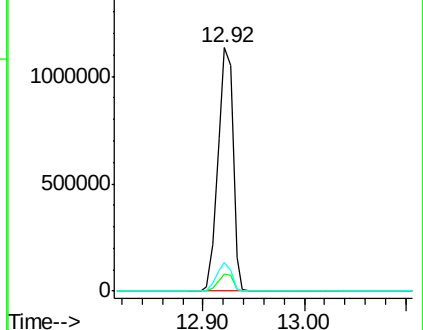
122 11.5 11.0 16.4

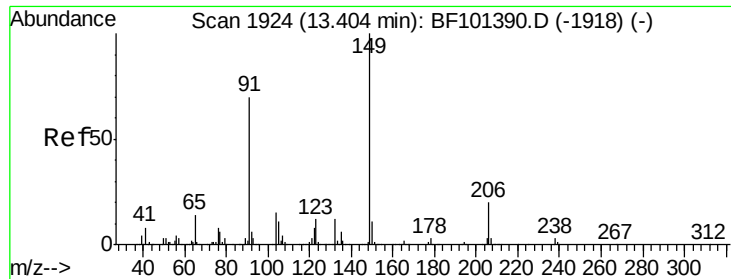


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

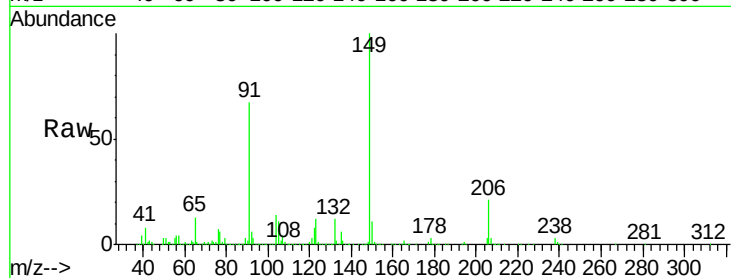




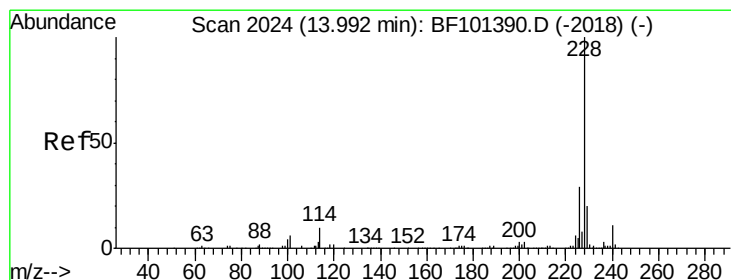
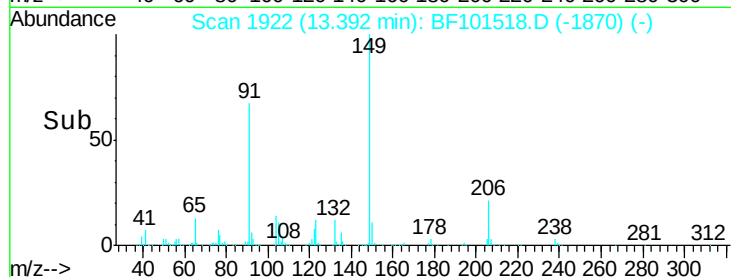
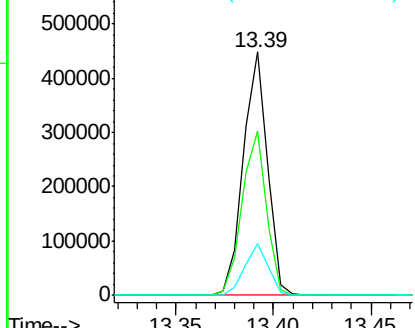
#79
Butylbenzylphthalate
Concen: 40.384 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tgt Ion:149 Resp: 383498
Ion Ratio Lower Upper
149 100
91 67.4 56.8 85.2
206 21.0 14.1 21.1

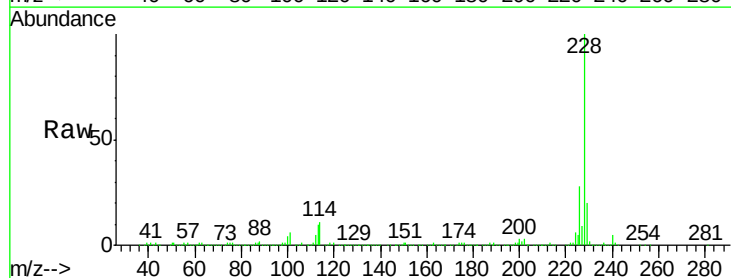


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

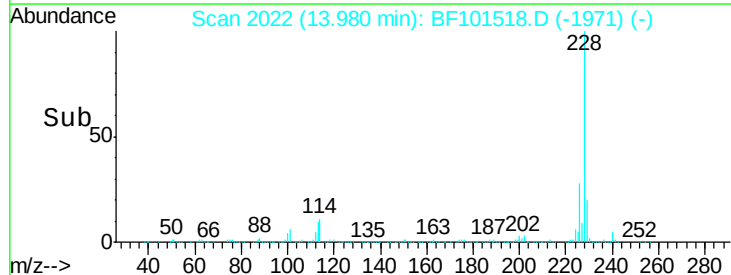
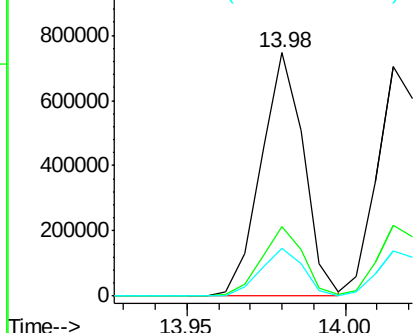


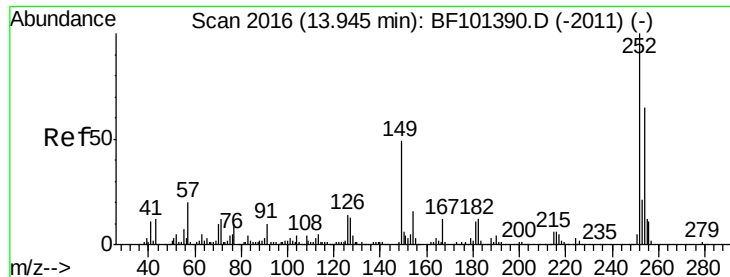
#80
Benzo(a)anthracene
Concen: 37.726 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion:228 Resp: 696629
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.8 15.8 23.6



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

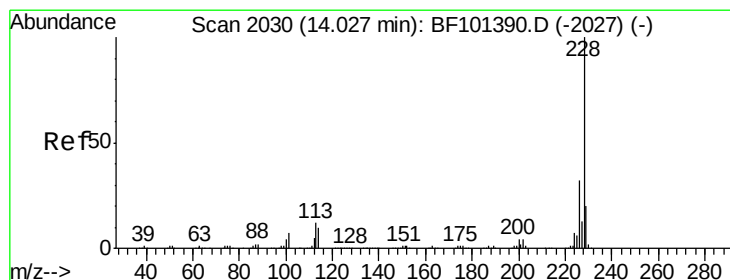
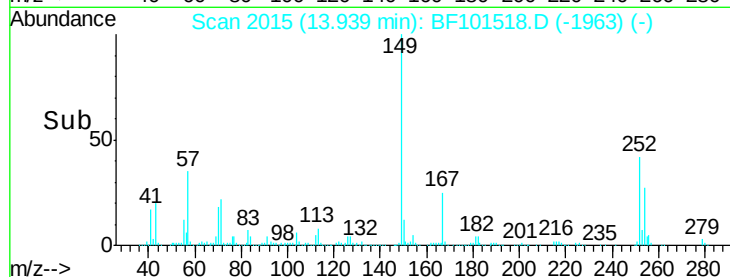
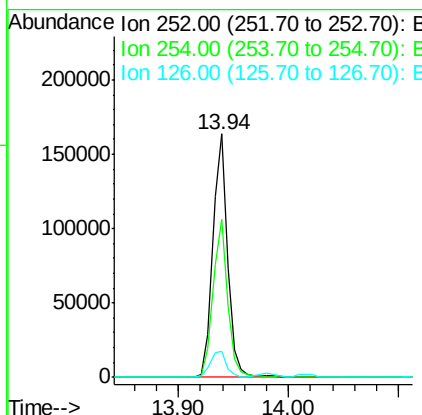
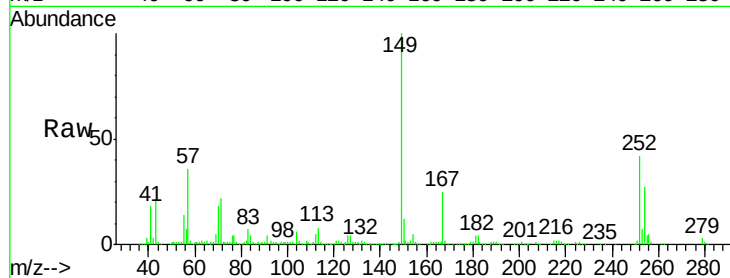




#81
 3,3'-Dichlorobenzidine
 Concen: 24.843 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

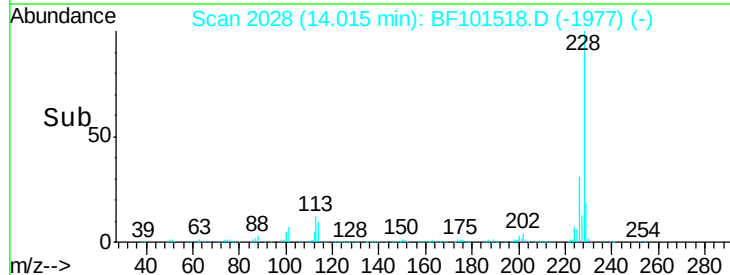
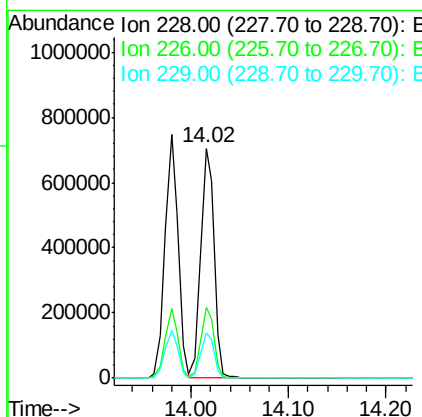
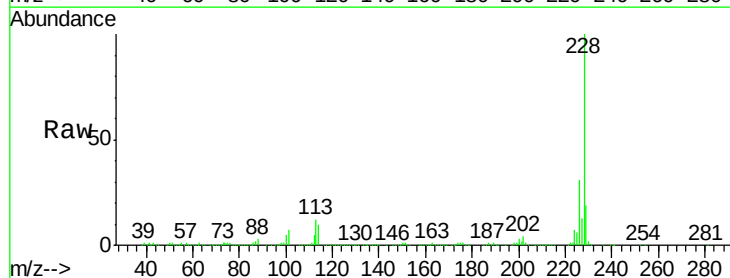
Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

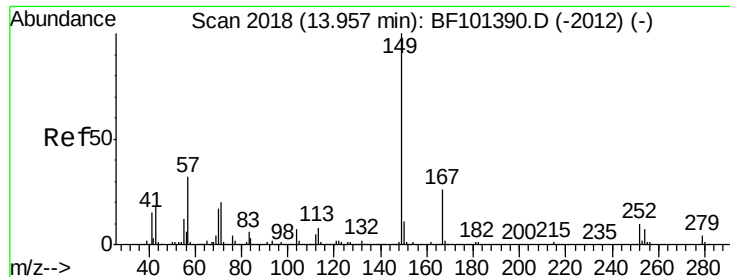
Tgt Ion: 252 Resp: 149579
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 10.6 11.3 16.9#



#82
 Chrysene
 Concen: 38.311 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion: 228 Resp: 667940
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.932 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

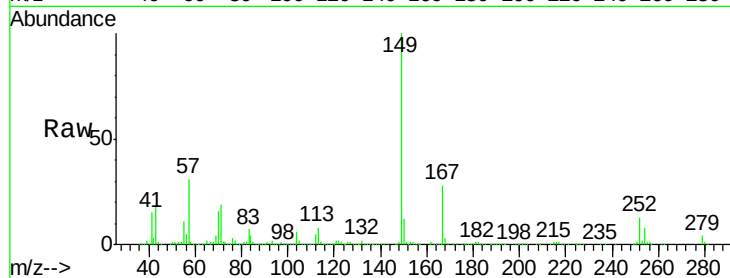
Tgt Ion:149 Resp: 480306

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

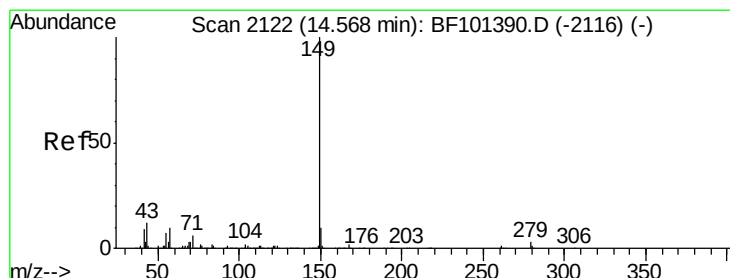
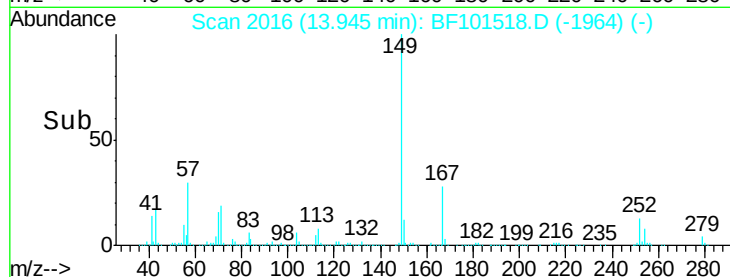
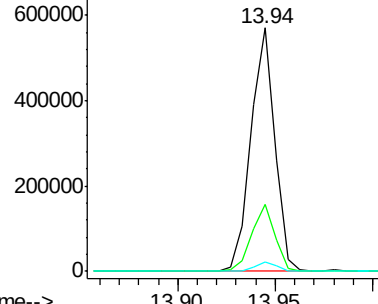
279 3.9 3.0 4.4



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: 34.309 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

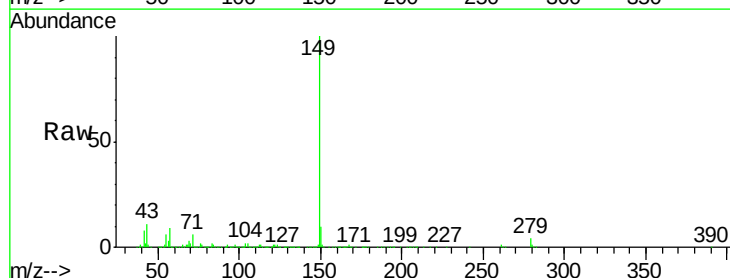
Tgt Ion:149 Resp: 735977

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

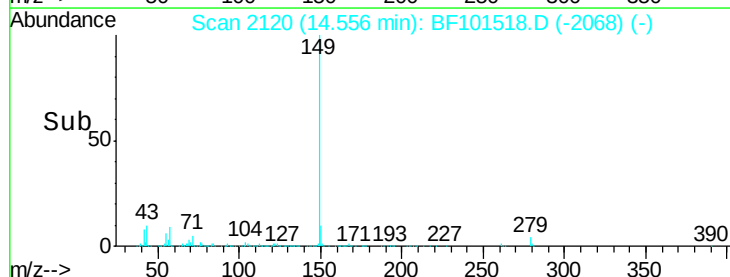
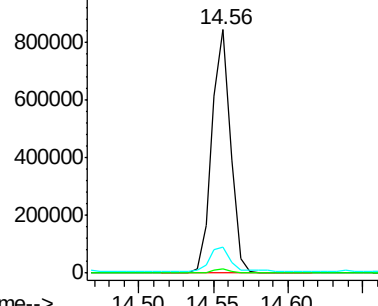
43 11.0 8.4 12.6

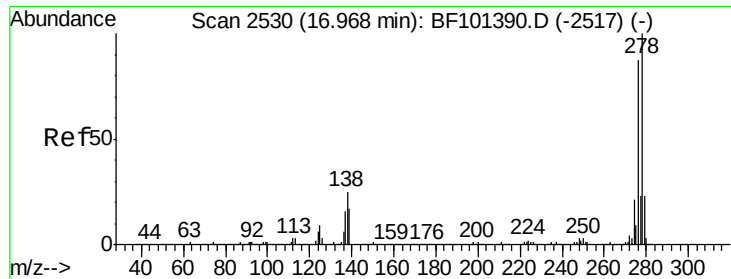


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

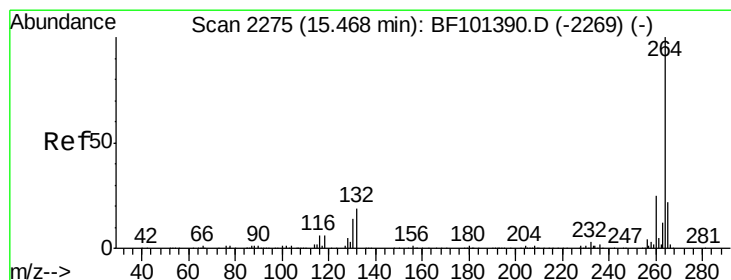
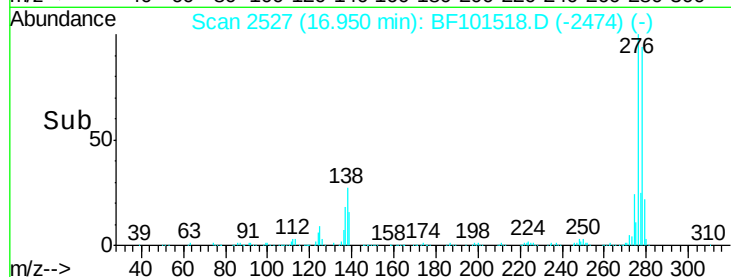
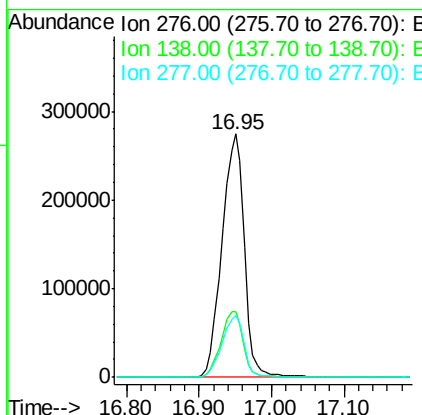
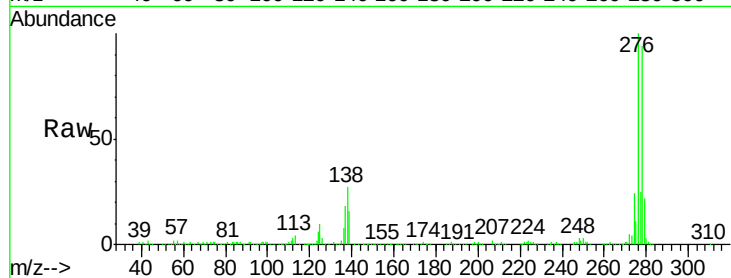




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.866 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

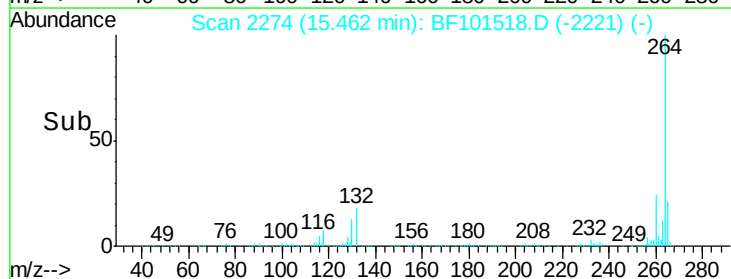
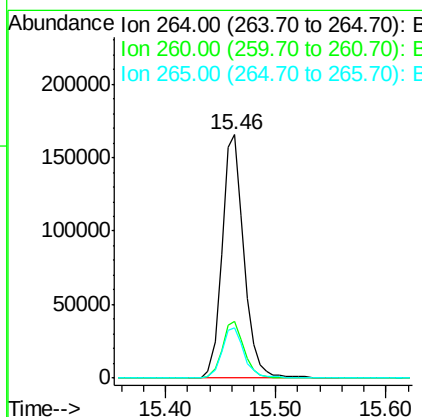
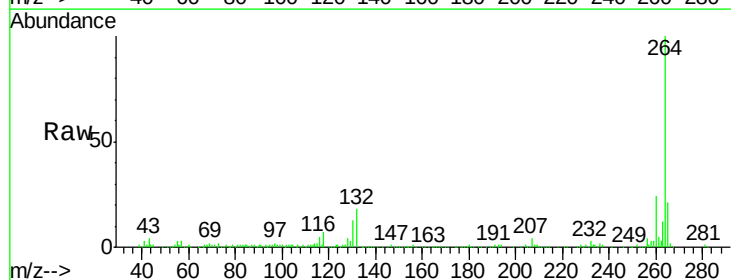
Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

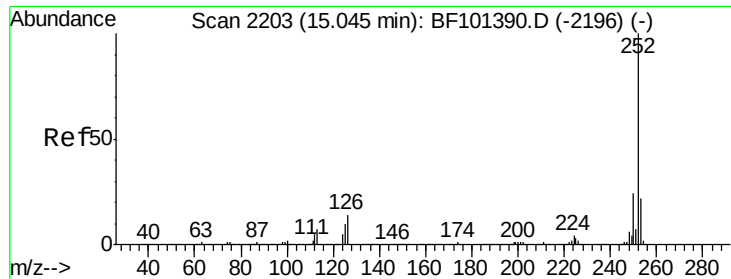
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.301 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

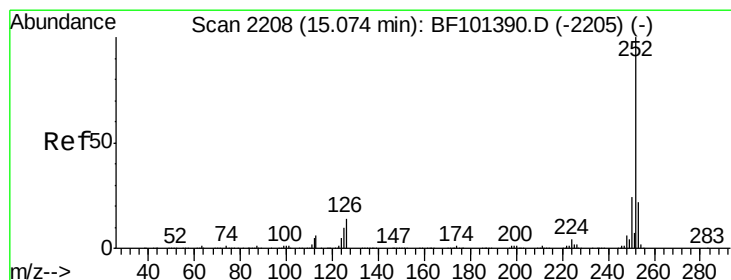
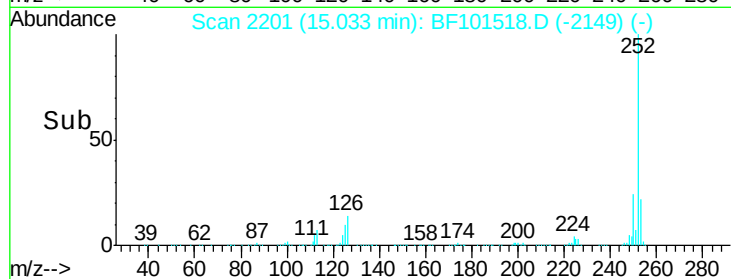
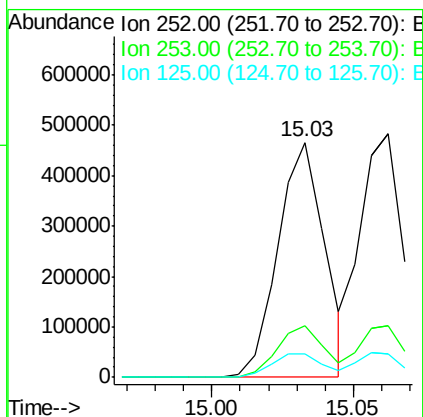
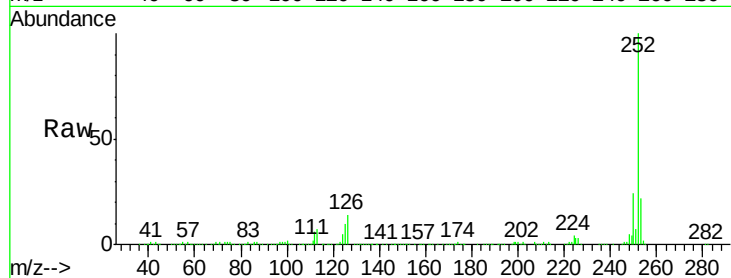
Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tgt Ion:252 Resp: 533313

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	10.2	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 39.393 ng

RT: 15.03 min Scan# 2201

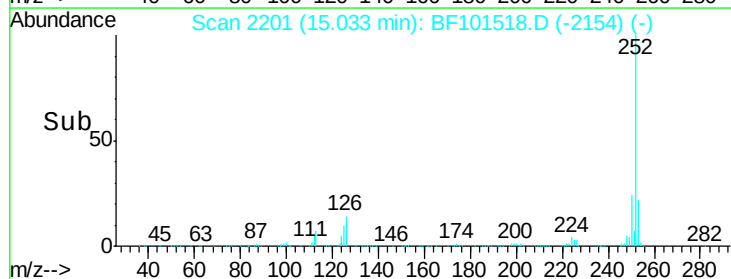
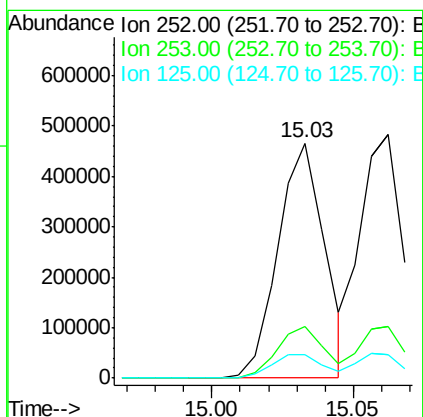
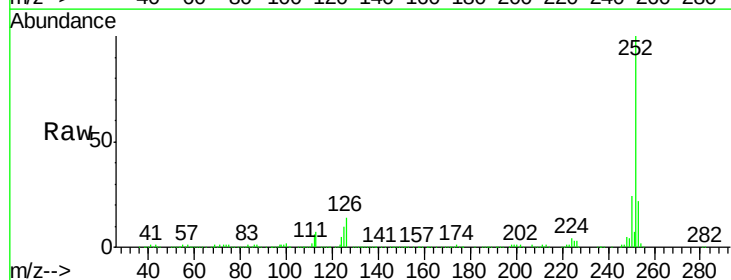
Delta R.T. -0.02 min

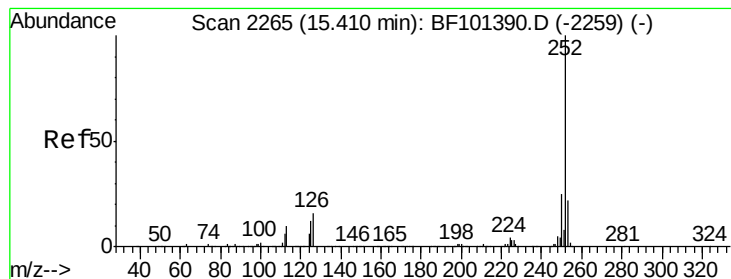
Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:252 Resp: 533313

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 39.071 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

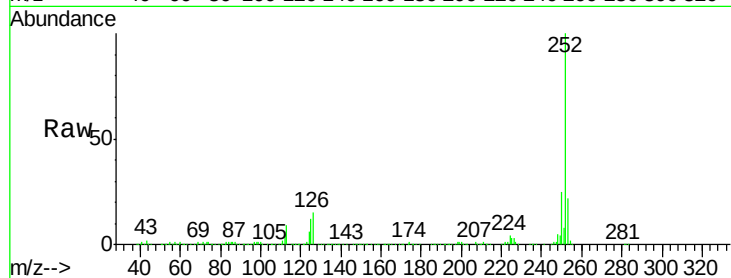
Tgt Ion:252 Resp: 501531

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

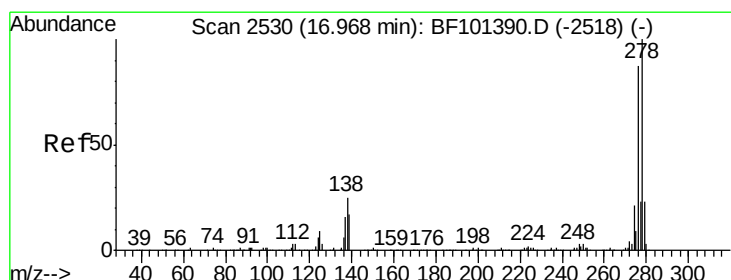
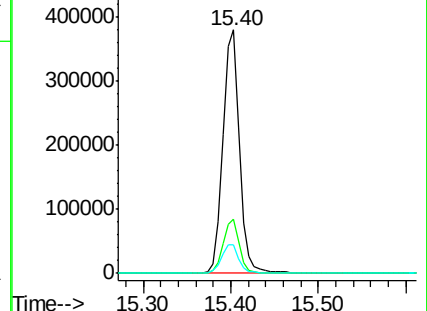
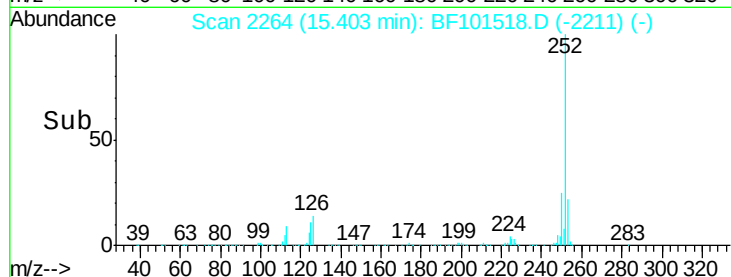
125 11.5 9.8 14.6



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: 44.127 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

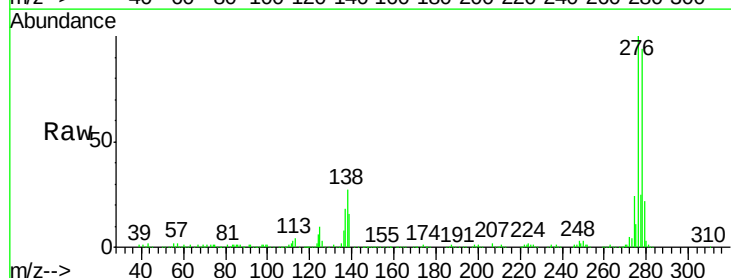
Tgt Ion:278 Resp: 486331

Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

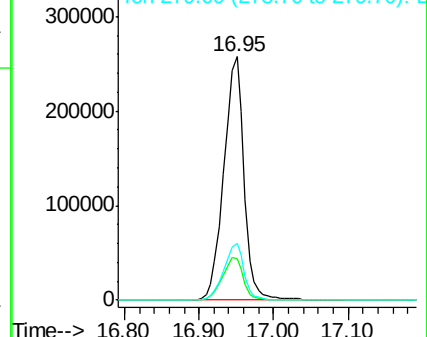
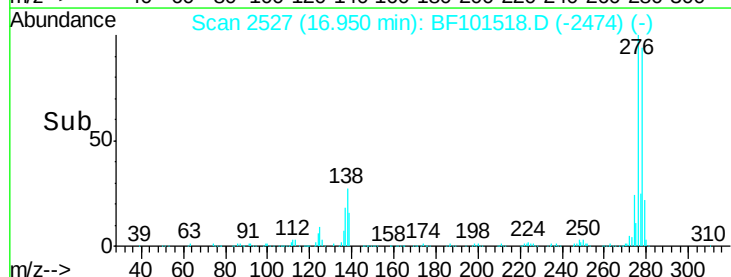
279 23.4 19.0 28.4

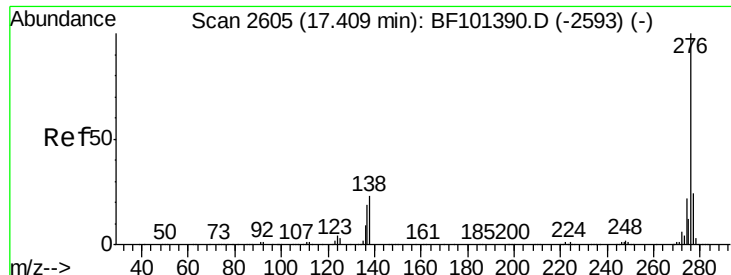


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.129 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.02 min

Lab File: BF101518.D

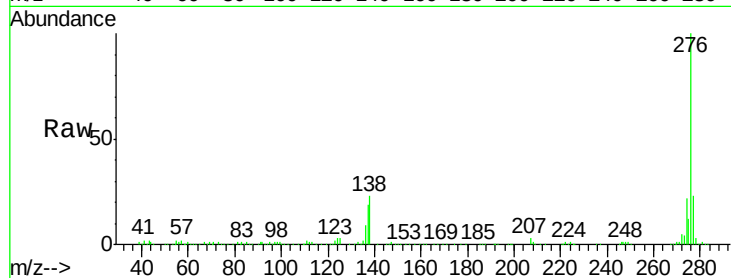
Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS



Tgt Ion:	276	Resp:	536160
Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	22.6	21.8	32.8

