

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101588.D
 Acq On : 21 Dec 2017 4:46
 Operator : SJ/JU
 Sample : PB105190BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

Quant Time: Dec 21 05:21:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142908	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	548715	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	222482	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	348525	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273957	20.00	ng	0.00
86) Perylene-d12	15.43	264	301836	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	796246	83.00	ng	0.01
7) Phenol-d6	6.44	99	896204	75.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	813117	82.49	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	156023	72.78	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1281801	89.37	ng	0.00
78) Terphenyl-d14	12.90	244	870679	76.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	171783	34.847	ng	96
3) Pyridine	3.36	79	440038	32.128	ng	98
4) n-Nitrosodimethylamine	3.32	42	224990	35.677	ng	# 96
6) Aniline	6.46	93	342194	20.623	ng	# 75
8) 2-Chlorophenol	6.59	128	370143	36.676	ng	98
9) Benzaldehyde	6.35	77	206446	23.412	ng	98
10) Phenol	6.45	94	484482	35.601	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	384456	36.016	ng	95
12) 1,3-Dichlorobenzene	6.73	146	413454	36.299	ng	98
13) 1,4-Dichlorobenzene	6.81	146	416135	35.777	ng	99
14) 1,2-Dichlorobenzene	6.96	146	375360	35.852	ng	99
15) Benzyl Alcohol	6.95	79	275068	33.470	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	628877	38.494	ng	69
17) 2-Methylphenol	7.06	107	300531	32.373	ng	# 88
18) Hexachloroethane	7.30	117	137462	33.992	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	260268	33.192	ng	92
20) 3+4-Methylphenols	7.22	107	380123	38.641	ng	# 61
22) Acetophenone	7.21	105	508952	40.650	ng	# 91
24) Nitrobenzene	7.39	77	417461	38.266	ng	94
25) Isophorone	7.62	82	757513	38.308	ng	97
26) 2-Nitrophenol	7.70	139	185342	39.544	ng	98
27) 2,4-Dimethylphenol	7.74	122	324475	40.750	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	474882	37.806	ng	98
29) 2,4-Dichlorophenol	7.95	162	301965	38.386	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	307710	37.066	ng	96
31) Naphthalene	8.10	128	1000496	36.218	ng	100
32) Benzoic acid	7.89	122	165538	33.698	ng	92
33) 4-Chloroaniline	8.16	127	132990	11.077	ng	99
34) Hexachlorobutadiene	8.21	225	178188	37.112	ng	97
35) Caprolactam	8.54	113	99513	36.431	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	306030	35.395	ng	98
37) 2-Methylnaphthalene	8.79	142	645898	35.888	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	302348	40.251	ng	97
40) Hexachlorocyclopentadiene	8.93	237	9092	19.171	ng	97

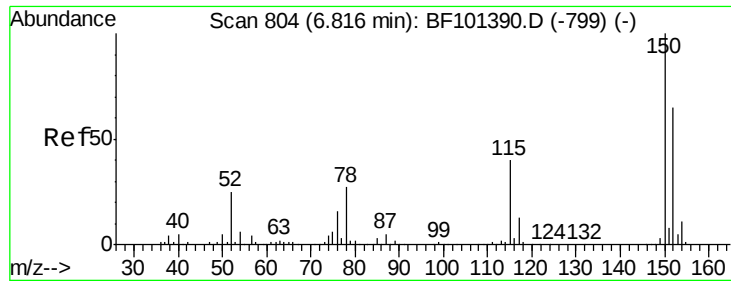
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	185450	41.009	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	184884	37.339	nq	97
45) 1,1'-Biphenyl	9.26	154	774830	39.270	nq	99
46) 2-Chloronaphthalene	9.29	162	577084	38.225	nq	95
47) 2-Nitroaniline	9.39	65	208102	39.902	nq	90
48) Acenaphthylene	9.70	152	828792	34.757	nq	100
49) Dimethylphthalate	9.56	163	651361	36.398	nq	# 99
50) 2,6-Dinitrotoluene	9.63	165	137530	37.812	nq	94
51) Acenaphthene	9.87	154	498015	34.762	nq	99
52) 3-Nitroaniline	9.80	138	105748	23.320	nq	99
53) 2,4-Dinitrophenol	9.93	184	32049	32.356	nq	# 17
54) Dibenzofuran	10.04	168	695154	38.182	nq	97
55) 4-Nitrophenol	9.98	139	128050	64.760	nq	# 81
56) 2,4-Dinitrotoluene	10.05	165	158514	38.682	nq	# 88
57) Fluorene	10.39	166	555190	36.047	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	143416	40.314	nq	# 86
59) Diethylphthalate	10.25	149	640756	36.156	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	276586	37.471	nq	95
61) 4-Nitroaniline	10.42	138	124458	27.305	nq	96
62) Azobenzene	10.53	77	648871	35.345	nq	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	31448	17.682	nq	91
65) n-Nitrosodiphenylamine	10.49	169	514724	39.997	nq	95
66) 4-Bromophenyl-phenylether	10.86	248	162350	41.457	nq	# 85
67) Hexachlorobenzene	10.93	284	156358	37.725	nq	95
68) Atrazine	11.02	200	159254	41.502	nq	96
69) Pentachlorophenol	11.14	266	114431	71.735	nq	99
70) Phenanthrene	11.35	178	705439	36.397	nq	99
71) Anthracene	11.40	178	725962	36.668	nq	99
72) Carbazole	11.56	167	643882	34.736	nq	99
73) Di-n-butylphthalate	11.87	149	887602	39.453	nq	99
74) Fluoranthene	12.54	202	674224	33.141	nq	98
76) Benzidine	12.66	184	364383	31.492	nq	99
77) Pyrene	12.77	202	689552	33.538	nq	100
79) Butylbenzylphthalate	13.37	149	320426	34.443	nq	95
80) Benzo(a)anthracene	13.96	228	659777	36.472	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	236490	40.093	nq	98
82) Chrysene	14.00	228	634070	37.123	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	415558	35.266	nq	99
84) Di-n-octyl phthalate	14.54	149	802562	38.191	nq	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	624937	41.088	nq	96
87) Benzo(b)fluoranthene	15.01	252	719125	39.088	nq	99
88) Benzo(k)fluoranthene	15.04	252	602219	33.667	nq	98
89) Benzo(a)pyrene	15.38	252	646557	38.123	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	532054	36.538	nq	97
91) Benzo(g,h,i)perylene	17.36	276	516916	35.850	nq	95

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

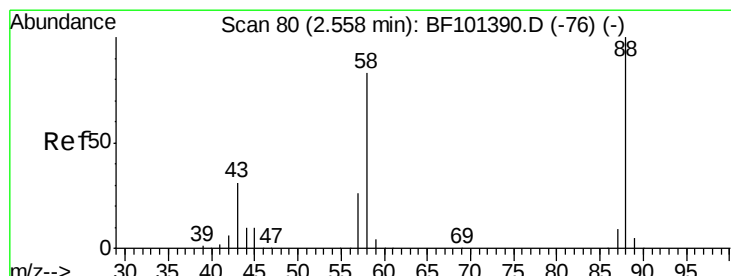
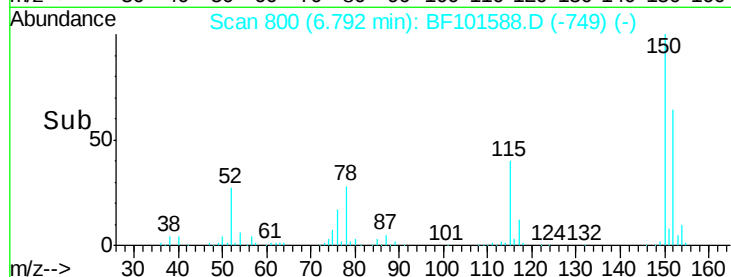
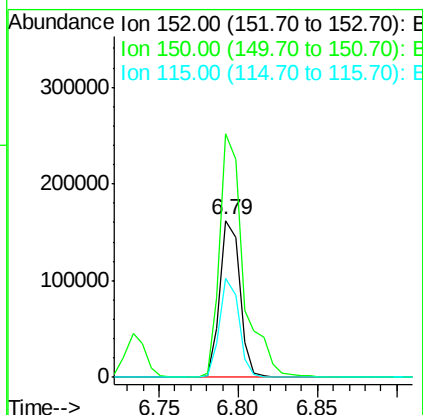
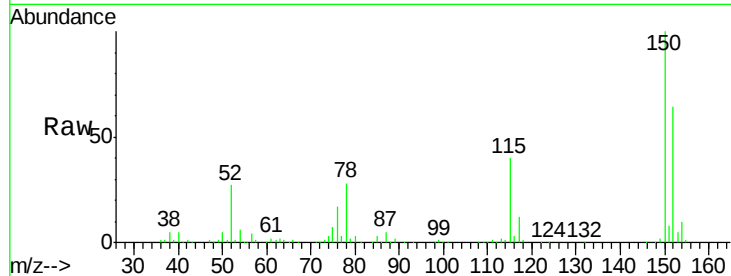


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Instrument :
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PB105190BSD

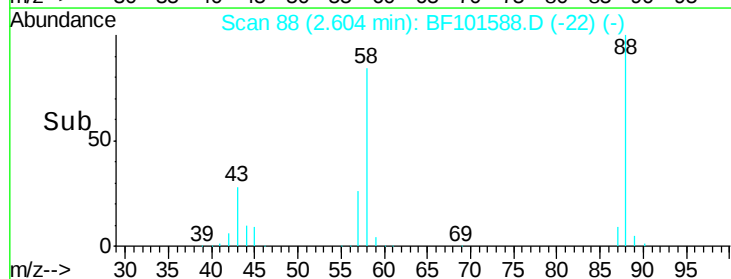
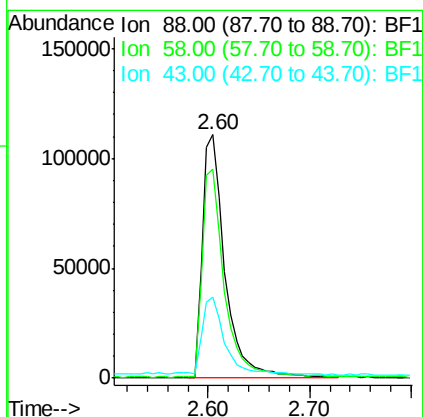
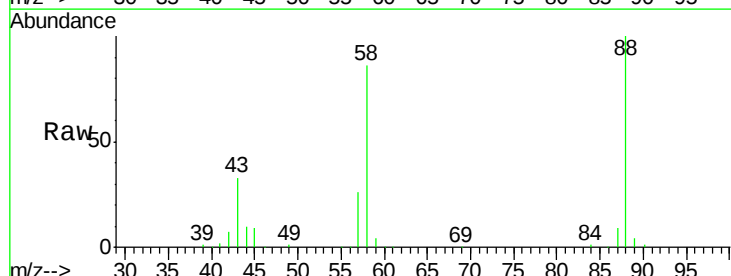
Tot Ion:152 Resp: 142908
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 62.7 50.1 75.1

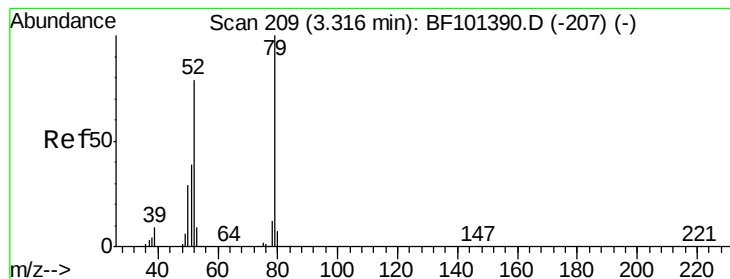


#2

1,4-Dioxane
Concen: 34.847 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.09 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion: 88 Resp: 171783
Ion Ratio Lower Upper
88 100
58 83.0 62.6 93.8
43 30.2 24.6 37.0





#3

Pvridine

Concen: 32.128 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.08 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

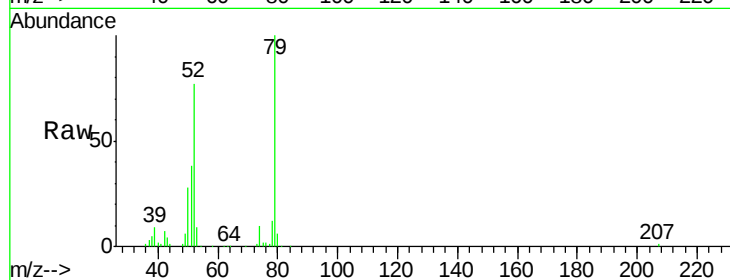
Tot Ion: 79 Resp: 440038

Ion Ratio Lower Upper

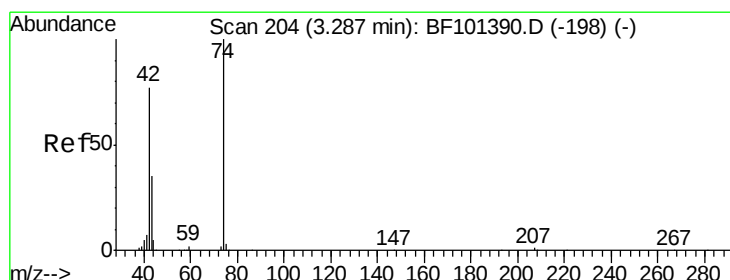
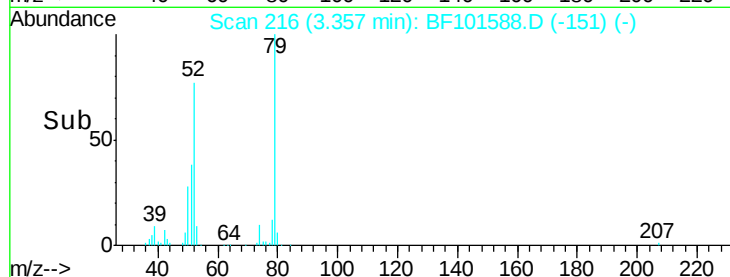
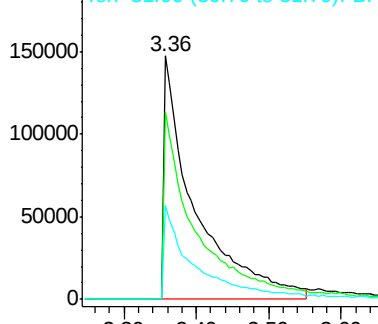
79 100

52 76.8 59.8 89.6

51 38.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.677 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.08 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

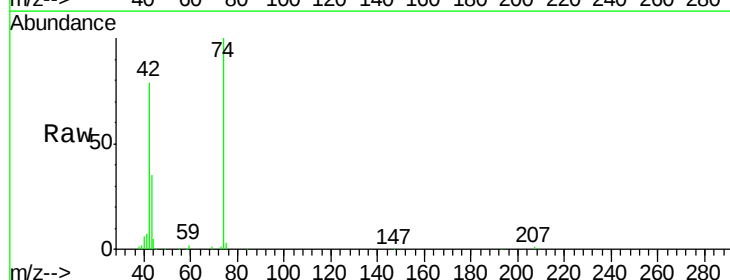
Tgt Ion: 42 Resp: 224990

Ion Ratio Lower Upper

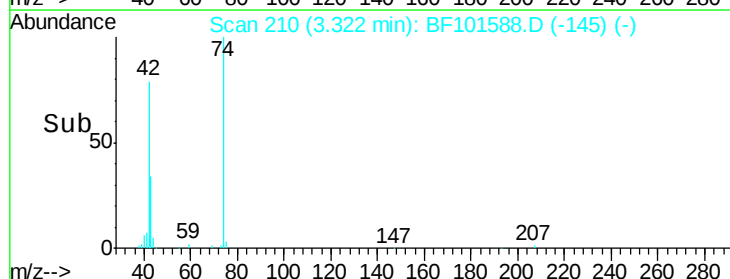
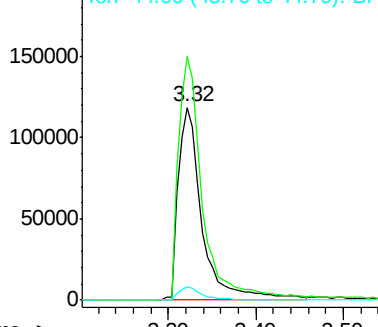
42 100

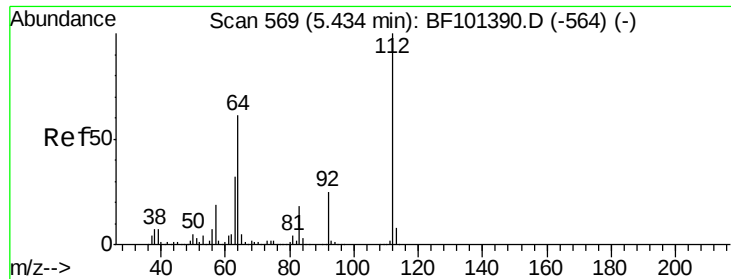
74 126.3 104.9 157.3

44 6.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.995 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

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ClientSampleId :

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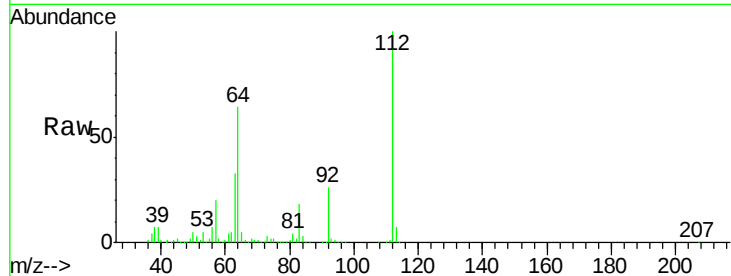
Tot Ion:112 Resp: 796246

Ion Ratio Lower Upper

112 100

64 63.8 47.9 71.9

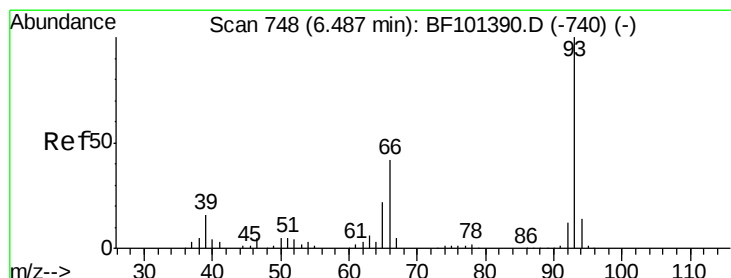
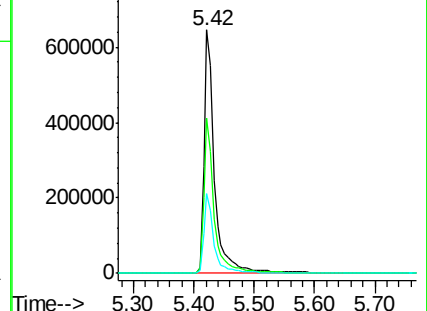
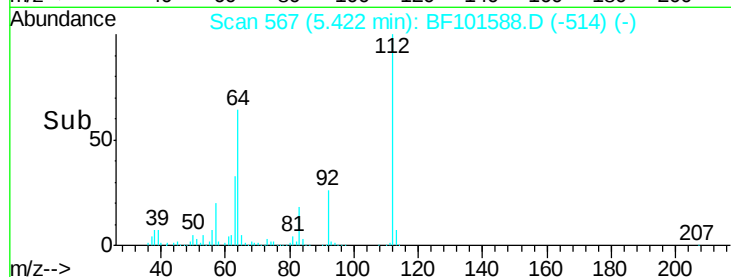
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.623 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

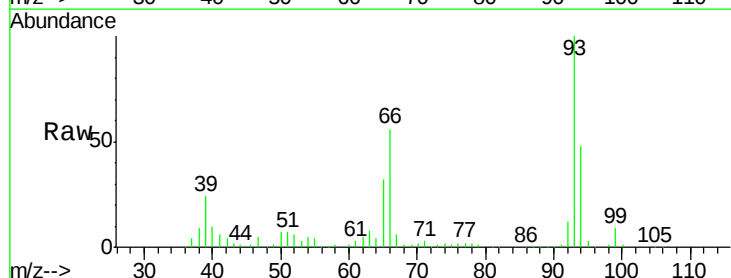
Tgt Ion: 93 Resp: 342194

Ion Ratio Lower Upper

93 100

66 55.6 32.2 48.2#

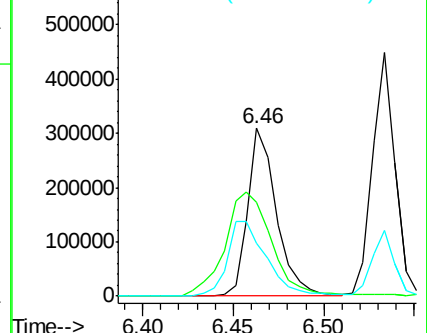
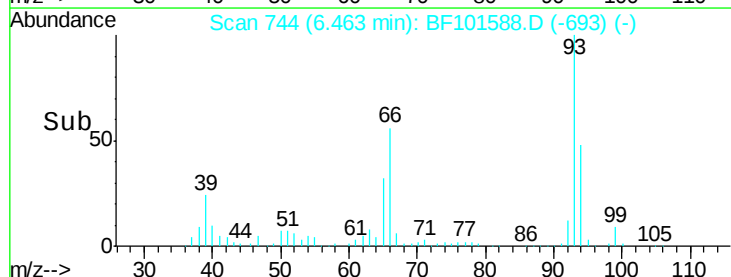
65 31.8 16.4 24.6#

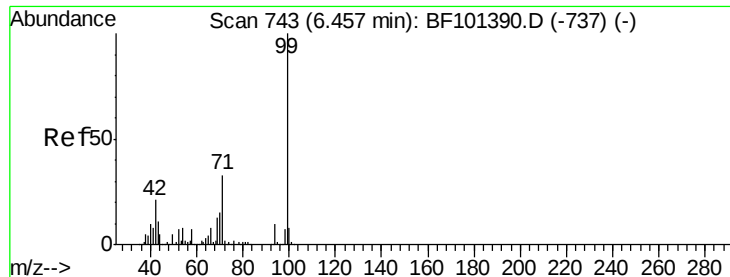


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.059 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

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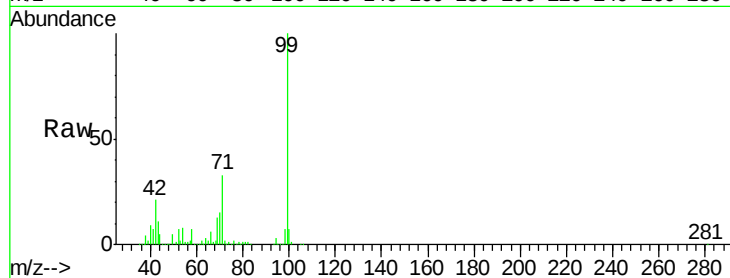
Tot Ion: 99 Resp: 896204

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

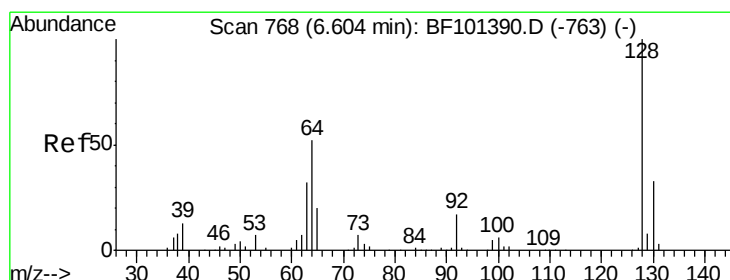
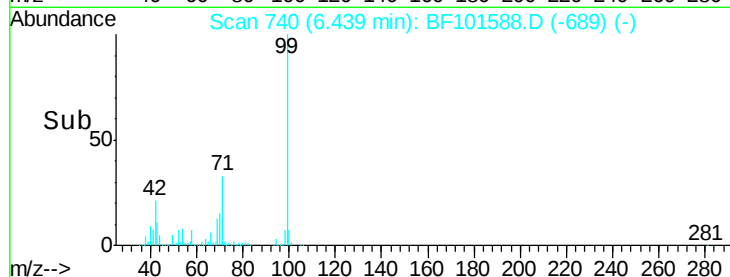
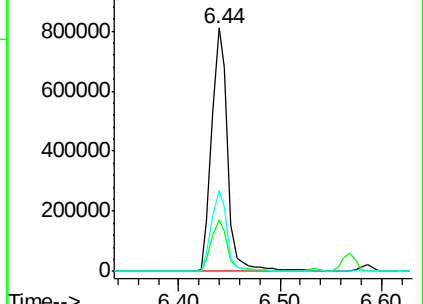
71 33.3 25.4 38.0



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: 36.676 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

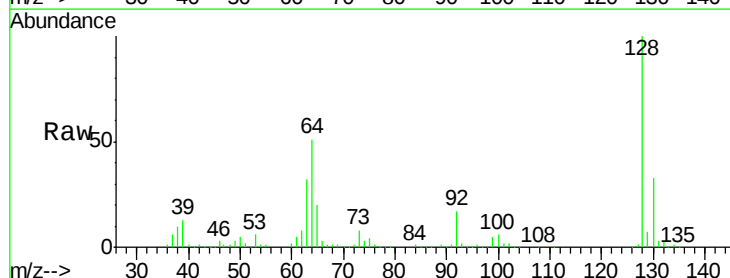
Tgt Ion: 128 Resp: 370143

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

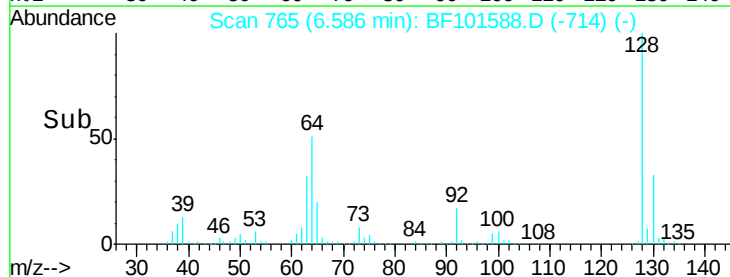
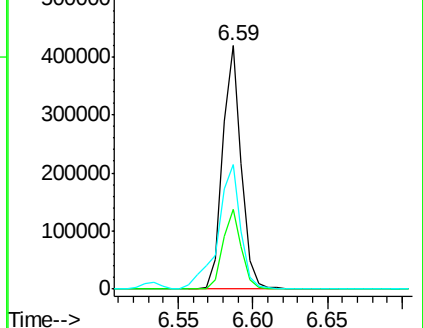
64 51.2 29.4 69.4

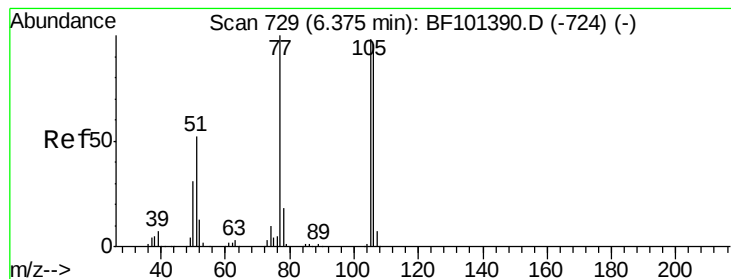


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.412 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

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ClientSampleId :

PB105190BSD

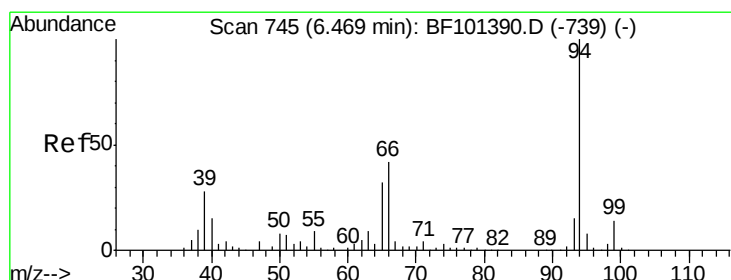
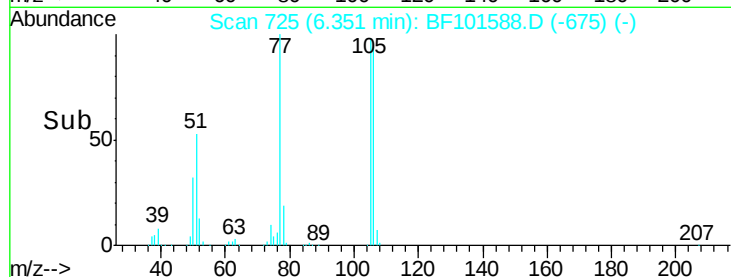
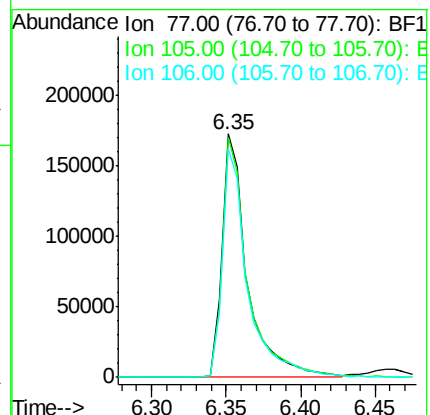
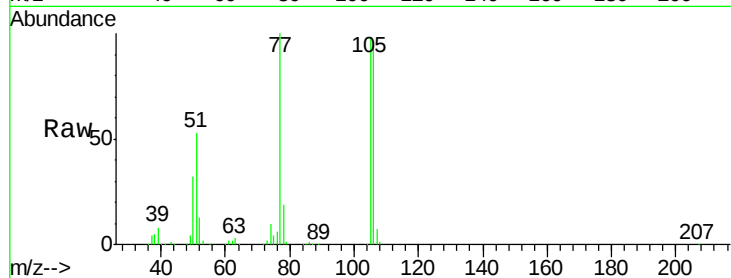
Tot Ion: 77 Resp: 206446

Ion Ratio Lower Upper

77 100

105 98.3 81.1 121.1

106 93.9 74.5 114.5



#10

Phenol

Concen: 35.601 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

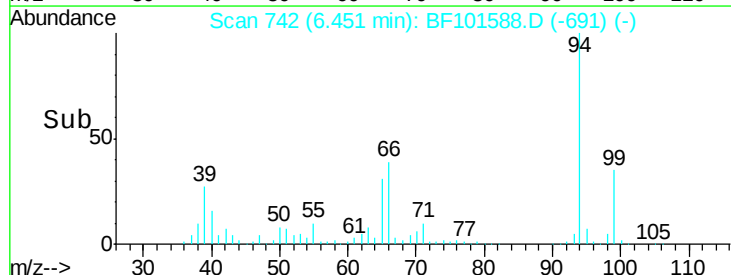
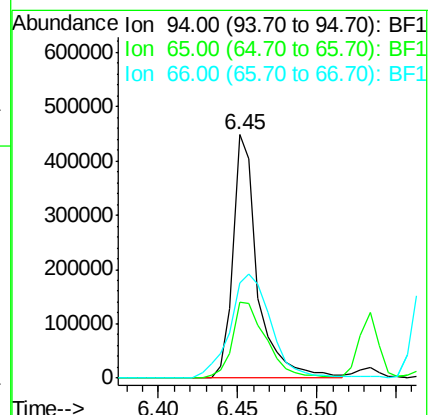
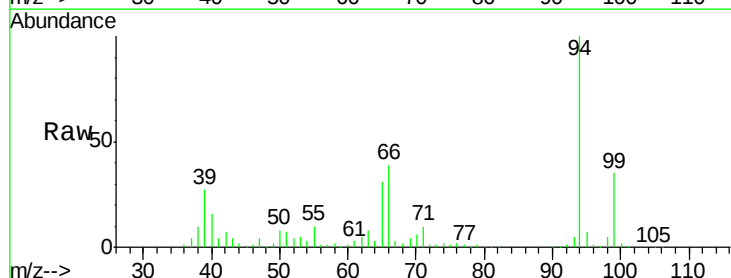
Tgt Ion: 94 Resp: 484482

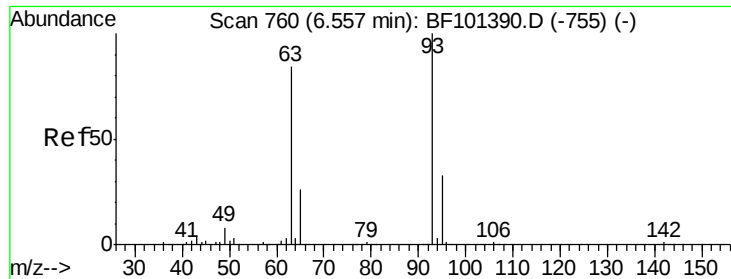
Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 39.2 16.2 56.2

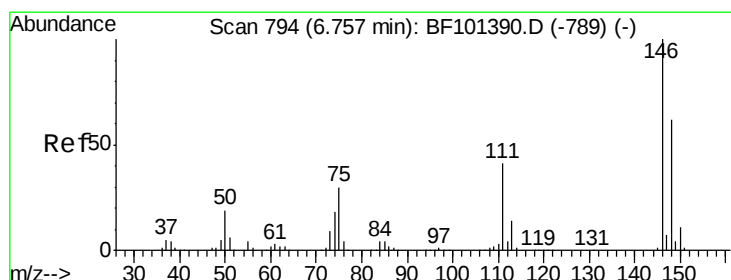
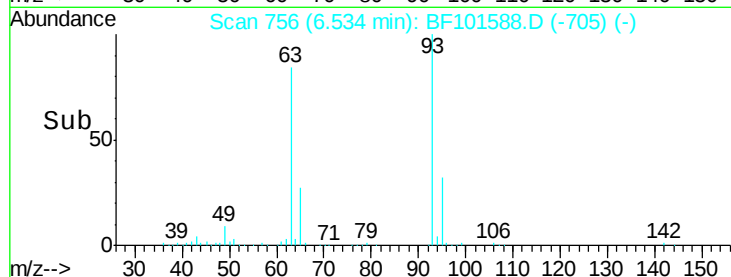
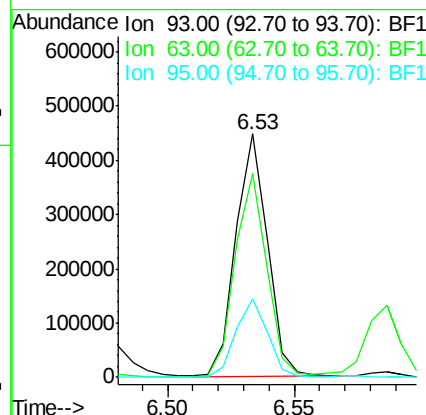
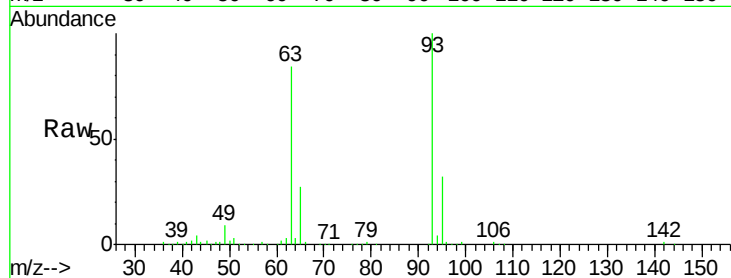




#11
bis(2-Chloroethyl)ether
Concen: 36.016 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

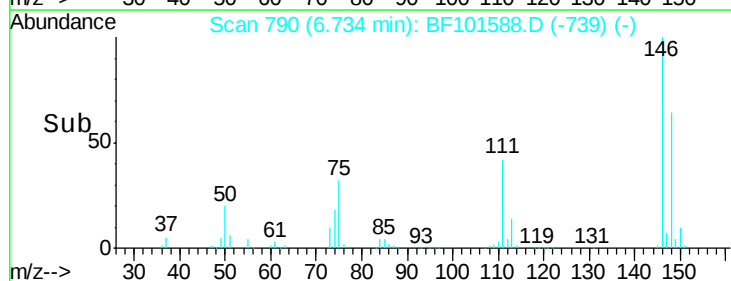
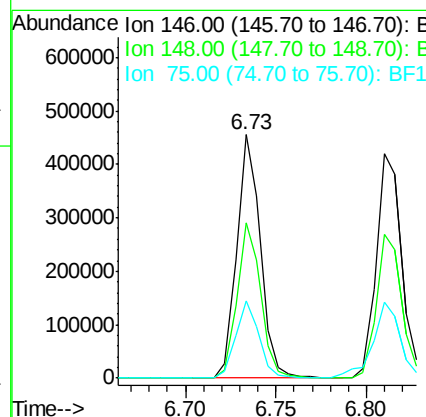
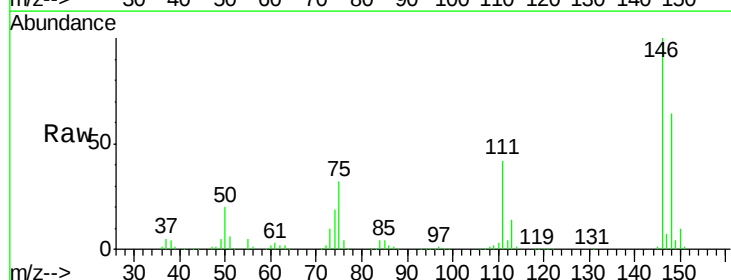
Instrument :
BNA_F
ClientSampleId :
PB105190BSD

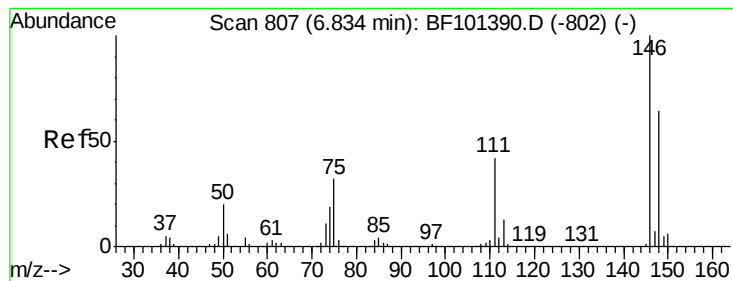
Tot Ion: 93 Resp: 384456
Ion Ratio Lower Upper
93 100
63 83.9 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.299 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion: 146 Resp: 413454
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 31.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.777 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleID :

PB105190BSD

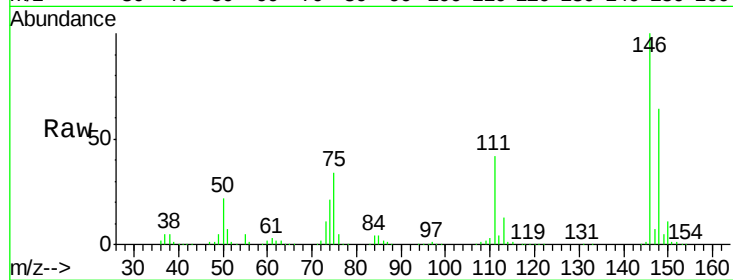
Tot Ion:146 Resp: 416135

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

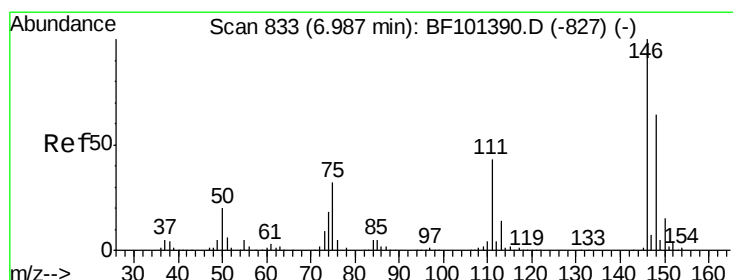
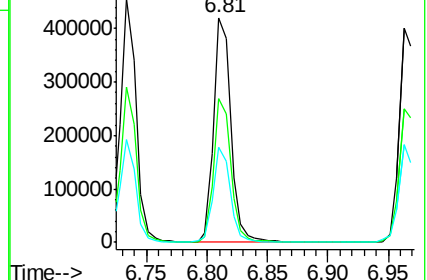
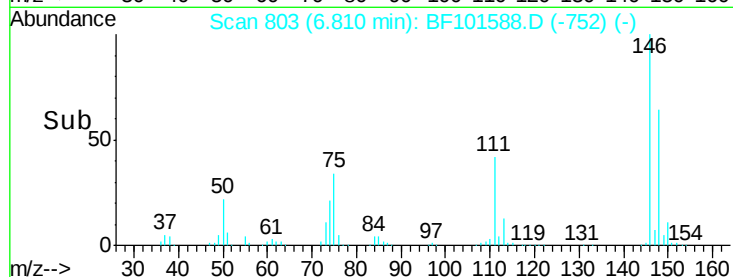
111 42.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.852 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

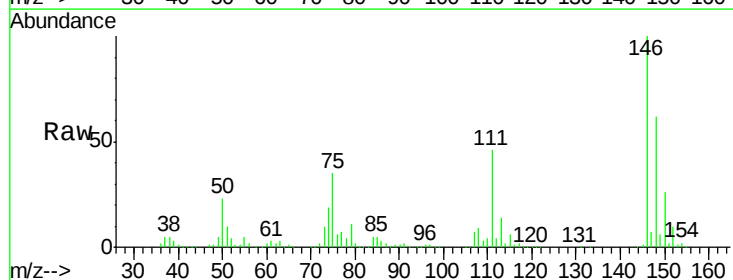
Tgt Ion:146 Resp: 375360

Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

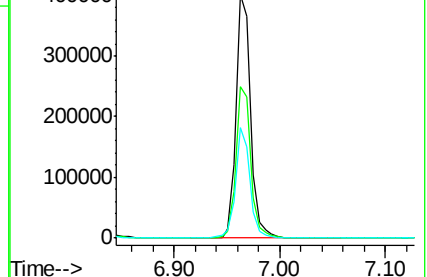
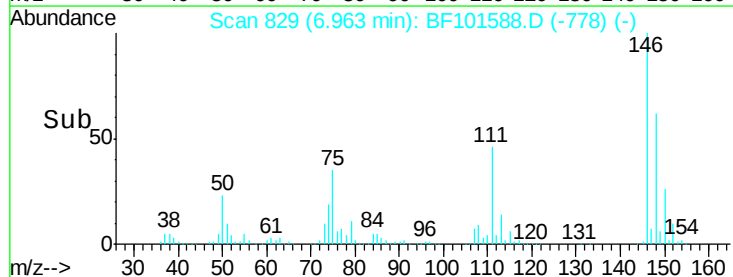
111 45.6 36.0 54.0

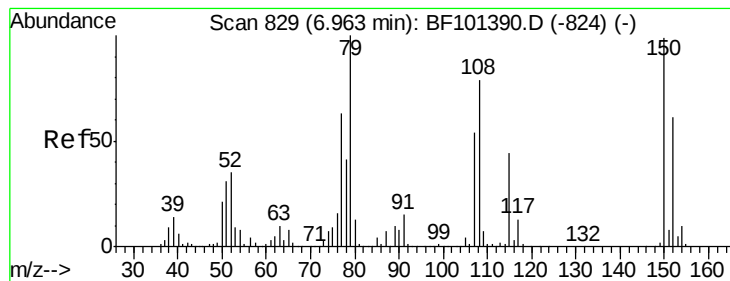


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.470 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

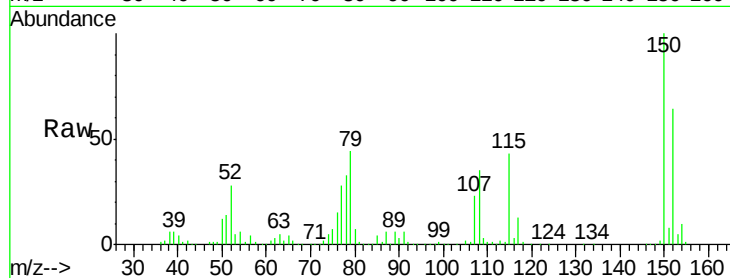
Tot Ion: 79 Resp: 275068

Ion Ratio Lower Upper

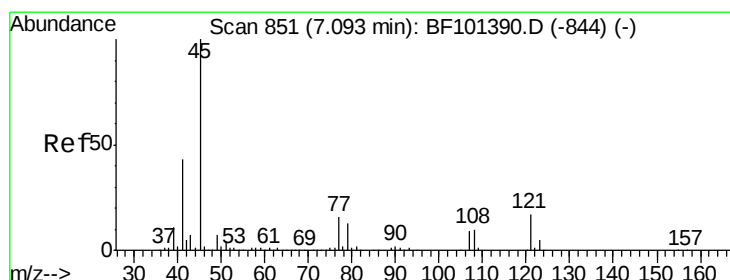
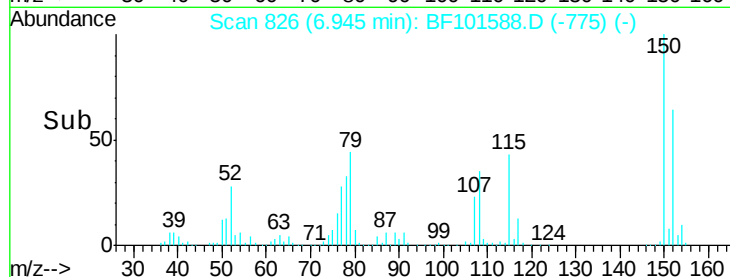
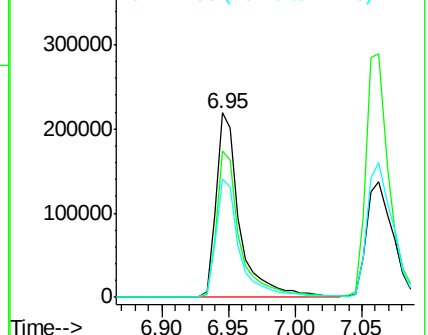
79 100

108 79.2 65.1 97.7

77 64.1 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.494 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

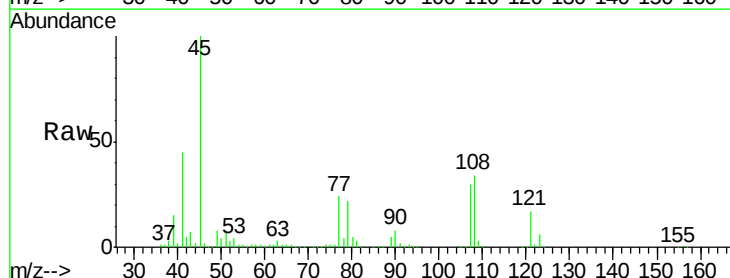
Tgt Ion: 45 Resp: 628877

Ion Ratio Lower Upper

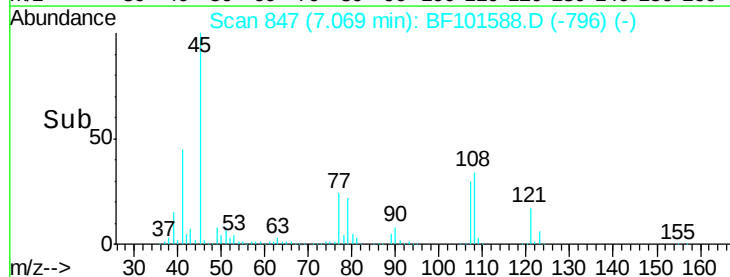
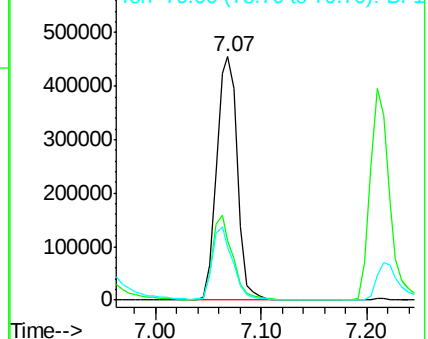
45 100

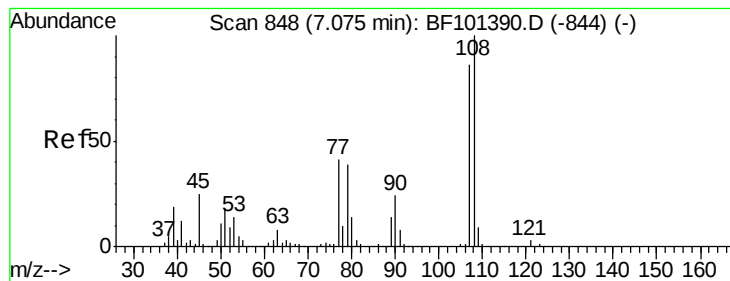
77 24.5 0.0 32.9

79 21.5 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

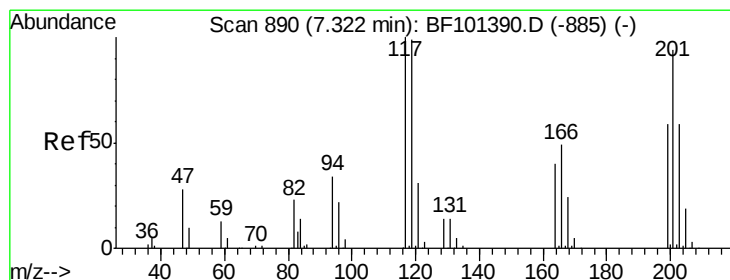
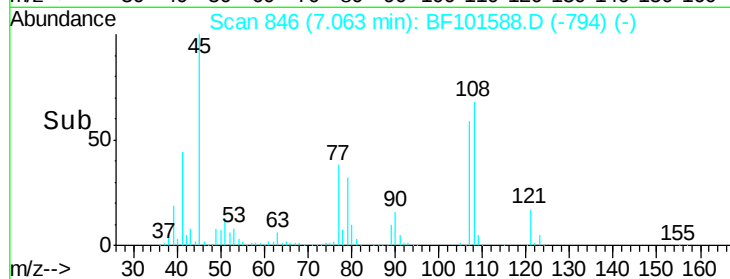
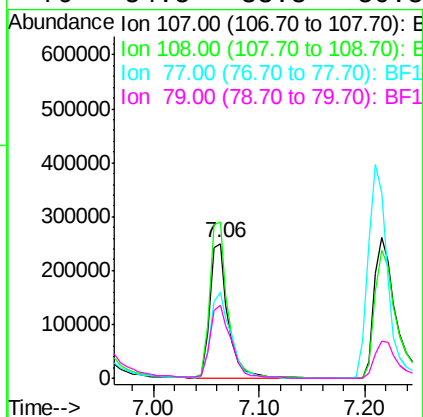
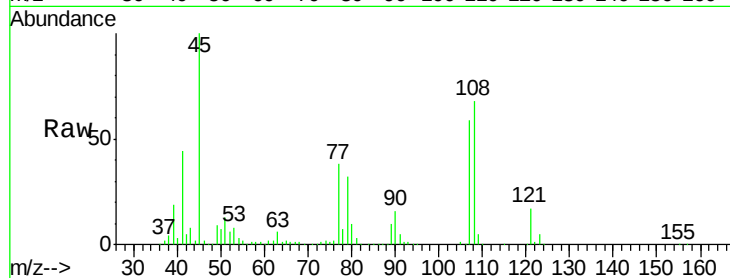




#17
2-Methylphenol
Concen: 32.373 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

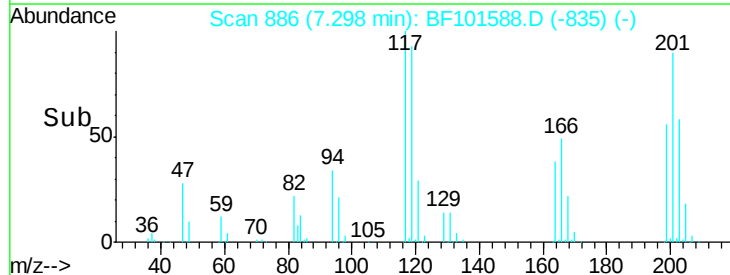
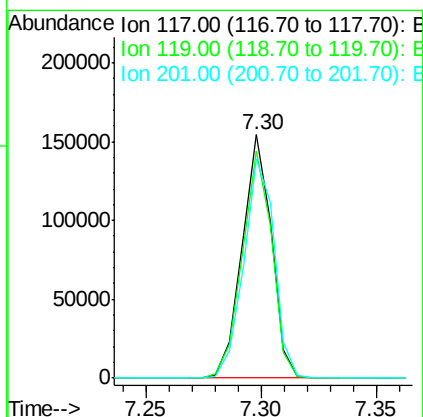
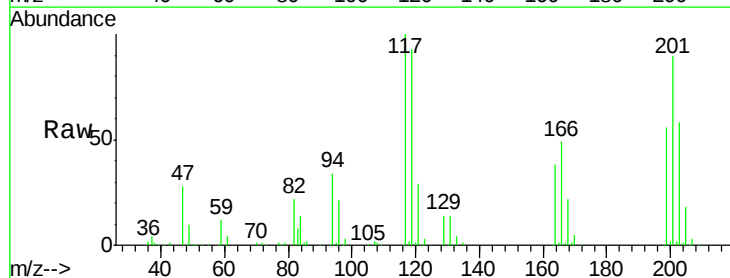
Instrument :
BNA_F
ClientSampleId :
PB105190BSD

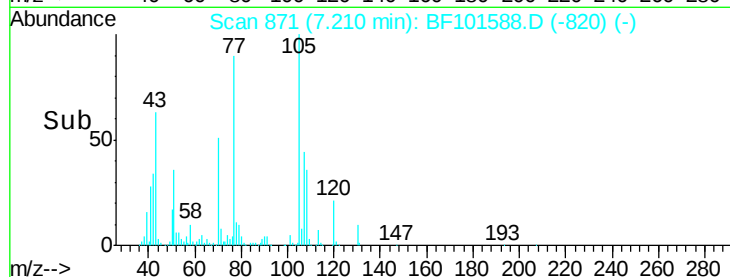
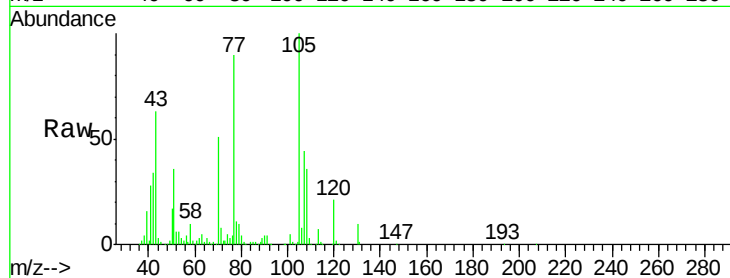
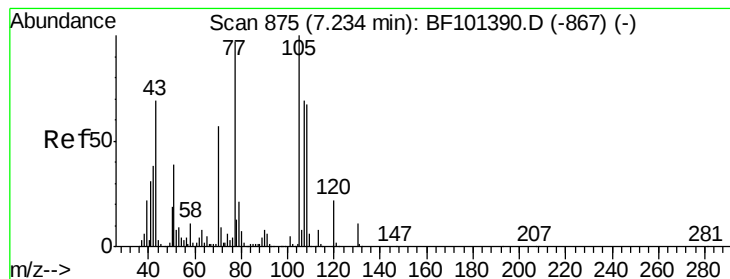
Tot Ion:107 Resp: 300531
Ion Ratio Lower Upper
107 100
108 115.4 91.7 137.5
77 63.6 33.8 50.8#
79 54.5 33.8 50.8#



#18
Hexachloroethane
Concen: 33.992 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion:117 Resp: 137462
Ion Ratio Lower Upper
117 100
119 93.3 75.8 113.8
201 90.2 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 33.192 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

Tot Ion: 70 Resp: 260268

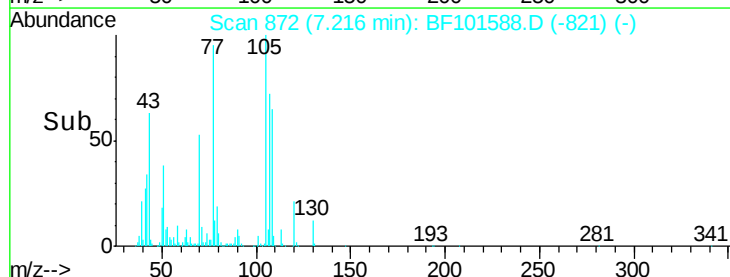
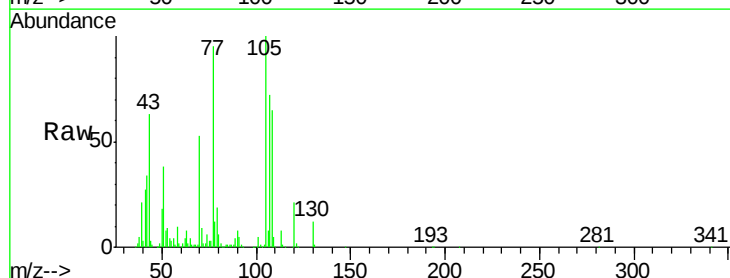
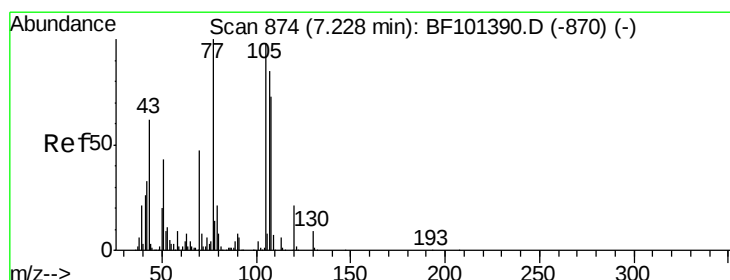
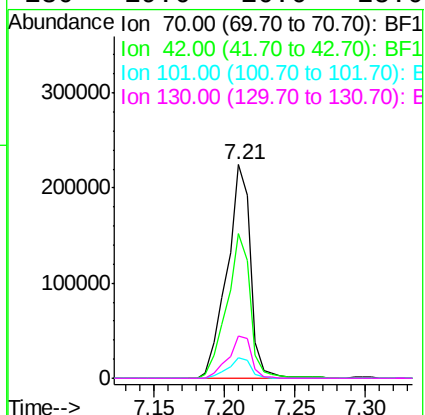
Ion Ratio Lower Upper

70 100

42 67.6 47.5 71.3

101 9.4 7.4 11.2

130 19.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.641 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Tgt Ion: 107 Resp: 380123

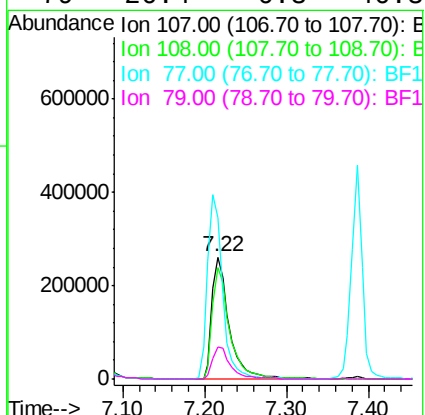
Ion Ratio Lower Upper

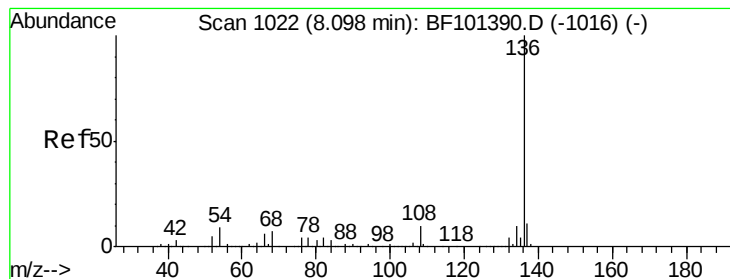
107 100

108 90.8 68.2 108.2

77 132.1 26.7 66.7#

79 26.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

Tot Ion:136 Resp: 548715

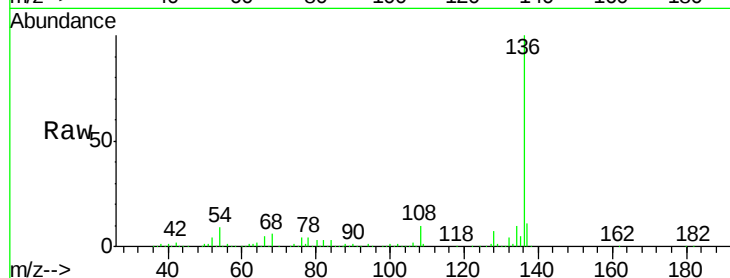
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.6 6.6 9.8

68 6.4 5.0 7.4

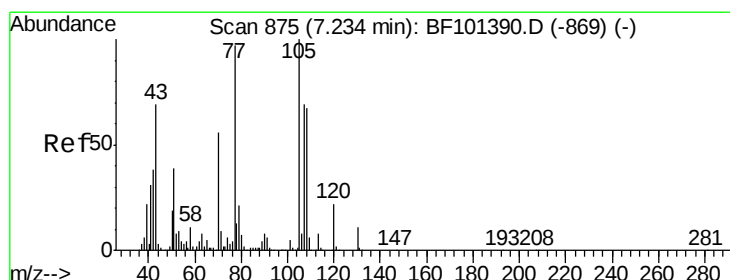
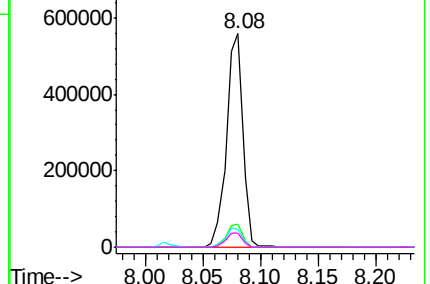
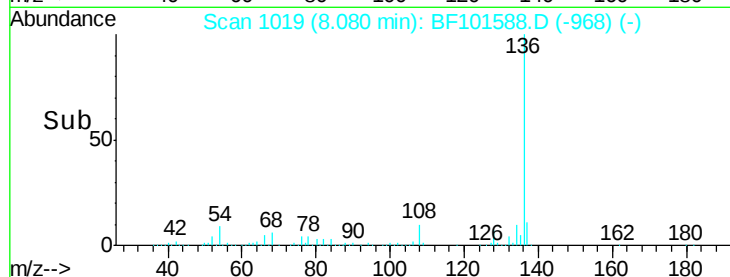


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.650 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Tgt Ion:105 Resp: 508952

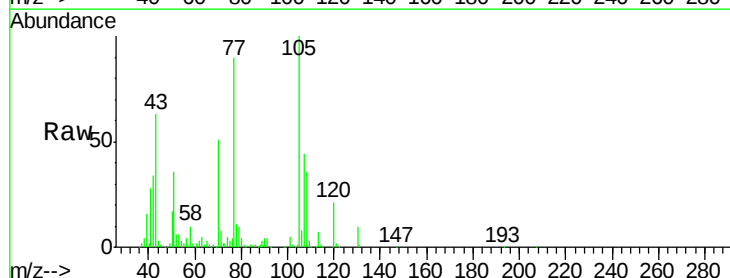
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 36.1 22.3 33.5#

120 21.4 16.9 25.3

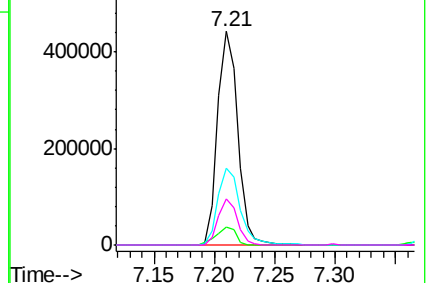
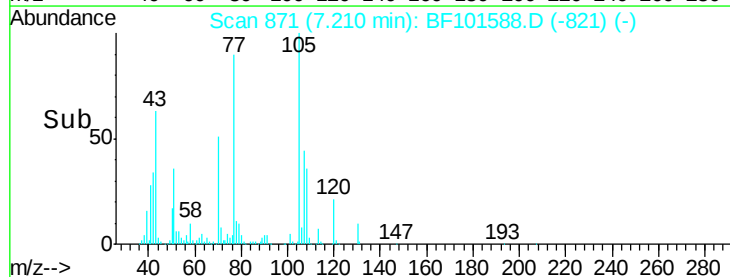


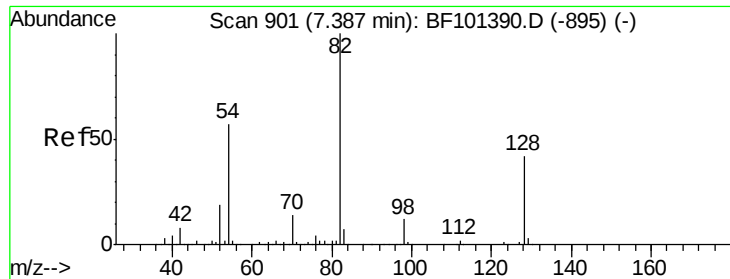
Abundance Ion 105.00 (104.70 to 105.70): E

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

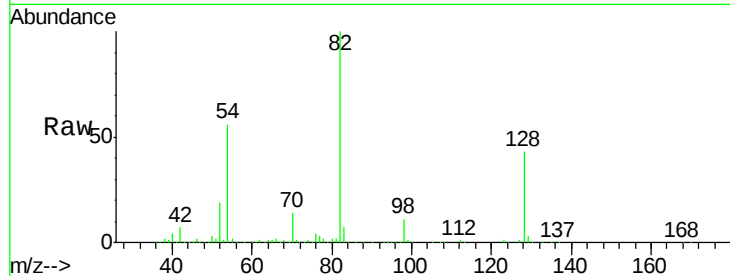




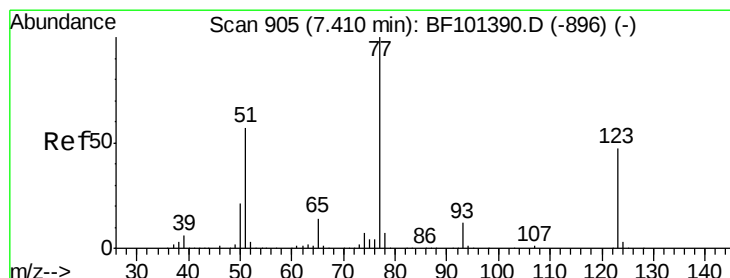
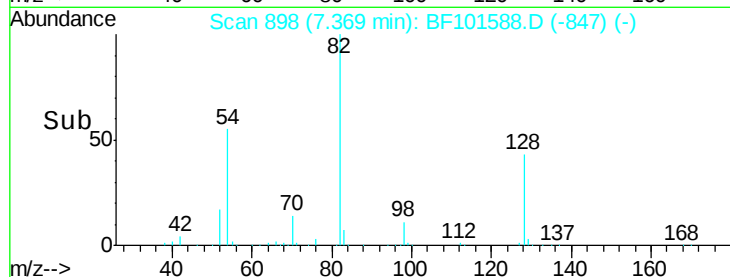
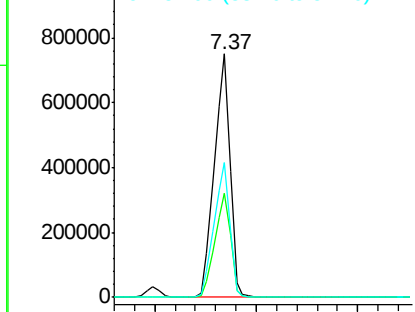
#23
Nitrobenzene-d5
Concen: 82.489 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Instrument :
BNA_F
ClientSampleId :
PB105190BSD

Tot Ion	82	Resp	813117
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	55.6	41.4	62.2

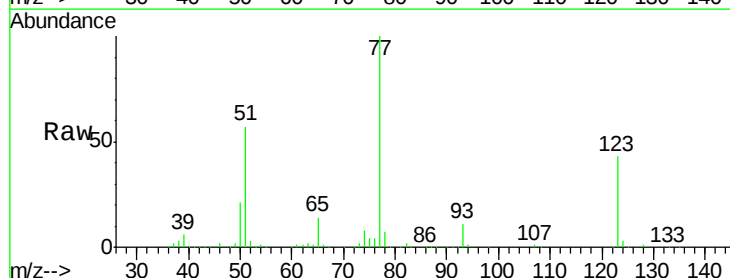


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

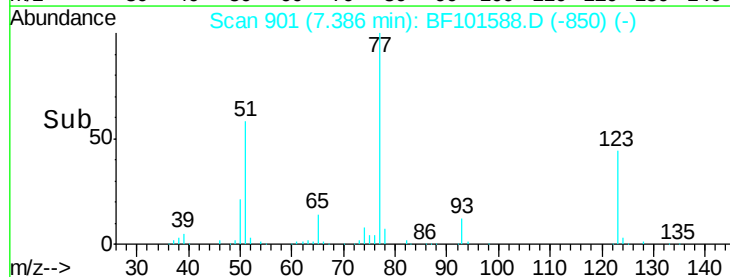
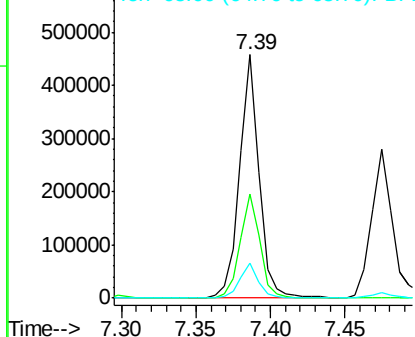


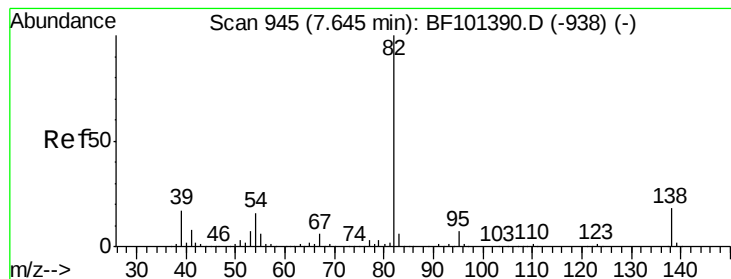
#24
Nitrobenzene
Concen: 38.266 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion	77	Resp	417461
Ion Ratio	Lower	Upper	
77	100		
123	42.8	37.9	56.9
65	14.1	11.0	16.4



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





#25

Isophorone

Concen: 38.308 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

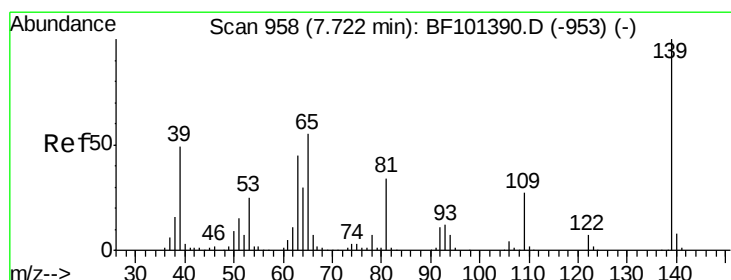
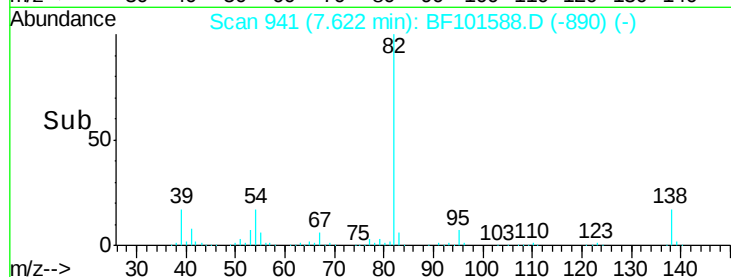
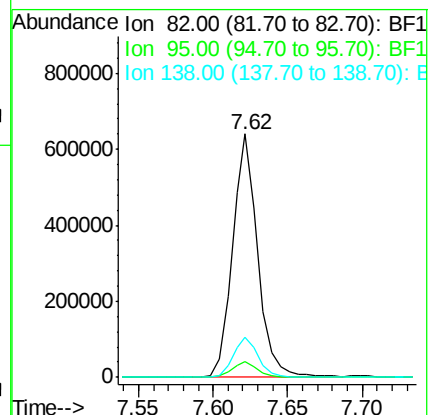
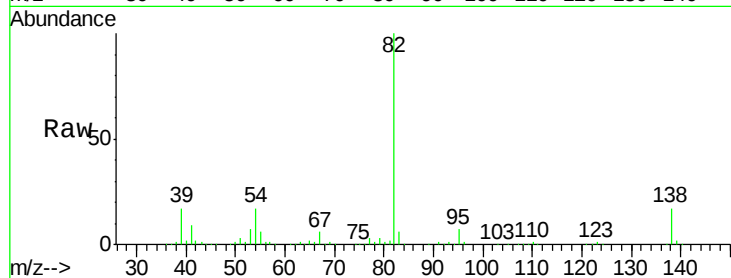
Tot Ion: 82 Resp: 757513

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.6 14.9 22.3



#26

2-Nitrophenol

Concen: 39.544 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

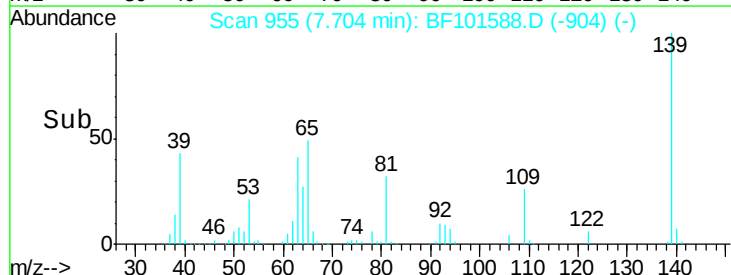
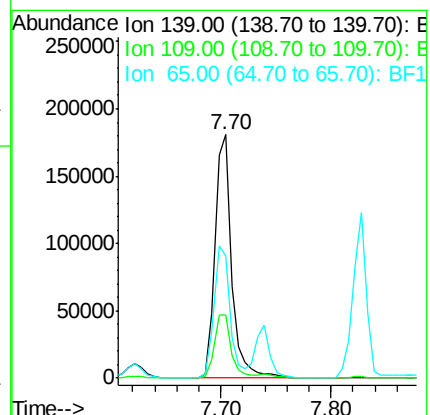
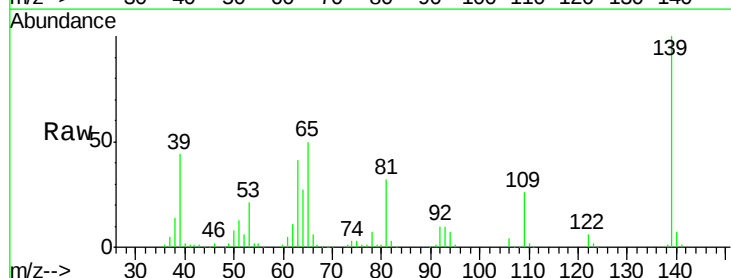
Tgt Ion: 139 Resp: 185342

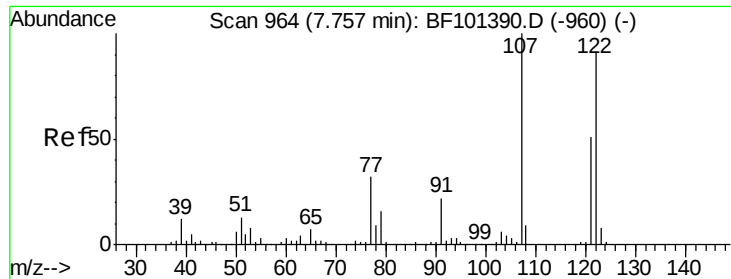
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 50.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.750 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleID :

PB105190BSD

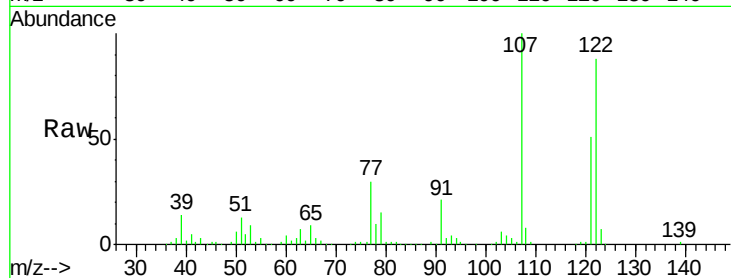
Tot Ion:122 Resp: 324475

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

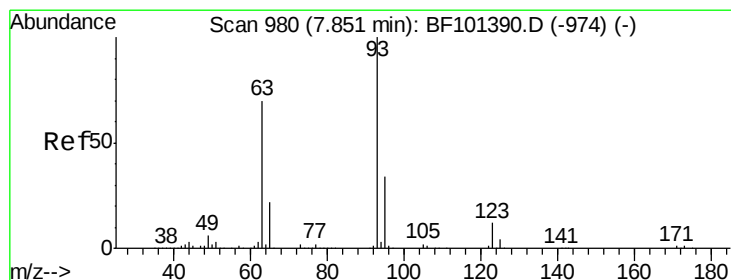
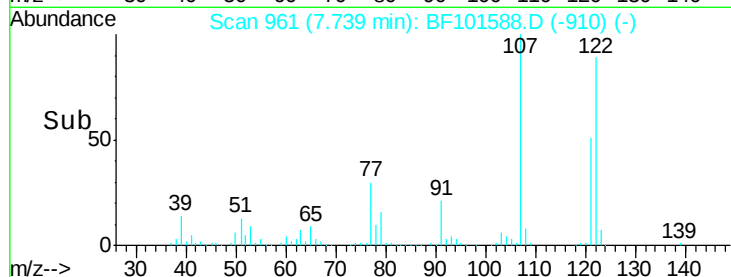
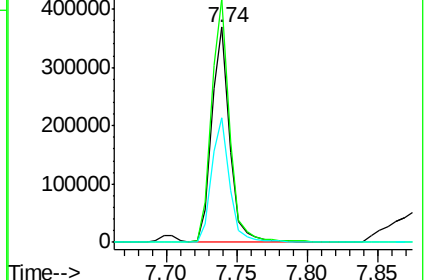
121 57.9 47.2 70.8



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: 37.806 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

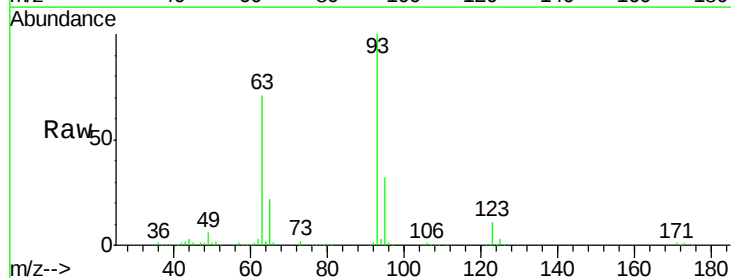
Tgt Ion: 93 Resp: 474882

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

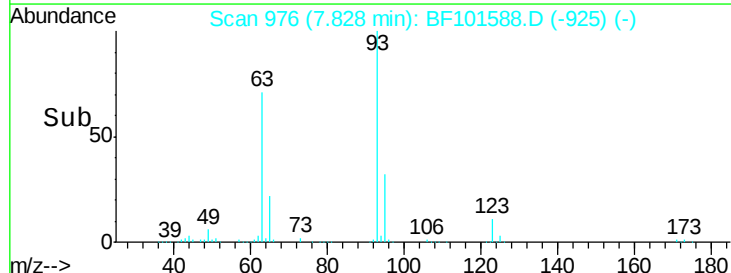
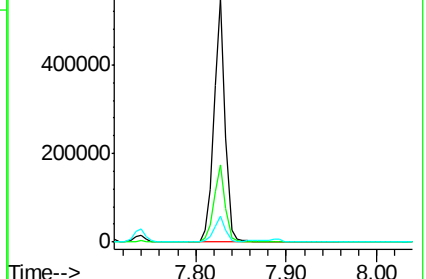
123 10.8 9.8 14.6

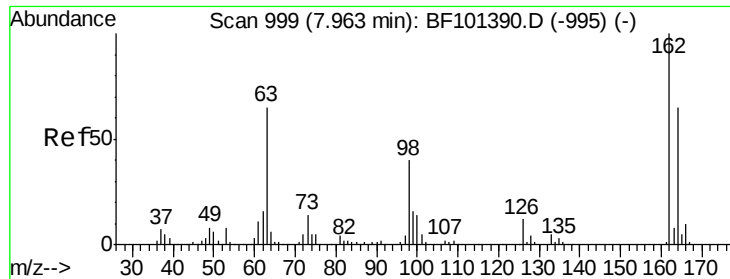


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

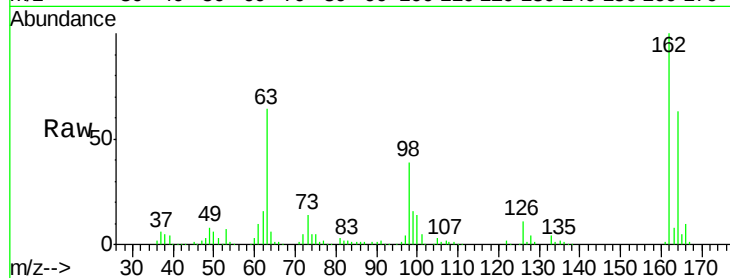




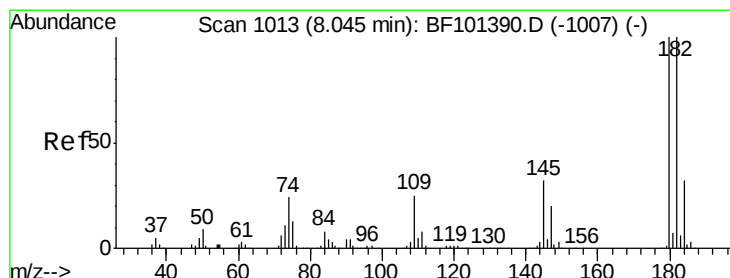
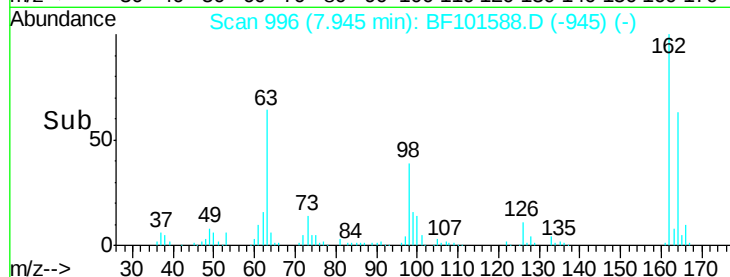
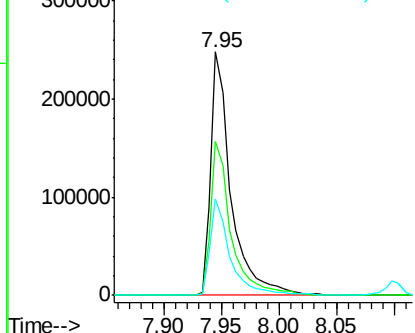
#29
 2,4-Dichlorophenol
 Concen: 38.386 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	39.5	18.1	58.1

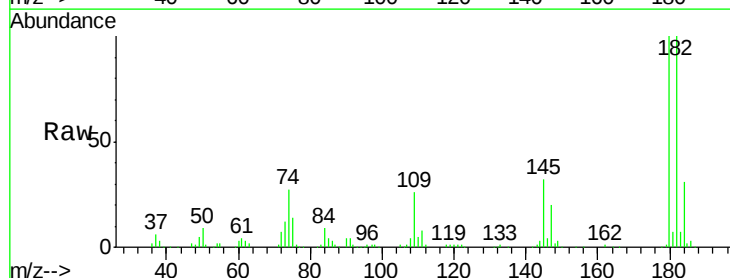


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

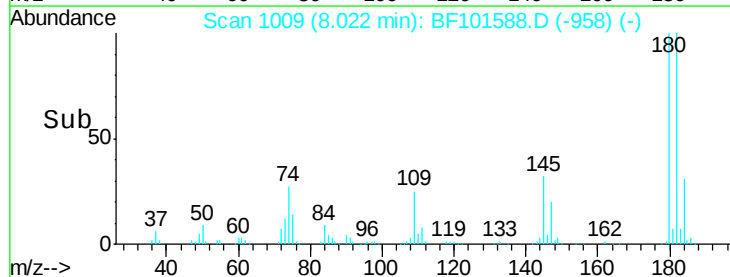
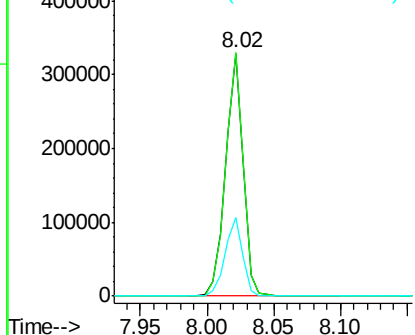


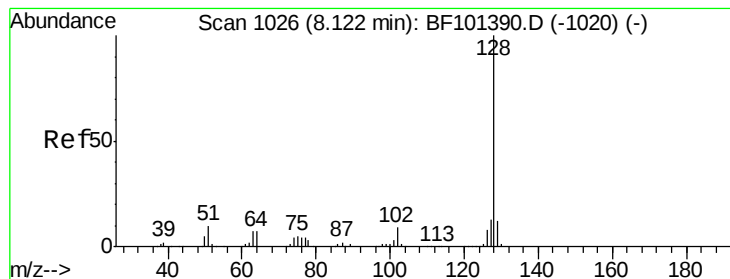
#30
 1,2,4-Trichlorobenzene
 Concen: 37.066 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	76.8	115.2
145	32.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.218 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

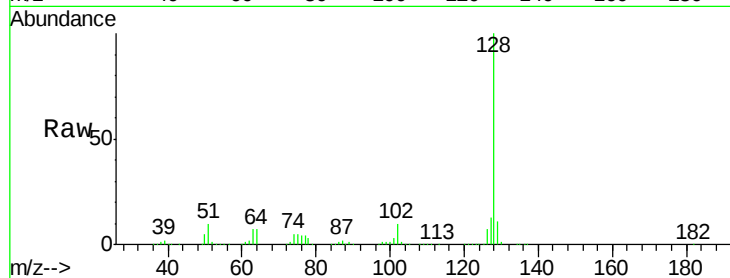
Tot Ion:128 Resp: 1000496

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

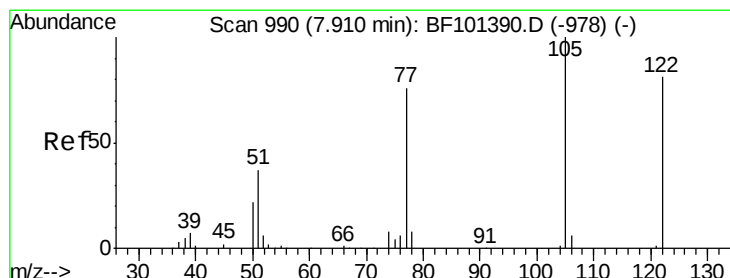
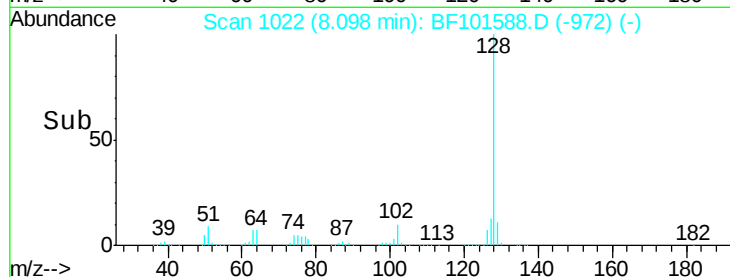
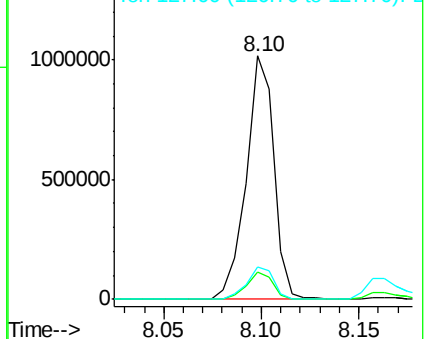
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.698 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

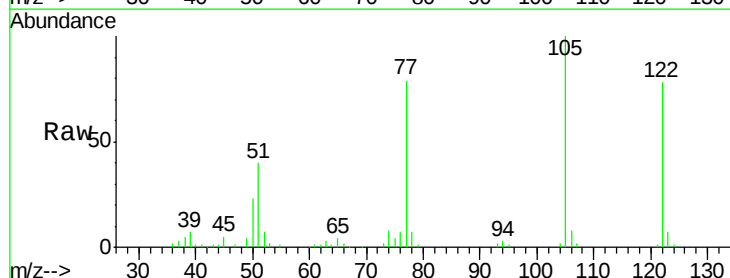
Tgt Ion:122 Resp: 165538

Ion Ratio Lower Upper

122 100

105 127.4 101.1 141.1

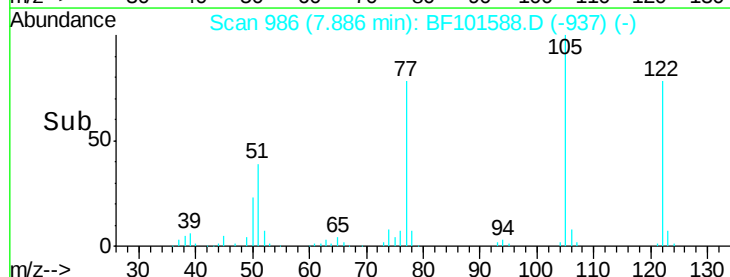
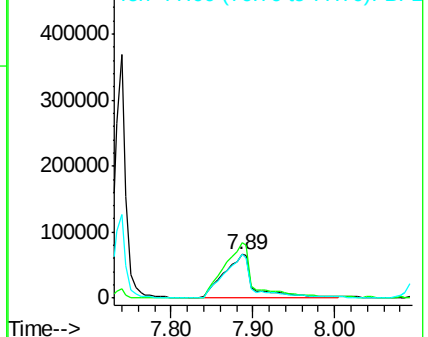
77 101.2 70.7 110.7

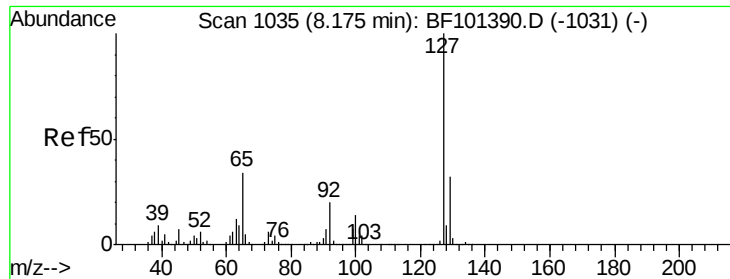


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

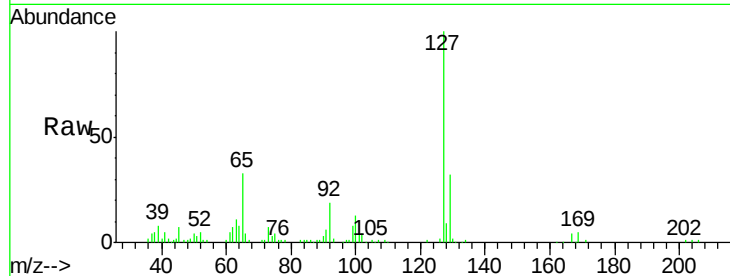




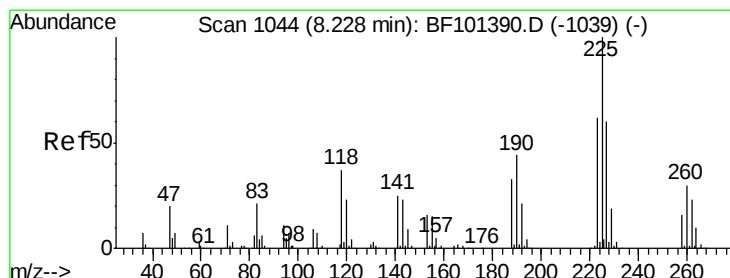
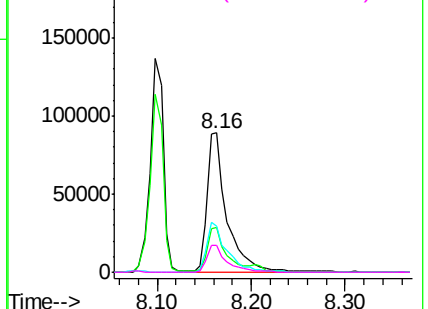
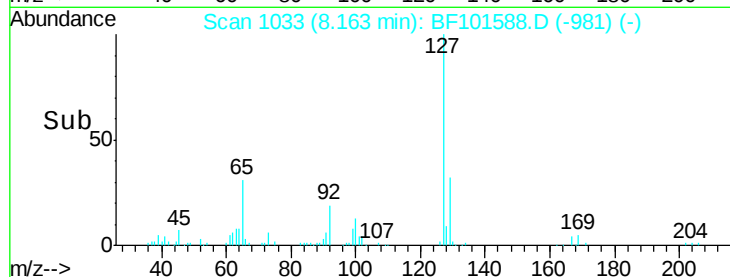
#33
4-Chloroaniline
Concen: 11.077 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Instrument :
BNA_F
ClientSampleId :
PB105190BSD

Tot Ion:	127	Resp:	132990
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.9	25.0	37.4
92	19.4	15.2	22.8

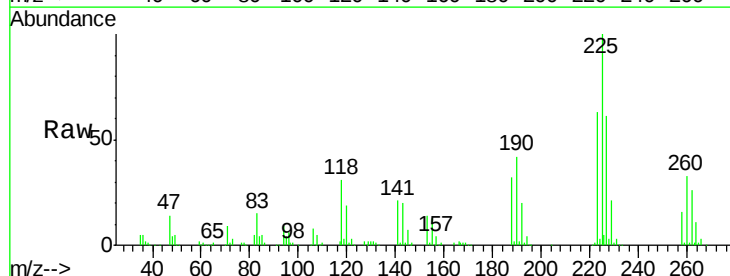


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

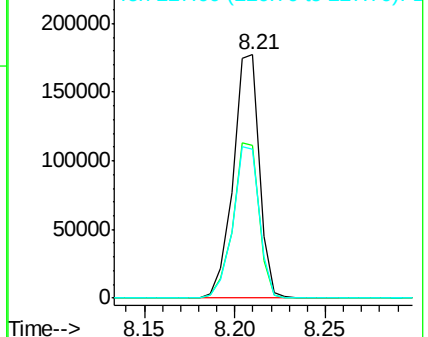
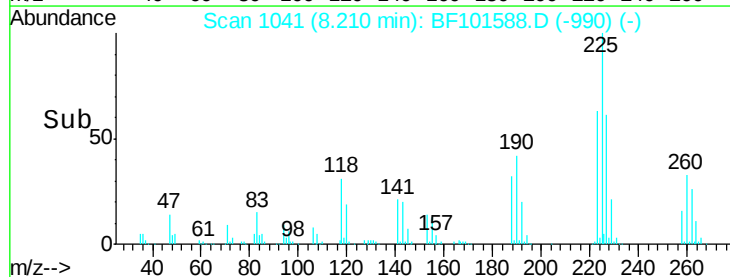


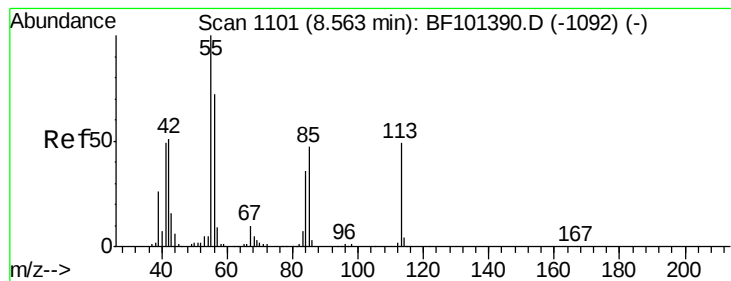
#34
Hexachlorobutadiene
Concen: 37.112 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion:	225	Resp:	178188
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	61.1	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: 36.431 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

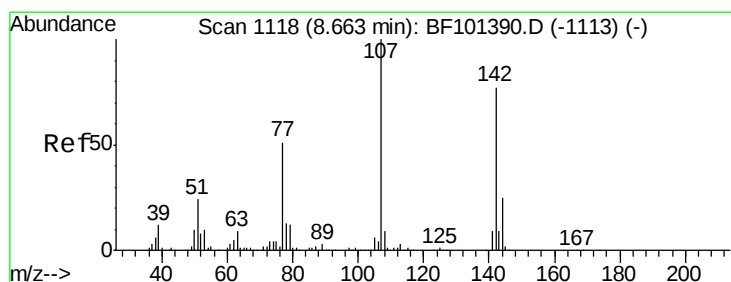
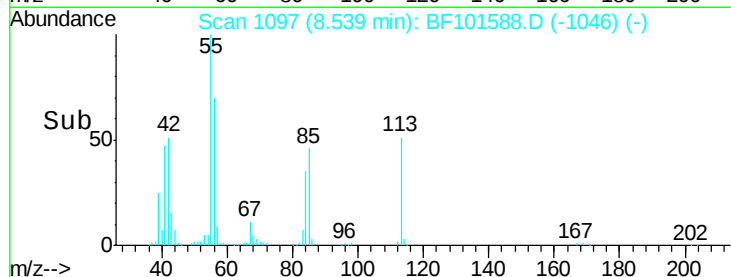
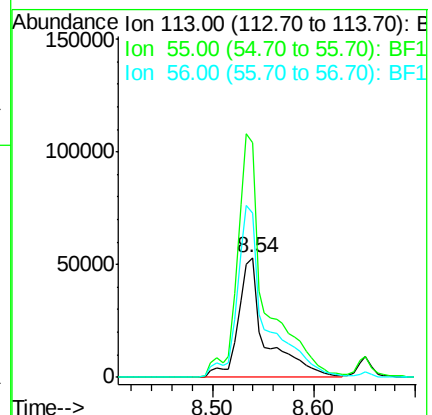
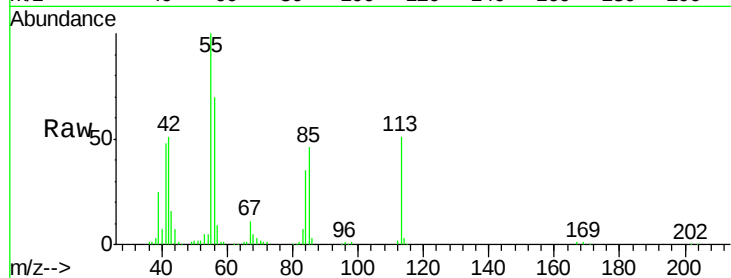
Tot Ion:113 Resp: 99513

Ion Ratio Lower Upper

113 100

55 196.0 163.3 203.3

56 137.6 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 35.395 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

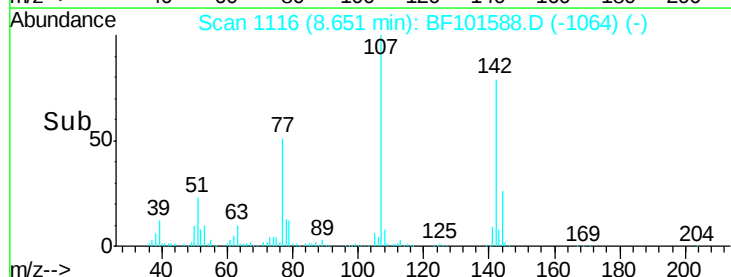
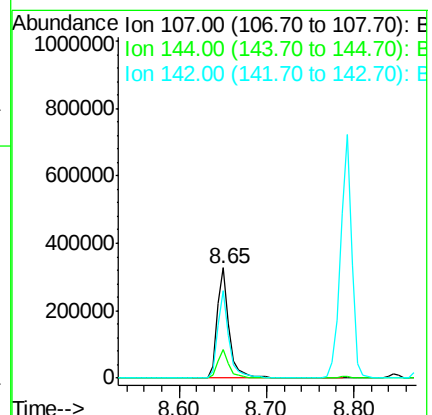
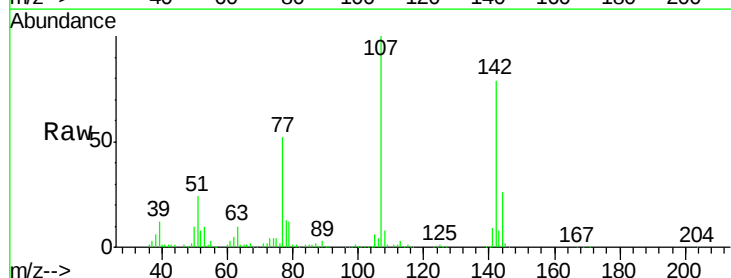
Tgt Ion:107 Resp: 306030

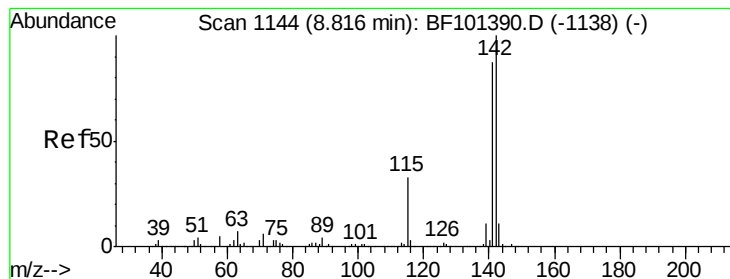
Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

142 79.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.888 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

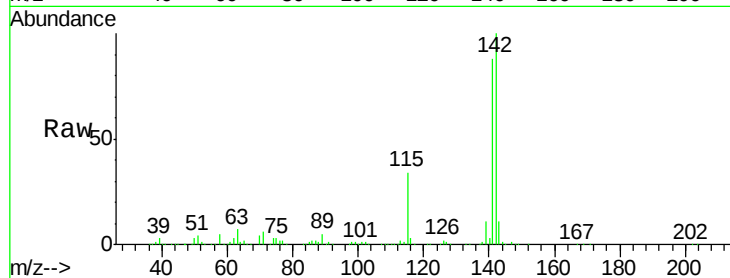
Tot Ion:142 Resp: 645898

Ion Ratio Lower Upper

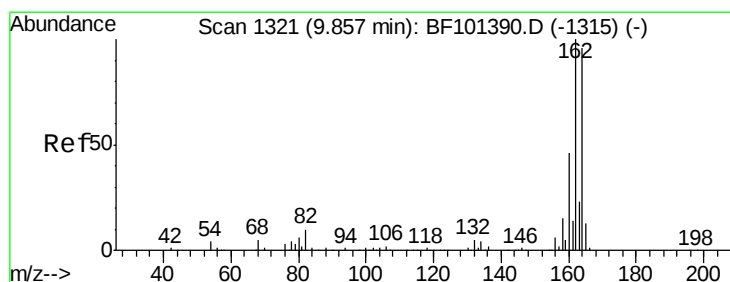
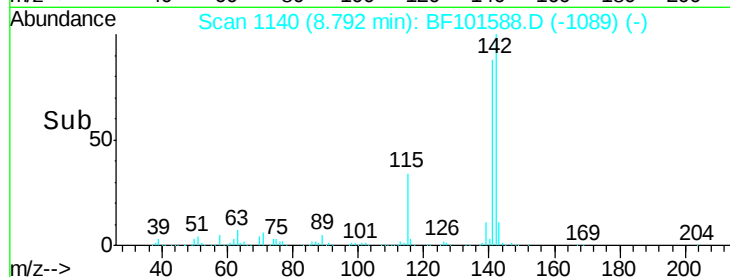
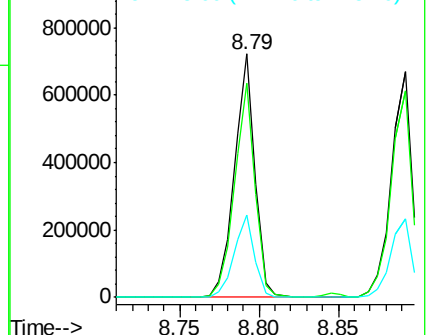
142 100

141 88.2 70.8 106.2

115 33.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

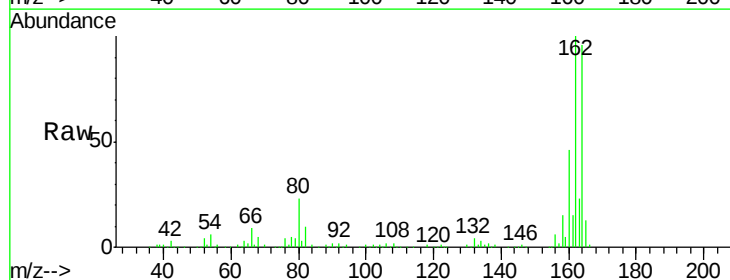
Tgt Ion:164 Resp: 222482

Ion Ratio Lower Upper

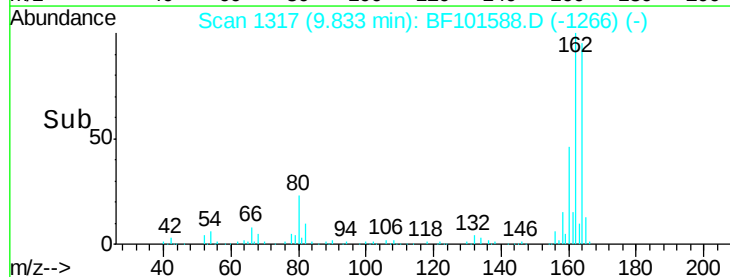
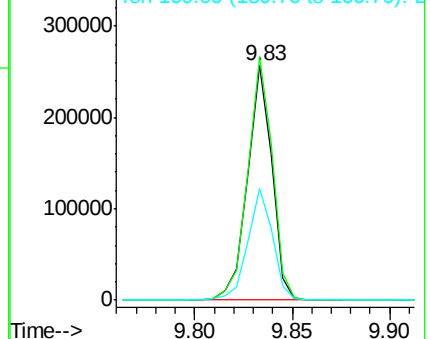
164 100

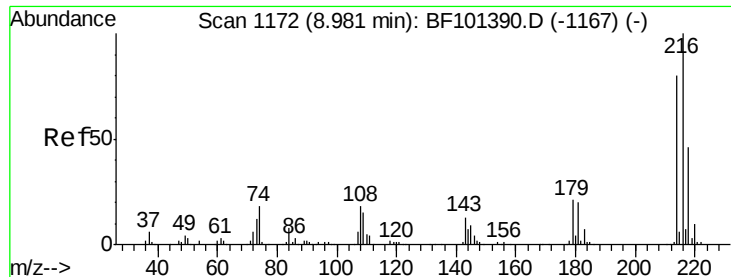
162 103.8 86.1 129.1

160 47.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

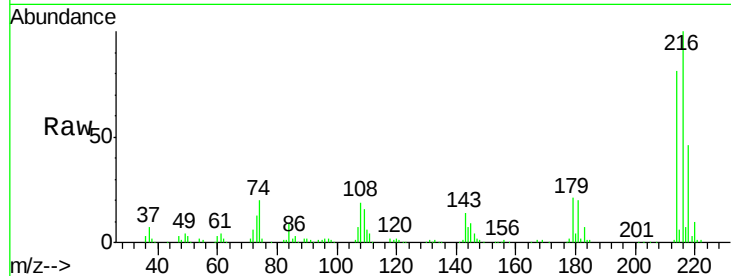




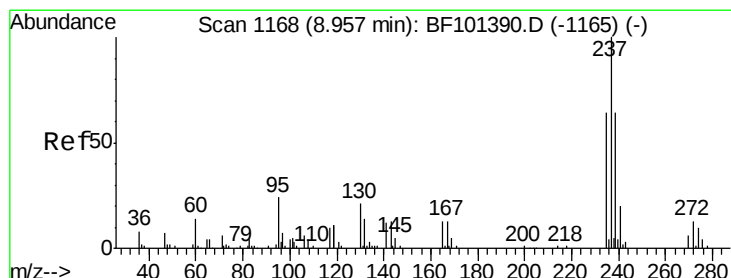
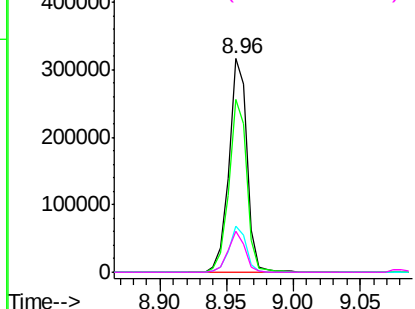
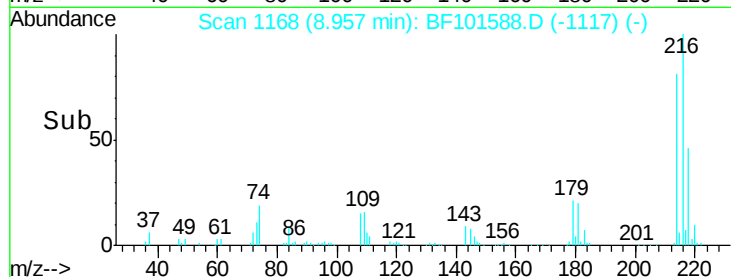
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.251 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

Tot Ion:	216	Resp:	302348
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.0	94.4
179	20.9	18.1	27.1
108	18.1	17.2	25.8

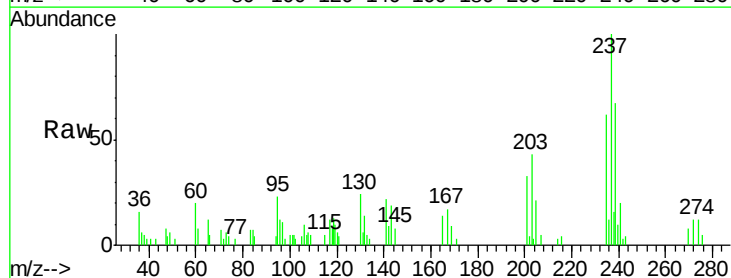


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

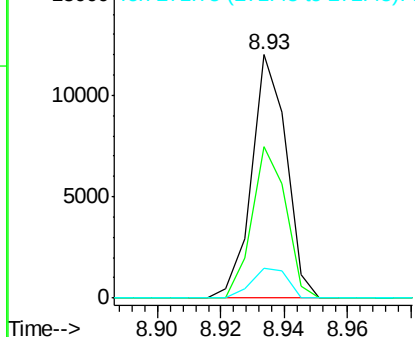
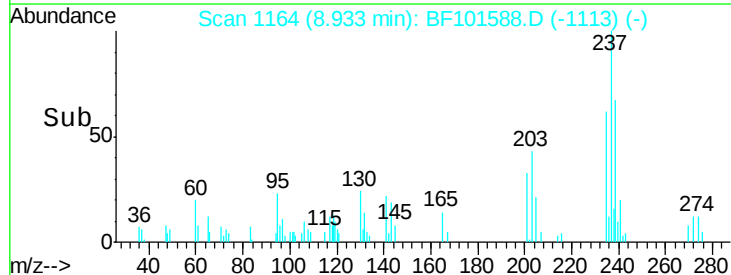


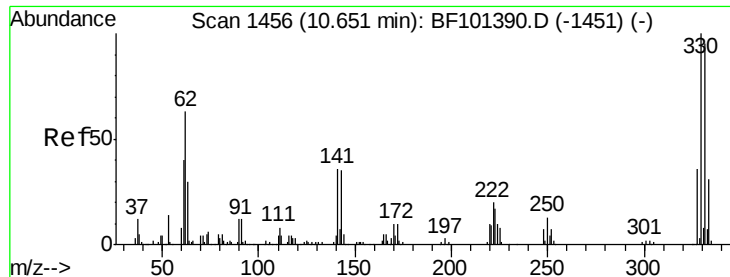
#40
 Hexachlorocyclopentadiene
 Concen: 19.171 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion:	237	Resp:	9092
Ion Ratio	Lower	Upper	
237	100		
235	62.1	44.8	84.8
272	12.2	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

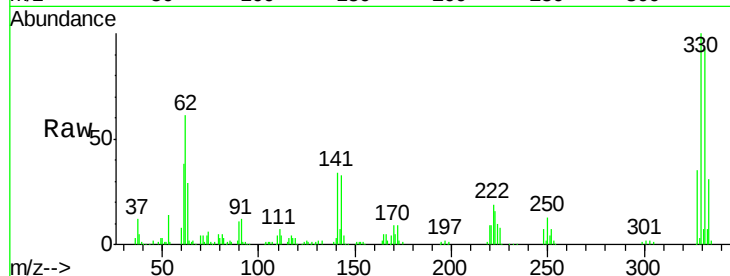




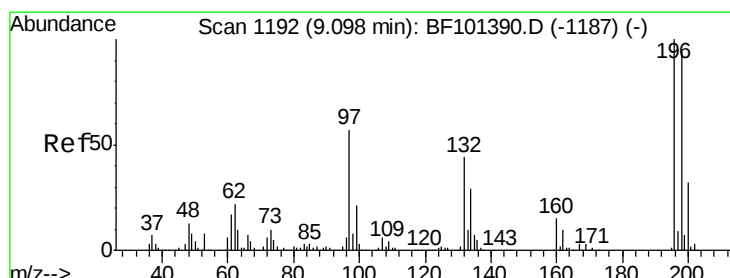
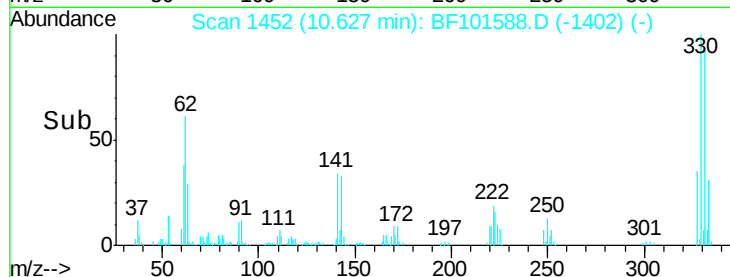
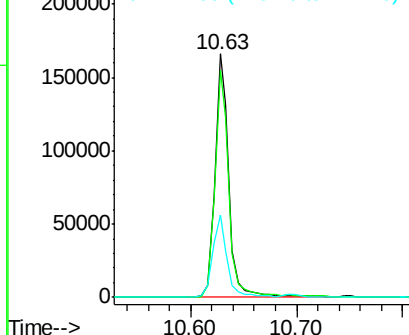
#41
 2,4,6-Tribromophenol
 Concen: 72.779 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

Tot Ion:330 Resp: 156023
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 34.5 29.9 44.9

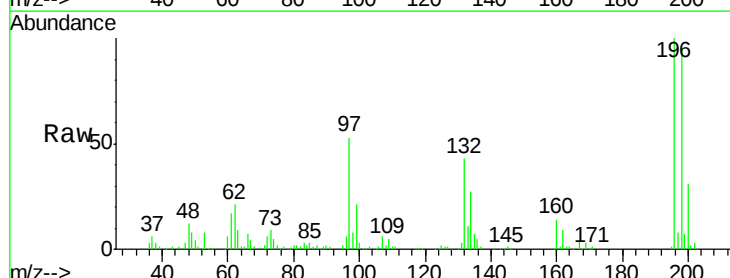


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

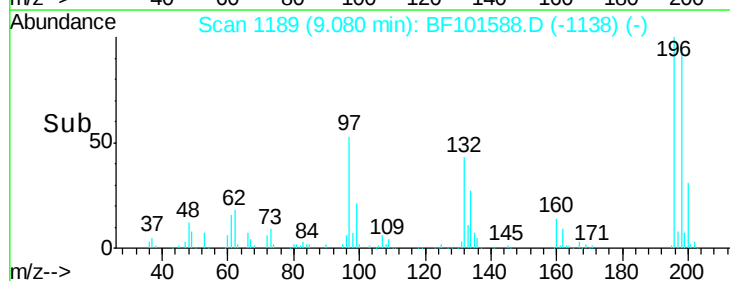
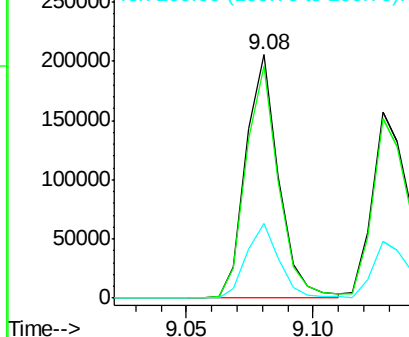


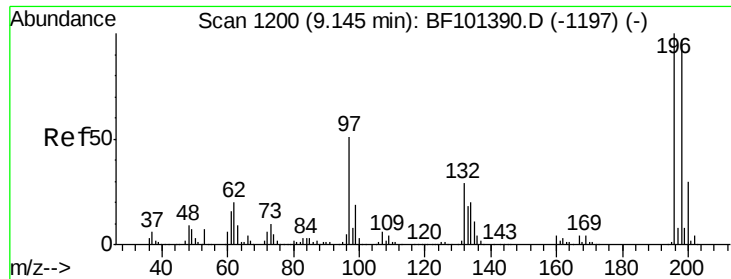
#42
 2,4,6-Trichlorophenol
 Concen: 41.009 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion:196 Resp: 185450
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 30.5 24.5 36.7



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

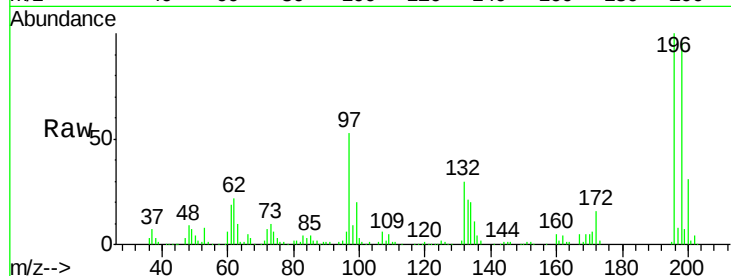




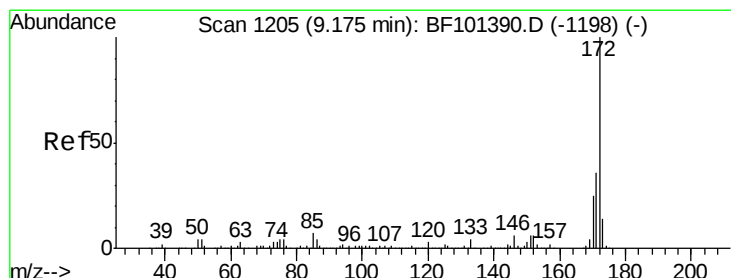
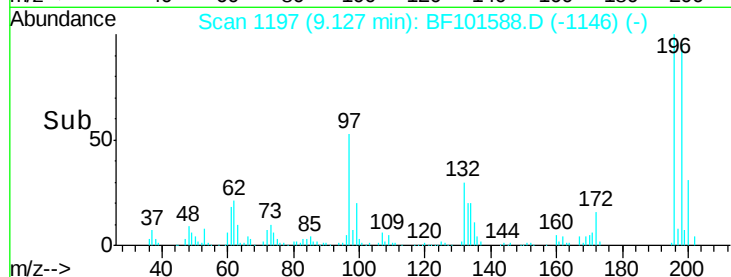
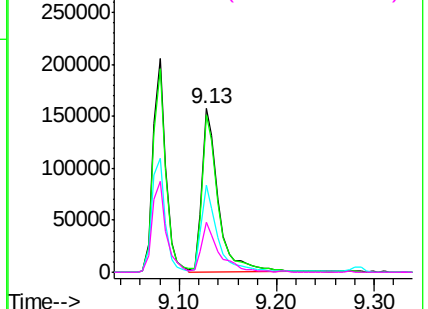
#43
 2,4,5-Trichlorophenol
 Concen: 37.339 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

Tot Ion:196 Resp: 184884
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.6 112.0
 97 53.0 42.9 64.3
 132 30.2 26.3 39.5

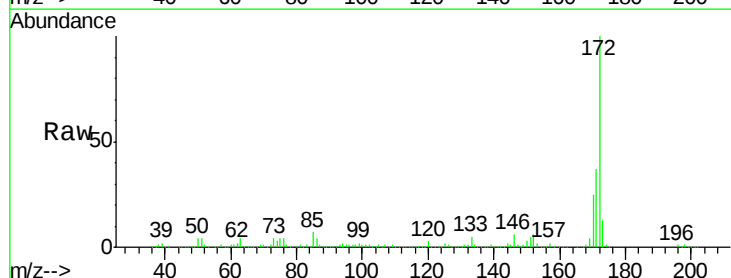


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

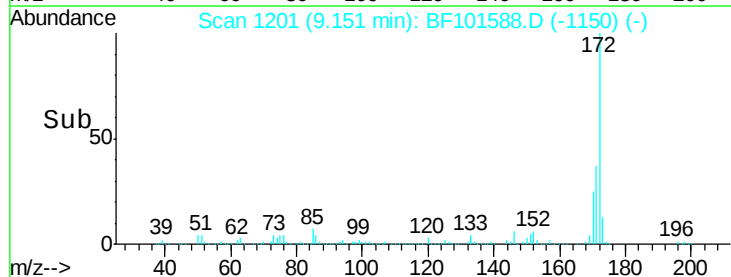
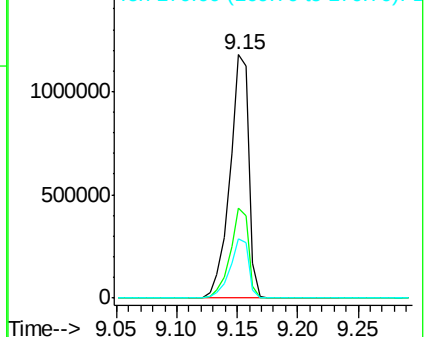


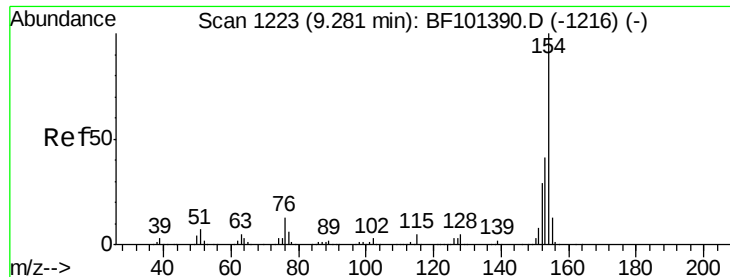
#44
 2-Fluorobiphenyl
 Concen: 89.373 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion:172 Resp: 1281801
 Ion Ratio Lower Upper
 172 100
 171 37.2 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

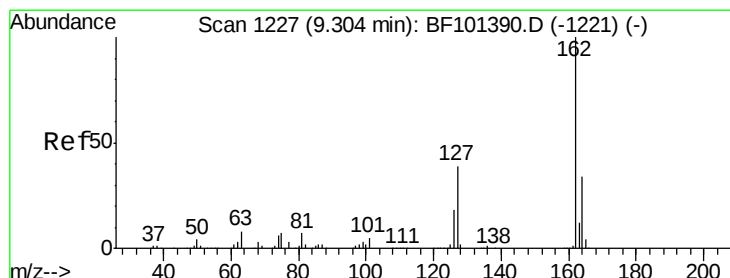
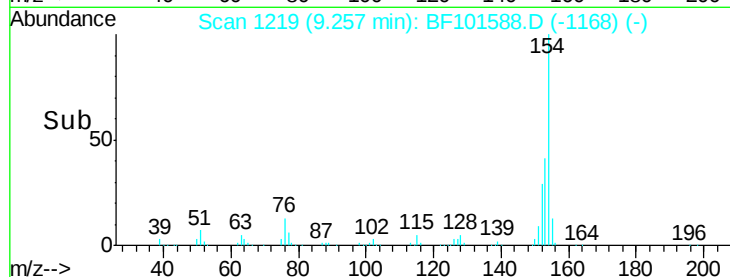
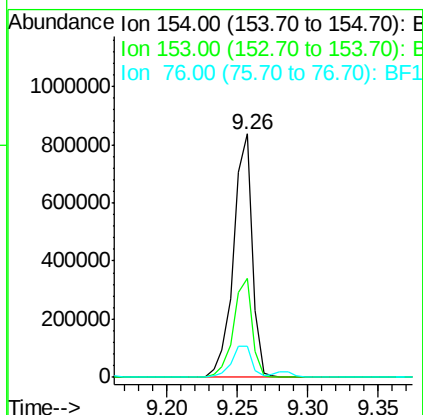
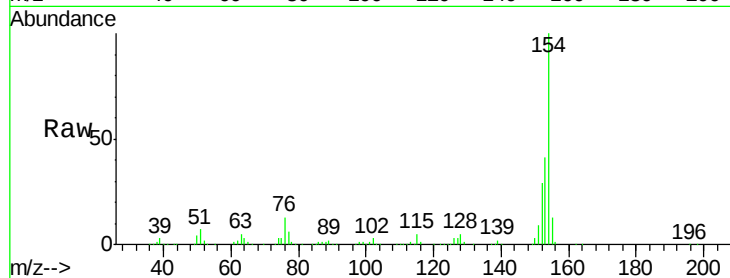




#45
 1,1'-Biphenyl
 Concen: 39.270 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

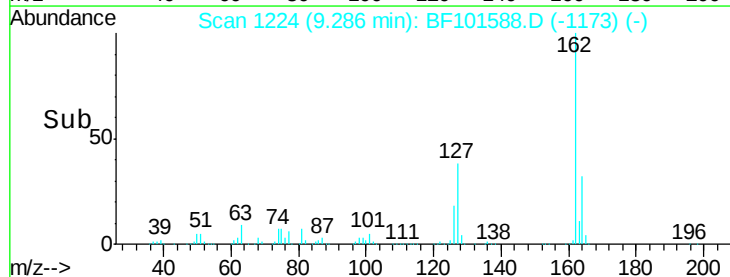
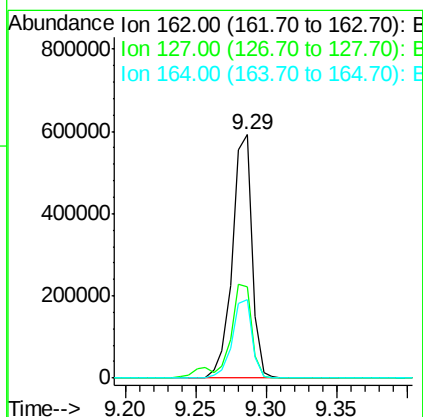
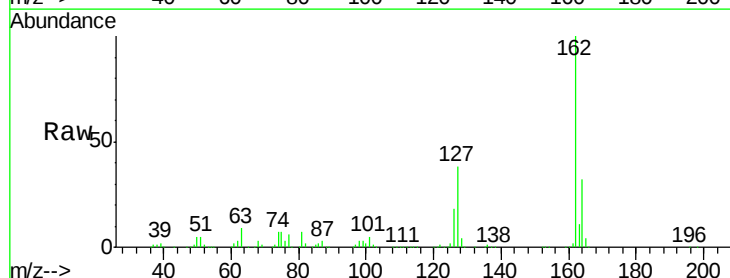
Instrument :
 BNA_F
 ClientSampleID :
 PB105190BSD

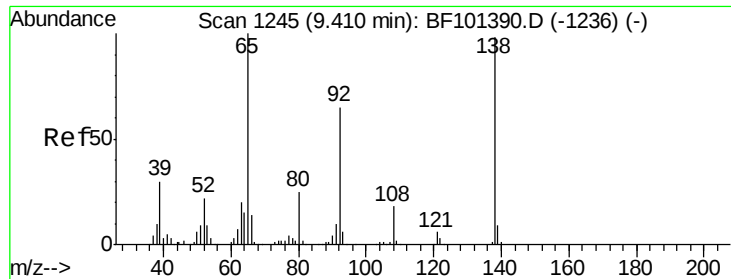
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.0	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 38.225 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	33.9	50.9
164	32.3	26.5	39.7

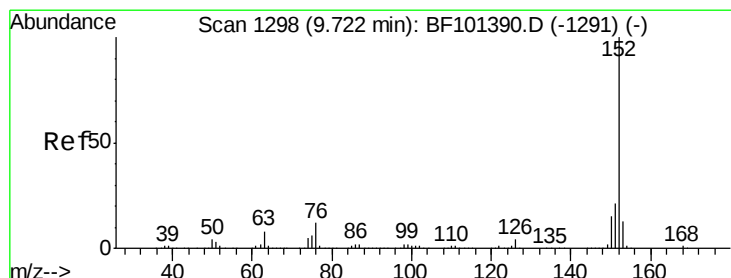
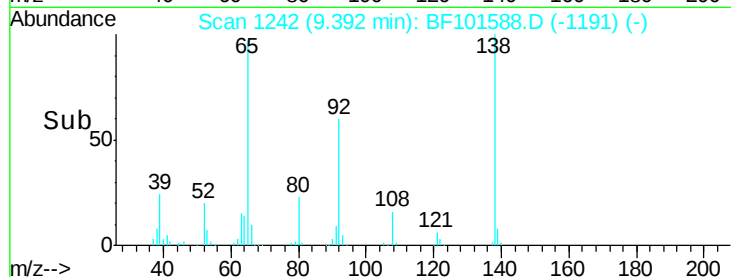
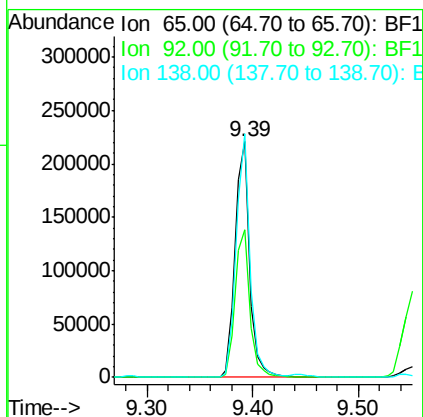
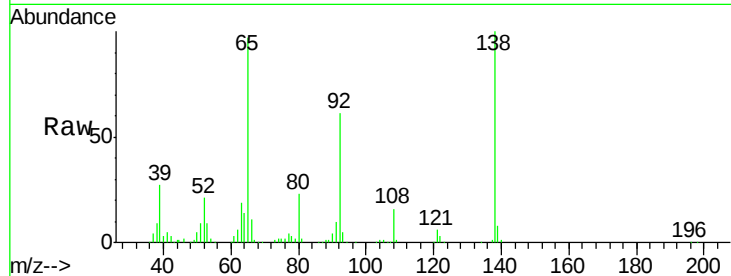




#47
2-Nitroaniline
Concen: 39.902 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

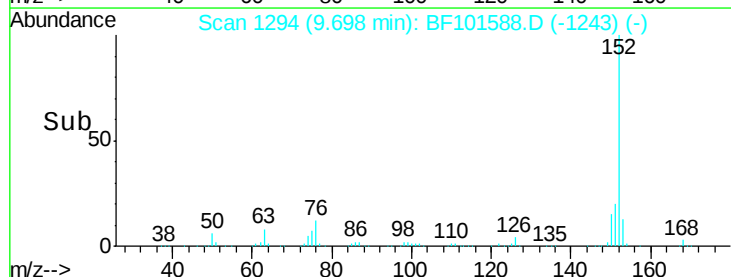
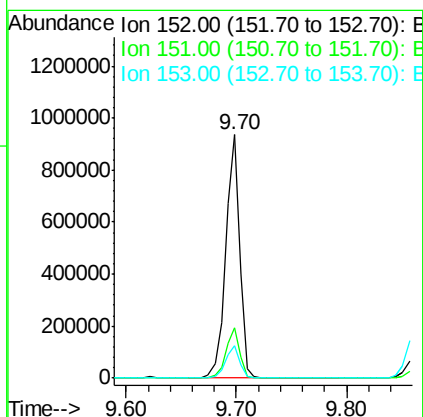
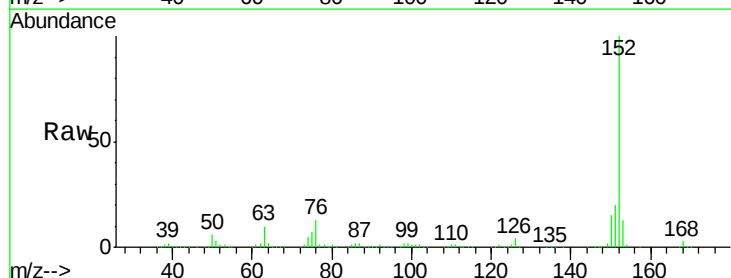
Instrument :
BNA_F
ClientSampleId :
PB105190BSD

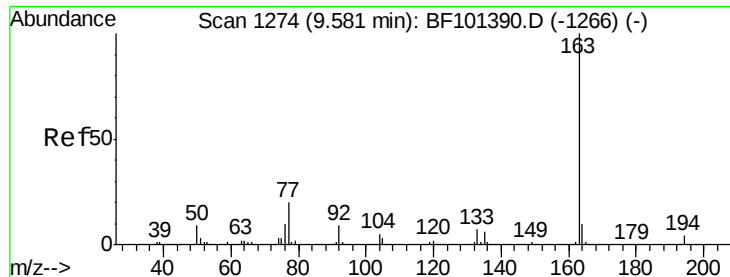
Tot Ion: 65 Resp: 208102
Ion Ratio Lower Upper
65 100
92 62.5 55.8 83.6
138 103.2 91.2 136.8



#48
Acenaphthylene
Concen: 34.757 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion: 152 Resp: 828792
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.3 10.7 16.1

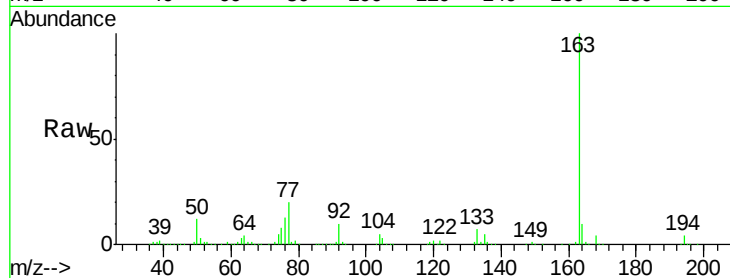




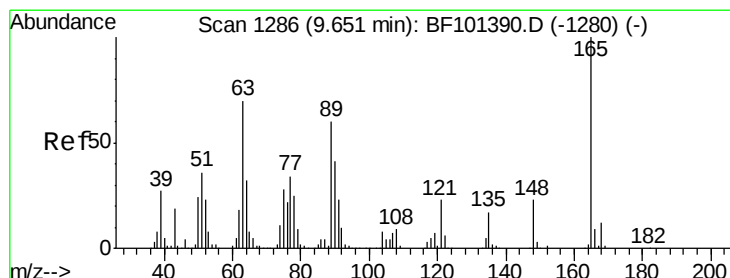
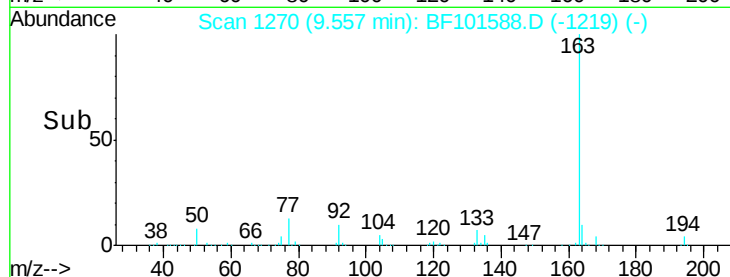
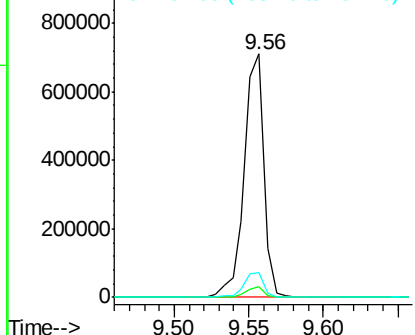
#49
Dimethylphthalate
Concen: 36.398 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Instrument :
BNA_F
ClientSampleId :
PB105190BSD

Tot Ion:163 Resp: 651361
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.0 8.2 12.2

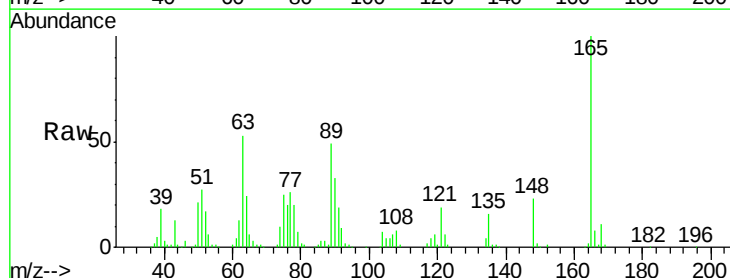


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

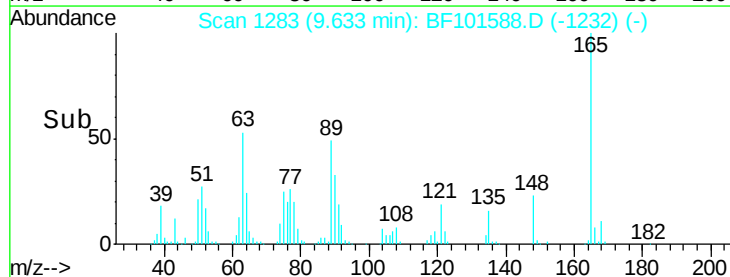
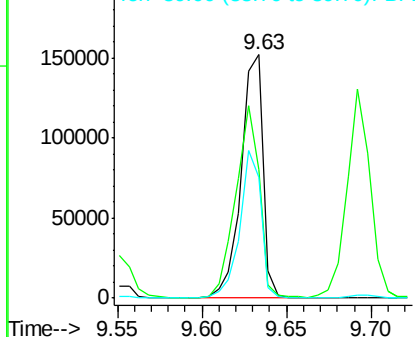


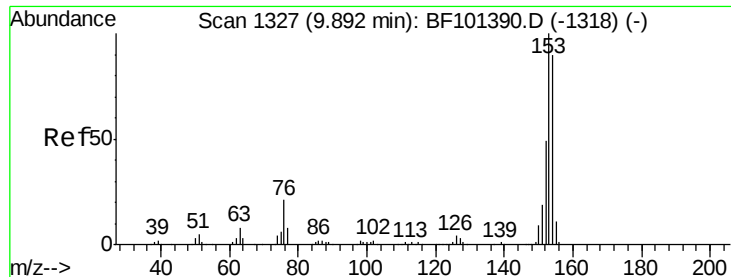
#50
2,6-Dinitrotoluene
Concen: 37.812 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion:165 Resp: 137530
Ion Ratio Lower Upper
165 100
63 52.6 44.7 67.1
89 49.4 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.762 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

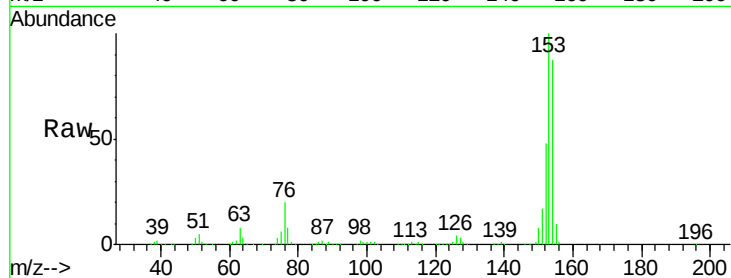
Tot Ion:154 Resp: 498015

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

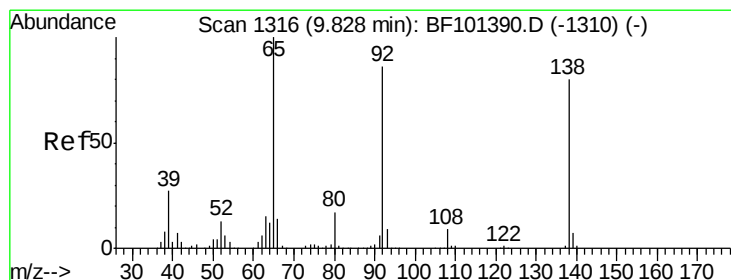
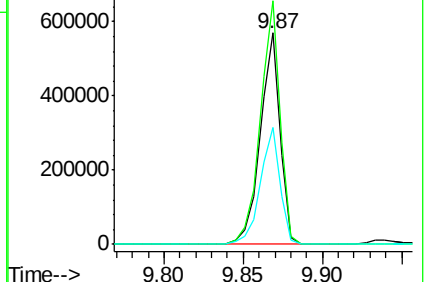
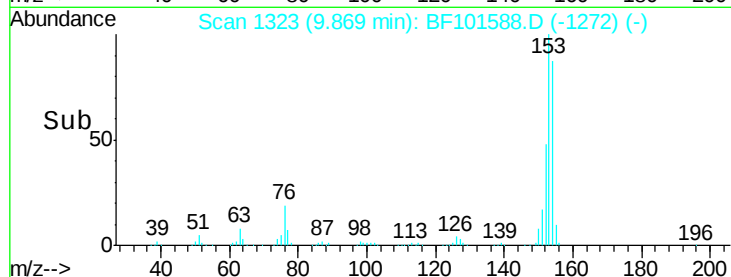
152 55.5 43.8 65.8



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: 23.320 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

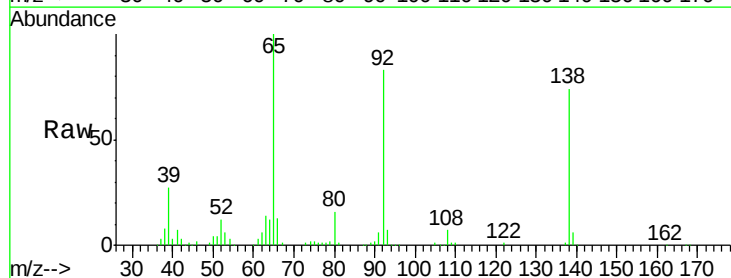
Tgt Ion:138 Resp: 105748

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

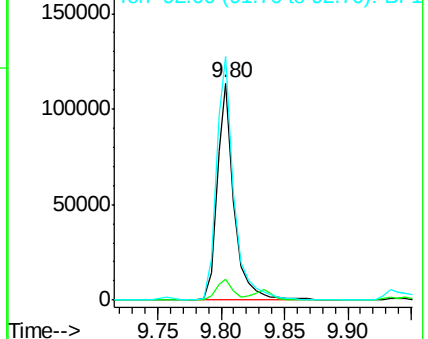
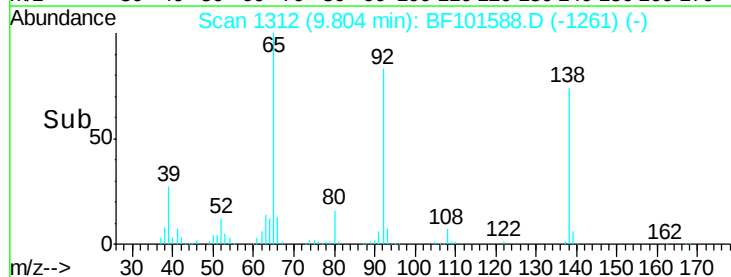
92 112.3 89.4 134.2

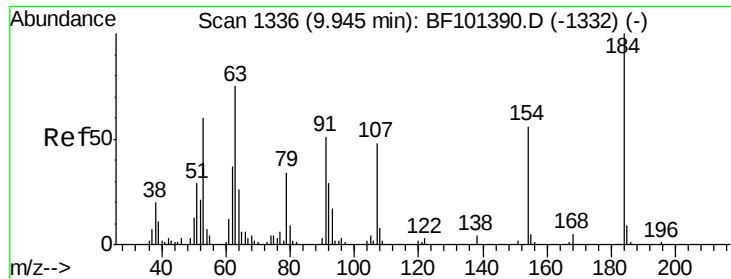


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

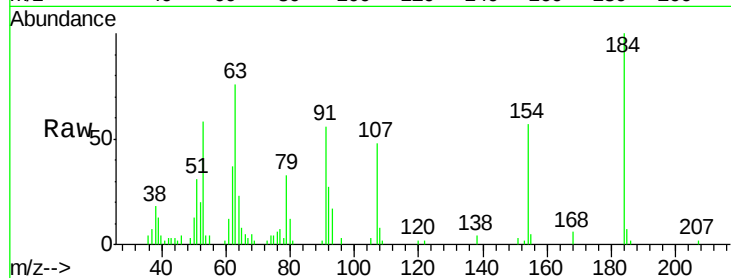




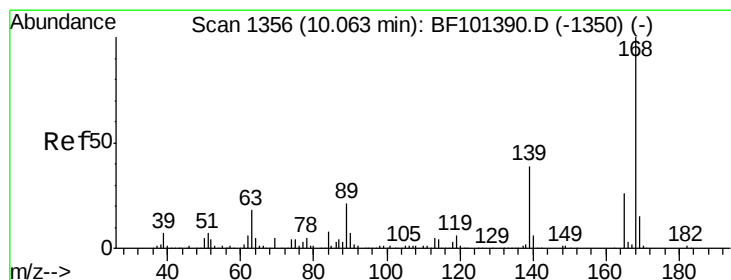
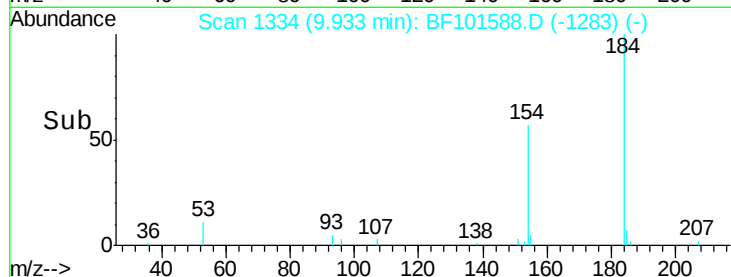
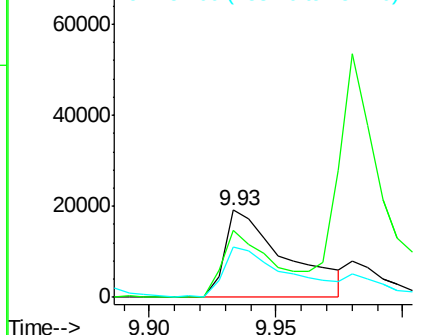
#53
2,4-Dinitrophenol
Concen: 32.356 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Instrument :
BNA_F
ClientSampleId :
PB105190BSD

Tot Ion:184 Resp: 32049
Ion Ratio Lower Upper
184 100
63 76.3 54.2 81.2
154 57.2 184.0 276.0#

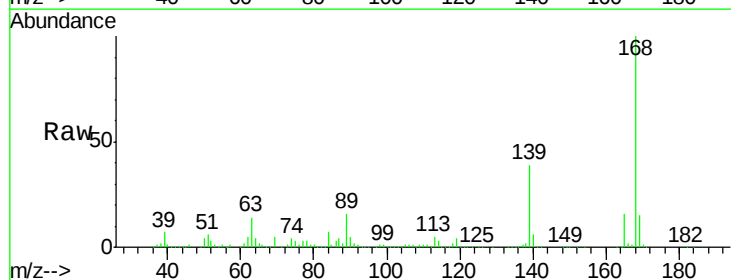


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

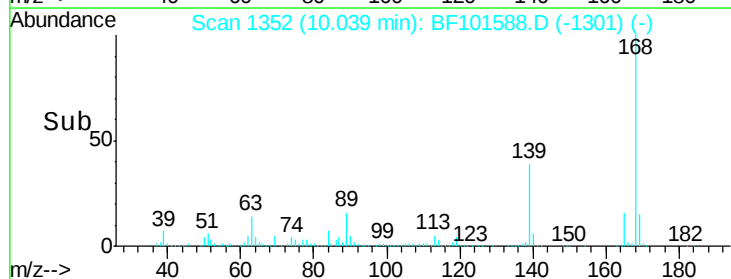
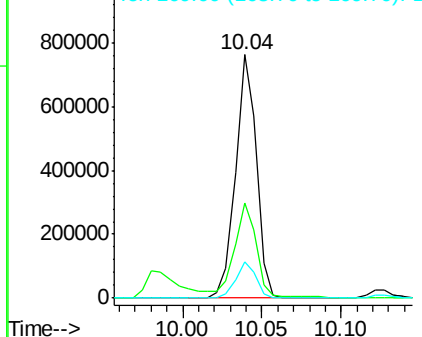


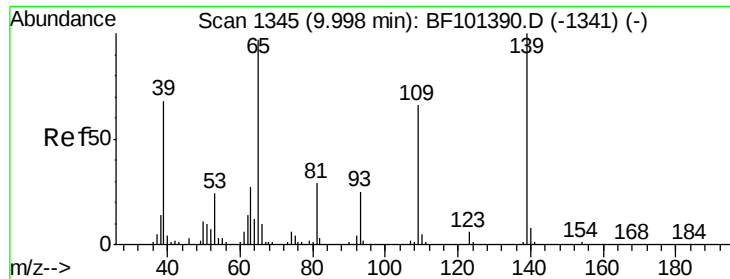
#54
Dibenzofuran
Concen: 38.182 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion:168 Resp: 695154
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 14.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

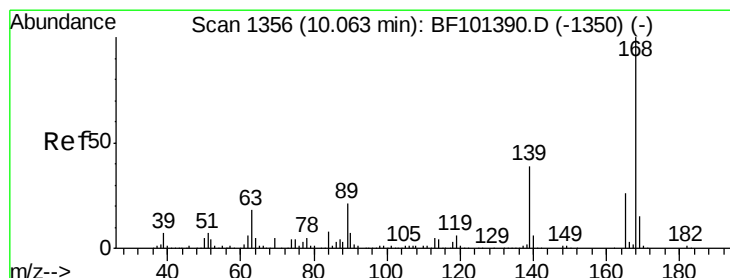
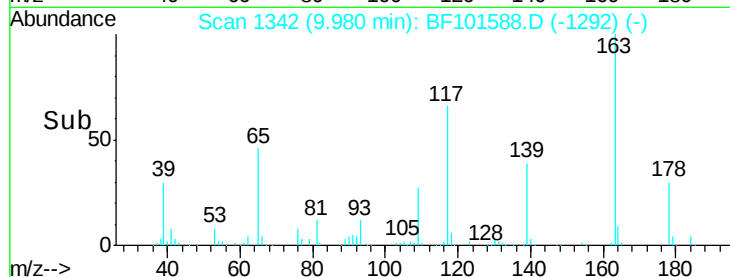
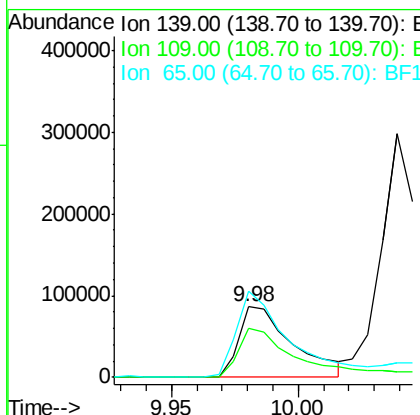
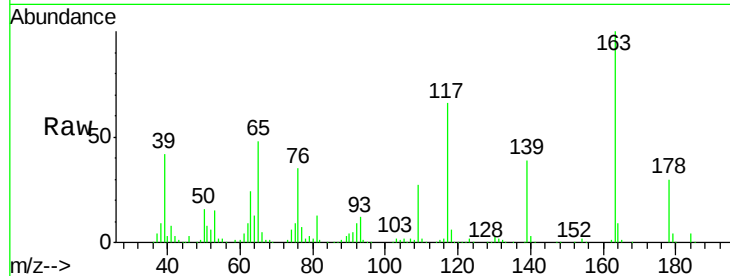




#55
4-Nitrophenol
Concen: 64.760 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

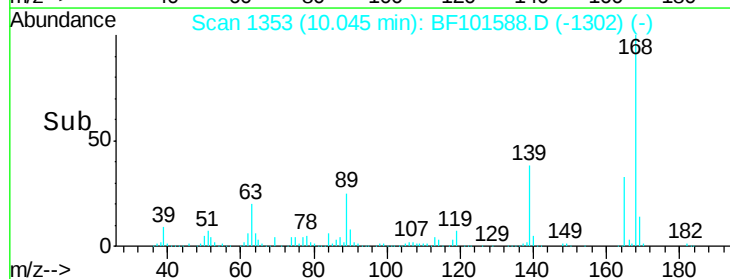
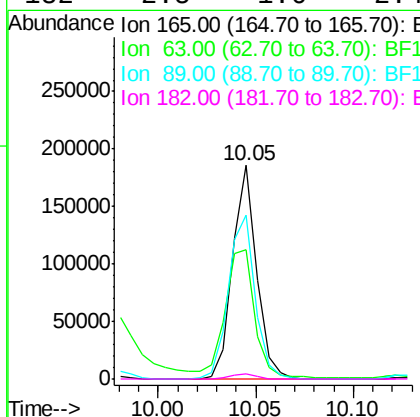
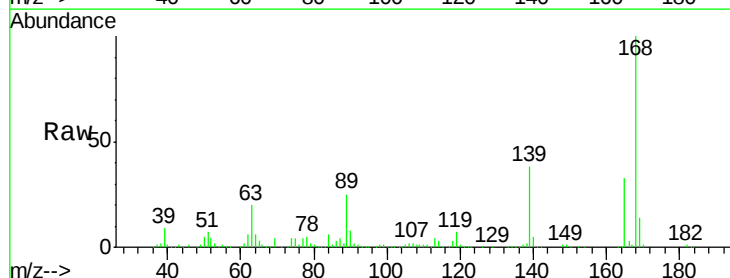
Instrument :
BNA_F
ClientSampleId :
PB105190BSD

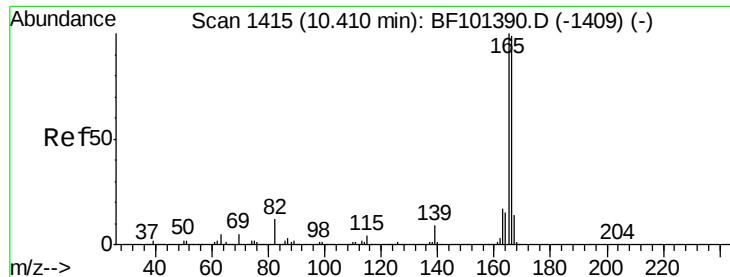
Tot Ion:139 Resp: 128050
Ion Ratio Lower Upper
139 100
109 69.6 48.4 88.4
65 123.1 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 38.682 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion:165 Resp: 158514
Ion Ratio Lower Upper
165 100
63 60.4 36.4 54.6#
89 77.0 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 36.047 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

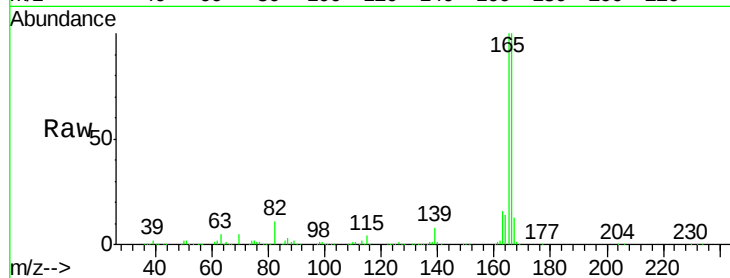
Tot Ion:166 Resp: 555190

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

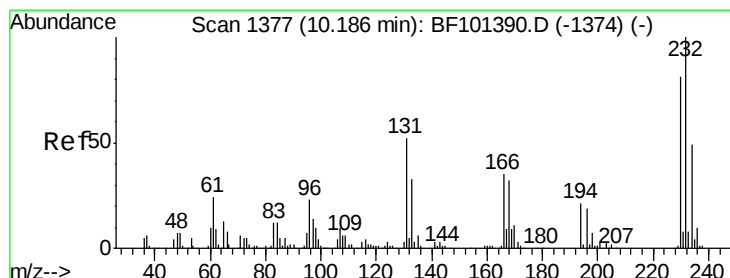
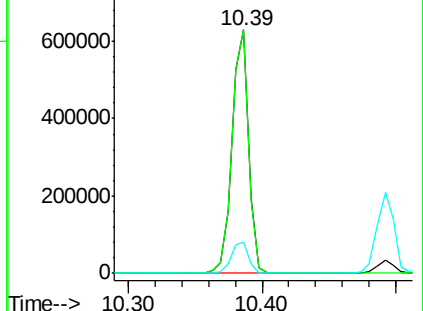
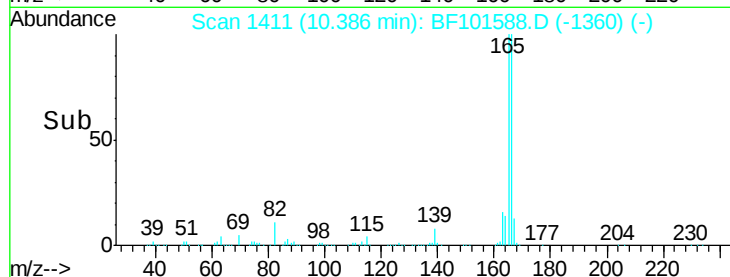
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.314 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Tgt Ion:232 Resp: 143416

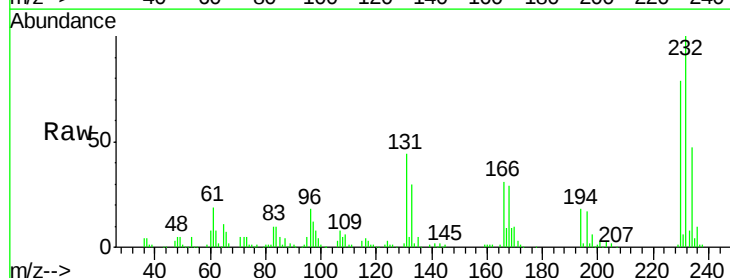
Ion Ratio Lower Upper

232 100

131 42.6 43.8 65.8#

130 2.2 2.1 3.1

166 28.4 27.8 41.6

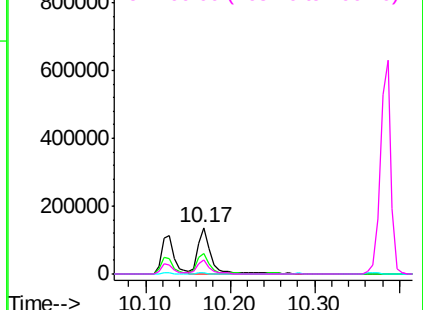
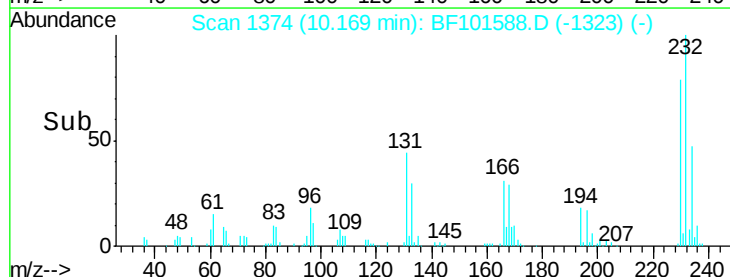


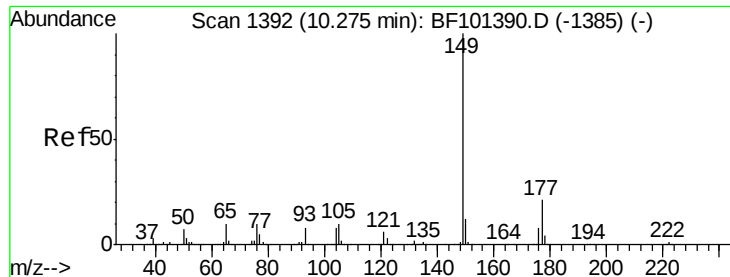
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.156 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

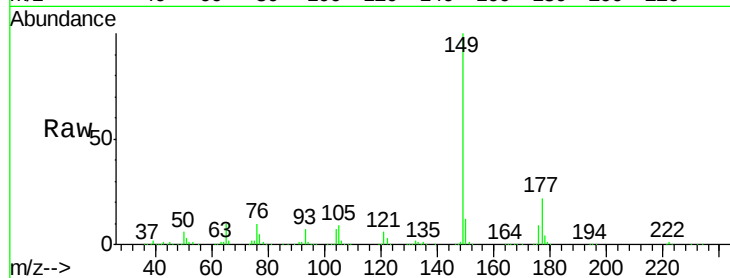
Tot Ion:149 Resp: 640756

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

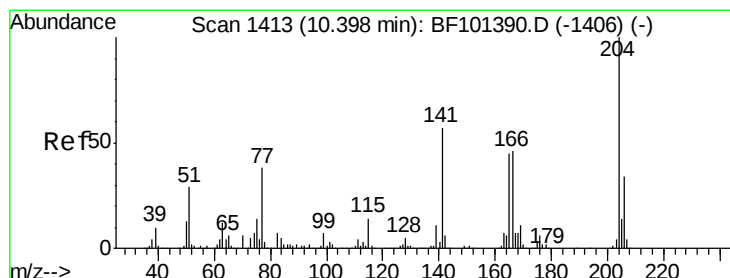
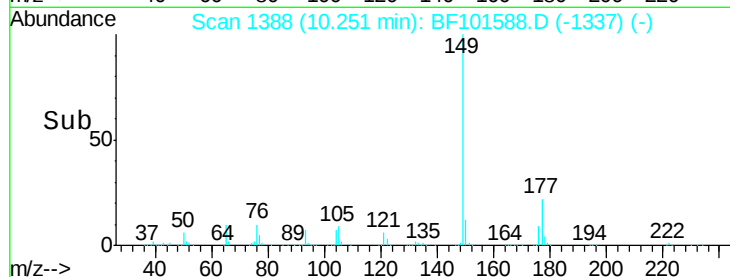
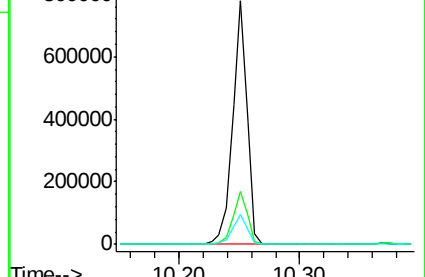
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.471 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

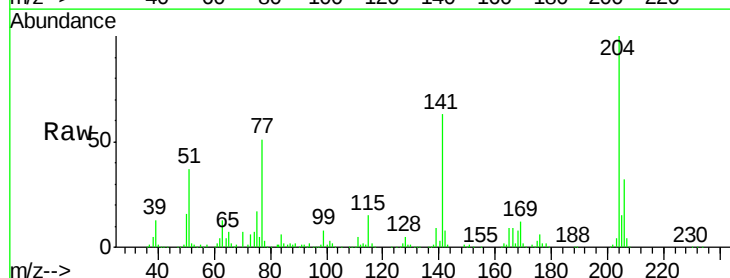
Tgt Ion:204 Resp: 276586

Ion Ratio Lower Upper

204 100

206 32.3 26.5 39.7

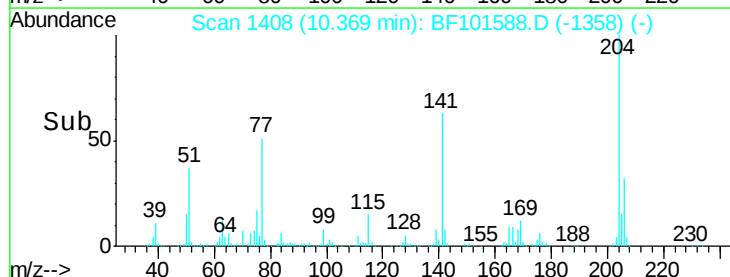
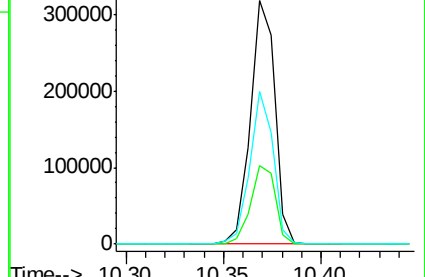
141 62.6 54.6 81.8

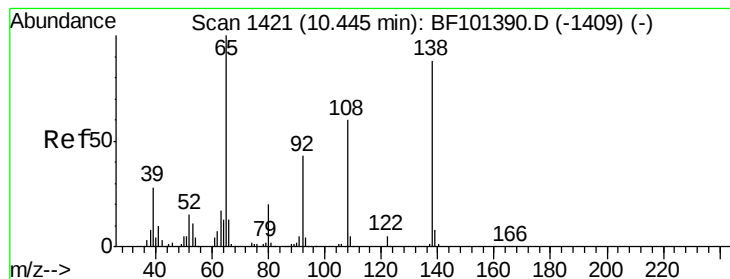


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.305 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

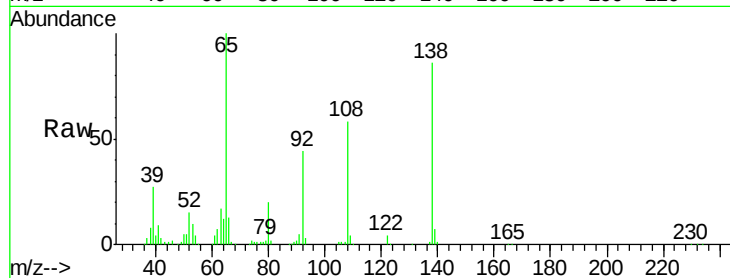
Tot Ion:138 Resp: 124458

Ion Ratio Lower Upper

138 100

92 50.8 30.2 70.2

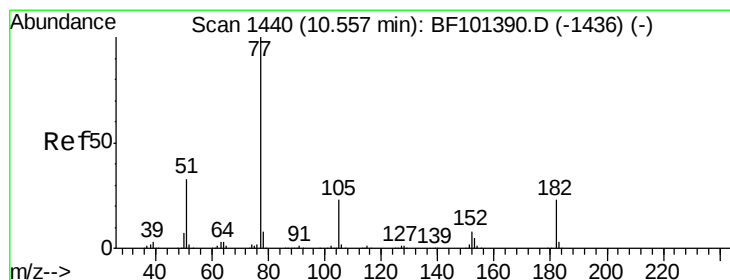
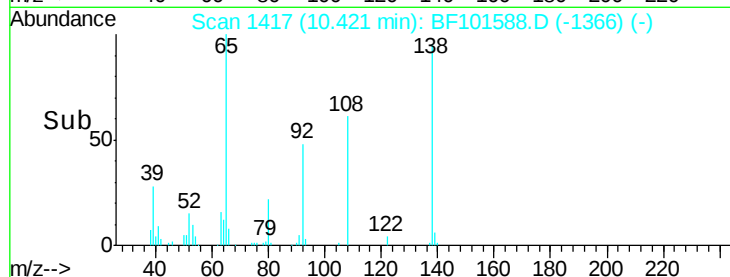
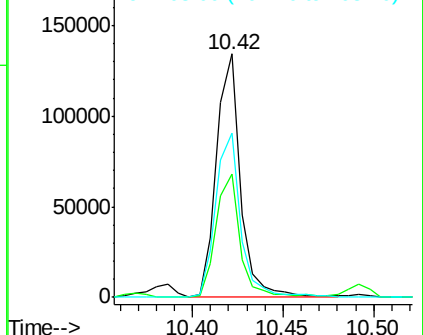
108 67.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.345 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Tgt Ion: 77 Resp: 648871

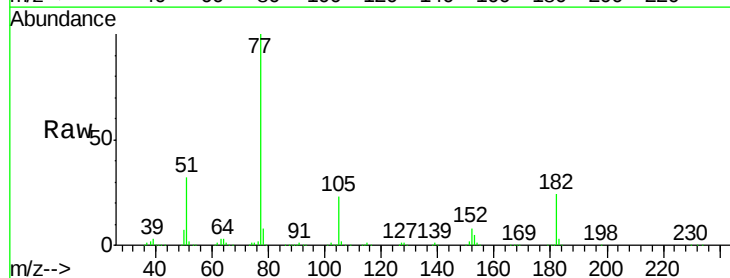
Ion Ratio Lower Upper

77 100

182 24.4 1.7 41.7

105 23.3 3.0 43.0

51 31.6 9.9 49.9

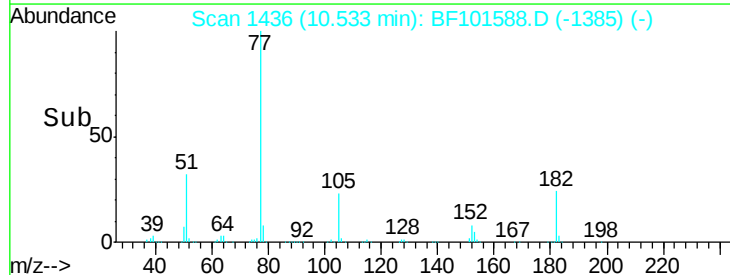
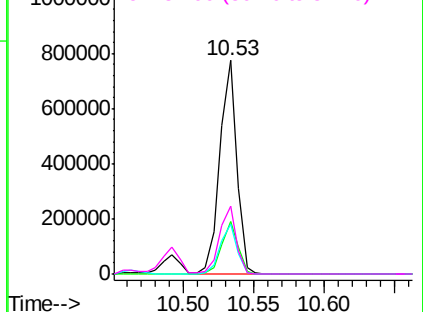


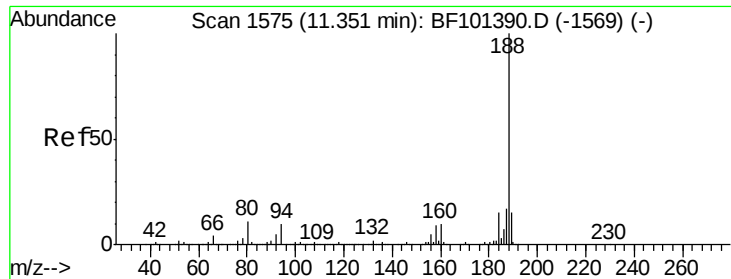
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

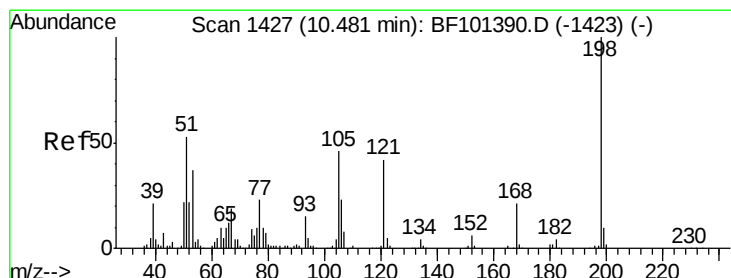
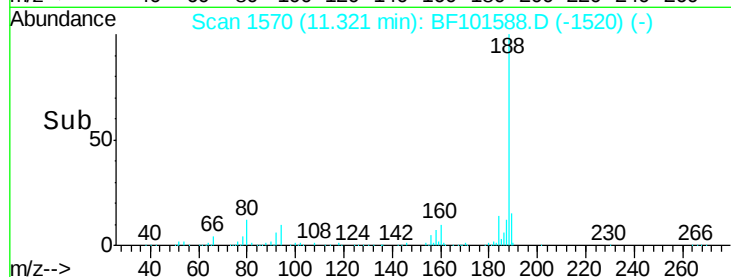
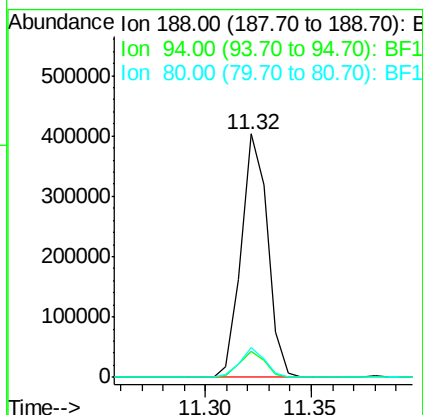
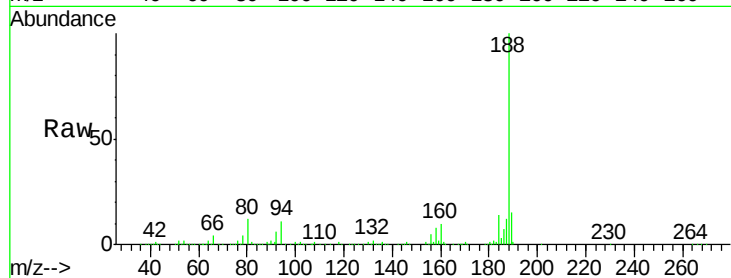




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

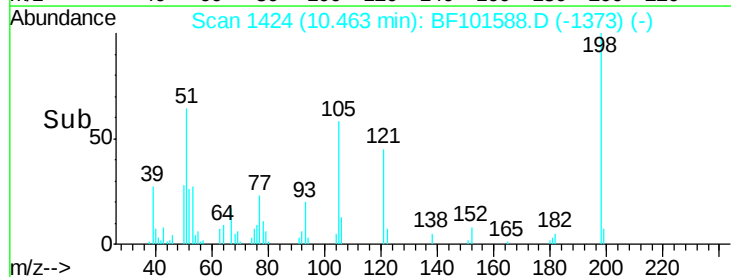
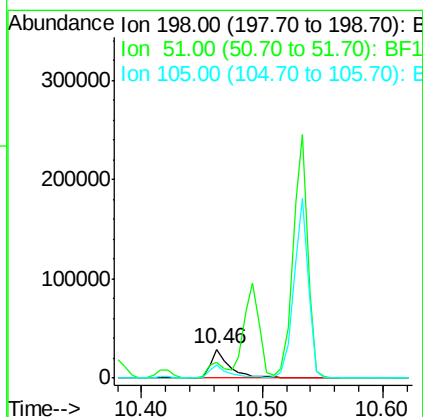
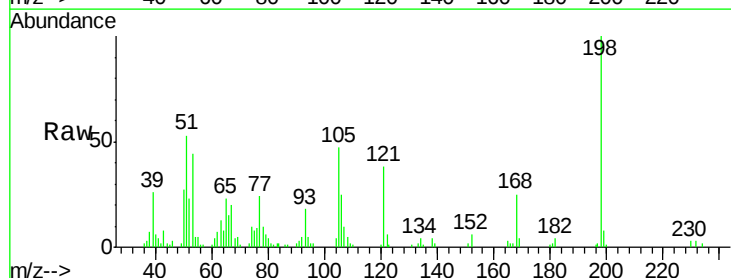
Instrument :
BNA_F
ClientSampleId :
PB105190BSD

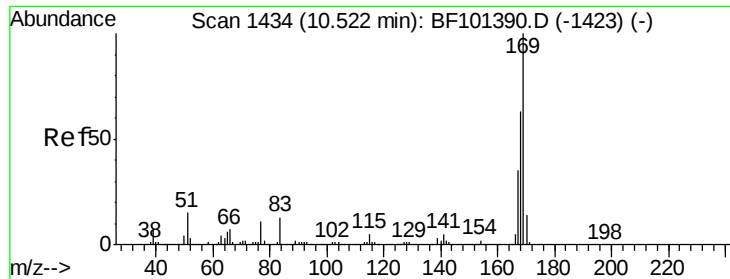
Tot Ion:188 Resp: 348525
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.682 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion:198 Resp: 31448
Ion Ratio Lower Upper
198 100
51 53.4 37.7 77.7
105 47.3 36.3 76.3

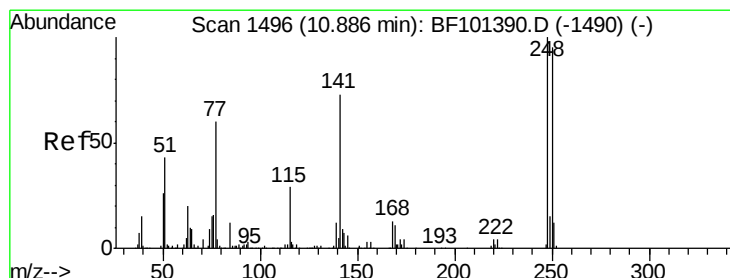
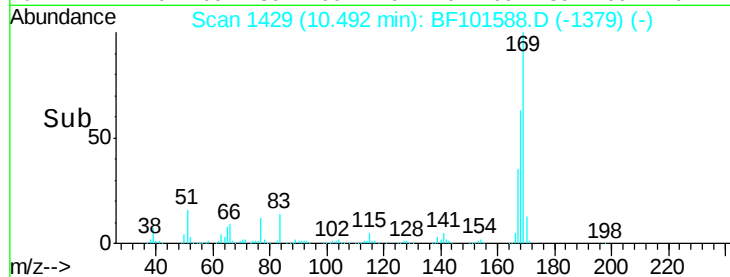
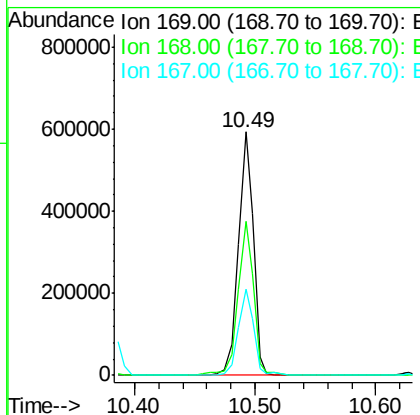
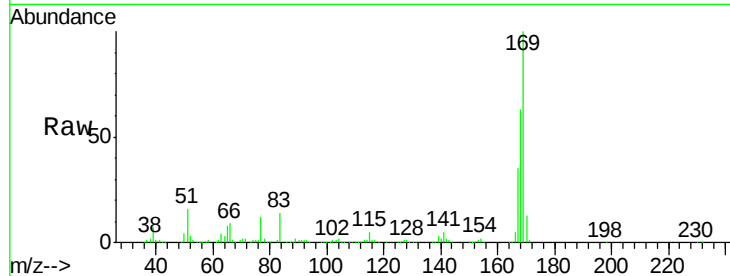




#65
 n-Nitrosodiphenylamine
 Concen: 39.997 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

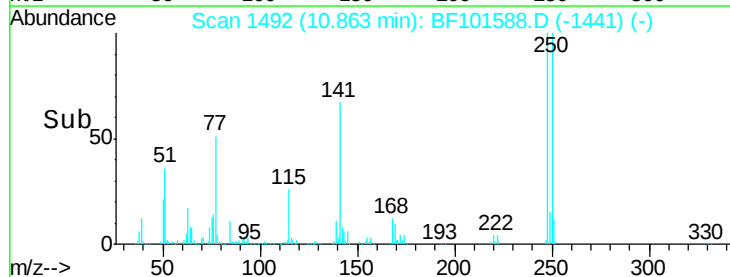
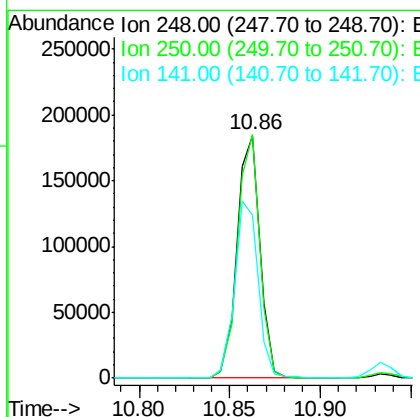
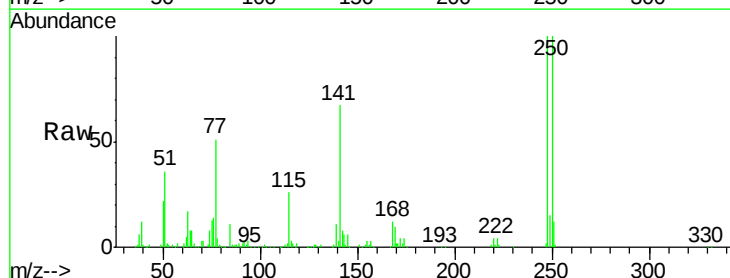
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

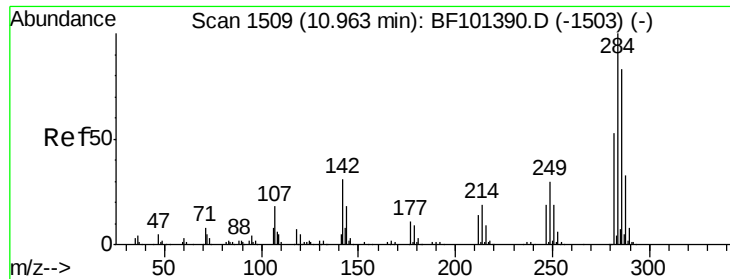
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.4	81.6
167	35.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.457 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	76.9	115.3
141	67.0	74.4	111.6

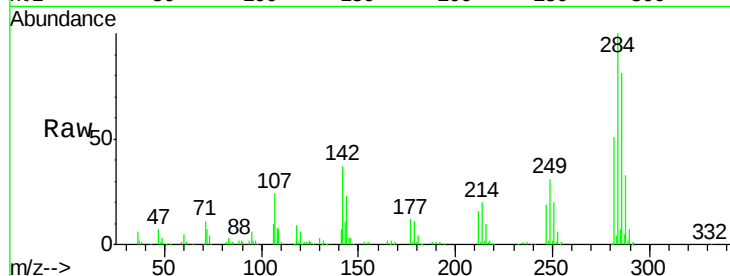




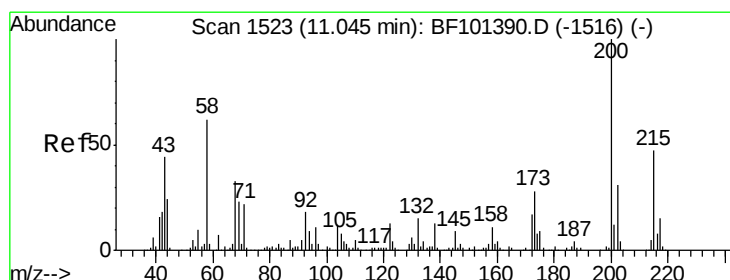
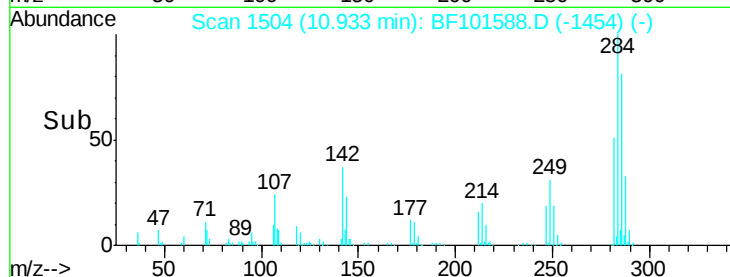
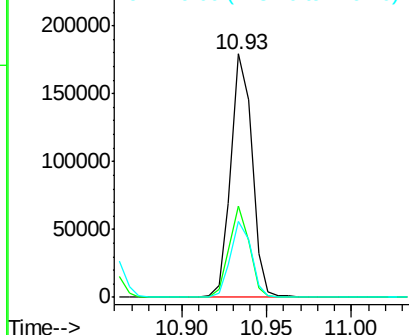
#67
Hexachlorobenzene
Concen: 37.725 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Instrument :
BNA_F
ClientSampleId :
PB105190BSD

Tot Ion:284 Resp: 156358
Ion Ratio Lower Upper
284 100
142 37.4 34.6 52.0
249 31.0 24.8 37.2

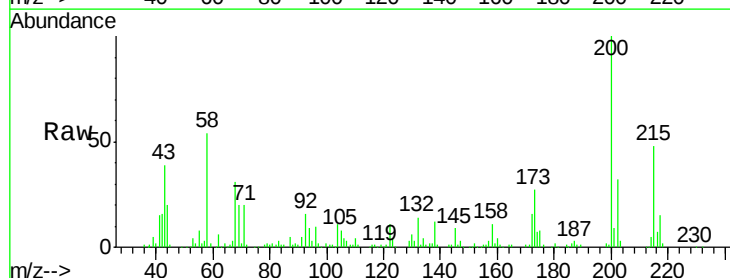


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

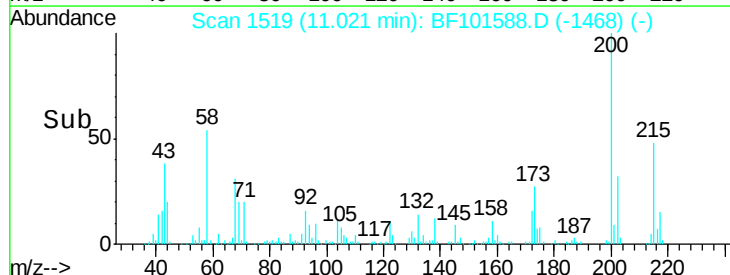
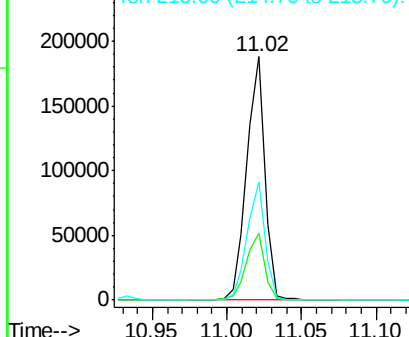


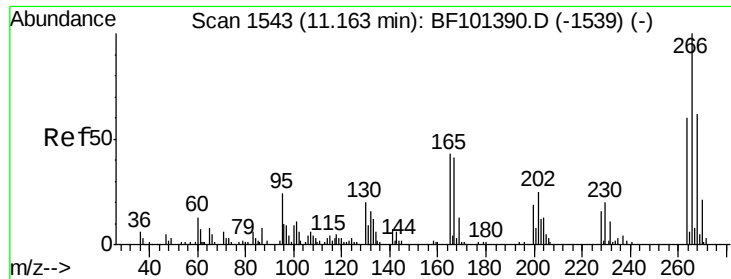
#68
Atrazine
Concen: 41.502 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion:200 Resp: 159254
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 48.3 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

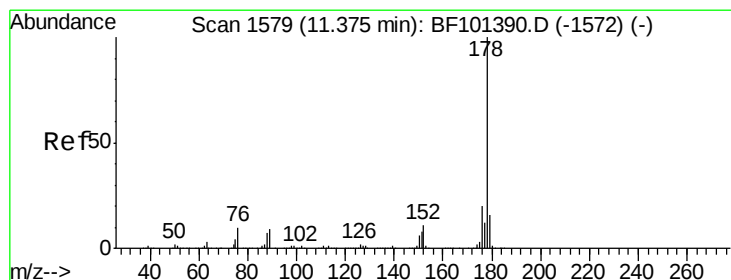
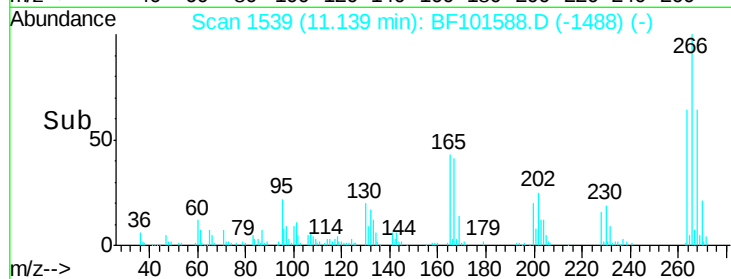
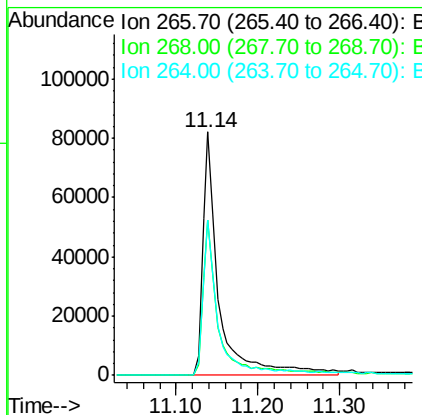
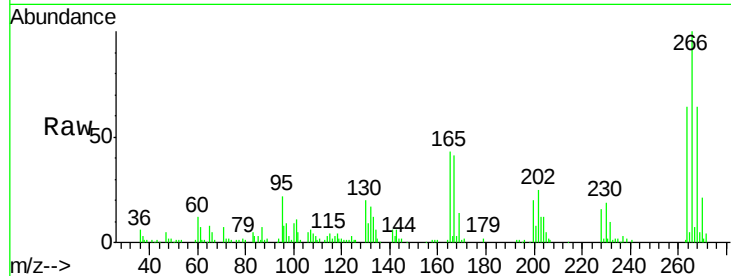




#69
 Pentachlorophenol
 Concen: 71.735 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

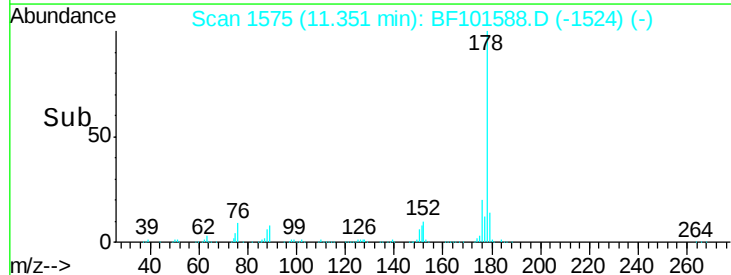
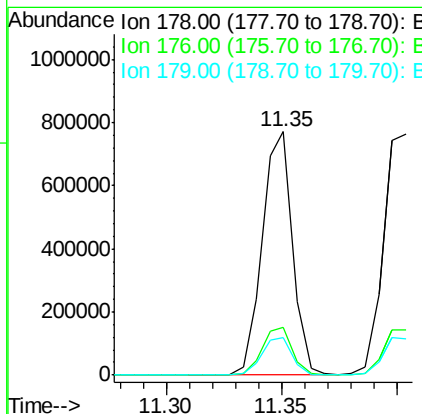
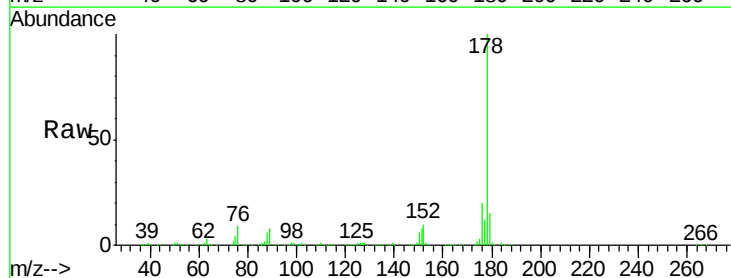
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

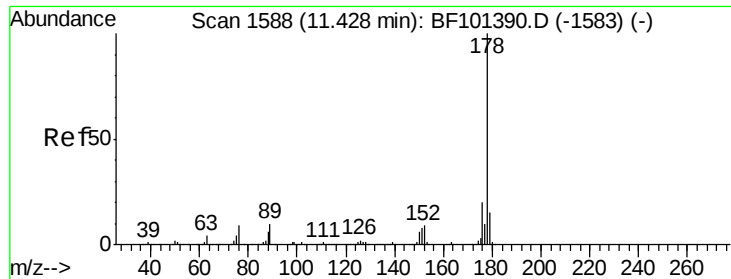
Tot Ion:266 Resp: 114431
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 64.0 49.5 74.3



#70
 Phenanthrene
 Concen: 36.397 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion:178 Resp: 705439
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 13.0 19.6

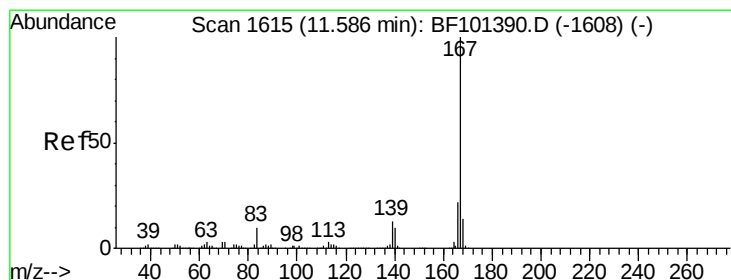
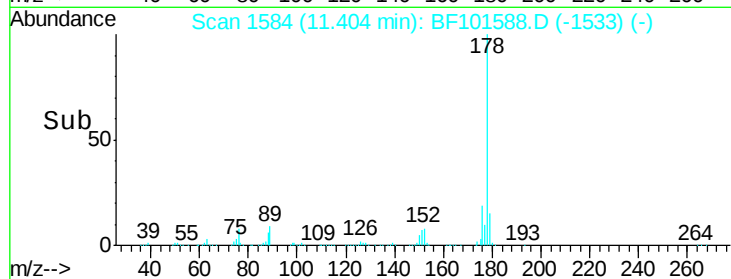
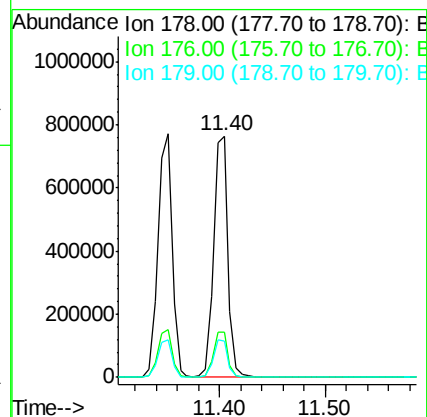
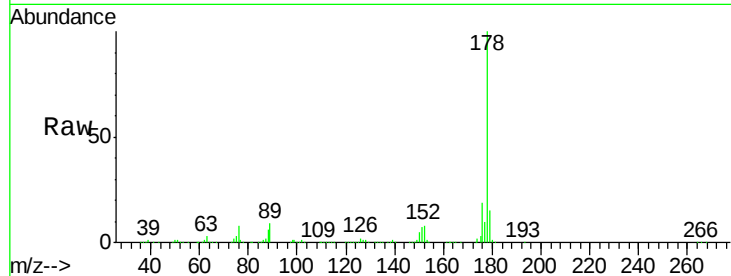




#71
 Anthracene
 Concen: 36.668 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

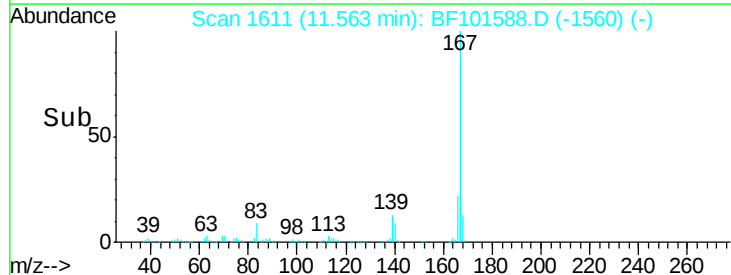
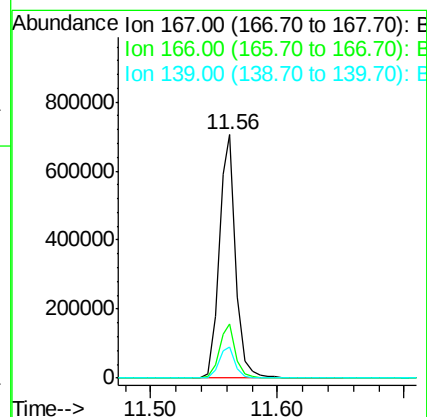
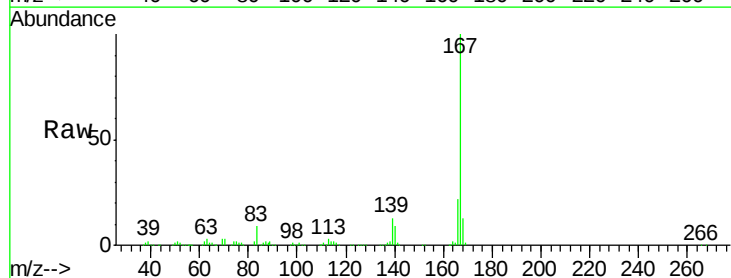
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

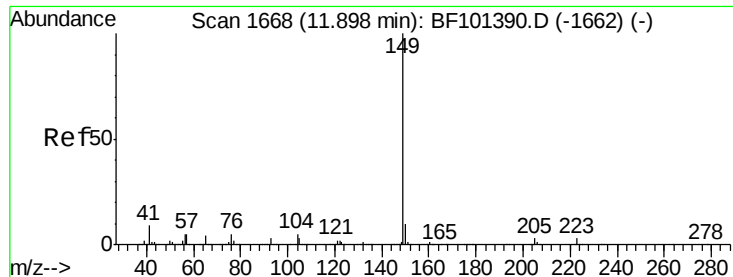
Tot Ion:178 Resp: 725962
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 34.736 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion:167 Resp: 643882
 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: 39.453 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

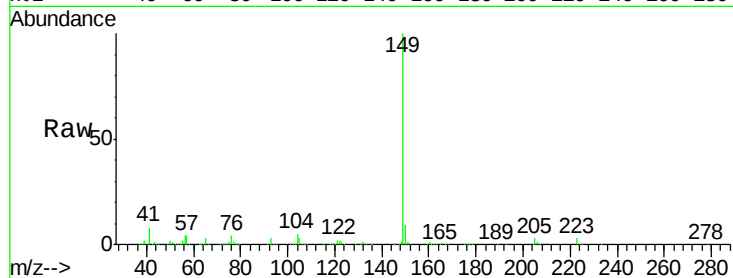
Tot Ion:149 Resp: 887602

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

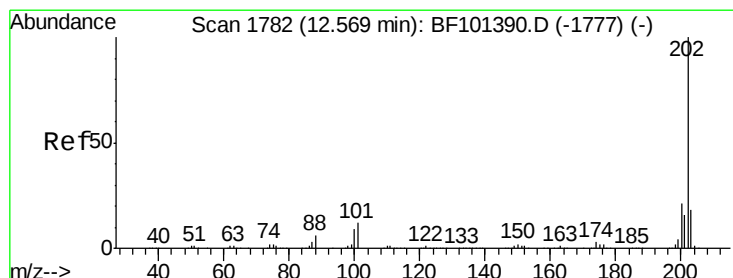
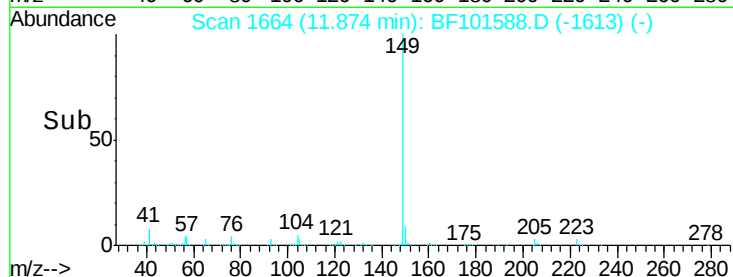
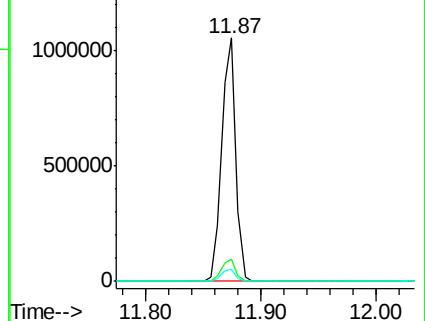
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.141 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

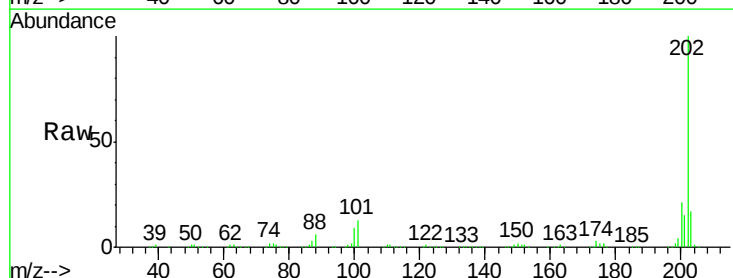
Tgt Ion:202 Resp: 674224

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

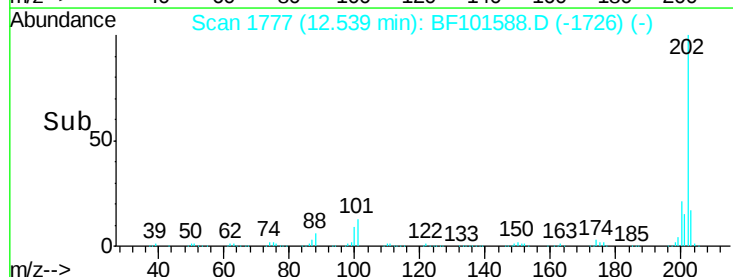
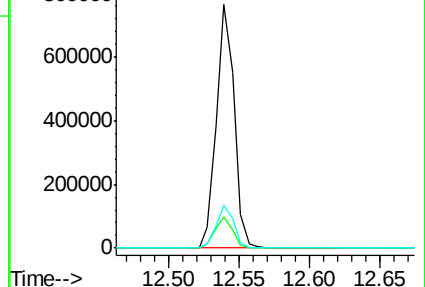
203 17.3 0.0 38.1

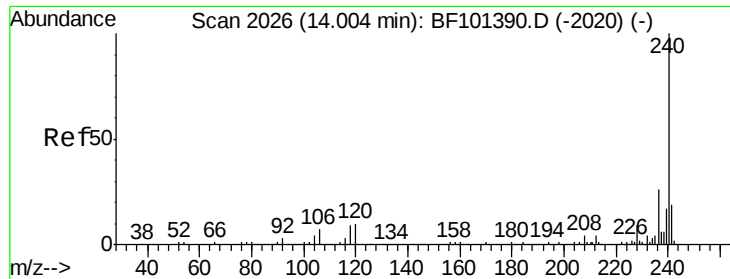


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

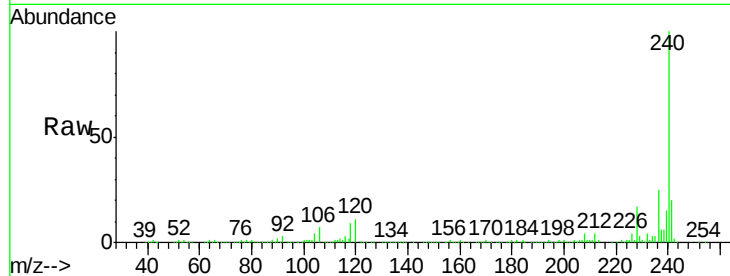
Tot Ion:240 Resp: 273957

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

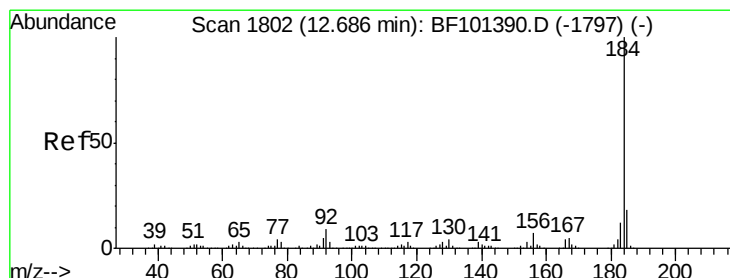
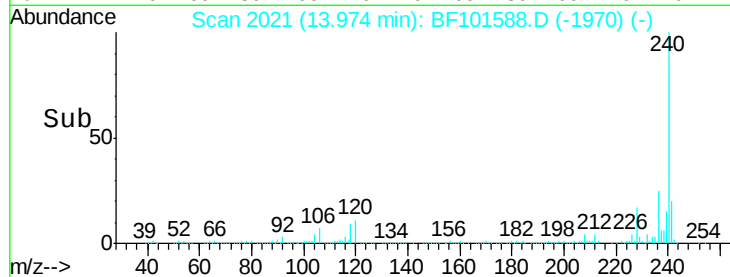
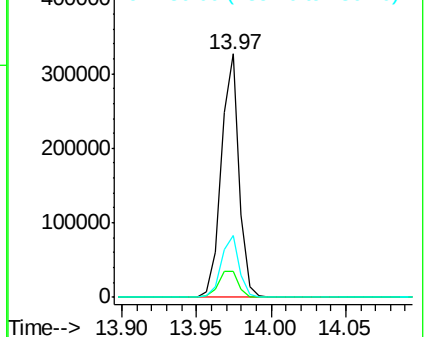
236 25.5 20.7 31.1



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: 31.492 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

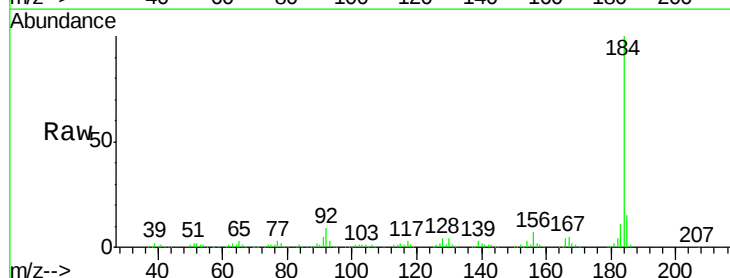
Tgt Ion:184 Resp: 364383

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

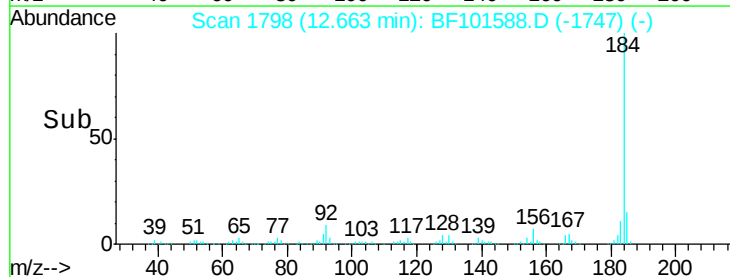
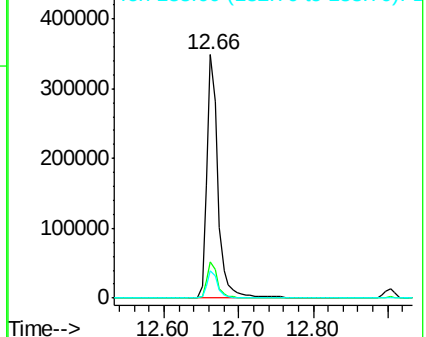
183 11.3 9.3 13.9

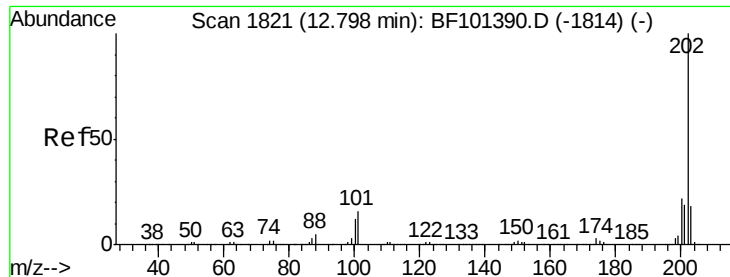


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

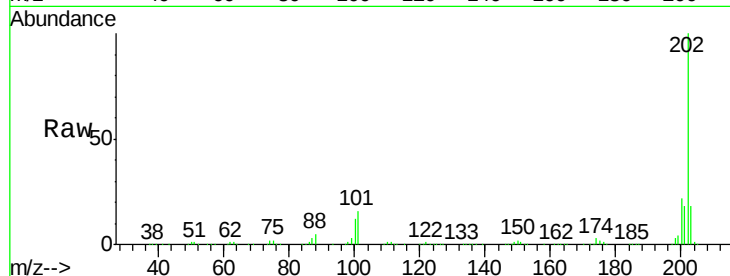




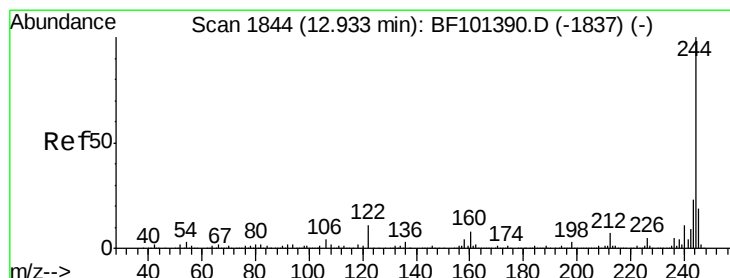
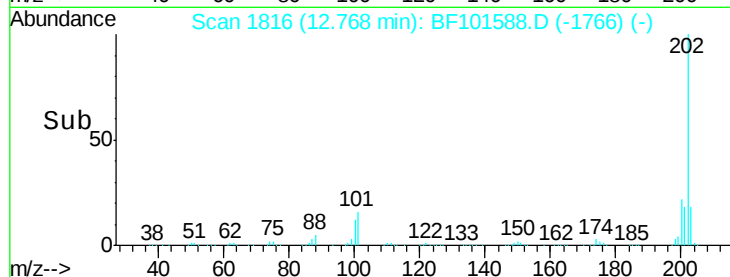
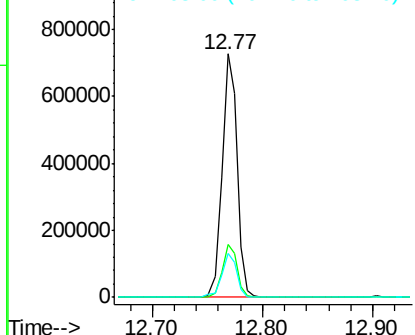
#77
 Pvrene
 Concen: 33.538 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.1	14.3	21.5

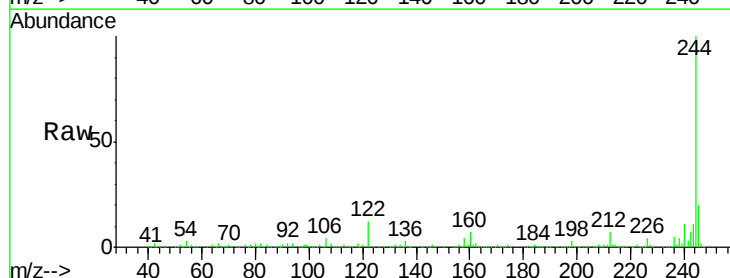


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

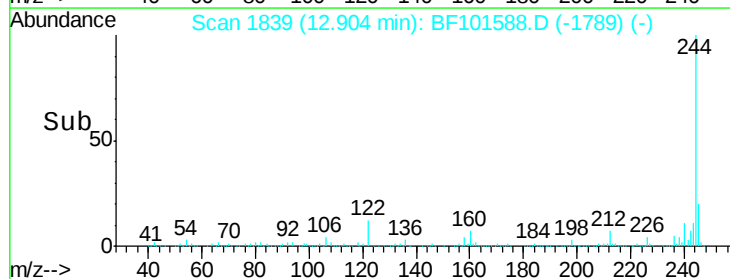
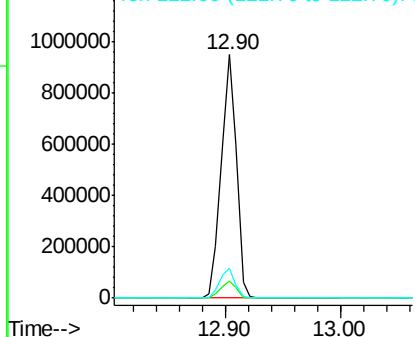


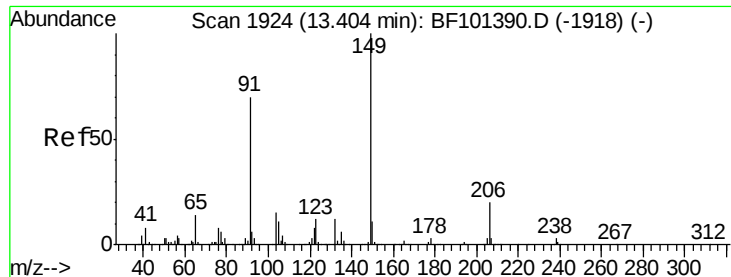
#78
 Terphenyl-d14
 Concen: 76.618 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.3	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: 34.443 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

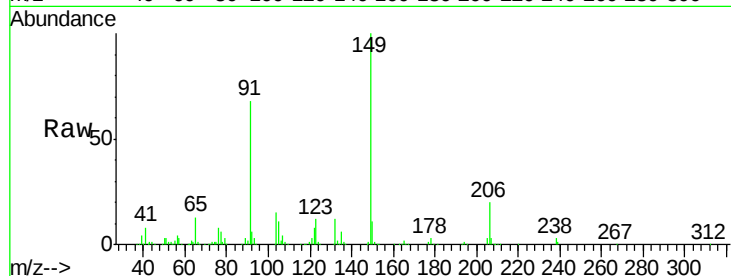
Tot Ion:149 Resp: 320426

Ion Ratio Lower Upper

149 100

91 67.5 56.8 85.2

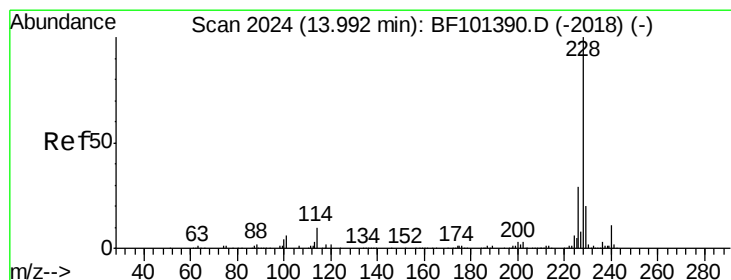
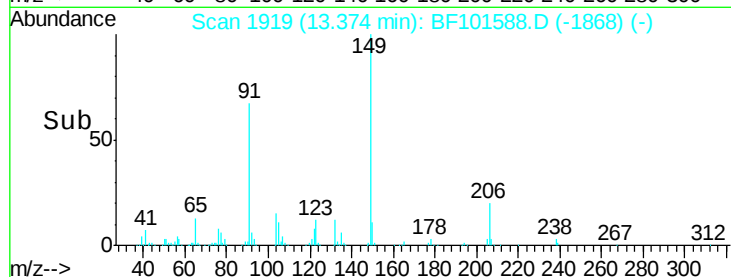
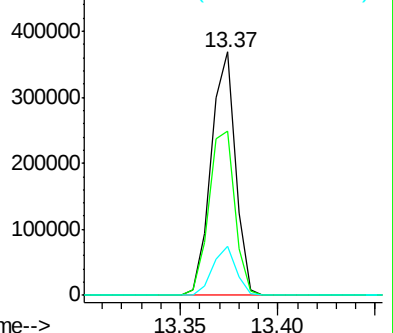
206 20.3 14.1 21.1



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: 36.472 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

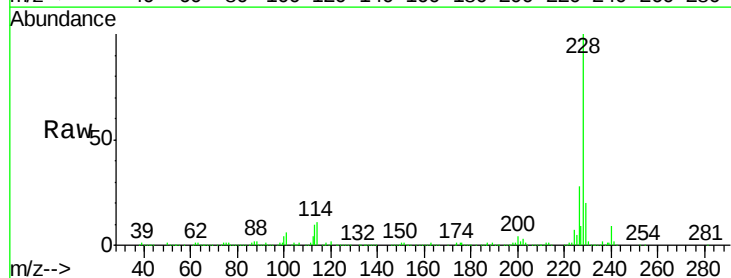
Tgt Ion:228 Resp: 659777

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

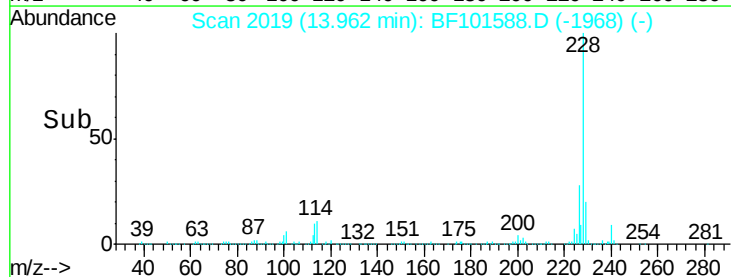
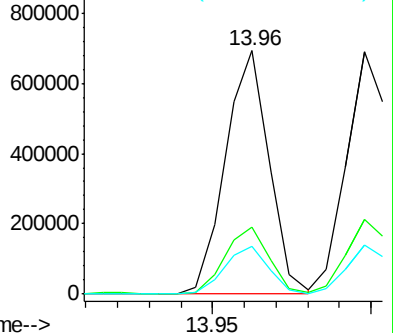
229 19.5 15.8 23.6

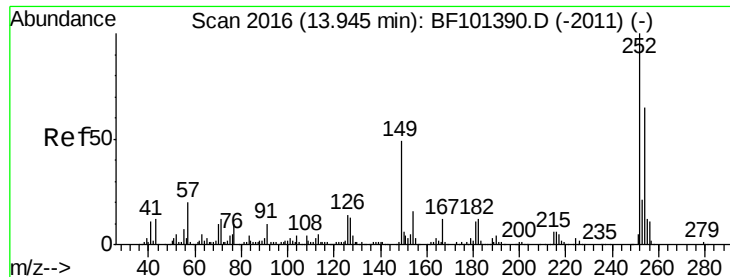


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

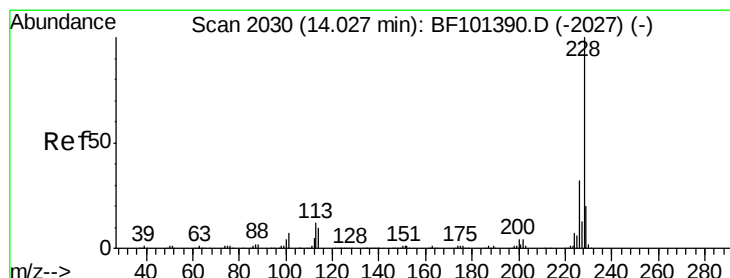
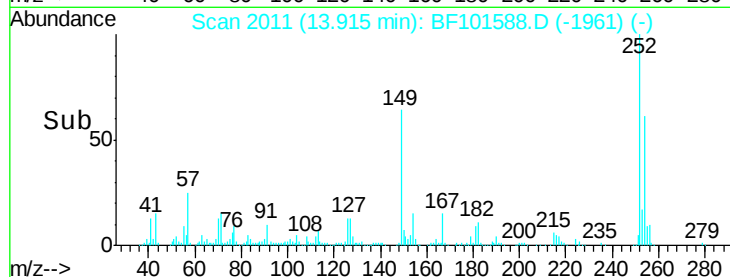
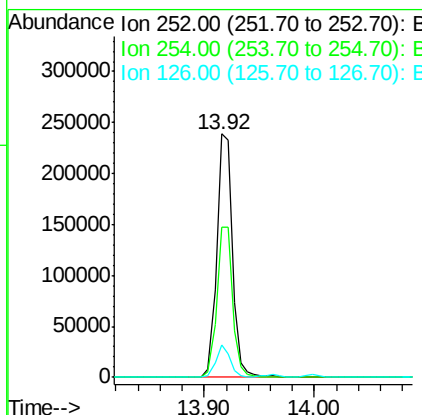
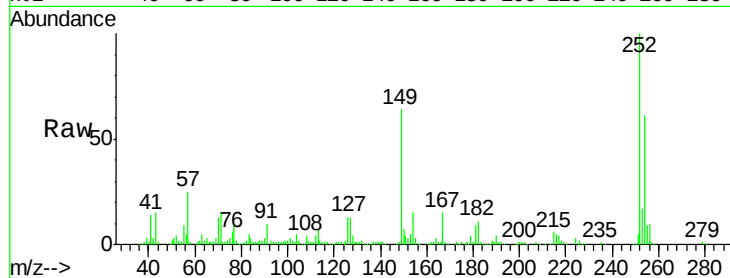




#81
 3,3'-Dichlorobenzidine
 Concen: 40.093 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

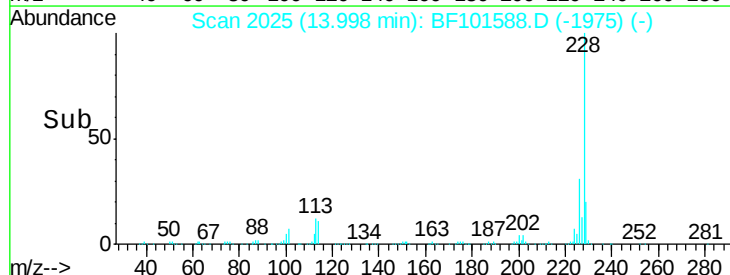
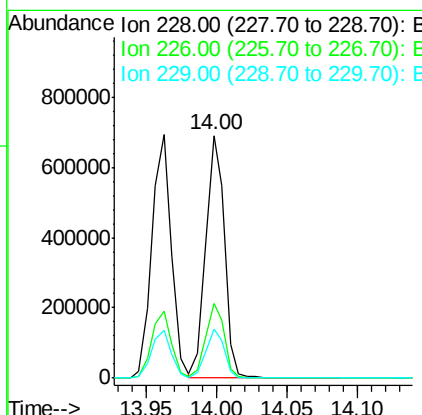
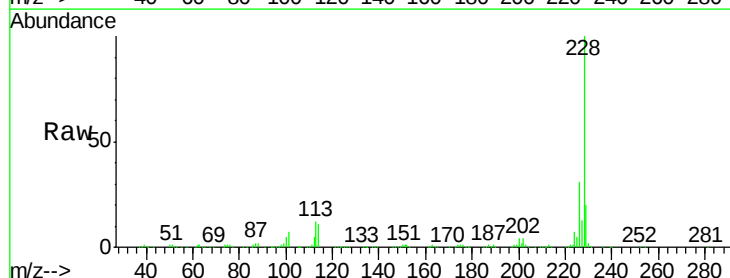
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

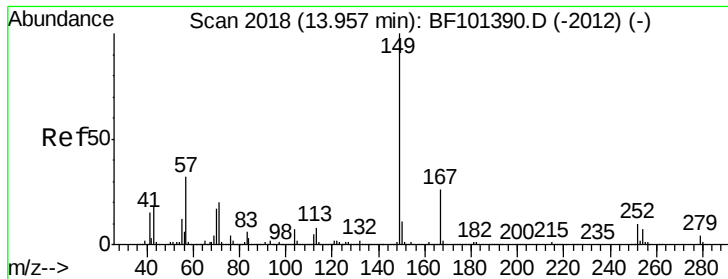
Tot Ion:252 Resp: 236490
 Ion Ratio Lower Upper
 252 100
 254 61.5 50.4 75.6
 126 13.4 11.3 16.9



#82
 Chrysene
 Concen: 37.123 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion:228 Resp: 634070
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.0 16.2 24.4

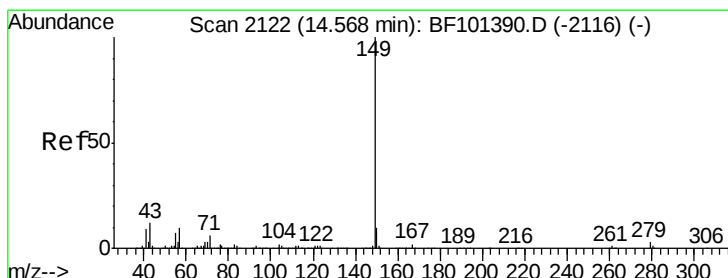
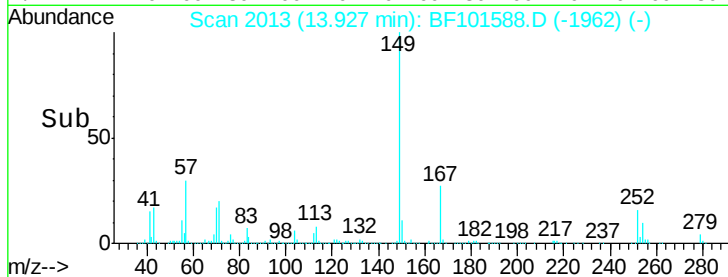
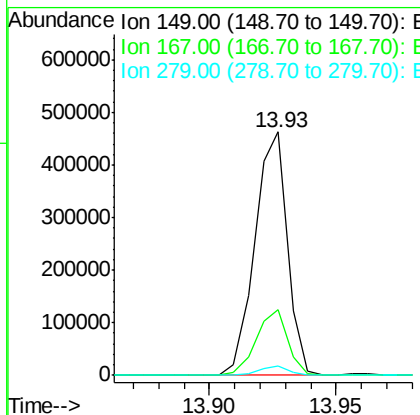
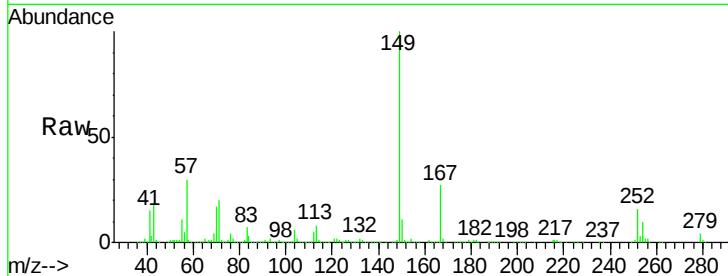




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.266 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

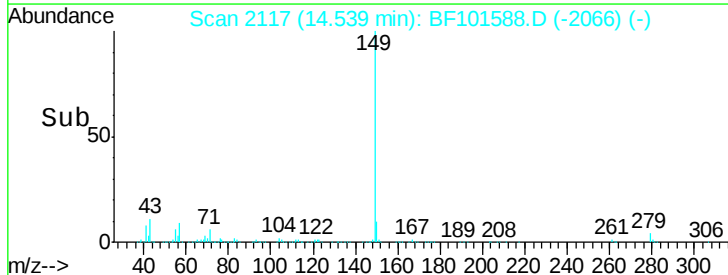
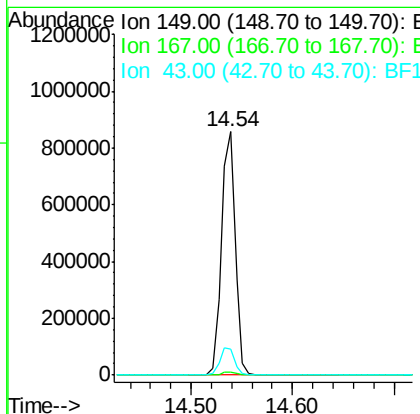
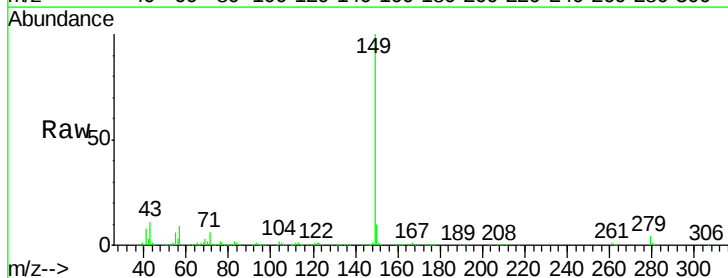
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

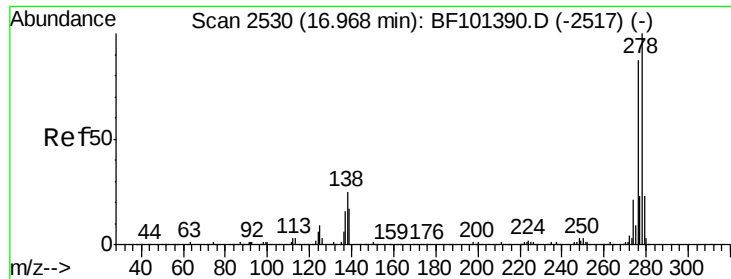
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.8	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 38.191 ng
 RT: 14.54 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.6	8.4	12.6

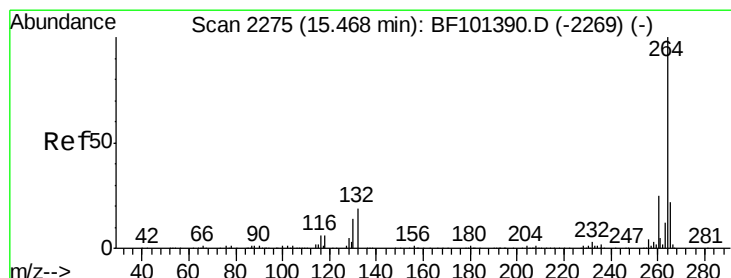
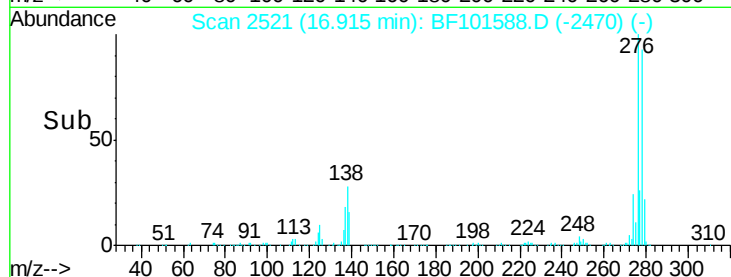
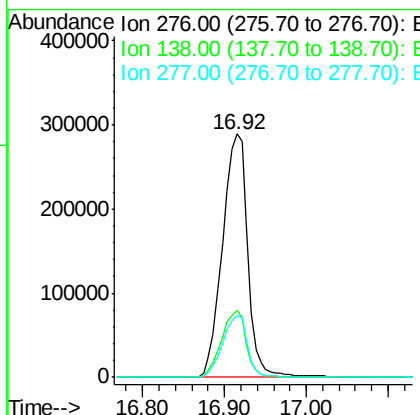
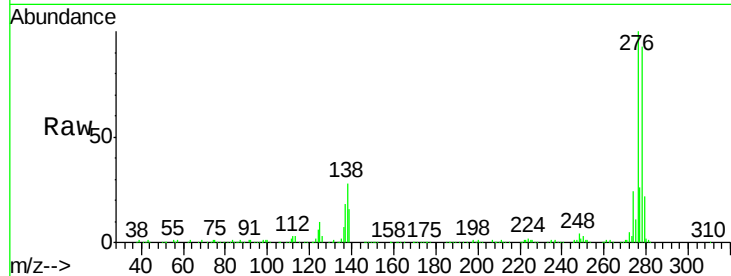




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.088 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

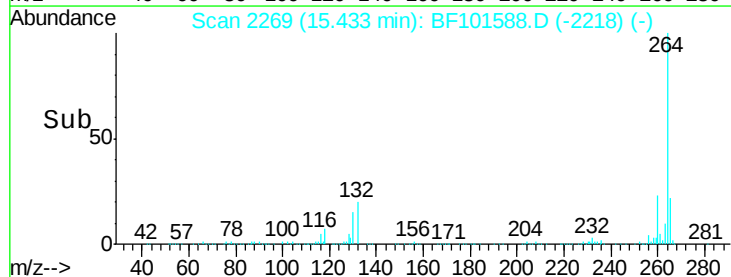
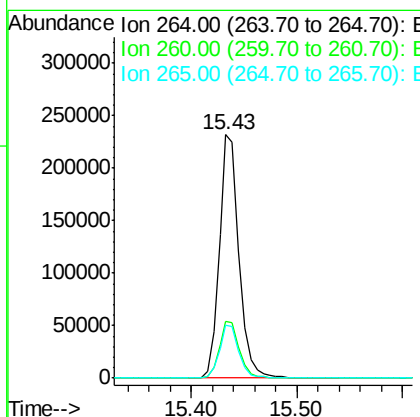
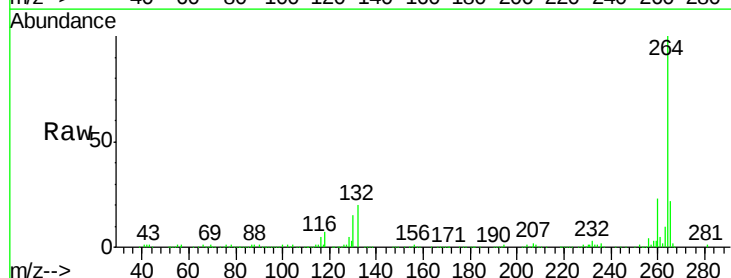
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BSD

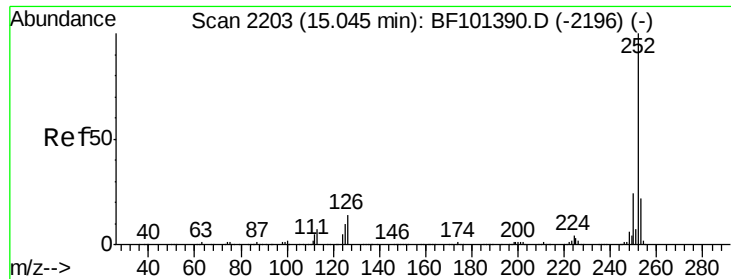
Tot Ion:276 Resp: 624937
 Ion Ratio Lower Upper
 276 100
 138 27.3 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101588.D
 Acq: 21 Dec 2017 4:46

Tgt Ion:264 Resp: 301836
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.8 17.5 26.3

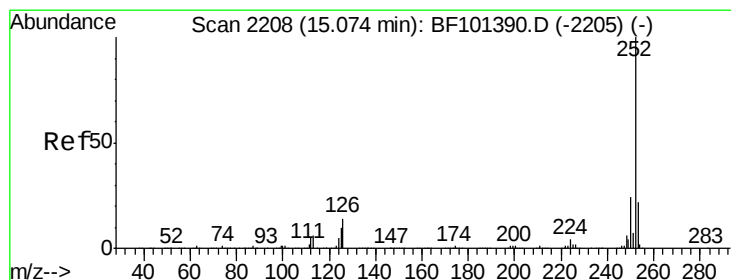
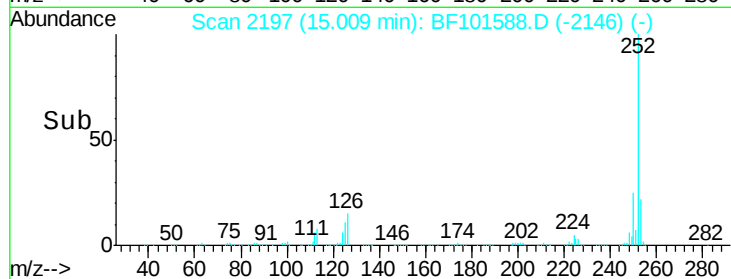
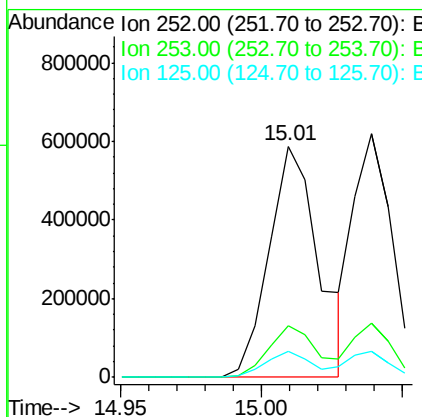
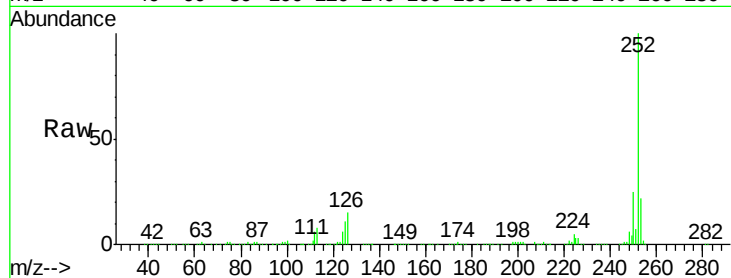




#87
Benzo(b)fluoranthene
Concen: 39.088 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

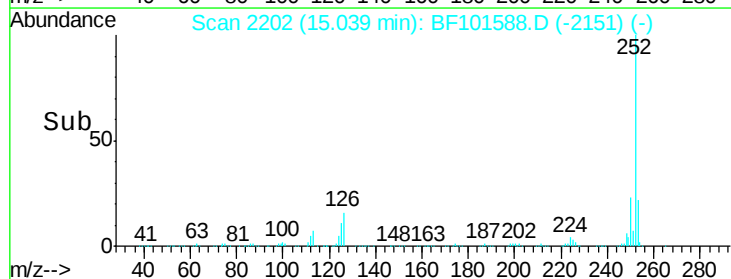
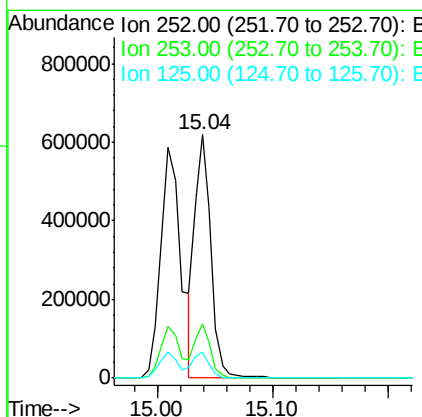
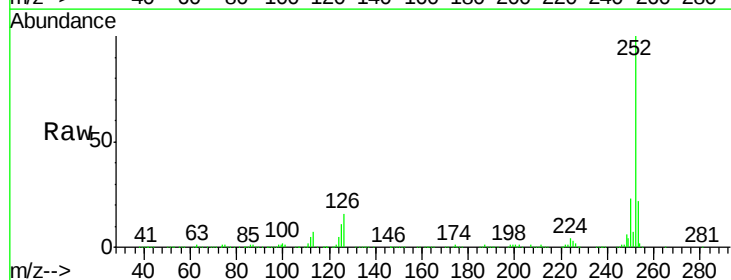
Instrument :
BNA_F
ClientSampleId :
PB105190BSD

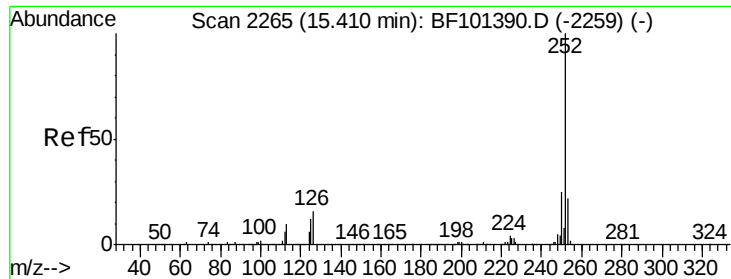
Tot Ion:252 Resp: 719125
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.667 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF101588.D
Acq: 21 Dec 2017 4:46

Tgt Ion:252 Resp: 602219
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.123 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

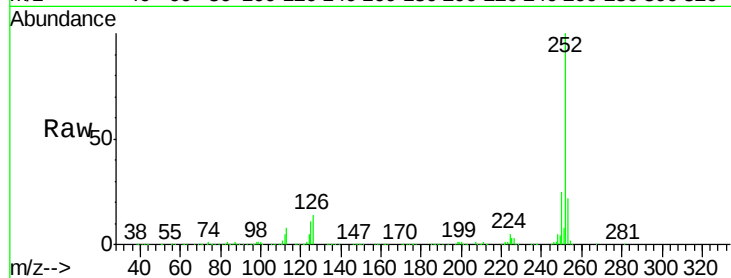
Tot Ion:252 Resp: 646557

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

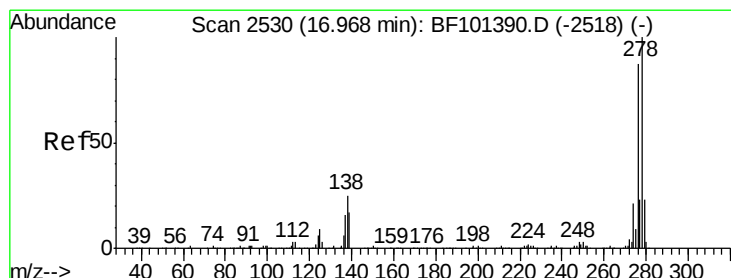
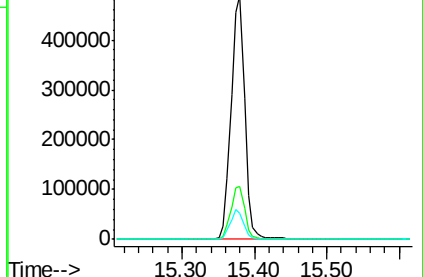
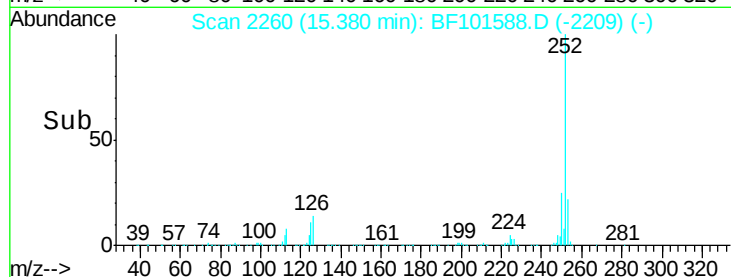
125 10.9 9.8 14.6



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: 36.538 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

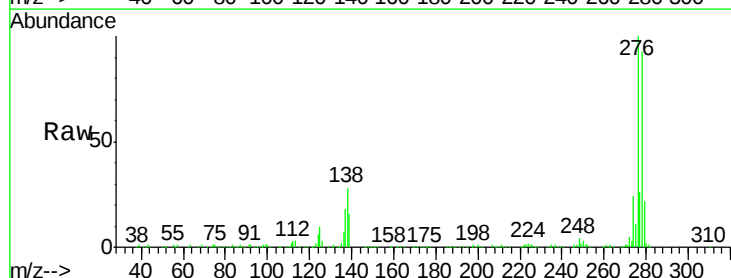
Tgt Ion:278 Resp: 532054

Ion Ratio Lower Upper

278 100

139 17.0 15.9 23.9

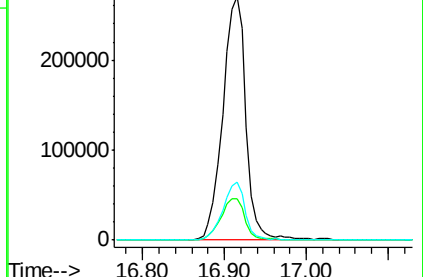
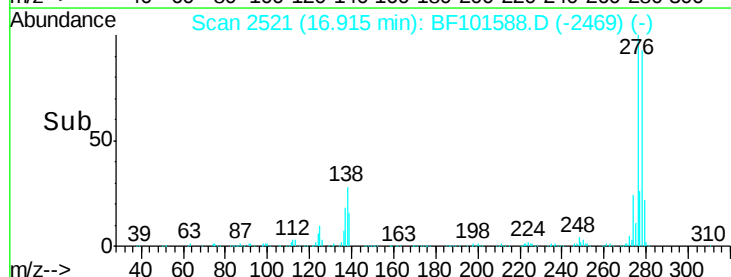
279 23.7 19.0 28.4

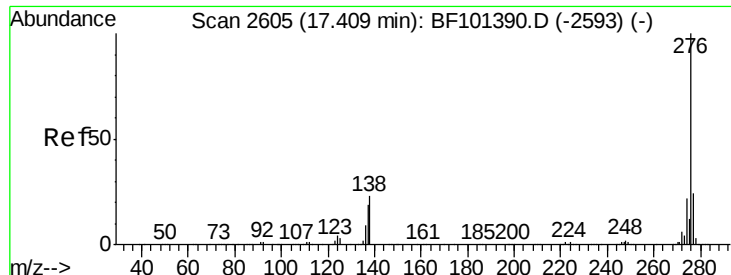


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.850 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BF101588.D

Acq: 21 Dec 2017 4:46

Instrument :

BNA_F

ClientSampleId :

PB105190BSD

Tot Ion:276 Resp: 516916

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 23.8 21.8 32.8

