

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022576.D
 Acq On : 25 Jun 2016 16:06
 Operator : UM/SJ
 Sample : PB91578BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Quant Time: Jun 27 01:09:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	139844	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	581311	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	424318	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1105212	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1224112	20.00	ng	0.00
86) Perylene-d12	25.21	264	1234509	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	668196	76.64	ng	0.00
7) Phenol-d6	7.31	99	1006972	81.94	ng	0.00
23) Nitrobenzene-d5	9.34	82	1026355	74.73	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	544455	81.58	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1955499	73.09	ng	0.00
78) Terphenyl-d14	20.16	244	3064642	66.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	99250	28.09	ng	95
3) Pyridine	3.99	79	324611	32.84	ng	91
4) n-Nitrosodimethylamine	3.90	42	181202	32.05	ng	84
6) Aniline	7.49	93	482978	29.64	ng	97
8) 2-Chlorophenol	7.73	128	360580	39.93	ng	98
10) Phenol	7.33	94	545148	41.97	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	366279	34.26	ng	91
12) 1,3-Dichlorobenzene	8.05	146	378350	34.43	ng	98
13) 1,4-Dichlorobenzene	8.20	146	370993	33.67	ng	94
14) 1,2-Dichlorobenzene	8.52	146	368483	35.17	ng	93
15) Benzyl Alcohol	8.40	79	479082	42.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	427401	36.14	ng	99
17) 2-Methylphenol	8.60	107	350859	40.98	ng	95
18) Hexachloroethane	9.26	117	156025	34.21	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	379879	37.12	ng	99
20) 3+4-Methylphenols	8.93	107	486010	41.21	ng	94
22) Acetophenone	8.99	105	631290	37.56	ng	# 92
24) Nitrobenzene	9.38	77	553748	36.48	ng	95
25) Isophorone	9.90	82	986961	37.02	ng	98
26) 2-Nitrophenol	10.09	139	220016	40.24	ng	95
27) 2,4-Dimethylphenol	10.14	122	393535	37.67	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	549342	37.74	ng	# 95
29) 2,4-Dichlorophenol	10.62	162	433500	42.59	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	438432	36.28	ng	95
31) Naphthalene	11.04	128	1071934	36.68	ng	98
32) Benzoic acid	10.26	122	292944	43.44	ng	91
33) 4-Chloroaniline	11.15	127	116879	9.29	ng	# 93
34) Hexachlorobutadiene	11.32	225	329957	35.13	ng	96
35) Caprolactam	11.93	113	107893	33.65	ng	96
36) 4-Chloro-3-methylphenol	12.25	107	532155	42.59	ng	95
37) 2-Methylnaphthalene	12.63	142	849250	37.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	571135	35.65	ng	99
40) Hexachlorocyclopentadiene	12.98	237	830588	64.95	ng	98
42) 2,4,6-Trichlorophenol	13.23	196	398159	38.76	ng	92

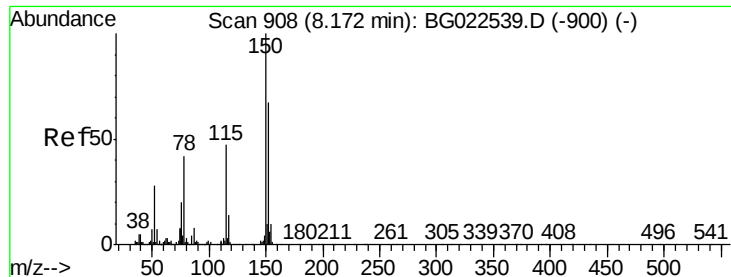
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022576.D
 Acq On : 25 Jun 2016 16:06
 Operator : UM/SJ
 Sample : PB91578BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Quant Time: Jun 27 01:09:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	442947	41.21	ng	96
45) 1,1'-Biphenyl	13.63	154	1184892	36.66	ng	95
46) 2-Chloronaphthalene	13.68	162	968964	36.43	ng	96
47) 2-Nitroaniline	13.88	65	417429	40.66	ng	93
48) Acenaphthylene	14.53	152	1465282	37.98	ng	99
49) Dimethylphthalate	14.25	163	1342578	38.14	ng	# 95
50) 2,6-Dinitrotoluene	14.37	165	309004	40.40	ng	90
51) Acenaphthene	14.87	154	1001987	35.26	ng	97
52) 3-Nitroaniline	14.70	138	189503	26.48	ng	95
53) 2,4-Dinitrophenol	14.90	184	425830	90.39	ng	96
54) Dibenzofuran	15.20	168	1562485	37.96	ng	99
55) 4-Nitrophenol	15.00	139	532489	87.99	ng	95
56) 2,4-Dinitrotoluene	15.15	165	466513	44.03	ng	# 96
57) Fluorene	15.85	166	1250695	38.08	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	451580	40.52	ng	# 98
59) Diethylphthalate	15.61	149	1409398	38.95	ng	97
60) 4-Chlorophenyl-phenylether	15.84	204	740031	37.84	ng	99
61) 4-Nitroaniline	15.87	138	306366	41.49	ng	90
62) Azobenzene	16.13	77	1448214	36.95	ng	95
64) 4,6-Dinitro-2-methylphenol	15.92	198	304223	41.04	ng	97
65) n-Nitrosodiphenylamine	16.05	169	1211034	37.65	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	514462	35.88	ng	95
67) Hexachlorobenzene	16.85	284	564709	37.25	ng	94
68) Atrazine	17.01	200	454532	33.47	ng	97
69) Pentachlorophenol	17.20	266	816896	78.30	ng	98
70) Phenanthrene	17.60	178	2093987	37.15	ng	96
71) Anthracene	17.69	178	2110733	36.39	ng	97
72) Carbazole	17.96	167	1930537	39.26	ng	98
73) Di-n-butylphthalate	18.52	149	2248607	39.27	ng	97
74) Fluoranthene	19.61	202	2511310	38.68	ng	97
76) Benzidine	19.78	184	1299668	99.72	ng	99
77) Pyrene	19.97	202	2534018	38.87	ng	95
79) Butylbenzylphthalate	20.84	149	1117017	39.58	ng	98
80) Benzo(a)anthracene	21.84	228	2665838	39.36	ng	98
81) 3,3'-Dichlorobenzidine	21.74	252	596489	21.32	ng	# 98
82) Chrysene	21.91	228	2491195	39.14	ng	93
83) Bis(2-ethylhexyl)phthalate	21.73	149	1487119	37.42	ng	99
84) Di-n-octyl phthalate	22.99	149	2438280	37.22	ng	99
85) Indeno(1,2,3-cd)pyrene	29.07	276	3197709	38.23	ng	# 100
87) Benzo(b)fluoranthene	24.22	252	2754991	37.11	ng	97
88) Benzo(k)fluoranthene	24.22	252	2754991	39.26	ng	# 96
89) Benzo(a)pyrene	25.06	252	2783631	38.47	ng	95
90) Dibenzo(a,h)anthracene	29.14	278	2670540	39.20	ng	# 96
91) Benzo(g,h,i)perylene	30.28	276	2661212	38.38	ng	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

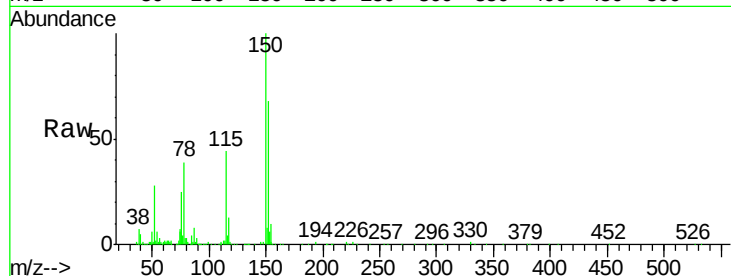
Tgt Ion:152 Resp: 139844

Ion Ratio Lower Upper

152 100

150 146.3 144.7 217.1

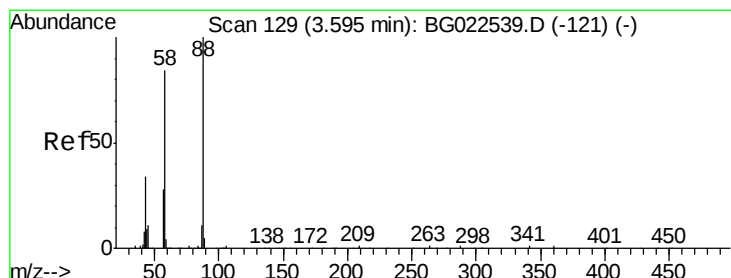
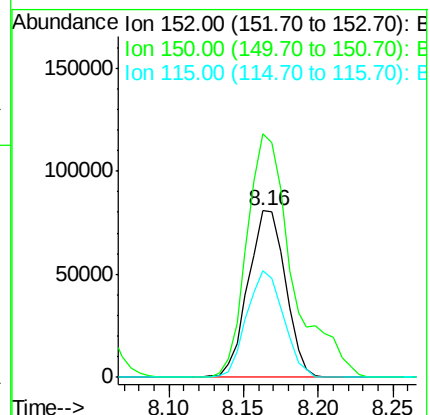
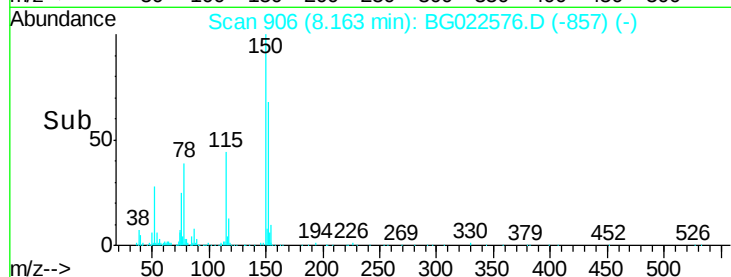
115 64.5 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.09 ng

RT: 3.59 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

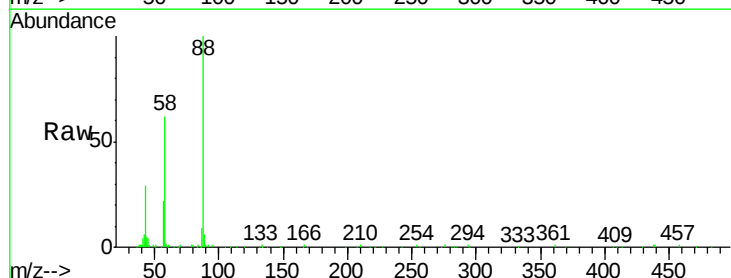
Tgt Ion: 88 Resp: 99250

Ion Ratio Lower Upper

88 100

58 75.1 60.4 90.6

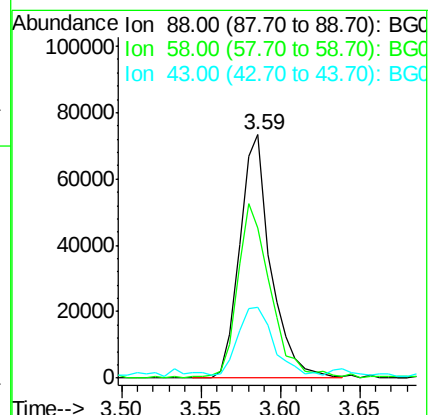
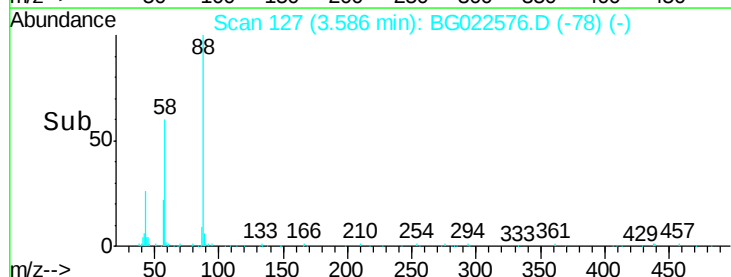
43 31.4 31.1 46.7

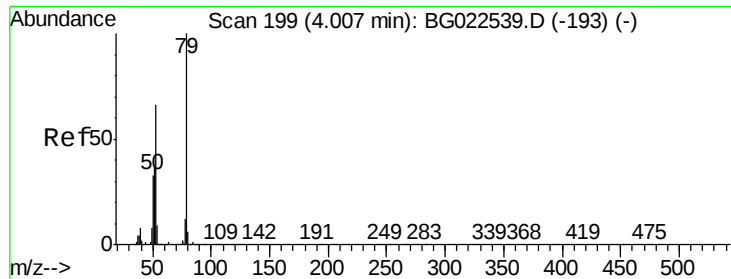


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.84 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

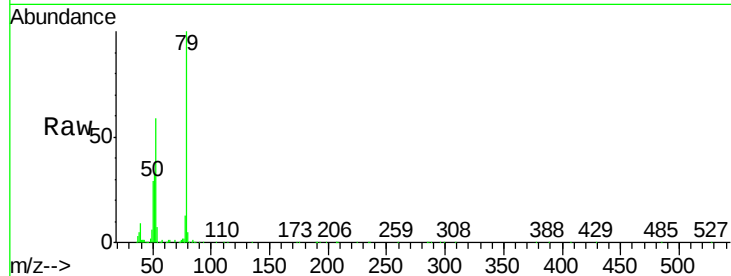
Tgt Ion: 79 Resp: 324611

Ion Ratio Lower Upper

79 100

52 58.8 51.8 77.8

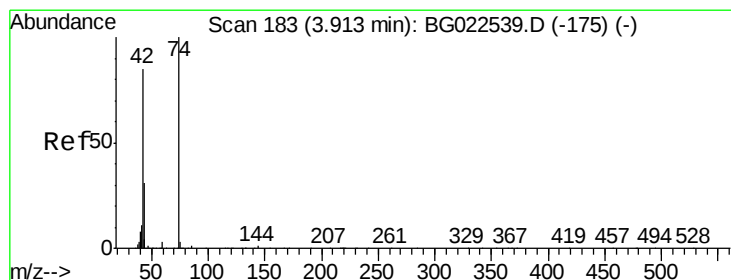
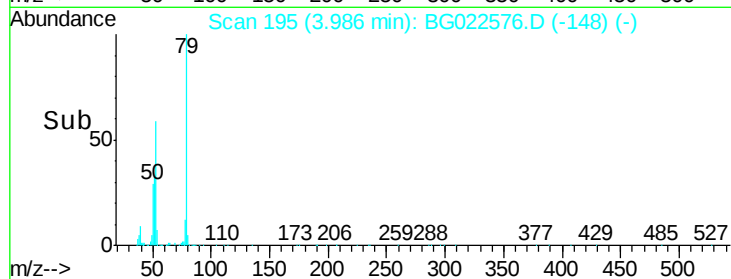
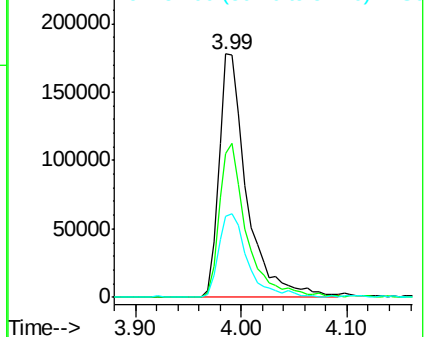
51 33.4 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.05 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

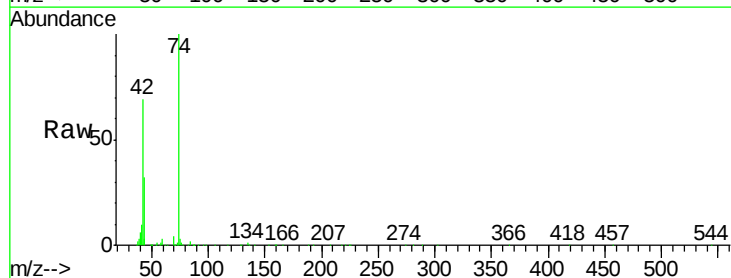
Tgt Ion: 42 Resp: 181202

Ion Ratio Lower Upper

42 100

74 144.2 100.6 150.8

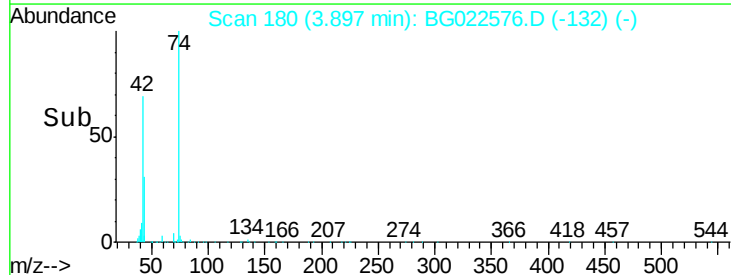
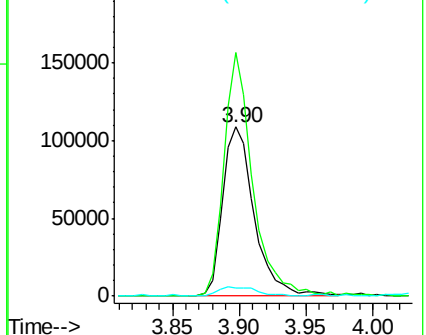
44 4.9 4.5 6.7

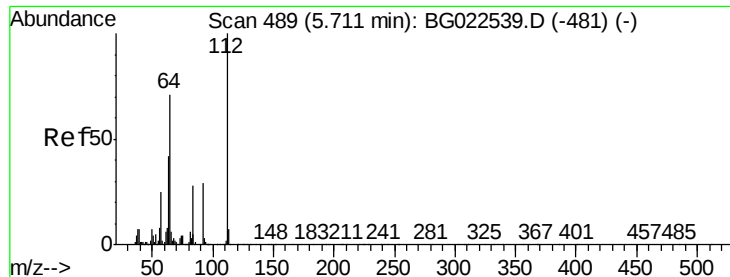


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 76.64 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

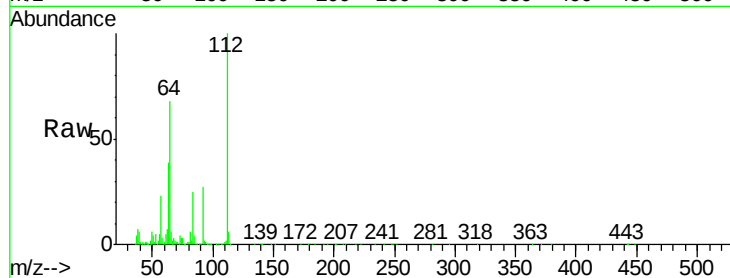
Tgt Ion: 112 Resp: 668196

Ion Ratio Lower Upper

112 100

64 67.5 59.0 88.4

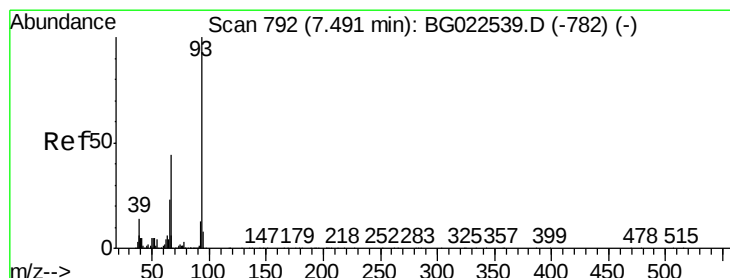
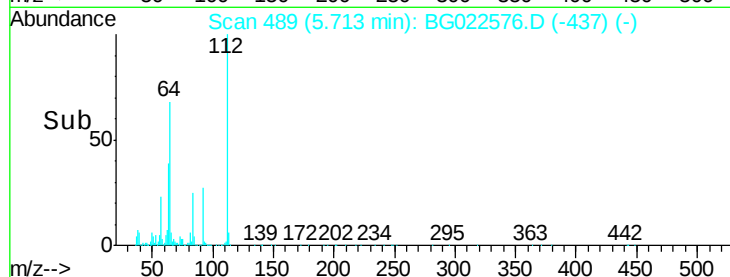
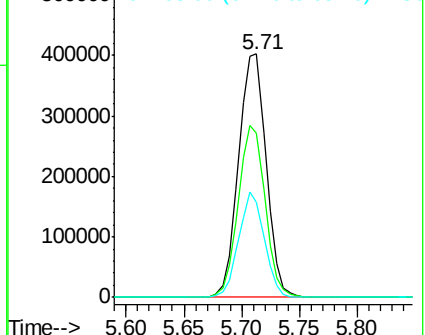
63 39.3 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.64 ng

RT: 7.49 min Scan# 791

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

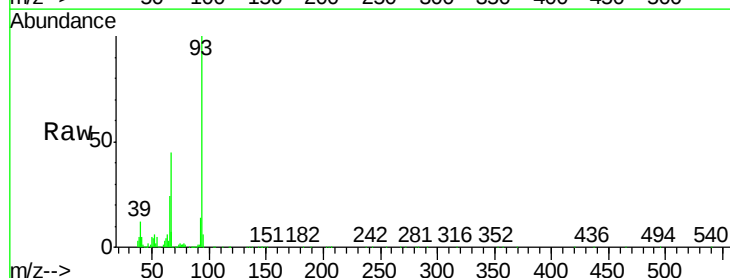
Tgt Ion: 93 Resp: 482978

Ion Ratio Lower Upper

93 100

66 45.5 37.5 56.3

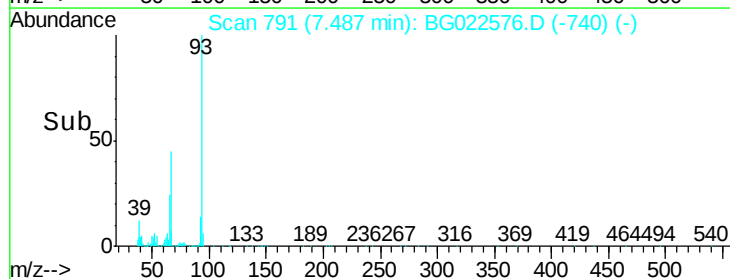
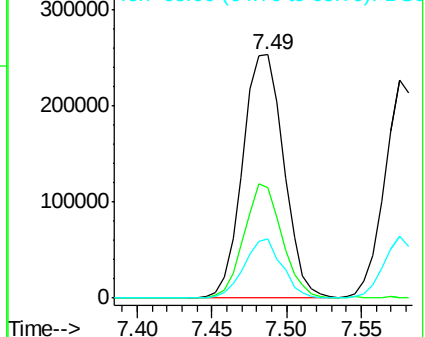
65 24.3 17.9 26.9

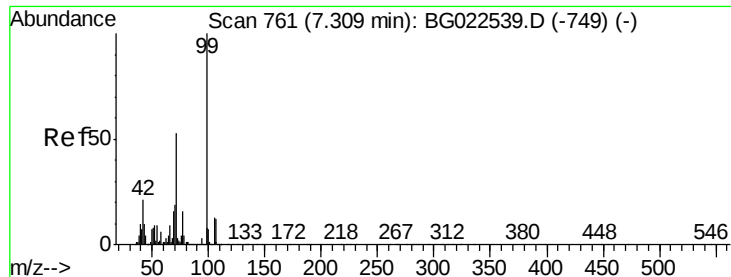


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.94 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

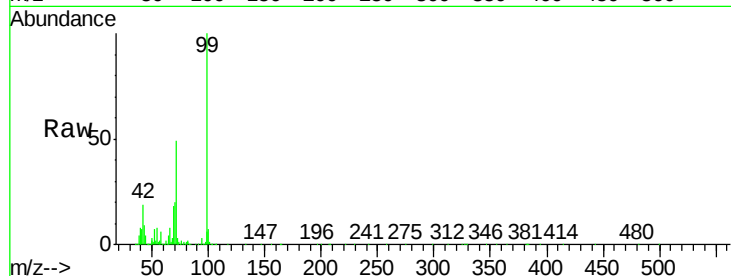
Tgt Ion: 99 Resp: 1006972

Ion Ratio Lower Upper

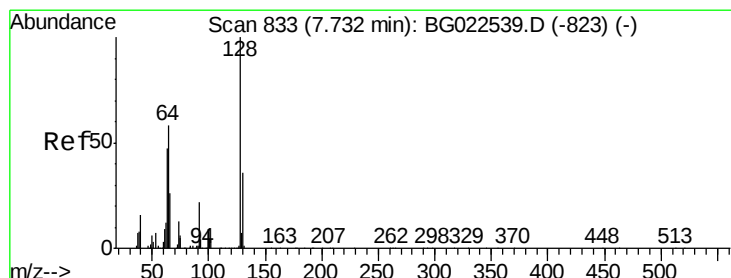
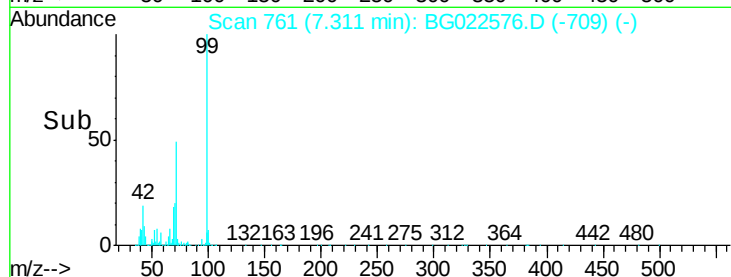
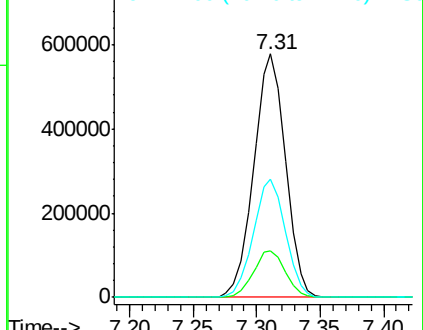
99 100

42 19.0 17.8 26.6

71 48.7 41.5 62.3



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



#8

2-Chlorophenol

Concen: 39.93 ng

RT: 7.73 min Scan# 832

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

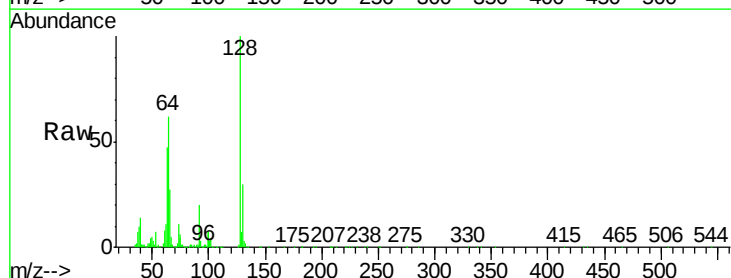
Tgt Ion: 128 Resp: 360580

Ion Ratio Lower Upper

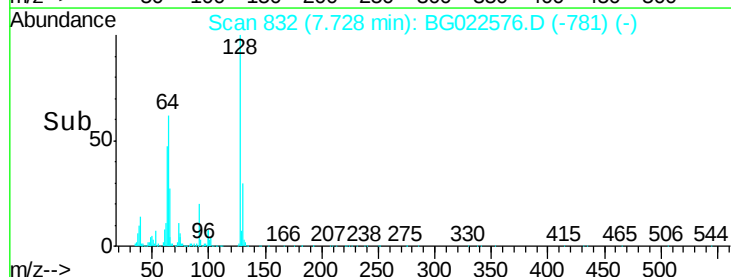
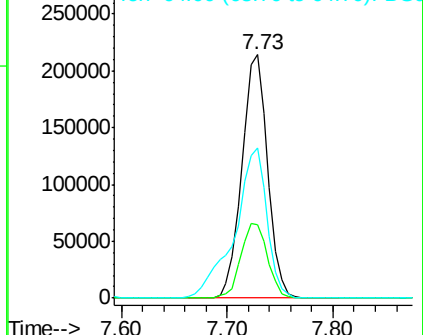
128 100

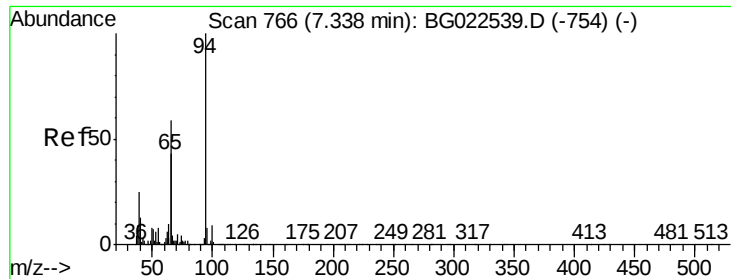
130 30.4 12.9 52.9

64 61.5 42.0 82.0



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





#10

Phenol

Concen: 41.97 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

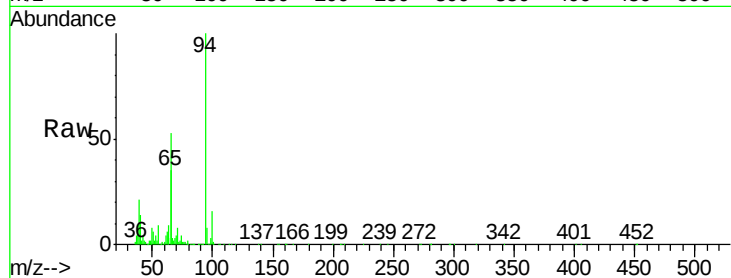
Tgt Ion: 94 Resp: 545148

Ion Ratio Lower Upper

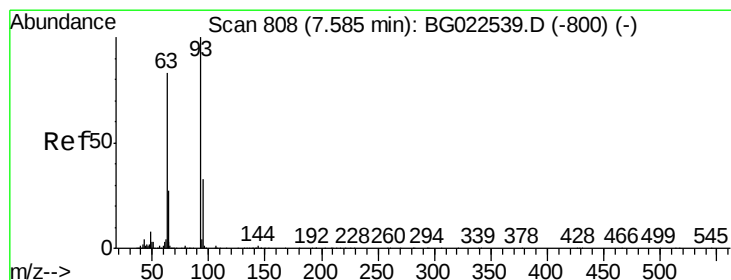
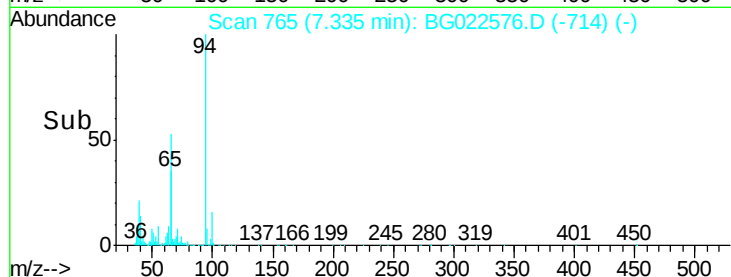
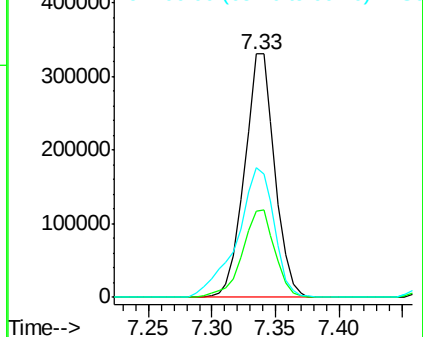
94 100

65 35.3 18.1 58.1

66 53.3 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 34.26 ng

RT: 7.58 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

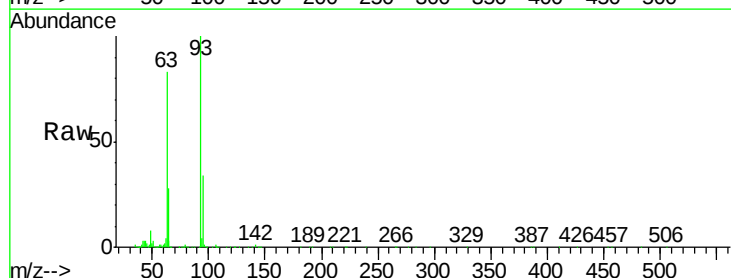
Tgt Ion: 93 Resp: 366279

Ion Ratio Lower Upper

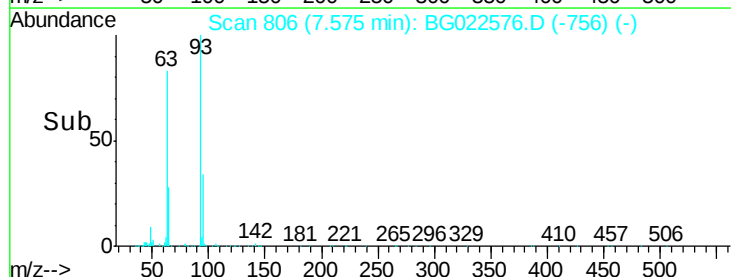
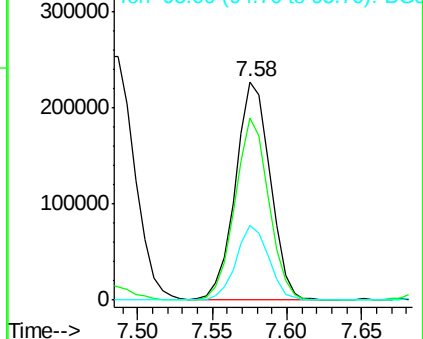
93 100

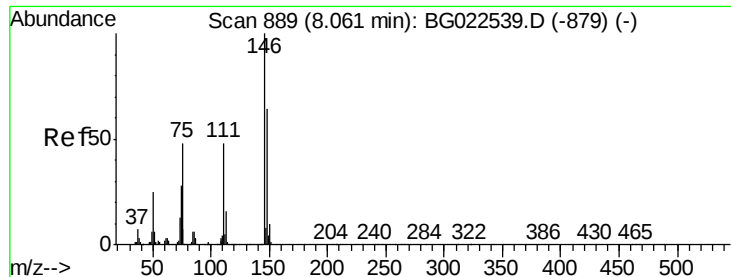
63 83.3 55.0 95.0

95 34.3 11.0 51.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 34.43 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

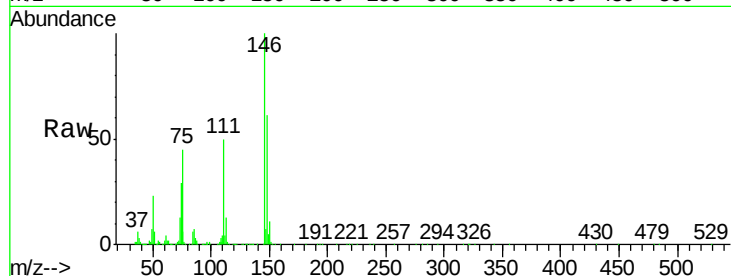
Tgt Ion:146 Resp: 378350

Ion Ratio Lower Upper

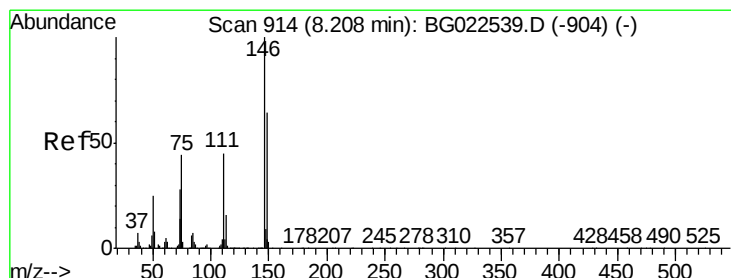
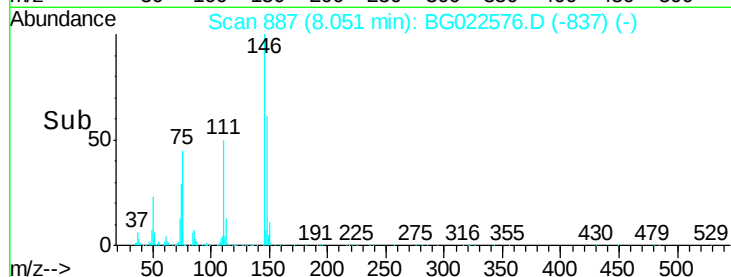
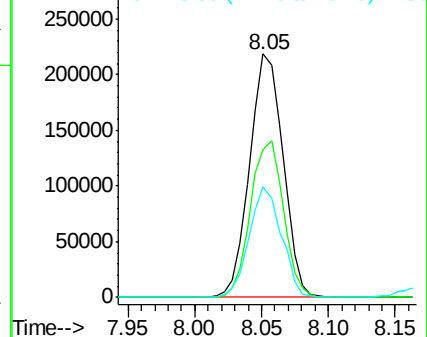
146 100

148 60.8 50.3 75.5

75 45.2 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 33.67 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

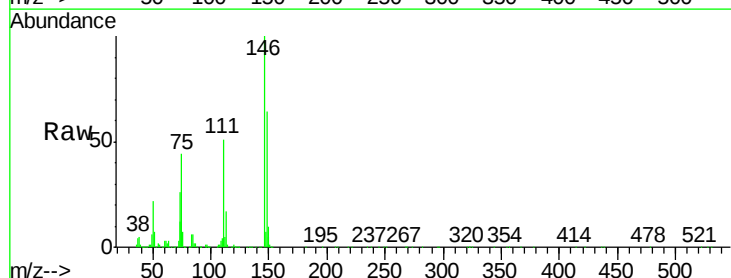
Tgt Ion:146 Resp: 370993

Ion Ratio Lower Upper

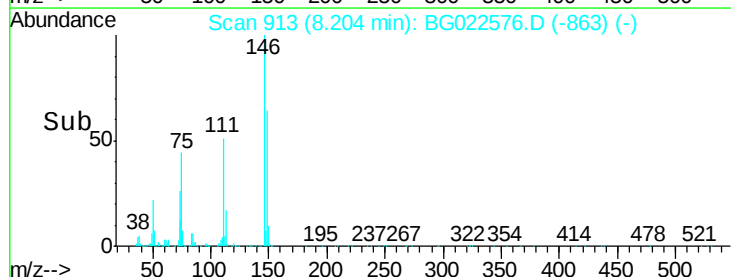
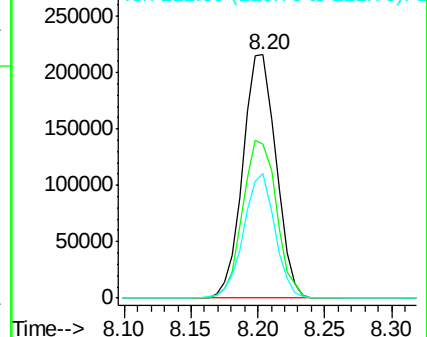
146 100

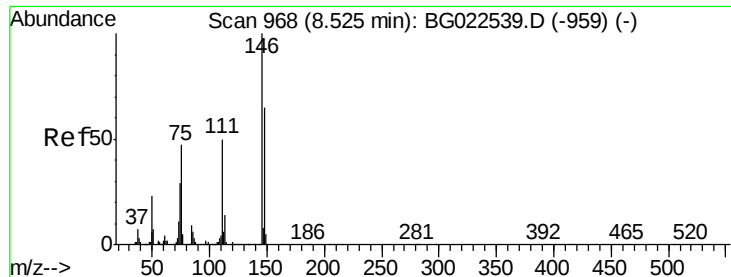
148 63.5 54.5 81.7

111 51.2 37.8 56.8



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: 35.17 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

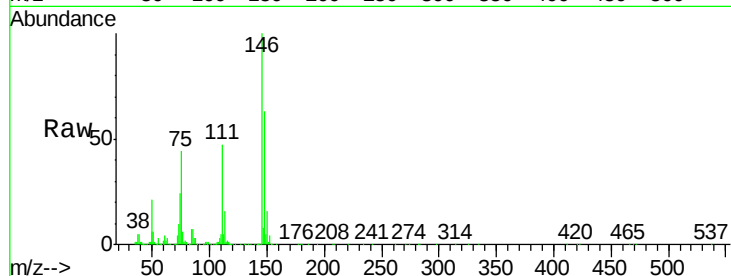
Tgt Ion:146 Resp: 368483

Ion Ratio Lower Upper

146 100

148 62.7 52.9 79.3

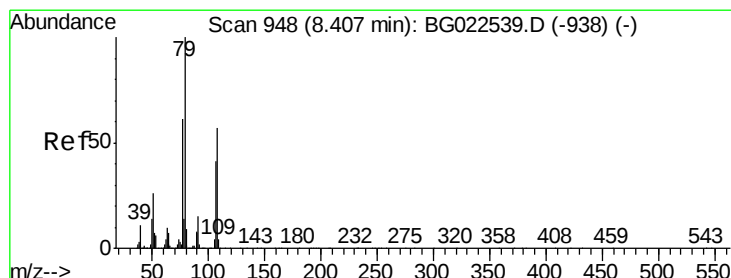
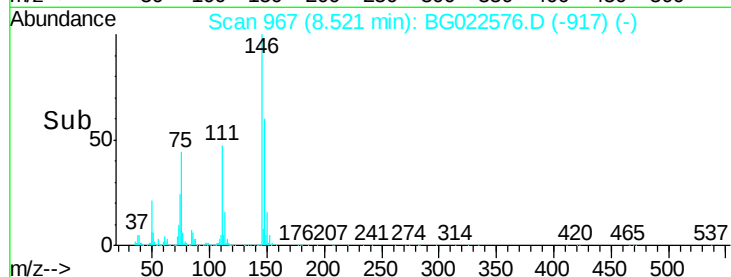
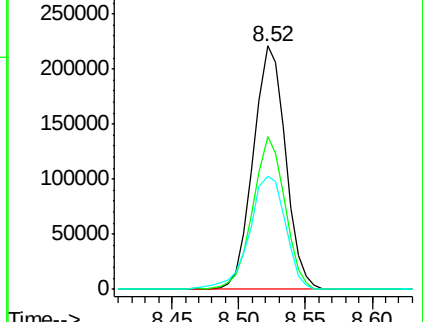
111 46.6 43.5 65.3



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: 42.13 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

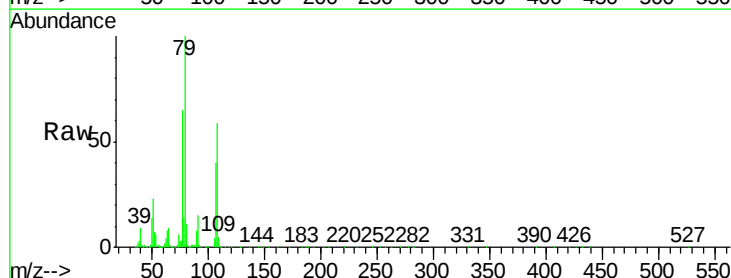
Tgt Ion: 79 Resp: 479082

Ion Ratio Lower Upper

79 100

108 58.8 46.5 69.7

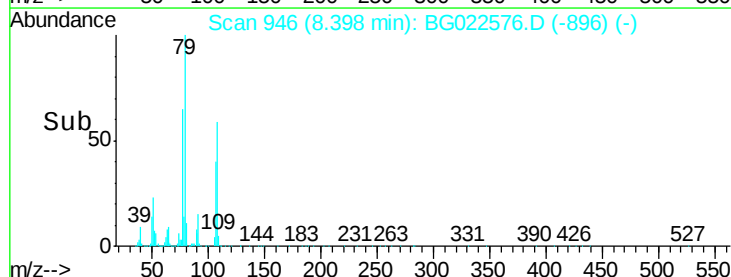
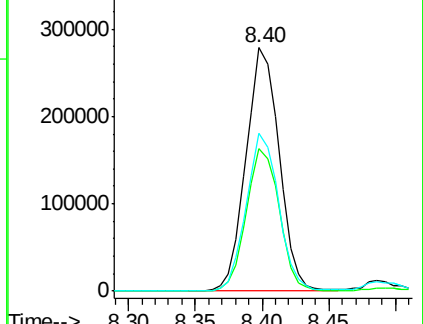
77 64.7 52.3 78.5

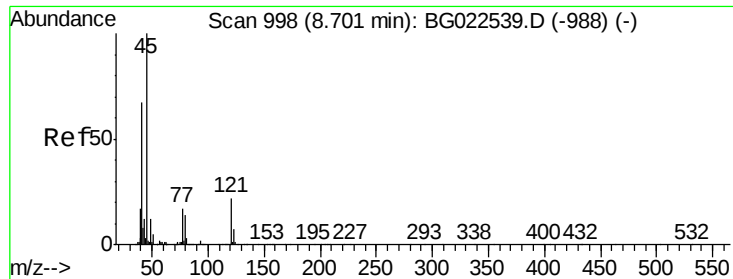


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

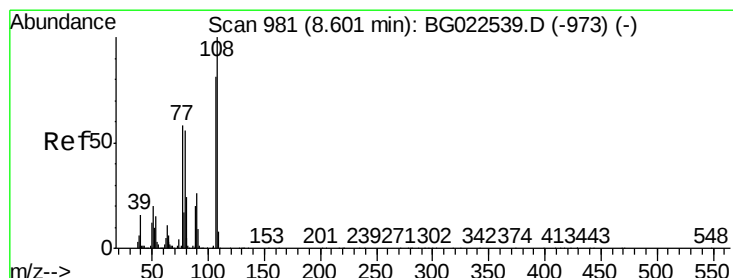
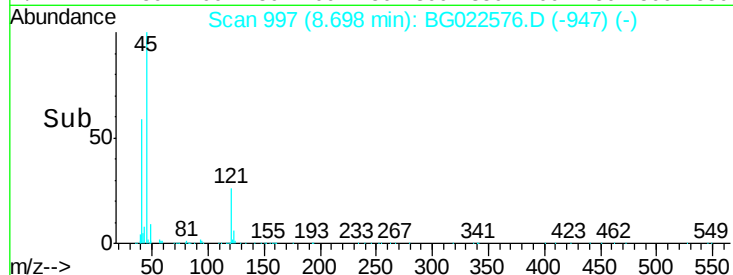
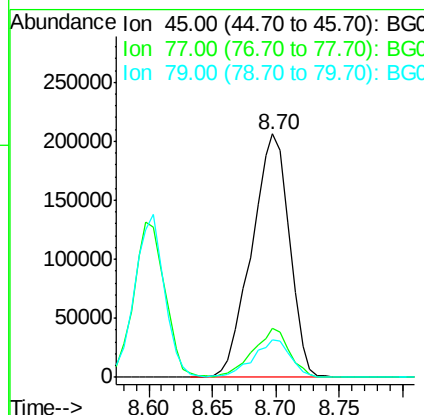
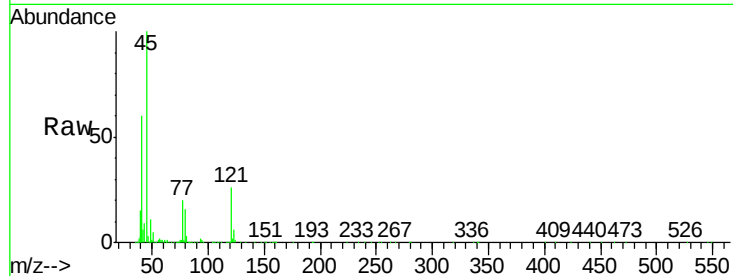




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.14 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

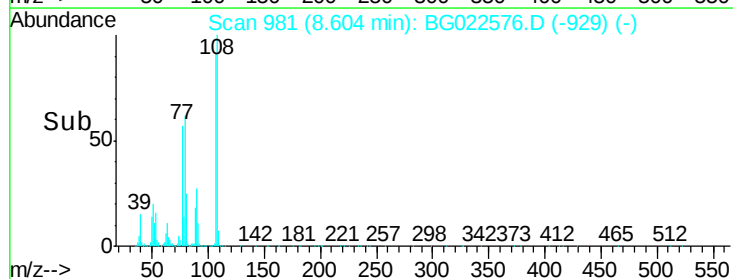
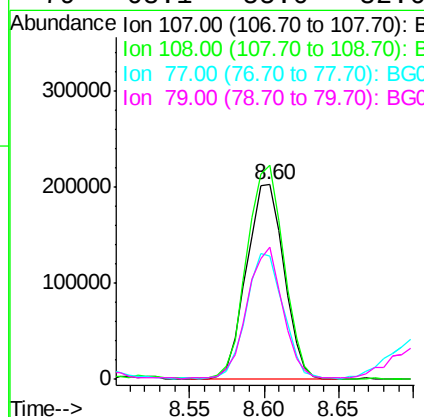
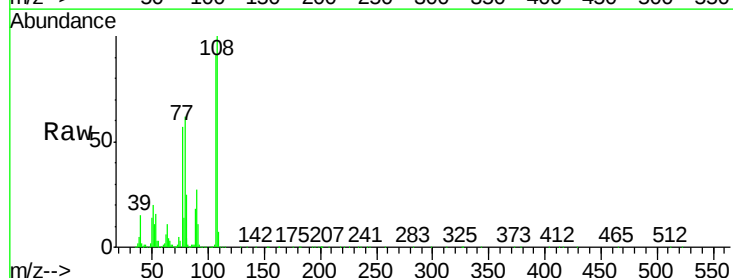
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

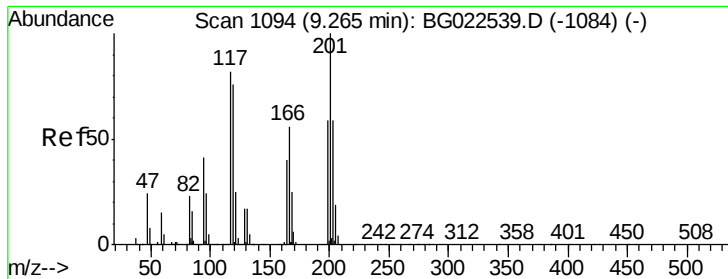
Tgt Ion: 45 Resp: 427401
Ion Ratio Lower Upper
45 100
77 20.3 0.6 40.6
79 15.5 0.0 36.2



#17
2-Methylphenol
Concen: 40.98 ng
RT: 8.60 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion: 107 Resp: 350859
Ion Ratio Lower Upper
107 100
108 109.9 92.0 138.0
77 62.9 55.8 83.6
79 68.1 55.0 82.6

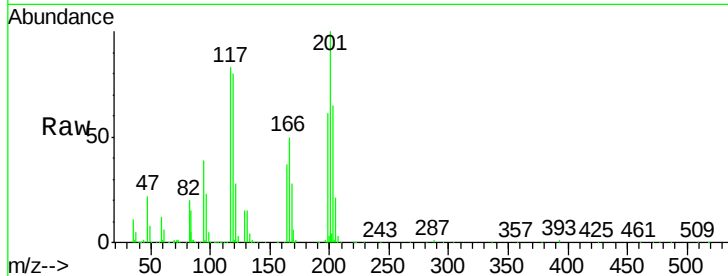




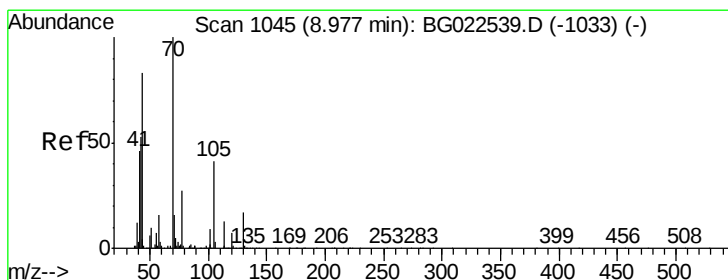
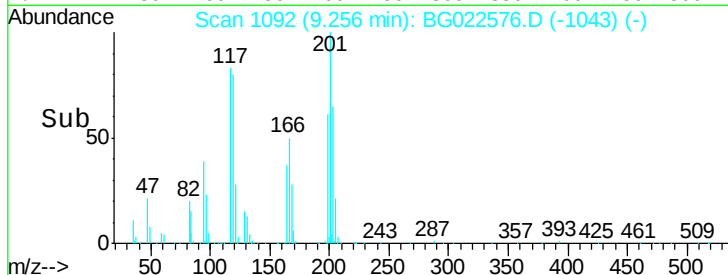
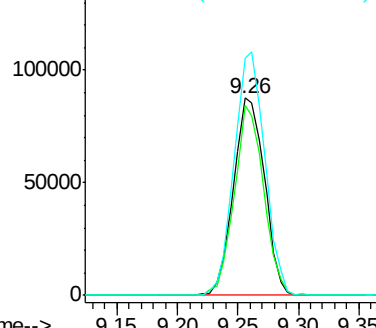
#18
Hexachloroethane
Concen: 34.21 ng
RT: 9.26 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion:117 Resp: 156025
Ion Ratio Lower Upper
117 100
119 96.3 73.7 110.5
201 120.3 88.7 133.1

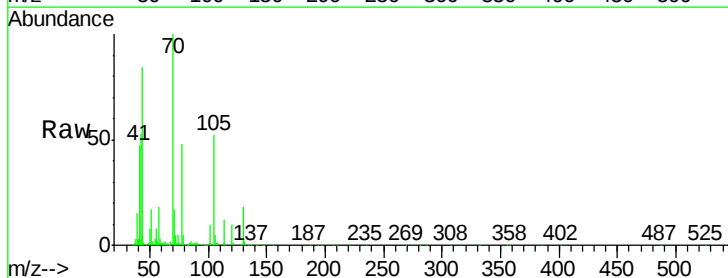


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

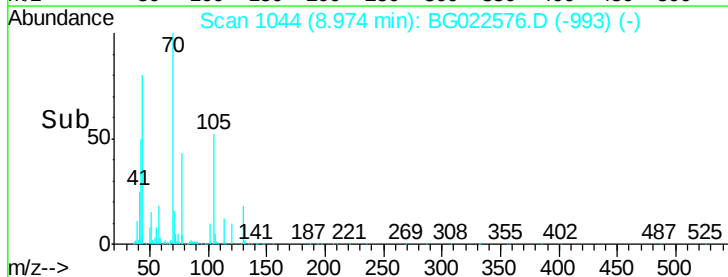
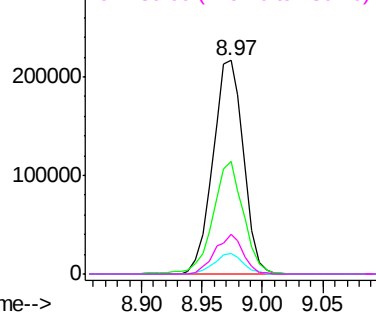


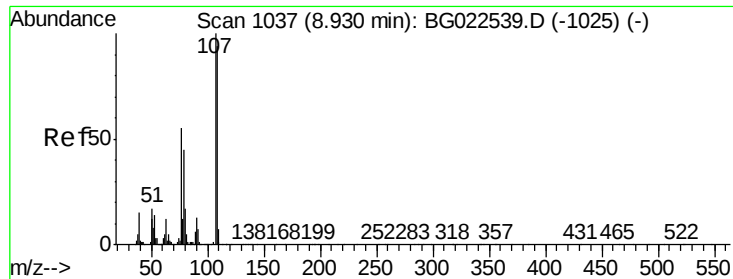
#19
n-Nitroso-di-n-propylamine
Concen: 37.12 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion: 70 Resp: 379879
Ion Ratio Lower Upper
70 100
42 52.5 42.1 63.1
101 9.8 7.2 10.8
130 18.3 14.2 21.2



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

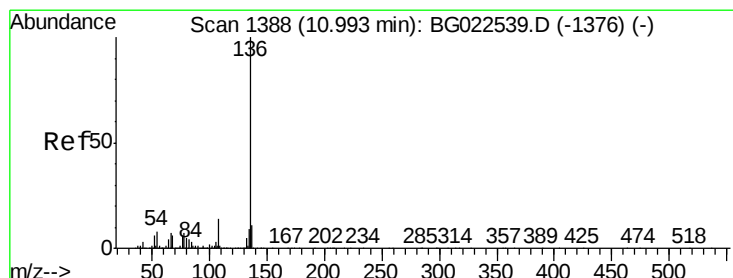
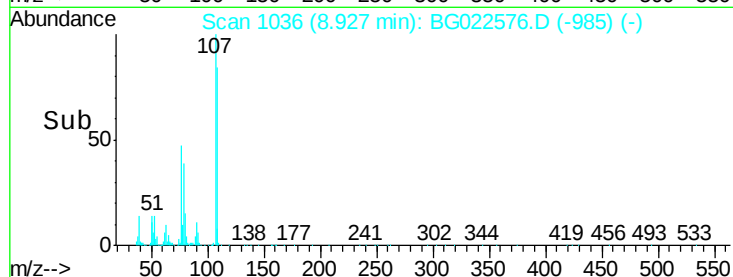
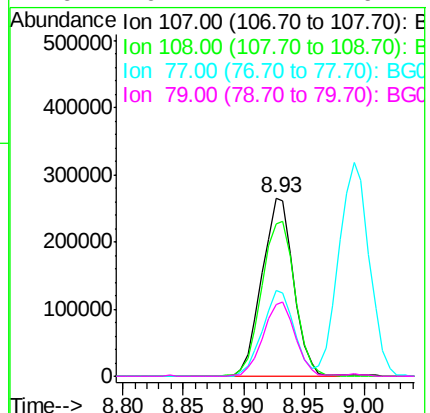
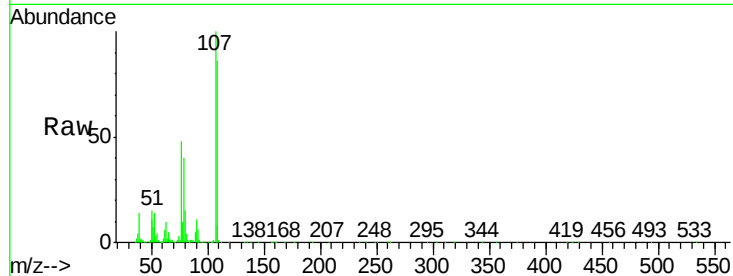




#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

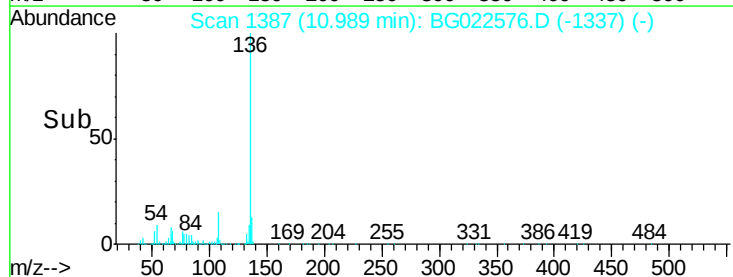
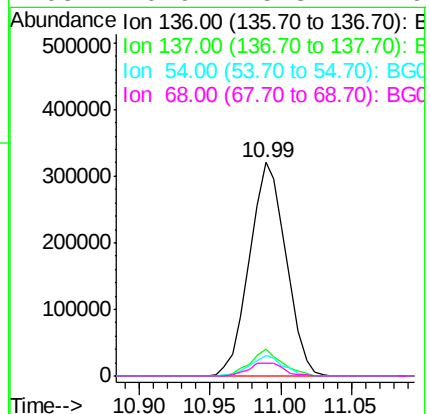
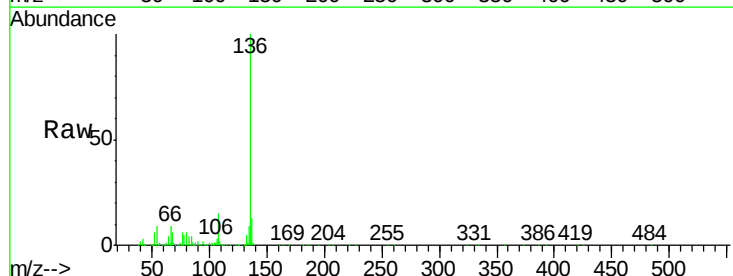
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

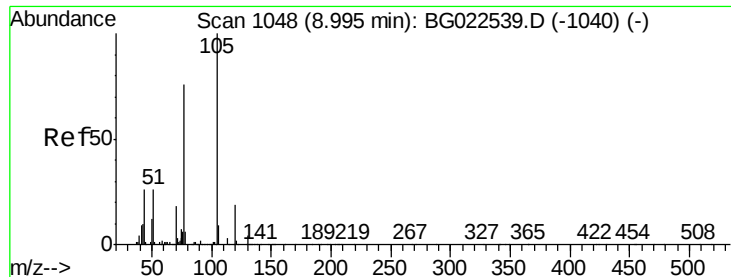
Tgt Ion:	107	Resp:	486010
Ion	Ratio	Lower	Upper
107	100		
108	85.5	72.5	112.5
77	47.7	30.1	70.1
79	40.2	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:	136	Resp:	581311
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	9.4	7.3	10.9
68	6.6	5.3	7.9





#22

Acetophenone

Concen: 37.56 ng

RT: 8.99 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

Tgt Ion:105 Resp: 631290

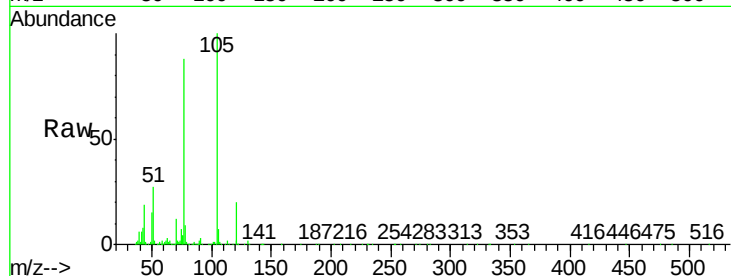
Ion Ratio Lower Upper

105 100

71 1.9 2.6 3.8#

51 27.3 27.1 40.7

120 20.0 15.1 22.7

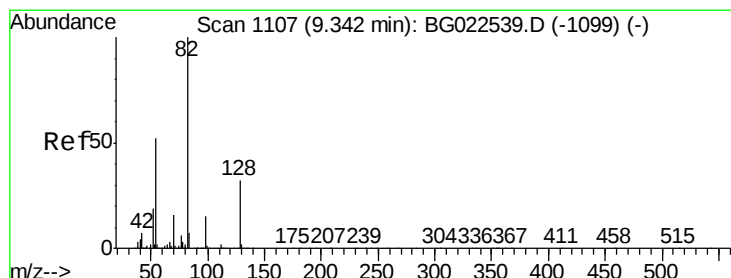
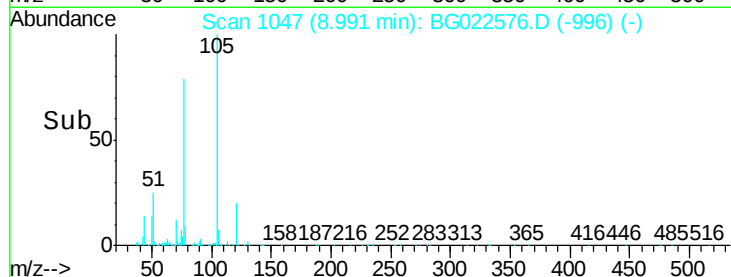
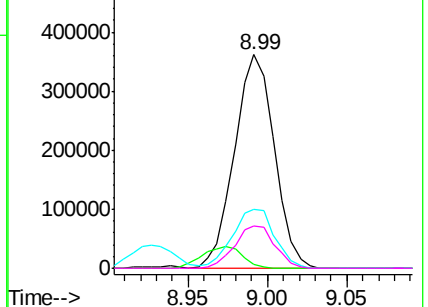


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 74.73 ng

RT: 9.34 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

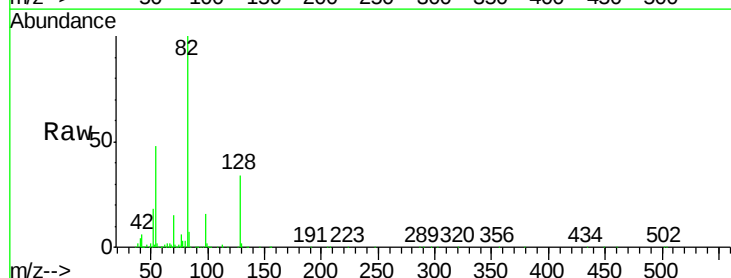
Tgt Ion: 82 Resp: 1026355

Ion Ratio Lower Upper

82 100

128 33.6 24.4 36.6

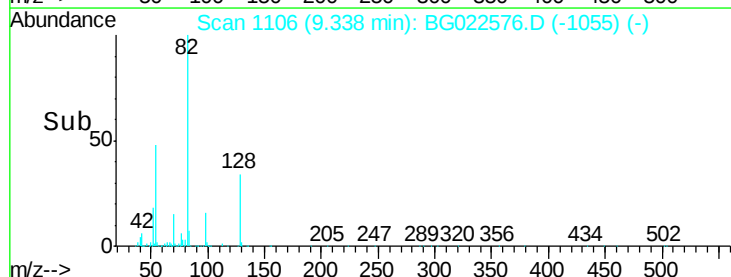
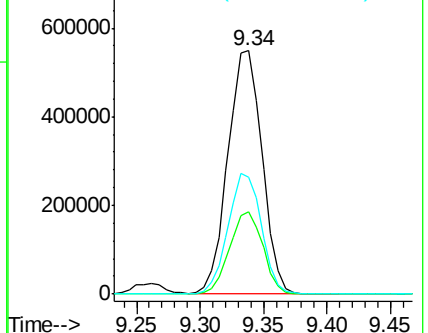
54 48.1 41.4 62.0

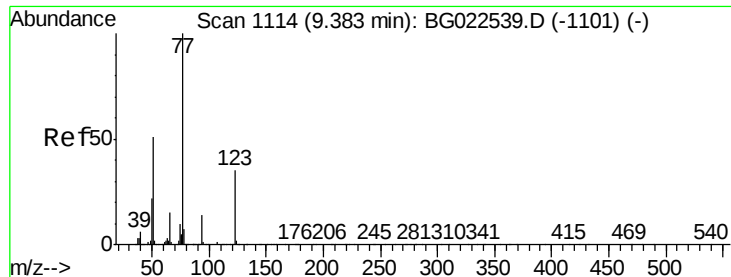


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 36.48 ng

RT: 9.38 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

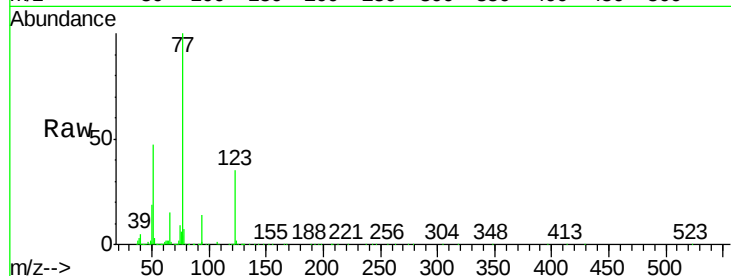
Tgt Ion: 77 Resp: 553748

Ion Ratio Lower Upper

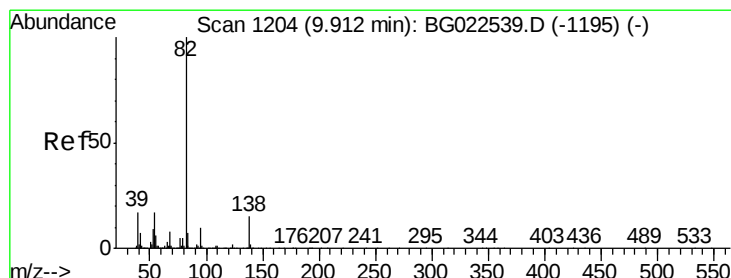
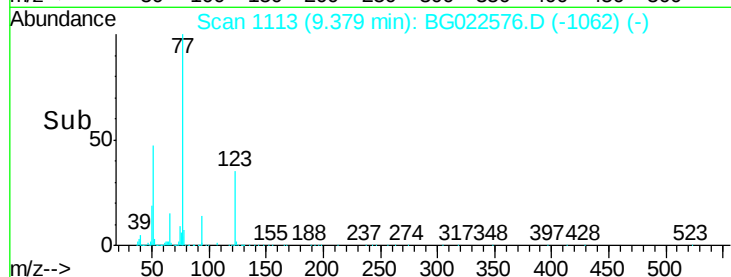
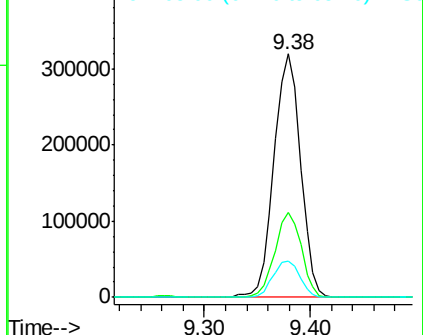
77 100

123 34.8 25.0 37.6

65 15.1 13.4 20.0



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



#25

Isophorone

Concen: 37.02 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

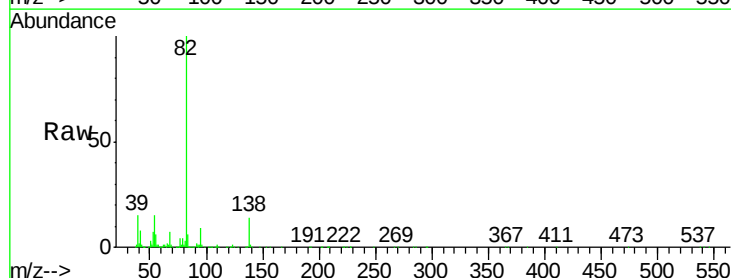
Tgt Ion: 82 Resp: 986961

Ion Ratio Lower Upper

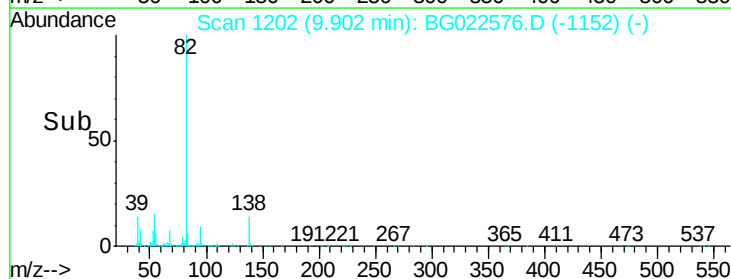
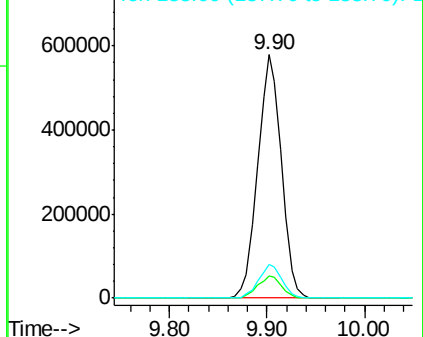
82 100

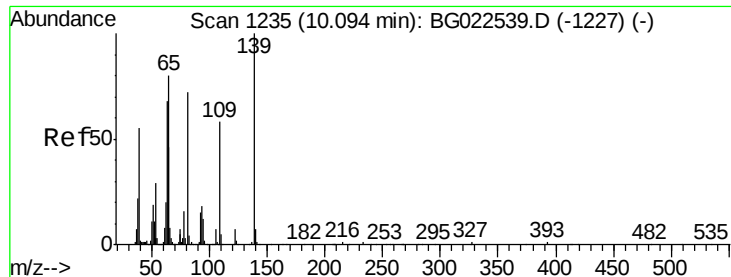
95 9.2 8.2 12.2

138 13.8 10.7 16.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

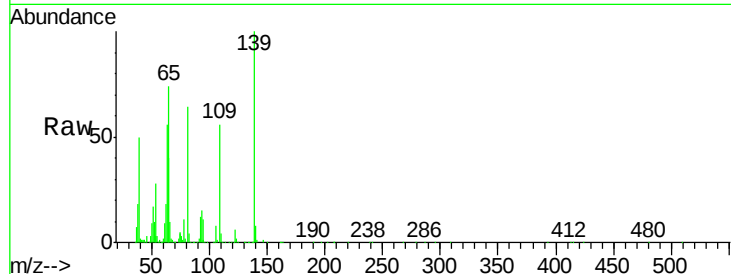




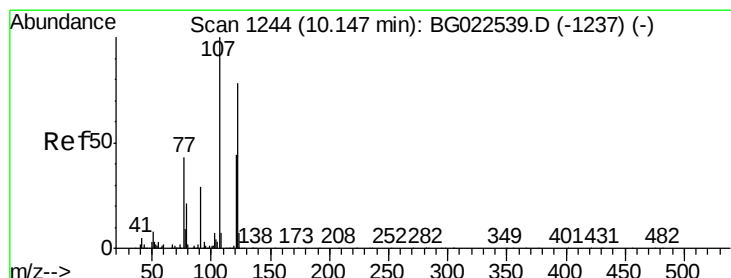
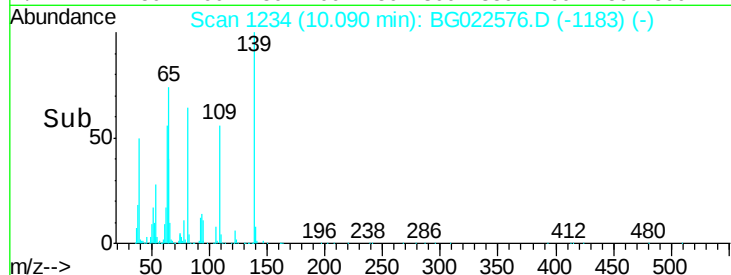
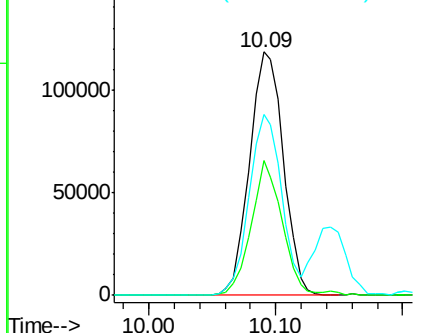
#26
2-Nitrophenol
Concen: 40.24 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.6	43.5	65.3
65	74.3	64.3	96.5

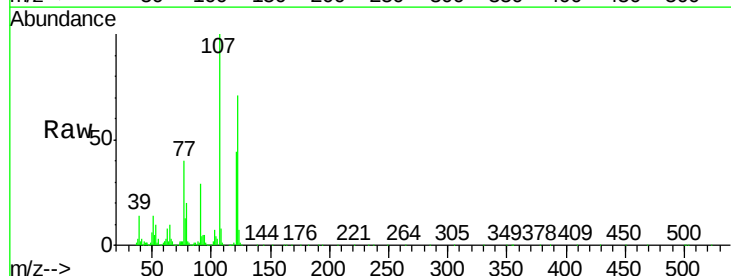


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

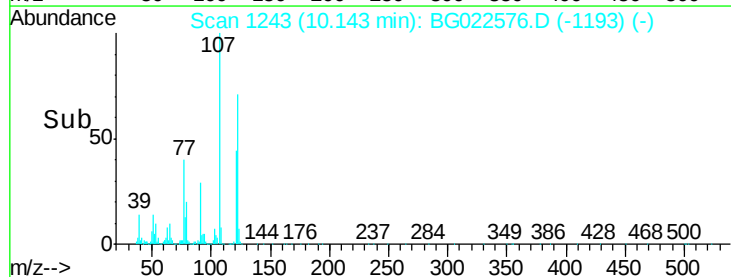
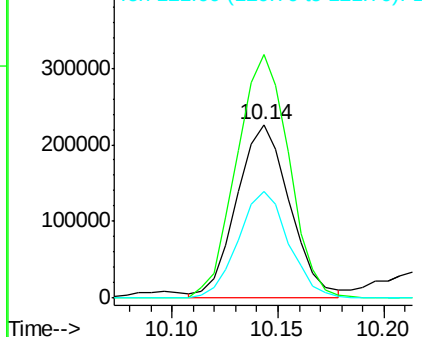


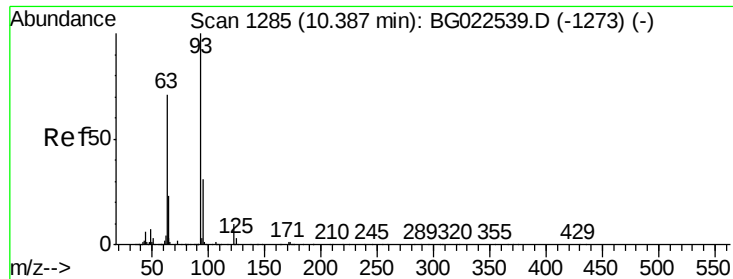
#27
2,4-Dimethylphenol
Concen: 37.67 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.2	117.0	175.4
121	61.4	50.1	75.1



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

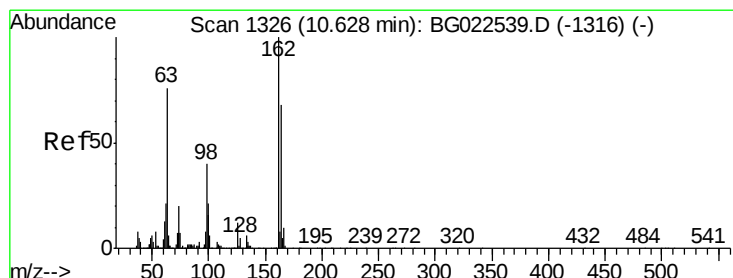
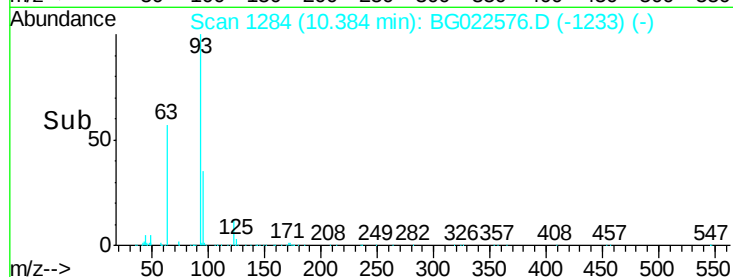
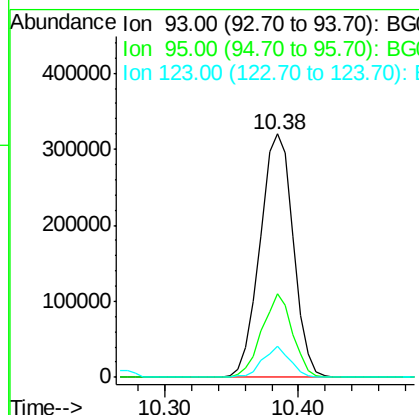
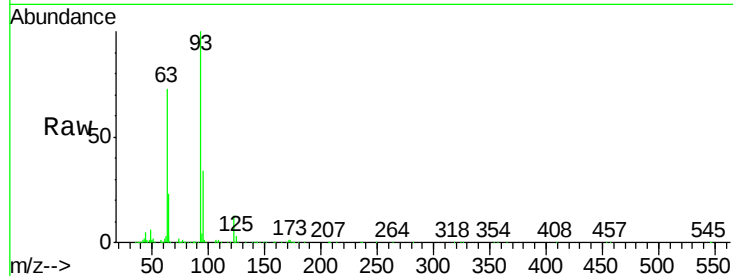




#28
 bis(2-Chloroethoxy)methane
 Concen: 37.74 ng
 RT: 10.38 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

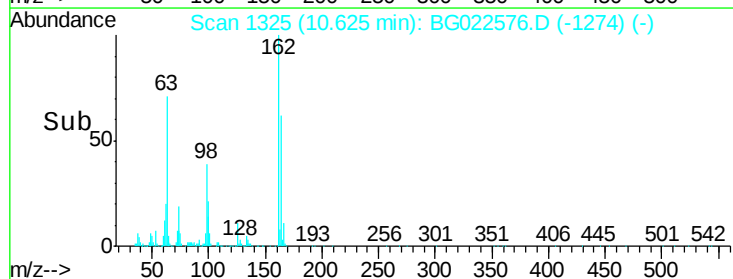
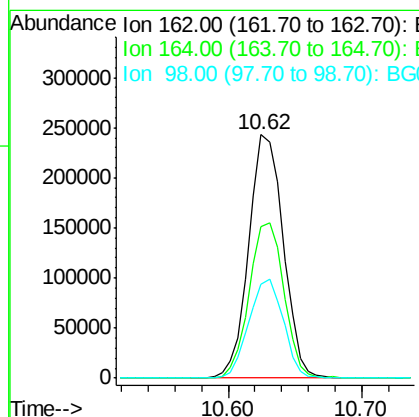
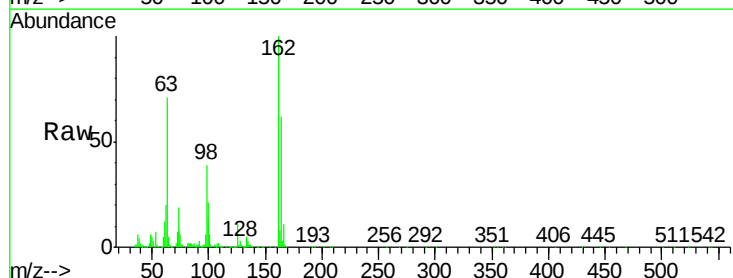
Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

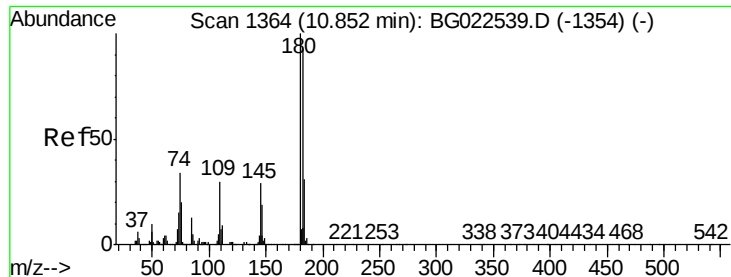
Tgt Ion: 93 Resp: 549342
 Ion Ratio Lower Upper
 93 100
 95 34.3 25.4 38.2
 123 12.6 8.2 12.2#



#29
 2,4-Dichlorophenol
 Concen: 42.59 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion: 162 Resp: 433500
 Ion Ratio Lower Upper
 162 100
 164 62.3 44.3 84.3
 98 38.6 19.5 59.5

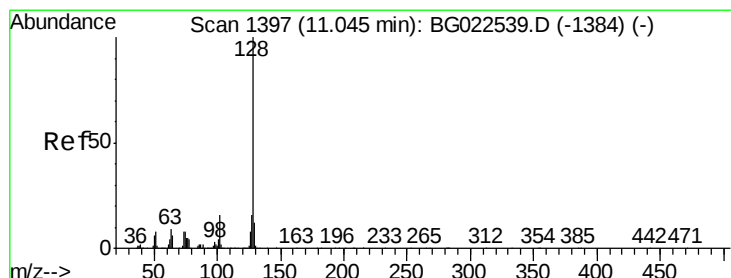
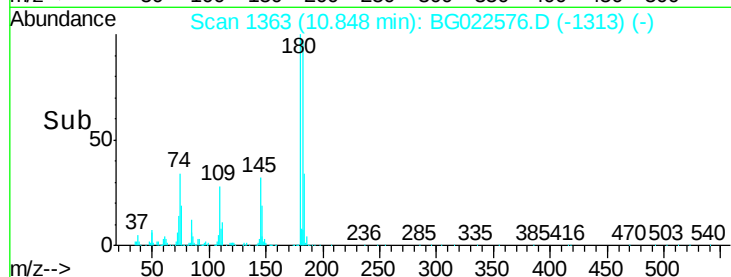
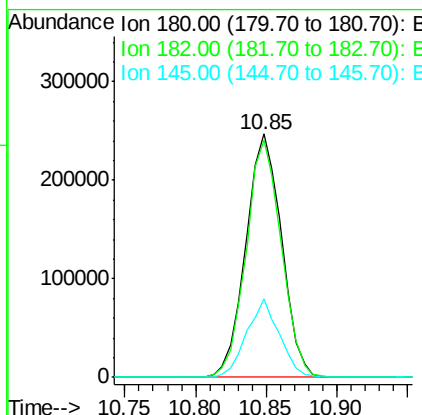
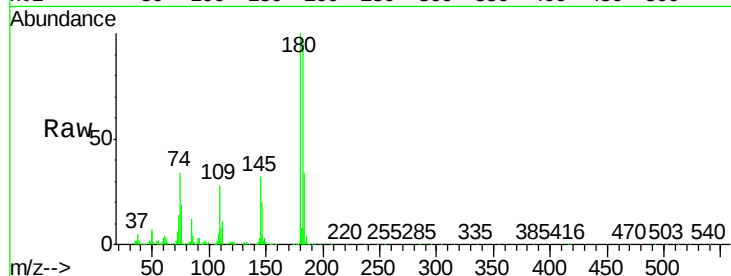




#30
1,2,4-Trichlorobenzene
Concen: 36.28 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

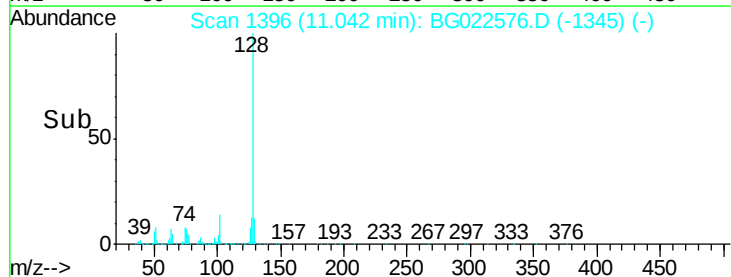
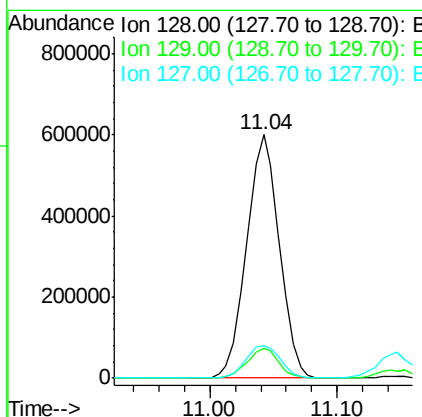
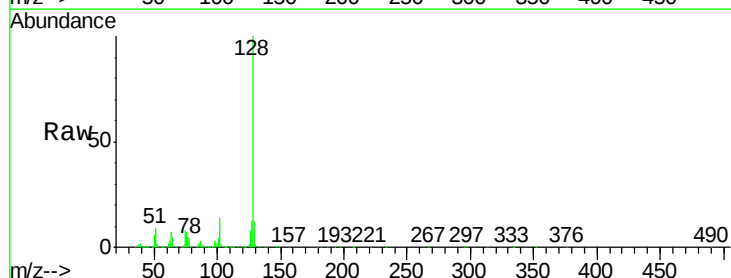
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

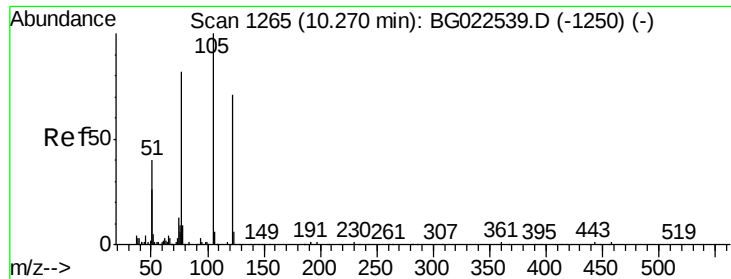
Tgt Ion:180 Resp: 438432
Ion Ratio Lower Upper
180 100
182 97.5 73.8 110.8
145 32.1 24.4 36.6



#31
Naphthalene
Concen: 36.68 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:128 Resp: 1071934
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.1 11.3 16.9





#32

Benzoic acid

Concen: 43.44 ng

RT: 10.26 min Scan# 1263

Delta R.T. 0.06 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

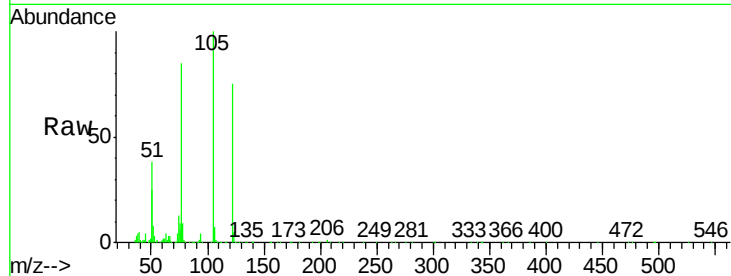
Tgt Ion:122 Resp: 292944

Ion Ratio Lower Upper

122 100

105 132.7 117.2 157.2

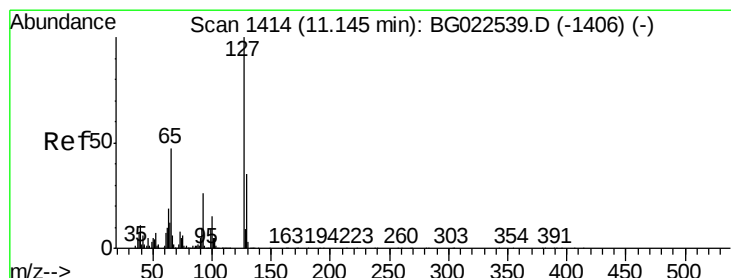
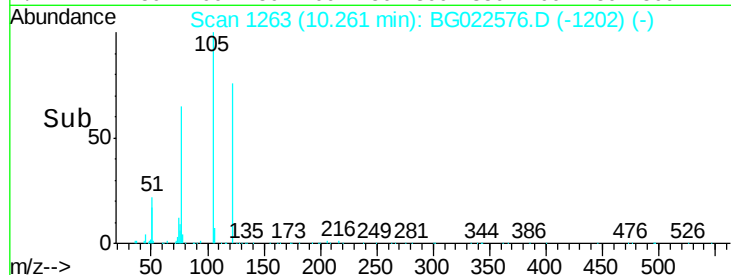
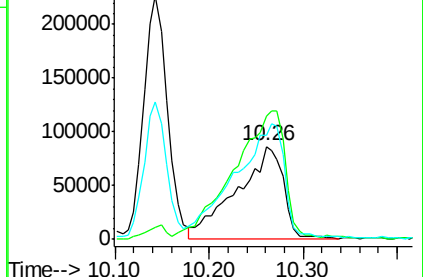
77 112.7 109.2 149.2



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): BGC



#33

4-Chloroaniline

Concen: 9.29 ng

RT: 11.15 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:127 Resp: 116879

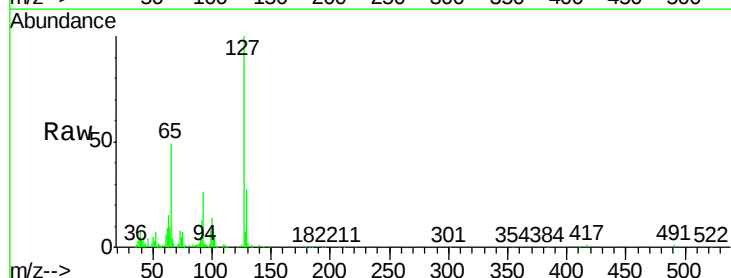
Ion Ratio Lower Upper

127 100

129 26.6 27.9 41.9#

65 49.1 36.8 55.2

92 26.4 21.0 31.6

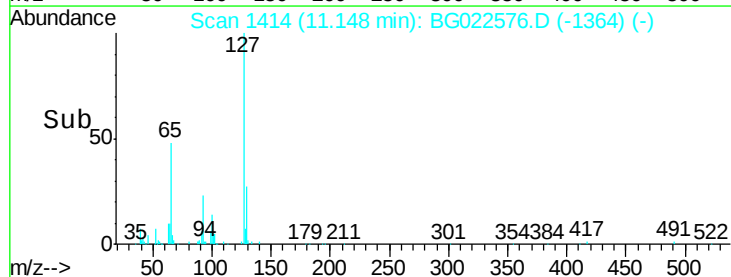
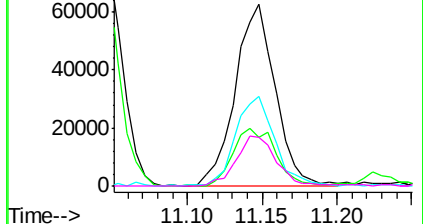


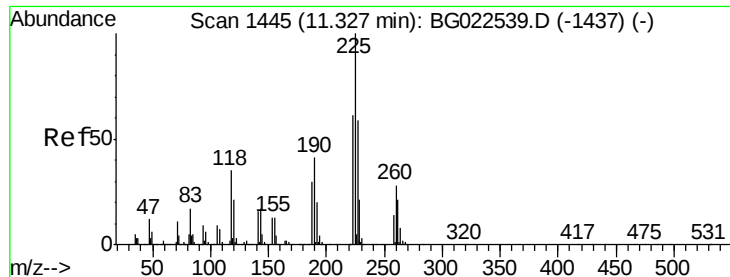
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

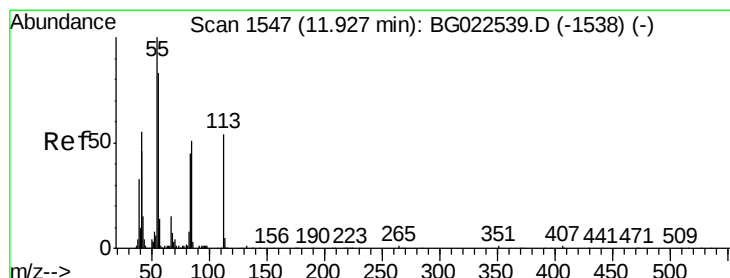
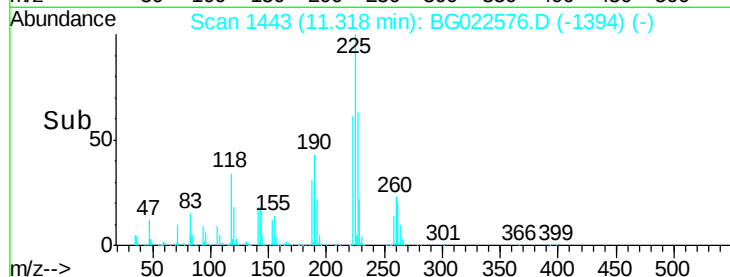
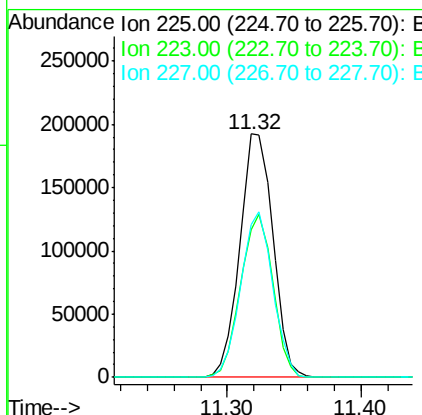
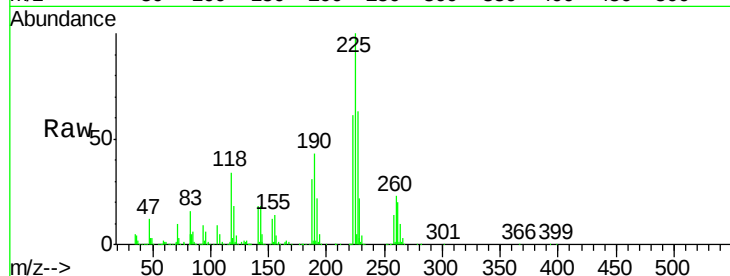




#34
Hexachlorobutadiene
Concen: 35.13 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

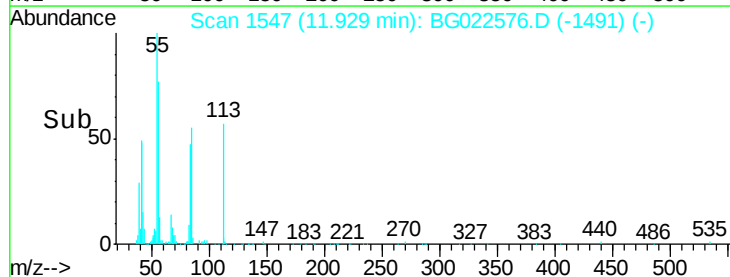
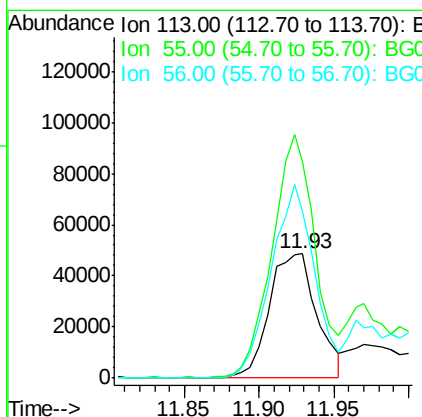
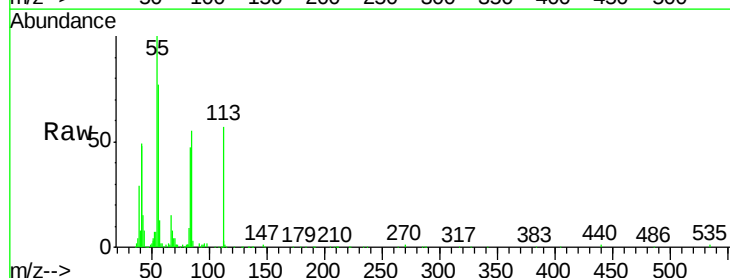
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

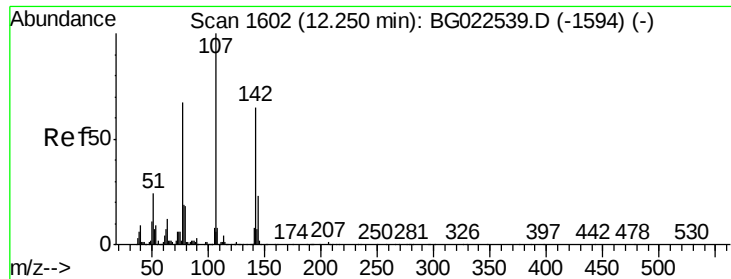
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.6	74.4
227	62.6	54.5	81.7



#35
Caprolactam
Concen: 33.65 ng
RT: 11.93 min Scan# 1547
Delta R.T. 0.03 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.3	154.5	194.5
56	134.1	125.1	165.1

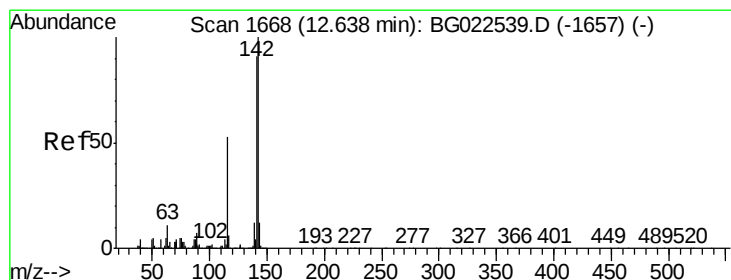
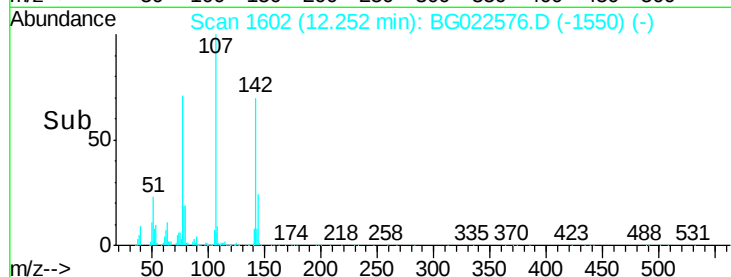
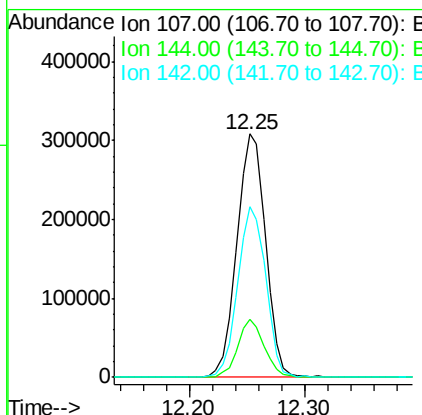
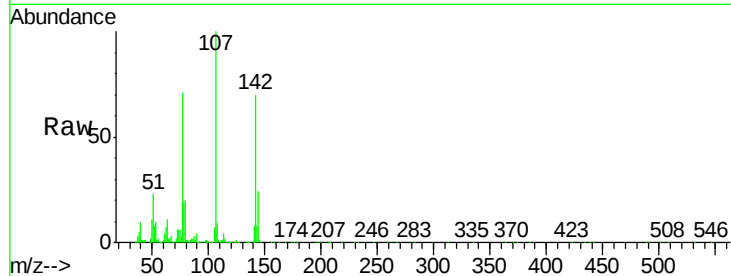




#36
 4-Chloro-3-methylphenol
 Concen: 42.59 ng
 RT: 12.25 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

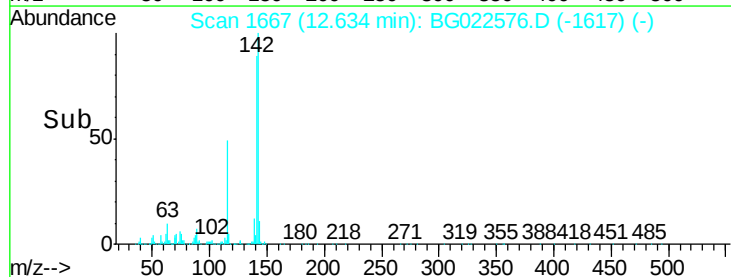
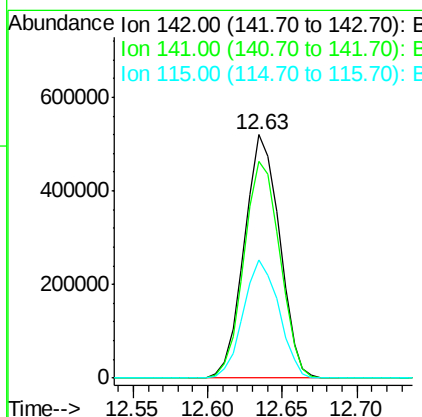
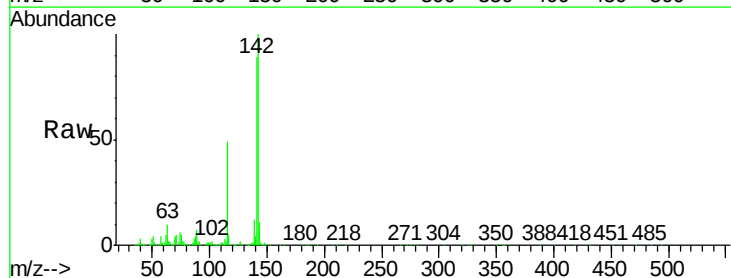
Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

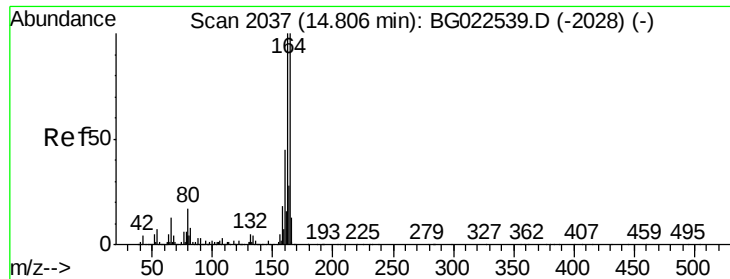
Tgt Ion:107 Resp: 532155
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.0 25.6
 142 70.0 53.0 79.6



#37
 2-Methylnaphthalene
 Concen: 37.48 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion:142 Resp: 849250
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.2 105.2
 115 48.6 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

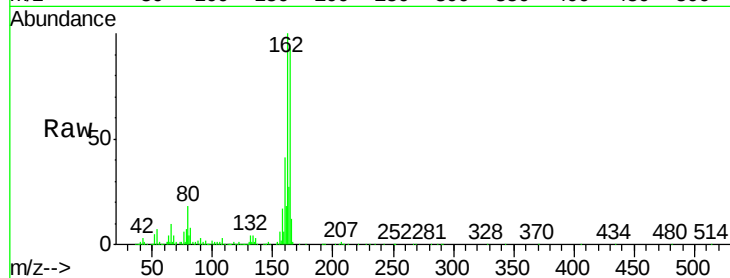
Tgt Ion:164 Resp: 424318

Ion Ratio Lower Upper

164 100

162 107.8 87.7 131.5

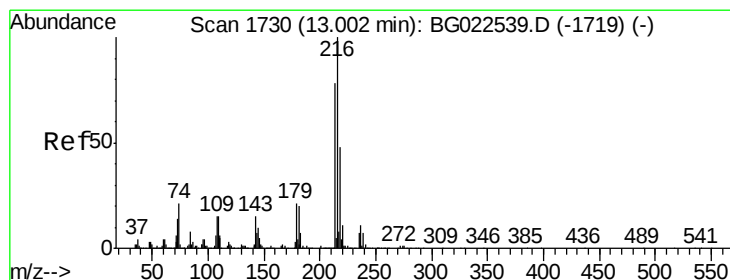
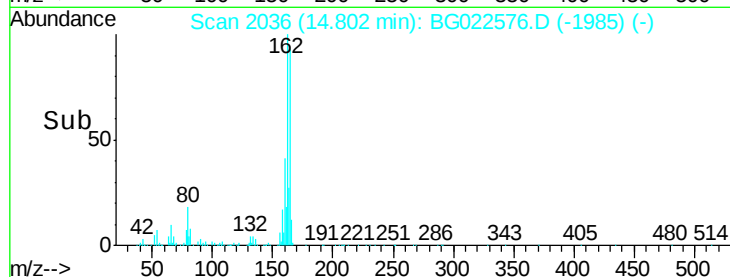
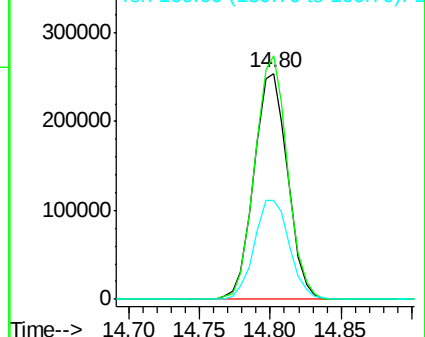
160 43.8 37.2 55.8



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: 35.65 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:216 Resp: 571135

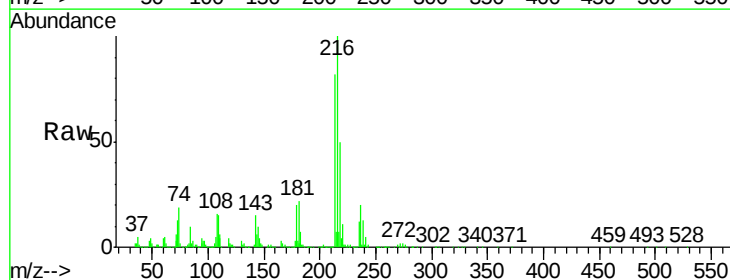
Ion Ratio Lower Upper

216 100

214 78.5 62.9 94.3

179 20.0 17.2 25.8

108 20.7 16.3 24.5

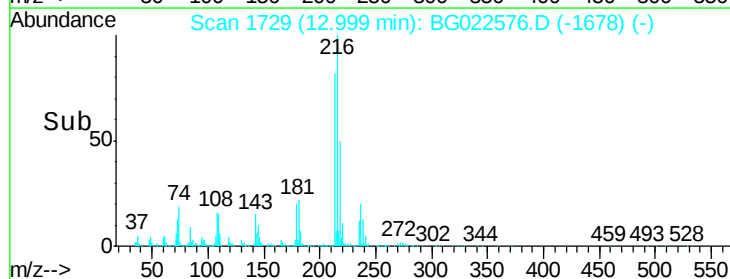
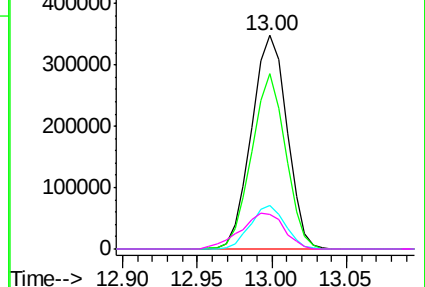


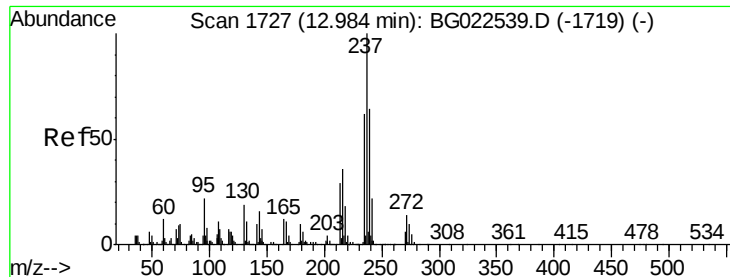
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 64.95 ng

RT: 12.98 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

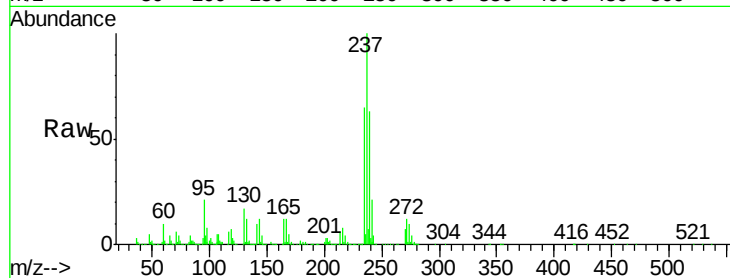
Tgt Ion: 237 Resp: 830588

Ion Ratio Lower Upper

237 100

235 64.9 43.1 83.1

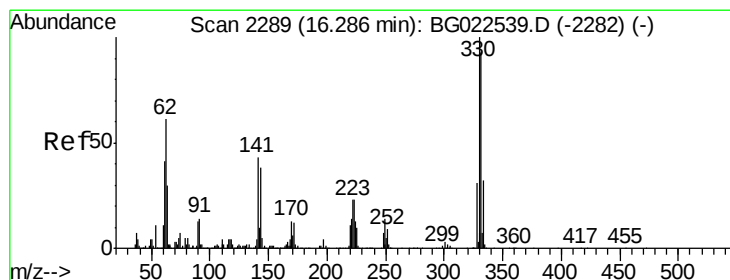
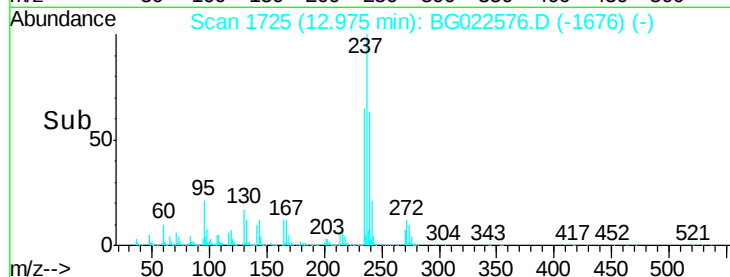
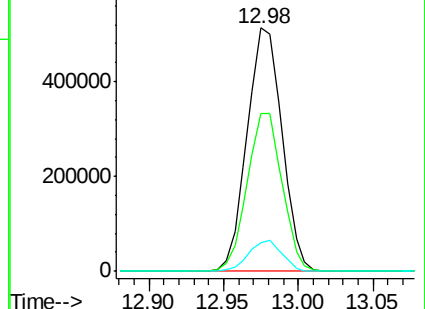
272 11.9 0.0 30.9



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: 81.58 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

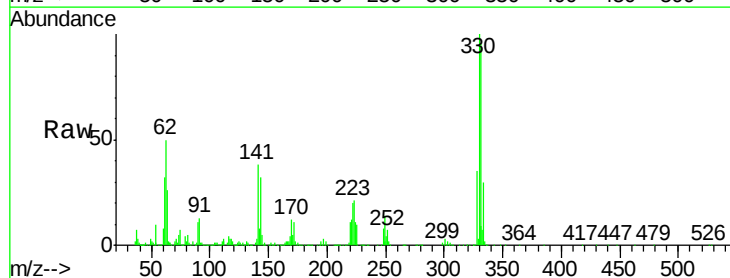
Tgt Ion: 330 Resp: 544455

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

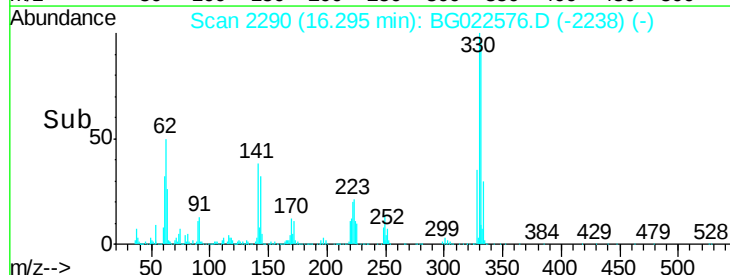
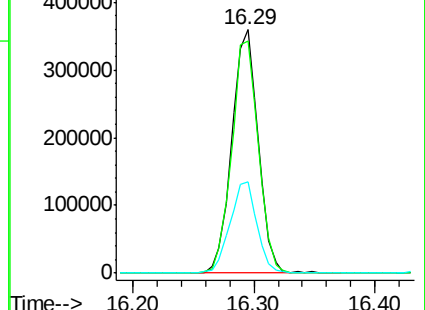
141 38.5 31.7 47.5

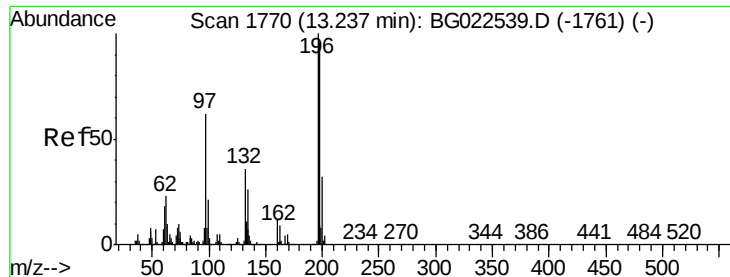


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

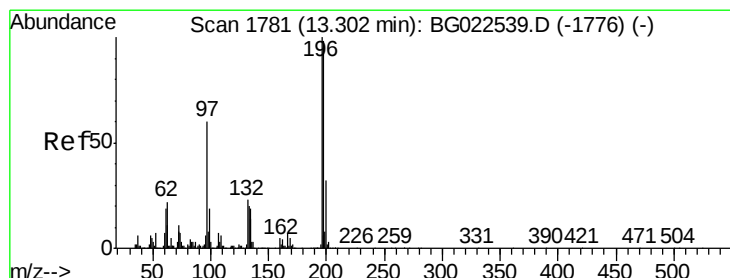
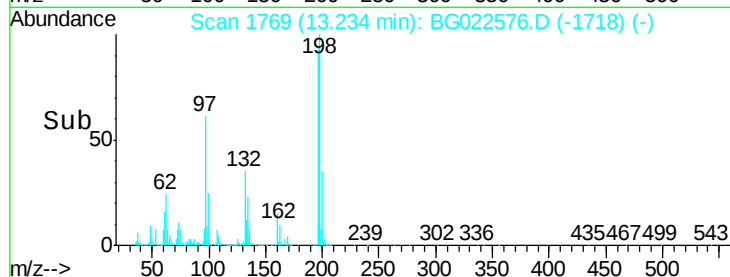
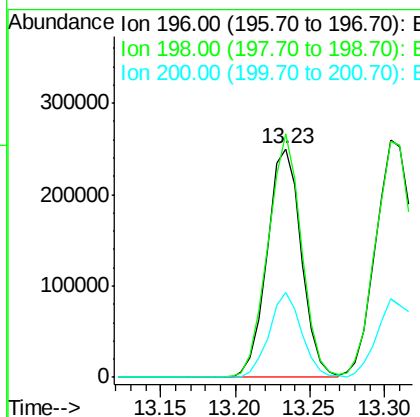
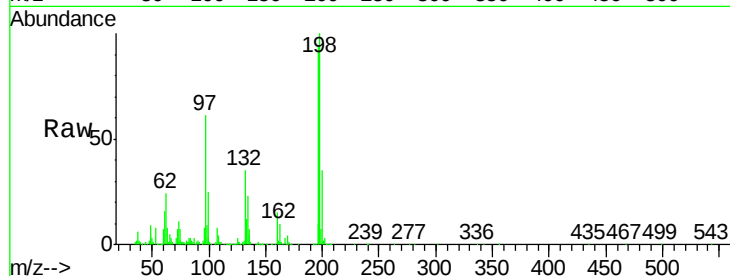




#42
 2,4,6-Trichlorophenol
 Concen: 38.76 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

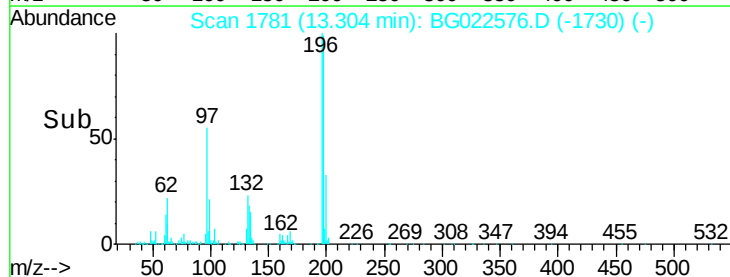
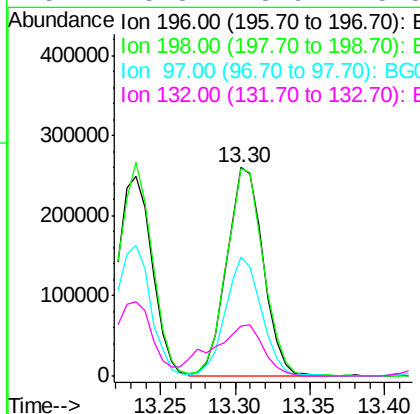
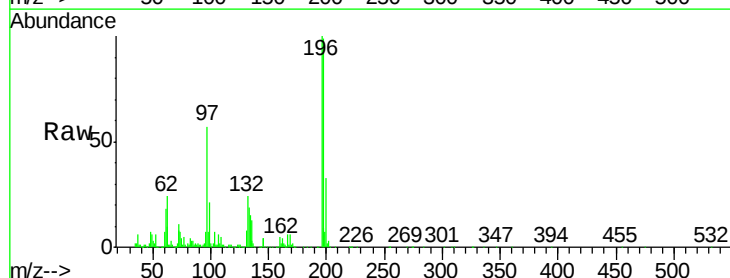
Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

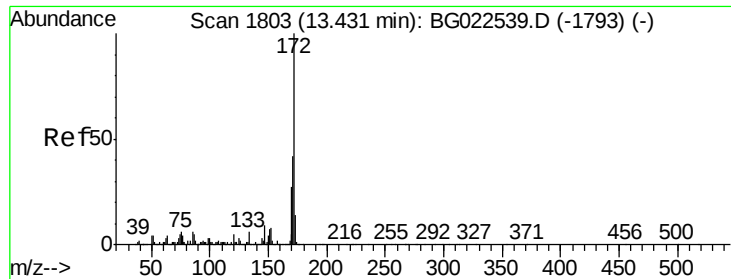
Tgt Ion	Resp	Lower	Upper
196	100		
198	106.7	78.2	117.2
200	37.3	27.0	40.4



#43
 2,4,5-Trichlorophenol
 Concen: 41.21 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion	Resp	Lower	Upper
196	100		
198	99.5	85.7	128.5
97	57.4	45.5	68.3
132	23.8	18.9	28.3

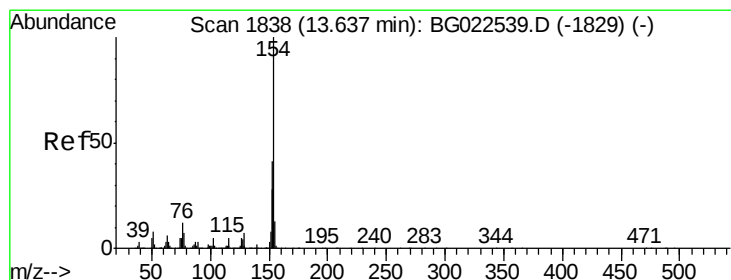
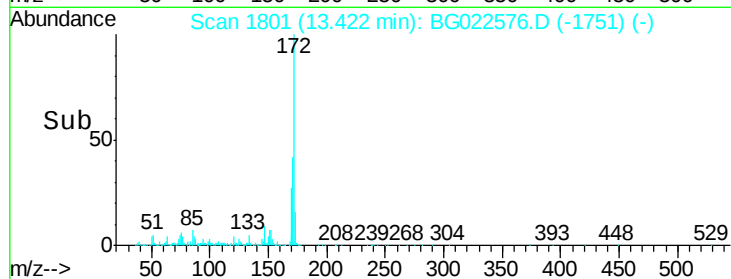
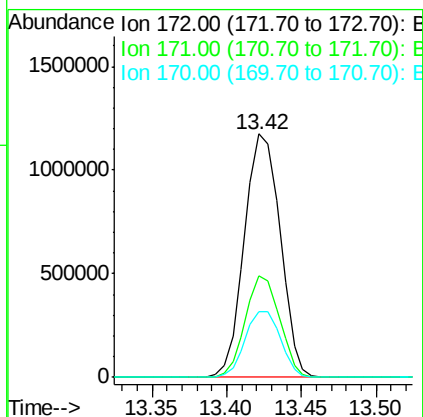
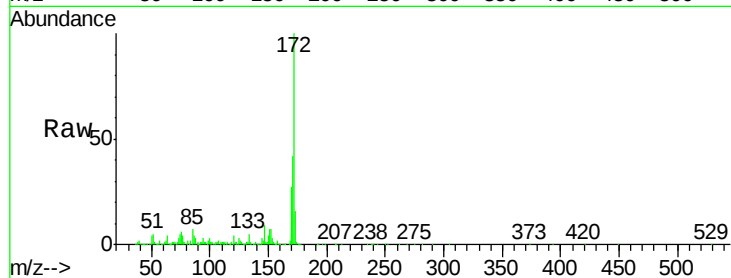




#44
2-Fluorobiphenyl
Concen: 73.09 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

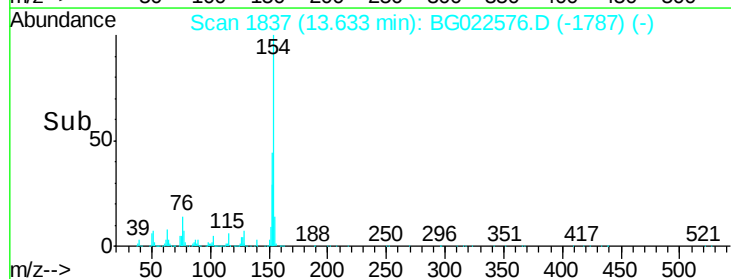
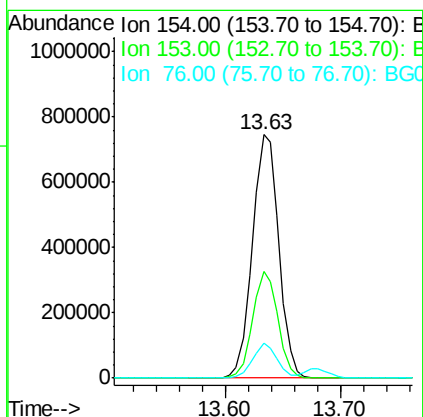
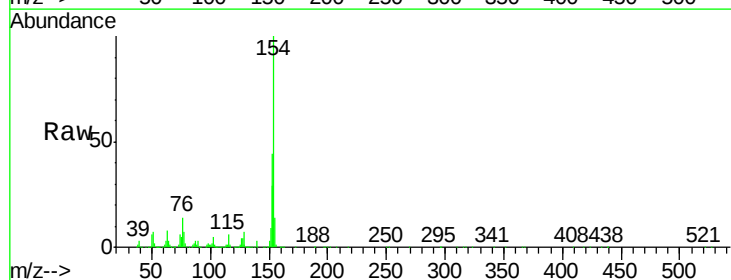
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

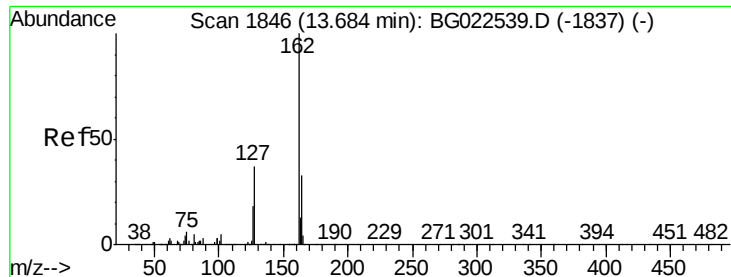
Tgt Ion:172 Resp: 1955499
Ion Ratio Lower Upper
172 100
171 41.5 31.6 47.4
170 27.1 21.3 31.9



#45
1,1'-Biphenyl
Concen: 36.66 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:154 Resp: 1184892
Ion Ratio Lower Upper
154 100
153 43.8 20.2 60.2
76 14.3 0.0 32.9

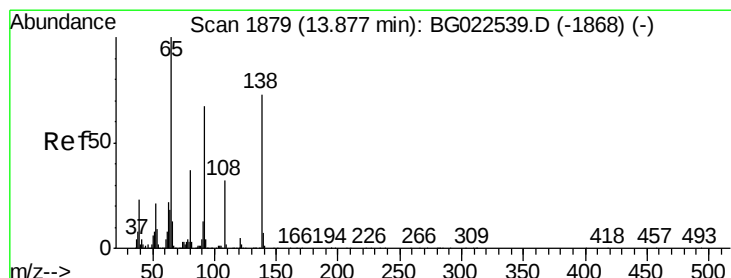
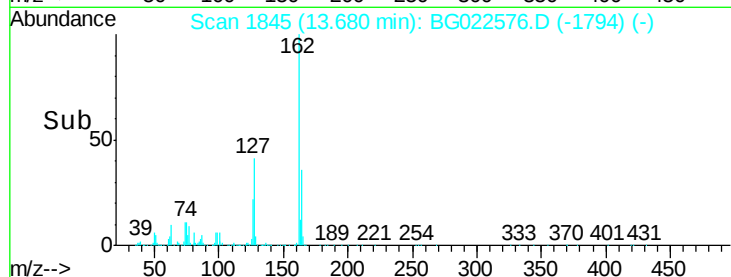
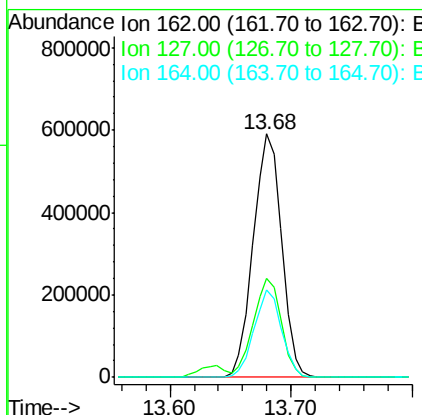
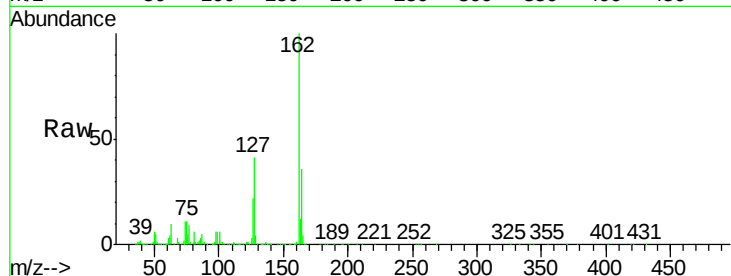




#46
2-Chloronaphthalene
Concen: 36.43 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

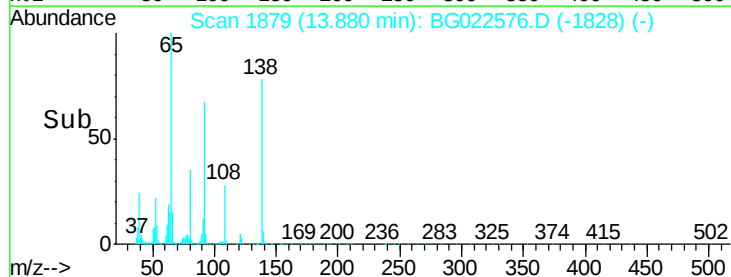
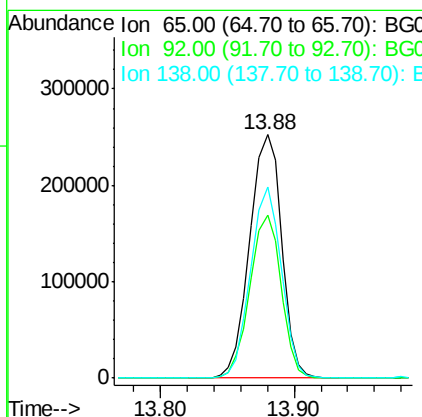
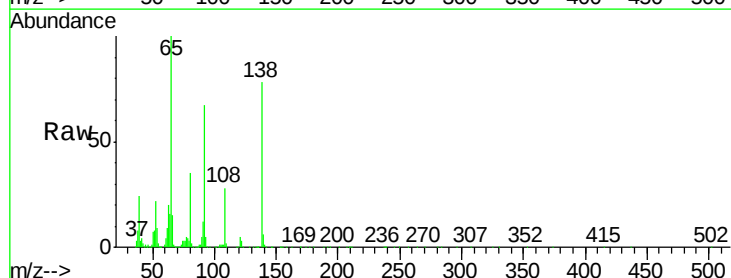
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

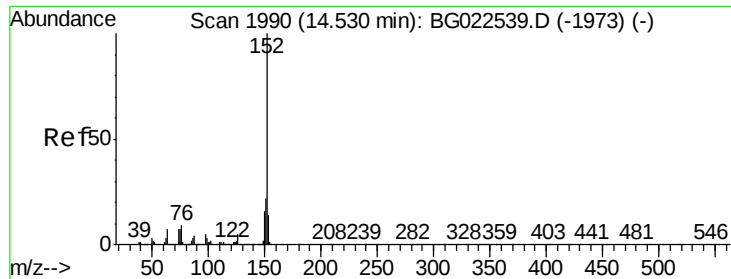
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.4	48.6
164	36.2	25.2	37.8



#47
2-Nitroaniline
Concen: 40.66 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	49.4	74.0
138	78.5	58.0	87.0





#48

Acenaphthylene

Concen: 37.98 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

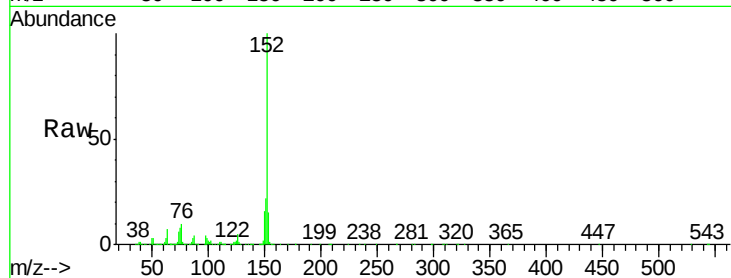
Tgt Ion:152 Resp: 1465282

Ion Ratio Lower Upper

152 100

151 22.3 17.6 26.4

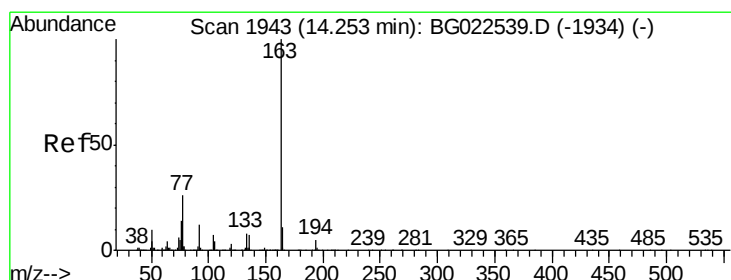
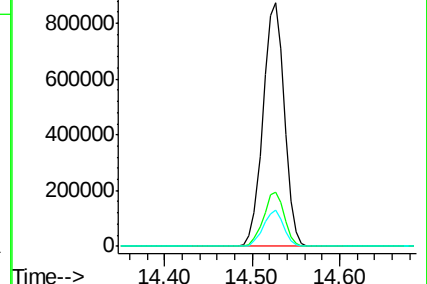
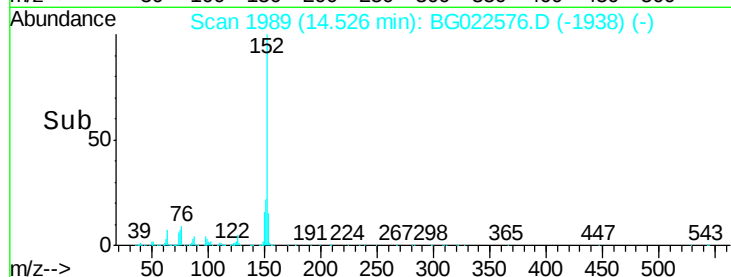
153 14.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.14 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

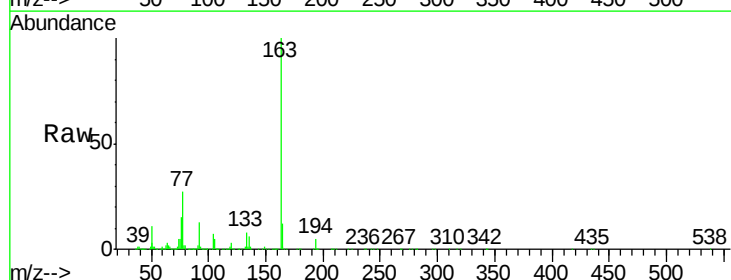
Tgt Ion:163 Resp: 1342578

Ion Ratio Lower Upper

163 100

194 5.2 3.6 5.4

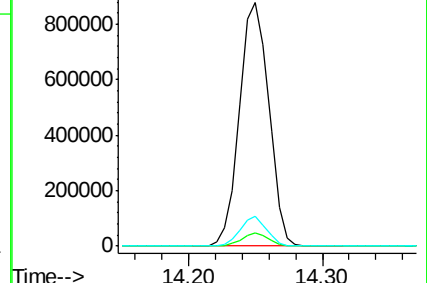
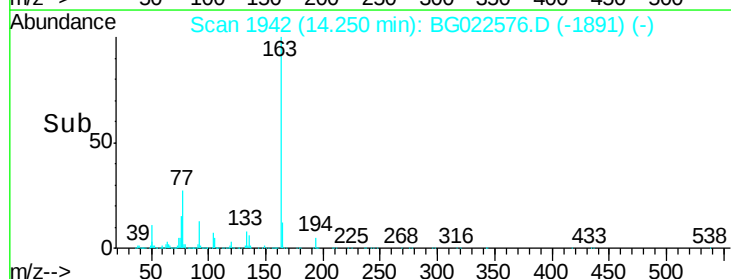
164 12.4 8.1 12.1#

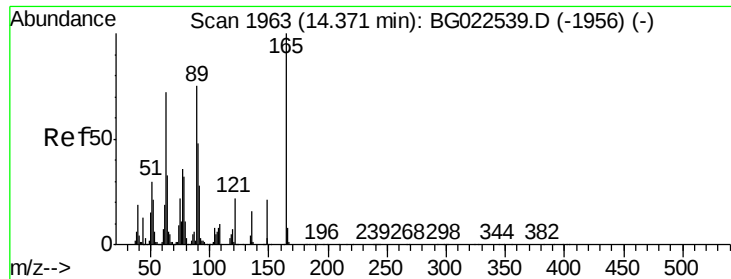


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

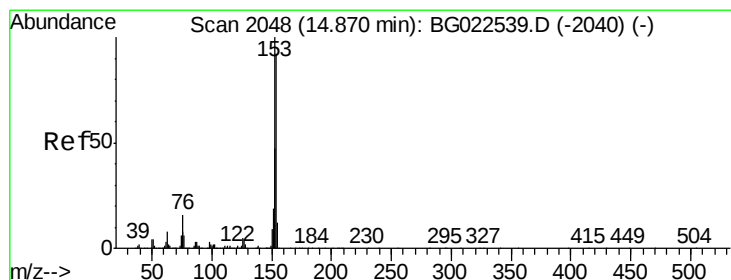
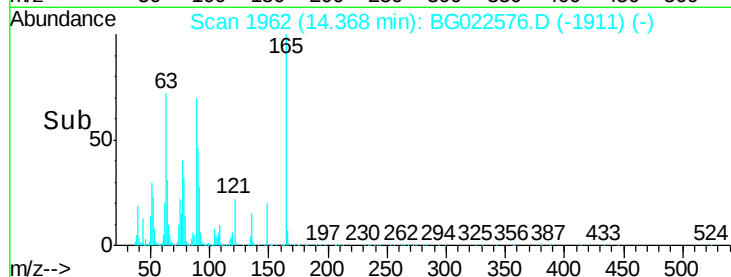
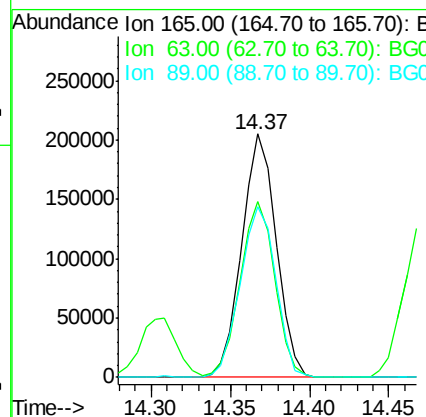
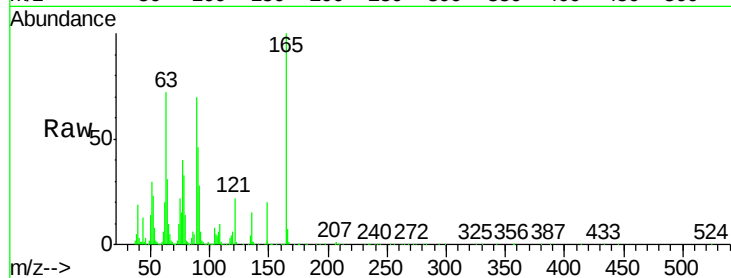




#50
2,6-Dinitrotoluene
Concen: 40.40 ng
RT: 14.37 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

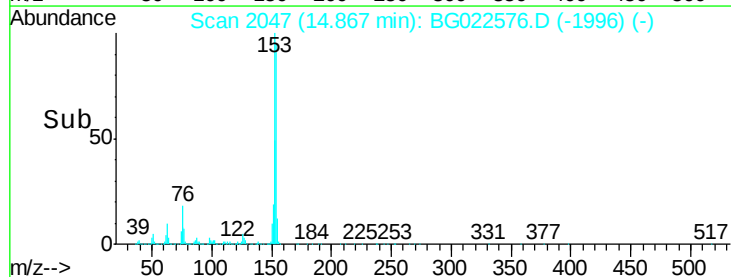
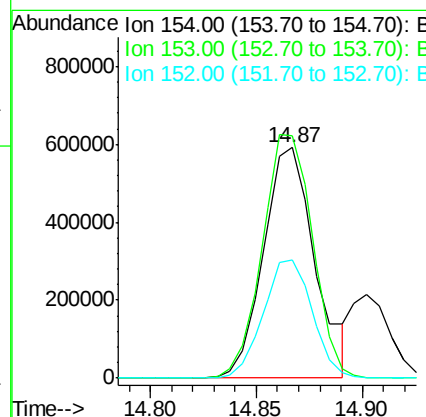
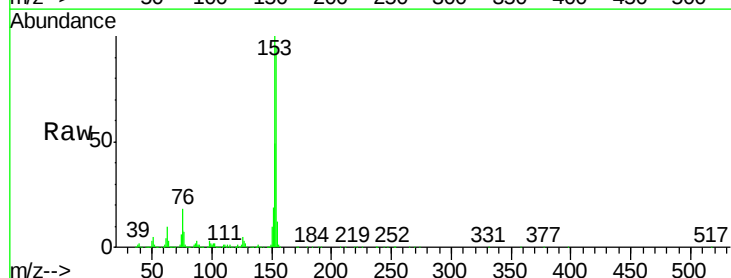
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

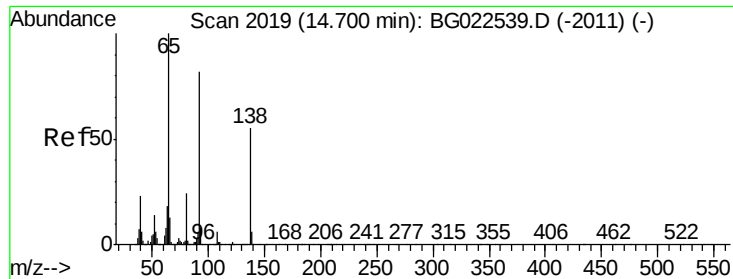
Tgt Ion:165 Resp: 309004
Ion Ratio Lower Upper
165 100
63 72.3 64.3 96.5
89 70.2 64.3 96.5



#51
Acenaphthene
Concen: 35.26 ng
RT: 14.87 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:154 Resp: 1001987
Ion Ratio Lower Upper
154 100
153 105.5 87.5 131.3
152 51.4 42.7 64.1

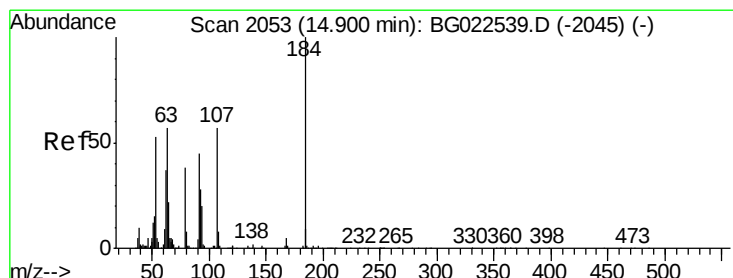
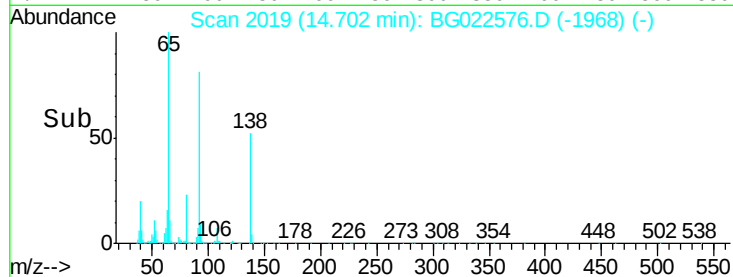
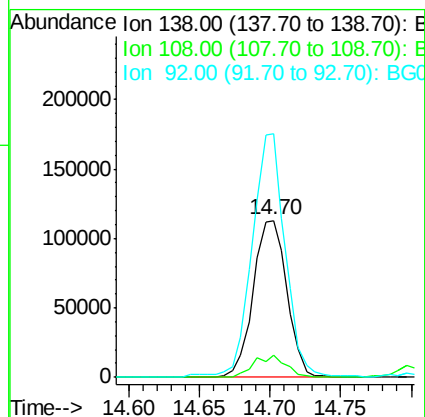
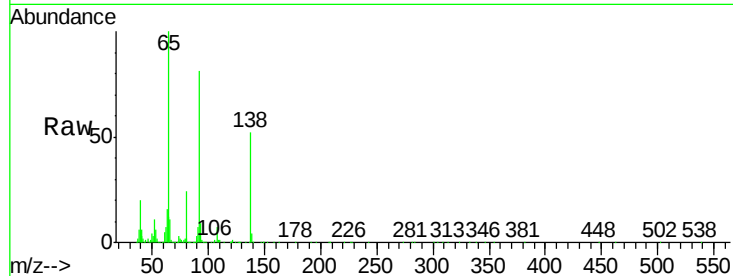




#52
 3-Nitroaniline
 Concen: 26.48 ng
 RT: 14.70 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

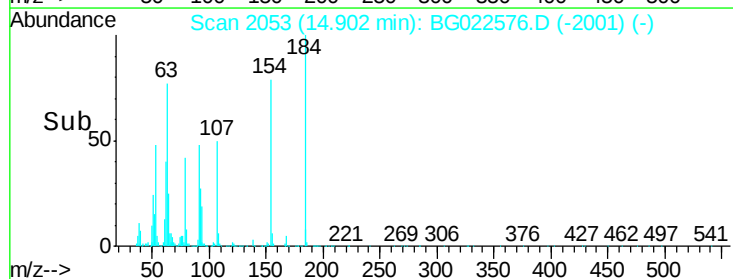
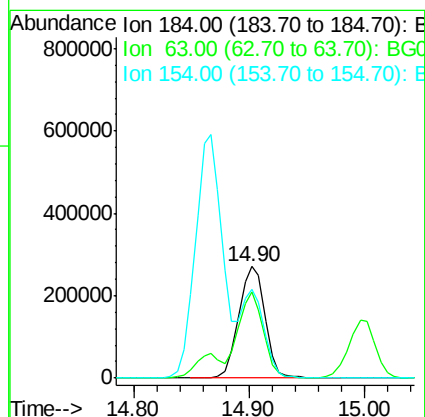
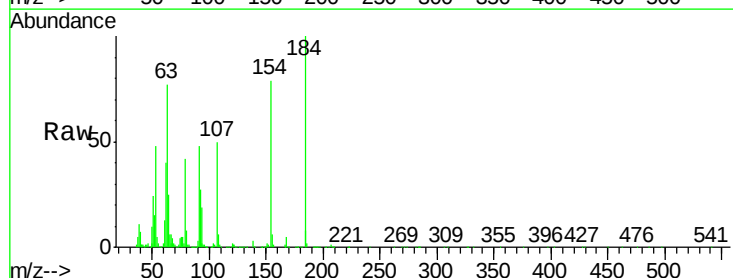
Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

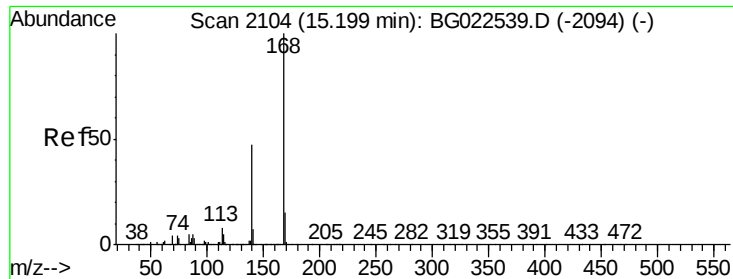
Tgt Ion:138 Resp: 189503
 Ion Ratio Lower Upper
 138 100
 108 14.1 11.7 17.5
 92 155.5 129.7 194.5



#53
 2,4-Dinitrophenol
 Concen: 90.39 ng
 RT: 14.90 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion:184 Resp: 425830
 Ion Ratio Lower Upper
 184 100
 63 77.1 59.6 89.4
 154 79.3 67.4 101.0





#54

Dibenzenofuran

Concen: 37.96 ng

RT: 15.20 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

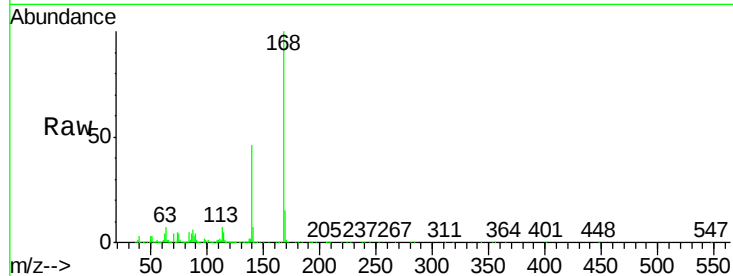
Tgt Ion:168 Resp: 1562485

Ion Ratio Lower Upper

168 100

139 46.2 36.4 54.6

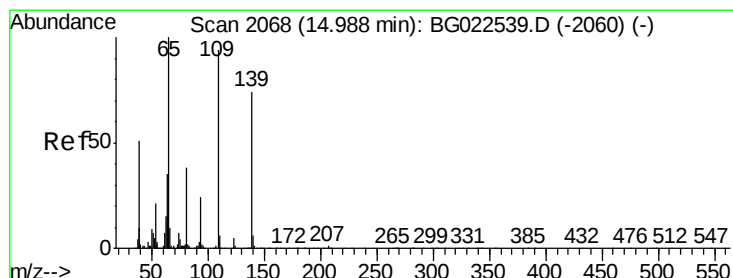
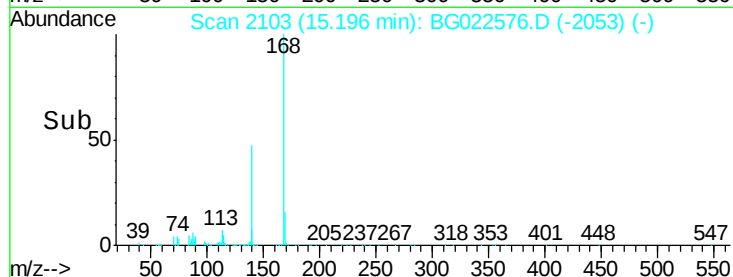
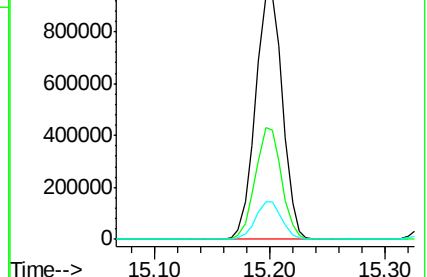
169 15.4 11.9 17.9



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: 87.99 ng

RT: 15.00 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

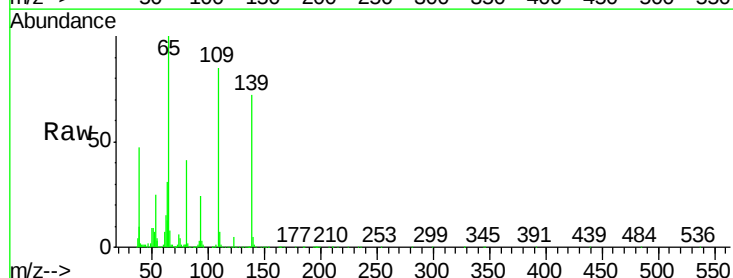
Tgt Ion:139 Resp: 532489

Ion Ratio Lower Upper

139 100

109 118.3 103.0 143.0

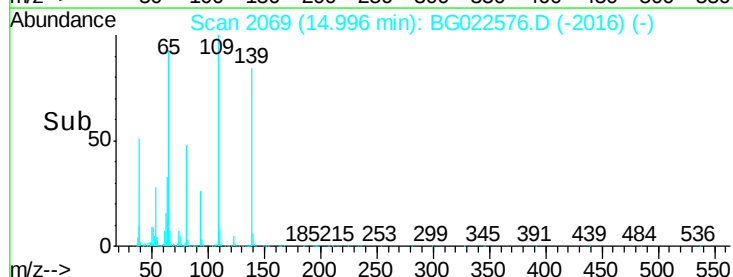
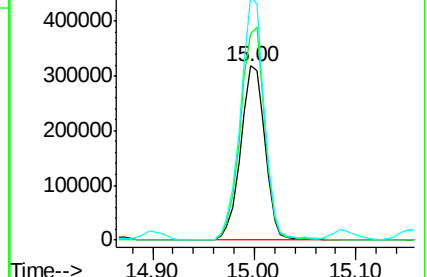
65 139.6 112.7 152.7

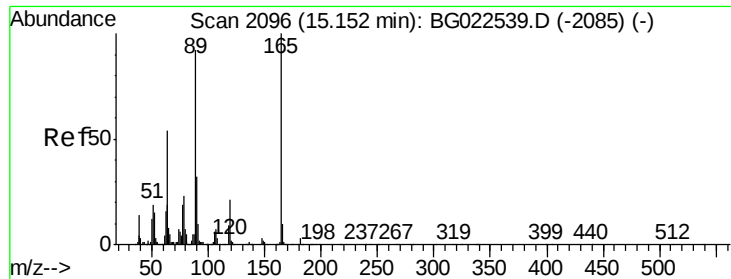


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

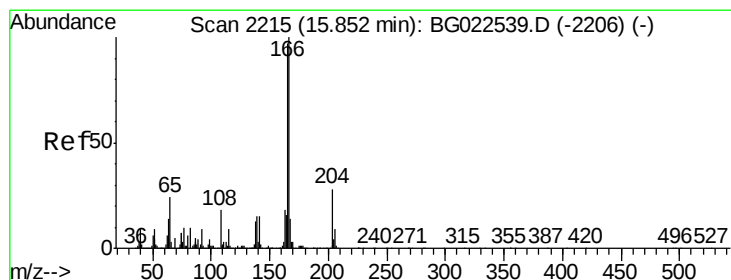
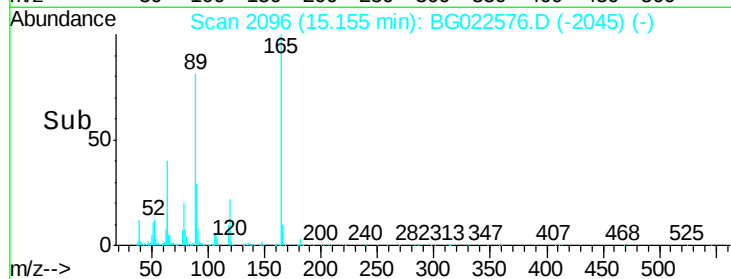
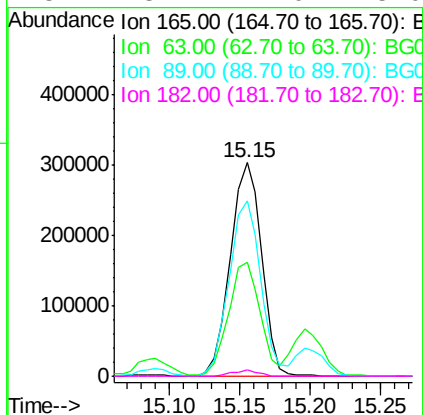
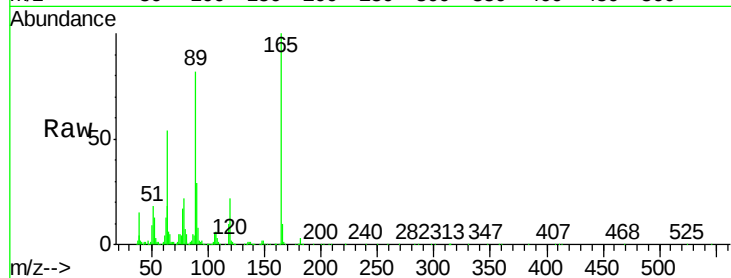




#56
2,4-Dinitrotoluene
Concen: 44.03 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

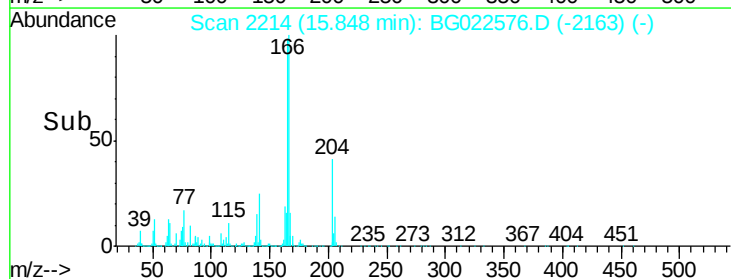
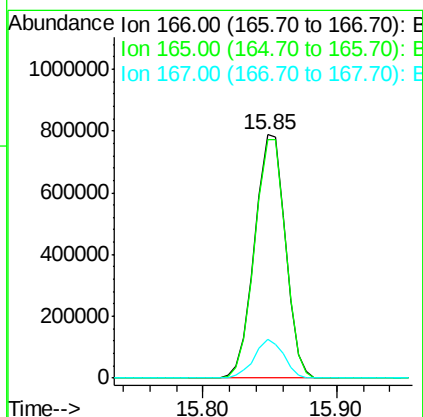
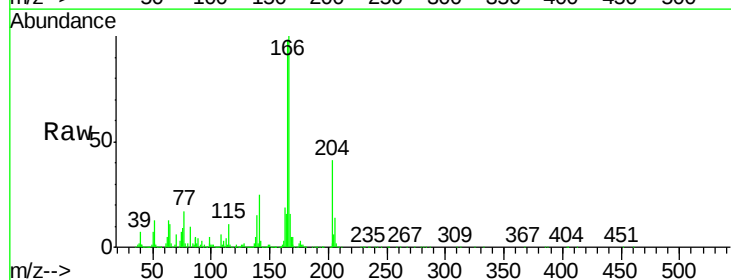
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

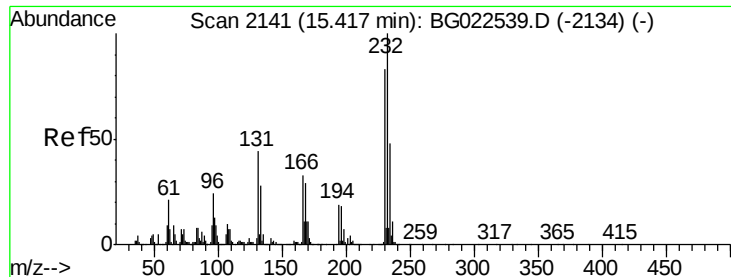
Tgt Ion:165 Resp: 466513
Ion Ratio Lower Upper
165 100
63 53.5 45.8 68.6
89 82.4 68.6 102.8
182 3.2 2.0 3.0#



#57
Fluorene
Concen: 38.08 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:166 Resp: 1250695
Ion Ratio Lower Upper
166 100
165 97.7 81.0 121.6
167 16.0 12.0 18.0

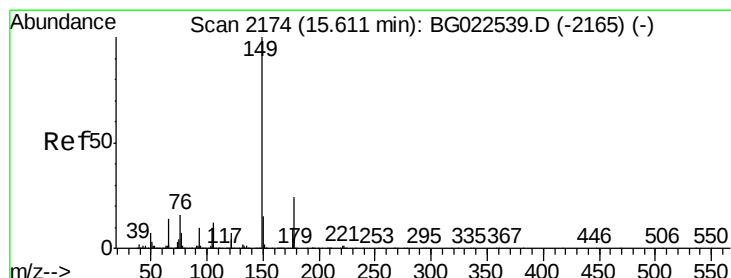
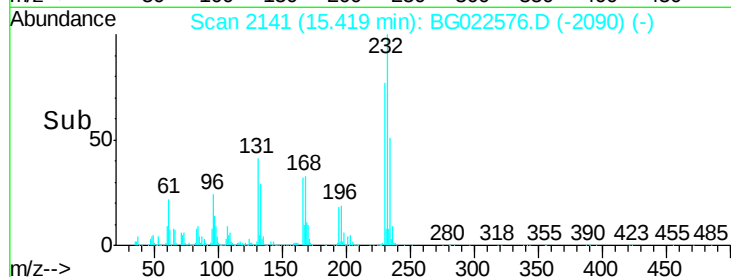
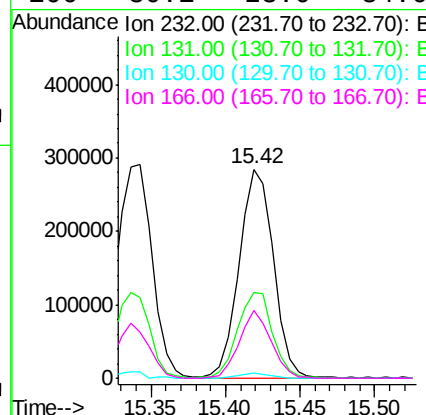
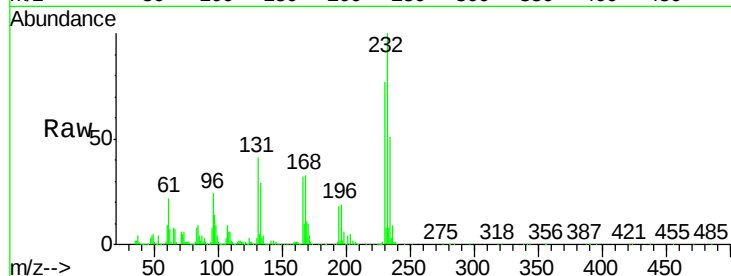




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.52 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

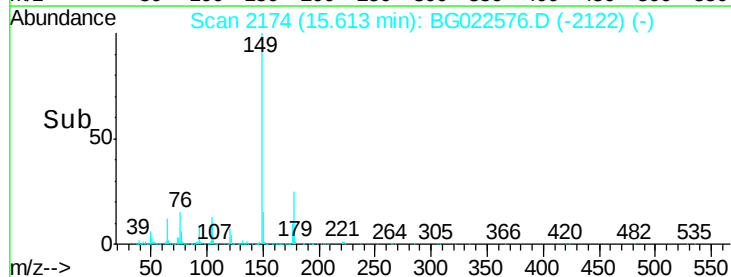
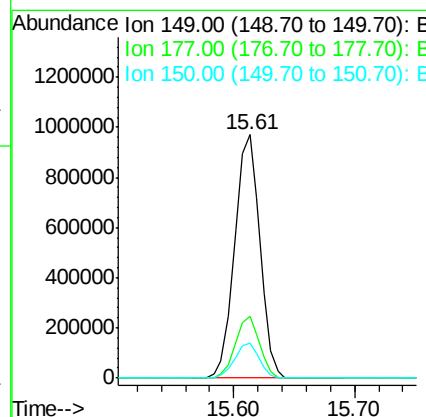
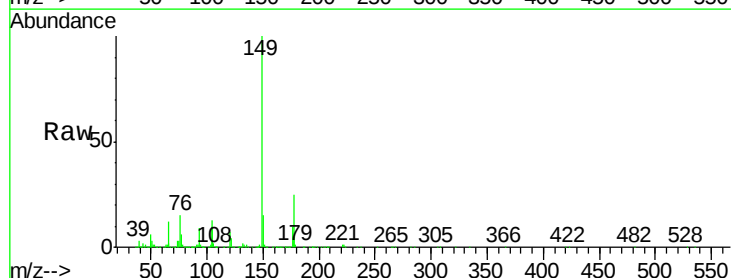
Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

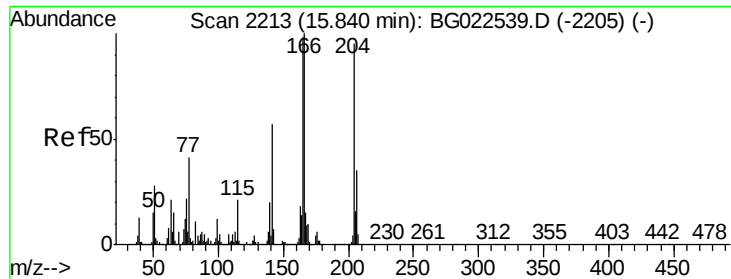
Tgt Ion:232 Resp: 451580
 Ion Ratio Lower Upper
 232 100
 131 42.2 32.7 49.1
 130 2.4 2.6 3.8#
 166 30.1 23.0 34.6



#59
 Diethylphthalate
 Concen: 38.95 ng
 RT: 15.61 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion:149 Resp: 1409398
 Ion Ratio Lower Upper
 149 100
 177 25.4 19.2 28.8
 150 14.5 10.6 16.0

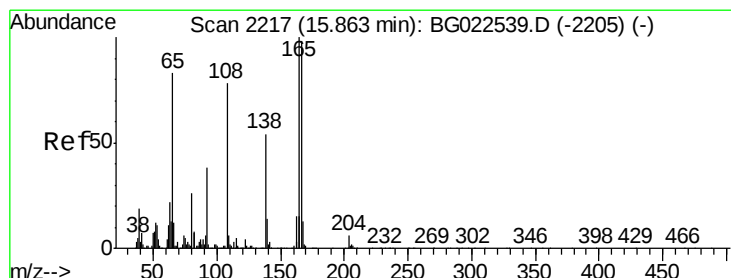
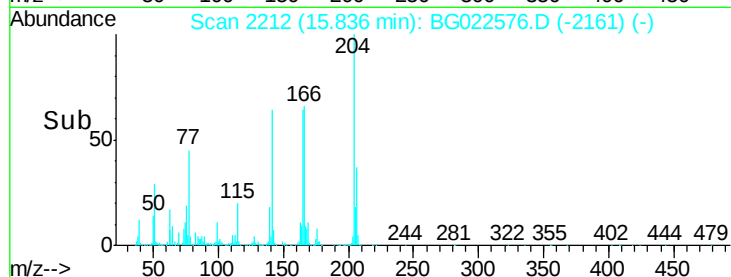
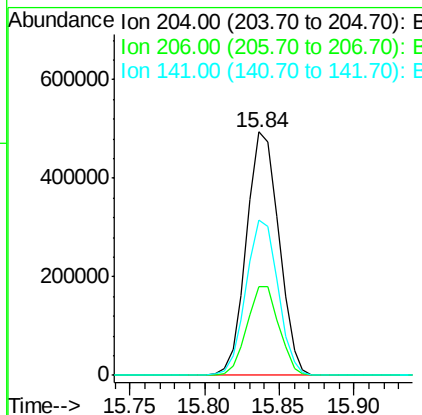
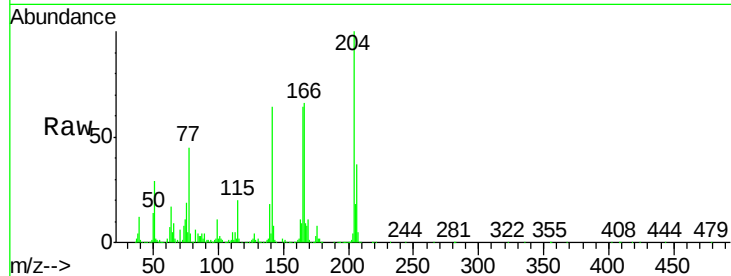




#60
 4-Chlorophenyl-phenylether
 Concen: 37.84 ng
 RT: 15.84 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

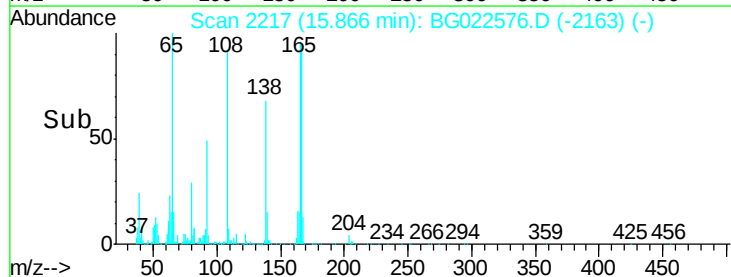
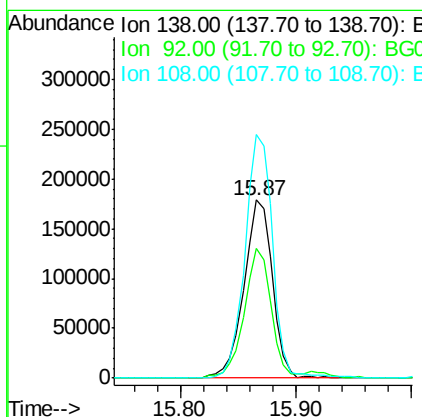
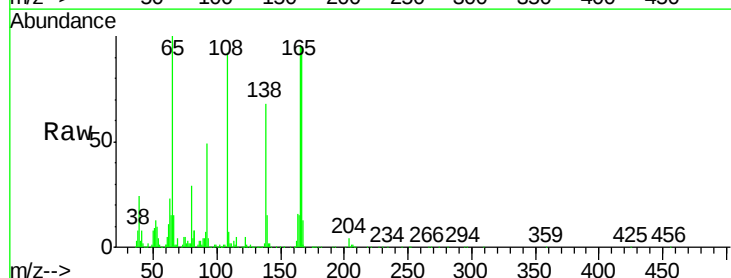
Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

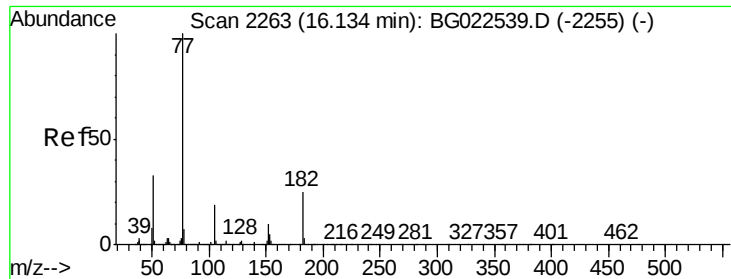
Tgt Ion:204 Resp: 740031
 Ion Ratio Lower Upper
 204 100
 206 36.7 28.5 42.7
 141 63.9 51.4 77.0



#61
 4-Nitroaniline
 Concen: 41.49 ng
 RT: 15.87 min Scan# 2217
 Delta R.T. 0.02 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion:138 Resp: 306366
 Ion Ratio Lower Upper
 138 100
 92 72.5 54.1 94.1
 108 136.6 133.9 173.9





#62

Azobenzene

Concen: 36.95 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

Tgt Ion: 77 Resp: 1448214

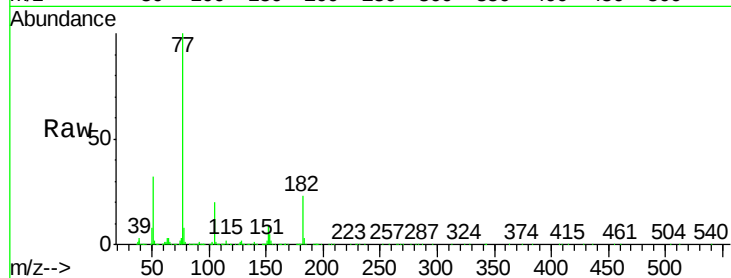
Ion Ratio Lower Upper

77 100

182 23.4 3.5 43.5

105 20.0 0.0 38.5

51 32.2 17.1 57.1

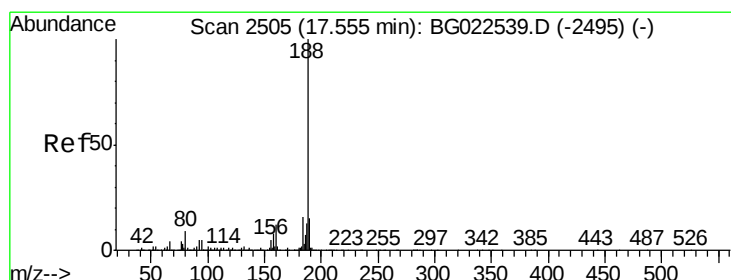
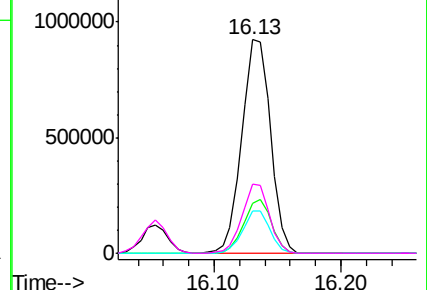
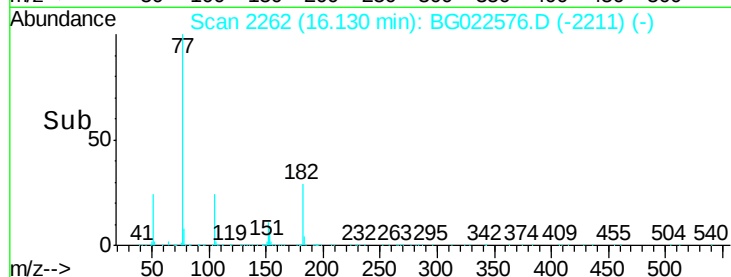


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

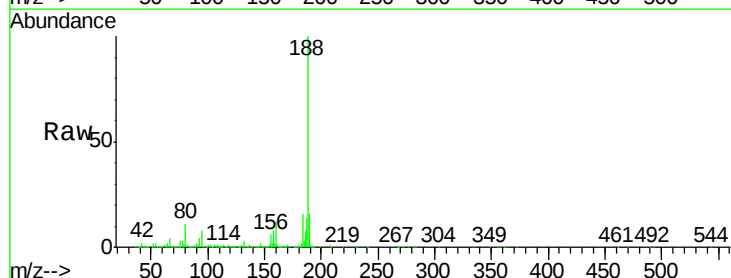
Tgt Ion: 188 Resp: 1105212

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

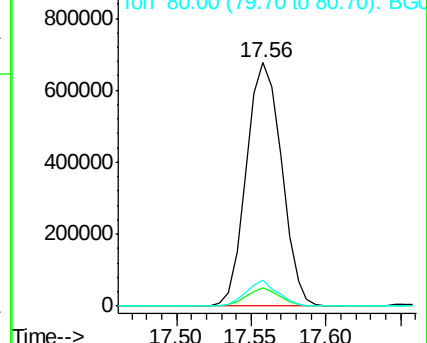
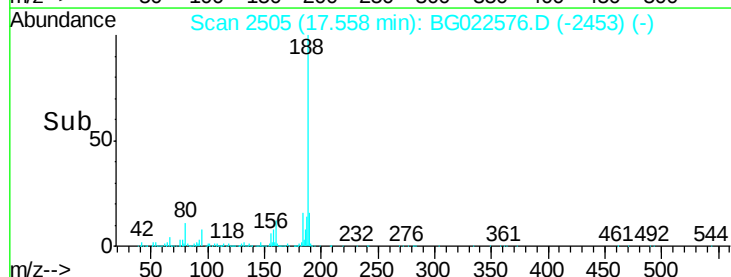
80 10.7 7.2 10.8

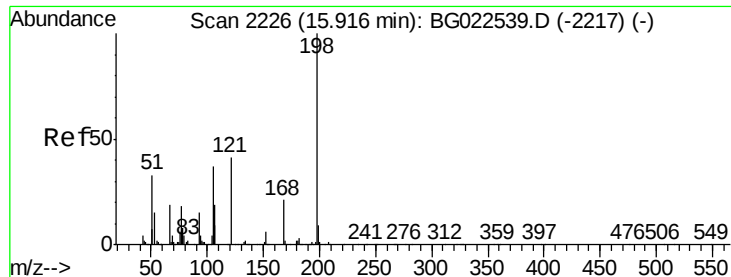


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 41.04 ng

RT: 15.92 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

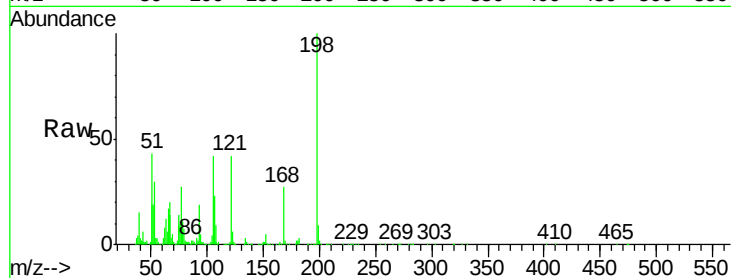
Tgt Ion:198 Resp: 304223

Ion Ratio Lower Upper

198 100

51 43.4 26.0 66.0

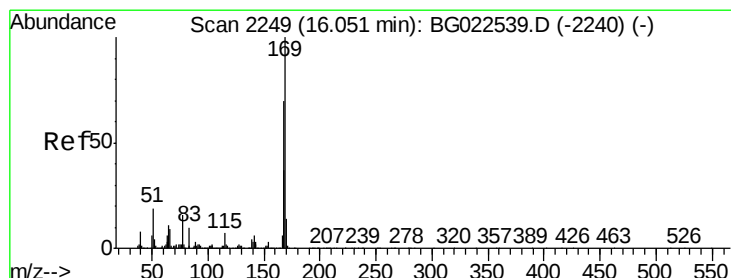
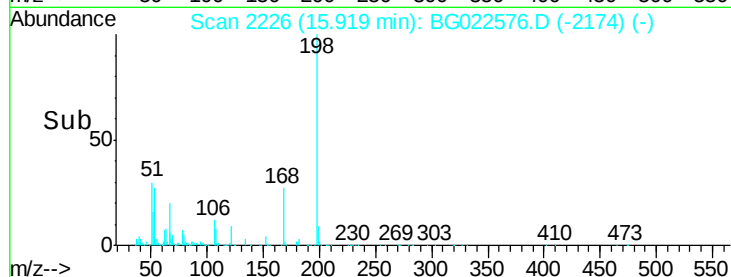
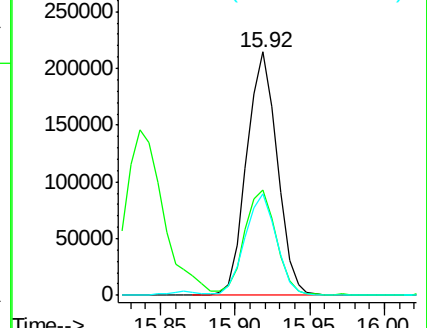
105 41.8 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.65 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

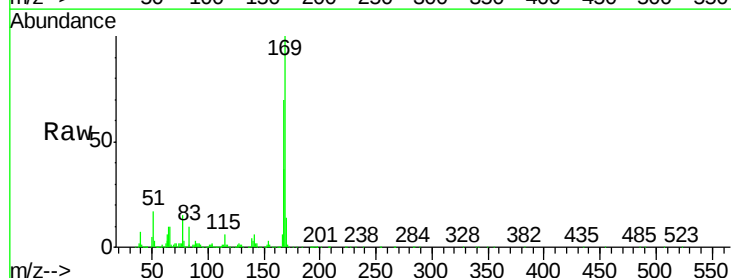
Tgt Ion:169 Resp: 1211034

Ion Ratio Lower Upper

169 100

168 69.7 55.0 82.4

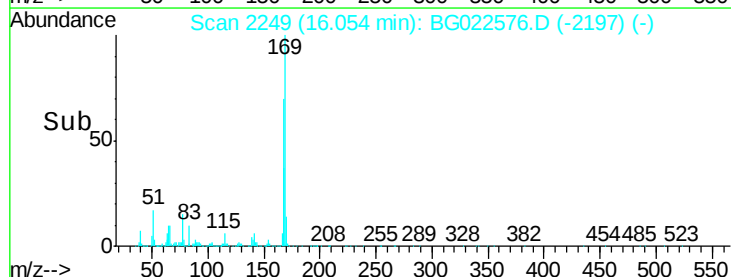
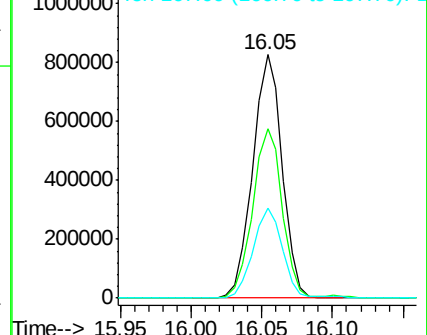
167 37.1 27.4 41.0

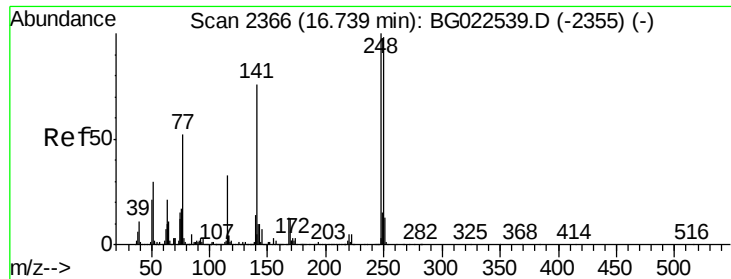


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

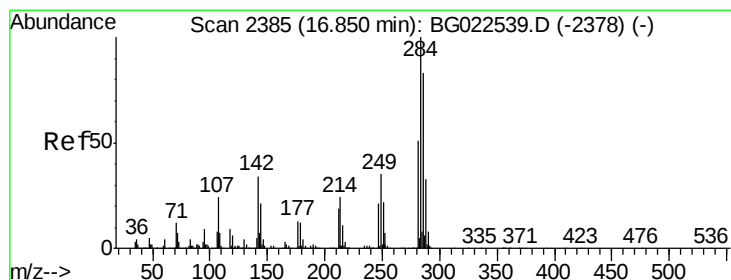
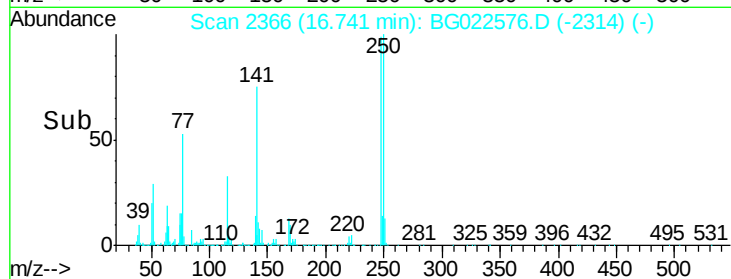
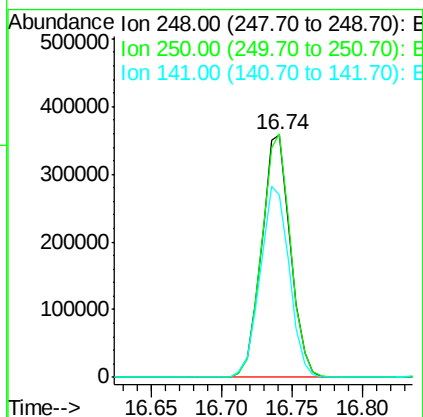
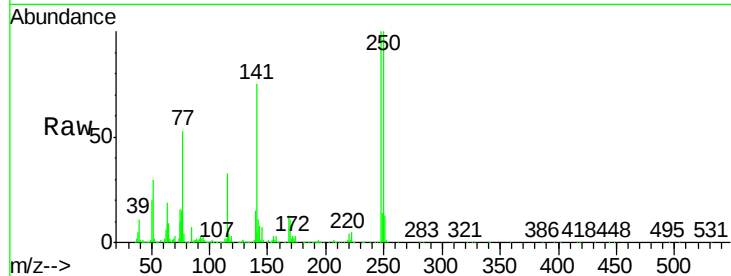




#66
 4-Bromophenyl-phenylether
 Concen: 35.88 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

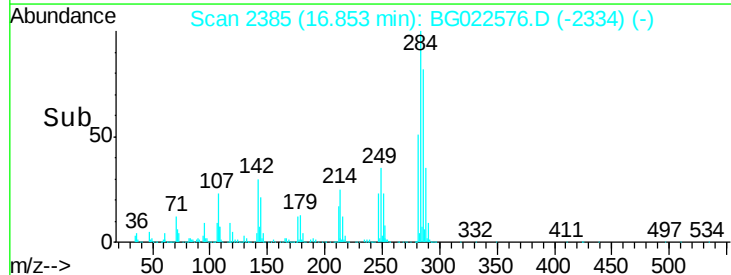
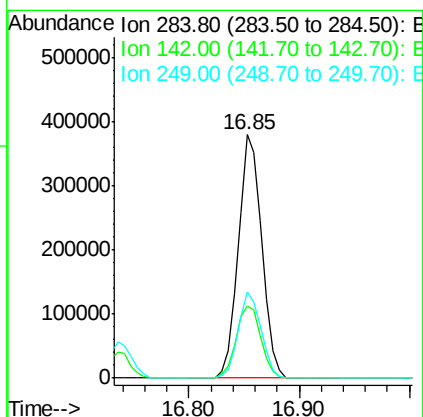
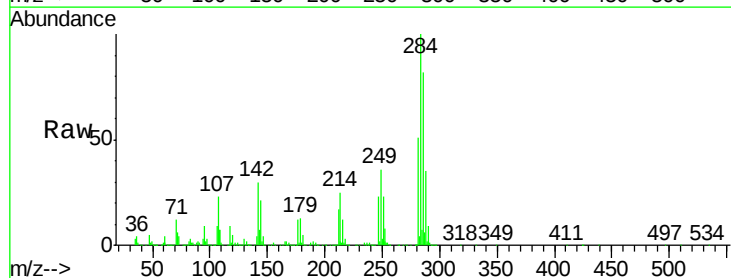
Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

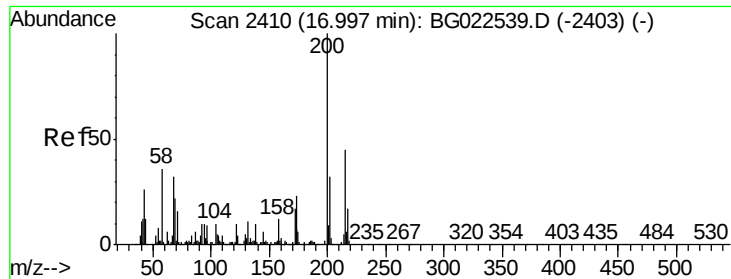
Tgt Ion:248 Resp: 514462
 Ion Ratio Lower Upper
 248 100
 250 100.5 77.8 116.8
 141 75.3 65.7 98.5



#67
 Hexachlorobenzene
 Concen: 37.25 ng
 RT: 16.85 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion:284 Resp: 564709
 Ion Ratio Lower Upper
 284 100
 142 29.7 26.8 40.2
 249 38.8 28.9 43.3

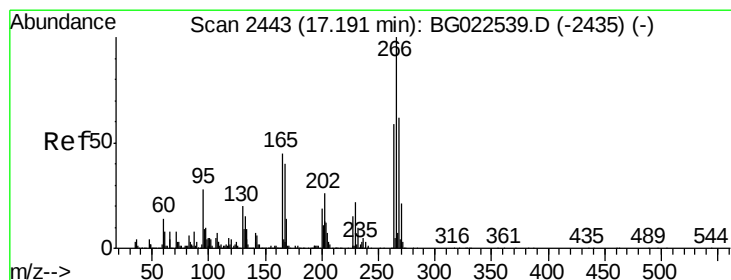
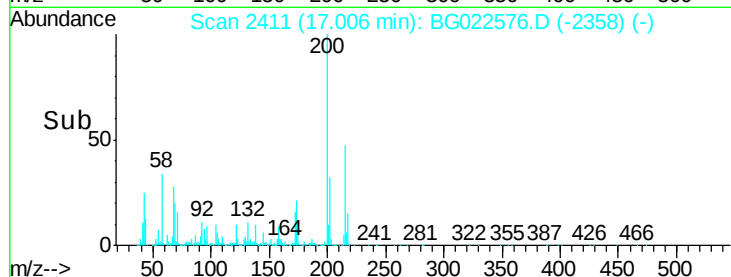
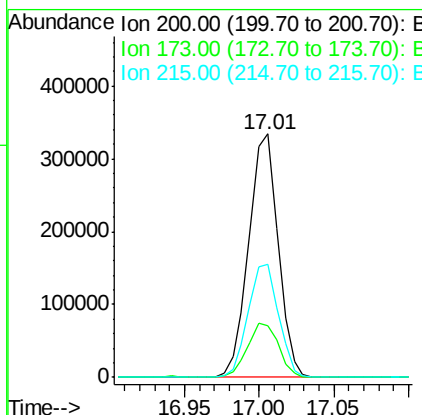
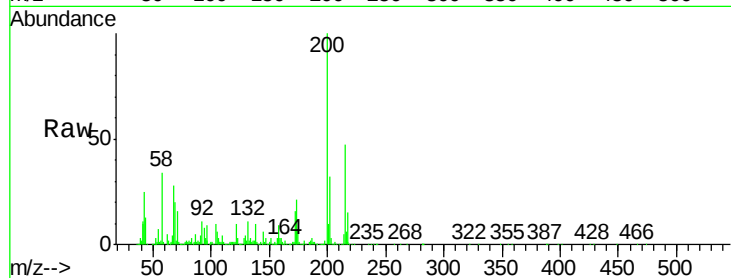




#68
Atrazine
Concen: 33.47 ng
RT: 17.01 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

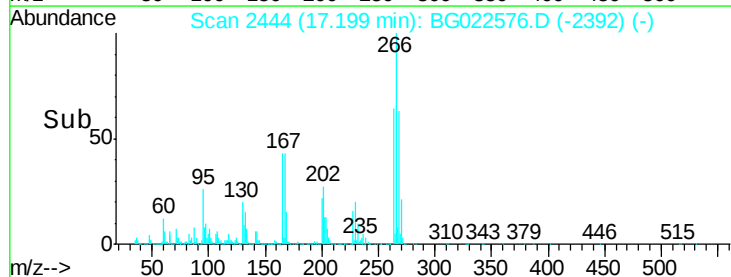
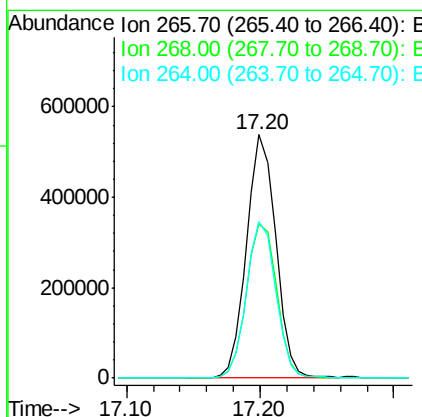
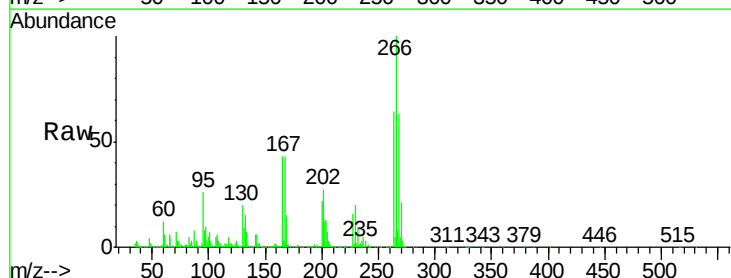
Instrument :
BNA_G
ClientSampleId :
PB91578BSD

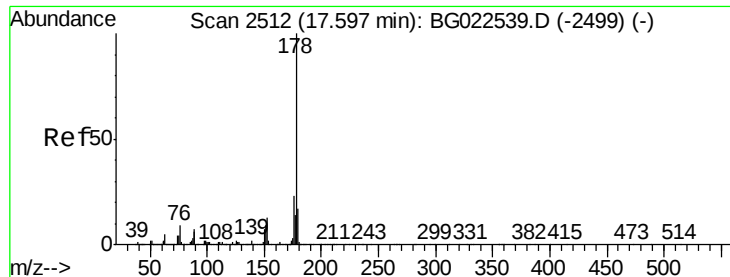
Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.0	1.6	41.6
215	46.6	28.7	68.7



#69
Pentachlorophenol
Concen: 78.30 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.9	77.9
264	64.1	50.6	75.8





#70

Phenanthrene

Concen: 37.15 ng

RT: 17.60 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

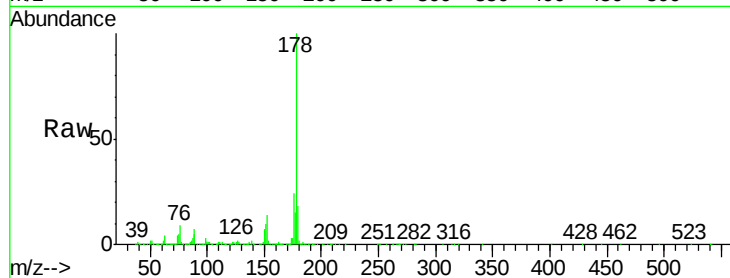
BNA_G

ClientSampleId :

PB91578BSD

Tgt Ion:178 Resp: 2093987

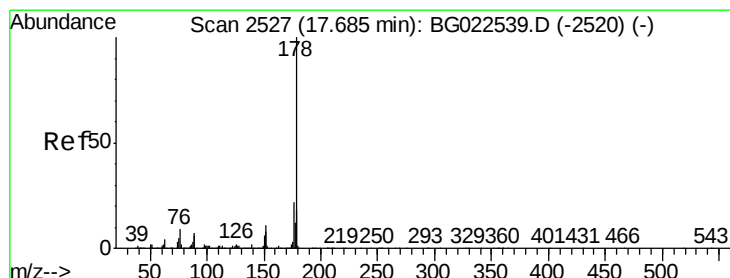
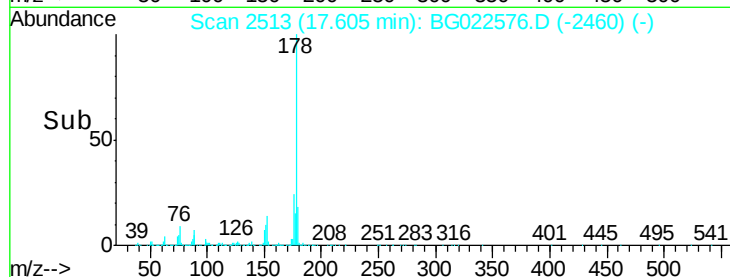
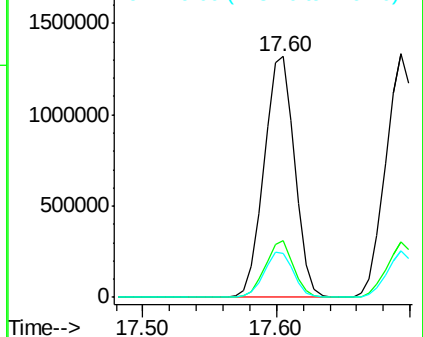
Ion	Ratio	Lower	Upper
178	100		
176	23.6	16.8	25.2
179	18.4	14.3	21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 36.39 ng

RT: 17.69 min Scan# 2528

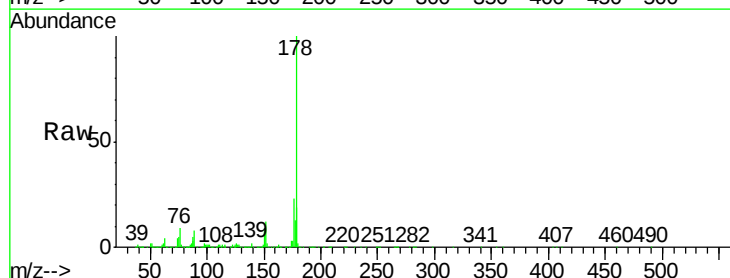
Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:178 Resp: 2110733

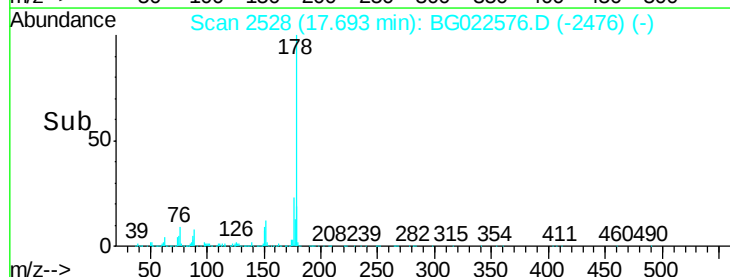
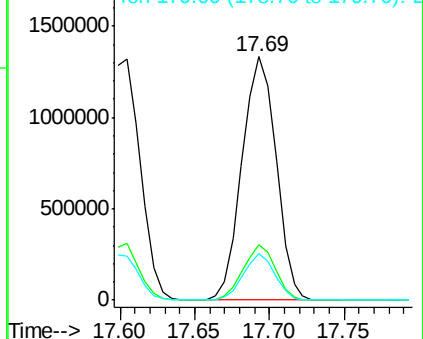
Ion	Ratio	Lower	Upper
178	100		
176	22.9	17.3	25.9
179	19.2	14.0	21.0

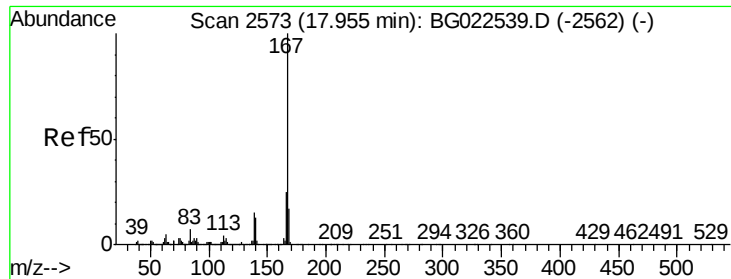


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.26 ng

RT: 17.96 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

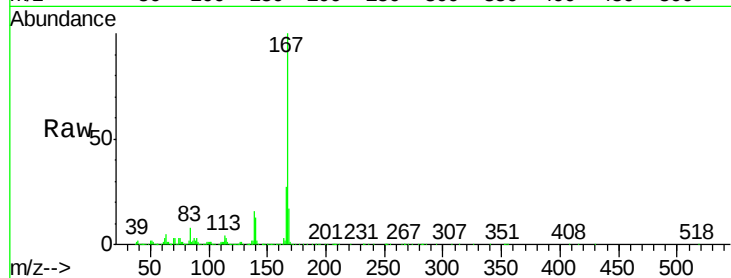
Tgt Ion:167 Resp: 1930537

Ion Ratio Lower Upper

167 100

166 26.7 20.7 31.1

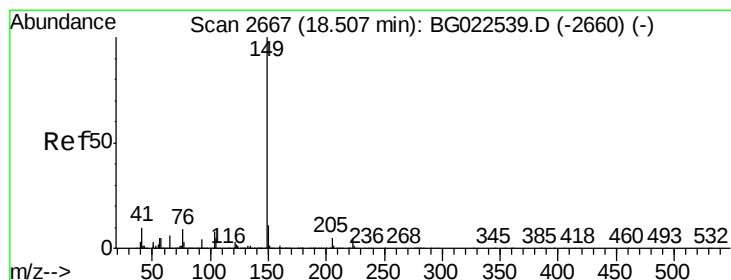
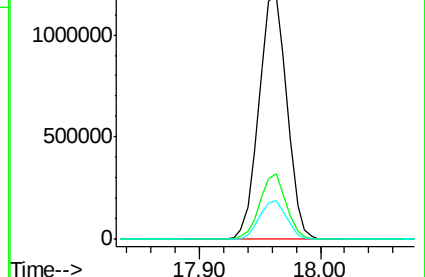
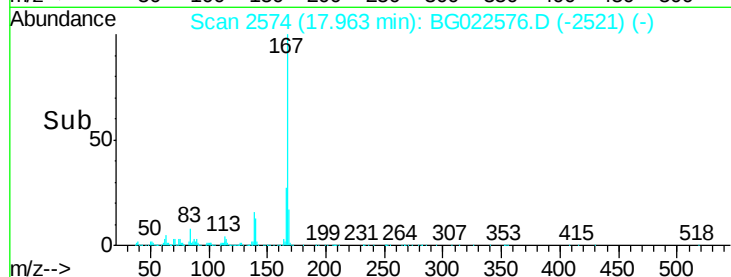
139 16.0 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.27 ng

RT: 18.52 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

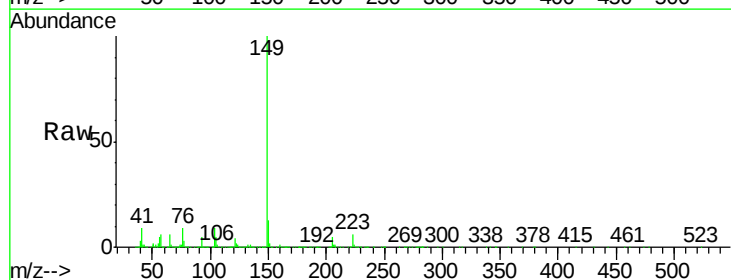
Tgt Ion:149 Resp: 2248607

Ion Ratio Lower Upper

149 100

150 12.9 9.1 13.7

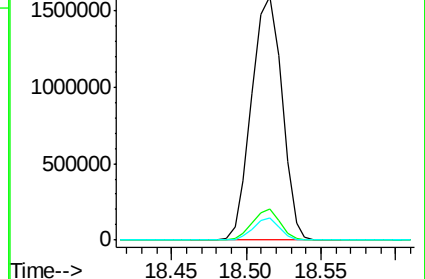
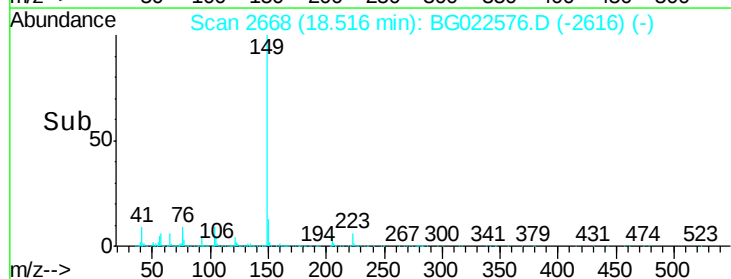
104 9.0 6.9 10.3

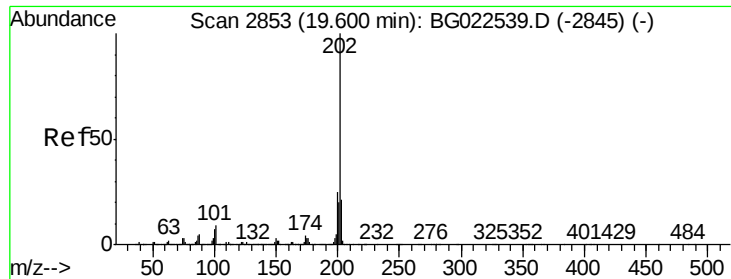


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.68 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

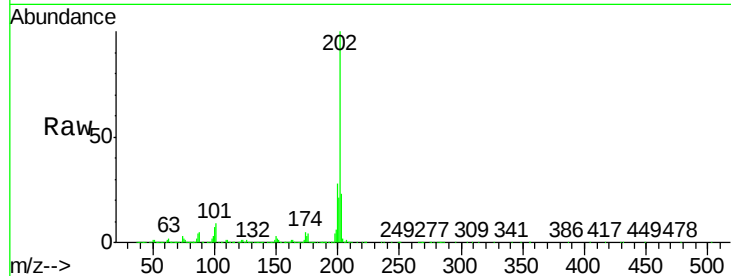
Tgt Ion:202 Resp: 2511310

Ion Ratio Lower Upper

202 100

101 9.0 0.0 27.4

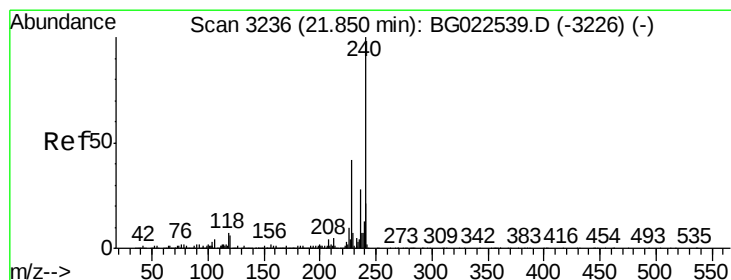
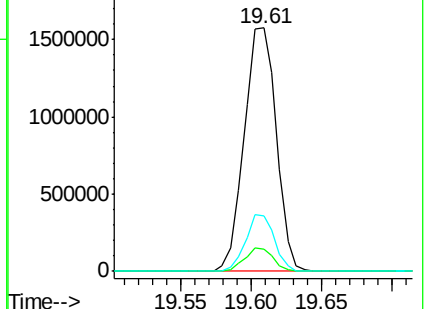
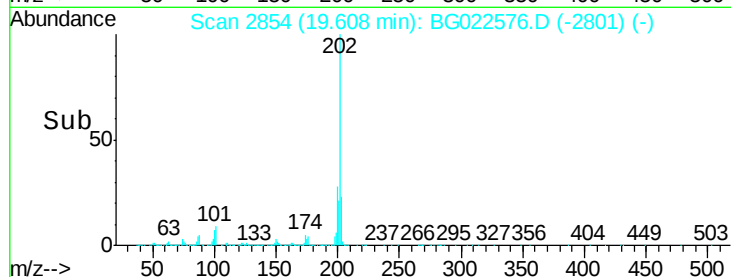
203 22.8 1.7 41.7



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: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

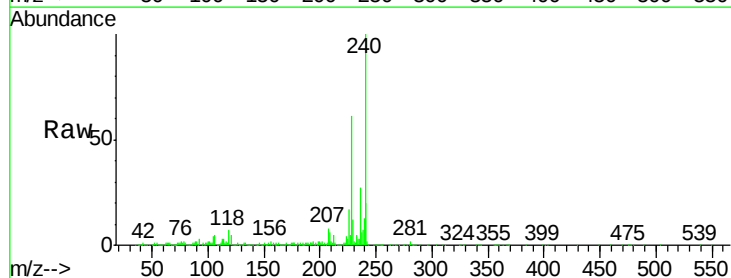
Tgt Ion:240 Resp: 1224112

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

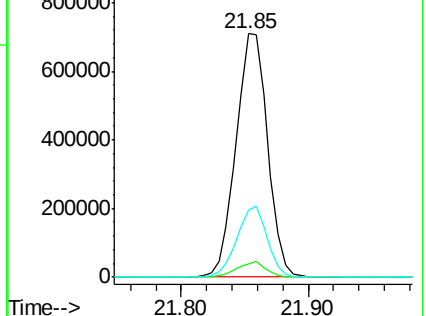
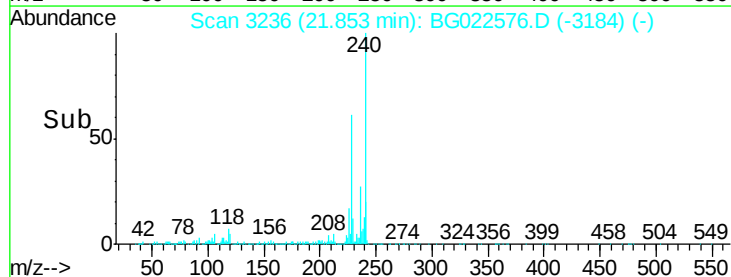
236 27.5 21.1 31.7

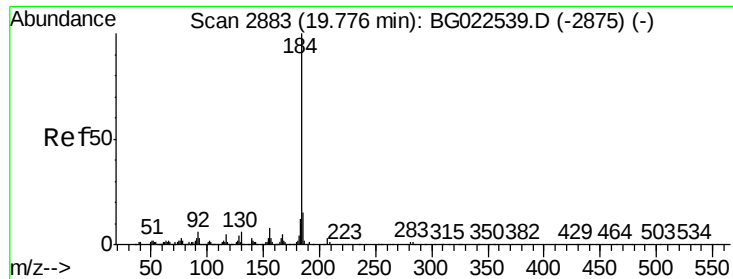


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 99.72 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

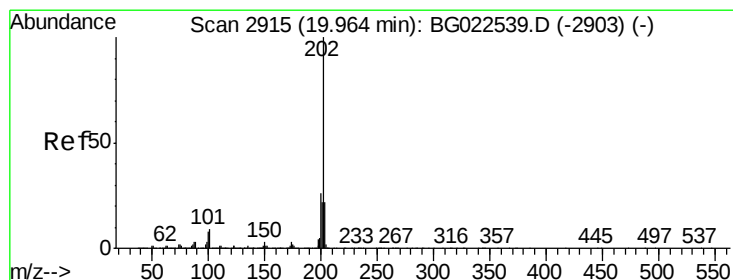
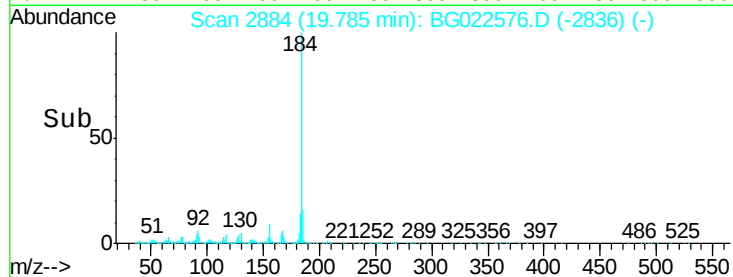
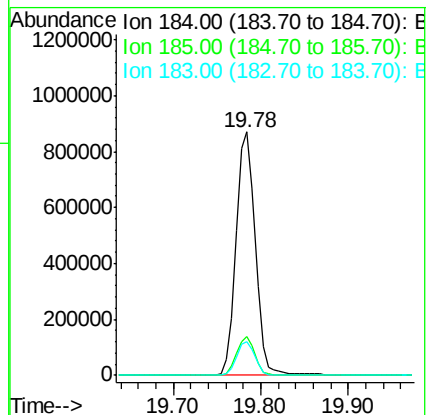
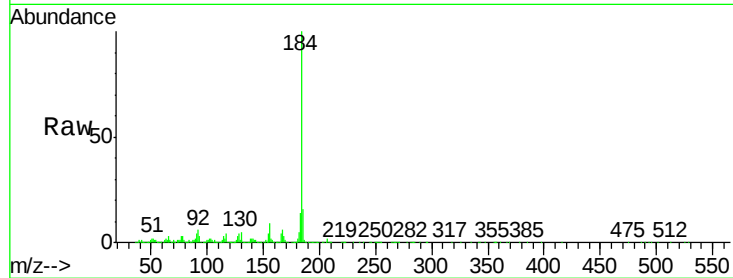
Tgt Ion:184 Resp: 1299668

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

183 14.0 10.7 16.1



#77

Pyrene

Concen: 38.87 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

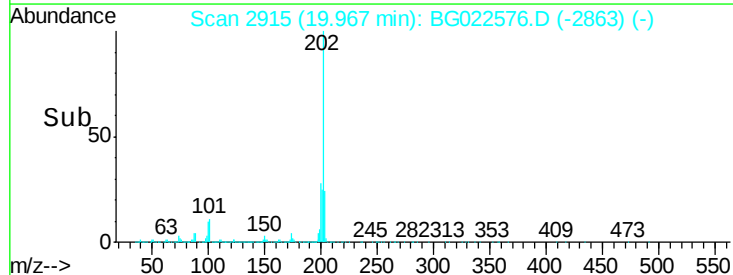
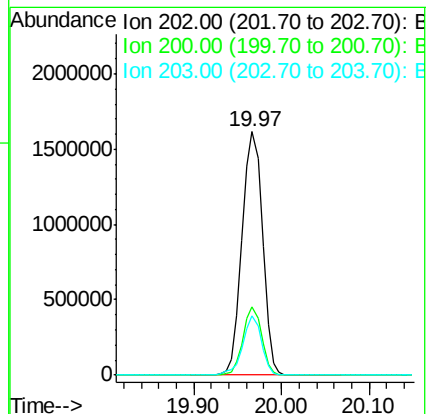
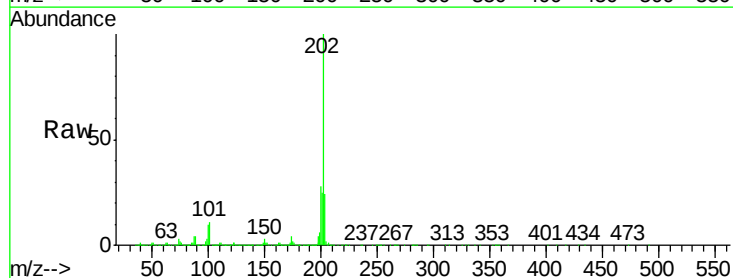
Tgt Ion:202 Resp: 2534018

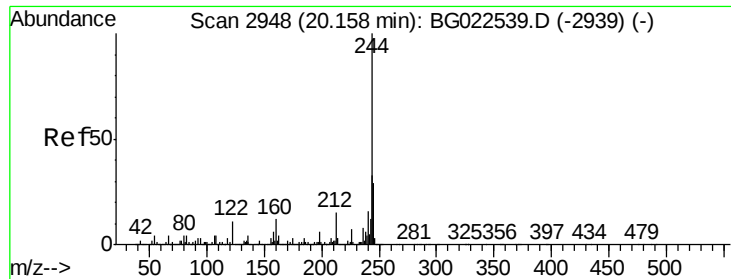
Ion Ratio Lower Upper

202 100

200 28.0 21.2 31.8

203 24.2 16.8 25.2





#78

Terphenyl-d14

Concen: 66.33 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

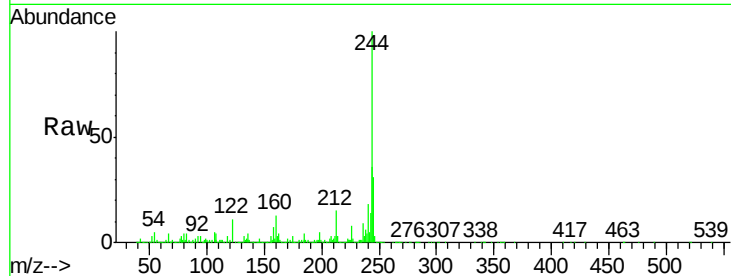
Tgt Ion:244 Resp: 3064642

Ion Ratio Lower Upper

244 100

212 15.0 10.8 16.2

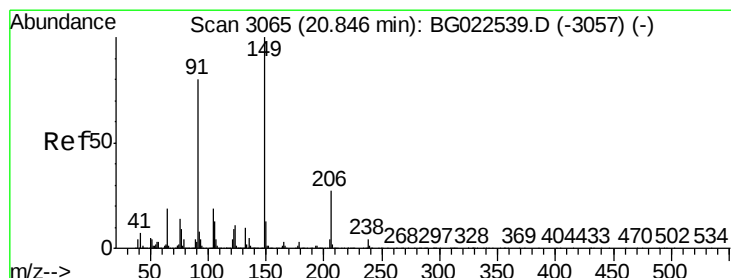
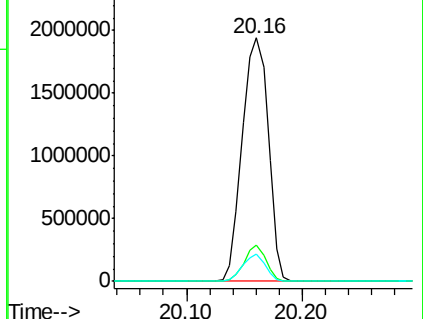
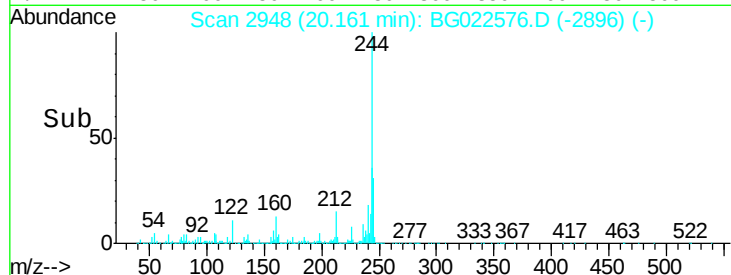
122 11.1 8.0 12.0



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: 39.58 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

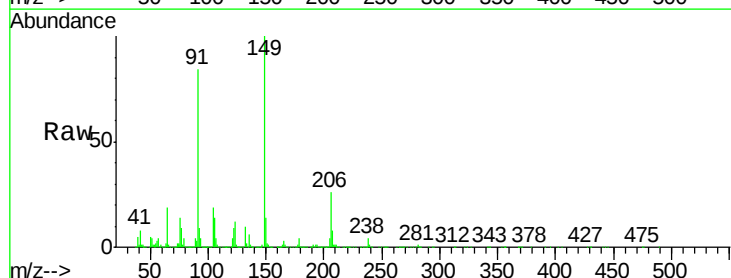
Tgt Ion:149 Resp: 1117017

Ion Ratio Lower Upper

149 100

91 83.5 68.1 102.1

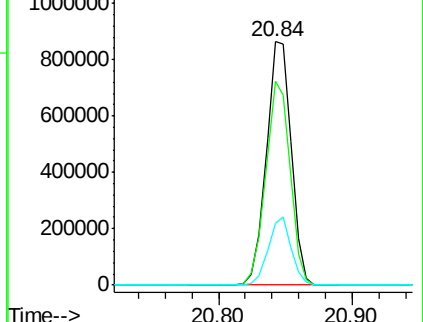
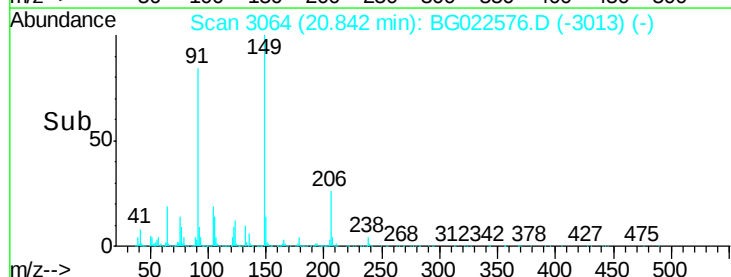
206 25.6 19.8 29.6

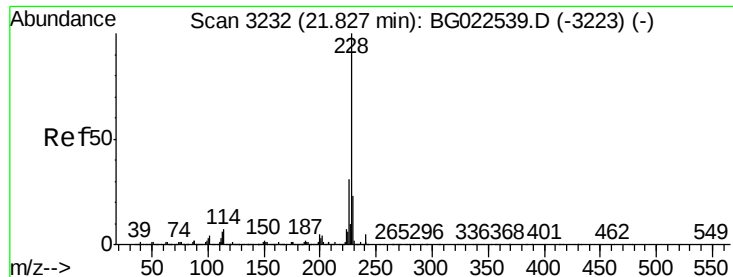


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.36 ng

RT: 21.84 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

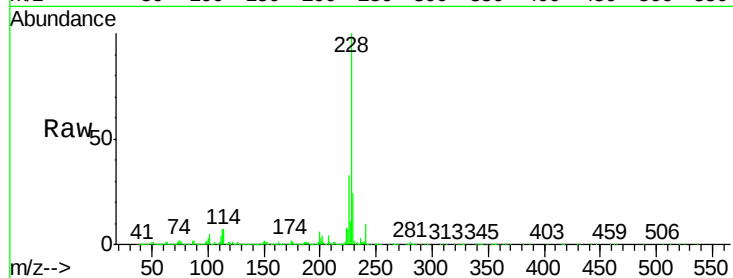
Tgt Ion:228 Resp: 2665838

Ion Ratio Lower Upper

228 100

226 33.1 25.3 37.9

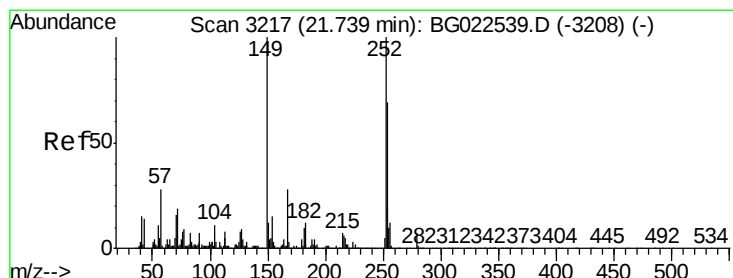
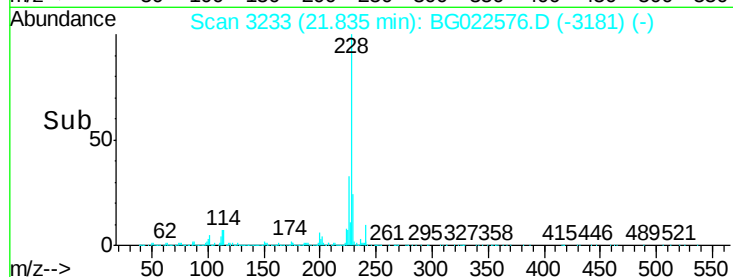
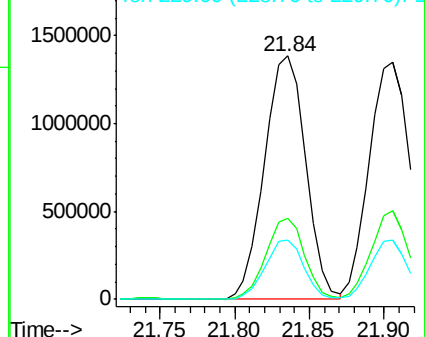
229 24.1 19.9 29.9



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: 21.32 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

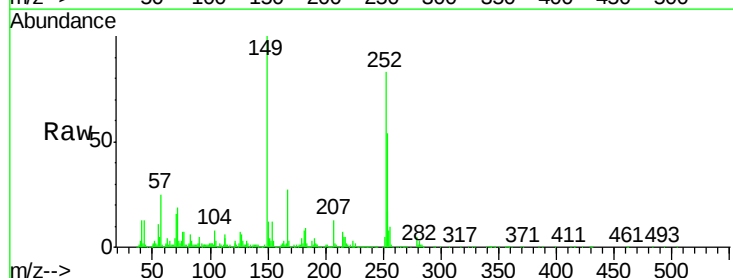
Tgt Ion:252 Resp: 596489

Ion Ratio Lower Upper

252 100

254 65.6 51.2 76.8

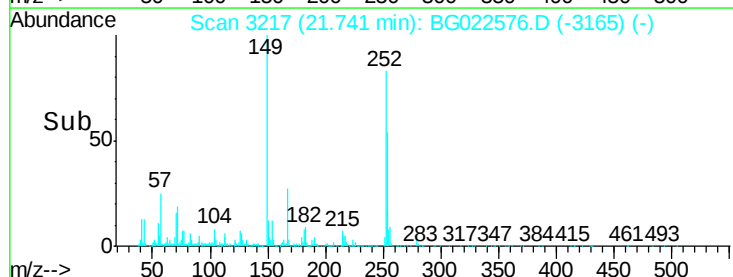
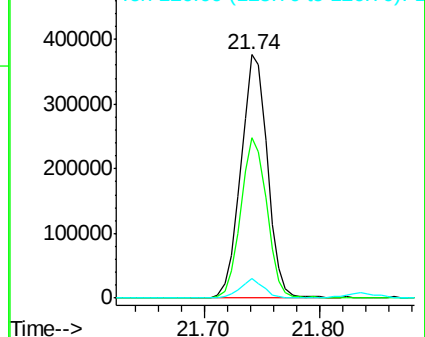
126 8.0 5.3 7.9#

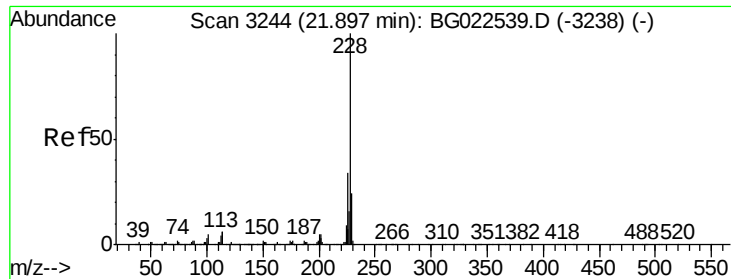


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.14 ng

RT: 21.91 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

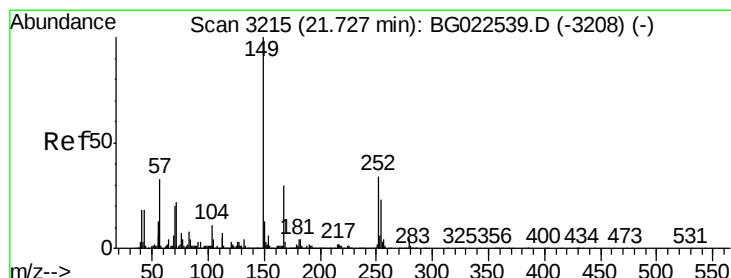
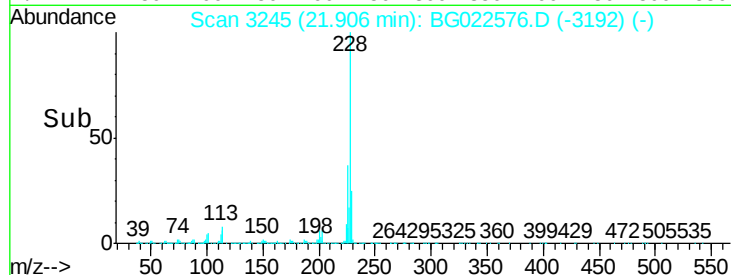
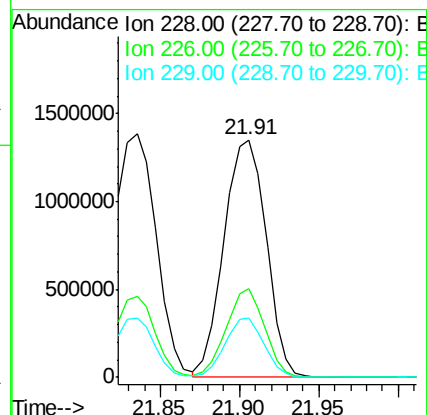
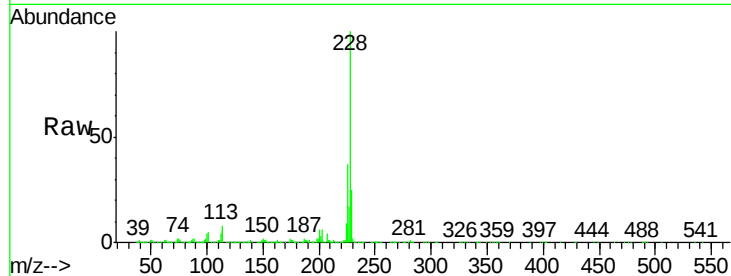
Tgt Ion:228 Resp: 2491195

Ion Ratio Lower Upper

228 100

226 37.1 26.7 40.1

229 25.2 17.4 26.2



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.42 ng

RT: 21.73 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

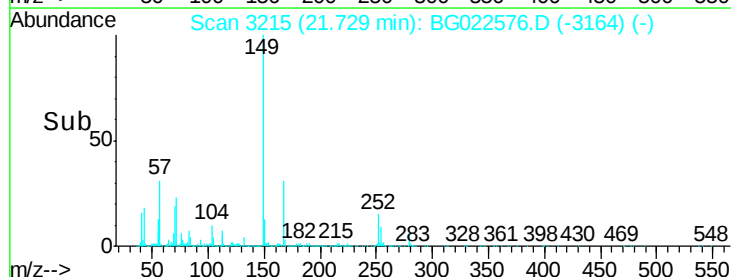
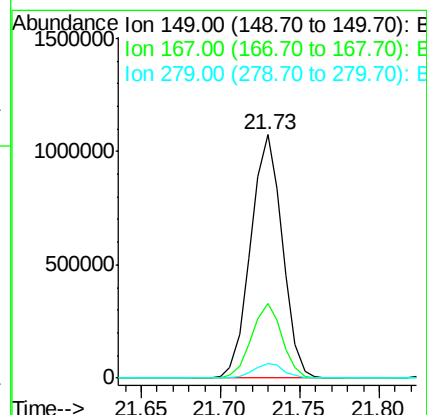
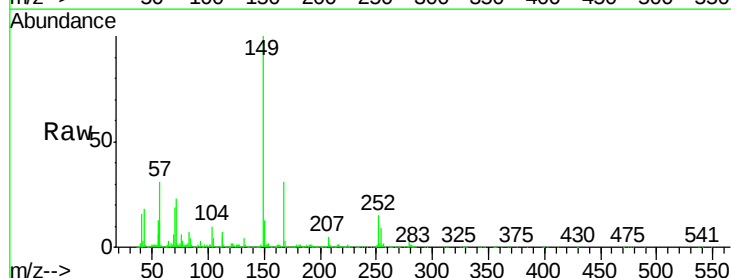
Tgt Ion:149 Resp: 1487119

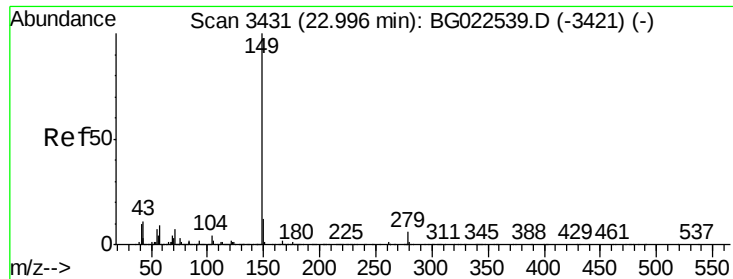
Ion Ratio Lower Upper

149 100

167 30.7 24.0 36.0

279 6.1 4.8 7.2





#84

Di-n-octyl phthalate

Concen: 37.22 ng

RT: 22.99 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

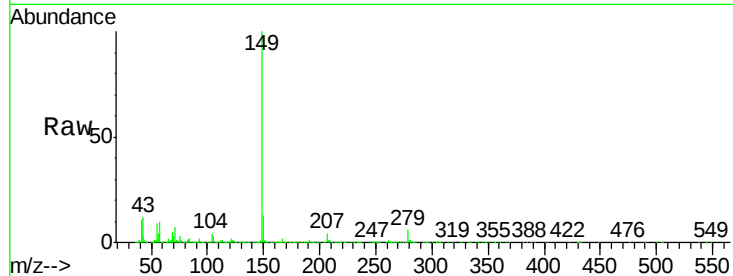
Tgt Ion:149 Resp: 2438280

Ion Ratio Lower Upper

149 100

167 2.0 1.5 2.3

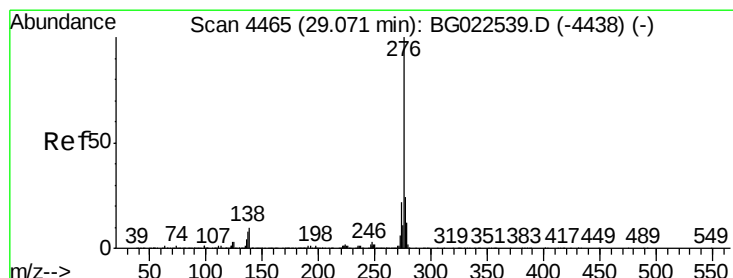
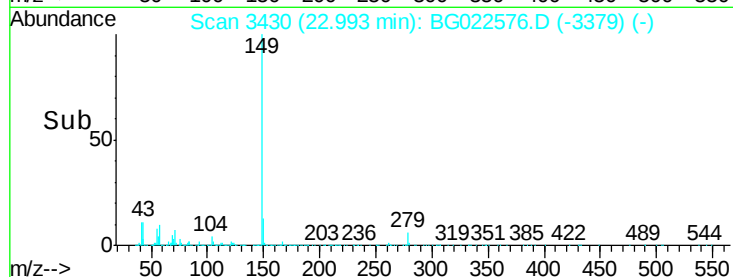
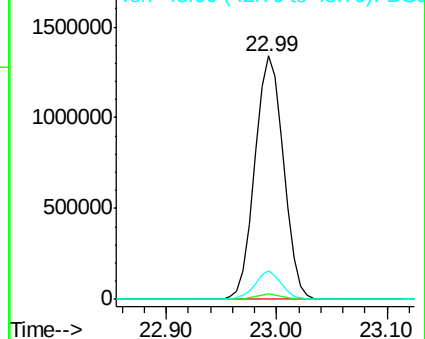
43 10.7 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.23 ng

RT: 29.07 min Scan# 4465

Delta R.T. 0.03 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

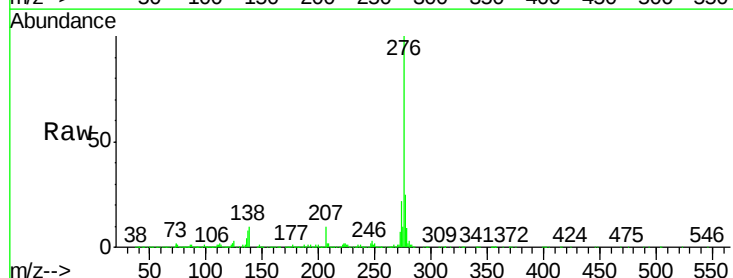
Tgt Ion:276 Resp: 3197709

Ion Ratio Lower Upper

276 100

138 9.0 0.0 0.0#

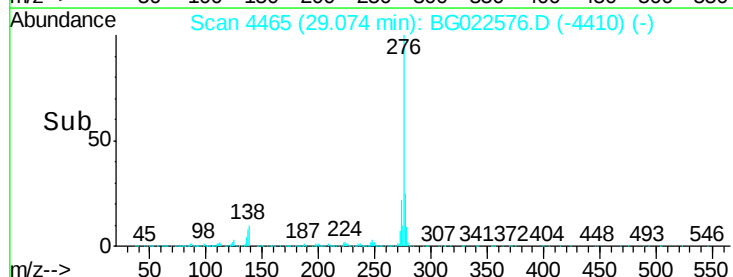
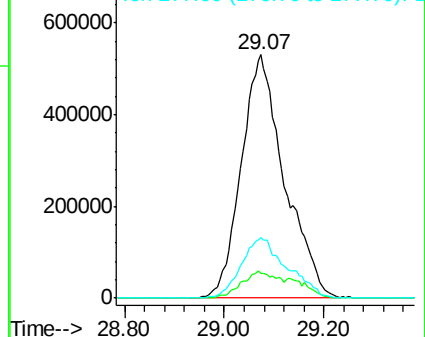
277 26.1 0.0 0.0#

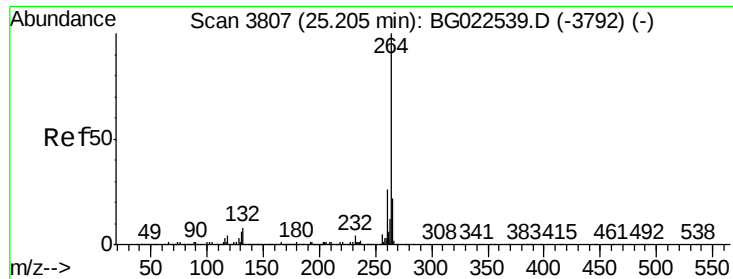


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



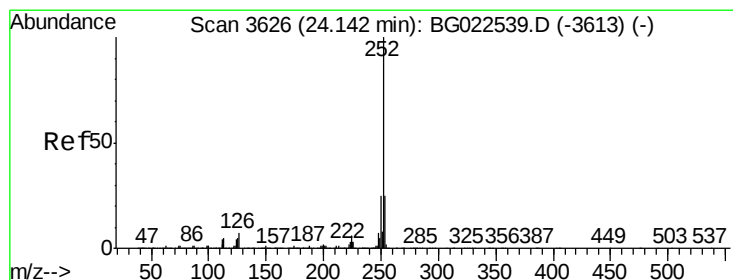
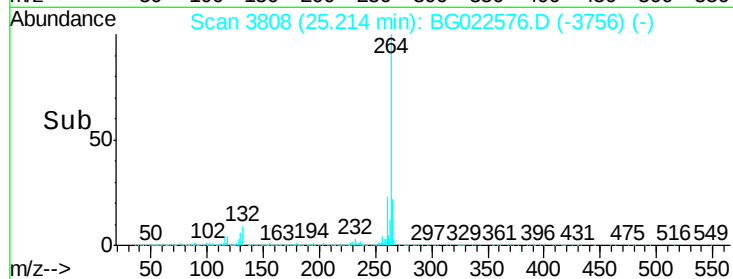
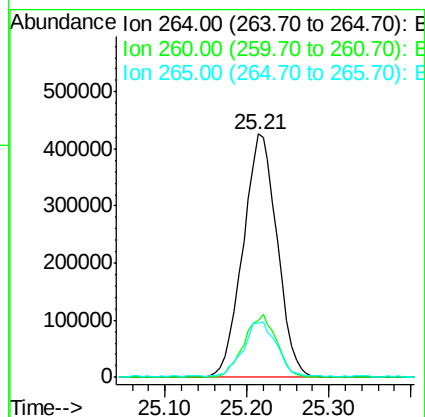
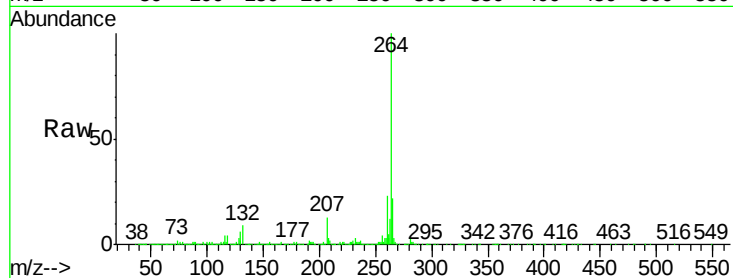


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion:264 Resp: 1234509

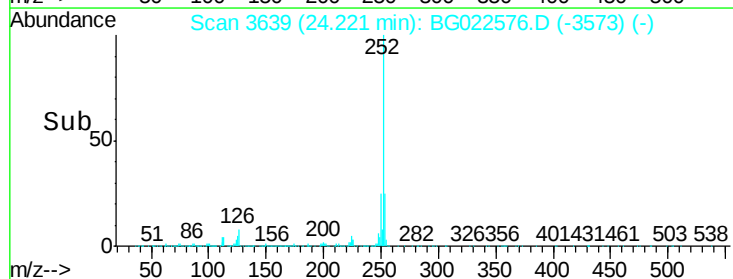
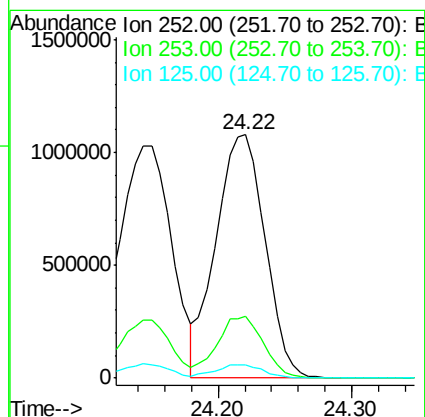
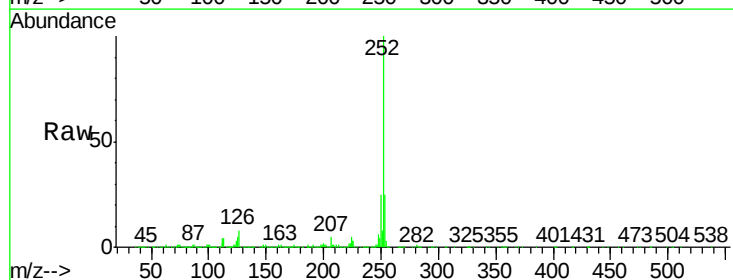
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.5	18.9	28.3

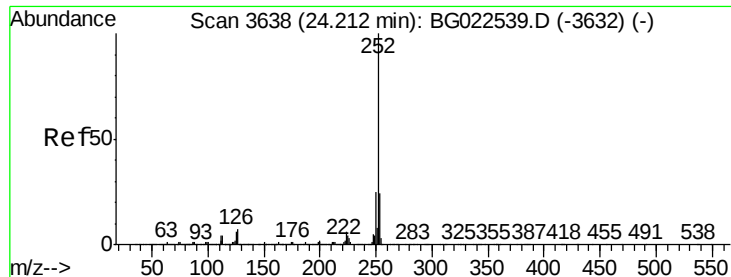


#87
Benzo(b)fluoranthene
Concen: 37.11 ng
RT: 24.22 min Scan# 3639
Delta R.T. 0.09 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:252 Resp: 2754991

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.9	28.3
125	5.4	3.9	5.9





#88

Benzo(k)fluoranthene

Concen: 39.26 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

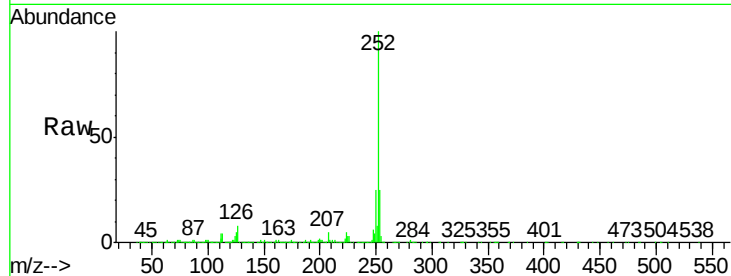
Tgt Ion:252 Resp: 2754991

Ion Ratio Lower Upper

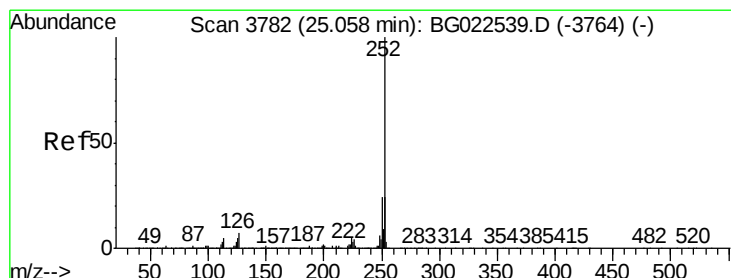
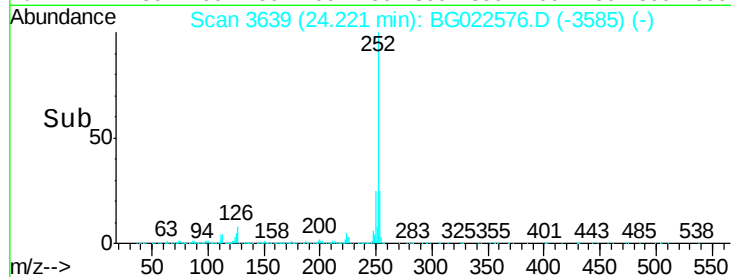
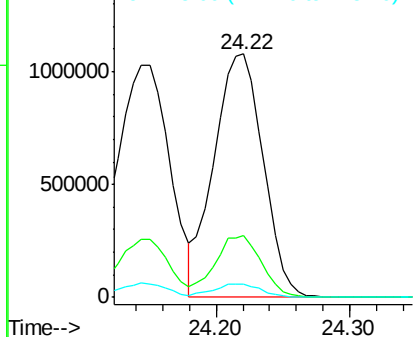
252 100

253 25.2 18.8 28.2

125 5.4 3.2 4.8#



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



#89

Benzo(a)pyrene

Concen: 38.47 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

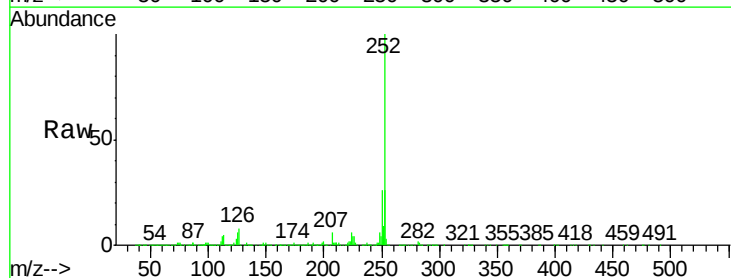
Tgt Ion:252 Resp: 2783631

Ion Ratio Lower Upper

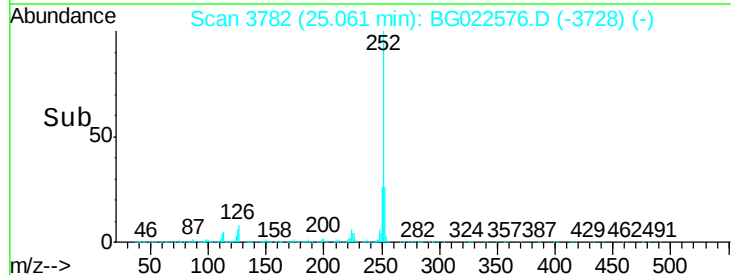
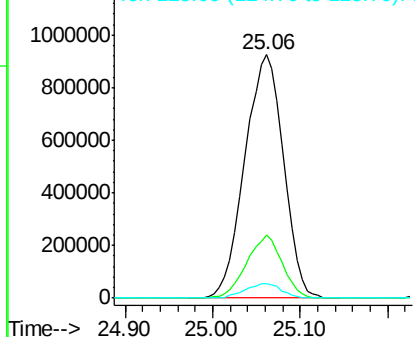
252 100

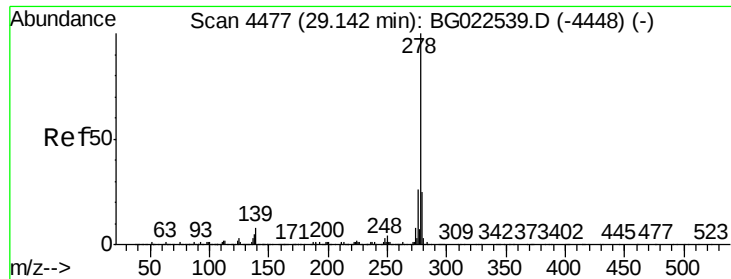
253 25.9 18.7 28.1

125 5.7 3.9 5.9



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: 39.20 ng

RT: 29.14 min Scan# 4477

Delta R.T. 0.03 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

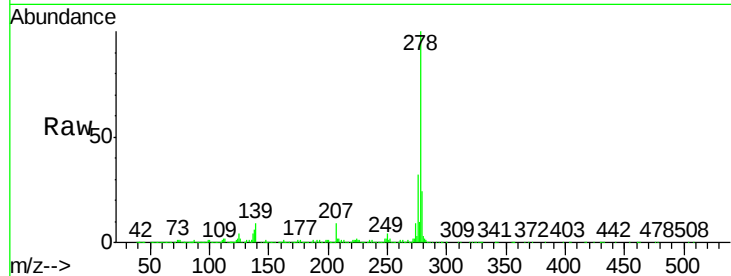
Tgt Ion:278 Resp: 2670540

Ion Ratio Lower Upper

278 100

139 8.5 4.7 7.1#

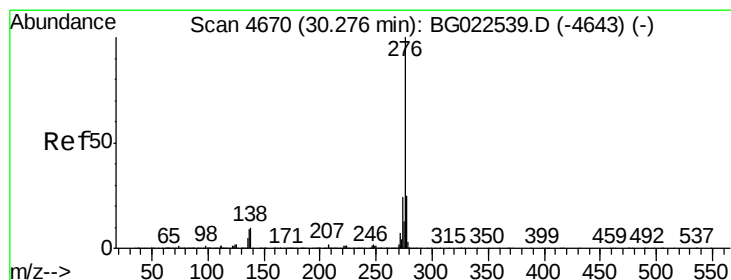
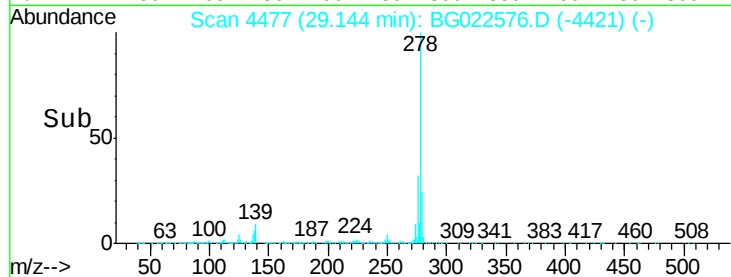
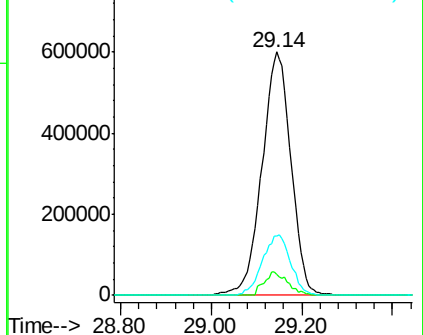
279 24.5 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.38 ng

RT: 30.28 min Scan# 4670

Delta R.T. 0.03 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

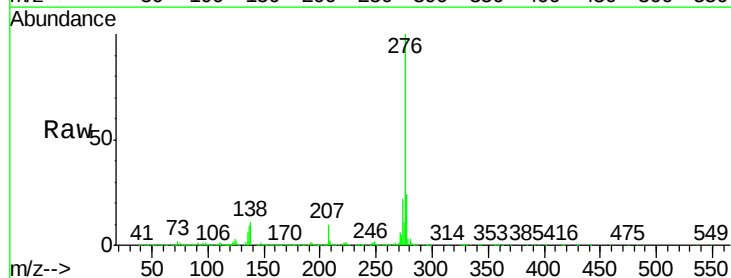
Tgt Ion:276 Resp: 2661212

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 11.5 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

