

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022694.D
 Acq On : 29 Jun 2016 3:07
 Operator : UM/SJ
 Sample : H3769-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

Quant Time: Jun 29 04:50:32 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	113186	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	469970	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	343592	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	895185	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1047610	20.00	ng	0.00
86) Perylene-d12	25.20	264	1073574	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	927809	131.48	ng	0.00
7) Phenol-d6	7.31	99	1373960	138.13	ng	0.00
23) Nitrobenzene-d5	9.33	82	934723	84.18	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	773071	143.05	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1704721	78.68	ng	-0.01
78) Terphenyl-d14	20.15	244	2788174	70.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	96721	33.82	ng	97
3) Pyridine	3.98	79	151296	18.91	ng	91
4) n-Nitrosodimethylamine	3.90	42	81936	17.91	ng	93
6) Aniline	7.48	93	184972	14.03	ng	99
8) 2-Chlorophenol	7.72	128	175354	23.99	ng	96
9) Benzaldehyde	7.29	77	142937	40.83	ng	93
10) Phenol	7.33	94	280436	26.68	ng	86
11) bis(2-Chloroethyl)ether	7.57	93	181065	20.92	ng	96
12) 1,3-Dichlorobenzene	8.05	146	174263	19.59	ng	95
13) 1,4-Dichlorobenzene	8.20	146	175990	19.74	ng	94
14) 1,2-Dichlorobenzene	8.52	146	168994	19.93	ng	97
15) Benzyl Alcohol	8.40	79	208939	22.70	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	202470	21.15	ng	96
17) 2-Methylphenol	8.60	107	161749	23.34	ng	89
18) Hexachloroethane	9.25	117	73534	19.92	ng	90
19) n-Nitroso-di-n-propylamine	8.96	70	173178	20.91	ng	95
20) 3+4-Methylphenols	8.92	107	218510	22.89	ng	94
22) Acetophenone	8.98	105	299837	22.07	ng	# 90
24) Nitrobenzene	9.37	77	266971	21.75	ng	93
25) Isophorone	9.89	82	448670	20.81	ng	98
26) 2-Nitrophenol	10.08	139	98453	22.27	ng	94
27) 2,4-Dimethylphenol	10.14	122	182320	21.59	ng	95
28) bis(2-Chloroethoxy)methane	10.38	93	264871	22.51	ng	98
29) 2,4-Dichlorophenol	10.62	162	203750	24.76	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	208287	21.32	ng	99
31) Naphthalene	11.03	128	513245	21.73	ng	100
32) Benzoic acid	10.14	122	182320	34.62	ng	# 11
33) 4-Chloroaniline	11.14	127	108548	10.67	ng	95
34) Hexachlorobutadiene	11.32	225	152181	20.04	ng	94
35) Caprolactam	11.89	113	66627m	25.70	ng	
36) 4-Chloro-3-methylphenol	12.25	107	241513	23.91	ng	93
37) 2-Methylnaphthalene	12.63	142	392477	21.42	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	263117	20.28	ng	98
40) Hexachlorocyclopentadiene	12.97	237	508516	49.11	ng	97

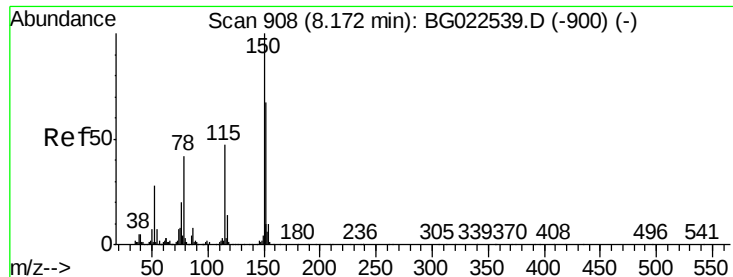
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	191722	23.05	nq	93
43) 2,4,5-Trichlorophenol	13.30	196	214037	24.59	nq	99
45) 1,1'-Biphenyl	13.63	154	534333	20.41	nq	100
46) 2-Chloronaphthalene	13.67	162	454360	21.10	nq	97
47) 2-Nitroaniline	13.87	65	184277	22.17	nq	98
48) Acenaphthylene	14.52	152	675186	21.61	nq	99
49) Dimethylphthalate	14.24	163	980486	34.40	nq	98
50) 2,6-Dinitrotoluene	14.36	165	140471	22.68	nq	88
51) Acenaphthene	14.86	154	450941	19.60	nq	97
52) 3-Nitroaniline	14.70	138	103935	17.93	nq	91
53) 2,4-Dinitrophenol	14.89	184	190813	50.02	nq	96
54) Dibenzofuran	15.19	168	744153	22.33	nq	94
55) 4-Nitrophenol	14.99	139	356740	72.79	nq	97
56) 2,4-Dinitrotoluene	15.15	165	216774	25.27	nq	89
57) Fluorene	15.84	166	581346	21.86	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.41	232	218585	24.22	nq	# 100
59) Diethylphthalate	15.60	149	643813	21.97	nq	100
60) 4-Chlorophenyl-phenylether	15.83	204	340485	21.50	nq	93
61) 4-Nitroaniline	15.86	138	138698	23.20	nq	# 86
62) Azobenzene	16.12	77	644174	20.30	nq	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	139259	23.20	nq	95
65) n-Nitrosodiphenylamine	16.05	169	552381	21.20	nq	96
66) 4-Bromophenyl-phenylether	16.73	248	234360	20.18	nq	92
67) Hexachlorobenzene	16.85	284	252354	20.55	nq	95
68) Atrazine	16.99	200	251608	22.88	nq	95
69) Pentachlorophenol	17.19	266	529506	62.66	nq	96
70) Phenanthrene	17.60	178	1013678	22.21	nq	95
71) Anthracene	17.69	178	1007262	21.44	nq	96
72) Carbazole	17.96	167	929062	23.33	nq	95
73) Di-n-butylphthalate	18.50	149	1042127	22.47	nq	95
74) Fluoranthene	19.60	202	1219479	23.19	nq	96
76) Benzidine	19.78	184	777731	69.73	nq	97
77) Pyrene	19.96	202	1235614	22.14	nq	96
79) Butylbenzylphthalate	20.84	149	490302	20.30	nq	94
80) Benzo(a)anthracene	21.83	228	1284238	22.15	nq	92
81) 3,3'-Dichlorobenzidine	21.73	252	303122	12.66	nq	100
82) Chrysene	21.89	228	1184334	21.74	nq	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	682493	20.07	nq	99
84) Di-n-octyl phthalate	22.97	149	1146599	20.45	nq	96
85) Indeno(1,2,3-cd)pyrene	29.04	276	1385819	19.36	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	1340961	20.77	nq	98
88) Benzo(k)fluoranthene	24.20	252	1265397	20.74	nq	# 96
89) Benzo(a)pyrene	25.04	252	1265123	20.10	nq	99
90) Dibenzo(a,h)anthracene	29.10	278	1179352	19.91	nq	# 96
91) Benzo(g,h,i)perylene	30.25	276	1139978	18.90	nq	# 98

(#) = 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: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

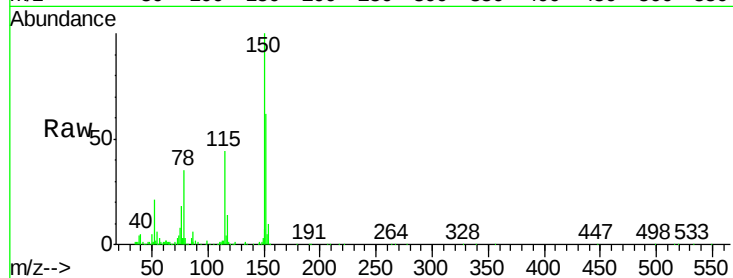
Tot Ion:152 Resp: 113186

Ion Ratio Lower Upper

152 100

150 162.6 144.7 217.1

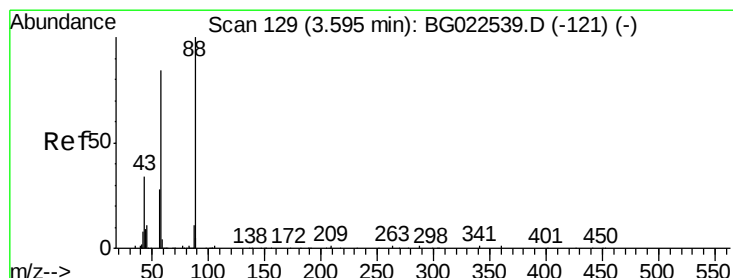
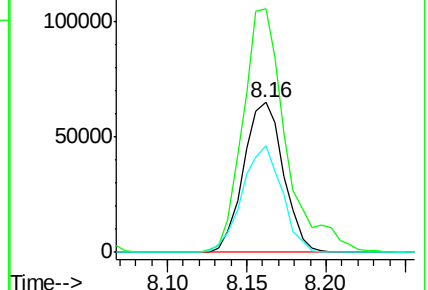
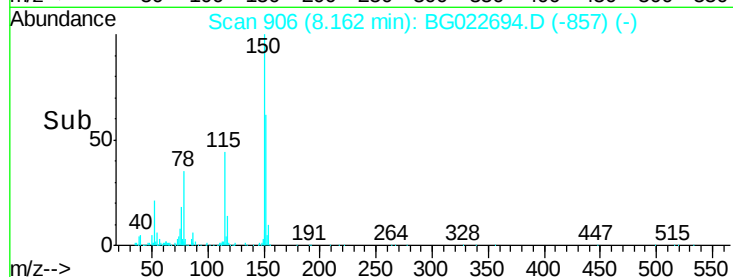
115 71.5 64.0 96.0



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: 33.82 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

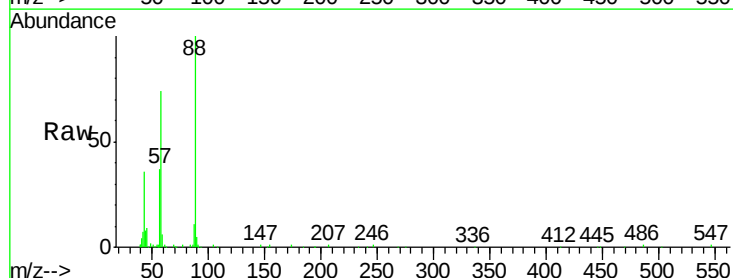
Tgt Ion: 88 Resp: 96721

Ion Ratio Lower Upper

88 100

58 75.3 60.4 90.6

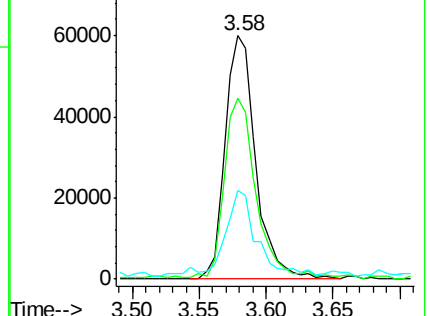
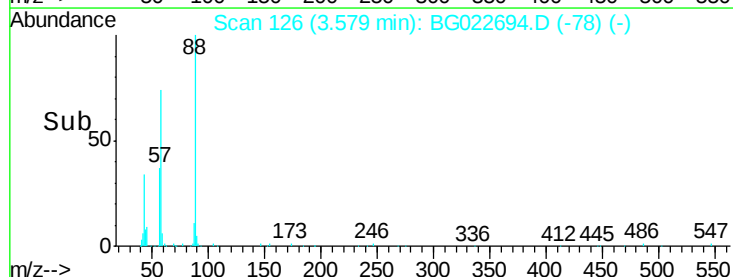
43 33.9 31.1 46.7

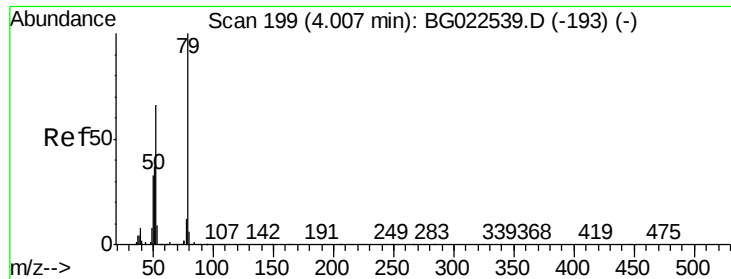


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

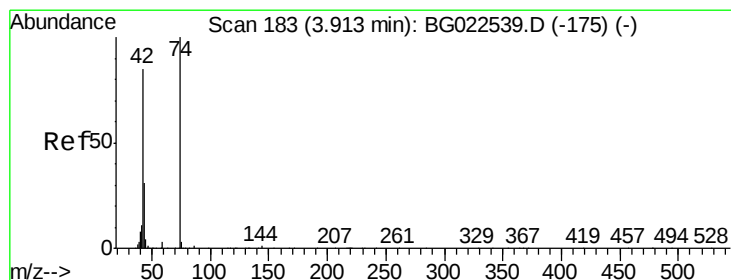
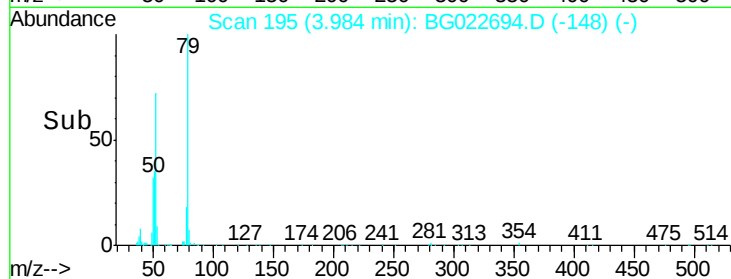
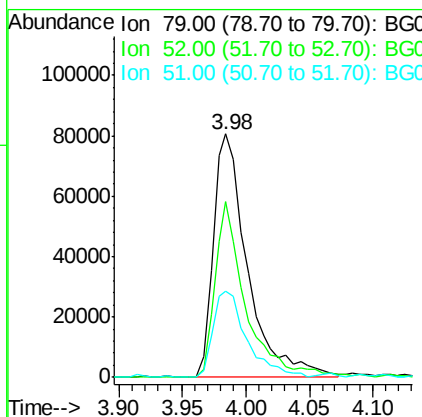
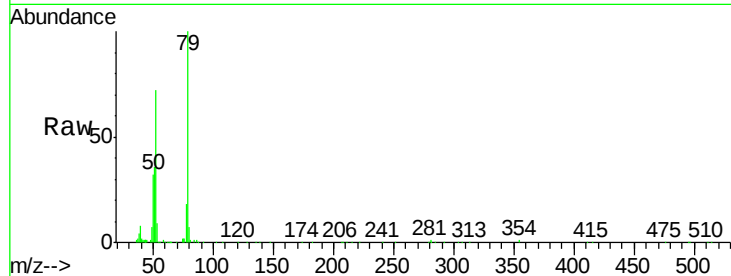




#3
 Pvridine
 Concen: 18.91 ng
 RT: 3.98 min Scan# 195
 Delta R.T. -0.02 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

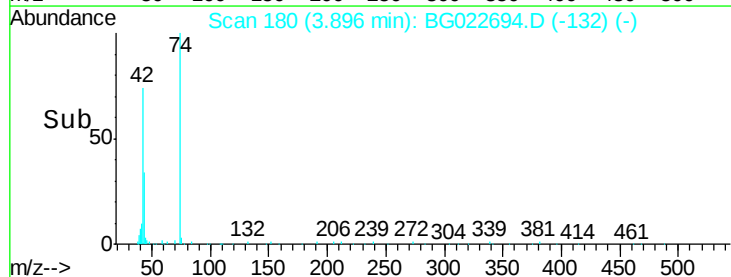
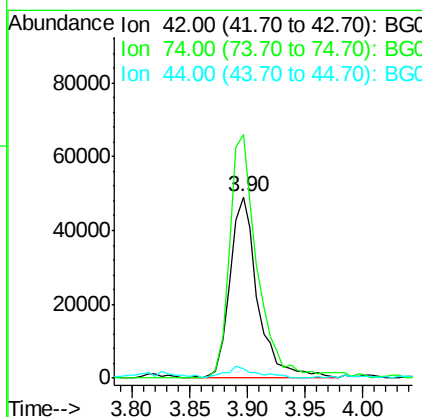
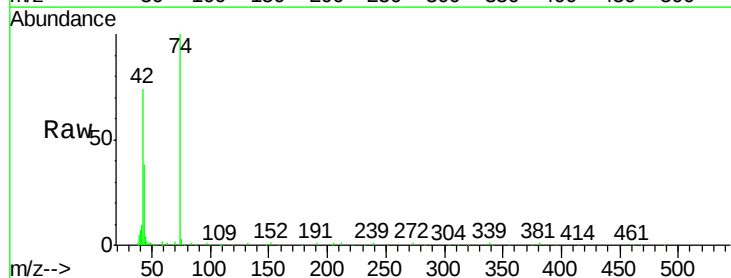
Instrument :
 BNA_G
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 EPCH-B1(13-15)MSD

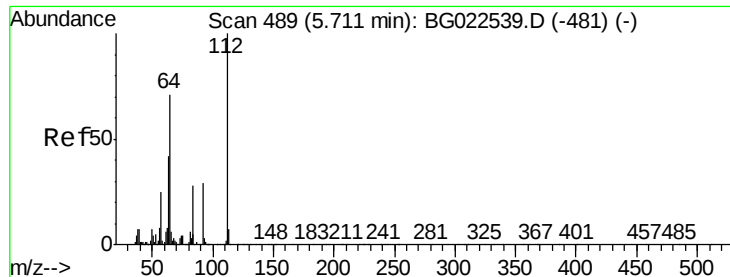
Tot Ion: 79 Resp: 151296
 Ion Ratio Lower Upper
 79 100
 52 72.3 51.8 77.8
 51 35.6 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 17.91 ng
 RT: 3.90 min Scan# 180
 Delta R.T. -0.02 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion: 42 Resp: 81936
 Ion Ratio Lower Upper
 42 100
 74 134.5 100.6 150.8
 44 5.5 4.5 6.7





#5

2-Fluorophenol

Concen: 131.48 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

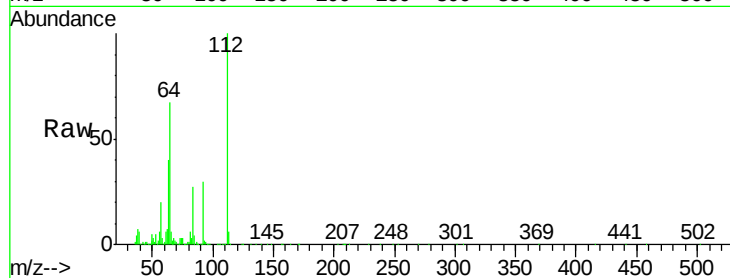
Tot Ion:112 Resp: 927809

Ion Ratio Lower Upper

112 100

64 66.8 59.0 88.4

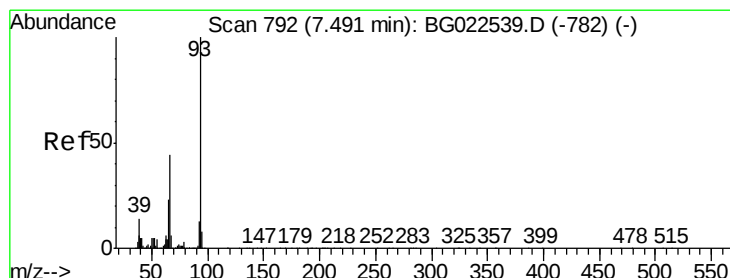
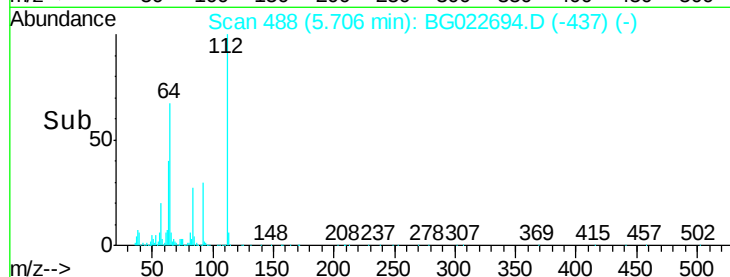
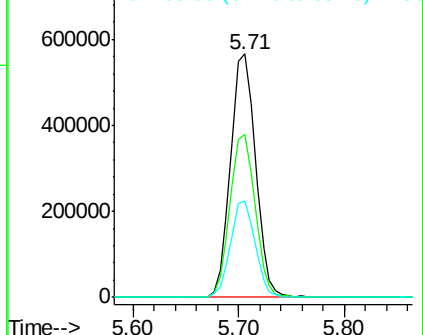
63 39.7 37.8 56.8



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: 14.03 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

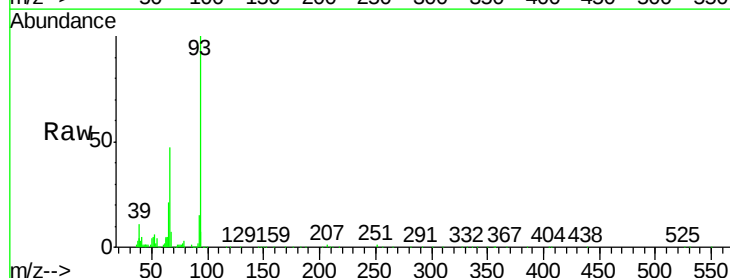
Tgt Ion: 93 Resp: 184972

Ion Ratio Lower Upper

93 100

66 47.5 37.5 56.3

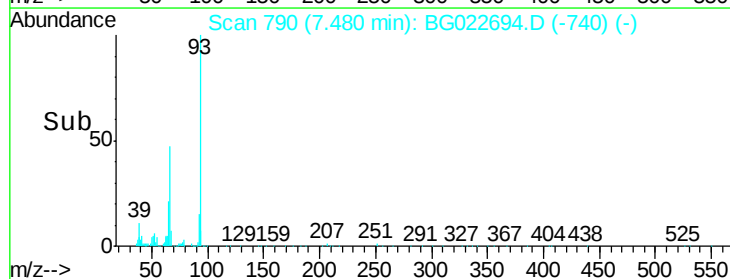
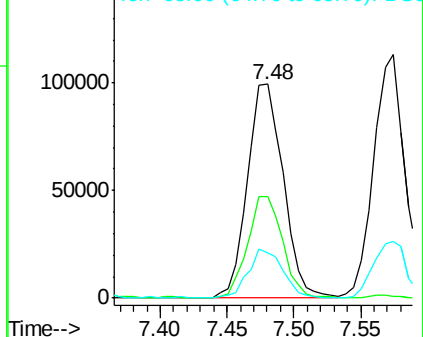
65 21.2 17.9 26.9

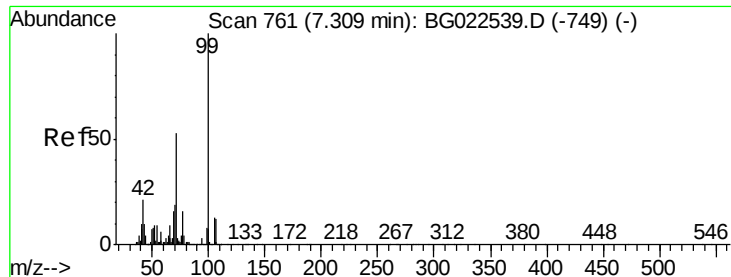


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.13 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

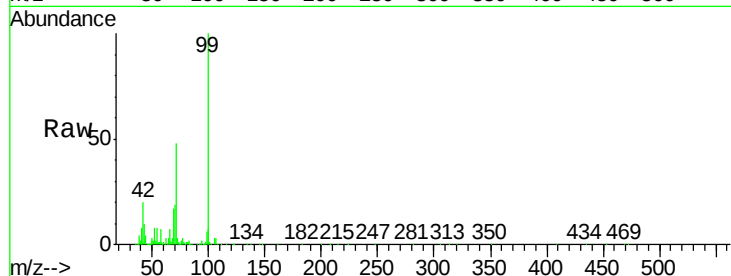
BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

Tot Ion: 99 Resp: 1373960

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	48.4	41.5	62.3

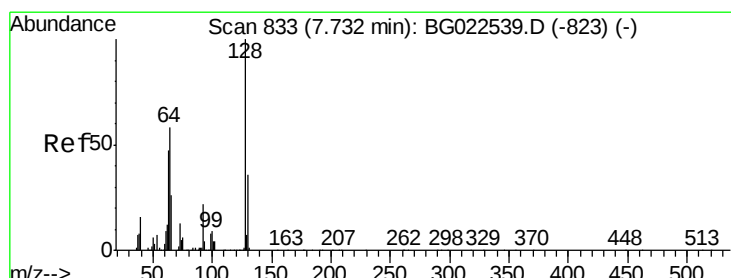
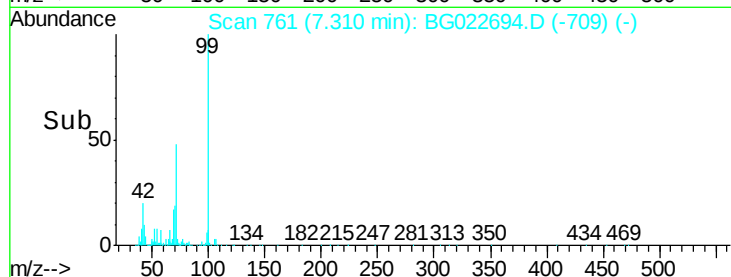


Abundance

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: 23.99 ng

RT: 7.72 min Scan# 831

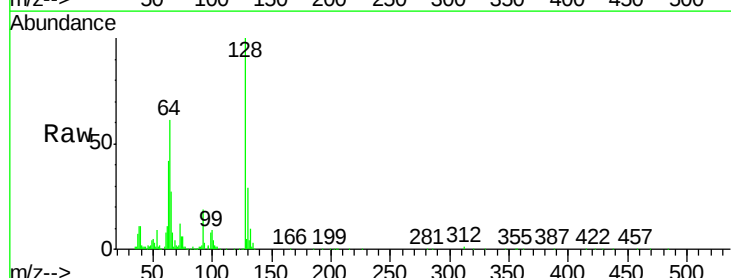
Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Tgt Ion: 128 Resp: 175354

Ion	Ratio	Lower	Upper
128	100		
130	28.6	12.9	52.9
64	60.7	42.0	82.0

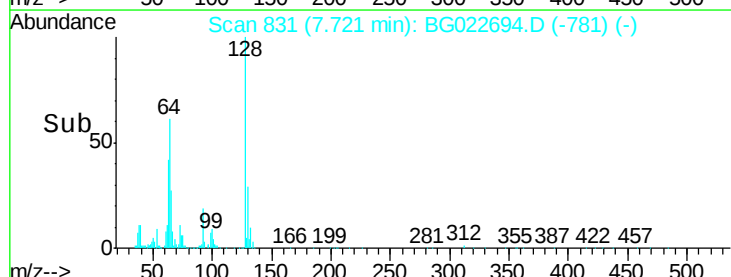


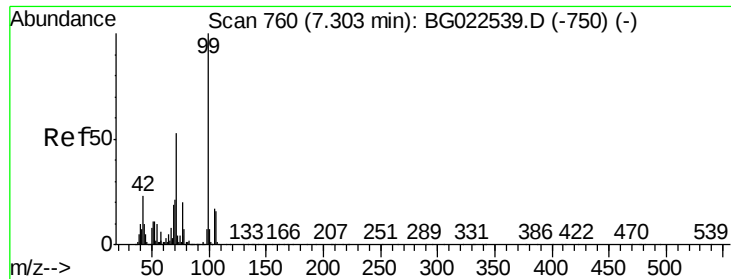
Abundance

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





#9

Benzaldehyde

Concen: 40.83 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

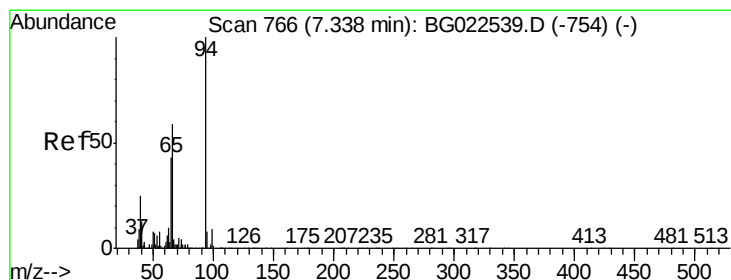
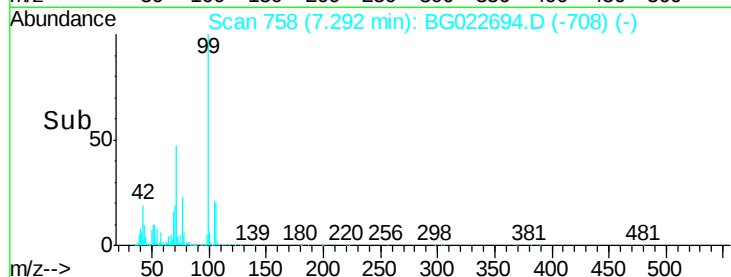
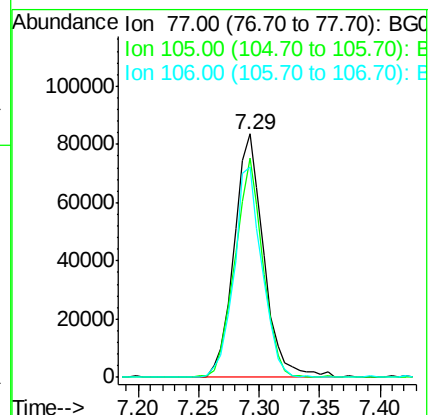
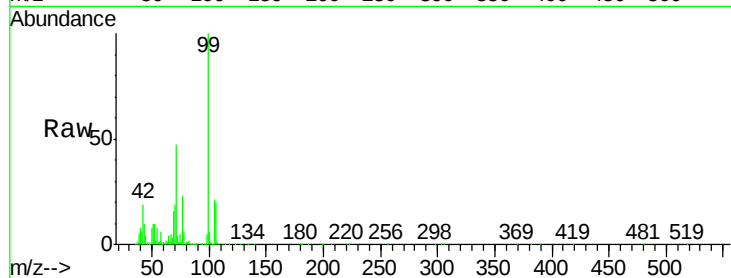
Tot Ion: 77 Resp: 142937

Ion Ratio Lower Upper

77 100

105 90.2 58.7 98.7

106 86.2 67.5 107.5



#10

Phenol

Concen: 26.68 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

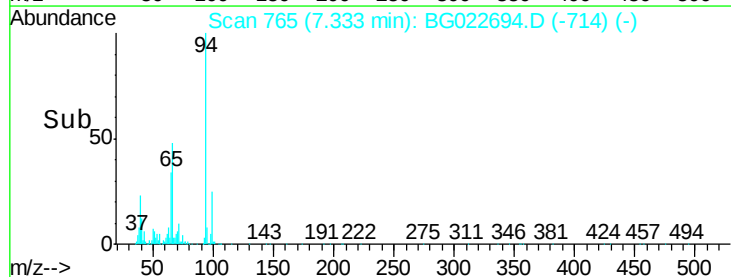
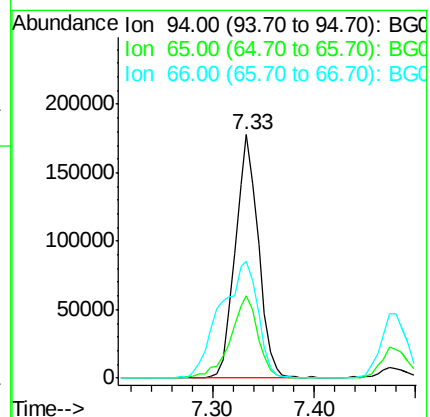
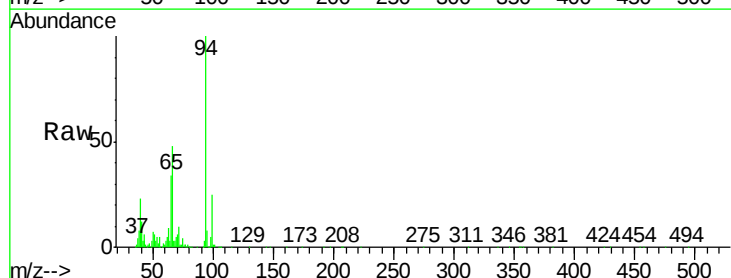
Tgt Ion: 94 Resp: 280436

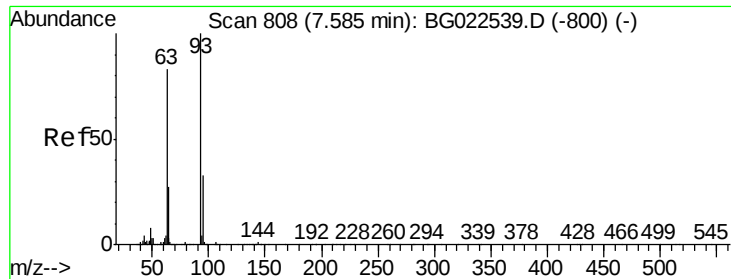
Ion Ratio Lower Upper

94 100

65 33.6 18.1 58.1

66 48.2 42.1 82.1

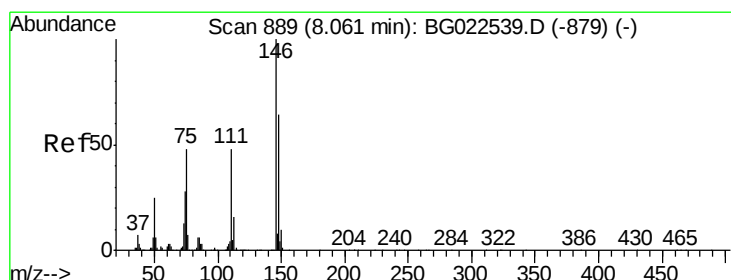
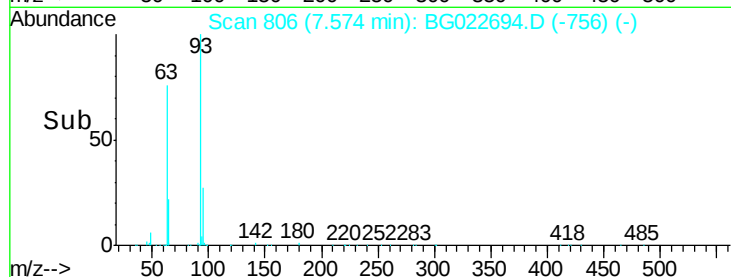
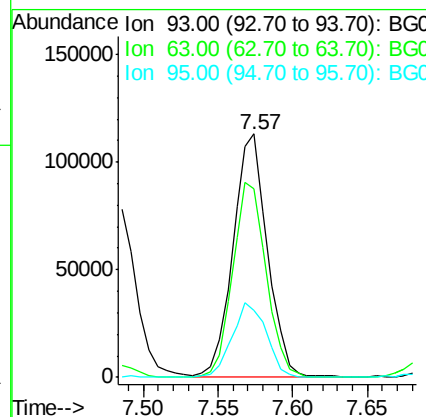
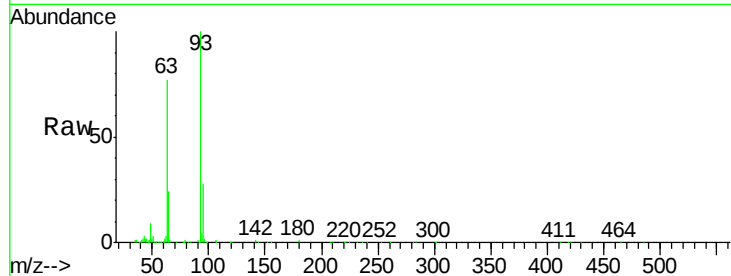




#11
bis(2-Chloroethyl)ether
Concen: 20.92 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

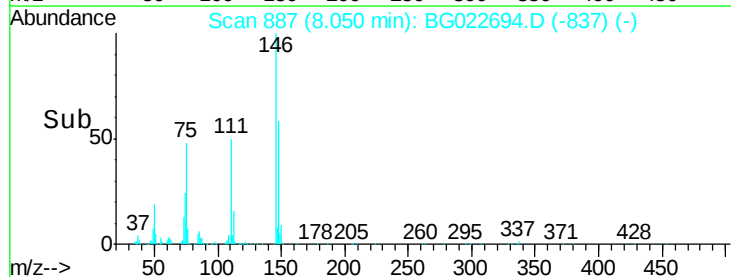
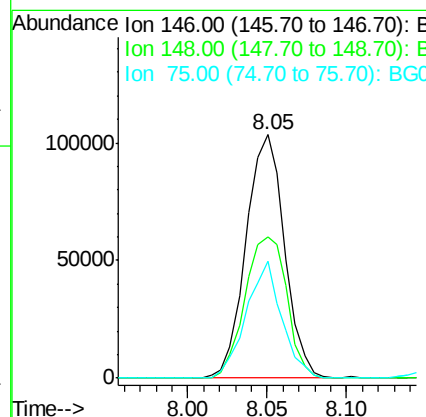
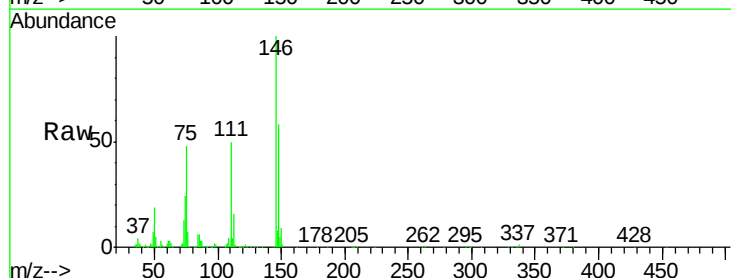
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

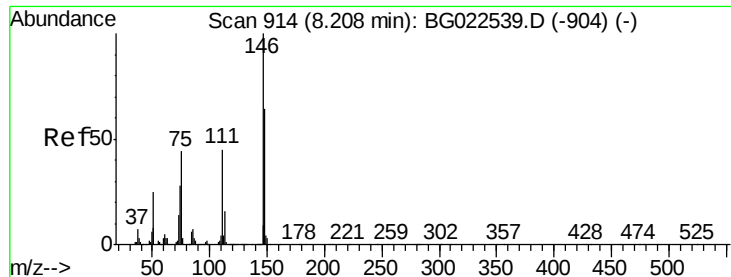
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	55.0	95.0
95	27.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 19.59 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.1	50.3	75.5
75	47.9	37.0	55.6

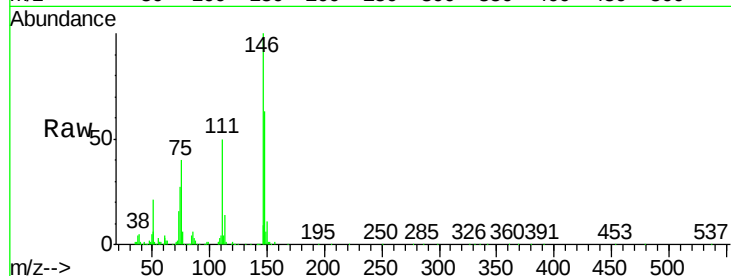




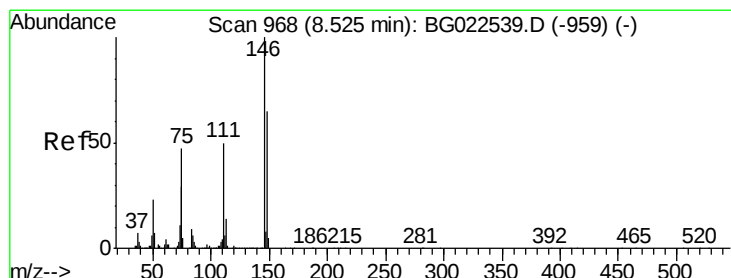
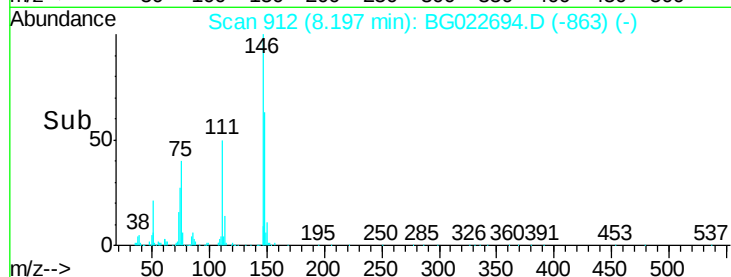
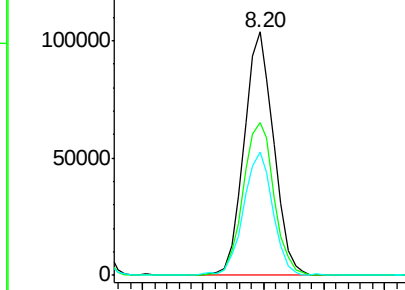
#13
 1,4-Dichlorobenzene
 Concen: 19.74 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	54.5	81.7
111	50.4	37.8	56.8

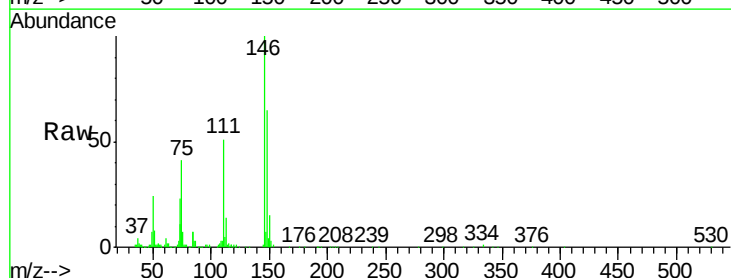


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

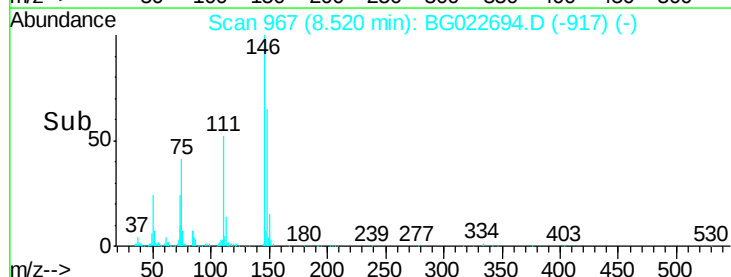
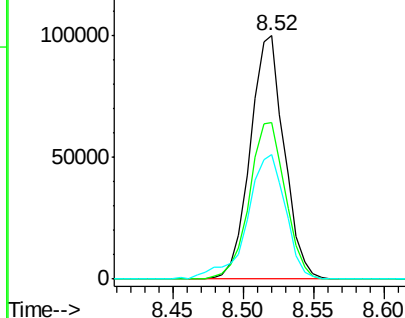


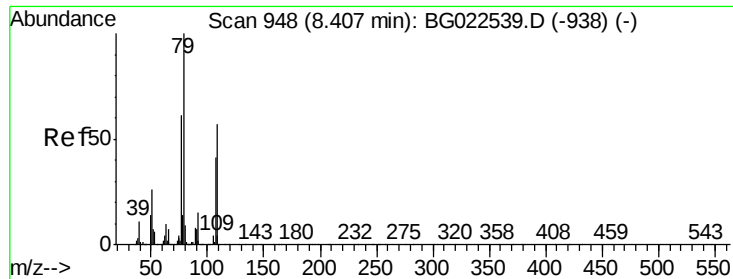
#14
 1,2-Dichlorobenzene
 Concen: 19.93 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.9	79.3
111	51.4	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: 22.70 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

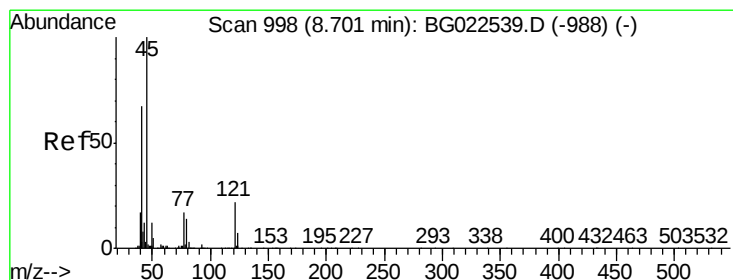
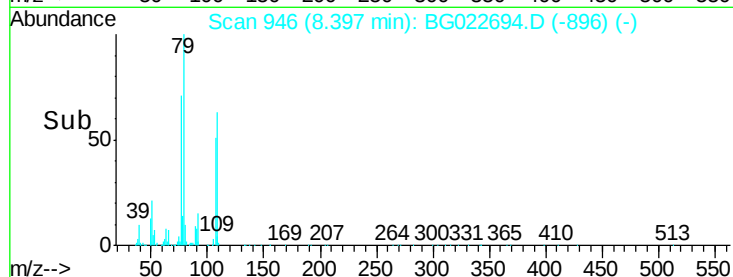
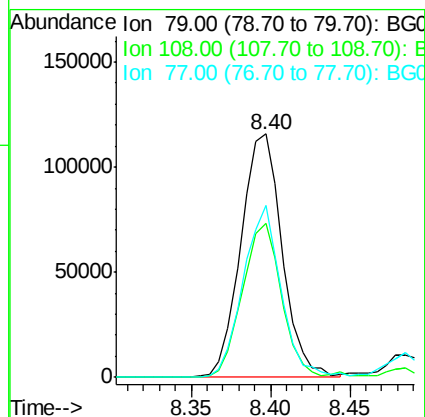
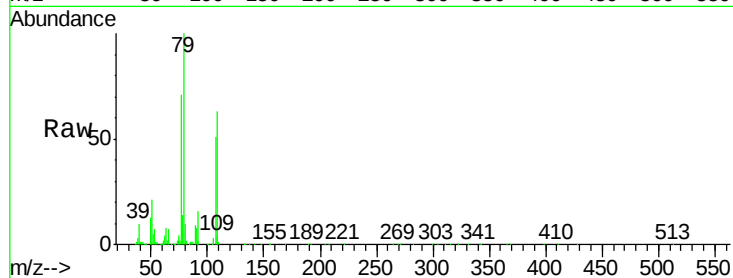
Tot Ion: 79 Resp: 208939

Ion Ratio Lower Upper

79 100

108 63.2 46.5 69.7

77 70.6 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.15 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

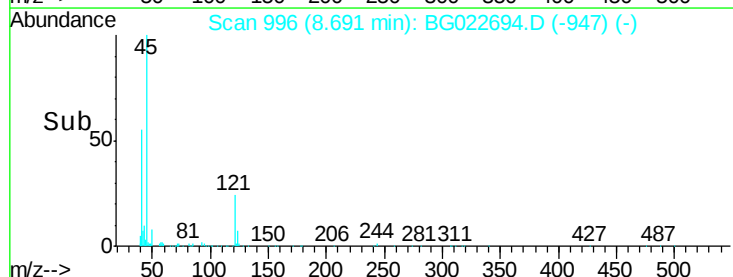
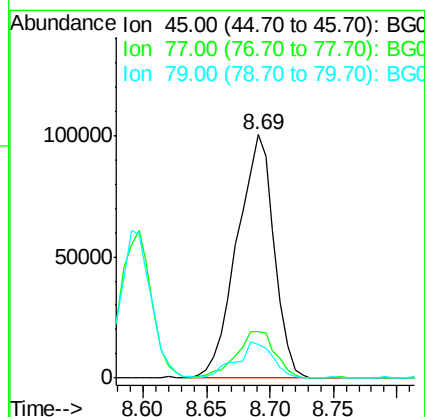
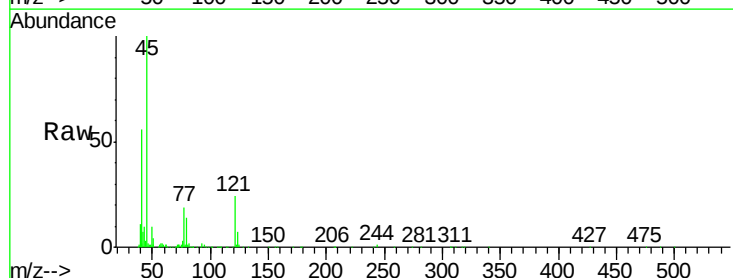
Tgt Ion: 45 Resp: 202470

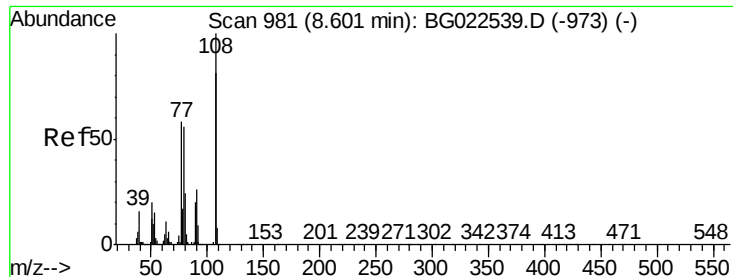
Ion Ratio Lower Upper

45 100

77 19.1 0.6 40.6

79 13.7 0.0 36.2





#17

2-Methylphenol

Concen: 23.34 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

Tot Ion:107 Resp: 161749

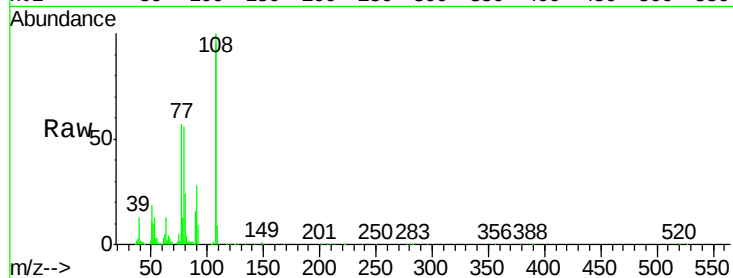
Ion Ratio Lower Upper

107 100

108 105.1 92.0 138.0

77 60.4 55.8 83.6

79 58.8 55.0 82.6

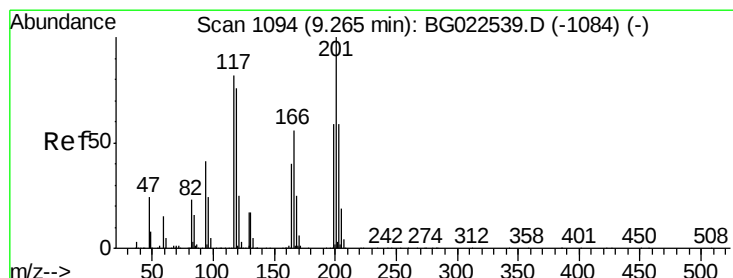
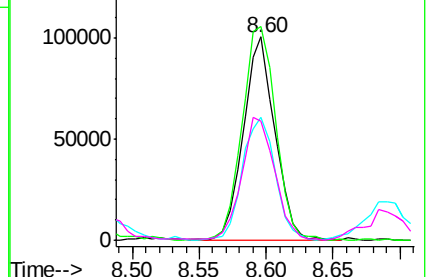
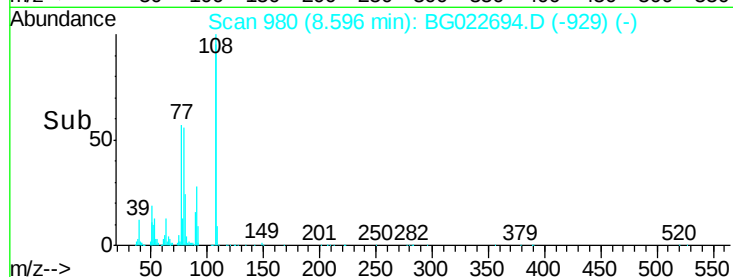


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 19.92 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

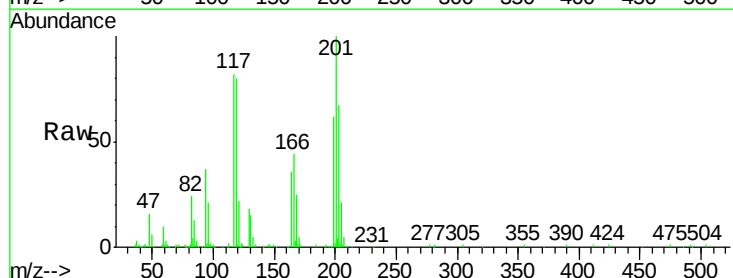
Tgt Ion:117 Resp: 73534

Ion Ratio Lower Upper

117 100

119 97.0 73.7 110.5

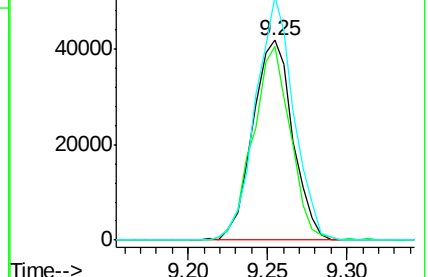
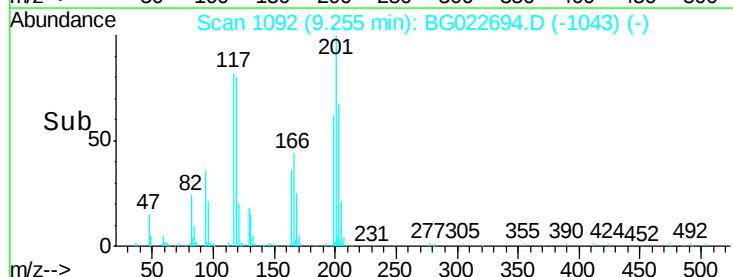
201 126.1 88.7 133.1

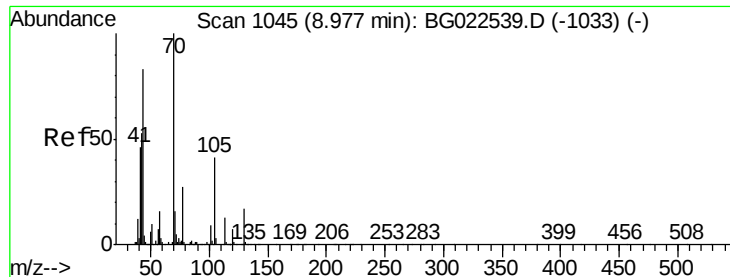


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

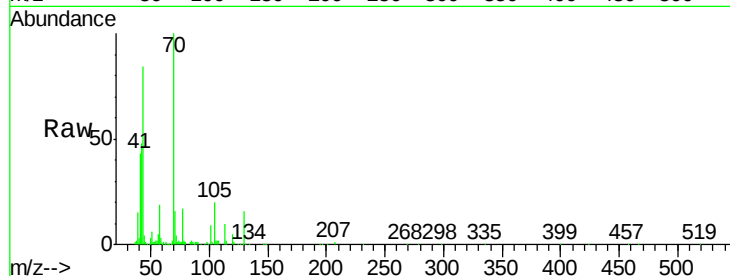




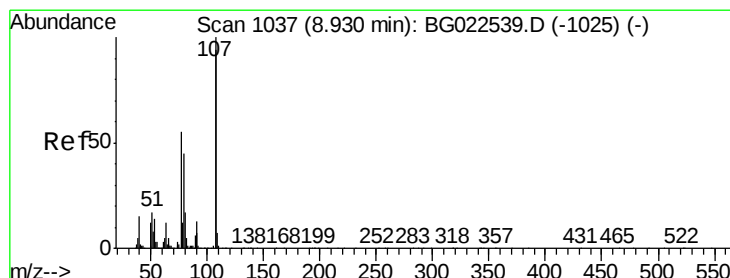
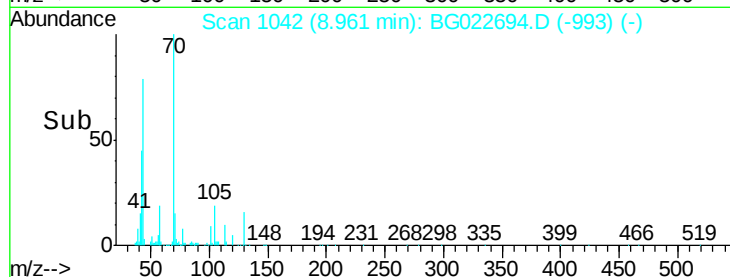
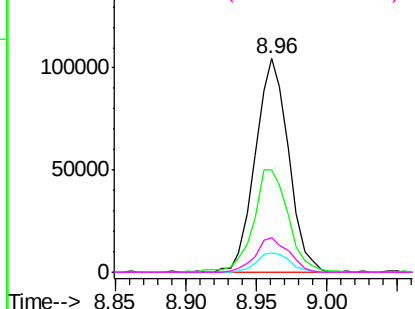
#19
n-Nitroso-di-n-propylamine
Concen: 20.91 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

Tot Ion:	70	Resp:	173178
Ion	Ratio	Lower	Upper
70	100		
42	47.9	42.1	63.1
101	8.8	7.2	10.8
130	16.3	14.2	21.2

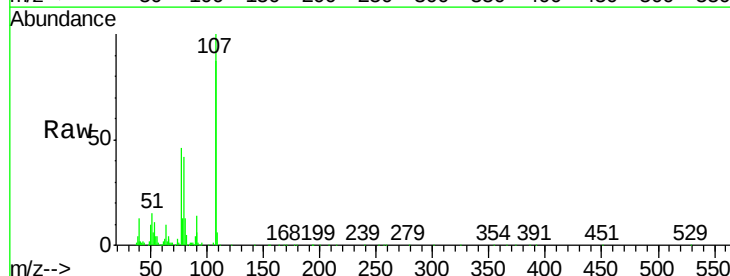


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

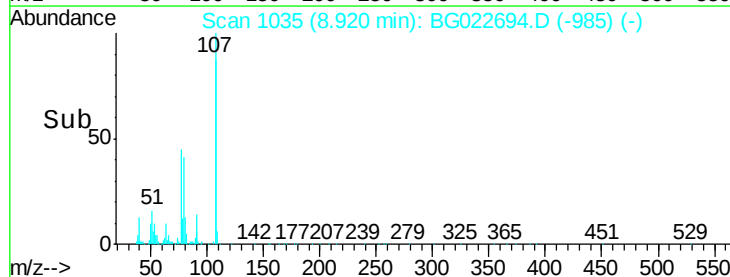
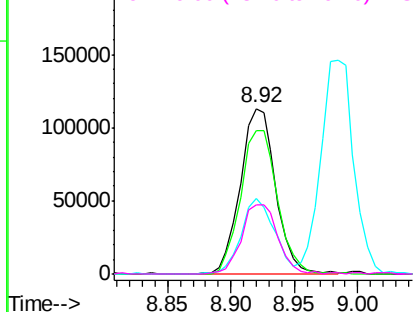


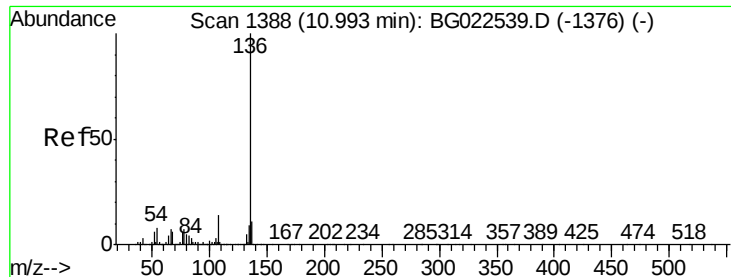
#20
3+4-Methylphenols
Concen: 22.89 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:	107	Resp:	218510
Ion	Ratio	Lower	Upper
107	100		
108	86.6	72.5	112.5
77	45.6	30.1	70.1
79	41.7	24.2	64.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

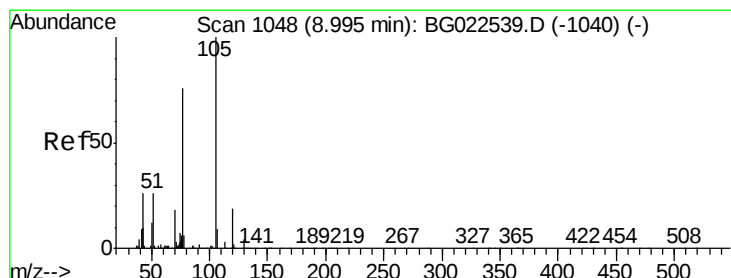
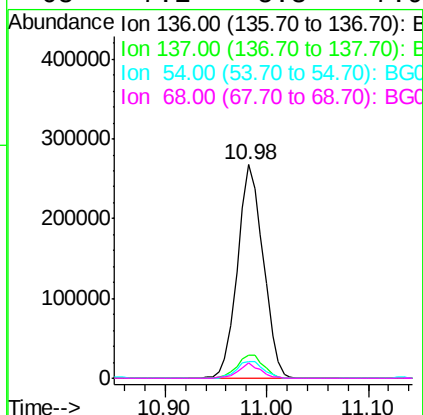
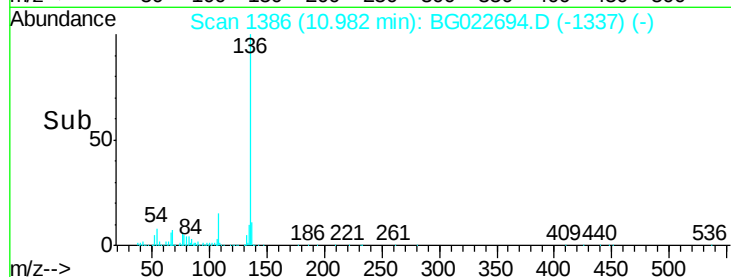
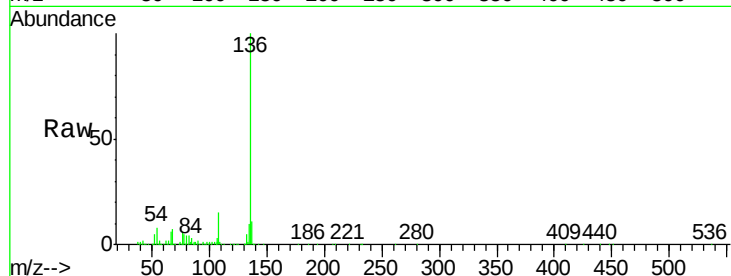




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

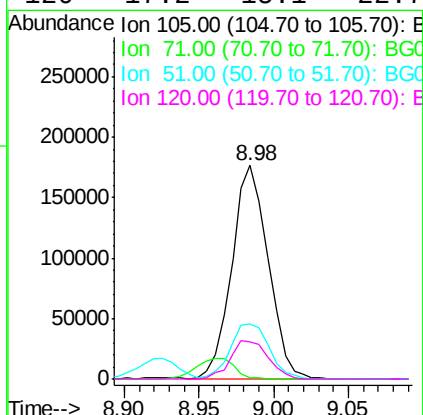
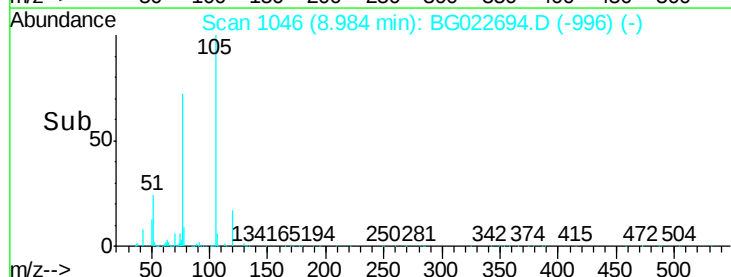
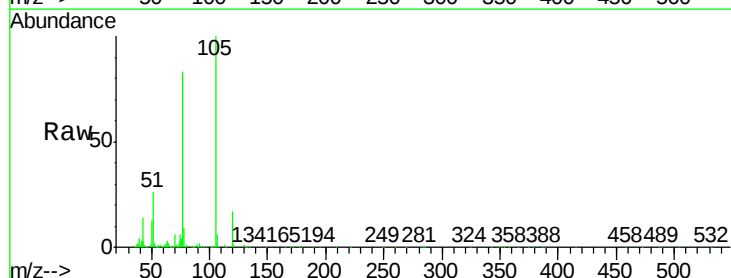
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

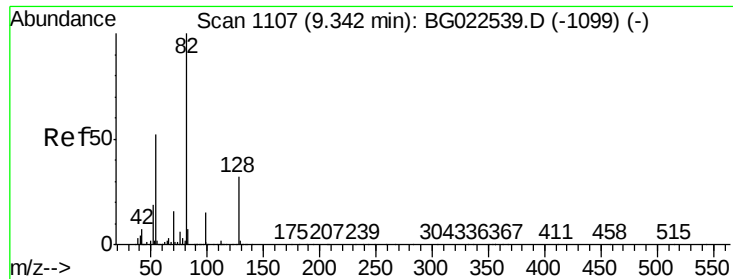
Tot Ion:136	Resp:	469970	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.6	14.4	
54 7.8	7.3	10.9	
68 7.1	5.3	7.9	



#22
Acetophenone
Concen: 22.07 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt	Ion:105	Resp:	299837
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.6	3.8#
51	26.0	27.1	40.7#
120	17.2	15.1	22.7

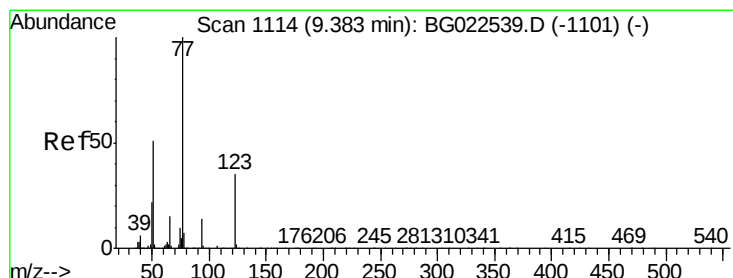
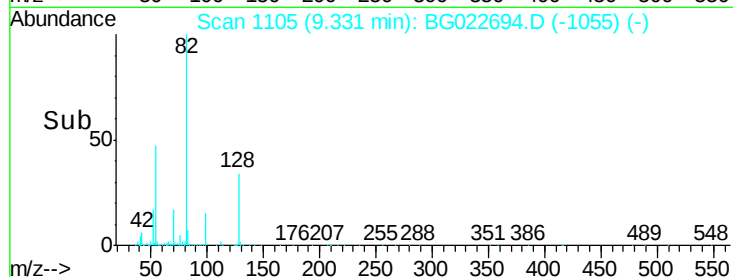
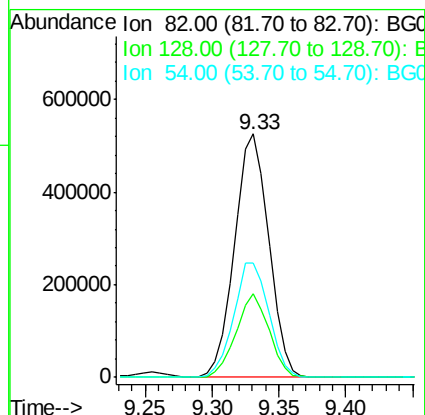
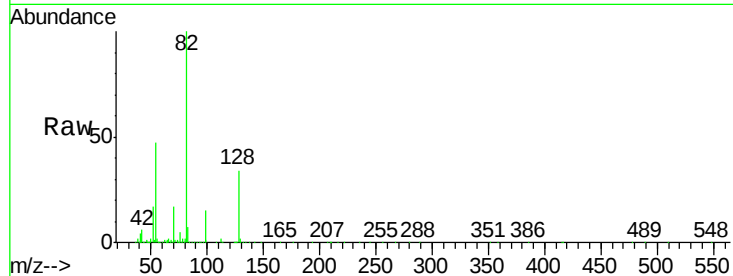




#23
 Nitrobenzene-d5
 Concen: 84.18 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

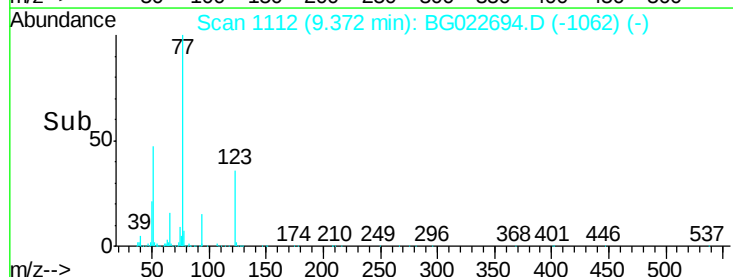
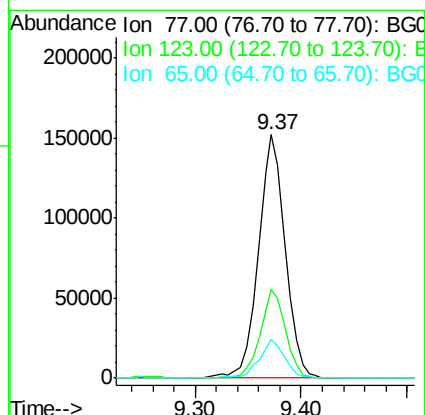
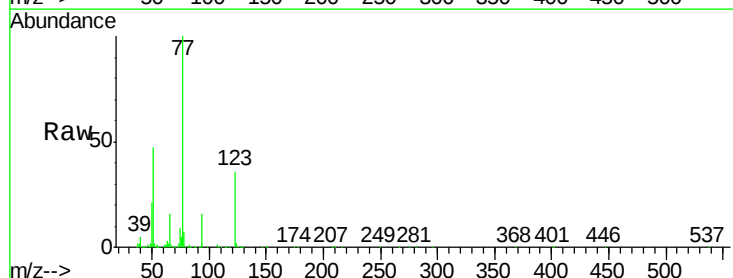
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

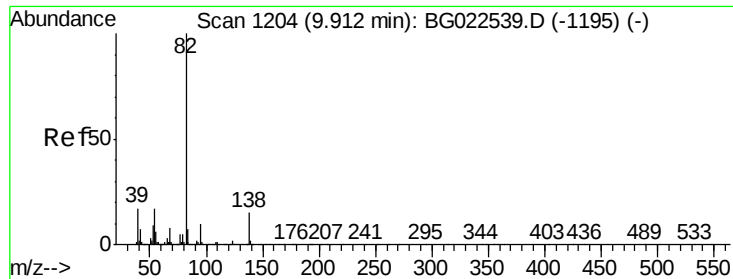
Tot Ion: 82 Resp: 934723
 Ion Ratio Lower Upper
 82 100
 128 34.4 24.4 36.6
 54 47.2 41.4 62.0



#24
 Nitrobenzene
 Concen: 21.75 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion: 77 Resp: 266971
 Ion Ratio Lower Upper
 77 100
 123 36.4 25.0 37.6
 65 16.0 13.4 20.0





#25

Isophorone

Concen: 20.81 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

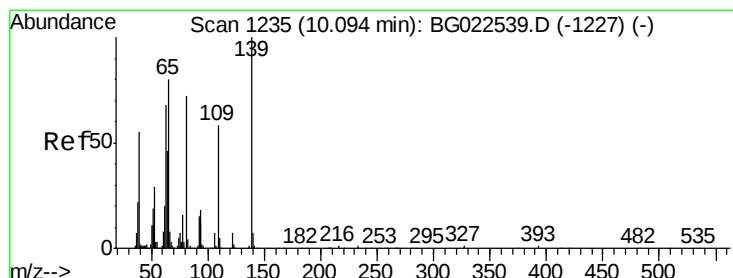
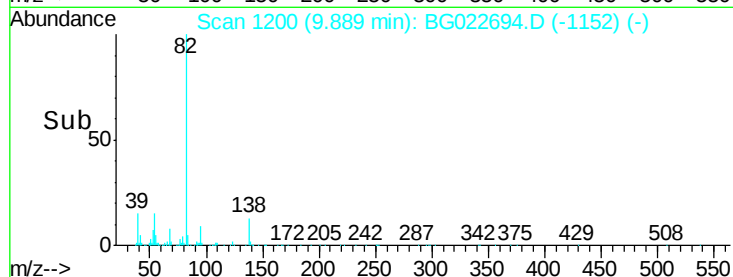
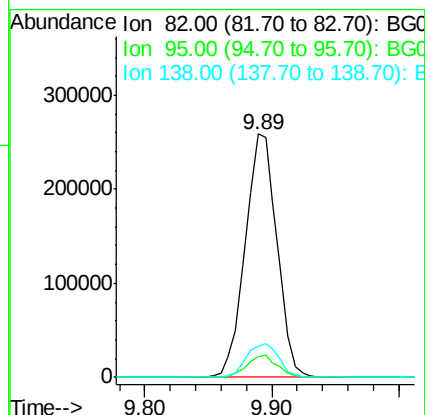
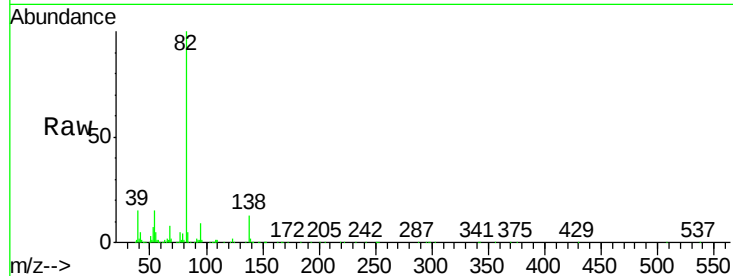
Tot Ion: 82 Resp: 448670

Ion Ratio Lower Upper

82 100

95 8.8 8.2 12.2

138 12.8 10.7 16.1



#26

2-Nitrophenol

Concen: 22.27 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

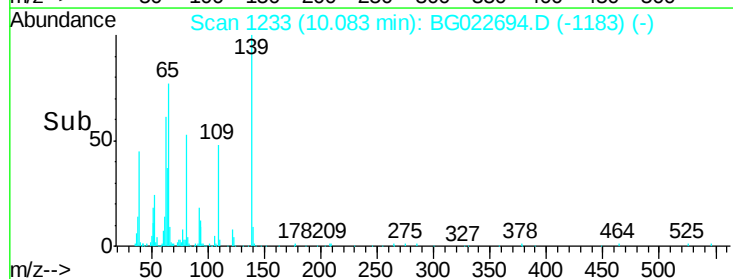
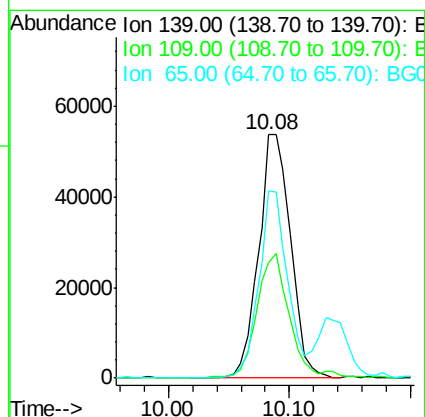
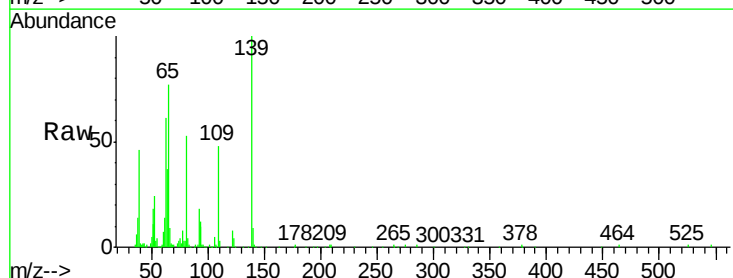
Tgt Ion: 139 Resp: 98453

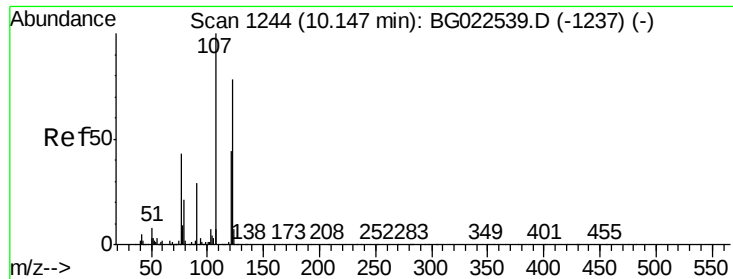
Ion Ratio Lower Upper

139 100

109 47.6 43.5 65.3

65 77.1 64.3 96.5

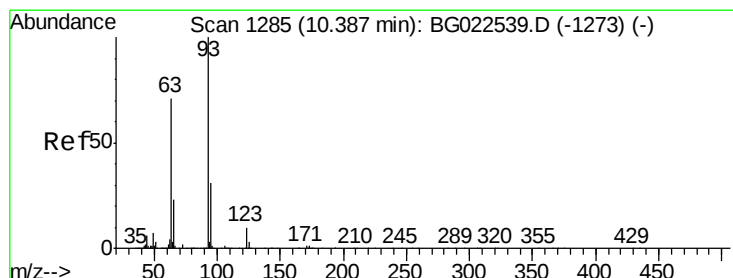
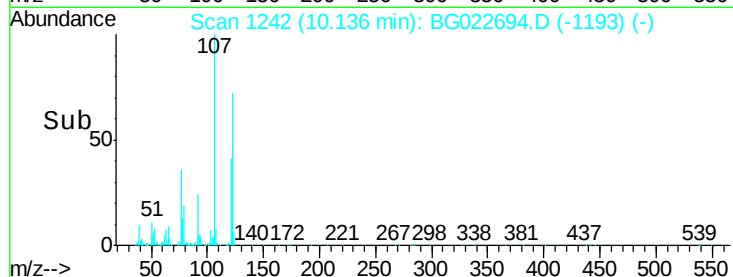
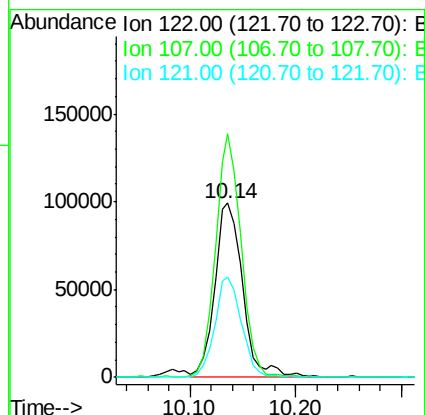
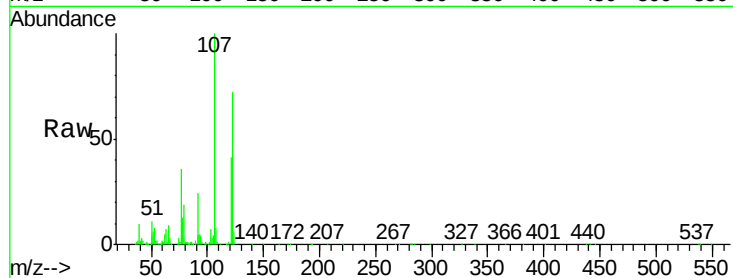




#27
2,4-Dimethylphenol
Concen: 21.59 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

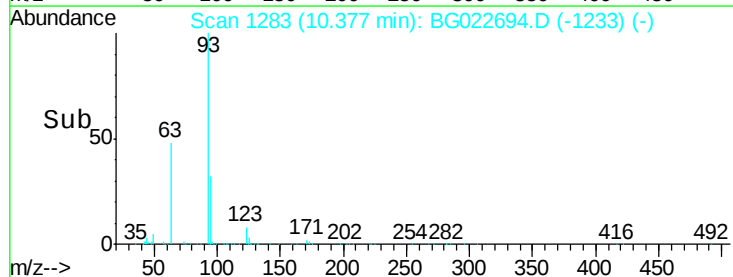
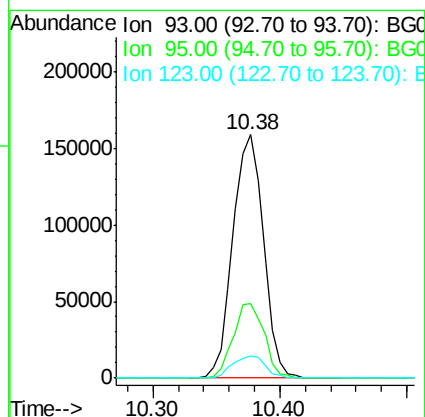
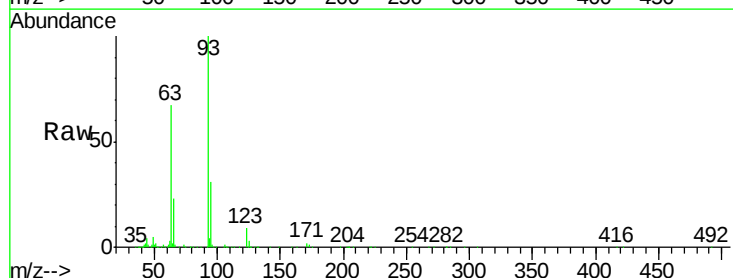
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

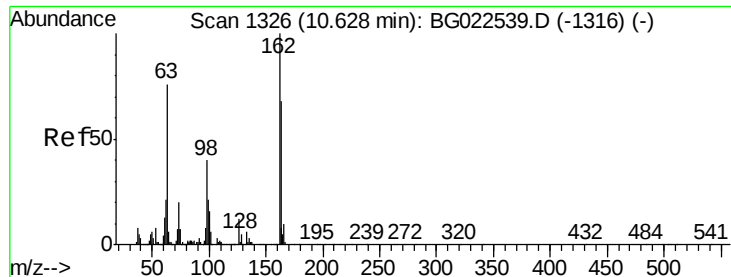
Tot Ion:122 Resp: 182320
Ion Ratio Lower Upper
122 100
107 139.8 117.0 175.4
121 57.9 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 22.51 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion: 93 Resp: 264871
Ion Ratio Lower Upper
93 100
95 30.9 25.4 38.2
123 9.3 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 24.76 ng

RT: 10.62 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

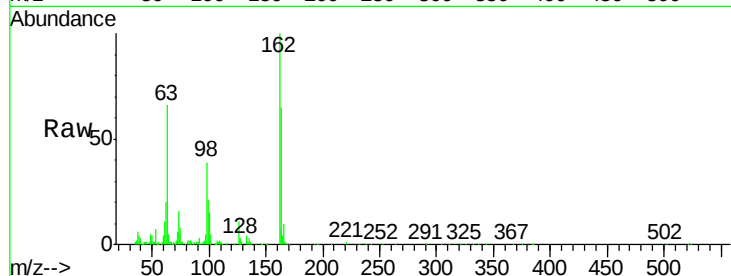
Tot Ion:162 Resp: 203750

Ion Ratio Lower Upper

162 100

164 65.3 44.3 84.3

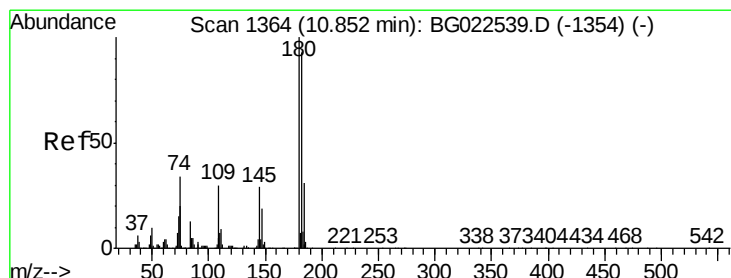
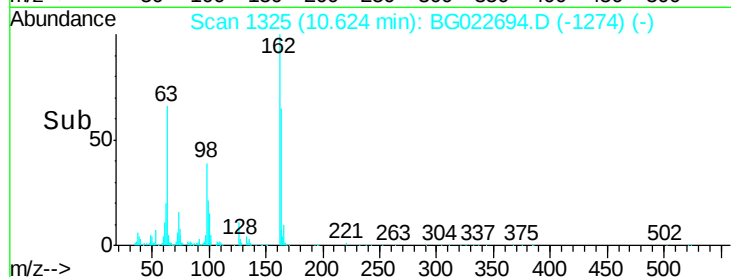
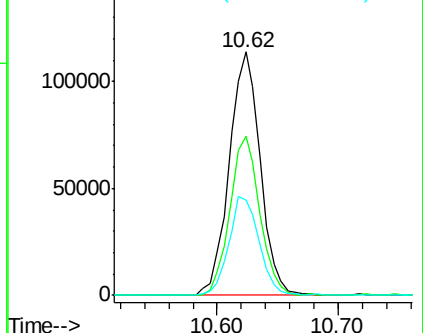
98 39.2 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 21.32 ng

RT: 10.84 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

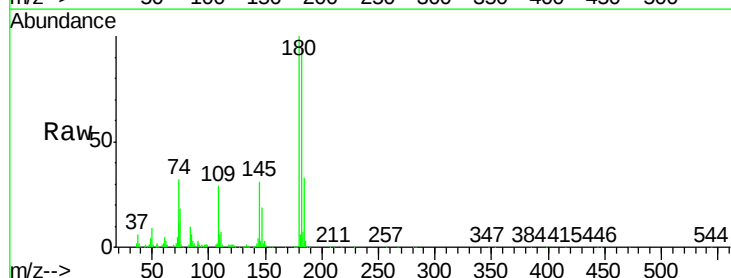
Tgt Ion:180 Resp: 208287

Ion Ratio Lower Upper

180 100

182 93.6 73.8 110.8

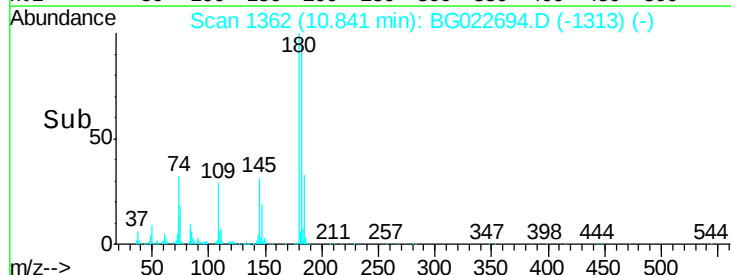
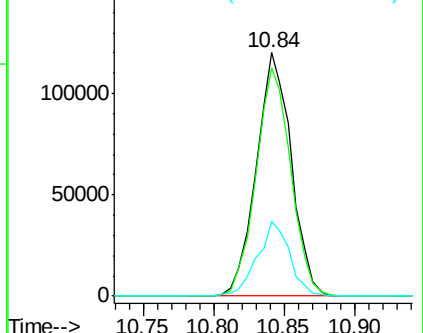
145 30.6 24.4 36.6

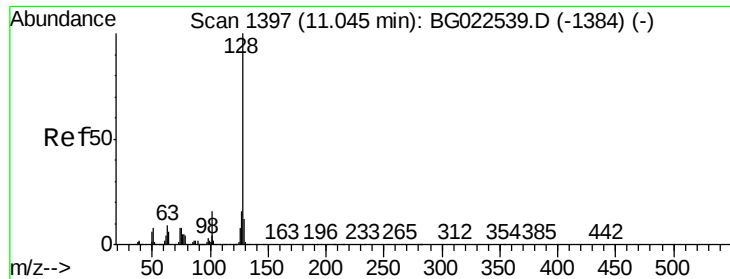


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

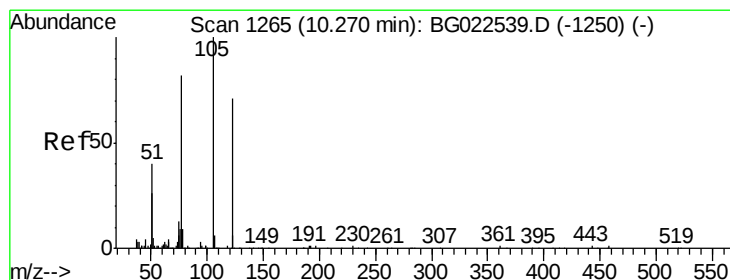
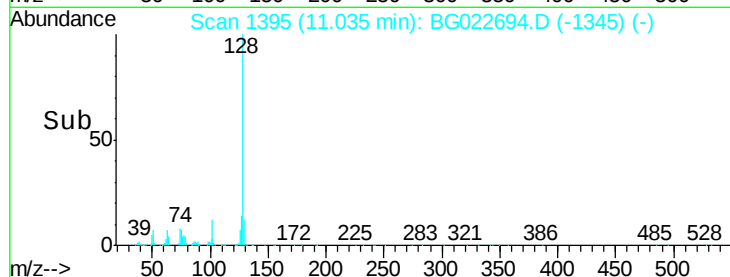
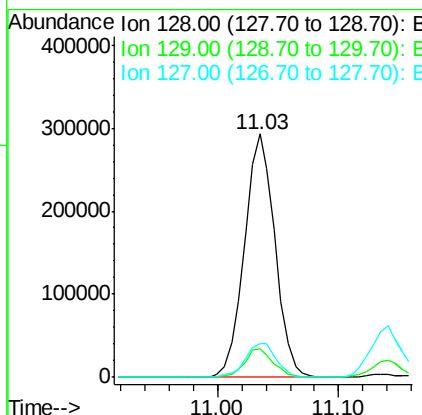
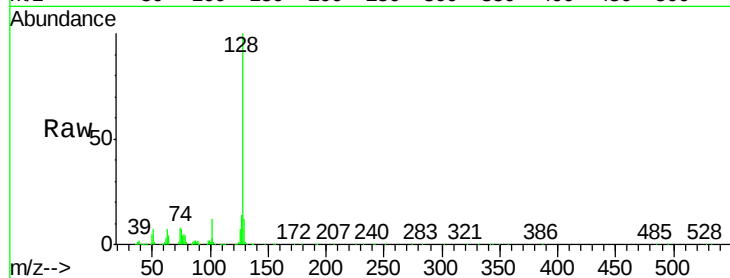




#31
Naphthalene
Concen: 21.73 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

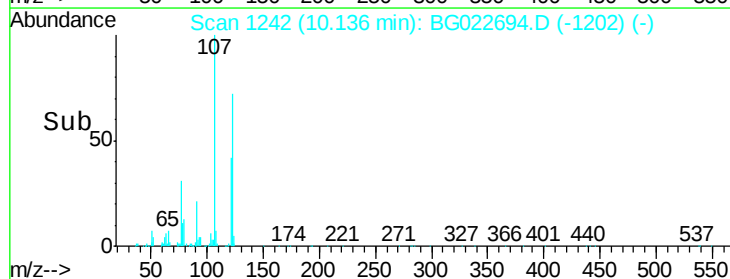
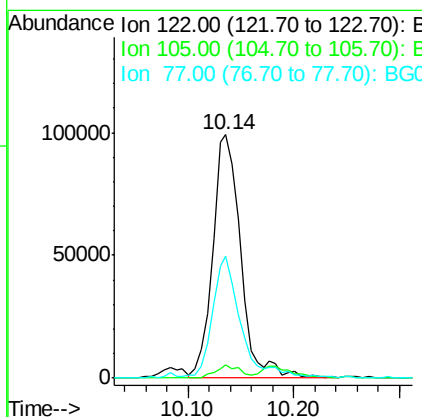
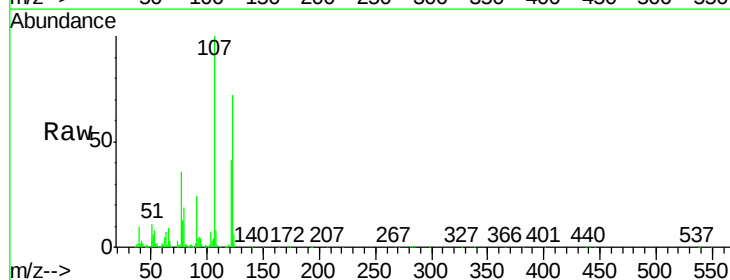
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

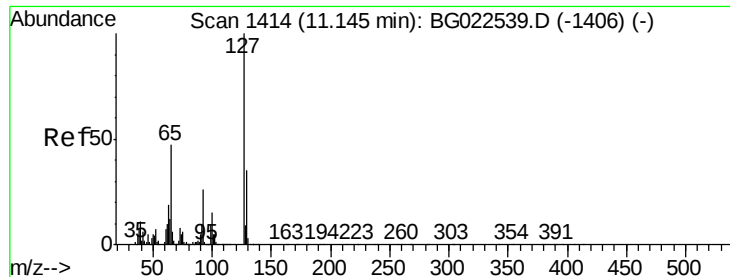
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 34.62 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.06 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	5.6	117.2	157.2#
77	50.1	109.2	149.2#

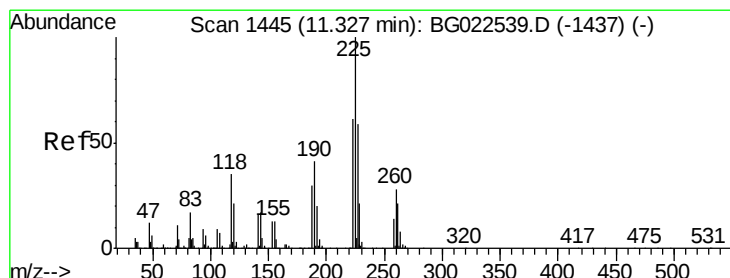
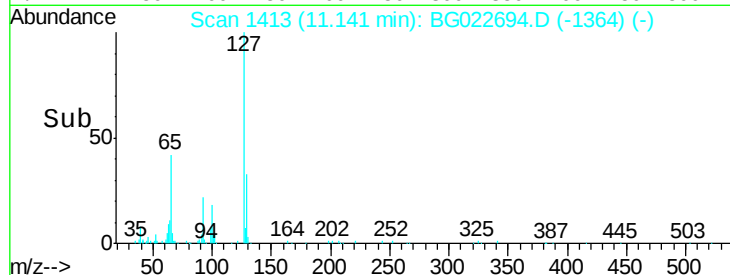
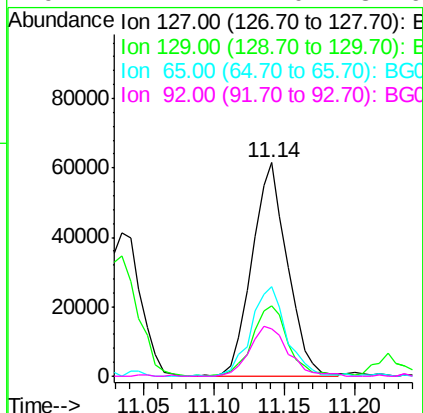
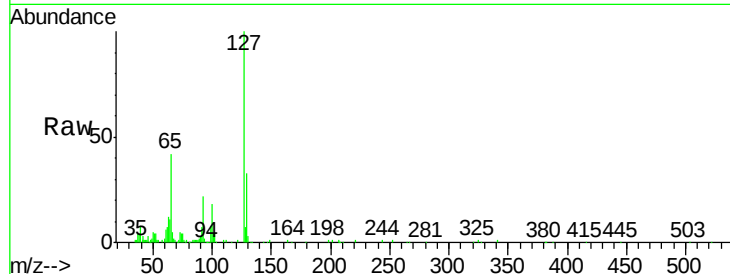




#33
4-Chloroaniline
Concen: 10.67 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

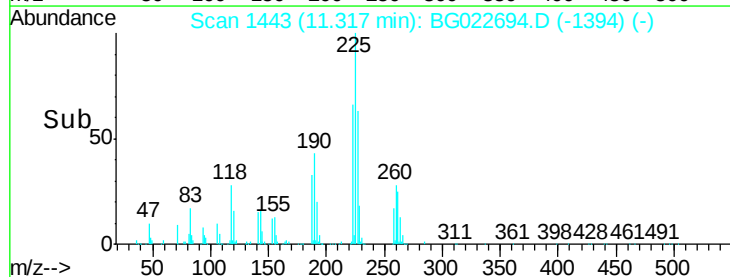
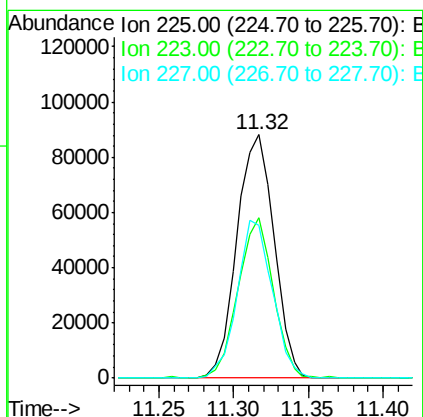
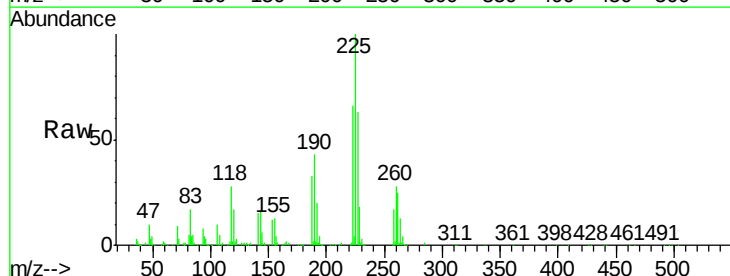
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

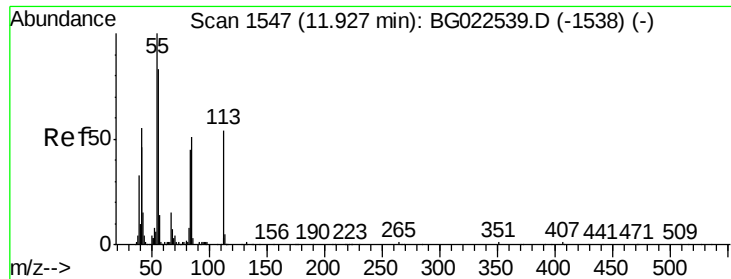
Tot Ion:	127	Resp:	108548
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.9	41.9
65	42.0	36.8	55.2
92	22.4	21.0	31.6



#34
Hexachlorobutadiene
Concen: 20.04 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:	225	Resp:	152181
Ion	Ratio	Lower	Upper
225	100		
223	65.9	49.6	74.4
227	62.6	54.5	81.7

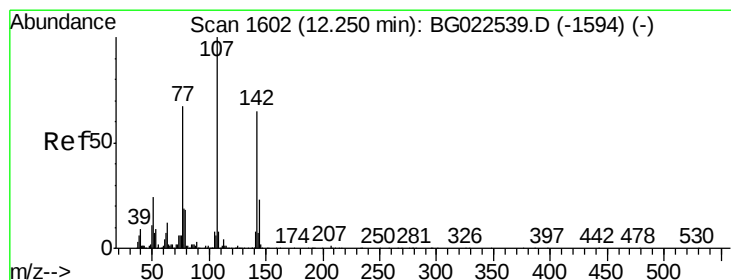
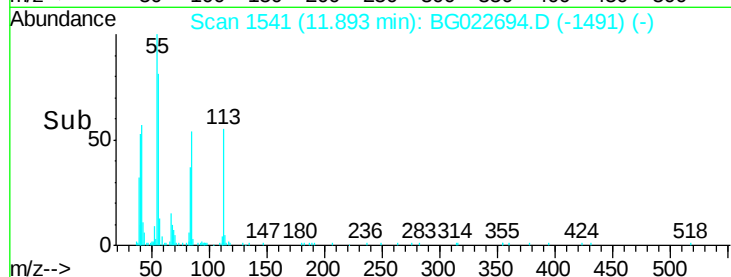
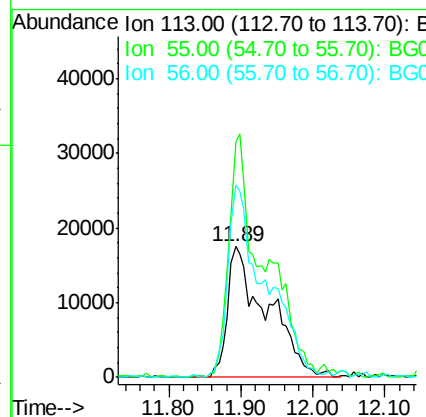
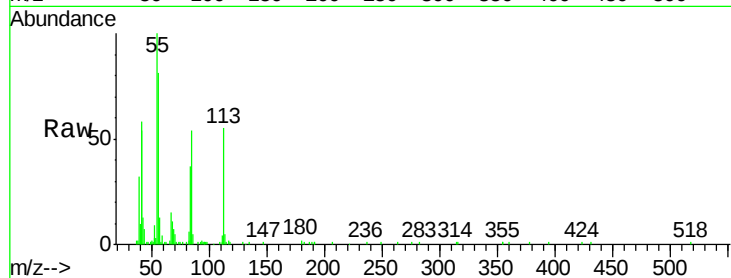




#35
Caprolactam
Concen: 25.70 ng/ml
RT: 11.89 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

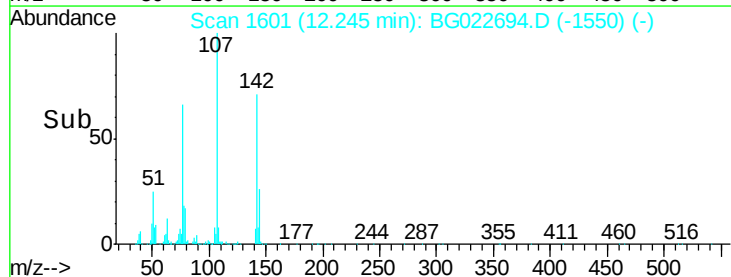
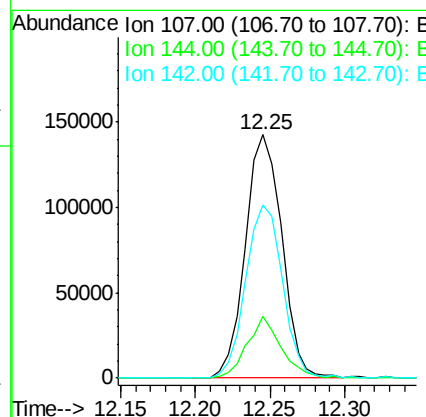
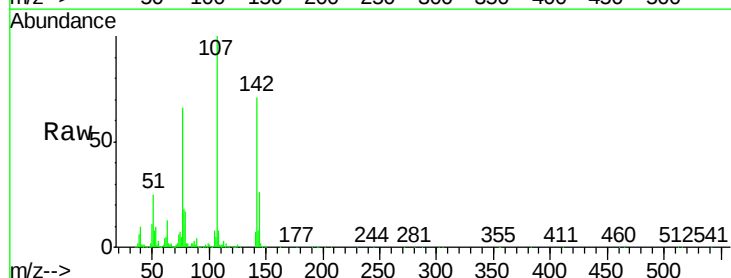
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

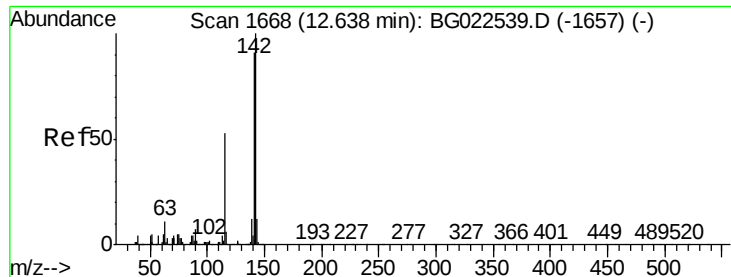
Tot Ion:113 Resp: 66627
Ion Ratio Lower Upper
113 100
55 181.0 154.5 194.5
56 147.1 125.1 165.1



#36
4-Chloro-3-methylphenol
Concen: 23.91 ng
RT: 12.25 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:107 Resp: 241513
Ion Ratio Lower Upper
107 100
144 25.5 17.0 25.6
142 71.2 53.0 79.6

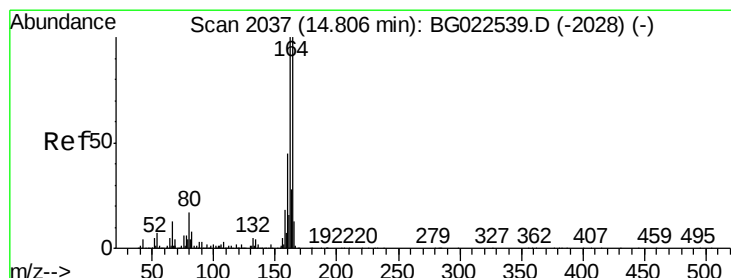
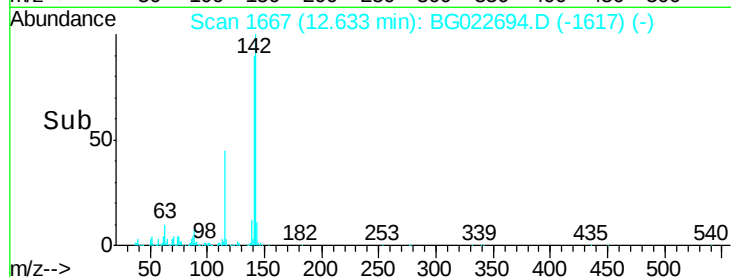
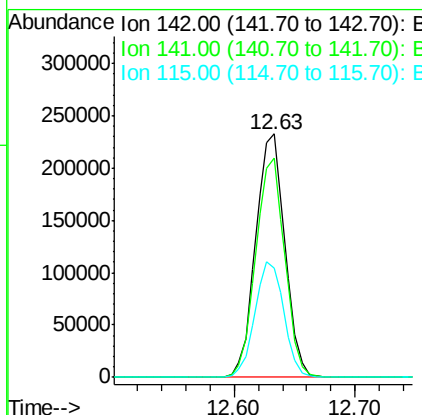
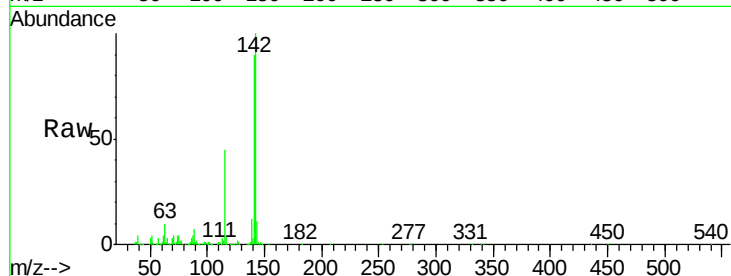




#37
2-Methylnaphthalene
Concen: 21.42 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

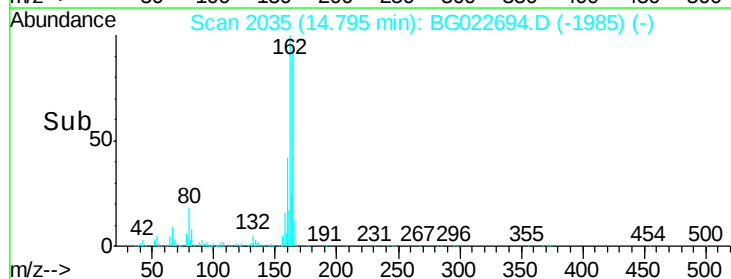
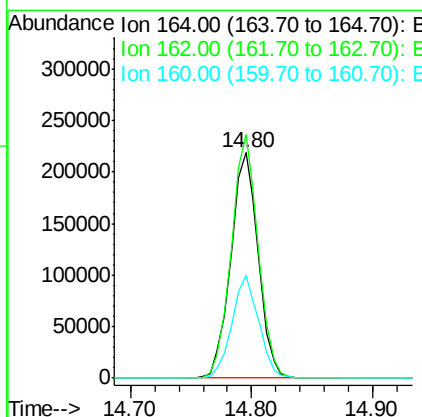
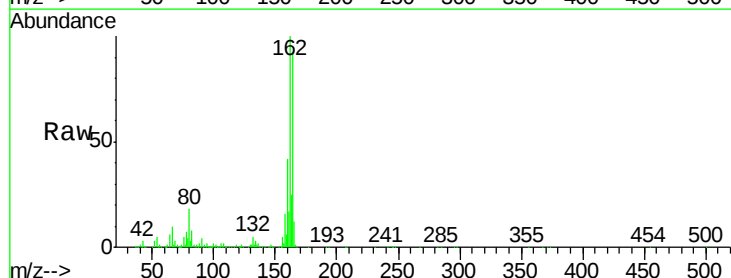
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

Tot Ion:142 Resp: 392477
Ion Ratio Lower Upper
142 100
141 90.1 70.2 105.2
115 44.9 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:164 Resp: 343592
Ion Ratio Lower Upper
164 100
162 108.1 87.7 131.5
160 45.9 37.2 55.8

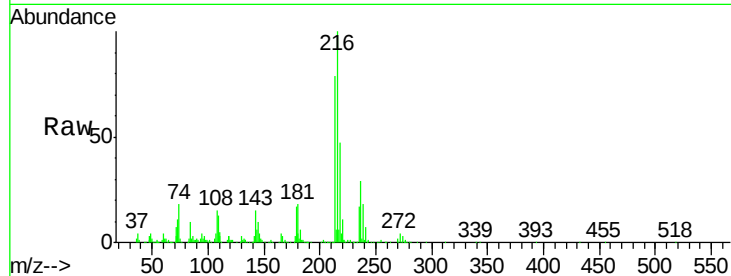




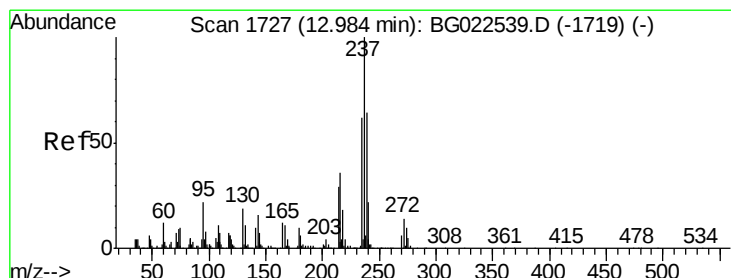
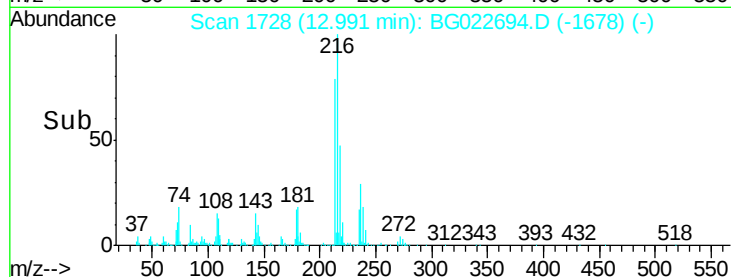
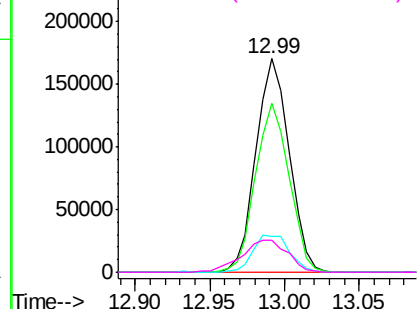
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.28 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

Tot Ion:	216	Resp:	263117
Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.9	94.3
179	18.8	17.2	25.8
108	20.5	16.3	24.5

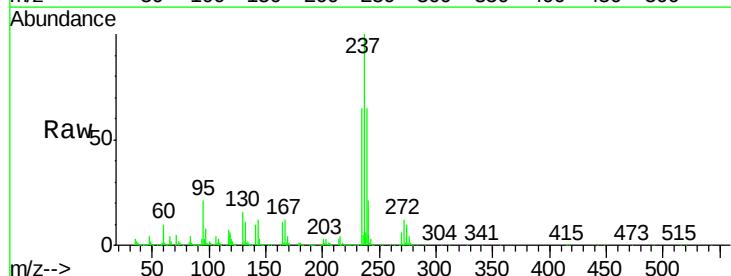


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

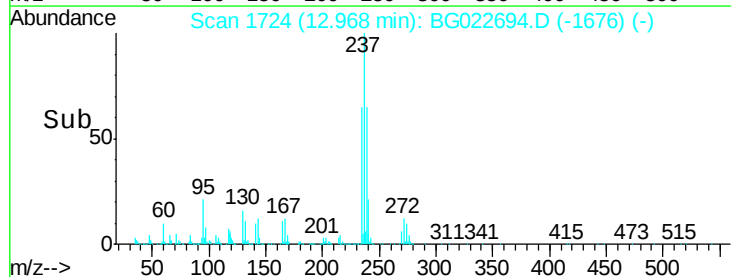
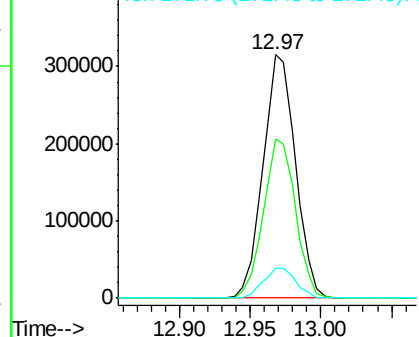


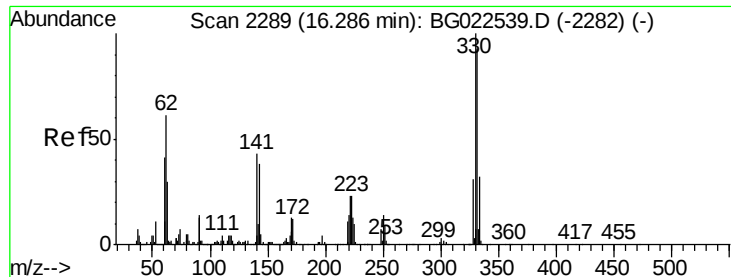
#40
 Hexachlorocyclopentadiene
 Concen: 49.11 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion:	237	Resp:	508516
Ion	Ratio	Lower	Upper
237	100		
235	65.4	43.1	83.1
272	12.1	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

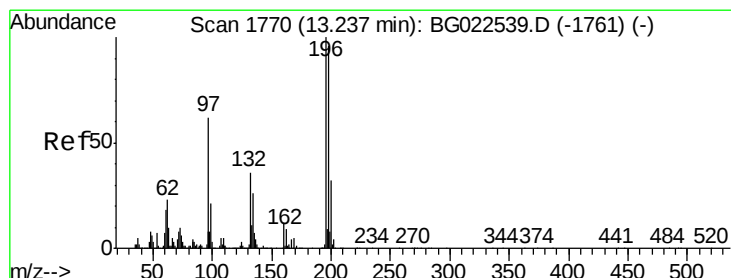
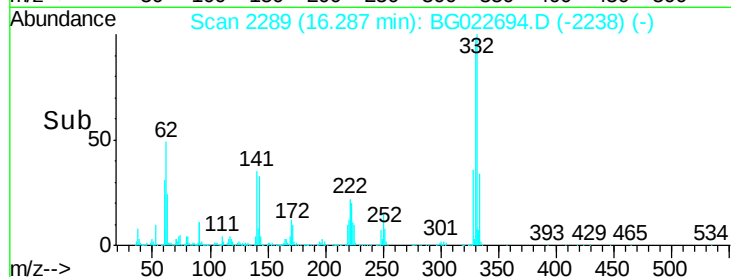
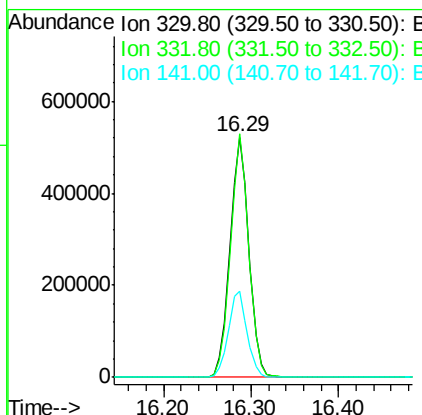
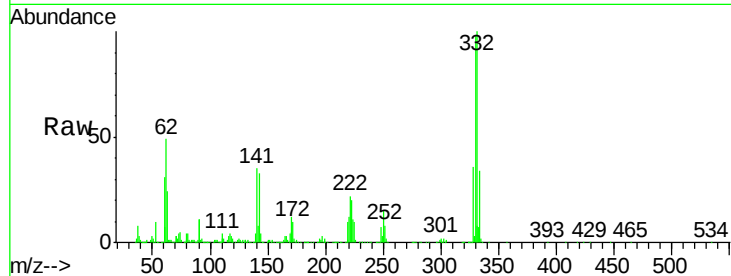




#41
 2,4,6-Tribromophenol
 Concen: 143.05 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

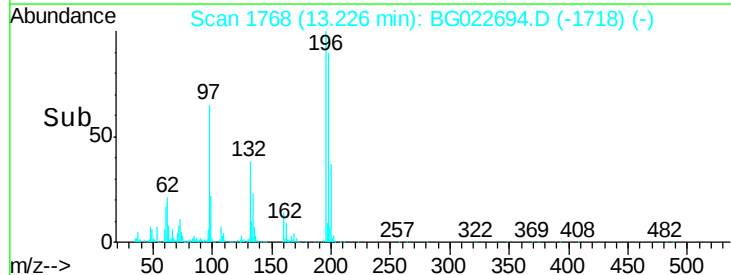
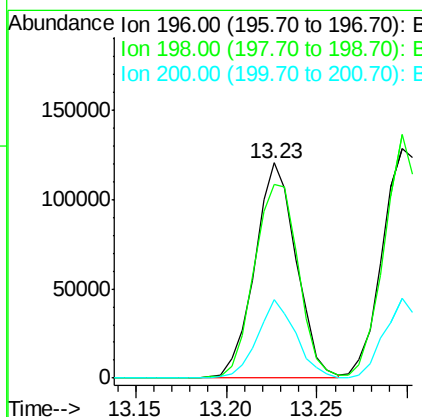
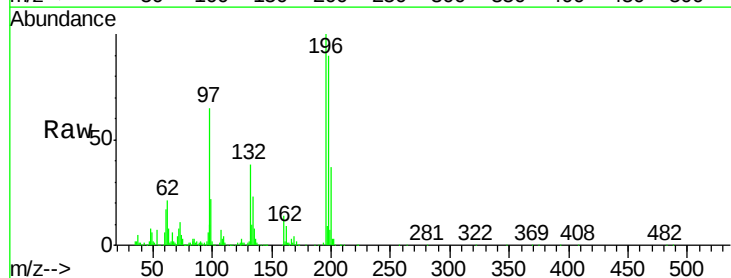
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

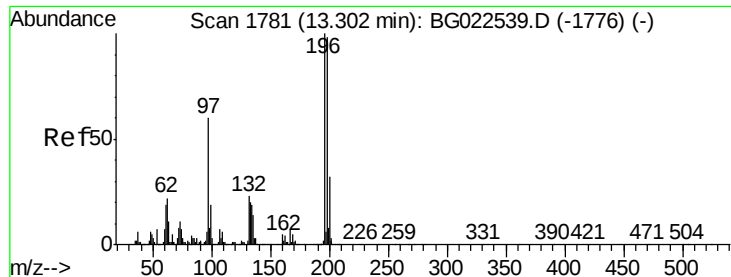
Tot Ion:330 Resp: 773071
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 35.4 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 23.05 ng
 RT: 13.23 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion:196 Resp: 191722
 Ion Ratio Lower Upper
 196 100
 198 90.0 78.2 117.2
 200 36.6 27.0 40.4

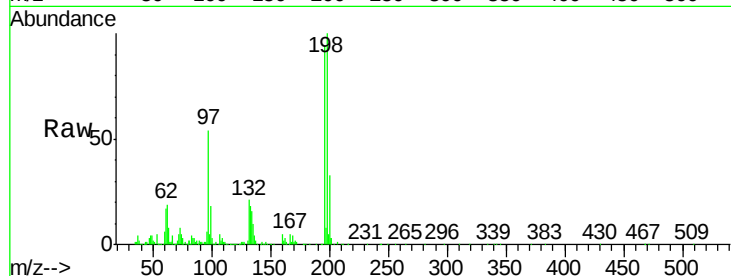




#43
 2,4,5-Trichlorophenol
 Concen: 24.59 ng
 RT: 13.30 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	106.0	85.7	128.5	
97	57.8	45.5	68.3	
132	22.6	18.9	28.3	



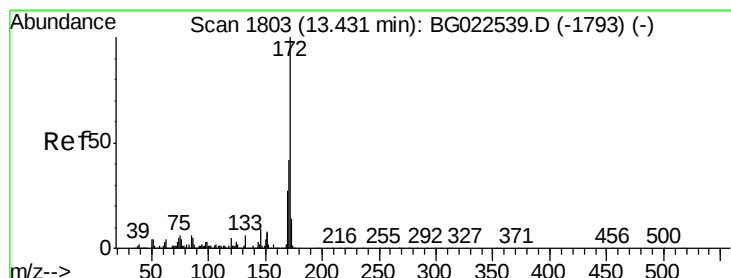
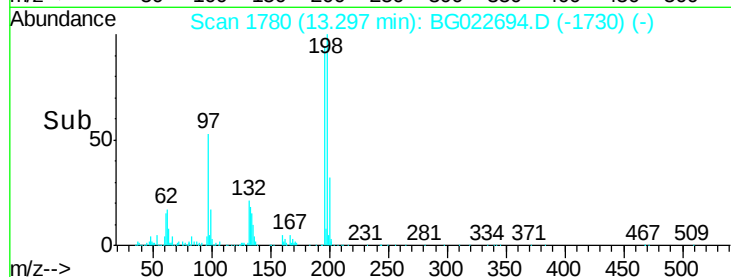
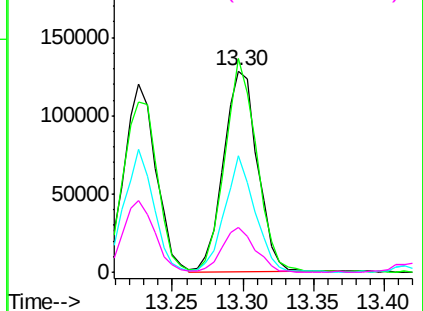
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

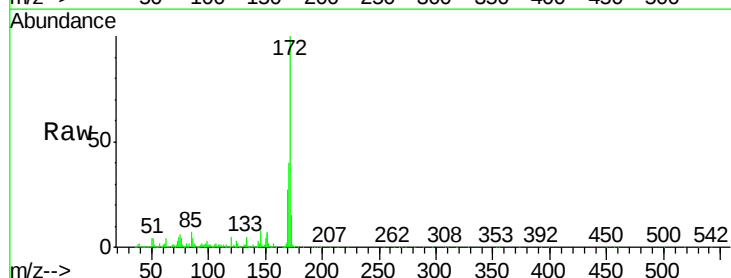
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.68 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	40.0	31.6	47.4	
170	27.2	21.3	31.9	

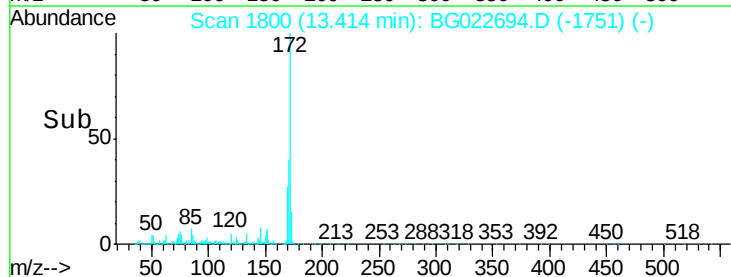
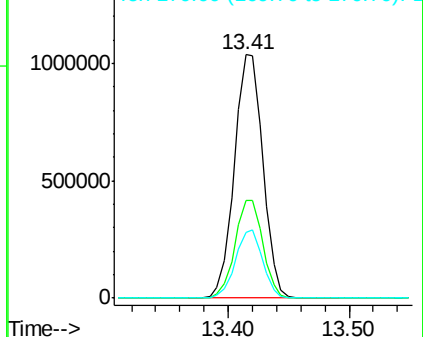


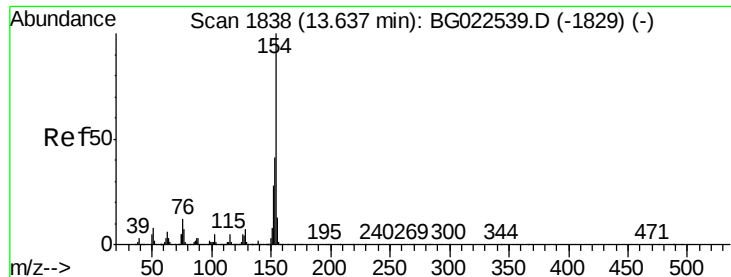
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 20.41 ng

RT: 13.63 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

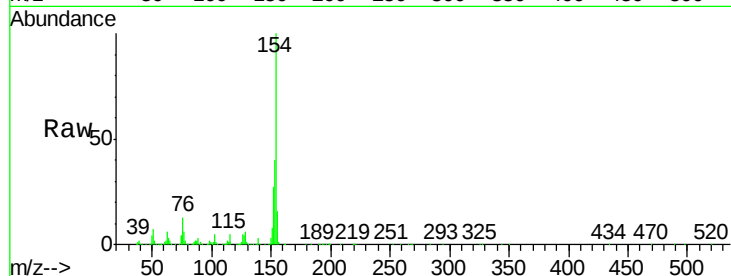
Tot Ion:154 Resp: 534333

Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

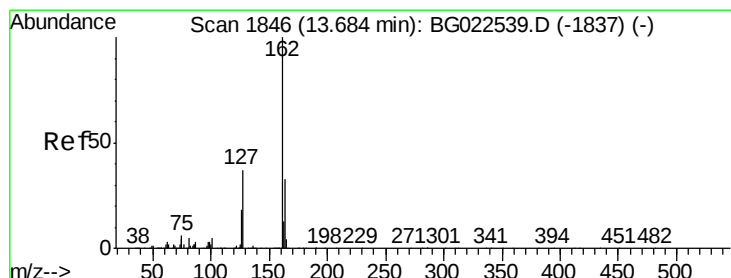
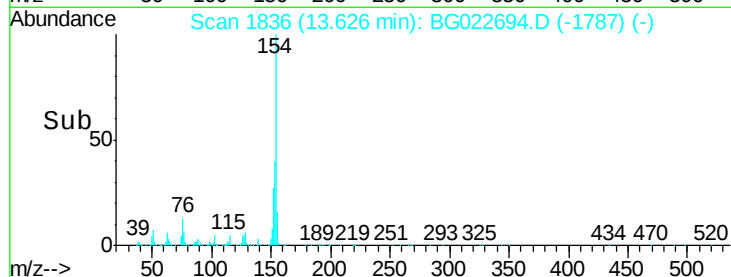
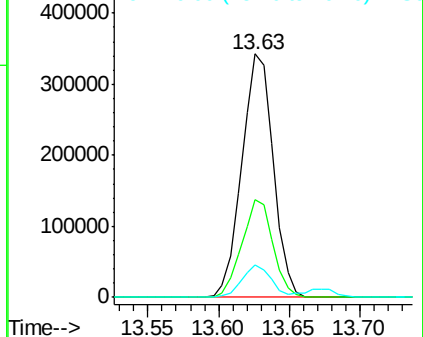
76 13.4 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 21.10 ng

RT: 13.67 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

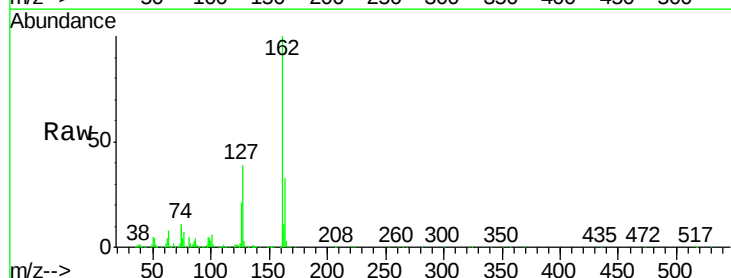
Tgt Ion:162 Resp: 454360

Ion Ratio Lower Upper

162 100

127 38.9 32.4 48.6

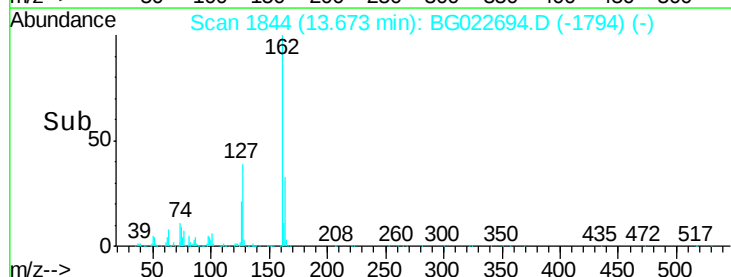
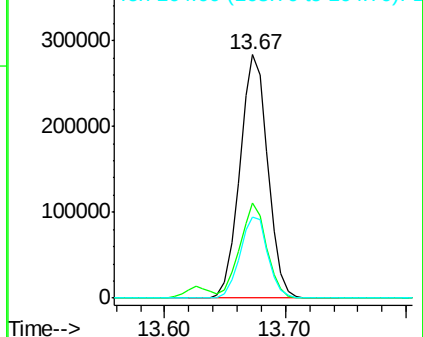
164 33.1 25.2 37.8

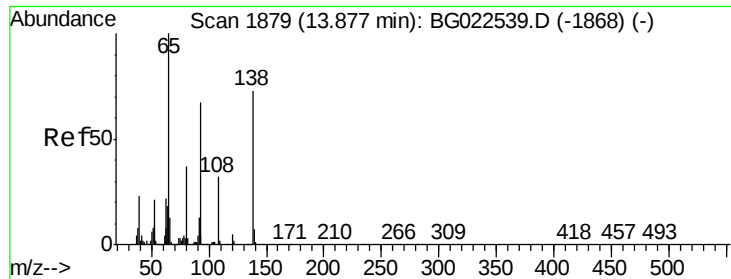


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

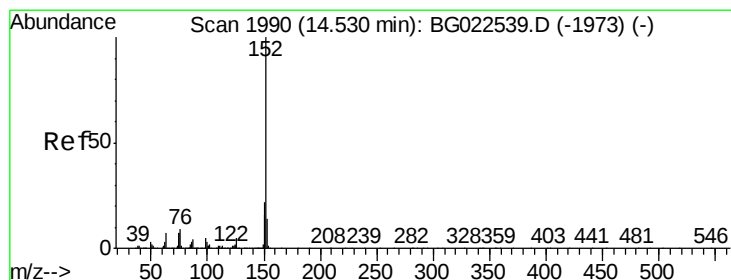
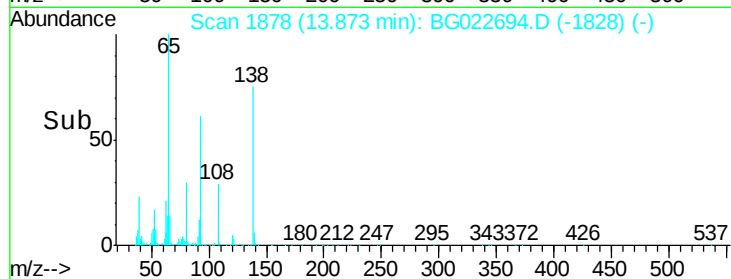
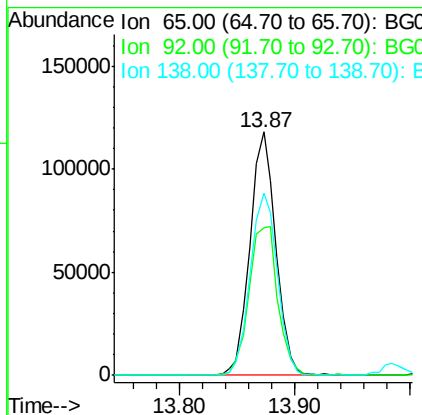
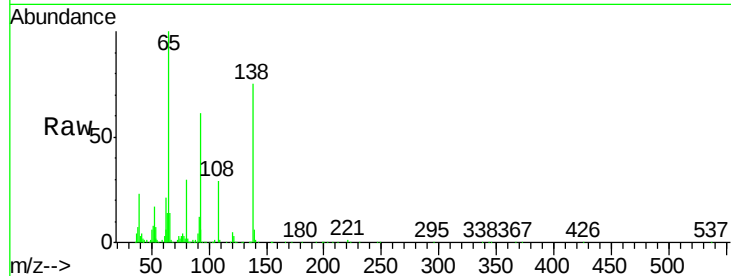




#47
2-Nitroaniline
Concen: 22.17 ng
RT: 13.87 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

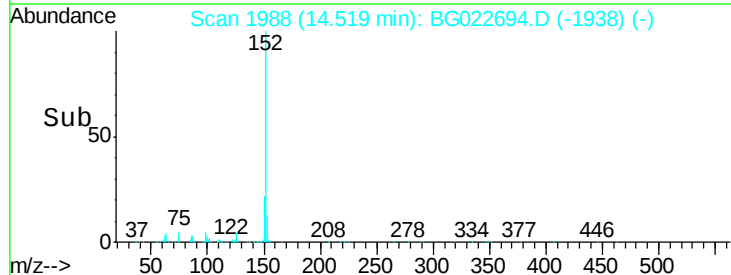
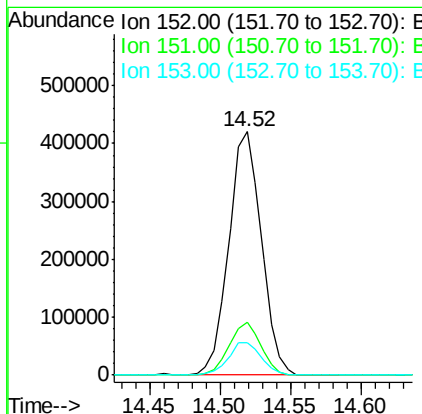
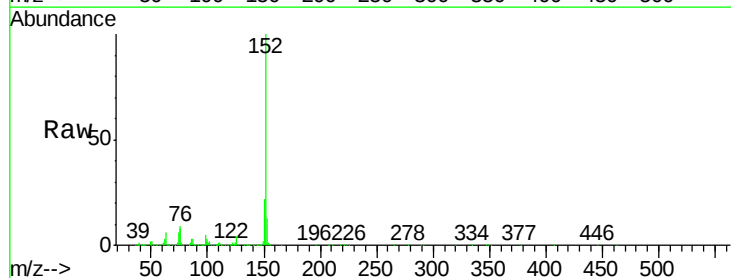
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

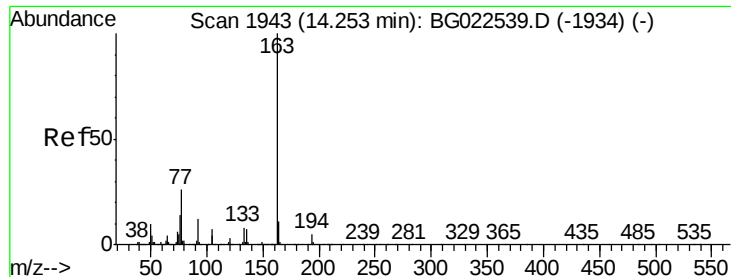
Tot Ion	Ratio	Lower	Upper
65	100		
92	60.9	49.4	74.0
138	74.7	58.0	87.0



#48
Acenaphthylene
Concen: 21.61 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.6	26.4
153	13.2	11.4	17.2

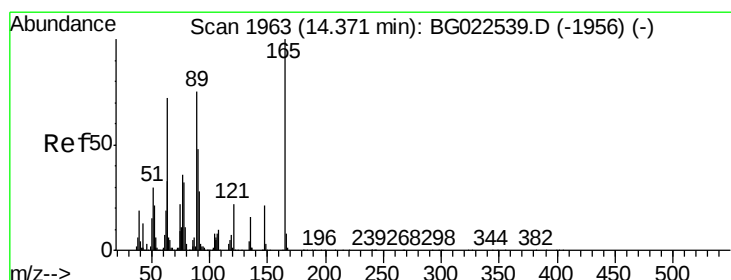
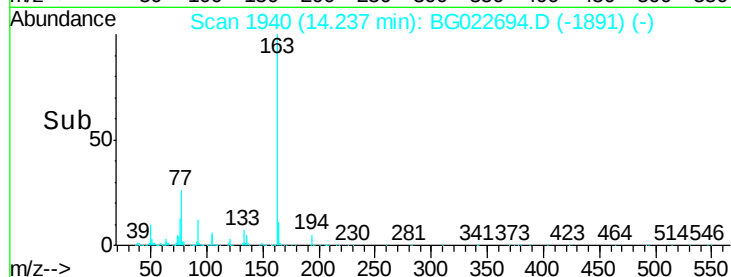
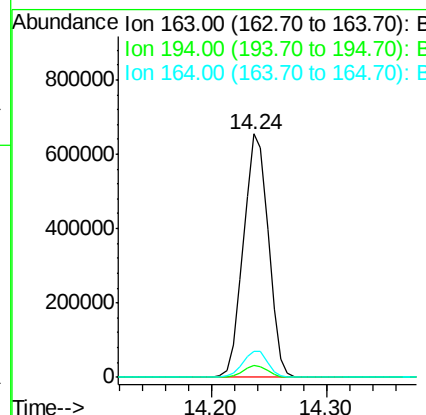
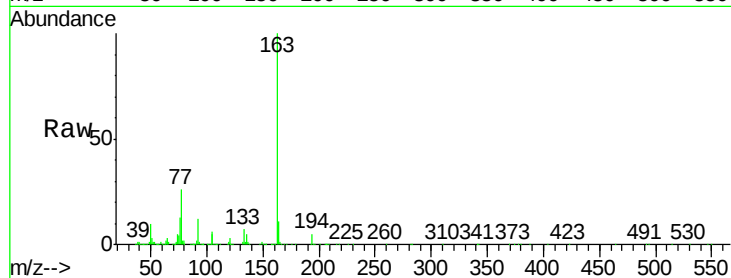




#49
Dimethylphthalate
Concen: 34.40 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

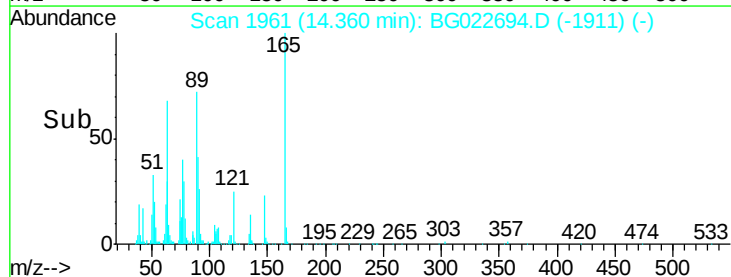
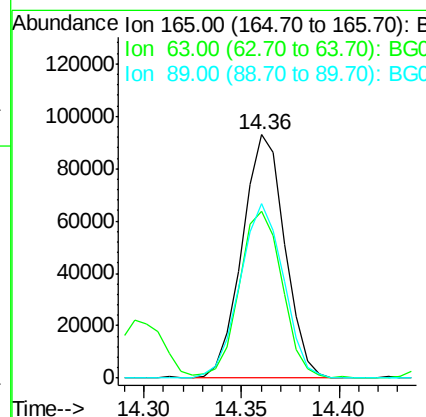
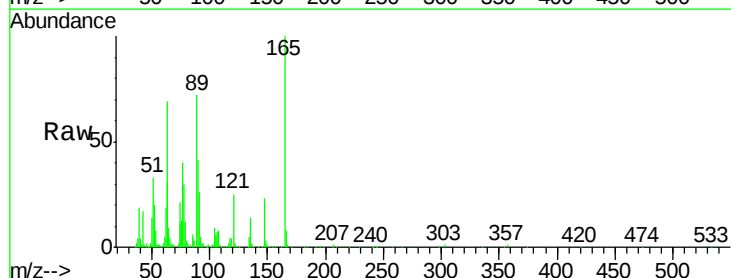
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

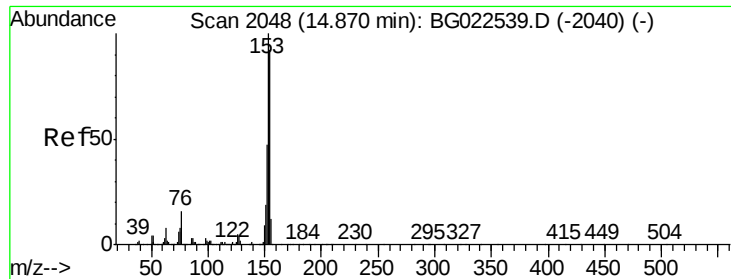
Tot Ion:163 Resp: 980486
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.8 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 22.68 ng
RT: 14.36 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:165 Resp: 140471
Ion Ratio Lower Upper
165 100
63 68.6 64.3 96.5
89 71.7 64.3 96.5





#51

Acenaphthene

Concen: 19.60 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

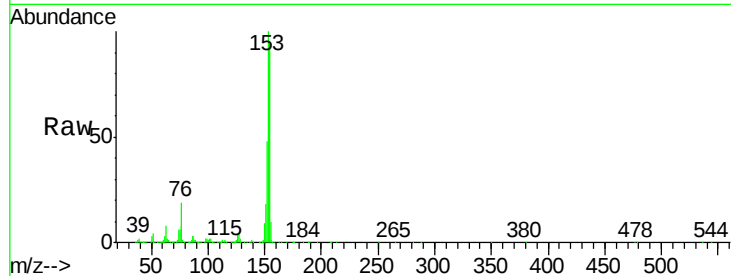
Tot Ion:154 Resp: 450941

Ion Ratio Lower Upper

154 100

153 106.7 87.5 131.3

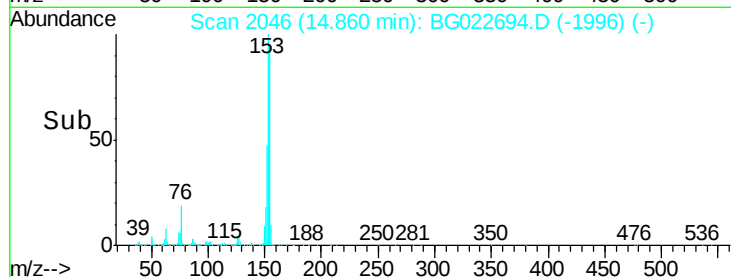
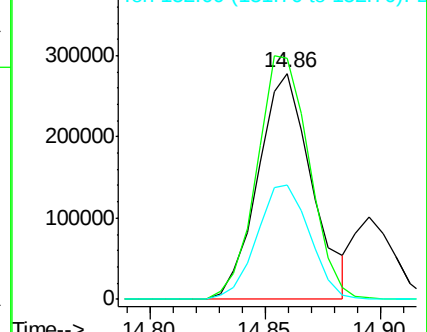
152 50.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.93 ng

RT: 14.70 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

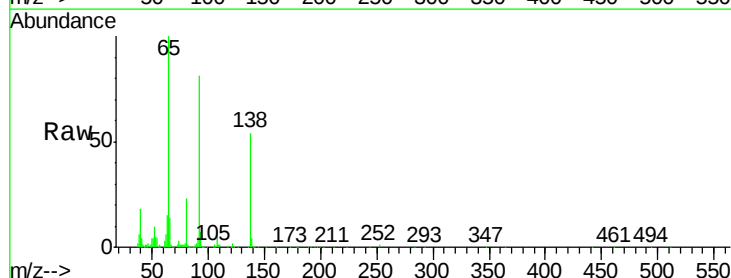
Tgt Ion:138 Resp: 103935

Ion Ratio Lower Upper

138 100

108 14.0 11.7 17.5

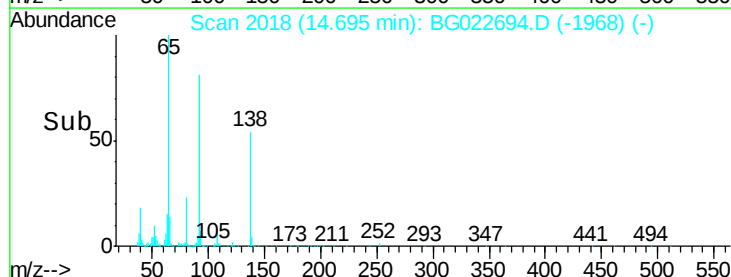
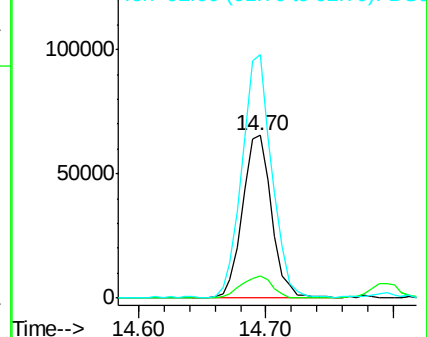
92 149.6 129.7 194.5

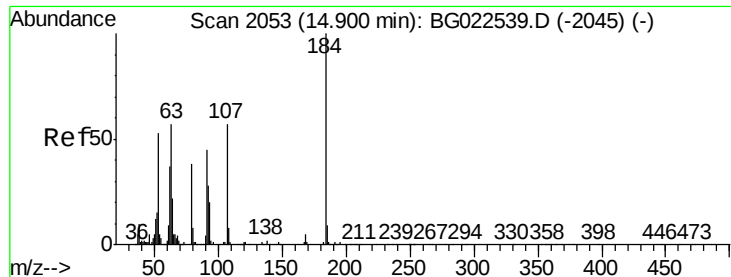


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

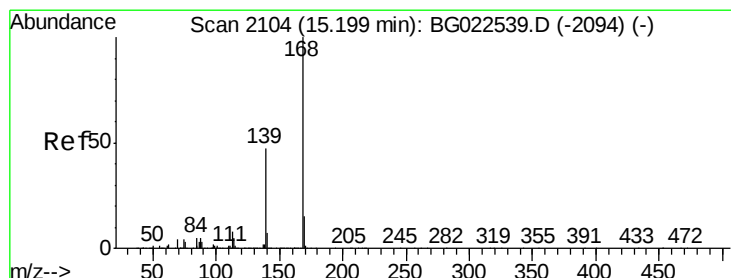
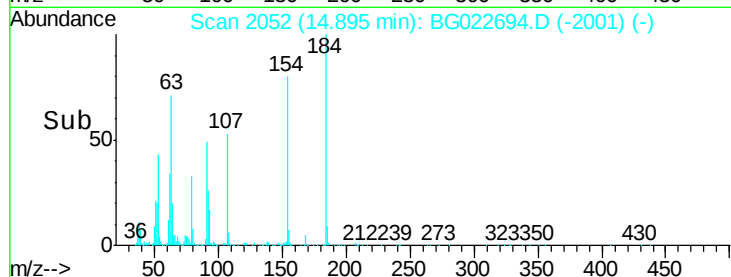
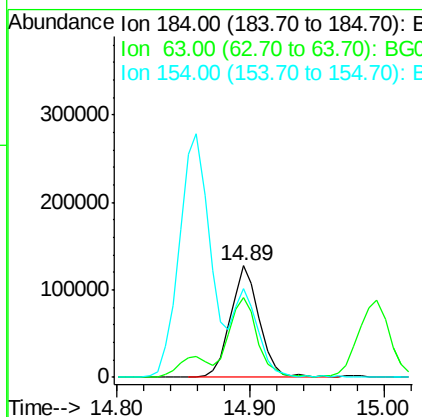
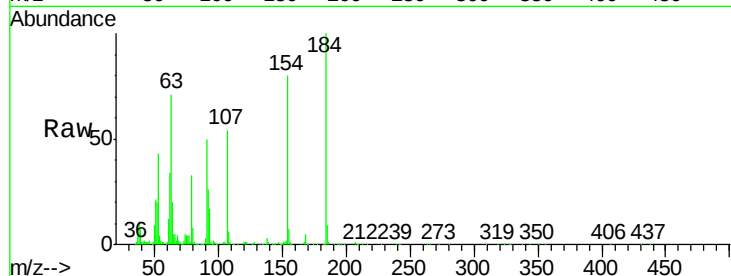




#53
2,4-Dinitrophenol
Concen: 50.02 ng
RT: 14.89 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

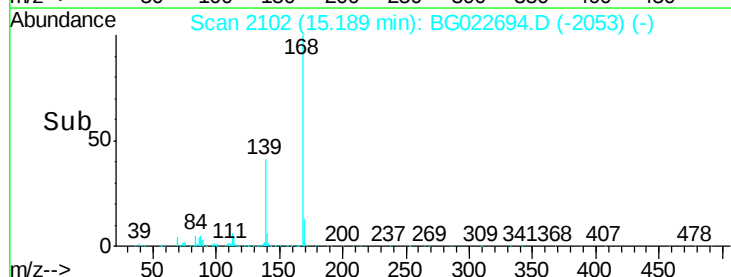
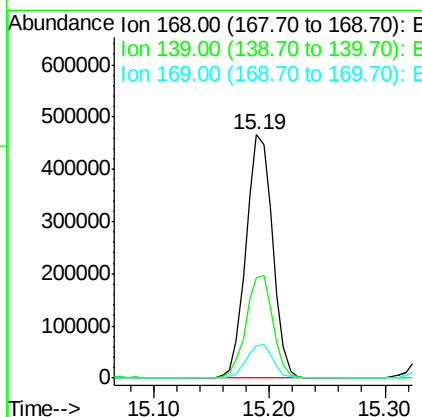
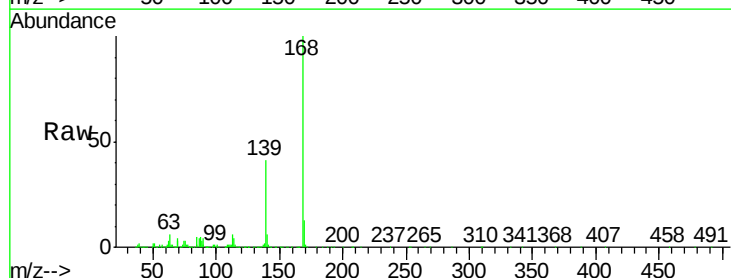
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

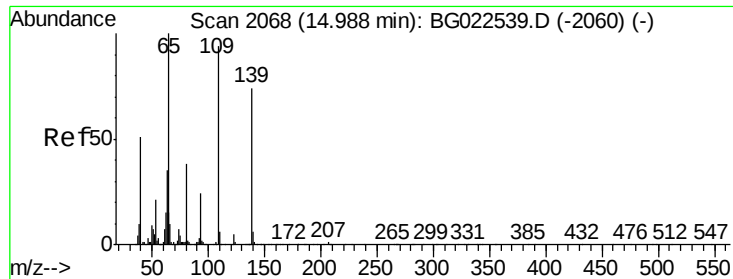
Tot Ion:184 Resp: 190813
Ion Ratio Lower Upper
184 100
63 71.3 59.6 89.4
154 79.8 67.4 101.0



#54
Dibenzofuran
Concen: 22.33 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:168 Resp: 744153
Ion Ratio Lower Upper
168 100
139 41.1 36.4 54.6
169 13.3 11.9 17.9

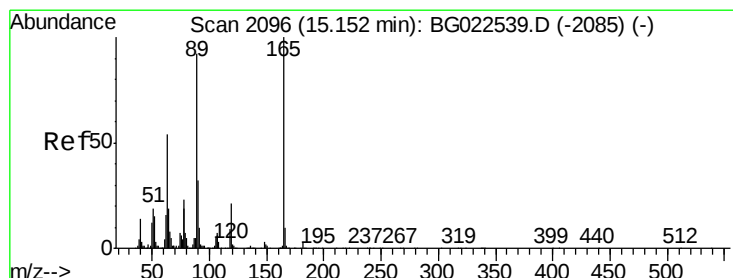
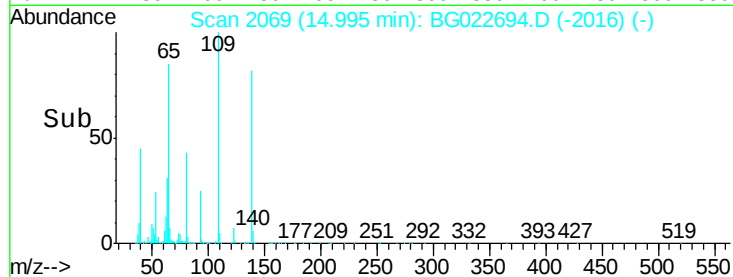
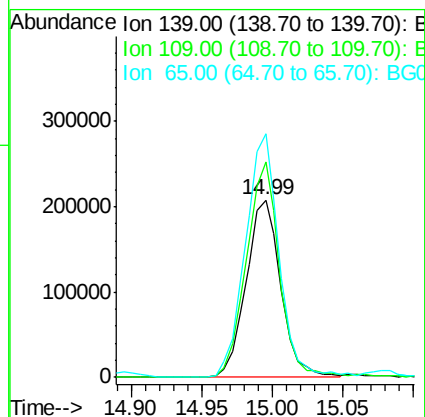
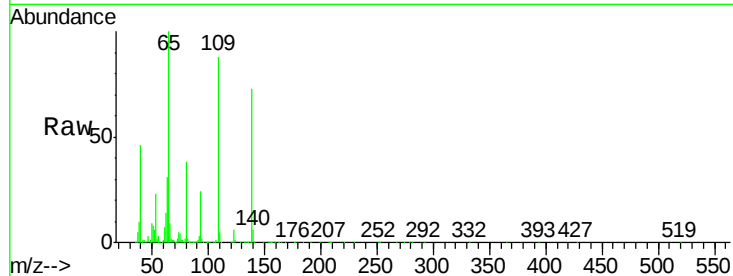




#55
4-Nitrophenol
Concen: 72.79 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

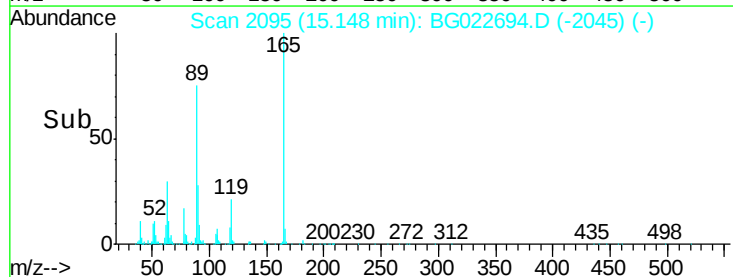
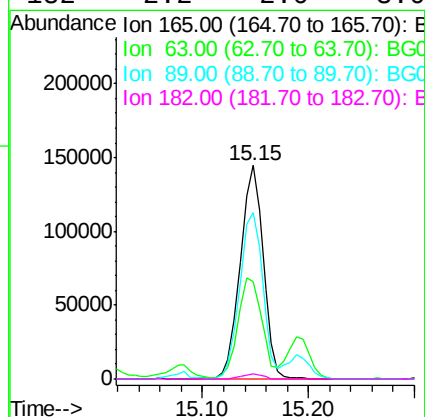
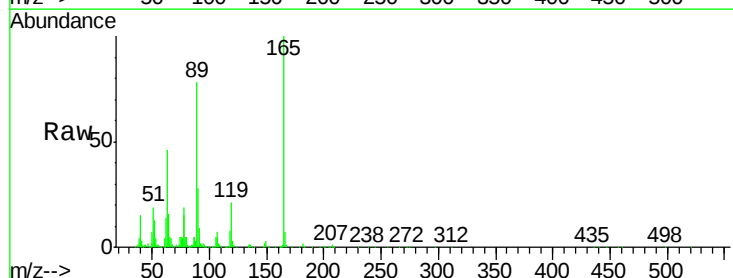
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

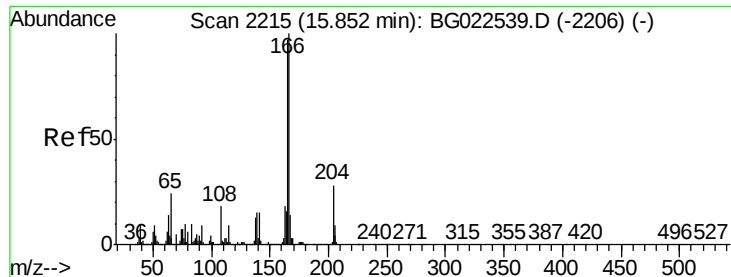
Tot Ion:139 Resp: 356740
Ion Ratio Lower Upper
139 100
109 121.1 103.0 143.0
65 137.2 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 25.27 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:165 Resp: 216774
Ion Ratio Lower Upper
165 100
63 45.8 45.8 68.6
89 78.2 68.6 102.8
182 2.2 2.0 3.0

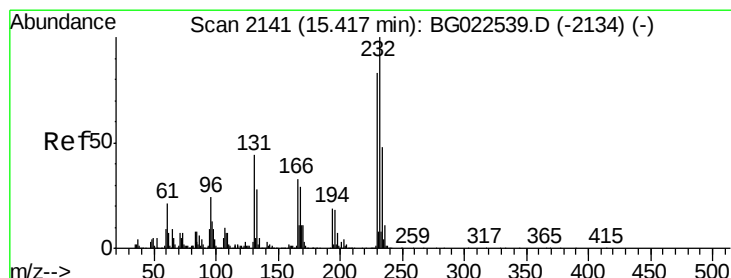
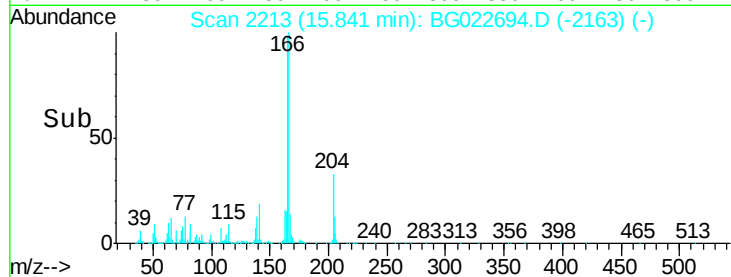
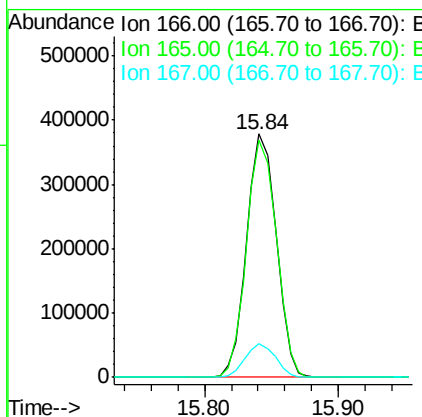
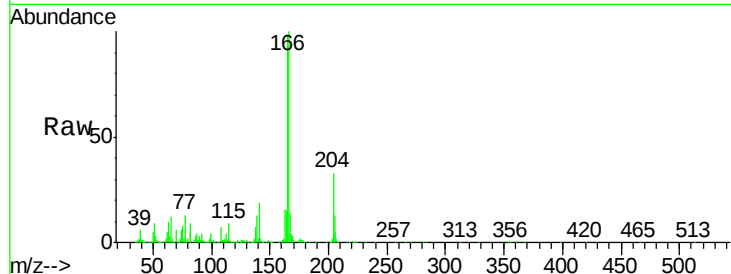




#57
Fluorene
 Concen: 21.86 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

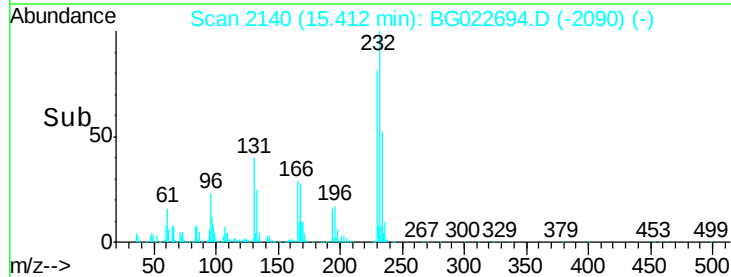
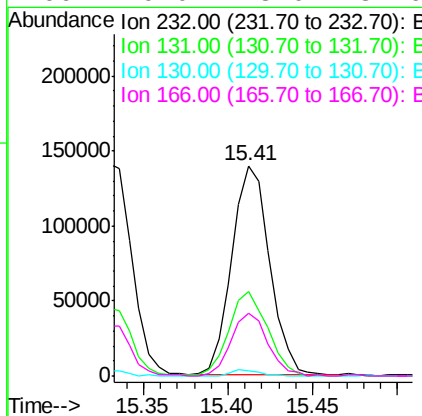
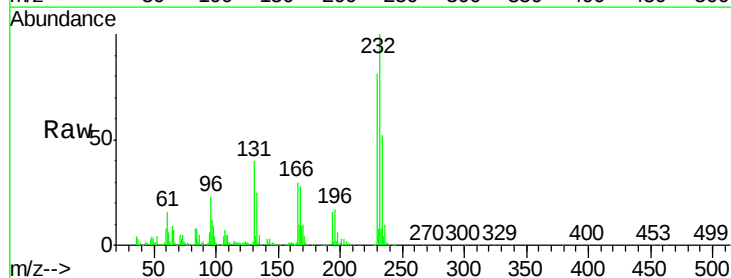
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

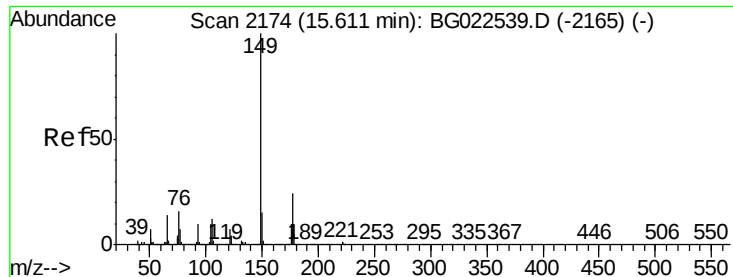
Tot Ion	166	Resp	581346
Ion Ratio	100		
Lower	81.0		
Upper	121.6		
165	97.6		
167	13.8		



#58
2,3,4,6-Tetrachlorophenol
 Concen: 24.22 ng
 RT: 15.41 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion	232	Resp	218585
Ion Ratio	100		
Lower	32.7		
Upper	49.1		
131	40.9		
130	2.4		
166	29.0		





#59

Diethylphthalate

Concen: 21.97 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

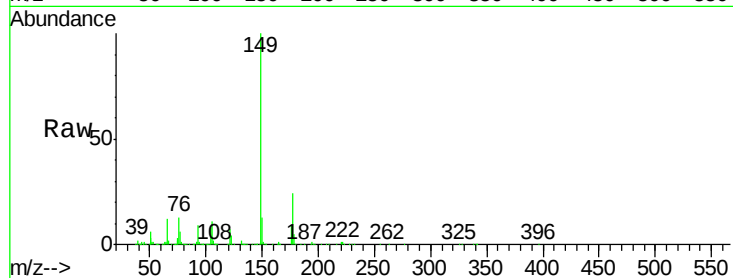
Tot Ion:149 Resp: 643813

Ion Ratio Lower Upper

149 100

177 24.3 19.2 28.8

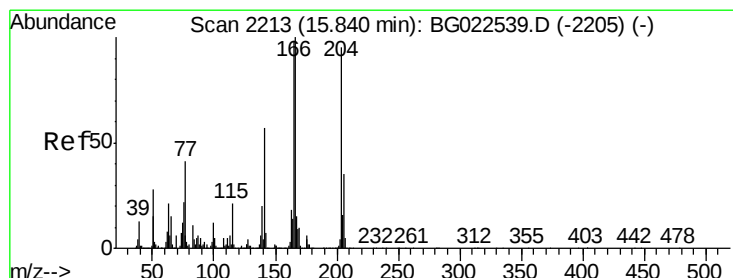
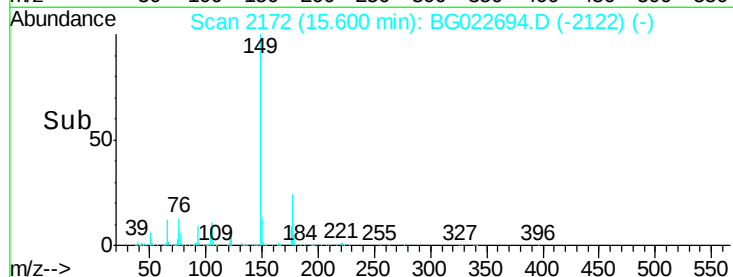
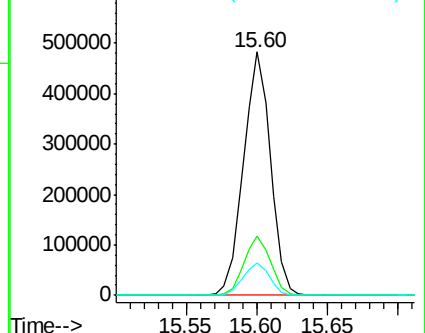
150 13.2 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 21.50 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

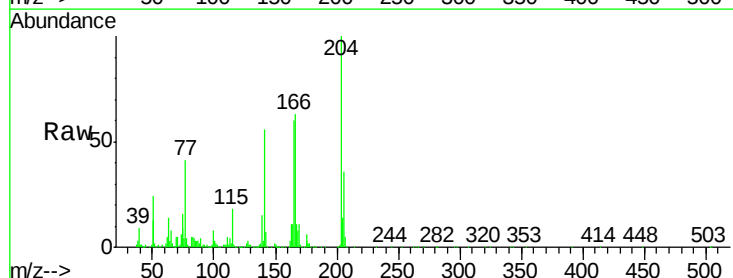
Tgt Ion:204 Resp: 340485

Ion Ratio Lower Upper

204 100

206 36.1 28.5 42.7

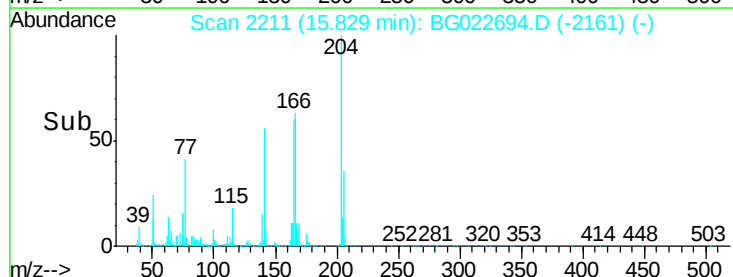
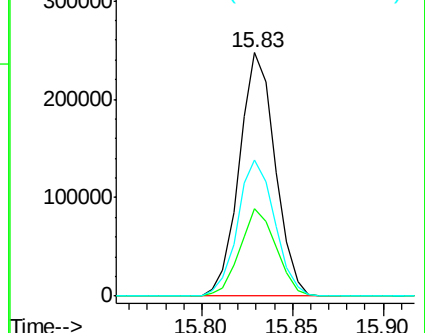
141 56.0 51.4 77.0

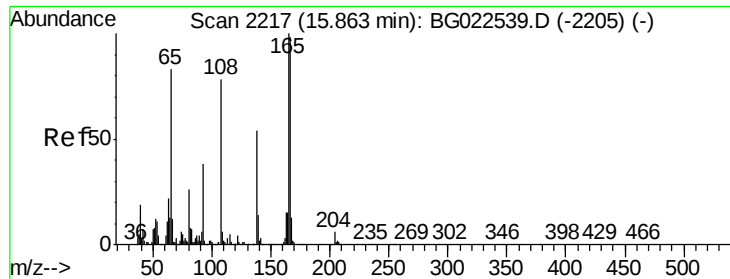


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

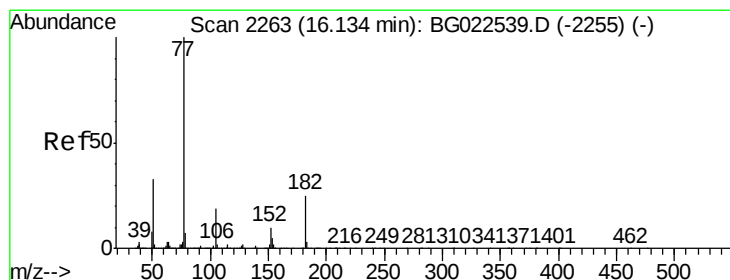
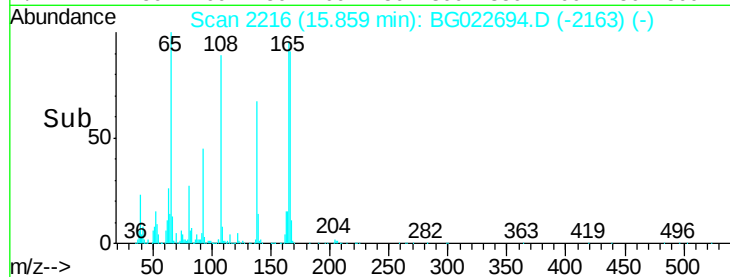
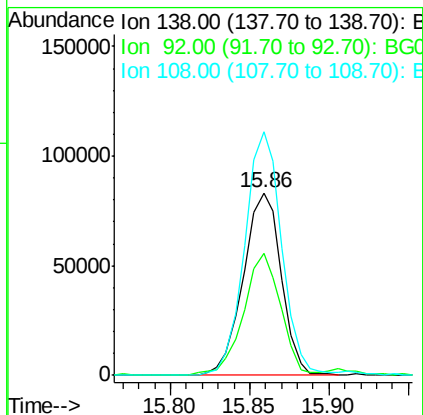
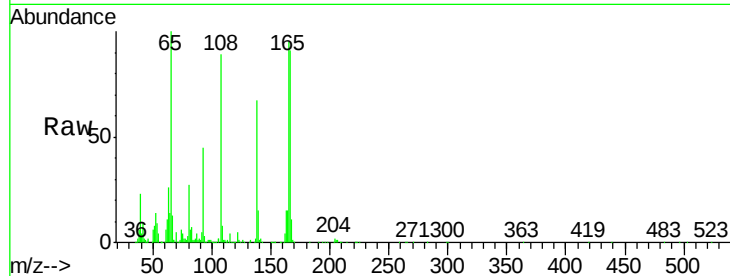




#61
4-Nitroaniline
Concen: 23.20 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

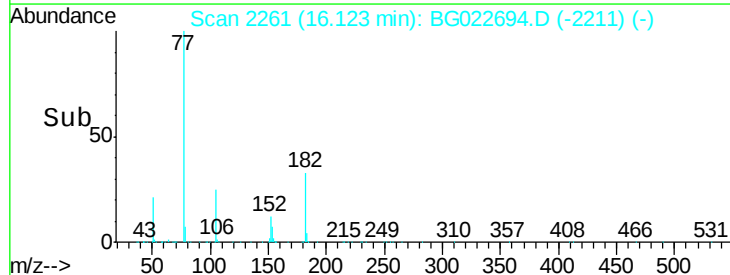
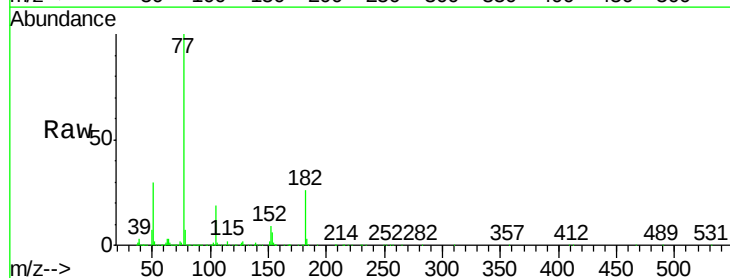
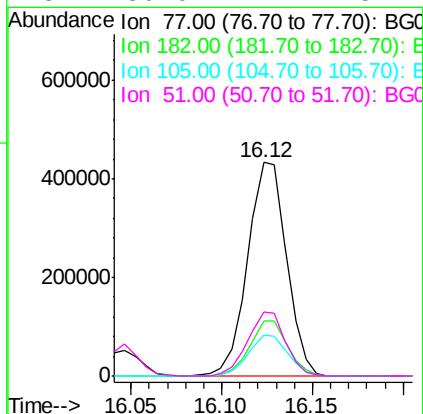
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

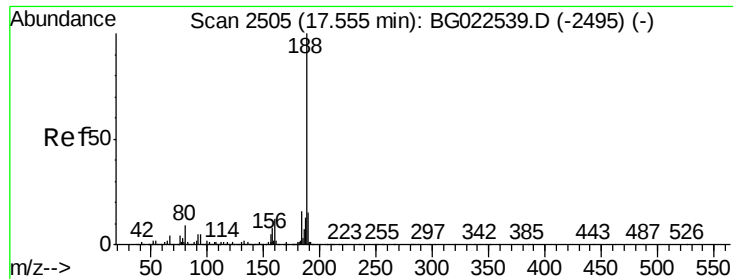
Tot Ion:138 Resp: 138698
Ion Ratio Lower Upper
138 100
92 66.7 54.1 94.1
108 133.3 133.9 173.9#



#62
Azobenzene
Concen: 20.30 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion: 77 Resp: 644174
Ion Ratio Lower Upper
77 100
182 25.6 3.5 43.5
105 19.4 0.0 38.5
51 30.0 17.1 57.1

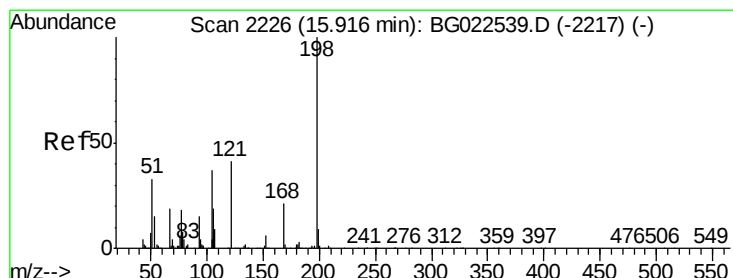
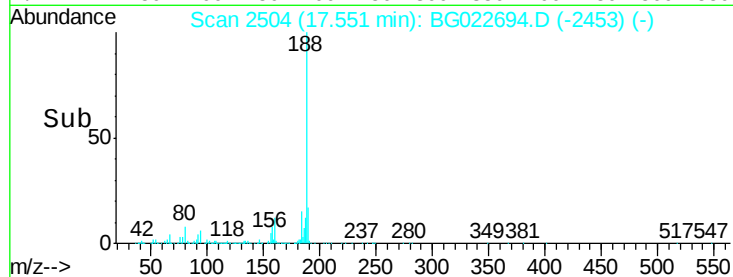
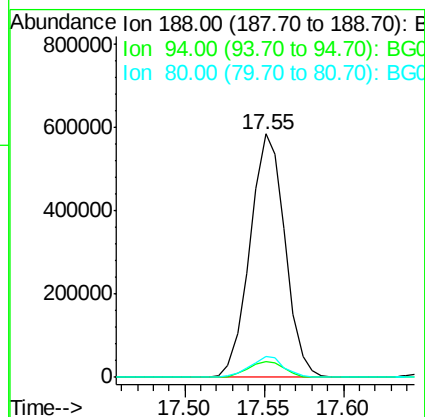
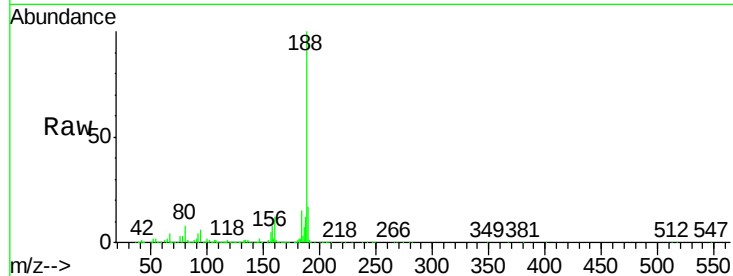




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

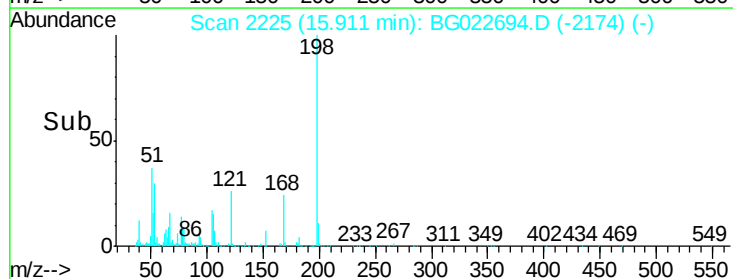
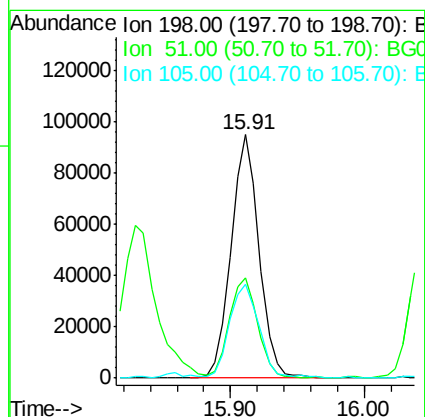
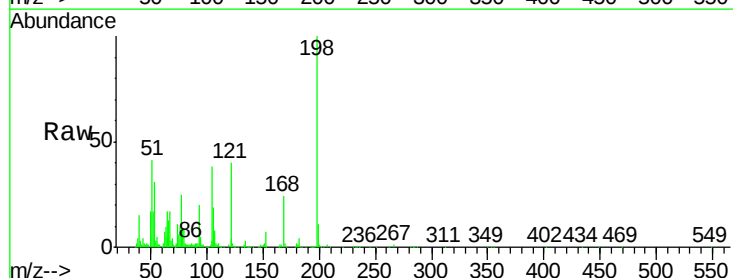
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

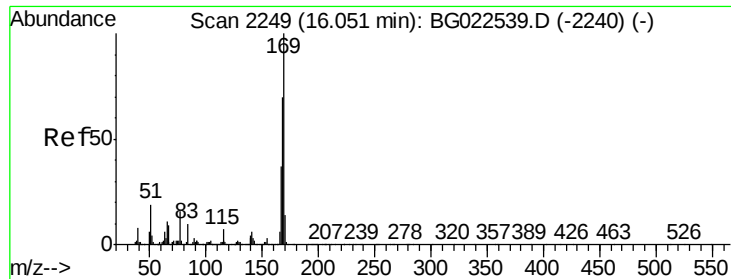
Tot Ion:188 Resp: 895185
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.2 7.8
 80 8.4 7.2 10.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.20 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion:198 Resp: 139259
 Ion Ratio Lower Upper
 198 100
 51 41.2 26.0 66.0
 105 38.5 20.1 60.1

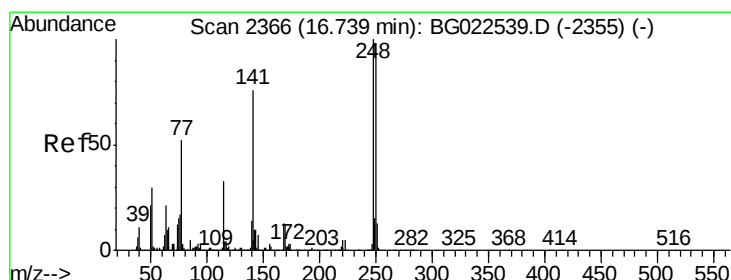
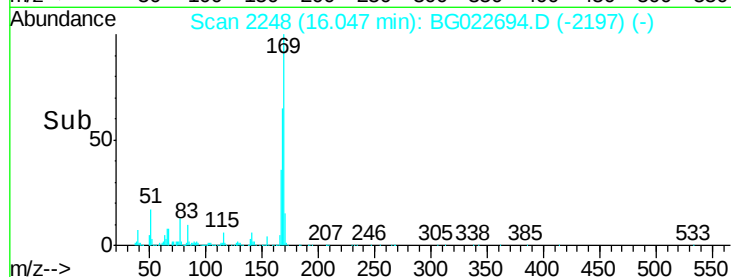
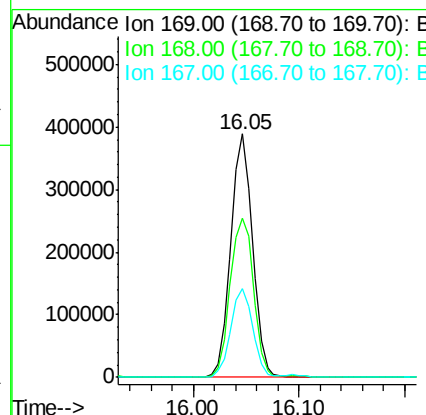
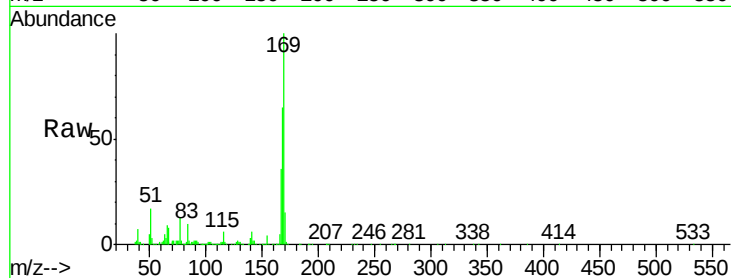




#65
n-Nitrosodiphenylamine
Concen: 21.20 ng
RT: 16.05 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

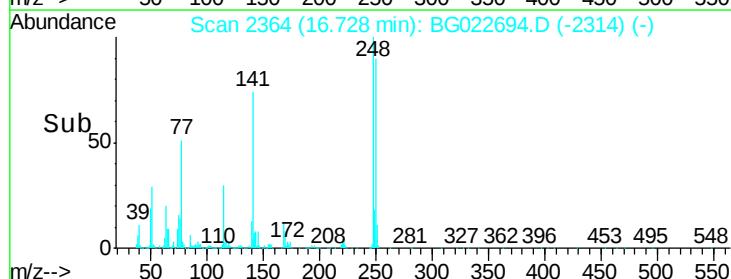
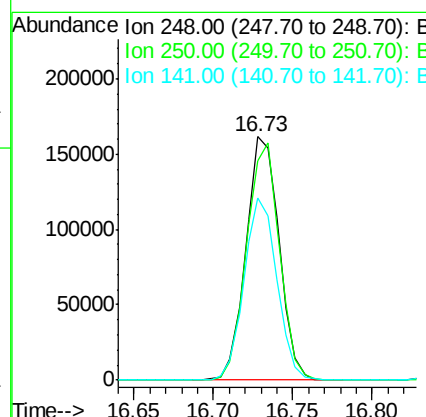
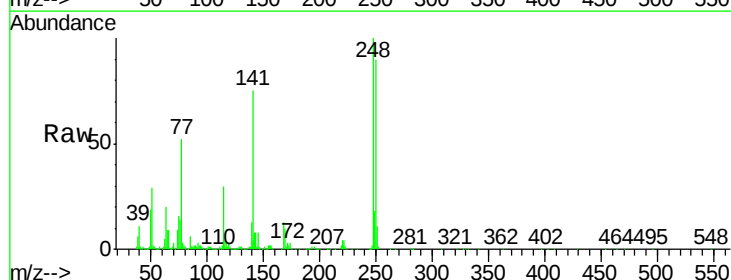
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

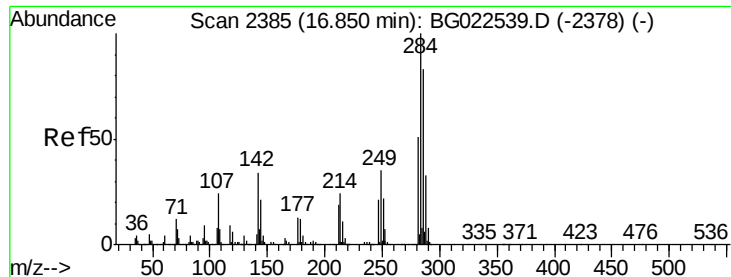
Tot Ion:169 Resp: 552381
Ion Ratio Lower Upper
169 100
168 65.3 55.0 82.4
167 36.3 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 20.18 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:248 Resp: 234360
Ion Ratio Lower Upper
248 100
250 89.9 77.8 116.8
141 74.6 65.7 98.5





#67

Hexachlorobenzene

Concen: 20.55 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

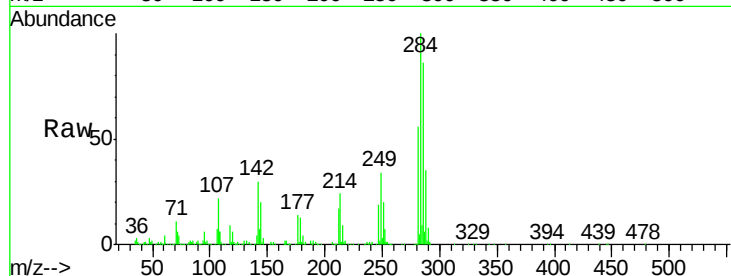
Tot Ion:284 Resp: 252354

Ion Ratio Lower Upper

284 100

142 29.7 26.8 40.2

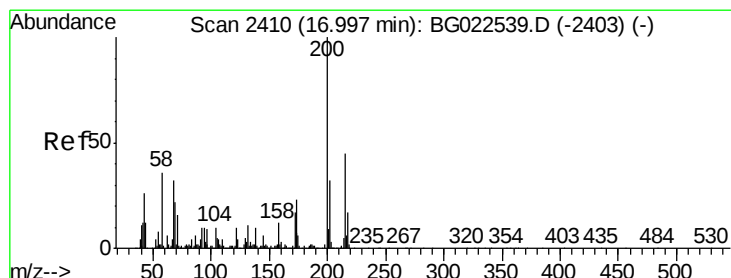
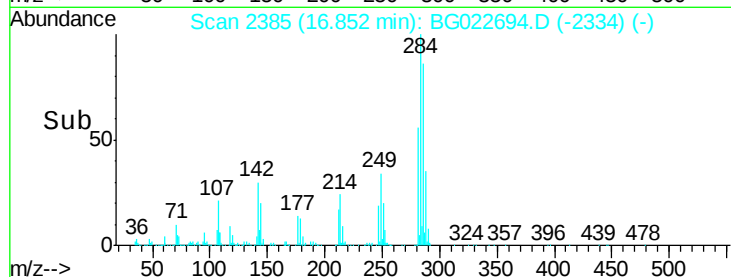
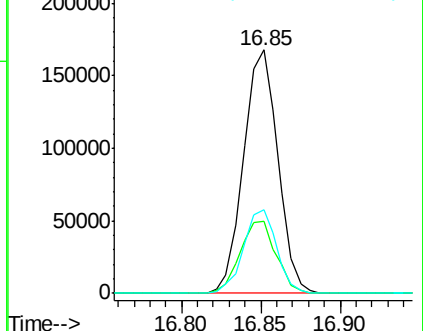
249 34.3 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 22.88 ng

RT: 16.99 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

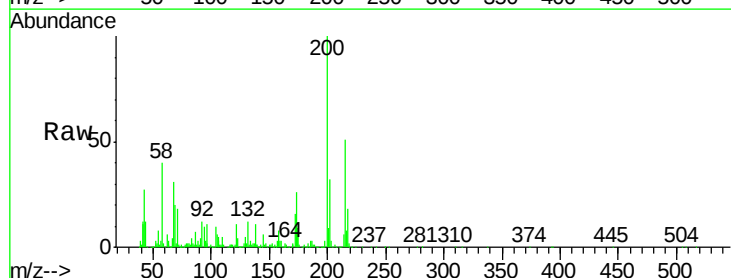
Tgt Ion:200 Resp: 251608

Ion Ratio Lower Upper

200 100

173 25.7 1.6 41.6

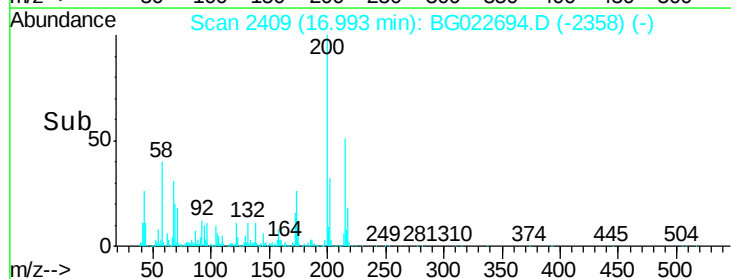
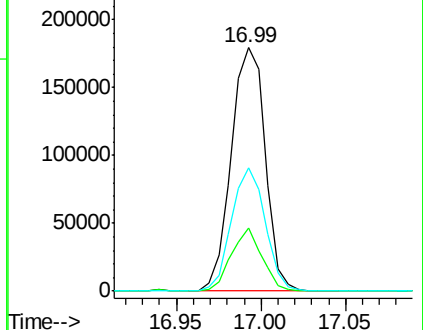
215 50.6 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

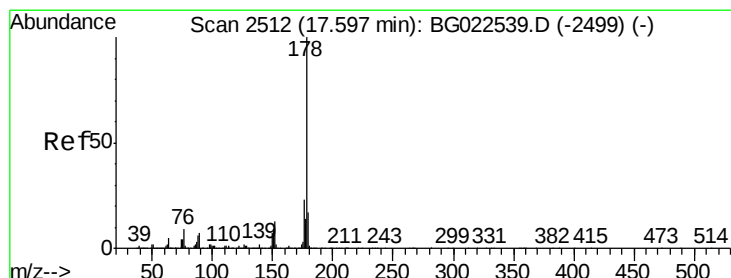
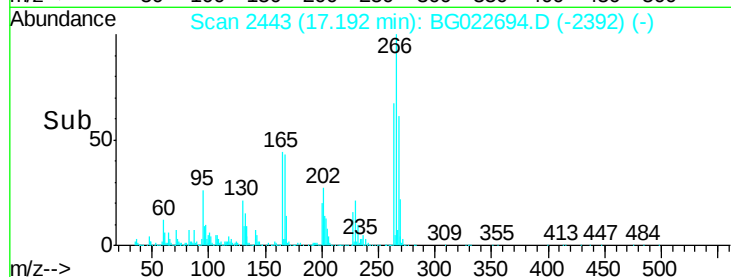
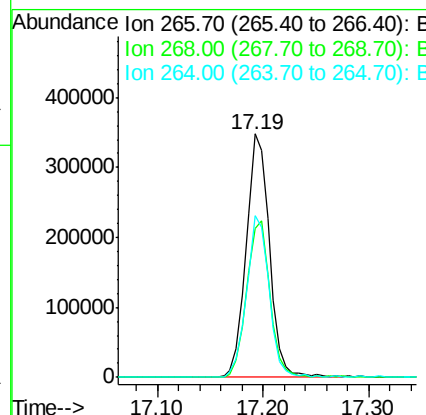
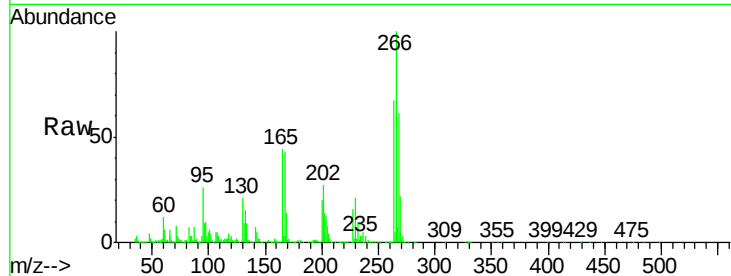




#69
 Pentachlorophenol
 Concen: 62.66 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

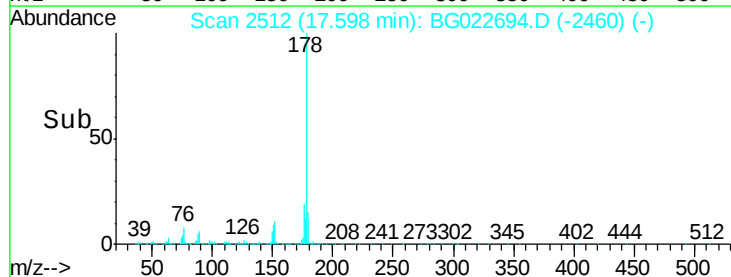
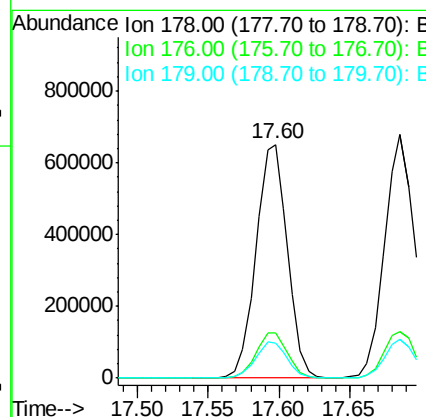
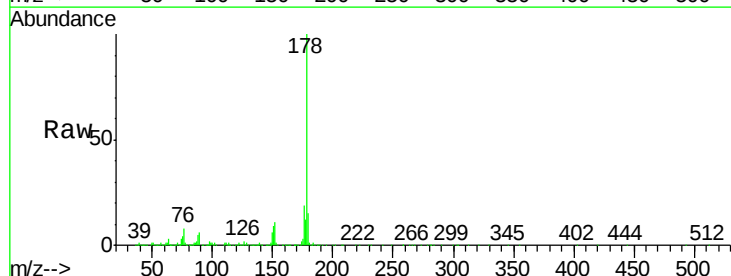
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

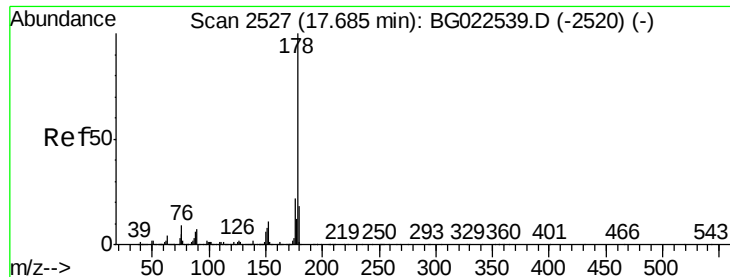
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.9	77.9
264	66.6	50.6	75.8



#70
 Phenanthrene
 Concen: 22.21 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.8	25.2
179	15.0	14.3	21.5



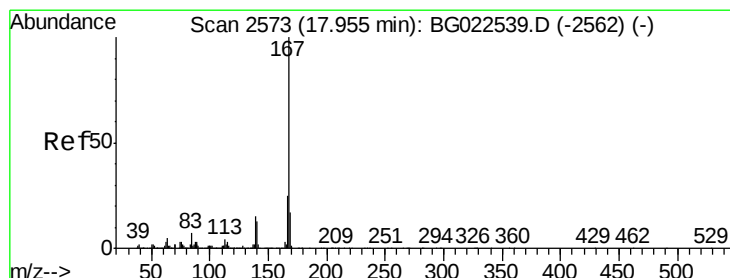
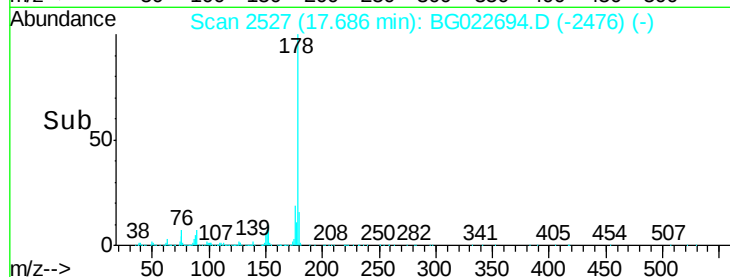
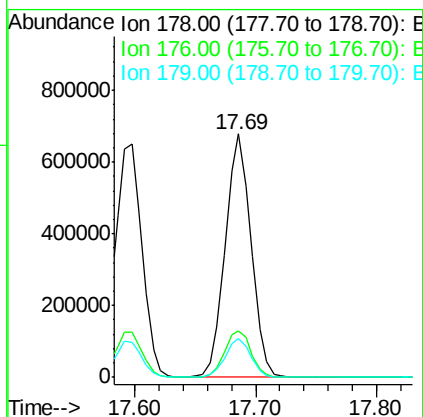
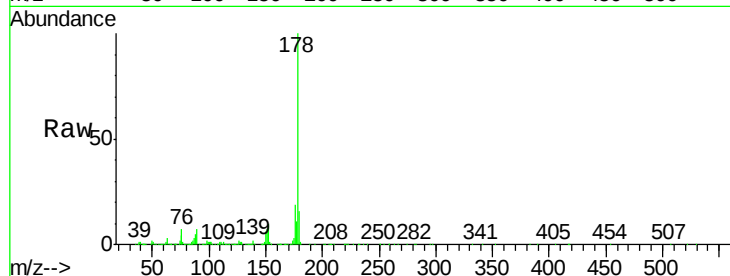


#71
 Anthracene
 Concen: 21.44 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

Tot Ion:178 Resp: 1007262

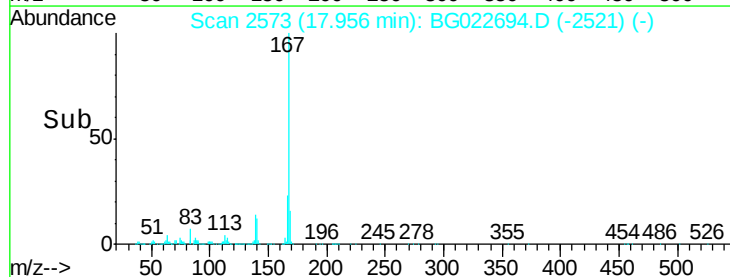
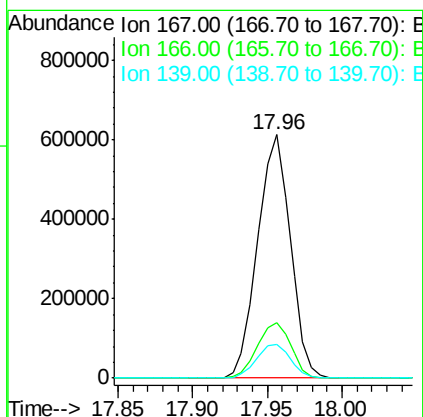
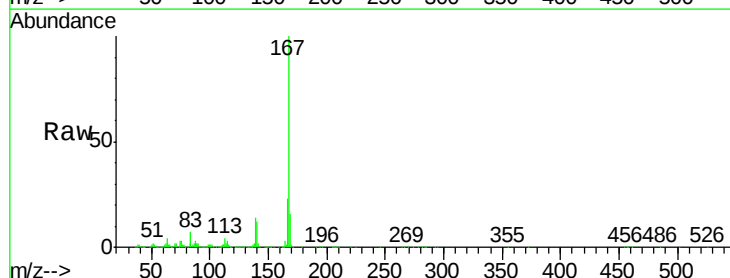
Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.3	25.9
179	16.2	14.0	21.0

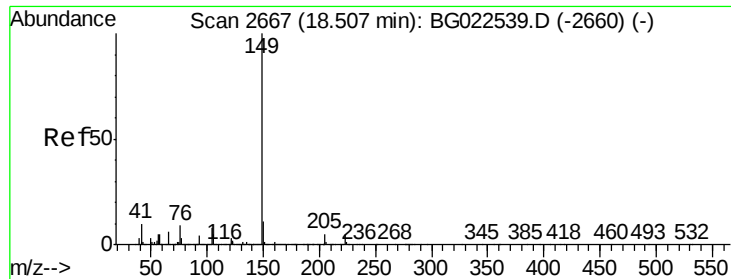


#72
 Carbazole
 Concen: 23.33 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion:167 Resp: 929062

Ion	Ratio	Lower	Upper
167	100		
166	23.0	20.7	31.1
139	13.8	11.9	17.9

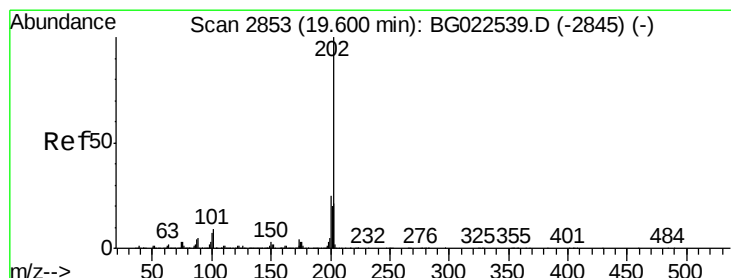
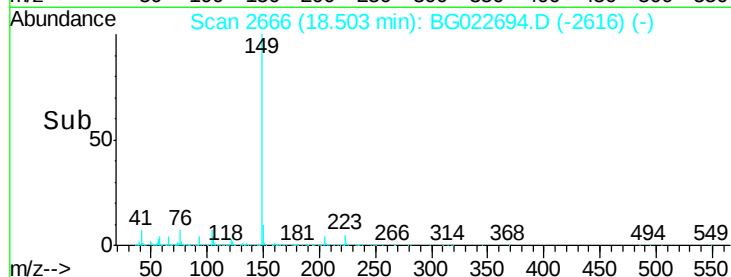
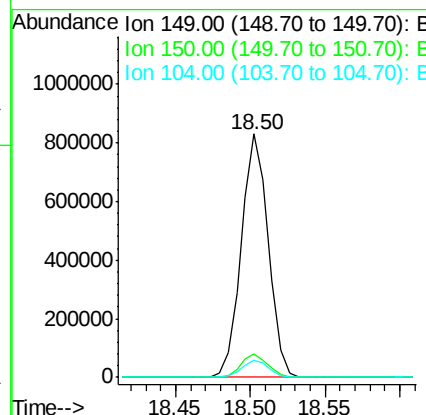
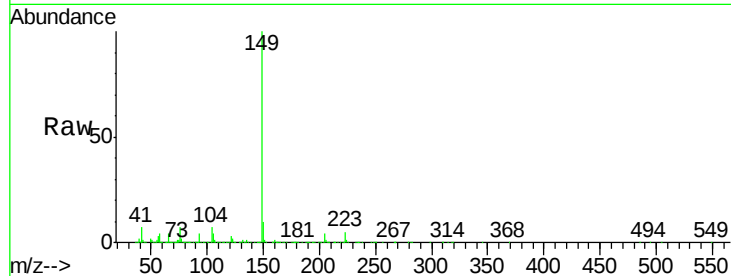




#73
Di-n-butylphthalate
Concen: 22.47 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

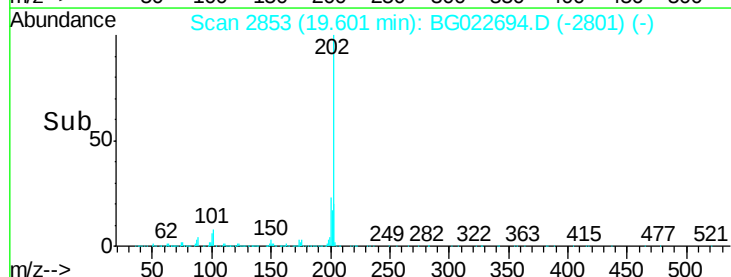
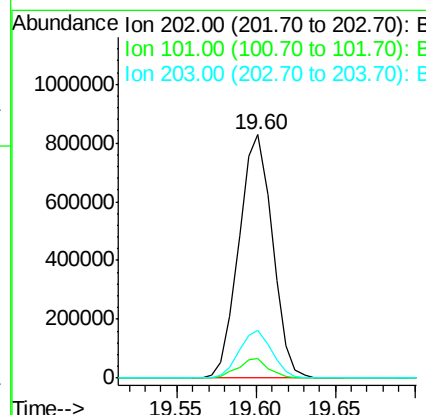
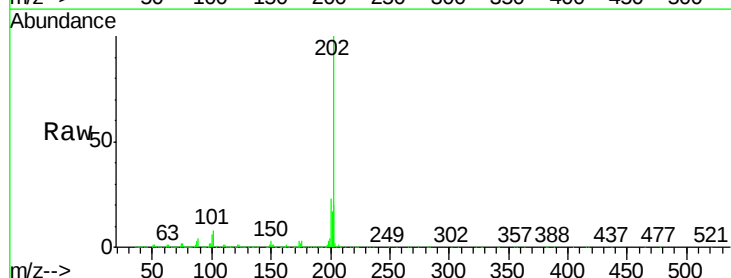
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

Tot Ion:149 Resp: 1042127
Ion Ratio Lower Upper
149 100
150 9.5 9.1 13.7
104 7.0 6.9 10.3



#74
Fluoranthene
Concen: 23.19 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:202 Resp: 1219479
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.4
203 19.8 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

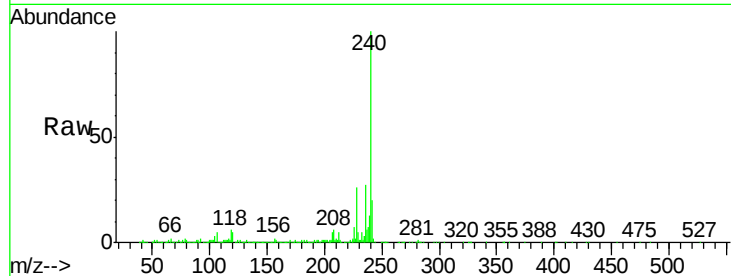
Tot Ion:240 Resp: 1047610

Ion Ratio Lower Upper

240 100

120 4.5 4.1 6.1

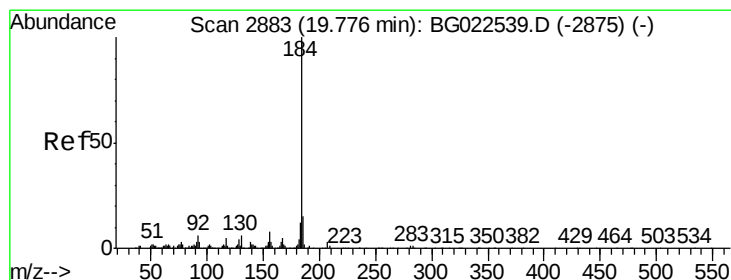
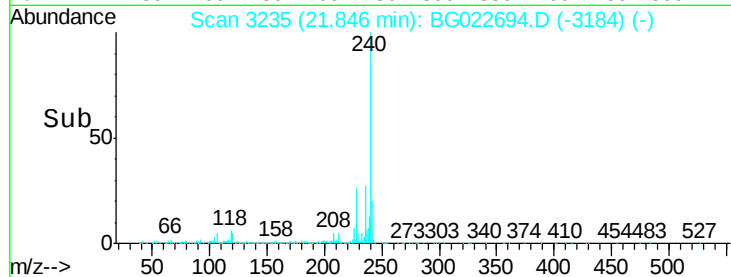
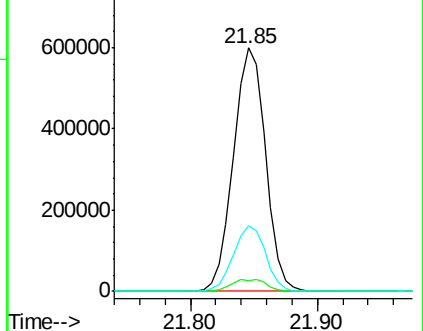
236 26.7 21.1 31.7



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: 69.73 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

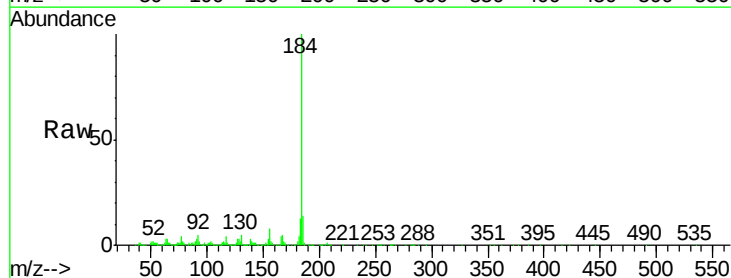
Tgt Ion:184 Resp: 777731

Ion Ratio Lower Upper

184 100

185 14.0 12.6 19.0

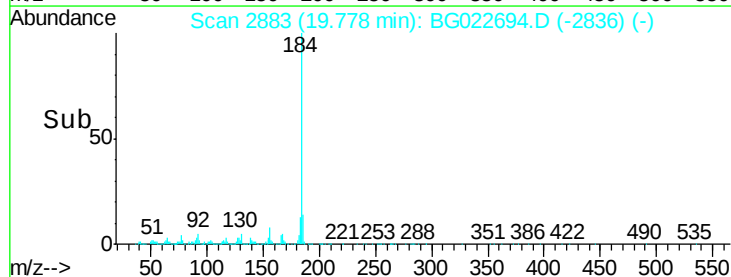
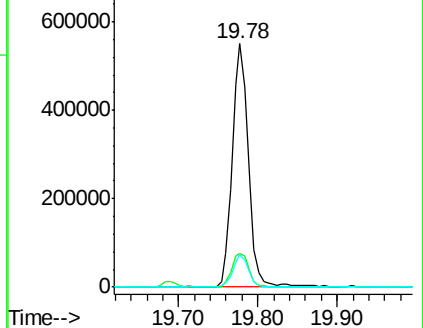
183 13.2 10.7 16.1

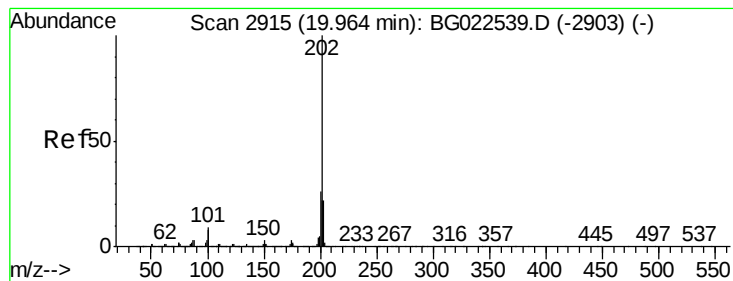


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 22.14 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

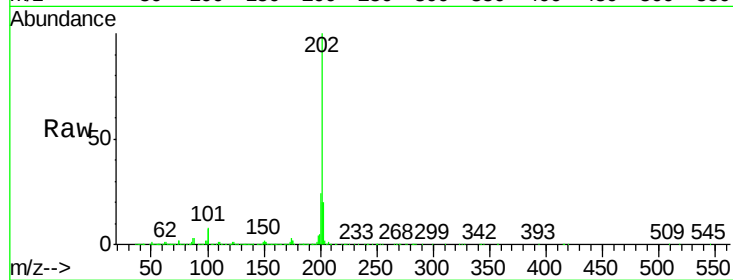
BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

Tot Ion:202 Resp: 1235614

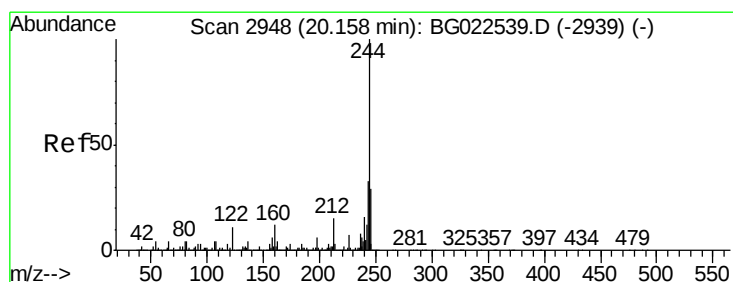
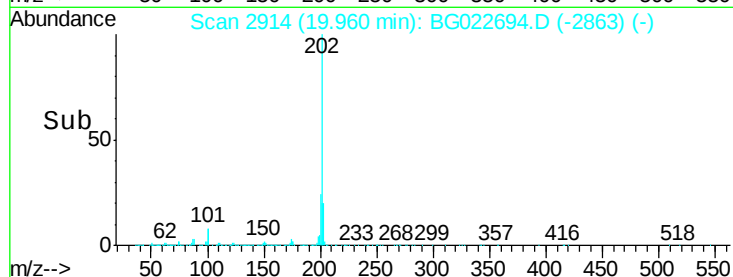
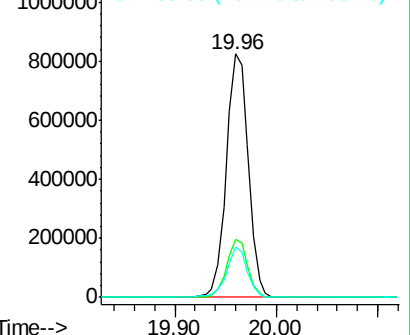
Ion	Ratio	Lower	Upper
202	100		
200	23.6	21.2	31.8
203	20.5	16.8	25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.51 ng

RT: 20.15 min Scan# 2947

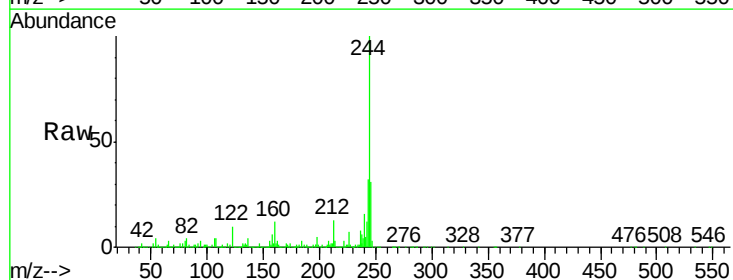
Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Tgt Ion:244 Resp: 2788174

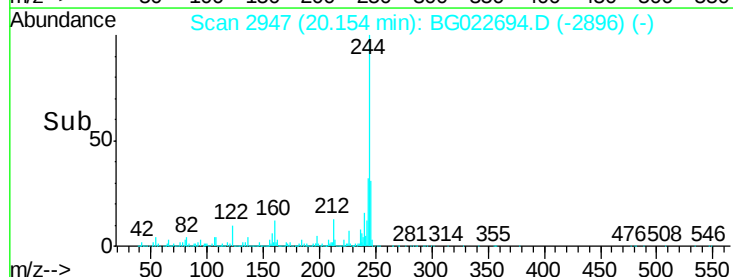
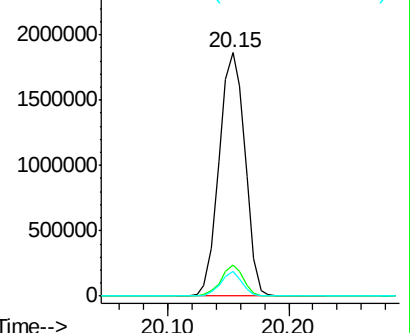
Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.8	16.2
122	10.2	8.0	12.0

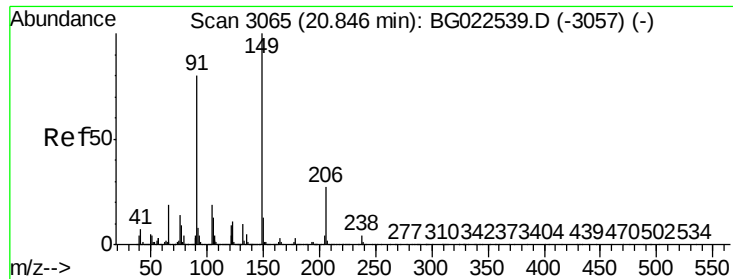


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

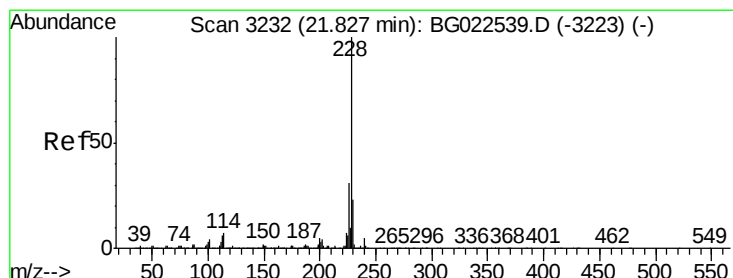
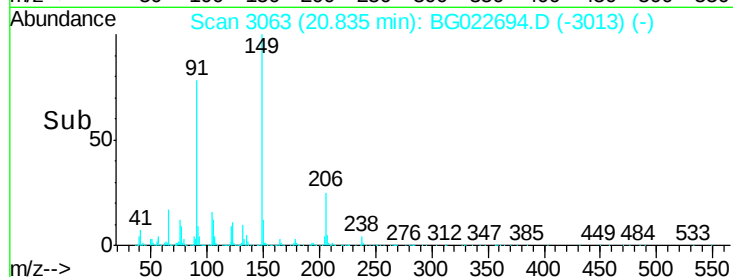
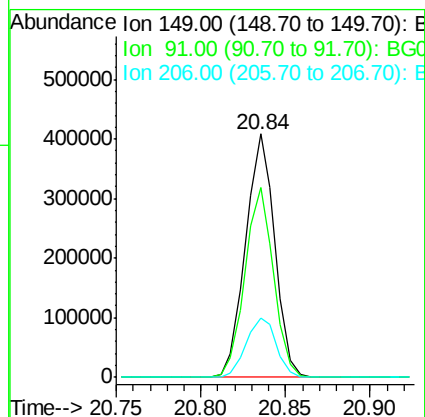
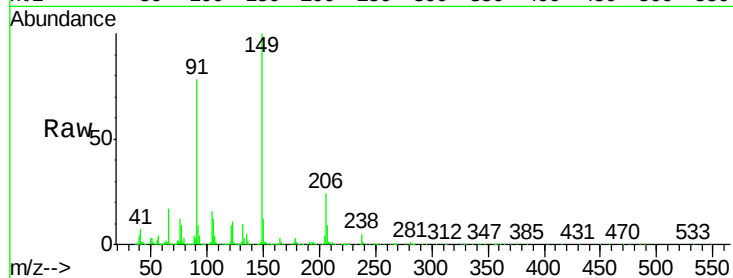




#79
Butylbenzylphthalate
Concen: 20.30 ng
RT: 20.84 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

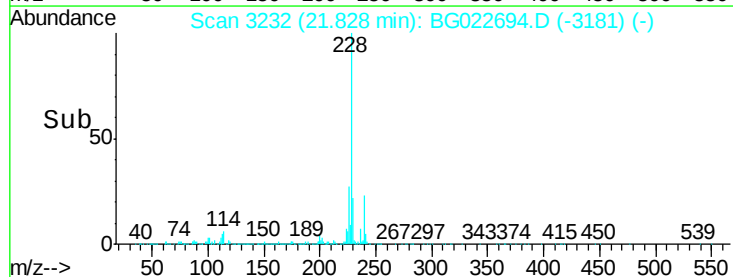
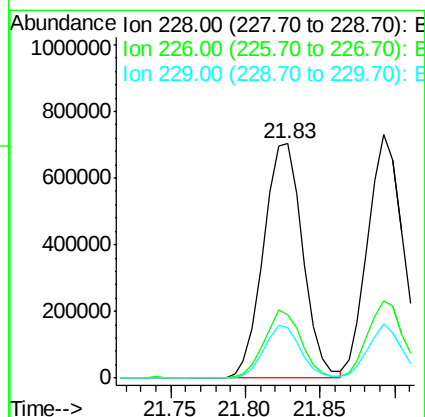
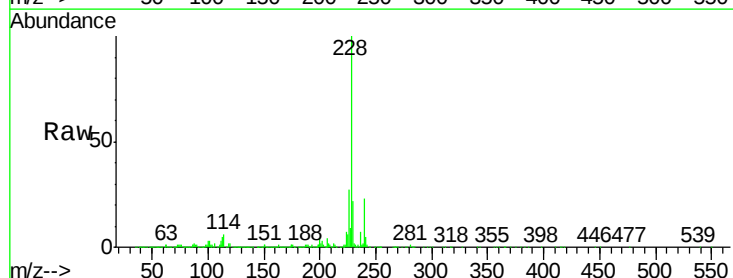
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

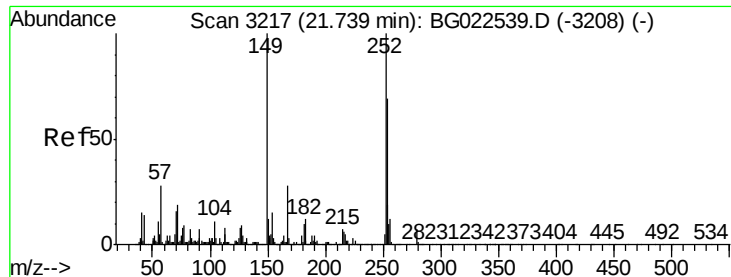
Tot Ion:149 Resp: 490302
Ion Ratio Lower Upper
149 100
91 78.0 68.1 102.1
206 24.5 19.8 29.6



#80
Benzo(a)anthracene
Concen: 22.15 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:228 Resp: 1284238
Ion Ratio Lower Upper
228 100
226 26.8 25.3 37.9
229 21.6 19.9 29.9

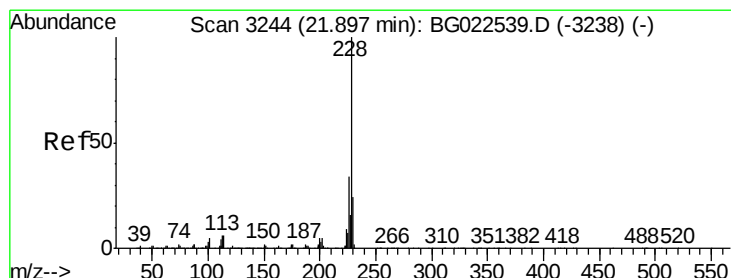
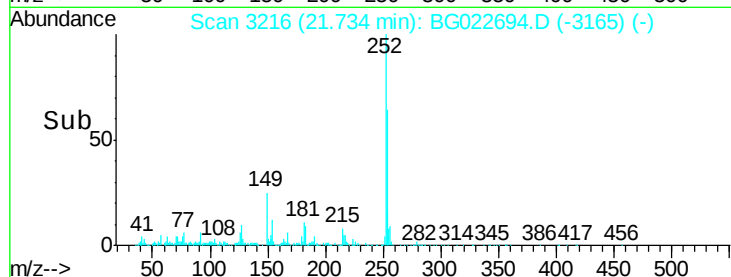
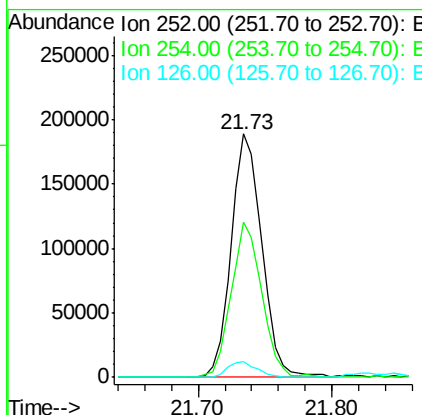
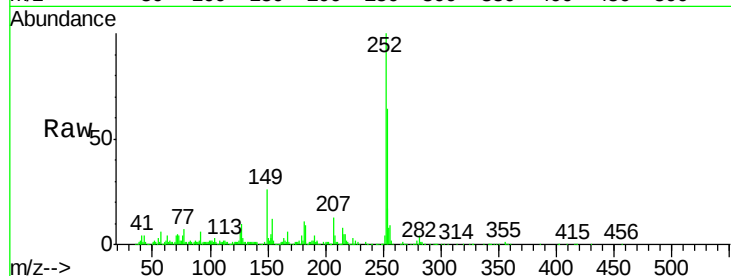




#81
 3,3'-Dichlorobenzidine
 Concen: 12.66 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

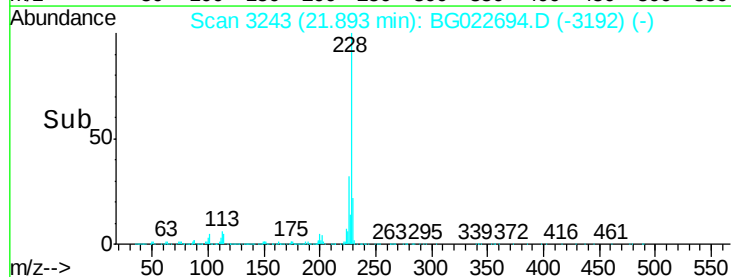
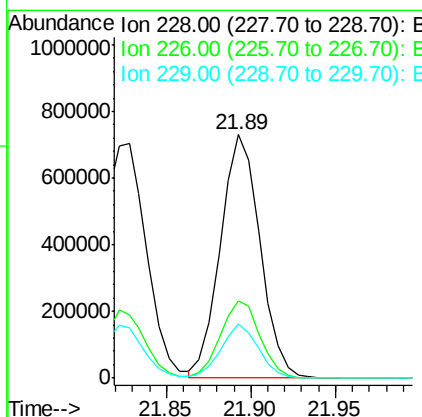
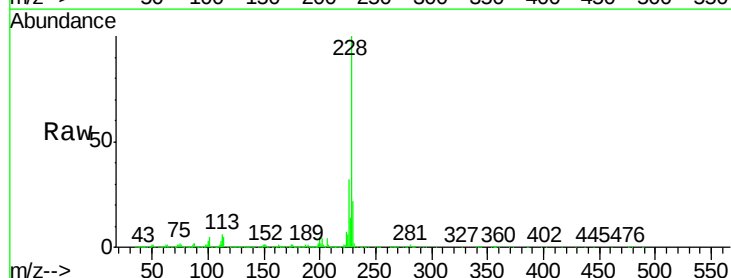
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

Tot Ion:252 Resp: 303122
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.2 76.8
 126 6.4 5.3 7.9



#82
 Chrysene
 Concen: 21.74 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion:228 Resp: 1184334
 Ion Ratio Lower Upper
 228 100
 226 32.0 26.7 40.1
 229 22.1 17.4 26.2

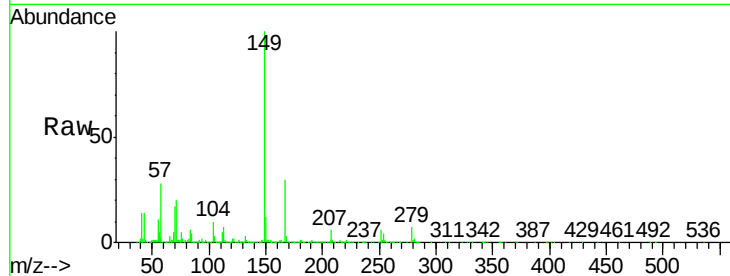




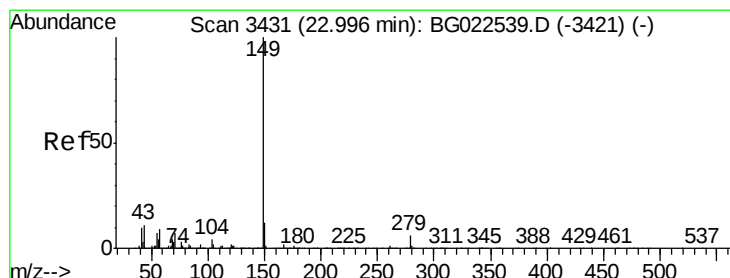
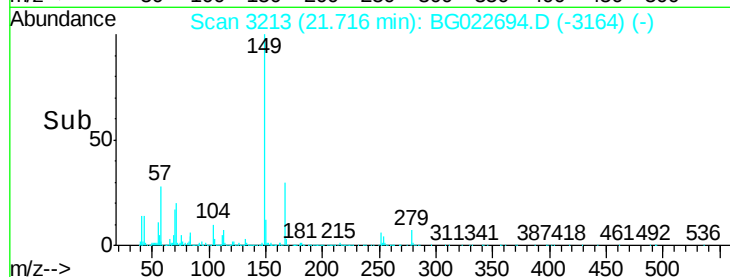
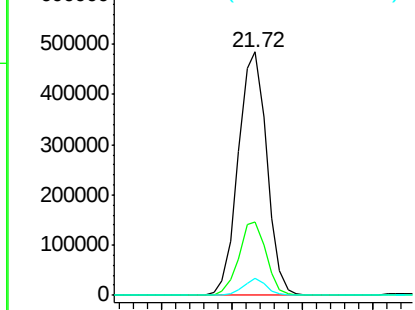
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.07 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MSD

Tot Ion:149 Resp: 682493
 Ion Ratio Lower Upper
 149 100
 167 30.4 24.0 36.0
 279 6.9 4.8 7.2

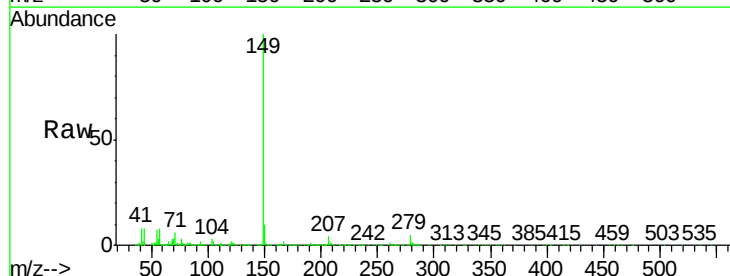


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

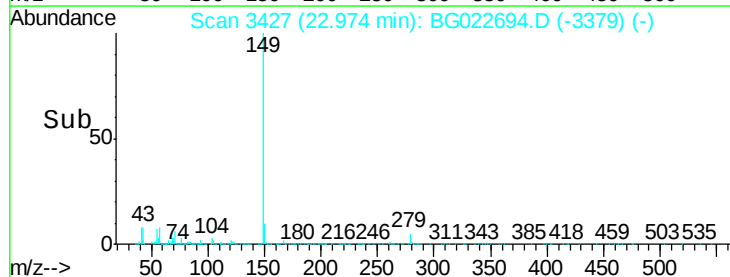
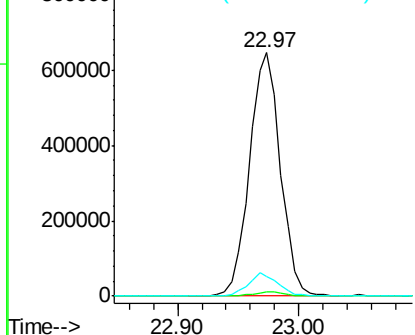


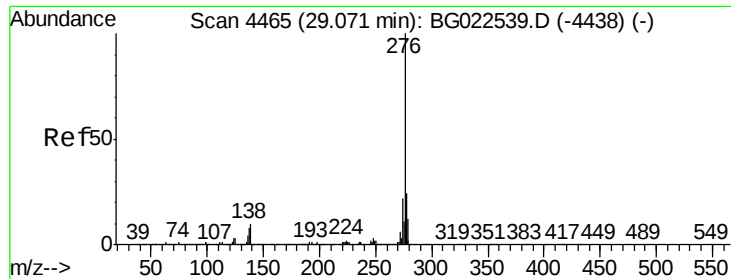
#84
 Di-n-octyl phthalate
 Concen: 20.45 ng
 RT: 22.97 min Scan# 3427
 Delta R.T. -0.02 min
 Lab File: BG022694.D
 Acq: 29 Jun 2016 3:07

Tgt Ion:149 Resp: 1146599
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 9.0 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): BG

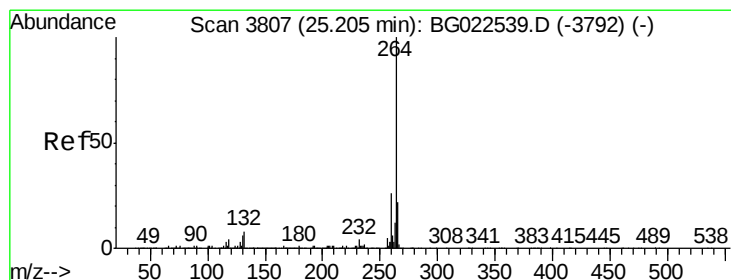
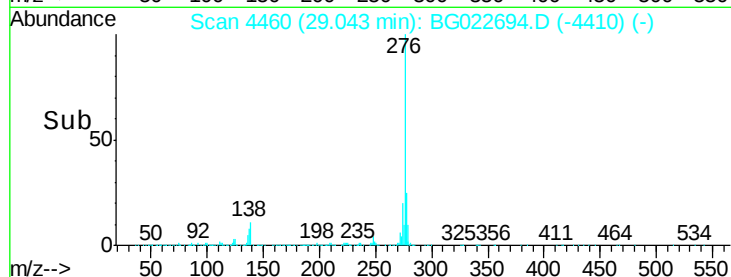
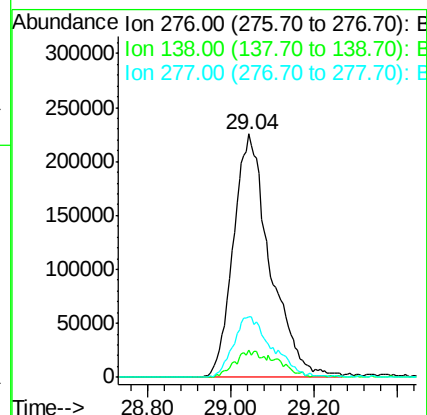
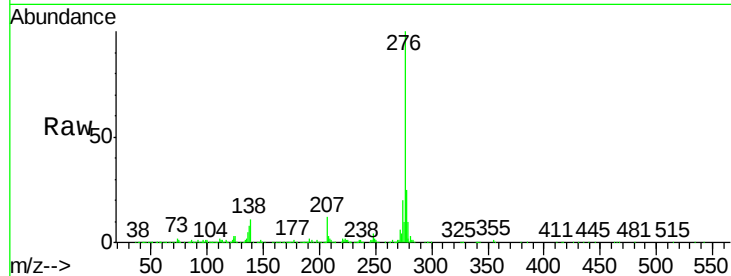




#85
Indeno(1,2,3-cd)pyrene
Concen: 19.36 ng
RT: 29.04 min Scan# 4460
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

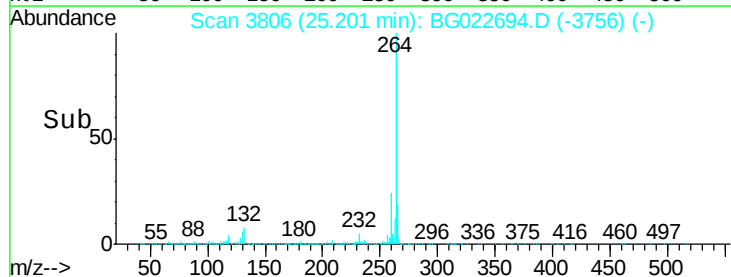
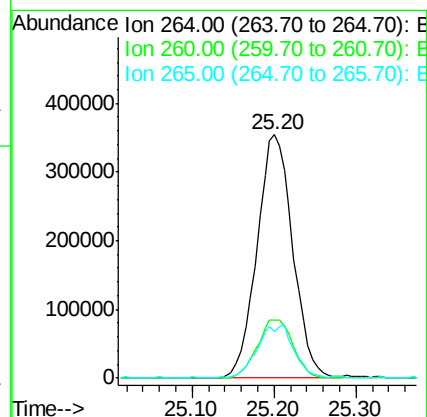
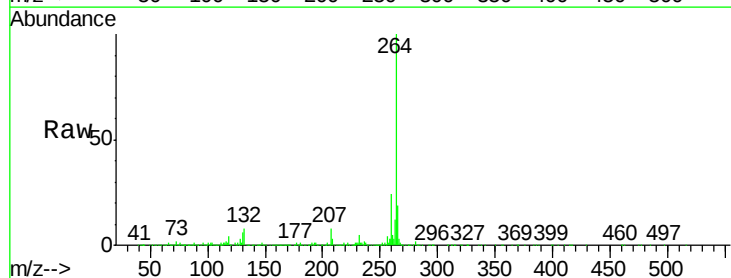
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

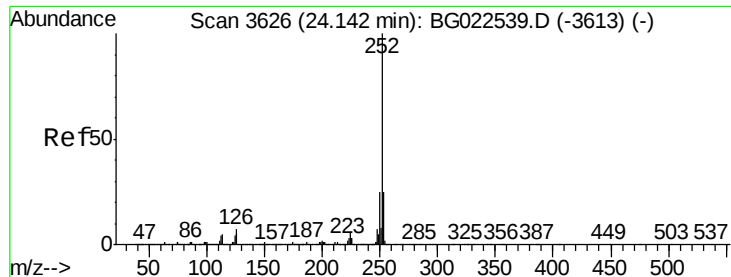
Tot Ion:276 Resp: 1385819
Ion Ratio Lower Upper
276 100
138 4.1 0.0 0.0#
277 25.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.01 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:264 Resp: 1073574
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 19.2 18.9 28.3

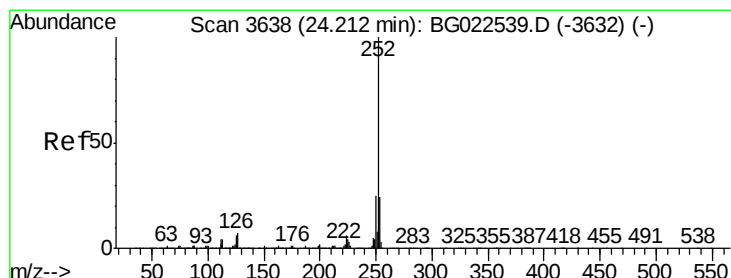
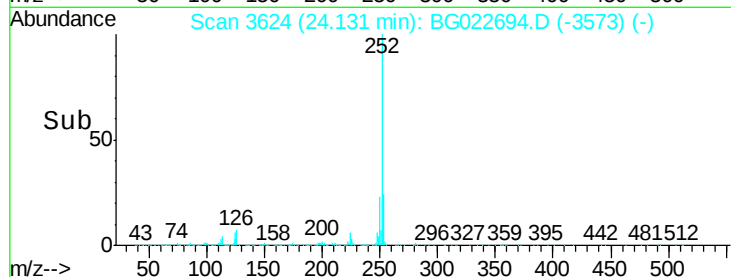
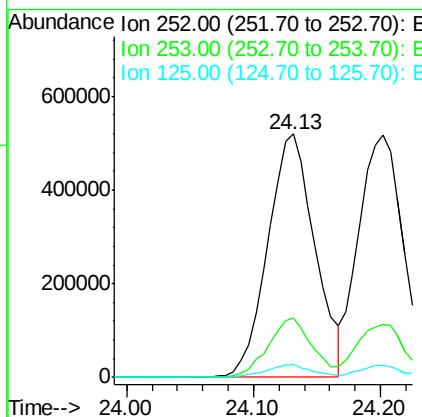
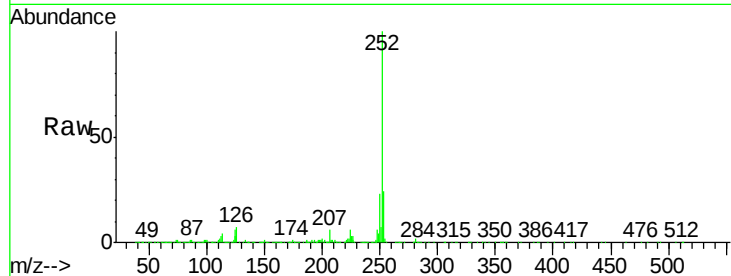




#87
Benzo(b)fluoranthene
Concen: 20.77 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

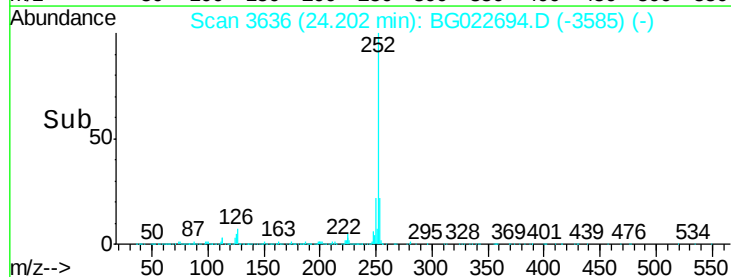
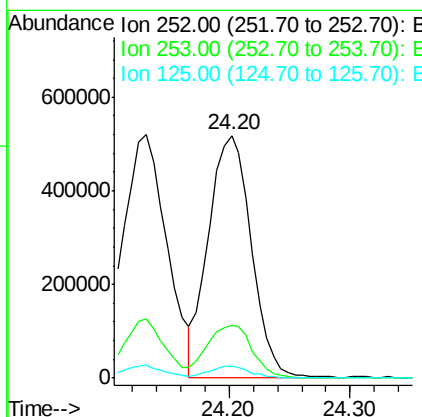
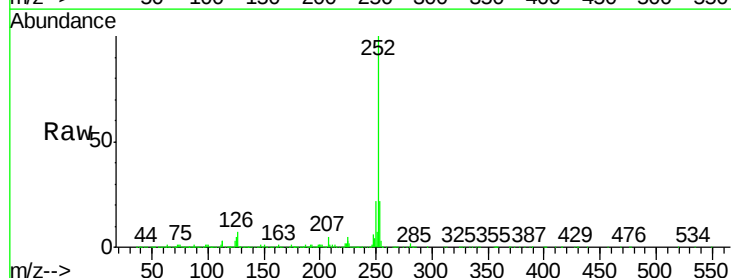
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MSD

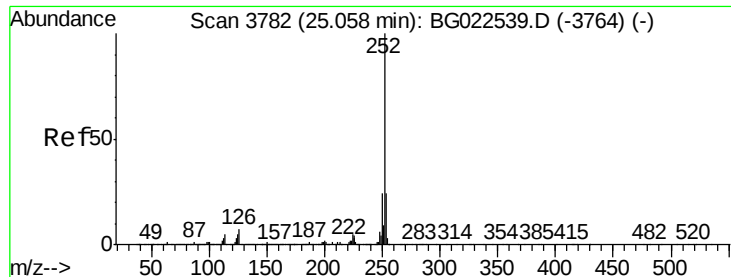
Tot Ion:252 Resp: 1340961
Ion Ratio Lower Upper
252 100
253 24.4 18.9 28.3
125 5.6 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 20.74 ng
RT: 24.20 min Scan# 3636
Delta R.T. 0.00 min
Lab File: BG022694.D
Acq: 29 Jun 2016 3:07

Tgt Ion:252 Resp: 1265397
Ion Ratio Lower Upper
252 100
253 21.6 18.8 28.2
125 5.1 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 20.10 ng

RT: 25.04 min Scan# 3779

Delta R.T. 0.00 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

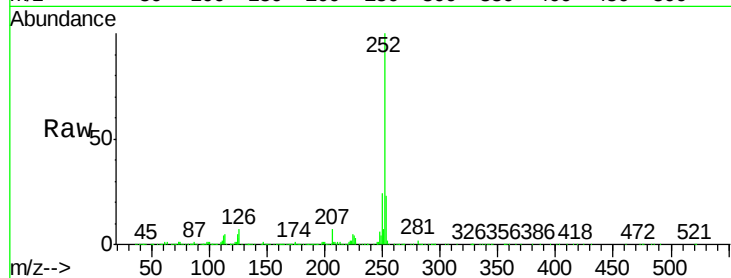
BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

Tot Ion:252 Resp: 1265123

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	5.3	3.9	5.9

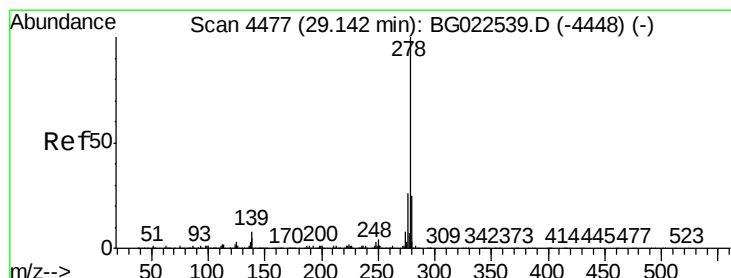
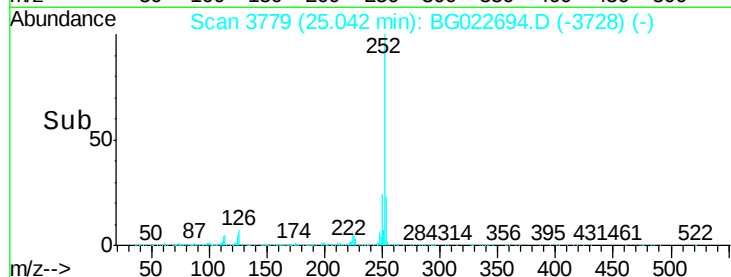
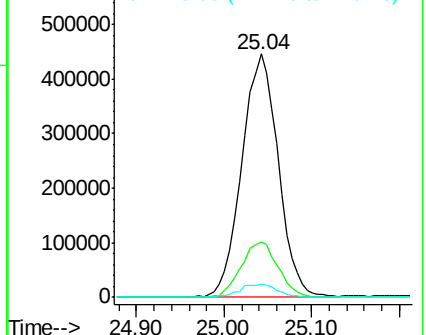


Abundance

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: 19.91 ng

RT: 29.10 min Scan# 4470

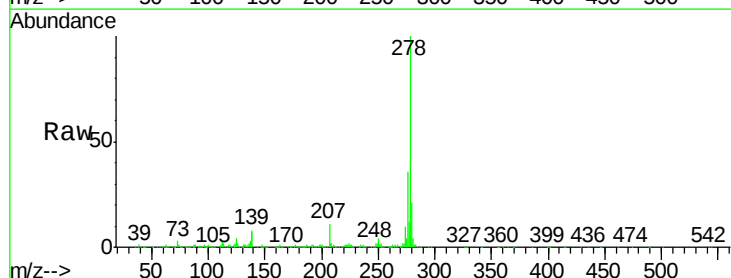
Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Tgt Ion:278 Resp: 1179352

Ion	Ratio	Lower	Upper
278	100		
139	8.4	4.7	7.1#
279	21.1	18.3	27.5

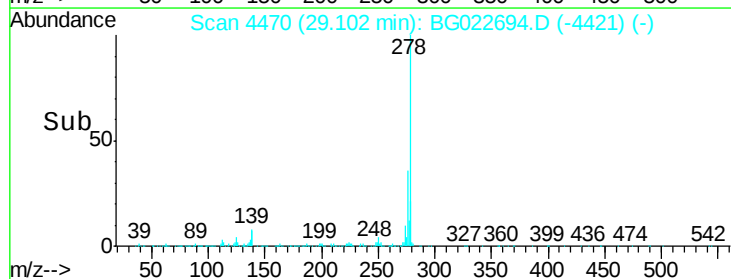
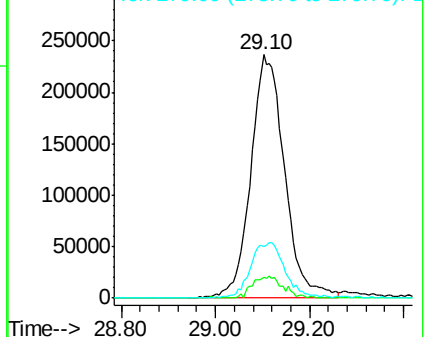


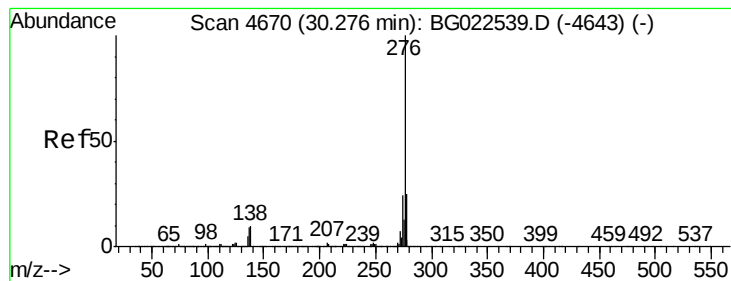
Abundance

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(a,h,i)perylene

Concen: 18.90 ng

RT: 30.25 min Scan# 4665

Delta R.T. -0.01 min

Lab File: BG022694.D

Acq: 29 Jun 2016 3:07

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MSD

Tot Ion:276 Resp: 1139978

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 11.6 6.8 10.2#

