

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
 Data File : BG015885.D
 Acq On : 10 Jan 2015 2:41
 Operator : TP/IZ
 Sample : G1044-10
 Misc : W
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:30:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

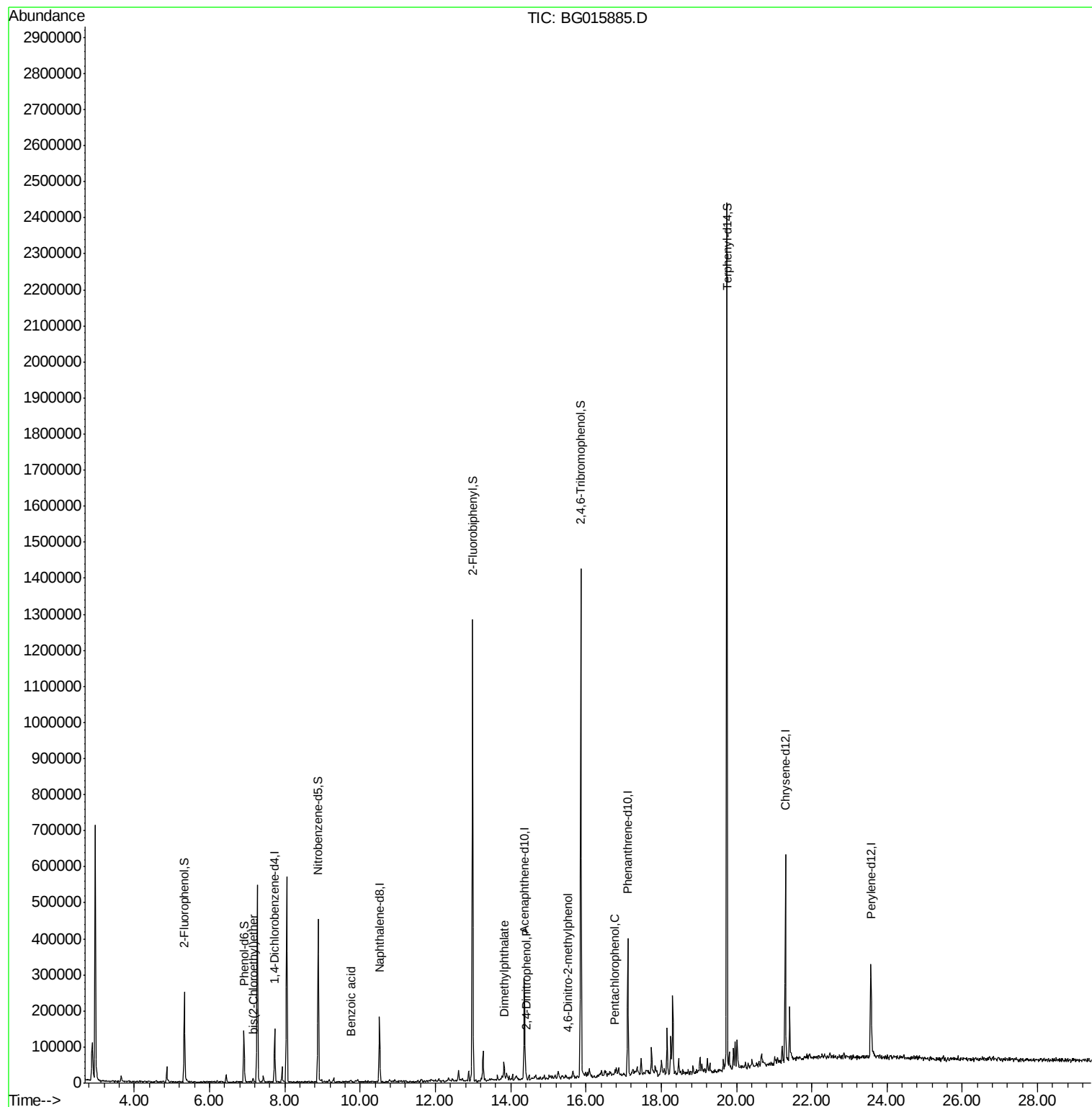
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	32097	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	115270	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	91109	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	206510	20.00	ng	0.00
75) Chrysene-d12	21.30	240	283097	20.00	ng	0.00
86) Perylene-d12	23.57	264	243769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	94557	25.34	ng	0.00
7) Phenol-d6	6.91	99	77274	14.87	ng	0.00
23) Nitrobenzene-d5	8.89	82	257305	43.80	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	239204	69.07	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	576589	45.20	ng	0.00
78) Terphenyl-d14	19.75	244	997935	39.39	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	7.16	93	4338	2.08	ng	86
32) Benzoic acid	9.76	122	154	5.59	ng	# 1
49) Dimethylphthalate	13.82	163	23753	3.53	ng	# 95
53) 2,4-Dinitrophenol	14.42	184	53	10.01	ng	# 17
64) 4,6-Dinitro-2-methylphenol	15.51	198	59	3.59	ng	# 1
69) Pentachlorophenol	16.78	266	75	3.14	ng	# 20

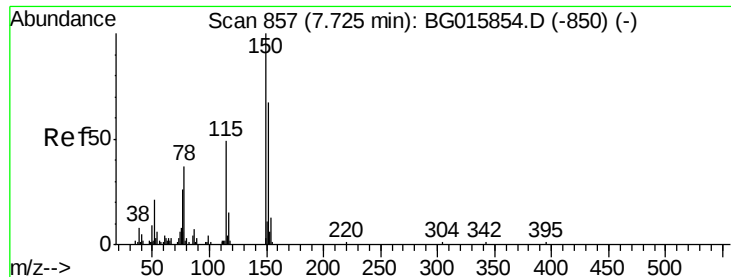
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration



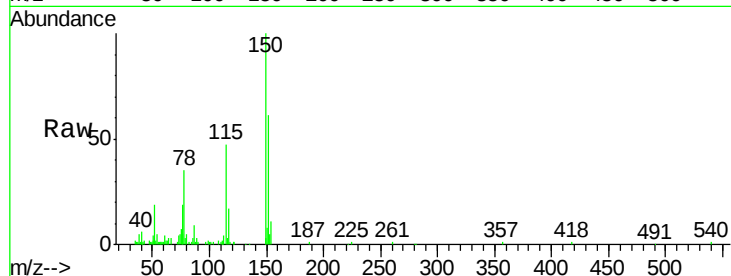


#1

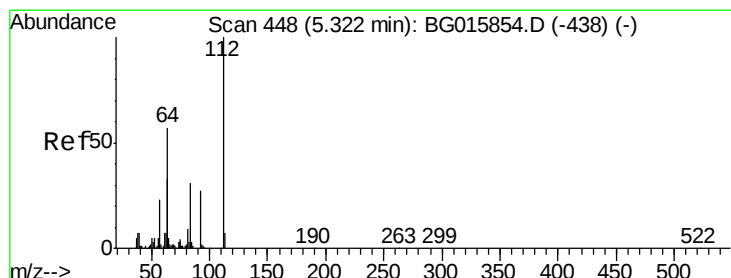
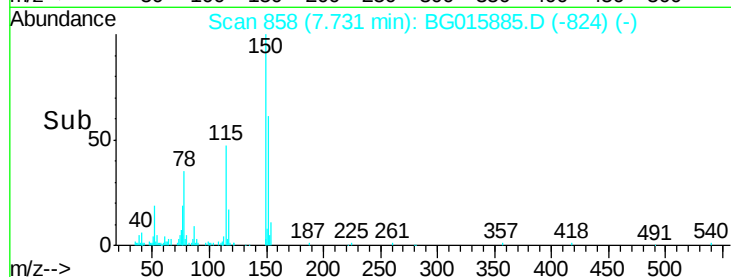
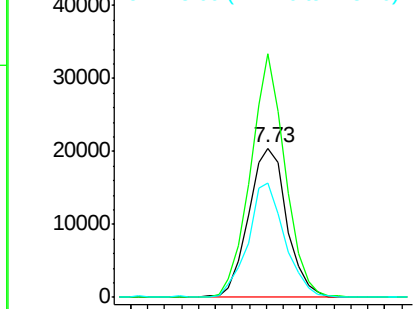
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG015885.D
Acq: 10 Jan 2015 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32097
Ion Ratio Lower Upper
152 100
150 162.9 120.5 180.7
115 76.5 54.0 81.0



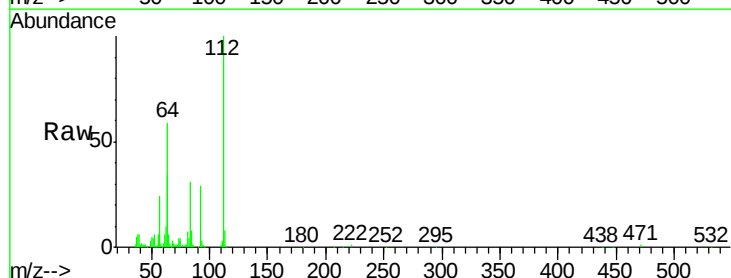
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



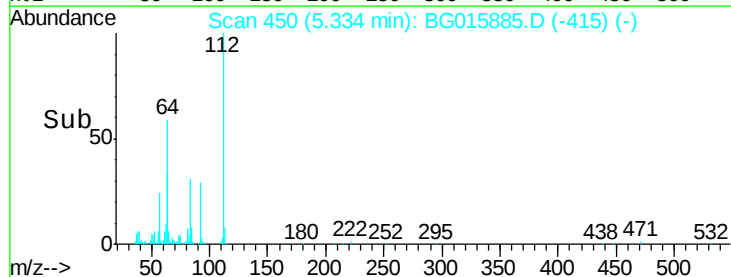
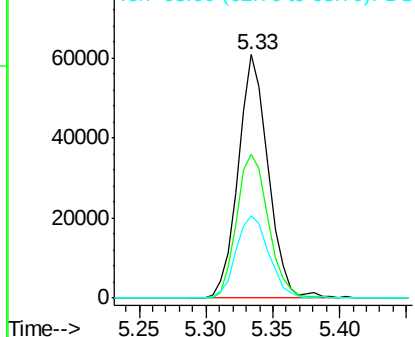
#5

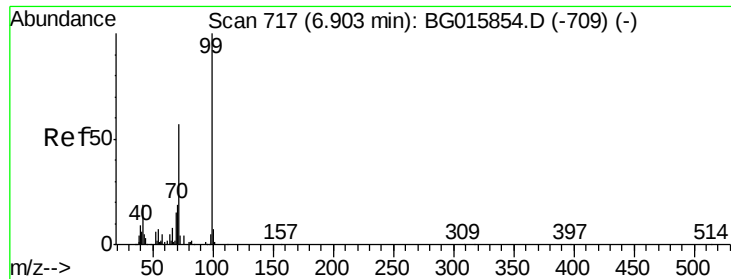
2-Fluorophenol
Concen: 25.34 ng
RT: 5.33 min Scan# 450
Delta R.T. 0.00 min
Lab File: BG015885.D
Acq: 10 Jan 2015 2:41

Tgt Ion:112 Resp: 94557
Ion Ratio Lower Upper
112 100
64 59.3 46.8 70.2
63 34.0 30.6 45.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 14.87 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG015885.D

Acq: 10 Jan 2015 2:41

Instrument :

BNA_G

ClientSampleId :

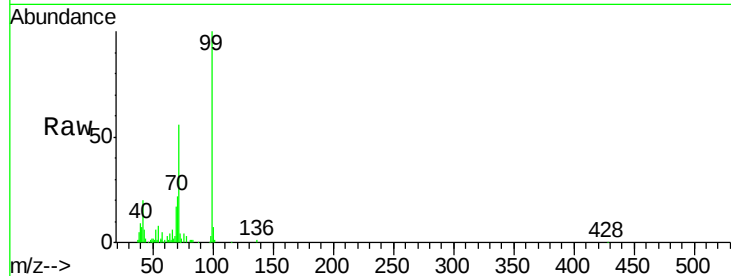
Tgt Ion: 99 Resp: 77274

Ion Ratio Lower Upper

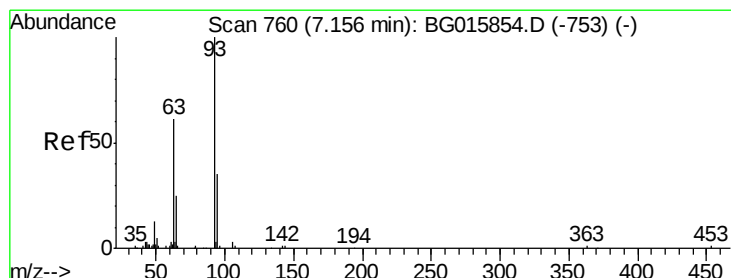
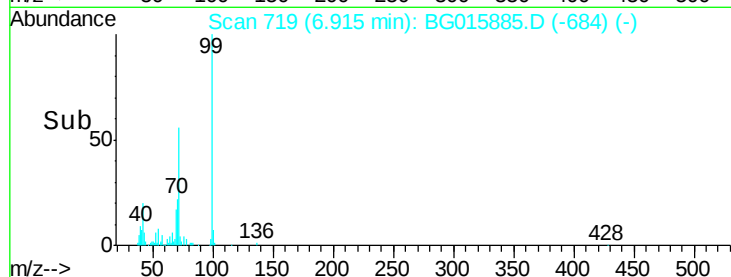
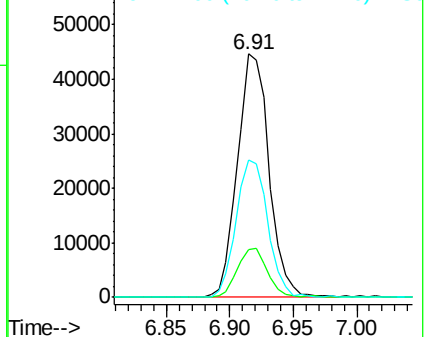
99 100

42 19.6 13.8 20.8

71 56.3 42.8 64.2



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



#11

bis(2-Chloroethyl)ether

Concen: 2.08 ng

RT: 7.16 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG015885.D

Acq: 10 Jan 2015 2:41

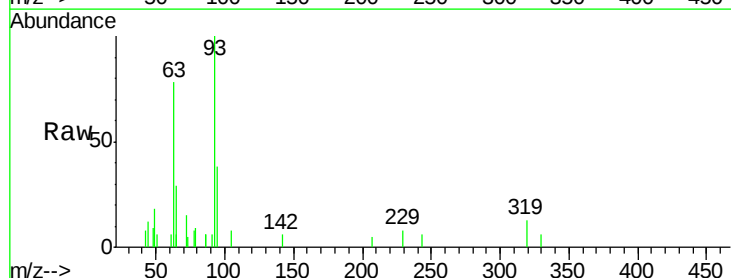
Tgt Ion: 93 Resp: 4338

Ion Ratio Lower Upper

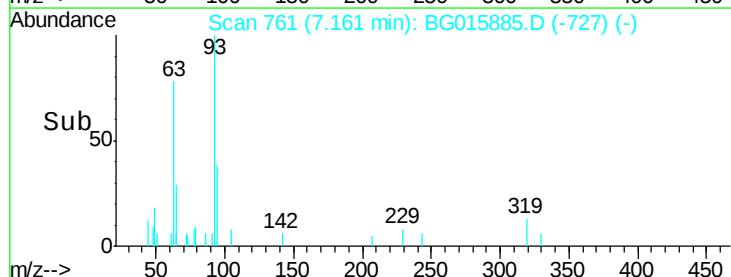
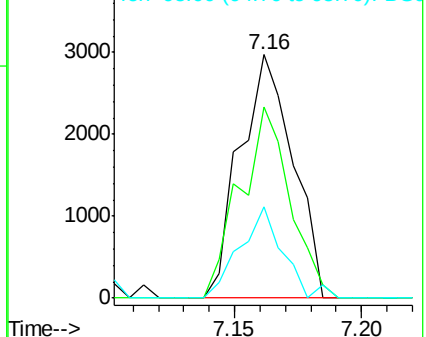
93 100

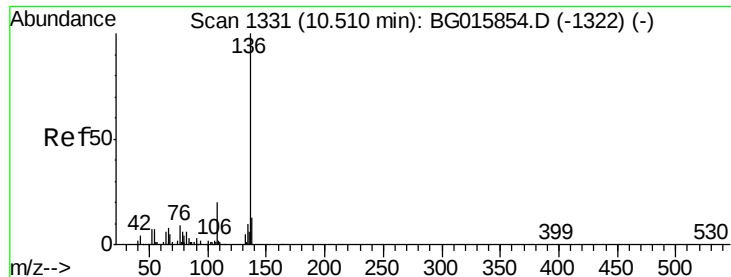
63 78.3 45.1 85.1

95 37.7 12.1 52.1



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

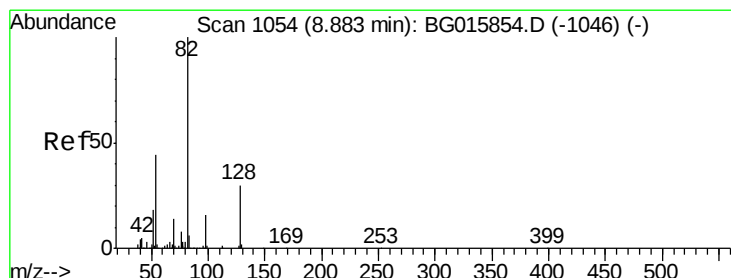
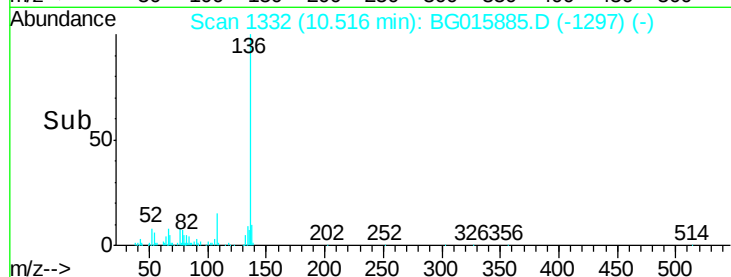
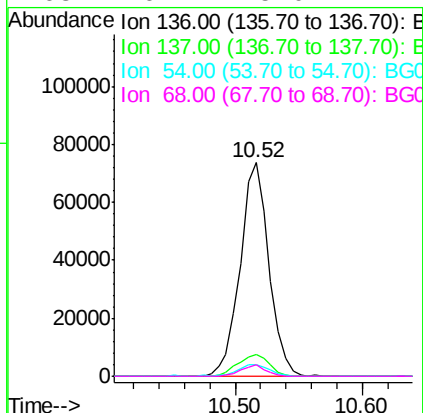
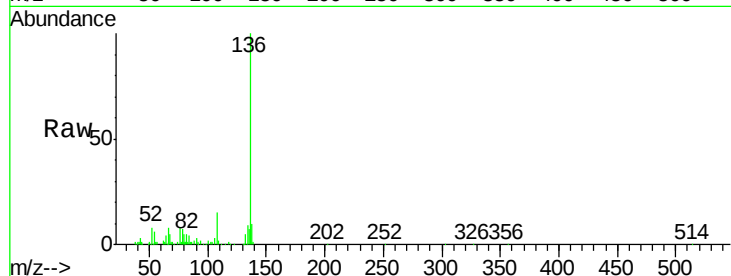




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG015885.D
Acq: 10 Jan 2015 2:41

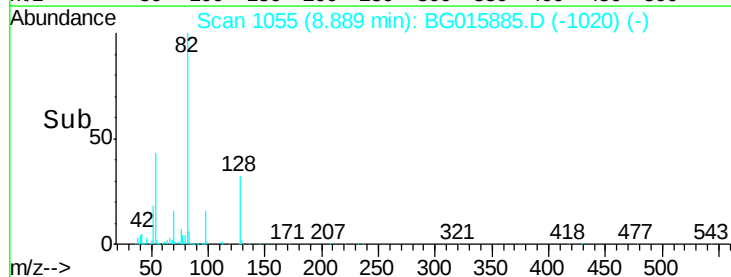
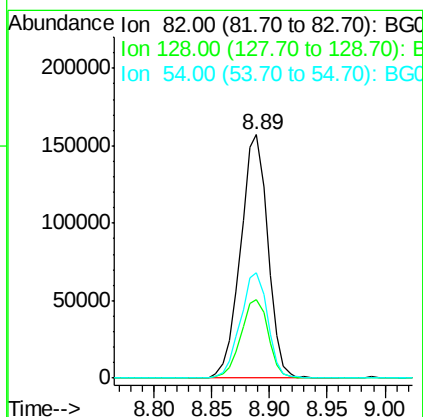
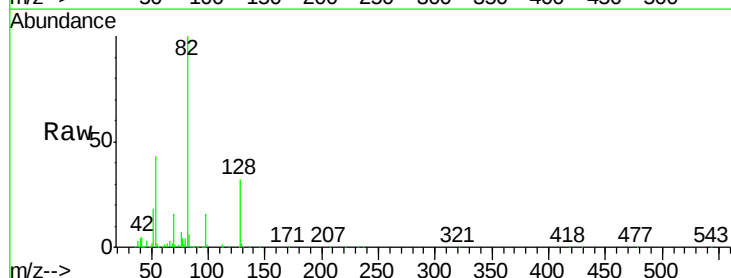
Instrument :
BNA_G
ClientSampleId :

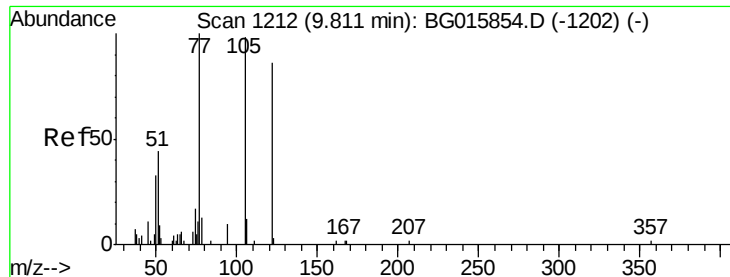
Tgt Ion:	136	Resp:	115270
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	5.6	4.5	6.7
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 43.80 ng
RT: 8.89 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG015885.D
Acq: 10 Jan 2015 2:41

Tgt Ion:	82	Resp:	257305
Ion	Ratio	Lower	Upper
82	100		
128	32.4	23.4	35.0
54	43.1	32.3	48.5

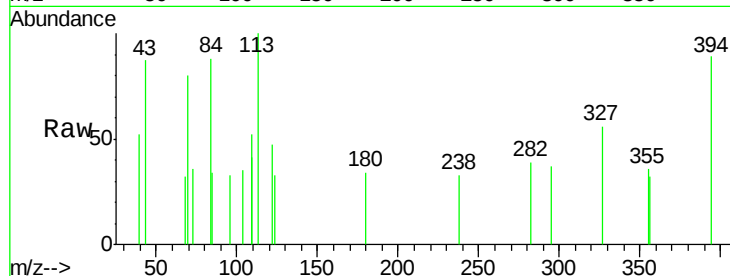




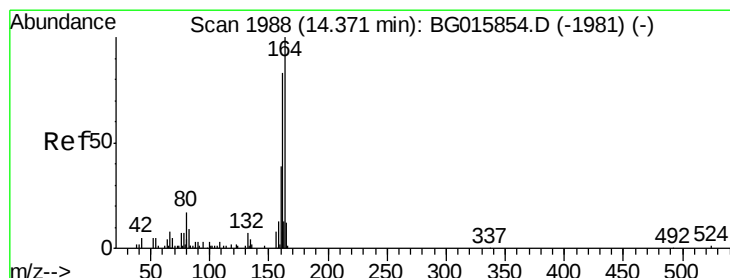
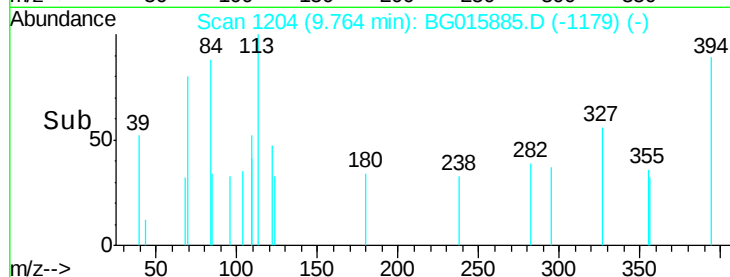
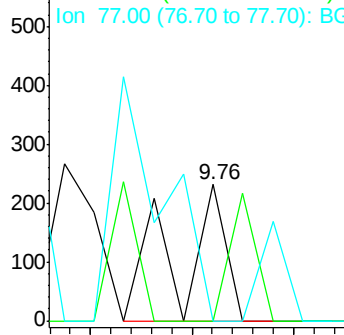
#32
Benzoic acid
Concen: 5.59 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.06 min
Lab File: BG015885.D
Acq: 10 Jan 2015 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.7	163.7#
77	0.0	92.4	132.4#

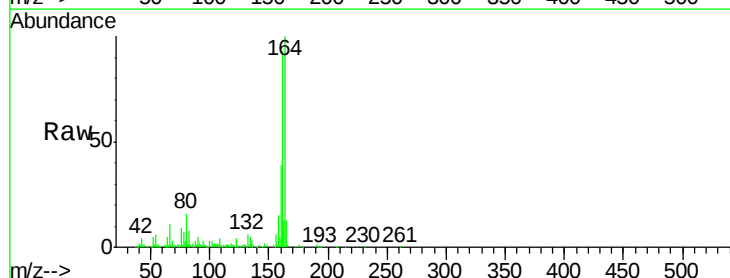


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

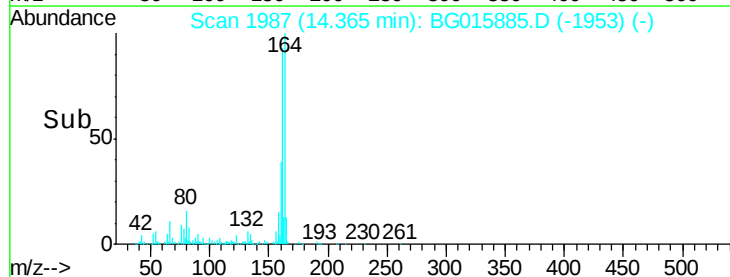
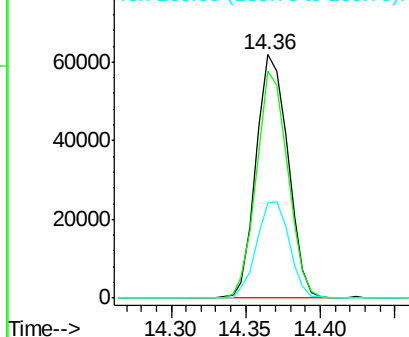


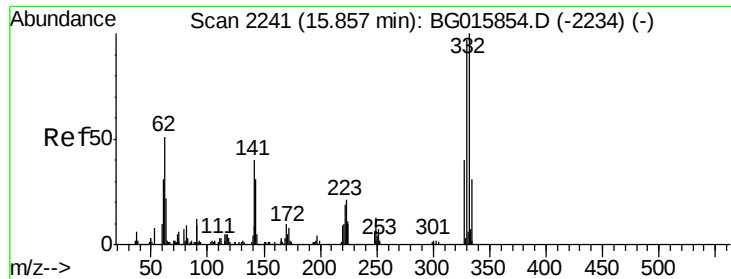
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG015885.D
Acq: 10 Jan 2015 2:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.0	75.5	113.3
160	39.1	37.4	56.0



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

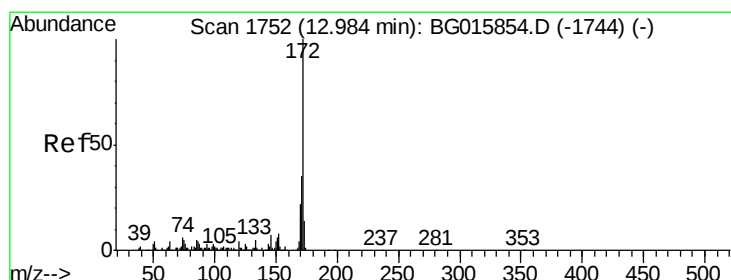
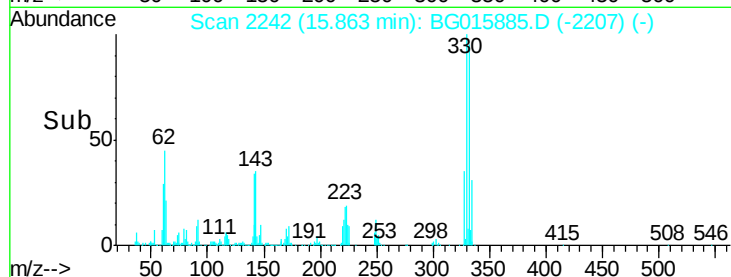
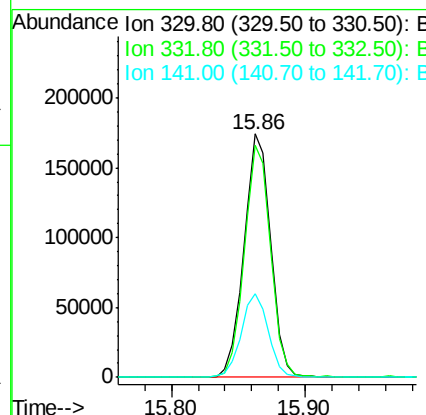
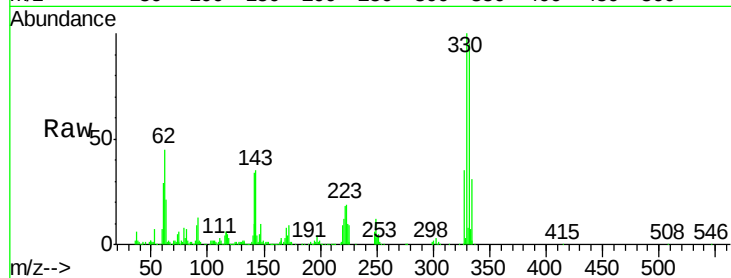




#41
 2,4,6-Tribromophenol
 Concen: 69.07 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG015885.D
 Acq: 10 Jan 2015 2:41

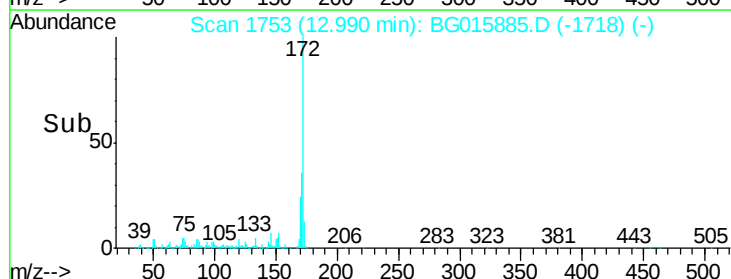
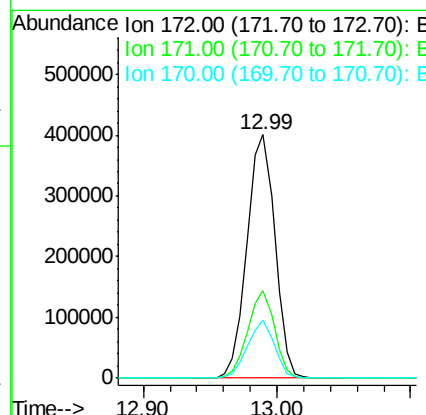
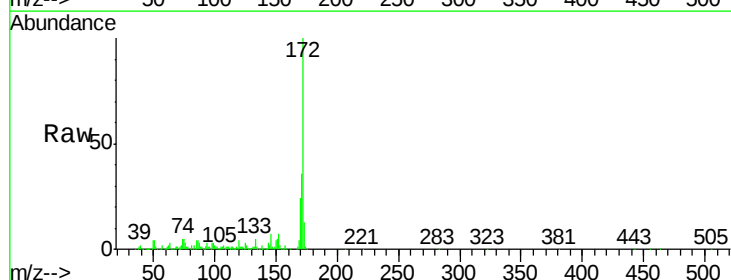
Instrument :
 BNA_G
 ClientSampleId :

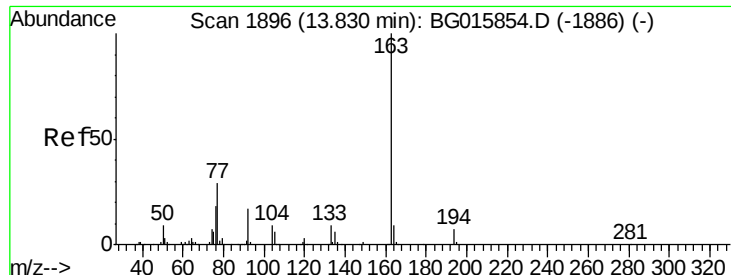
Tgt Ion:330 Resp: 239204
 Ion Ratio Lower Upper
 330 100
 332 94.2 73.8 110.8
 141 34.9 27.2 40.8



#44
 2-Fluorobiphenyl
 Concen: 45.20 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG015885.D
 Acq: 10 Jan 2015 2:41

Tgt Ion:172 Resp: 576589
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.8 18.2 27.4





#49

Dimethylphthalate

Concen: 3.53 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG015885.D

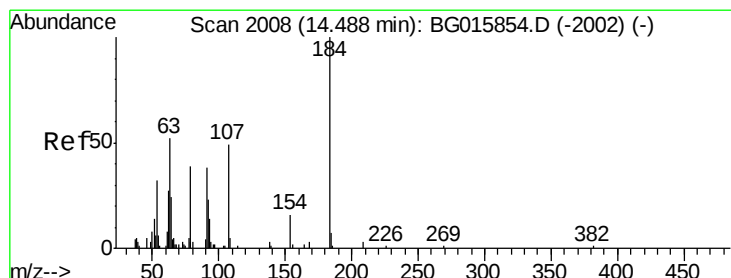
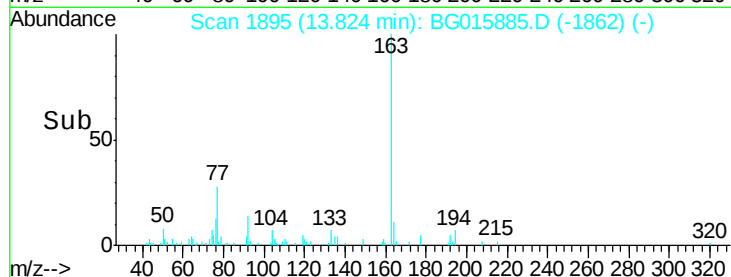
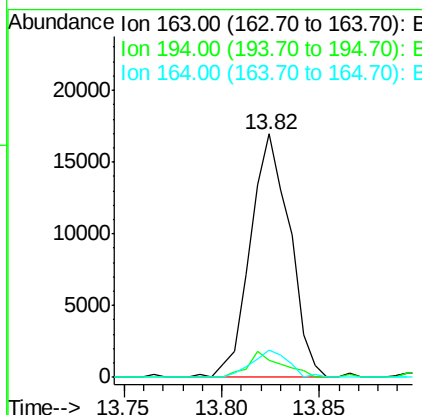
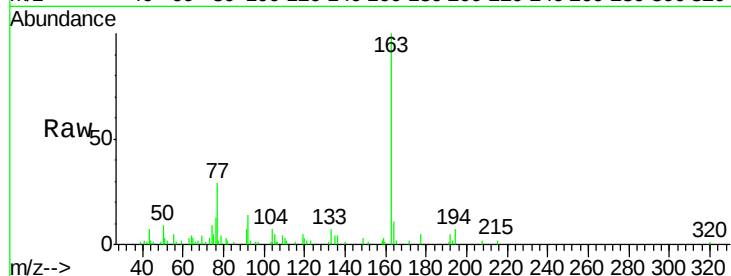
Acq: 10 Jan 2015 2:41

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	163	Resp:	23753
Ion Ratio	Lower	Upper	
163	100		
194	7.0	6.7	10.1
164	11.1	7.4	11.0#



#53

2,4-Dinitrophenol

Concen: 10.01 ng

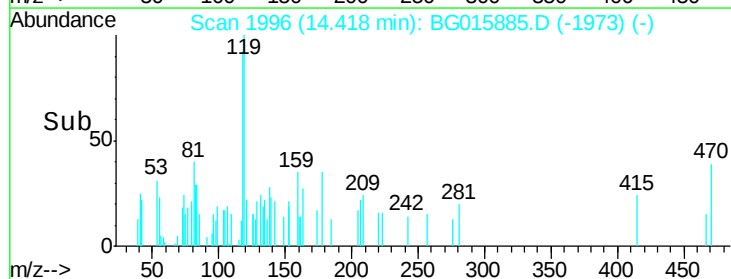
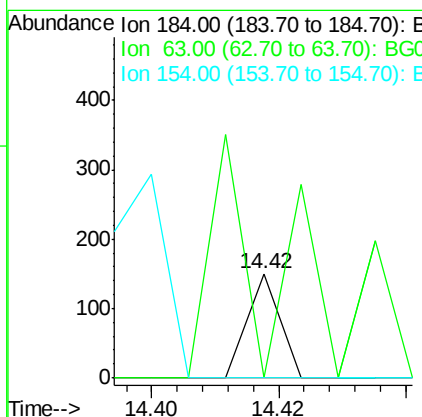
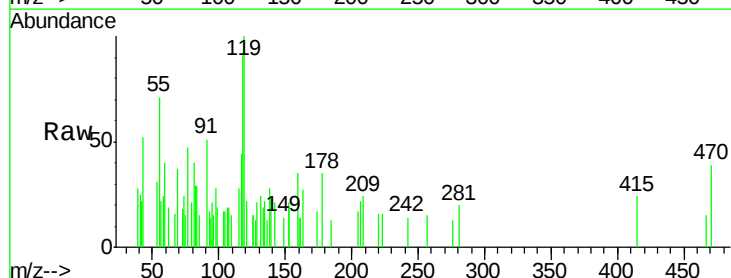
RT: 14.42 min Scan# 1996

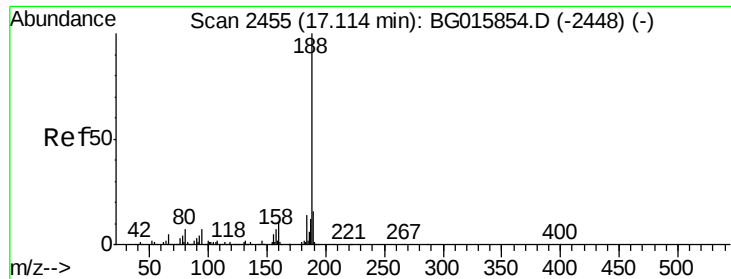
Delta R.T. -0.07 min

Lab File: BG015885.D

Acq: 10 Jan 2015 2:41

Tgt Ion:	184	Resp:	53
Ion Ratio	Lower	Upper	
184	100		
63	0.0	47.3	70.9#
154	0.0	56.9	85.3#

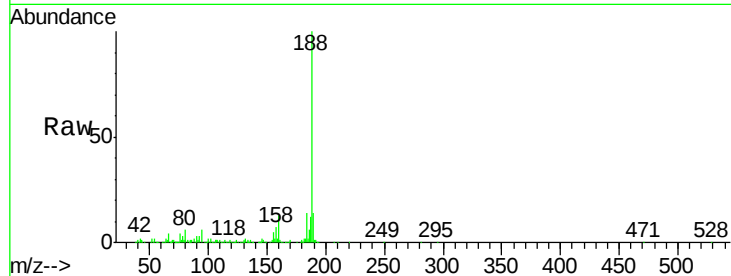




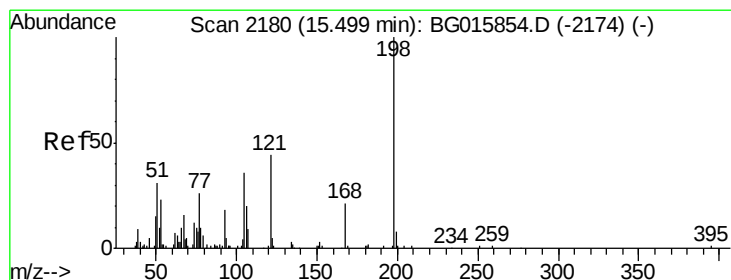
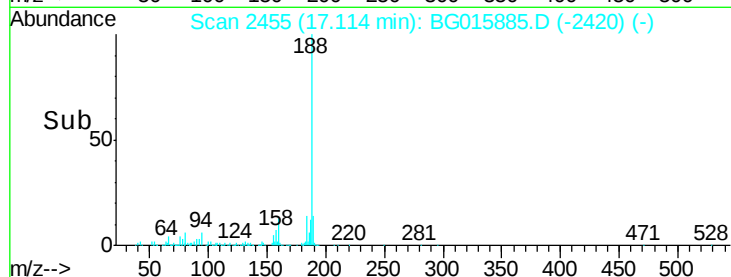
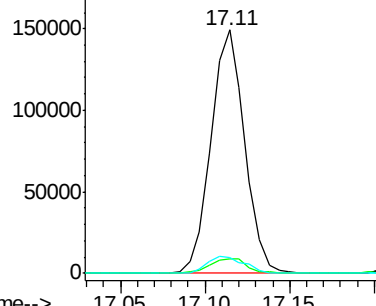
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG015885.D
Acq: 10 Jan 2015 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.4	8.0
80	6.5	6.6	9.8#

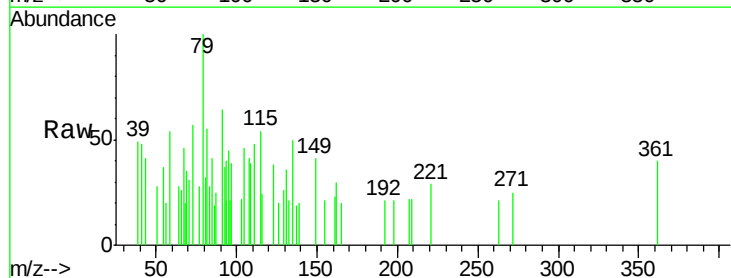


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

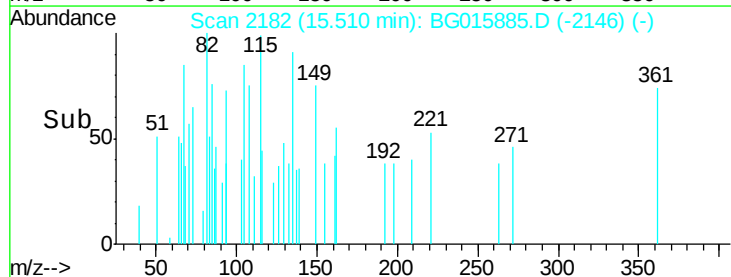
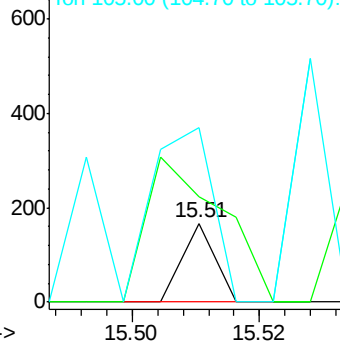


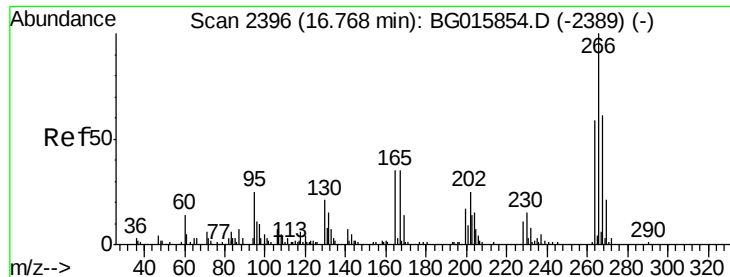
#64
4,6-Dinitro-2-methylphenol
Concen: 3.59 ng
RT: 15.51 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BG015885.D
Acq: 10 Jan 2015 2:41

Tgt Ion	Ratio	Lower	Upper
198	100		
51	134.1	13.6	53.6#
105	222.2	17.9	57.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#69

Pentachlorophenol

Concen: 3.14 ng

RT: 16.78 min Scan# 2398

Delta R.T. 0.02 min

Lab File: BG015885.D

Acq: 10 Jan 2015 2:41

Instrument :

BNA_G

ClientSampleId :

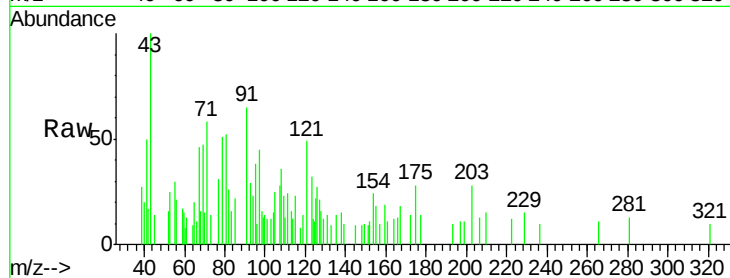
Tgt Ion:266 Resp: 75

Ion Ratio Lower Upper

266 100

268 0.0 50.2 75.2#

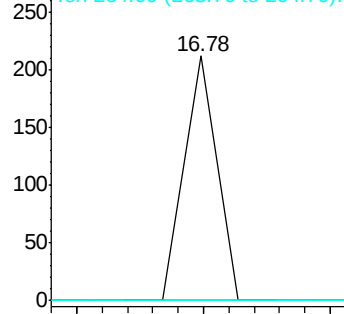
264 0.0 48.2 72.2#



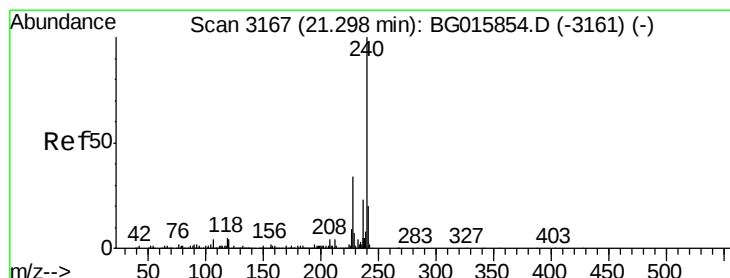
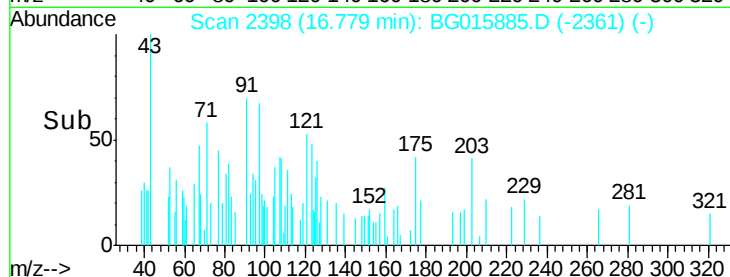
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG015885.D

Acq: 10 Jan 2015 2:41

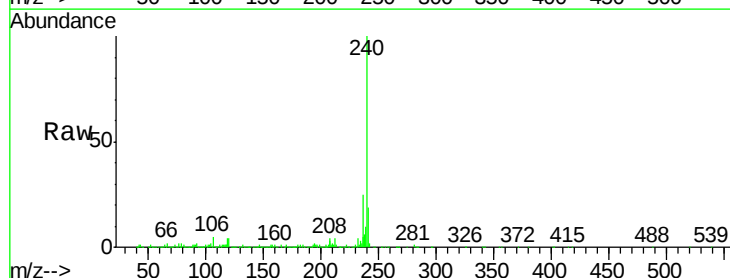
Tgt Ion:240 Resp: 283097

Ion Ratio Lower Upper

240 100

120 3.6 3.4 5.2

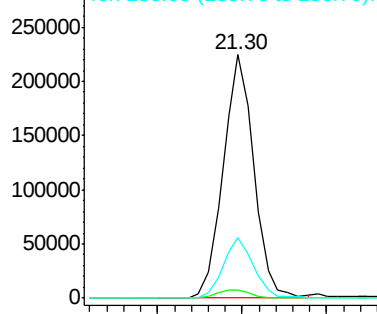
236 25.0 19.0 28.6



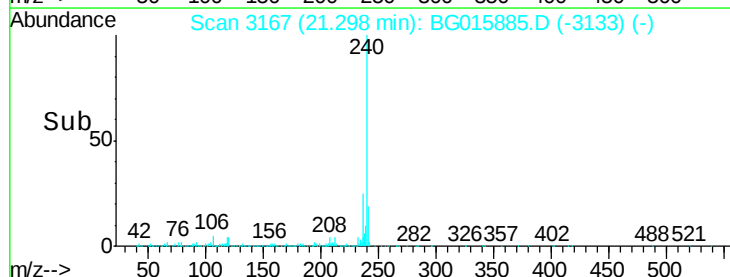
Abundance Ion 240.00 (239.70 to 240.70): E

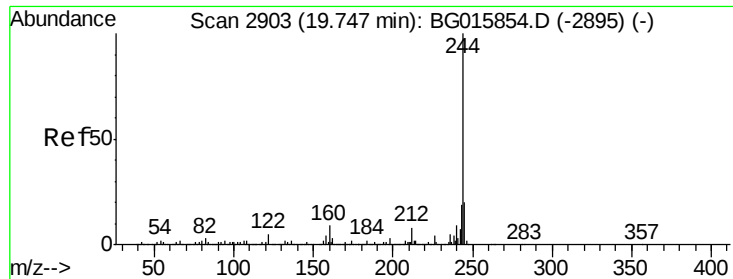
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

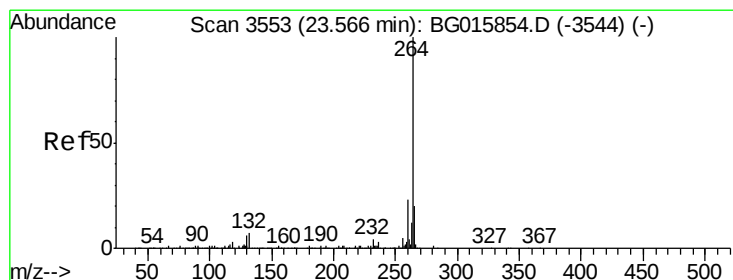
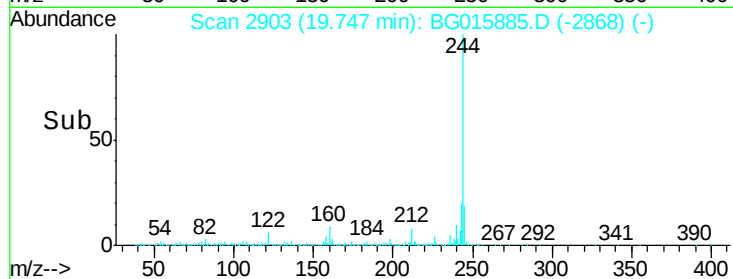
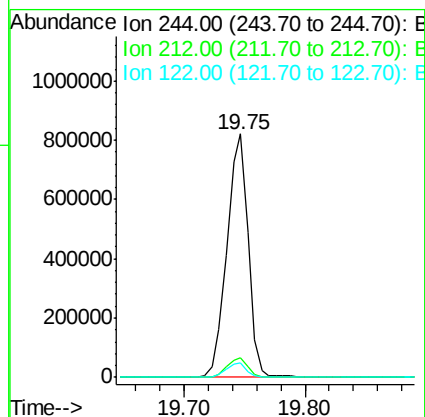
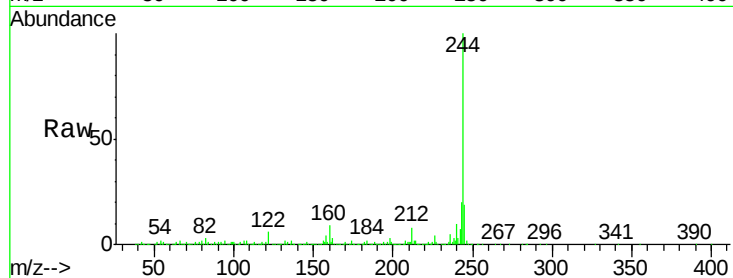




#78
 Terphenyl-d14
 Concen: 39.39 ng
 RT: 19.75 min Scan# 2903
 Delta R.T. 0.00 min
 Lab File: BG015885.D
 Acq: 10 Jan 2015 2:41

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 997935
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 5.7 4.7 7.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.57 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BG015885.D
 Acq: 10 Jan 2015 2:41

Tgt Ion:264 Resp: 243769
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.0 25.4
 265 22.8 17.4 26.0

