

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
 Data File : BG015884.D
 Acq On : 10 Jan 2015 2:07
 Operator : TP/IZ
 Sample : PB81273TB
 Misc : W DOD
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:28:25 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

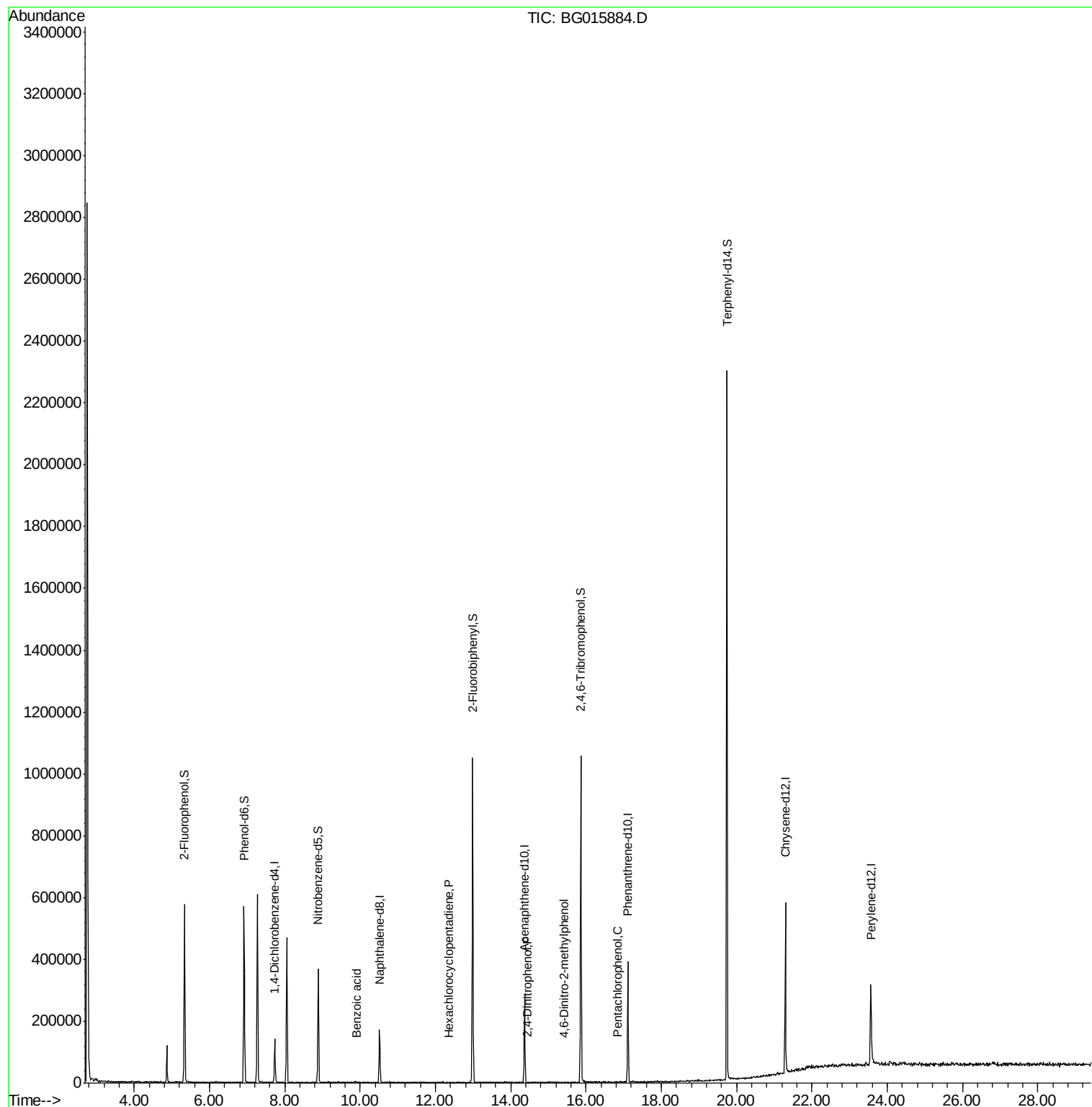
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	31189	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	113323	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	89367	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	207726	20.00	ng	0.00
75) Chrysene-d12	21.30	240	281647	20.00	ng	0.00
86) Perylene-d12	23.56	264	238031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	216350	59.66	ng	0.00
7) Phenol-d6	6.92	99	293521	58.11	ng	0.00
23) Nitrobenzene-d5	8.89	82	207581	35.94	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	198477	58.42	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	462514	36.96	ng	0.00
78) Terphenyl-d14	19.74	244	985721	39.11	ng	0.00
Target Compounds						
32) Benzoic acid	9.91	122	80	5.51	ng	# 21
40) Hexachlorocyclopentadiene	12.35	237	57	3.06	ng	# 26
53) 2,4-Dinitrophenol	14.44	184	68	10.02	ng	# 17
64) 4,6-Dinitro-2-methylphenol	15.43	198	74	3.59	ng	# 39
69) Pentachlorophenol	16.83	266	54	3.13	ng	# 20

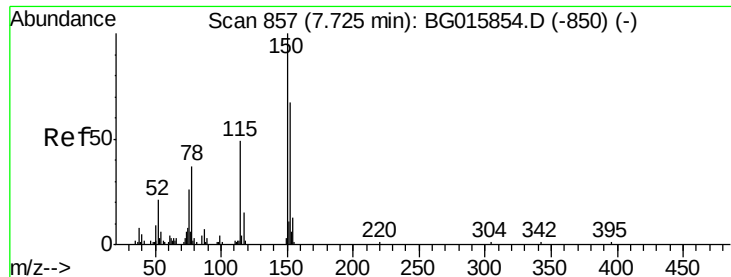
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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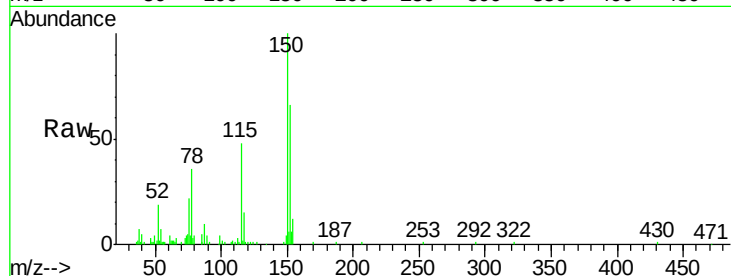


#1

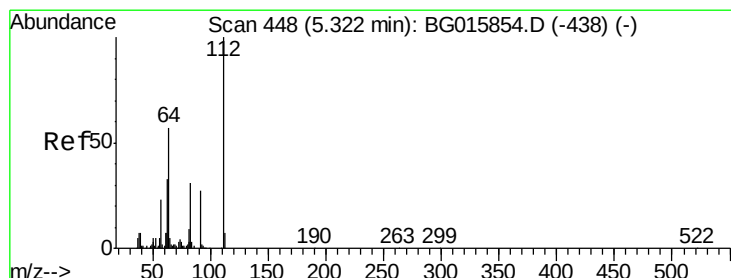
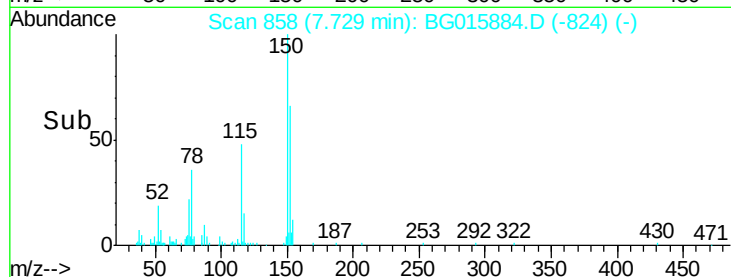
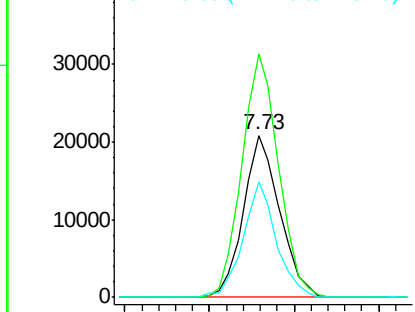
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG015884.D
Acq: 10 Jan 2015 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31189
Ion Ratio Lower Upper
152 100
150 150.4 120.5 180.7
115 71.6 54.0 81.0



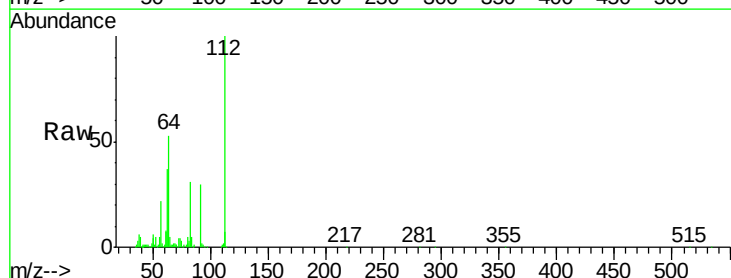
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



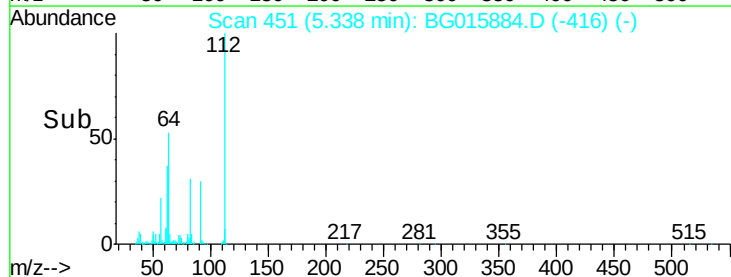
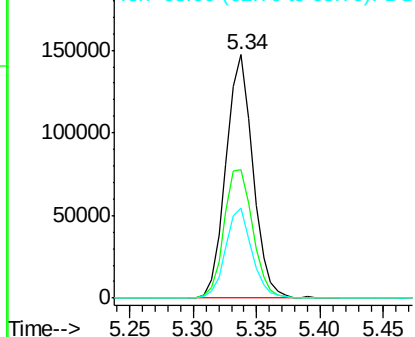
#5

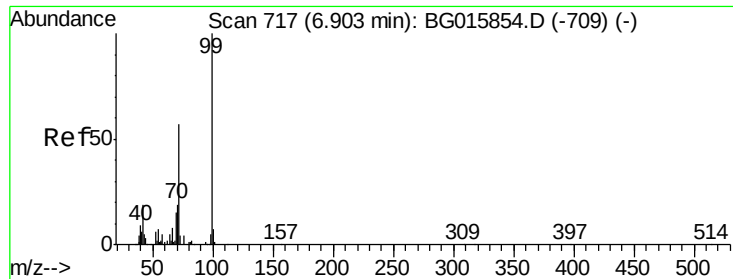
2-Fluorophenol
Concen: 59.66 ng
RT: 5.34 min Scan# 451
Delta R.T. 0.01 min
Lab File: BG015884.D
Acq: 10 Jan 2015 2:07

Tgt Ion:112 Resp: 216350
Ion Ratio Lower Upper
112 100
64 52.7 46.8 70.2
63 36.8 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: 58.11 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG015884.D

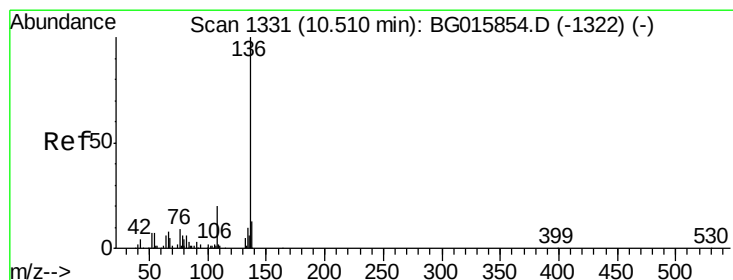
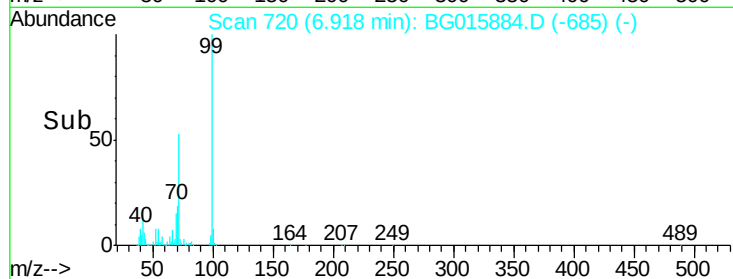
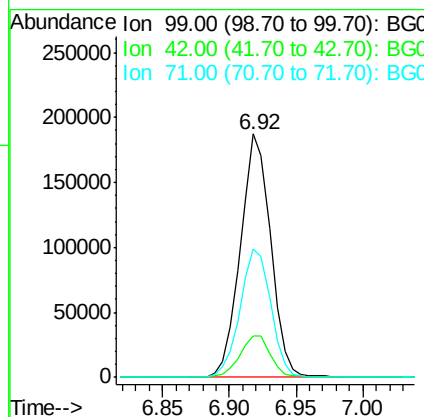
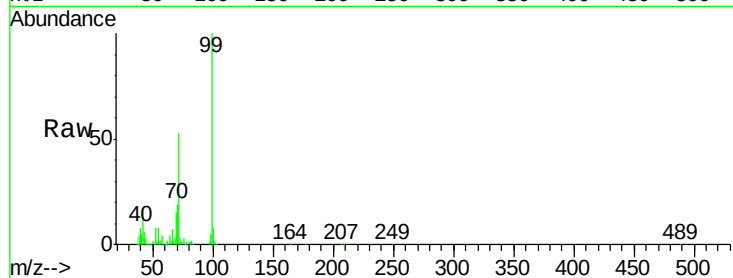
Acq: 10 Jan 2015 2:07

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	99	Resp:	293521
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	52.6	42.8	64.2



#21

Naphthalene-d8

Concen: 20.00 ng

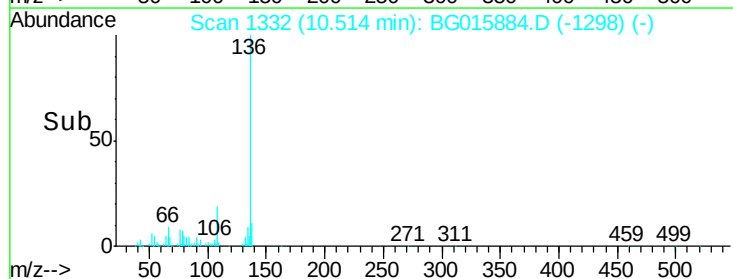
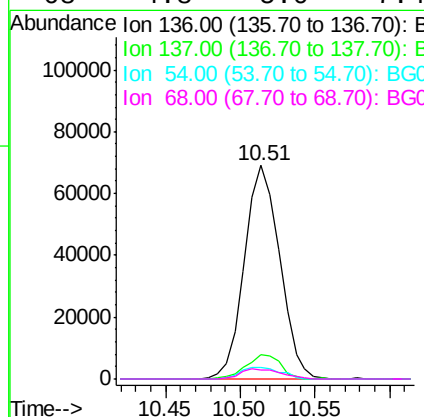
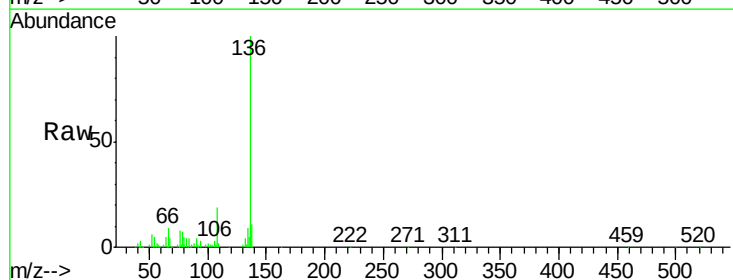
RT: 10.51 min Scan# 1332

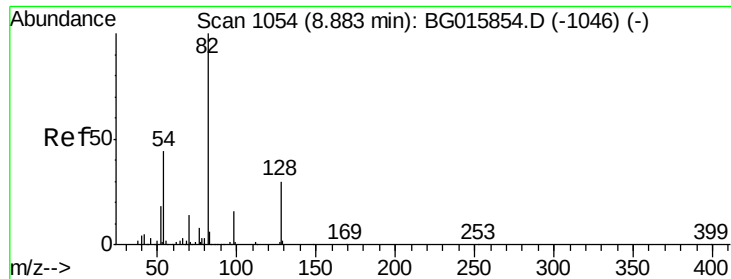
Delta R.T. 0.00 min

Lab File: BG015884.D

Acq: 10 Jan 2015 2:07

Tgt Ion:	136	Resp:	113323
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	5.3	4.5	6.7
68	4.8	5.0	7.4#

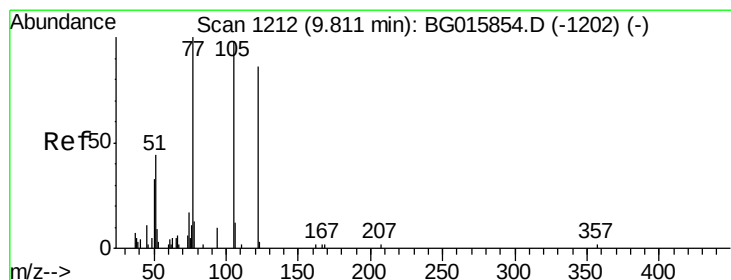
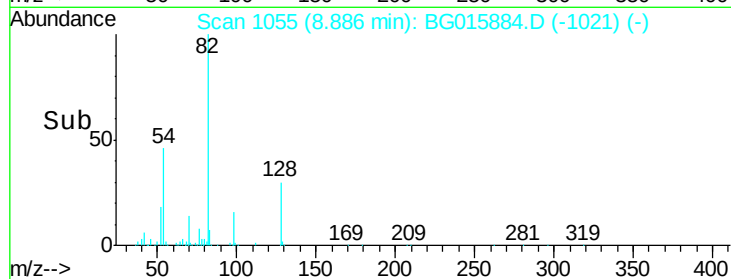
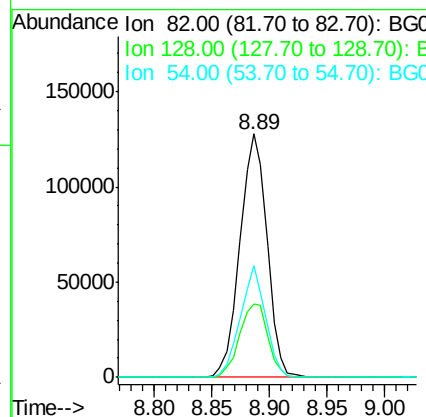
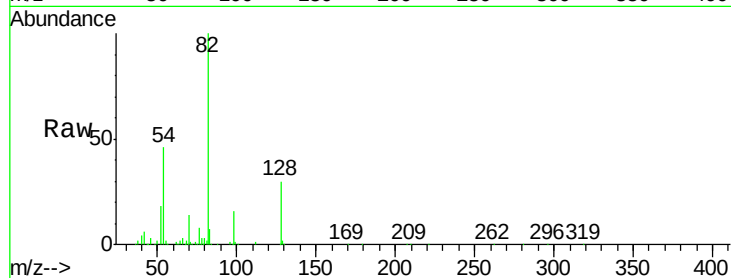




#23
Nitrobenzene-d5
Concen: 35.94 ng
RT: 8.89 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG015884.D
Acq: 10 Jan 2015 2:07

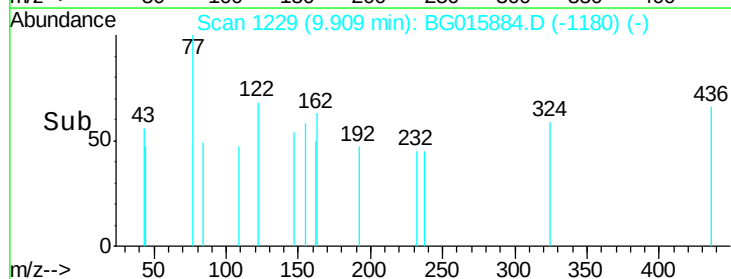
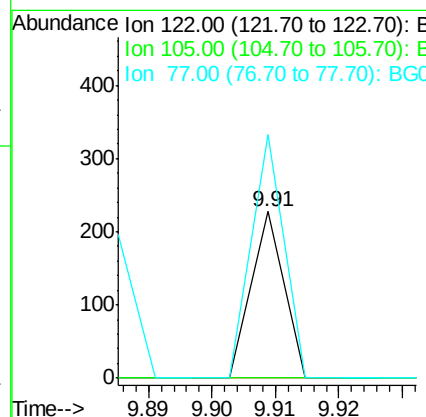
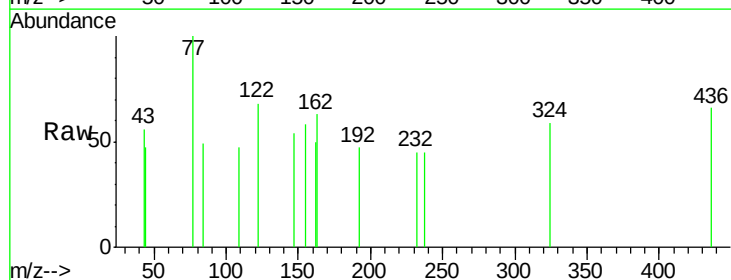
Instrument :
BNA_G
ClientSampleId :

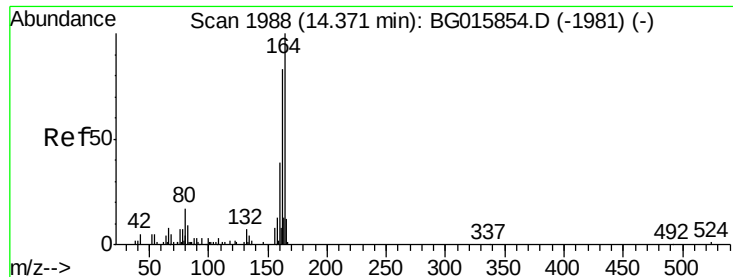
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.2	23.4	35.0
54	45.9	32.3	48.5



#32
Benzoic acid
Concen: 5.51 ng
RT: 9.91 min Scan# 1229
Delta R.T. 0.09 min
Lab File: BG015884.D
Acq: 10 Jan 2015 2:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.7	163.7#
77	146.1	92.4	132.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG015884.D

Acq: 10 Jan 2015 2:07

Instrument :

BNA_G

ClientSampleId :

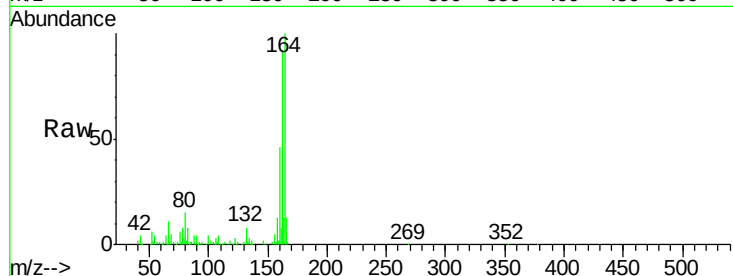
Tgt Ion:164 Resp: 89367

Ion Ratio Lower Upper

164 100

162 92.0 75.5 113.3

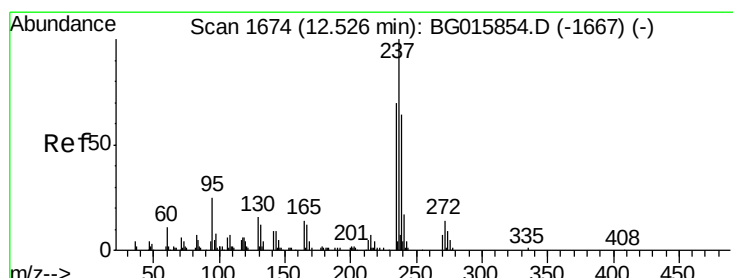
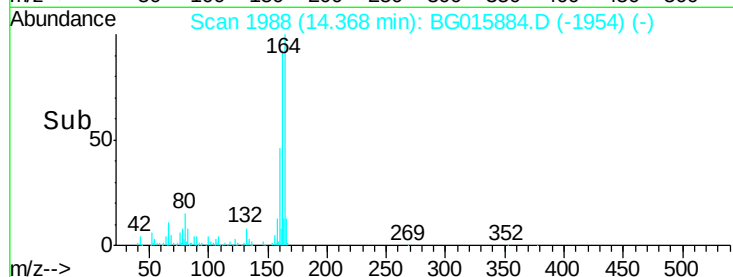
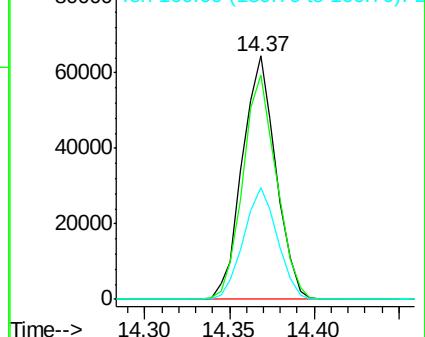
160 45.8 37.4 56.0



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



#40

Hexachlorocyclopentadiene

Concen: 3.06 ng

RT: 12.35 min Scan# 1644

Delta R.T. -0.18 min

Lab File: BG015884.D

Acq: 10 Jan 2015 2:07

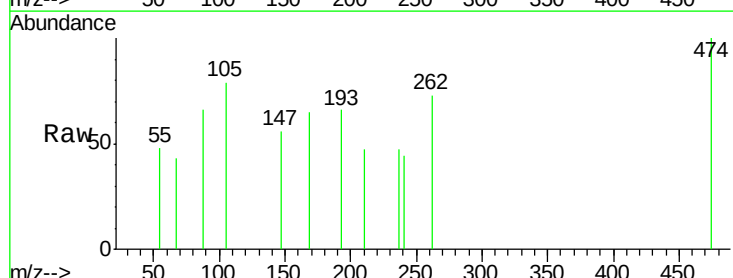
Tgt Ion:237 Resp: 57

Ion Ratio Lower Upper

237 100

235 0.0 43.2 83.2#

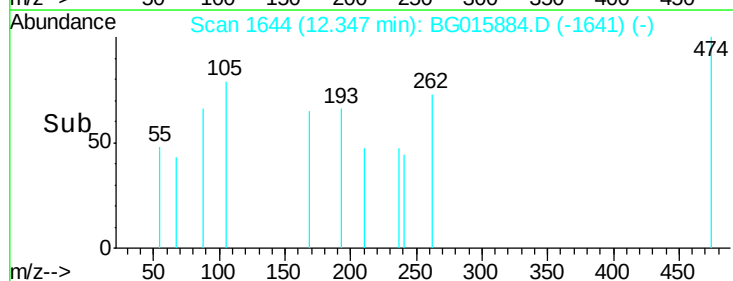
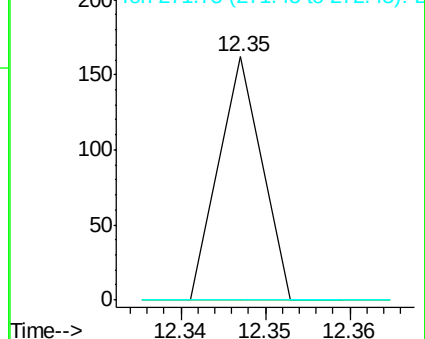
272 0.0 0.0 31.1

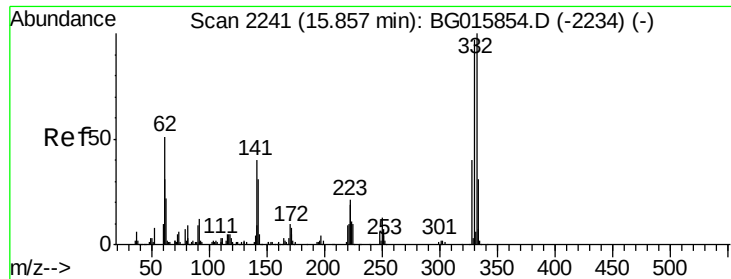


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

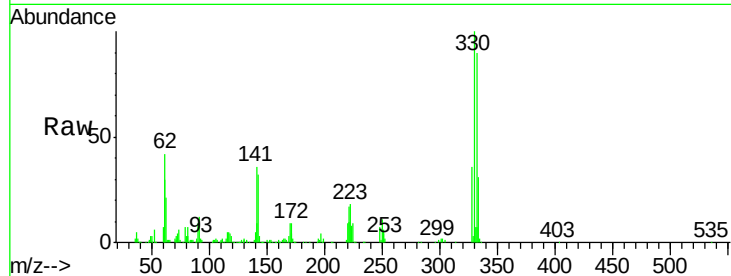




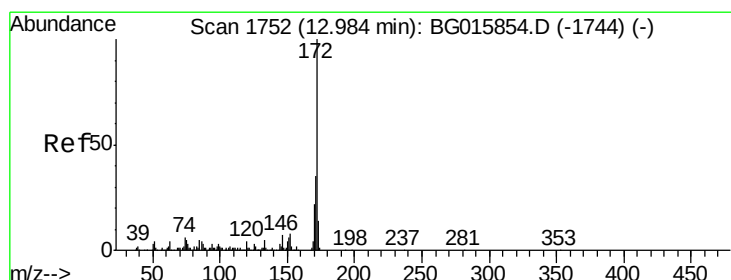
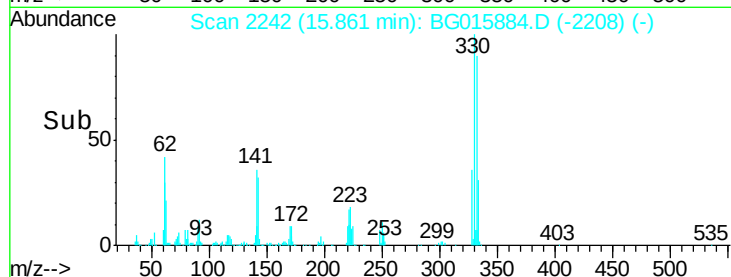
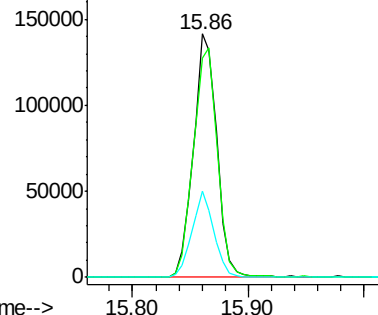
#41
 2,4,6-Tribromophenol
 Concen: 58.42 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG015884.D
 Acq: 10 Jan 2015 2:07

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:330 Resp: 198477
 Ion Ratio Lower Upper
 330 100
 332 96.2 73.8 110.8
 141 33.2 27.2 40.8

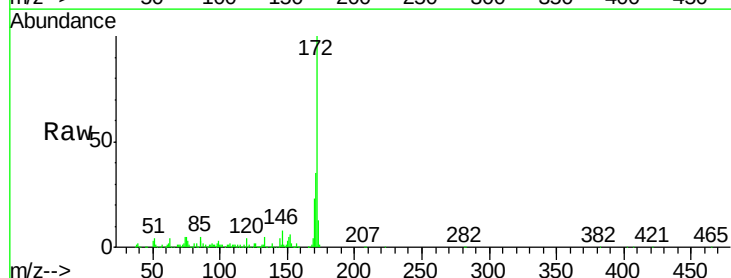


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

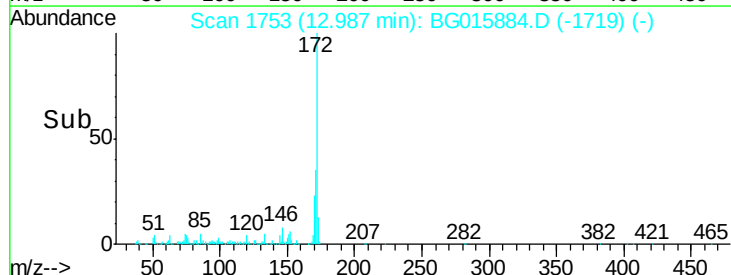
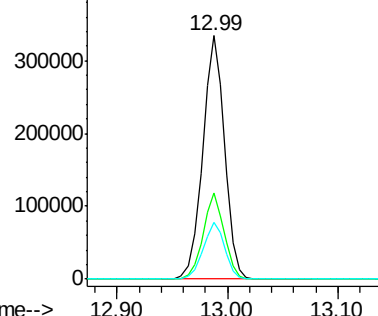


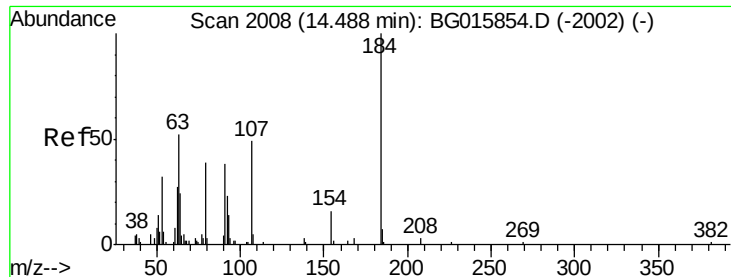
#44
 2-Fluorobiphenyl
 Concen: 36.96 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG015884.D
 Acq: 10 Jan 2015 2:07

Tgt Ion:172 Resp: 462514
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.0 18.2 27.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

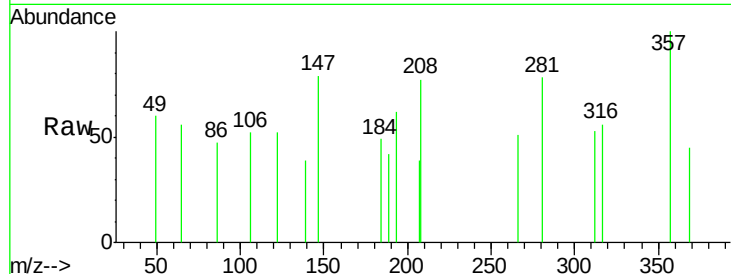




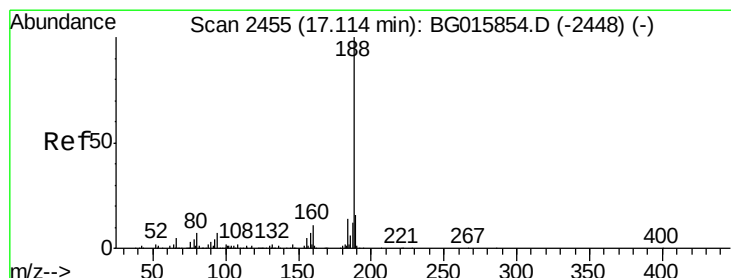
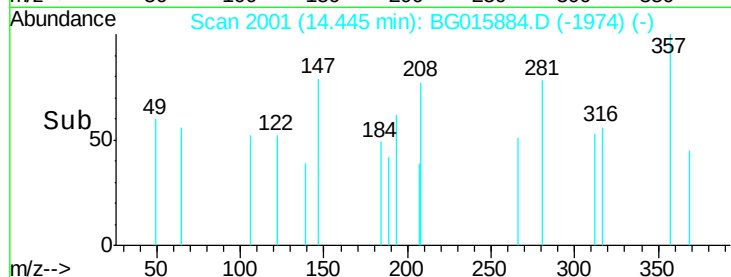
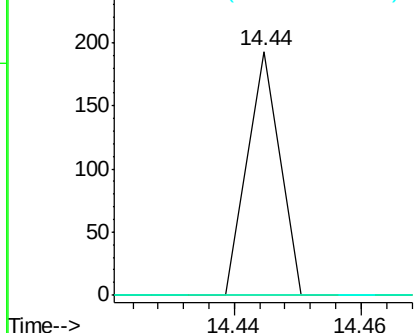
#53
2,4-Dinitrophenol
Concen: 10.02 ng
RT: 14.44 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BG015884.D
Acq: 10 Jan 2015 2:07

Instrument :
BNA_G
ClientSampled :

Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 47.3 70.9#
154 0.0 56.9 85.3#

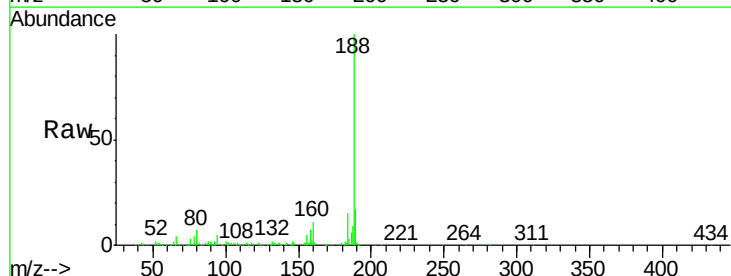


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

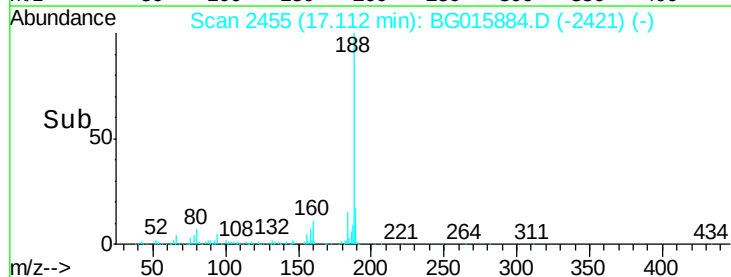
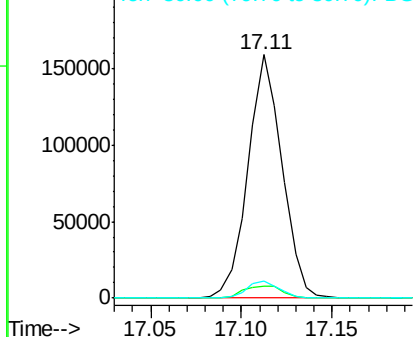


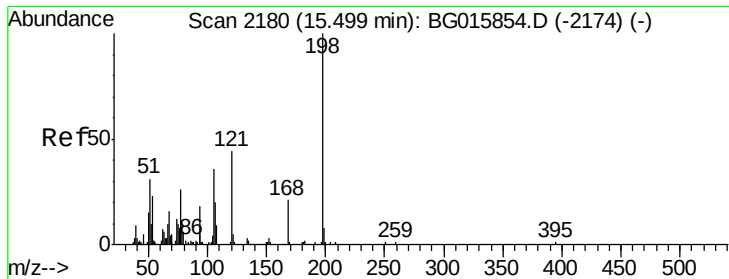
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG015884.D
Acq: 10 Jan 2015 2:07

Tgt Ion:188 Resp: 207726
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.9 6.6 9.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 3.59 ng

RT: 15.43 min Scan# 2168

Delta R.T. -0.08 min

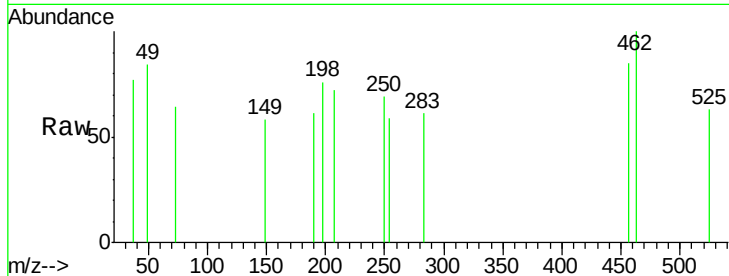
Lab File: BG015884.D

Acq: 10 Jan 2015 2:07

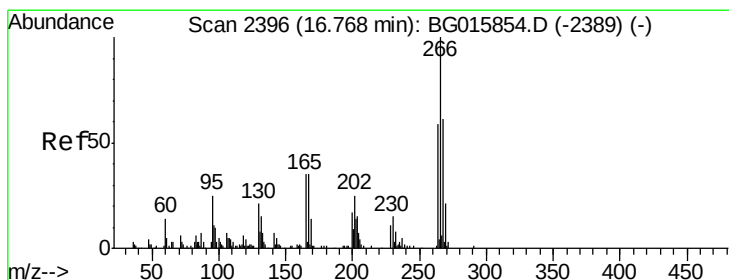
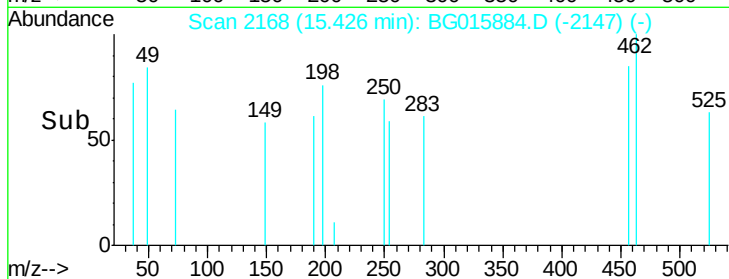
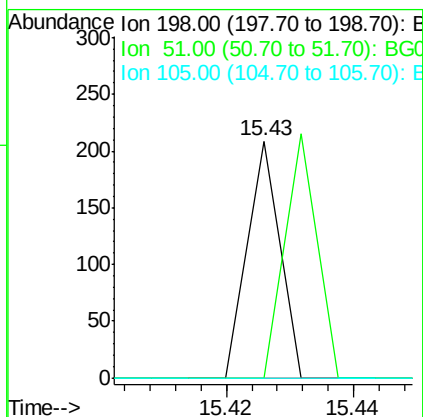
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	198	Resp:	74
Ion Ratio	Lower	Upper	
198	100		
51	0.0	13.6	53.6#
105	0.0	17.9	57.9#



#69

Pentachlorophenol

Concen: 3.13 ng

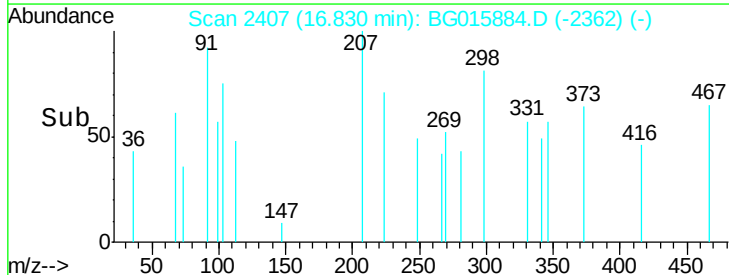
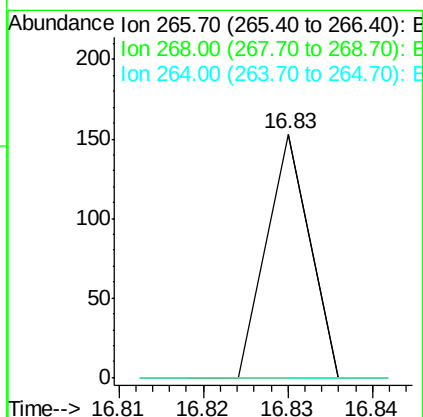
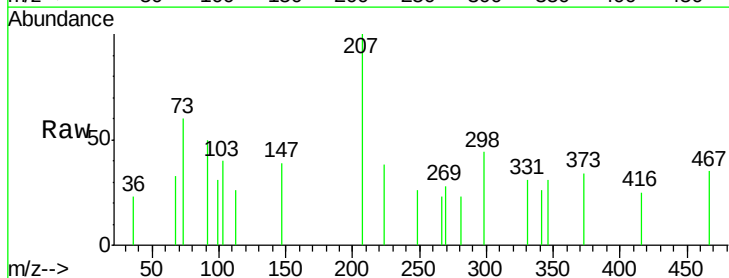
RT: 16.83 min Scan# 2407

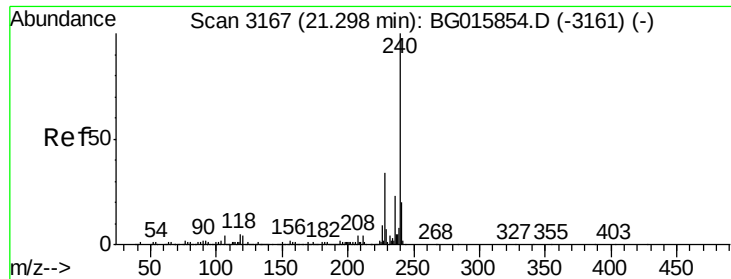
Delta R.T. 0.07 min

Lab File: BG015884.D

Acq: 10 Jan 2015 2:07

Tgt Ion:	266	Resp:	54
Ion Ratio	Lower	Upper	
266	100		
268	0.0	50.2	75.2#
264	0.0	48.2	72.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG015884.D

Acq: 10 Jan 2015 2:07

Instrument :

BNA_G

ClientSampleId :

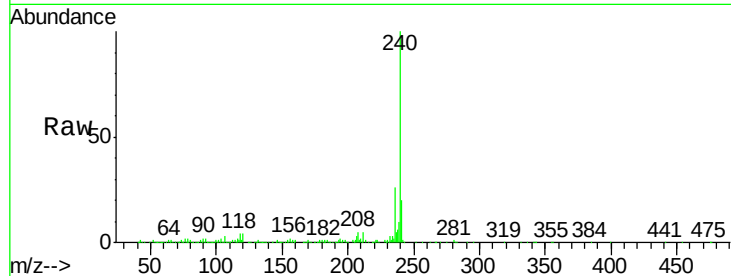
Tgt Ion:240 Resp: 281647

Ion Ratio Lower Upper

240 100

120 4.3 3.4 5.2

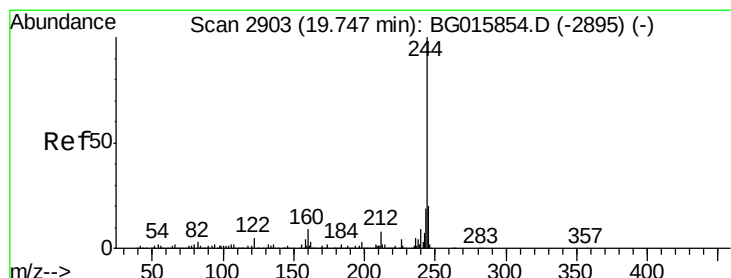
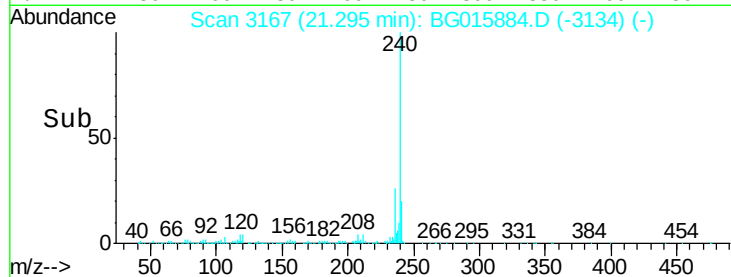
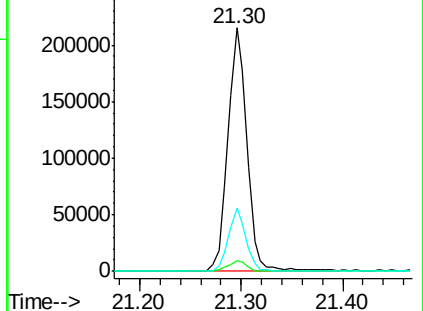
236 26.0 19.0 28.6



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



#78

Terphenyl-d14

Concen: 39.11 ng

RT: 19.74 min Scan# 2903

Delta R.T. 0.00 min

Lab File: BG015884.D

Acq: 10 Jan 2015 2:07

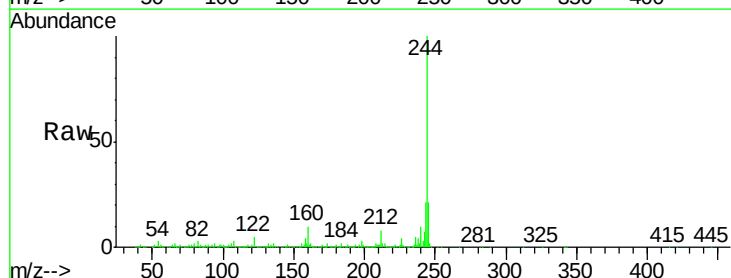
Tgt Ion:244 Resp: 985721

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

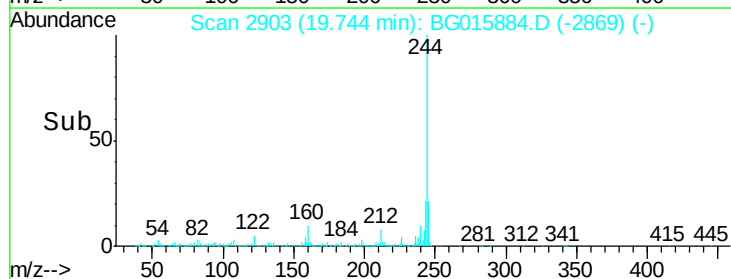
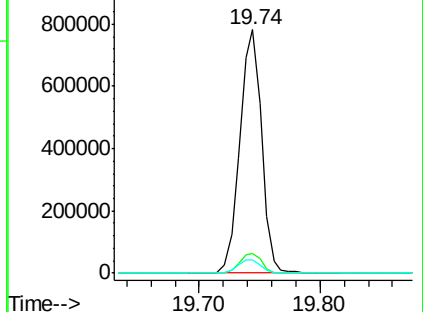
122 5.3 4.7 7.1

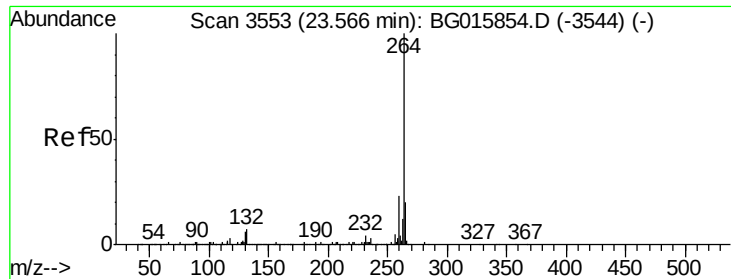


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

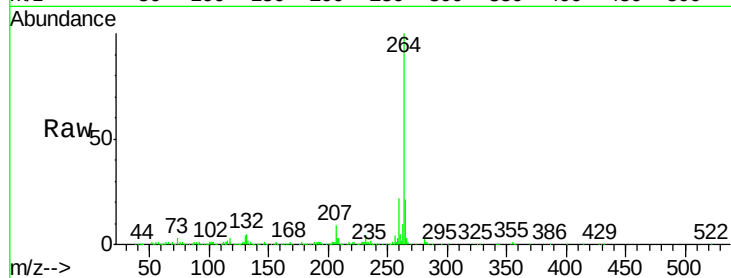




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG015884.D
Acq: 10 Jan 2015 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.0	25.4
265	21.1	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

