

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016399.D
 Acq On : 14 Apr 2015 16:44
 Operator : TP/IZ
 Sample : G1826-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-09

Quant Time: Apr 15 03:38:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

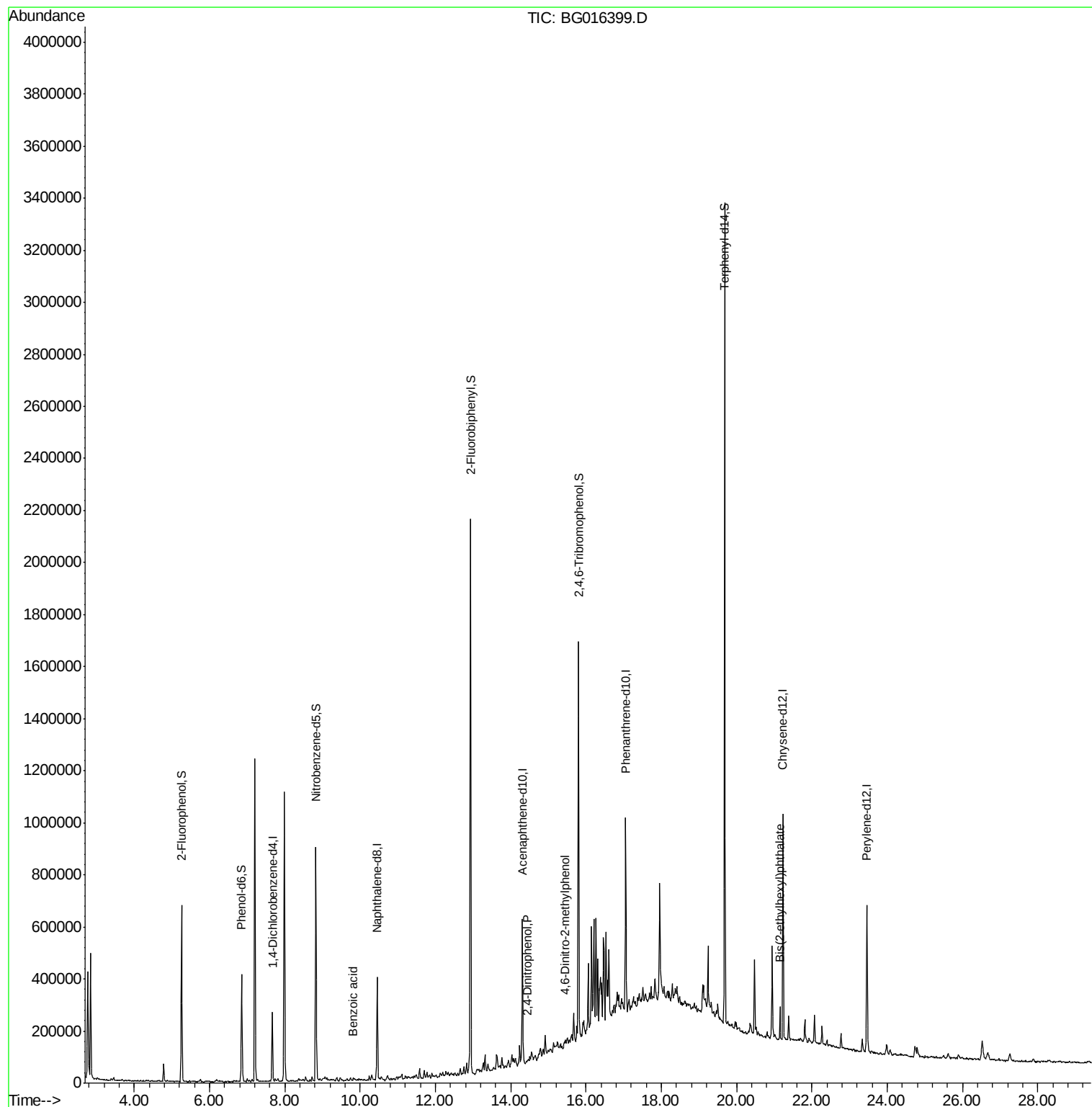
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	73856	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	319198	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	180864	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	374127	20.00	ng	0.00
75) Chrysene-d12	21.23	240	347462	20.00	ng	0.00
86) Perylene-d12	23.46	264	326089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	321061	68.61	ng	0.00
7) Phenol-d6	6.85	99	273676	38.96	ng	0.00
23) Nitrobenzene-d5	8.83	82	521866	94.71	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	201402	164.66	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1057975	99.59	ng	0.00
78) Terphenyl-d14	19.69	244	1132495	76.28	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	191	8.78	ng	89
53) 2,4-Dinitrophenol	14.44	184	381	8.44	ng	# 29
64) 4,6-Dinitro-2-methylphenol	15.44	198	245	3.97	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.15	149	45536	2.83	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.67 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG016399.D

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BNA_G

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MW-09

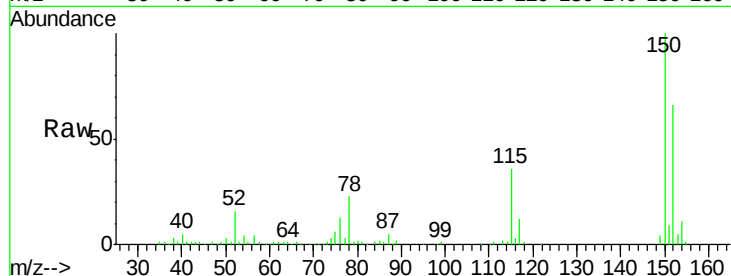
Tgt Ion:152 Resp: 73856

Ion Ratio Lower Upper

152 100

150 150.5 130.1 195.1

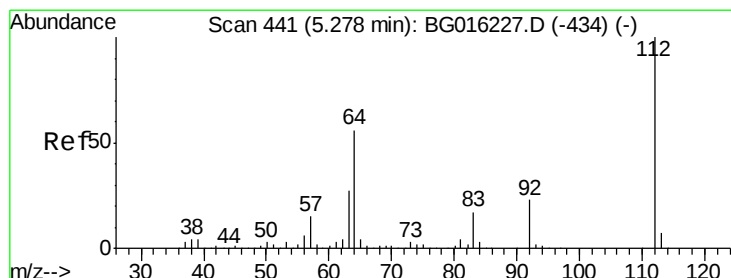
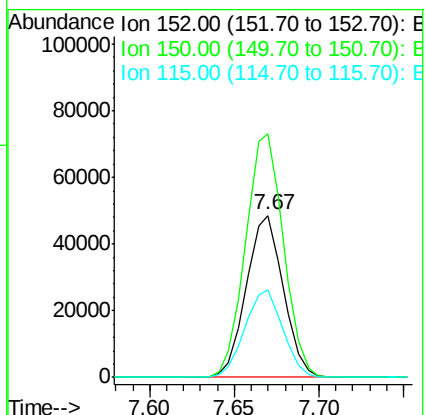
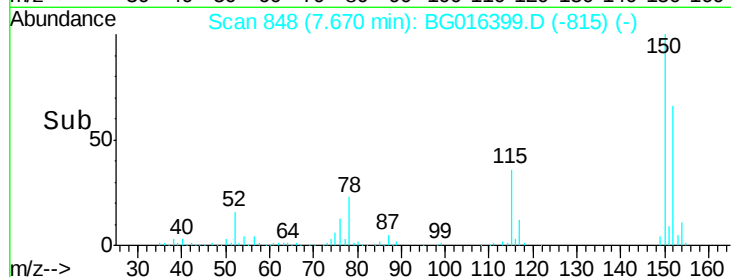
115 54.2 50.5 75.7



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: 68.61 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016399.D

Acq: 14 Apr 2015 16:44

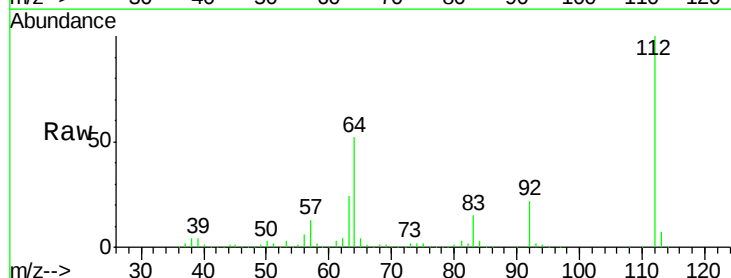
Tgt Ion:112 Resp: 321061

Ion Ratio Lower Upper

112 100

64 51.9 44.5 66.7

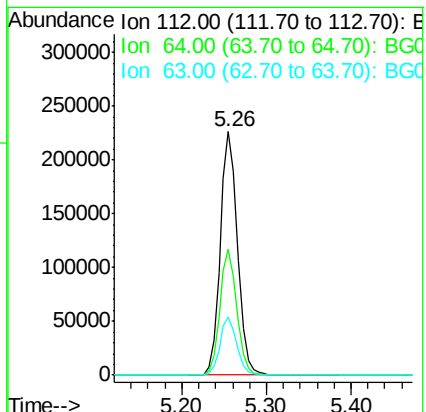
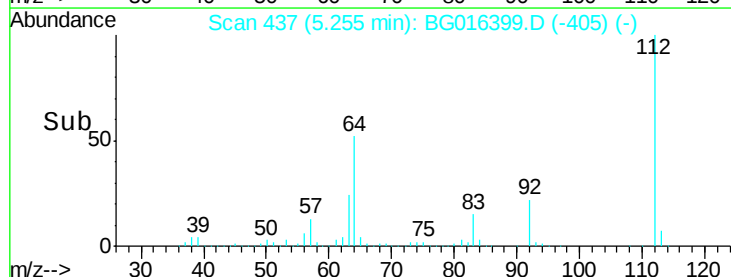
63 23.6 21.4 32.0

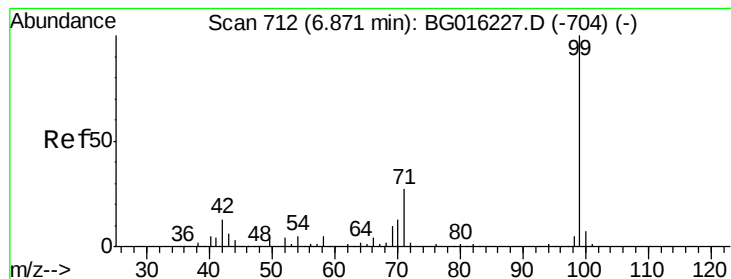


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.96 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016399.D

Acq: 14 Apr 2015 16:44

Instrument :

BNA_G

ClientSampleId :

MW-09

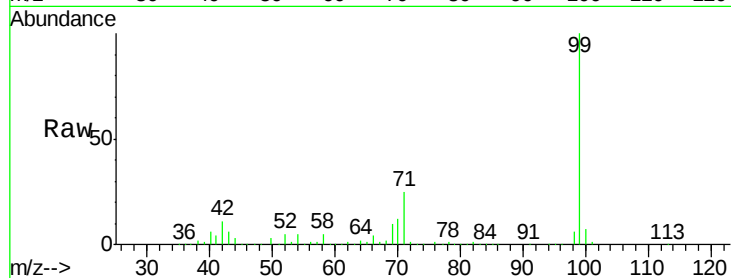
Tgt Ion: 99 Resp: 273676

Ion Ratio Lower Upper

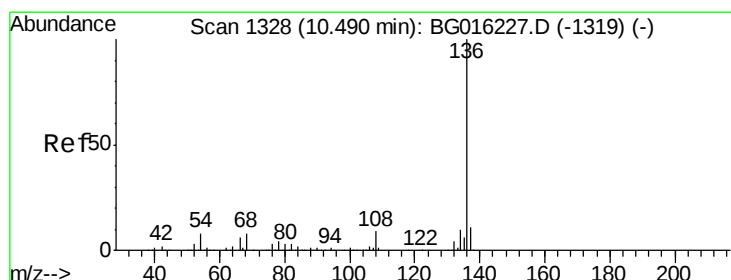
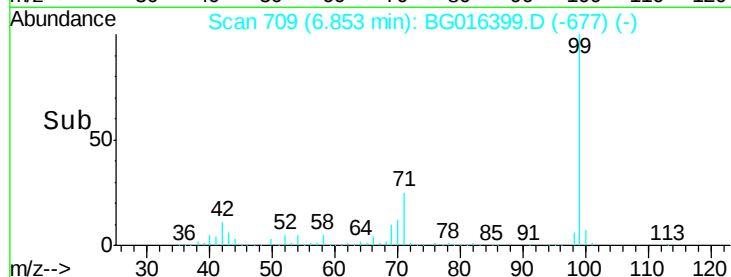
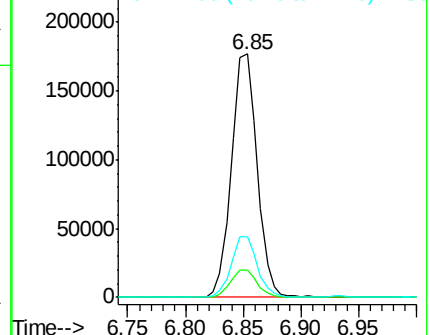
99 100

42 11.1 10.0 15.0

71 24.9 21.5 32.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.46 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG016399.D

Acq: 14 Apr 2015 16:44

Tgt Ion: 136 Resp: 319198

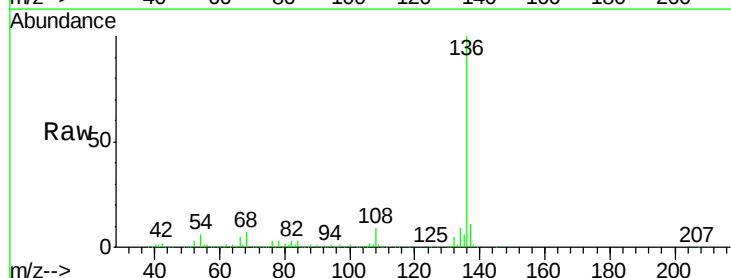
Ion Ratio Lower Upper

136 100

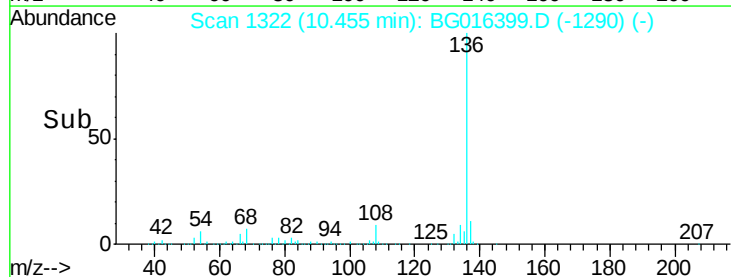
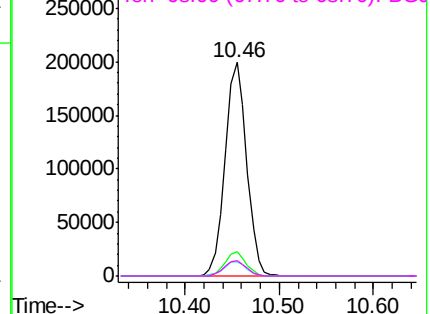
137 11.3 8.7 13.1

54 6.4 6.3 9.5

68 7.3 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

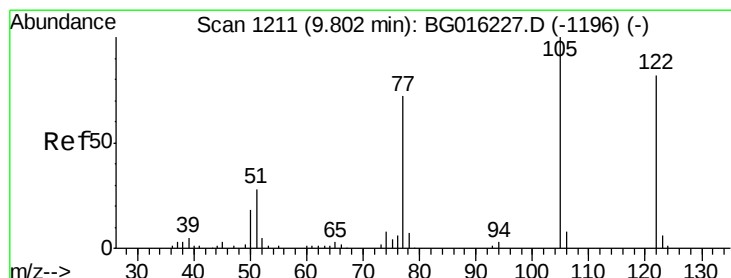
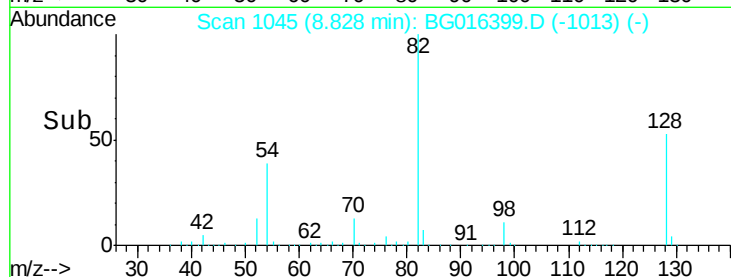
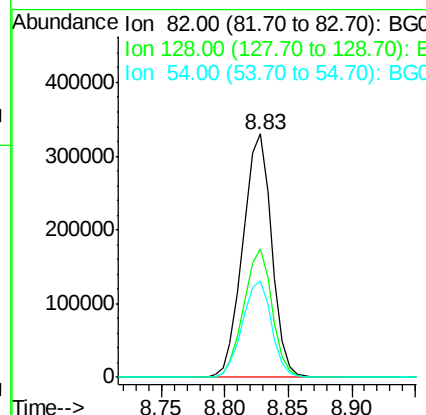
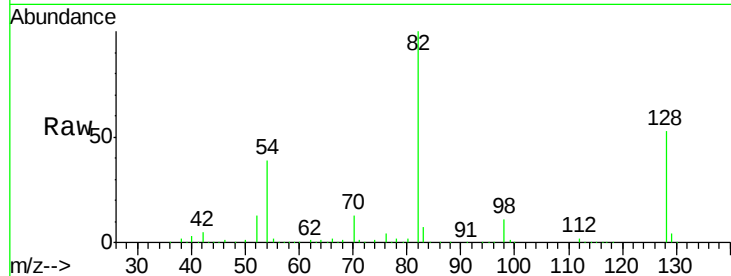




#23
 Nitrobenzene-d5
 Concen: 94.71 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016399.D
 Acq: 14 Apr 2015 16:44

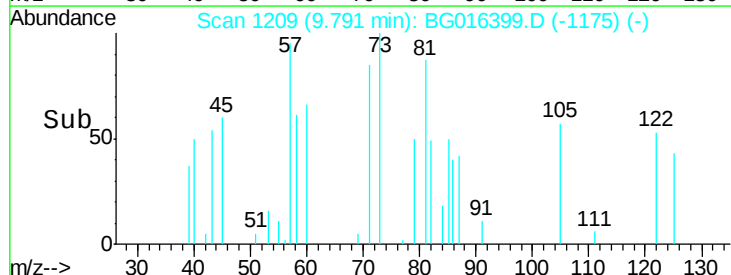
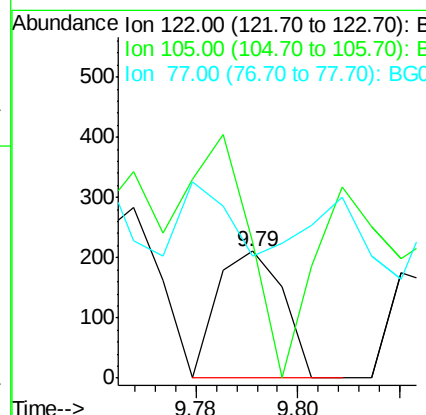
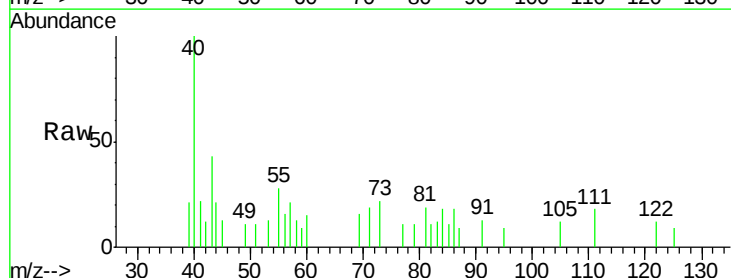
Instrument :
 BNA_G
 ClientSampleId :
 MW-09

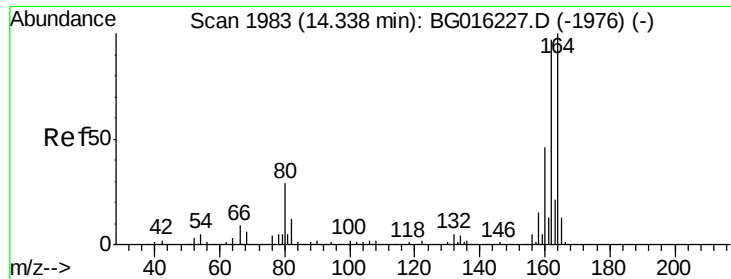
Tgt Ion: 82 Resp: 521866
 Ion Ratio Lower Upper
 82 100
 128 52.7 37.8 56.8
 54 39.4 32.6 49.0



#32
 Benzoic acid
 Concen: 8.78 ng
 RT: 9.79 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG016399.D
 Acq: 14 Apr 2015 16:44

Tgt Ion: 122 Resp: 191
 Ion Ratio Lower Upper
 122 100
 105 107.1 99.7 139.7
 77 96.2 66.8 106.8

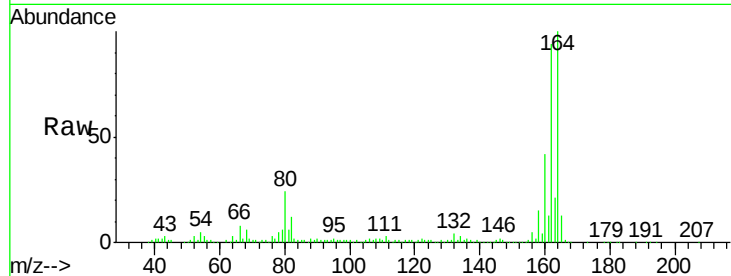




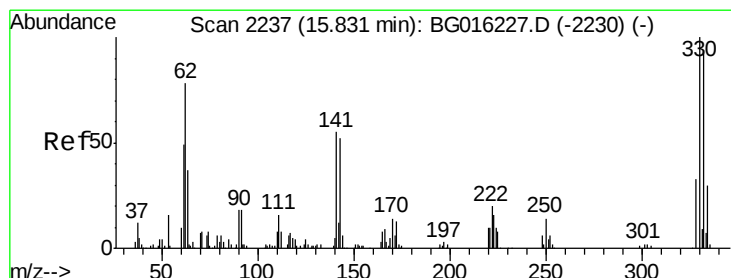
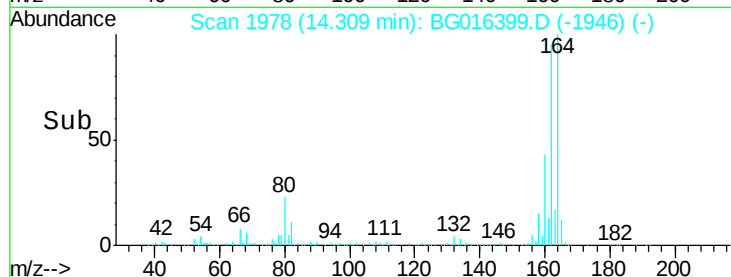
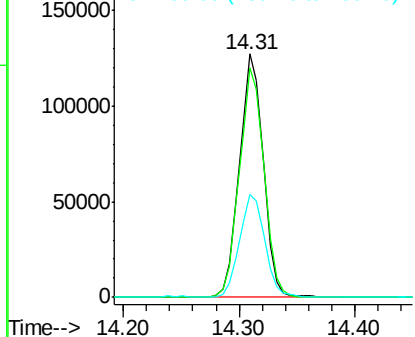
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016399.D
Acq: 14 Apr 2015 16:44

Instrument :
BNA_G
ClientSampleId :
MW-09

Tgt Ion:164 Resp: 180864
Ion Ratio Lower Upper
164 100
162 94.4 77.3 115.9
160 42.4 36.7 55.1

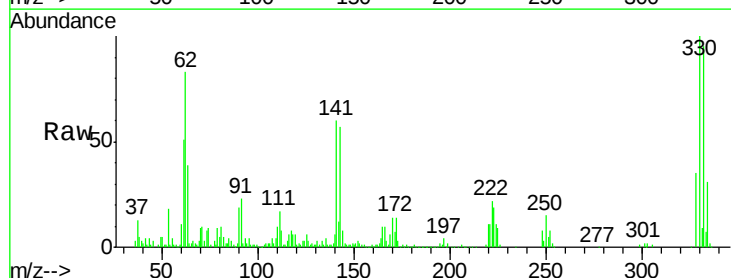


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

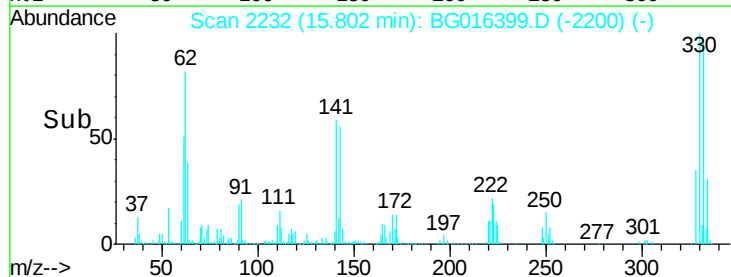
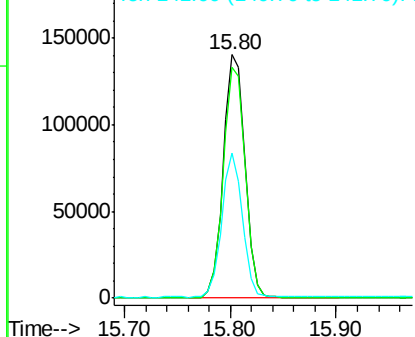


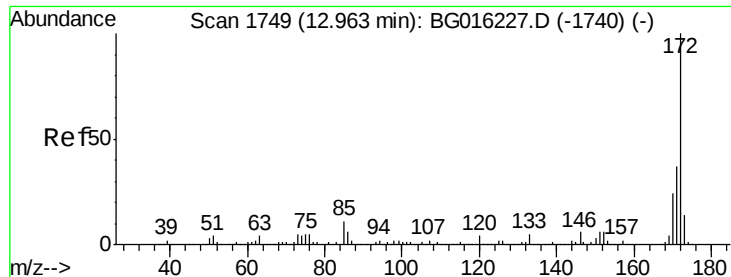
#41
2,4,6-Tribromophenol
Concen: 164.66 ng
RT: 15.80 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG016399.D
Acq: 14 Apr 2015 16:44

Tgt Ion:330 Resp: 201402
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 56.1 46.6 69.8



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

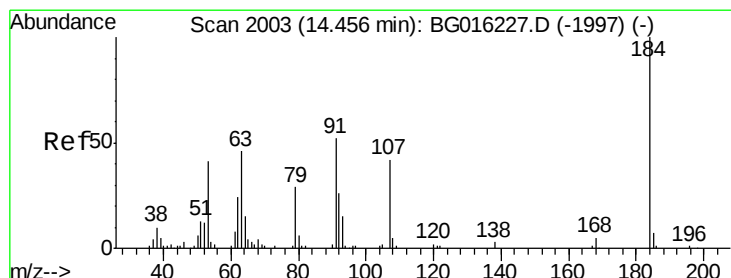
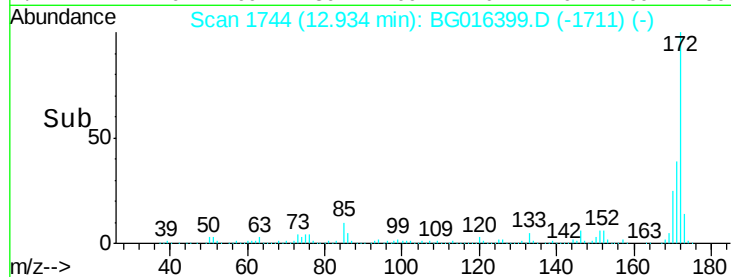
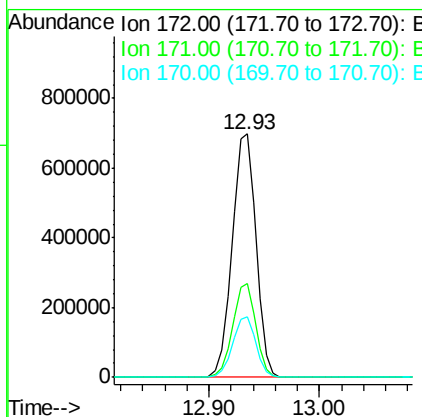
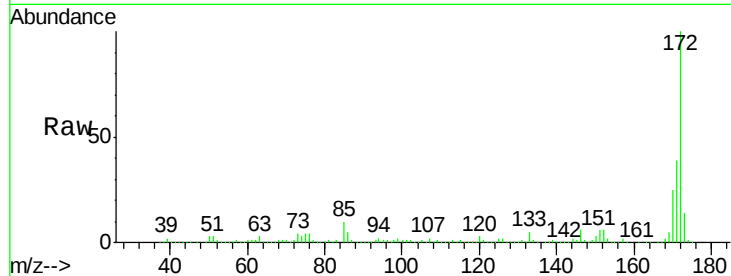




#44
 2-Fluorobiphenyl
 Concen: 99.59 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016399.D
 Acq: 14 Apr 2015 16:44

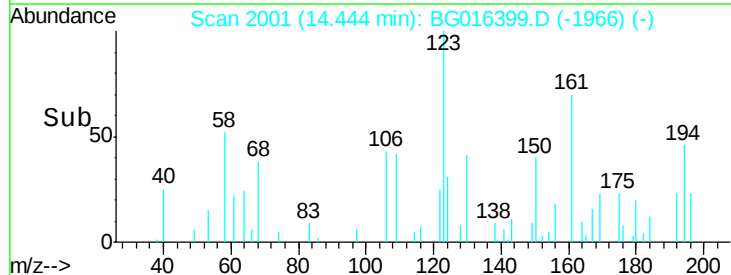
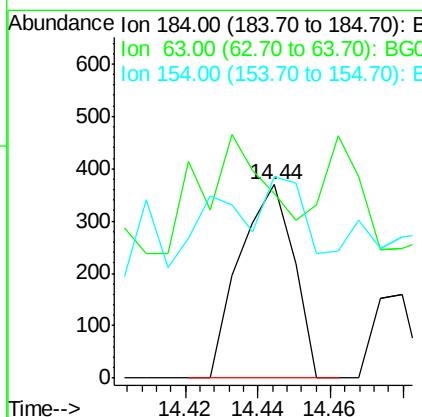
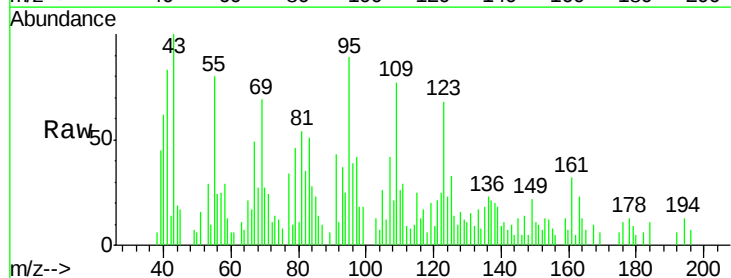
Instrument :
 BNA_G
 ClientSampled :
 MW-09

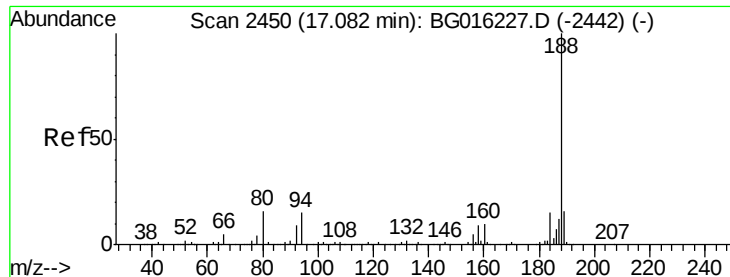
Tgt Ion:172 Resp: 1057975
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.6 44.4
 170 25.0 19.4 29.2



#53
 2,4-Dinitrophenol
 Concen: 8.44 ng
 RT: 14.44 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BG016399.D
 Acq: 14 Apr 2015 16:44

Tgt Ion:184 Resp: 381
 Ion Ratio Lower Upper
 184 100
 63 95.7 45.8 68.6#
 154 104.1 34.5 51.7#

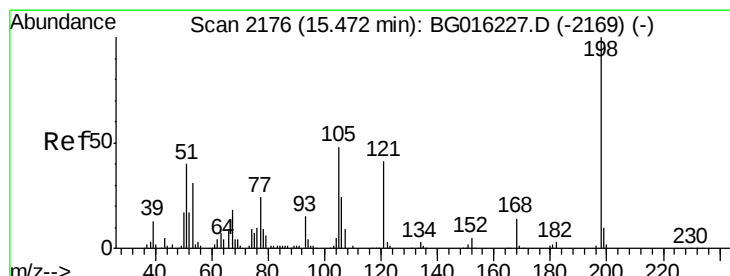
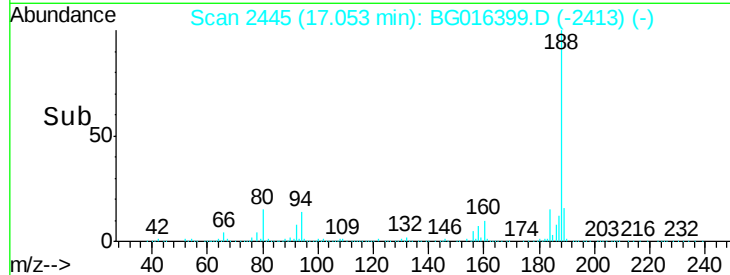
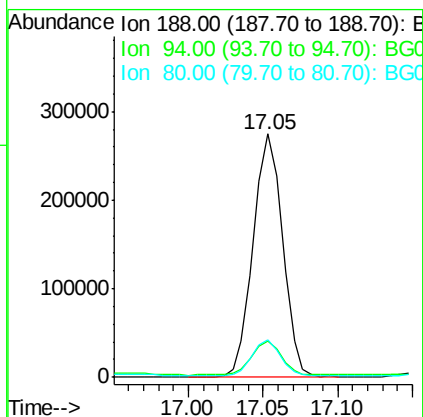
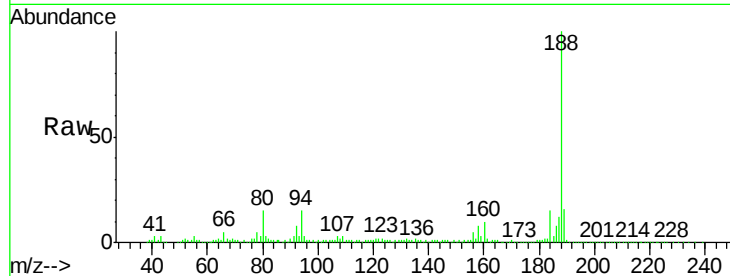




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016399.D
Acq: 14 Apr 2015 16:44

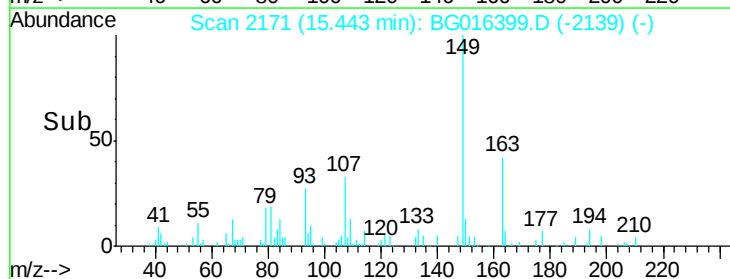
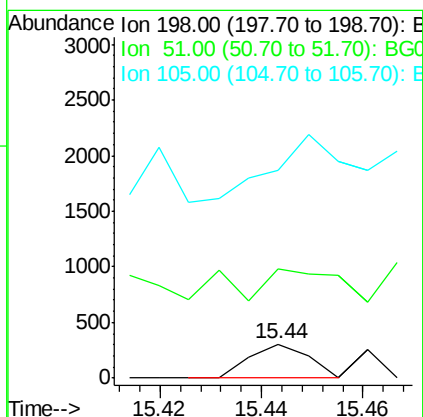
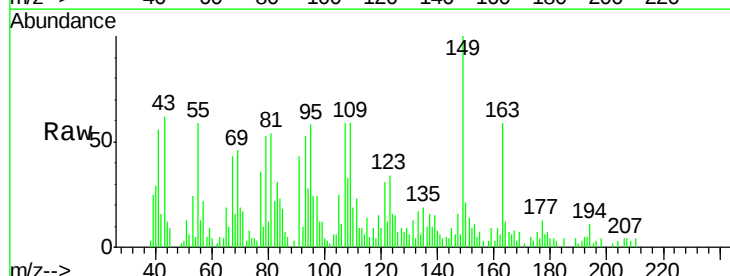
Instrument :
BNA_G
ClientSampleId :
MW-09

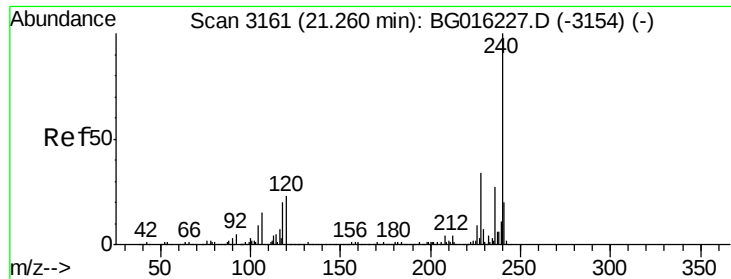
Tgt Ion:188 Resp: 374127
Ion Ratio Lower Upper
188 100
94 15.0 12.2 18.4
80 15.2 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 3.97 ng
RT: 15.44 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG016399.D
Acq: 14 Apr 2015 16:44

Tgt Ion:198 Resp: 245
Ion Ratio Lower Upper
198 100
51 320.1 20.7 60.7#
105 605.2 28.8 68.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016399.D

Acq: 14 Apr 2015 16:44

Instrument :

BNA_G

ClientSampleId :

MW-09

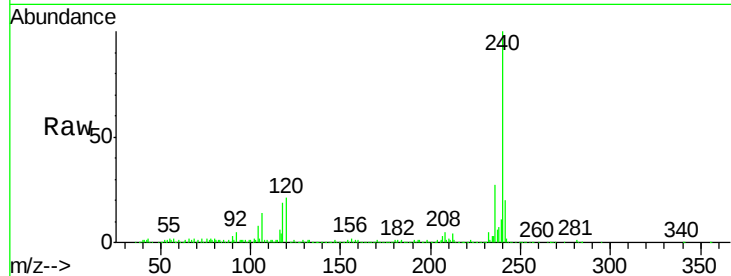
Tgt Ion:240 Resp: 347462

Ion Ratio Lower Upper

240 100

120 21.2 18.6 28.0

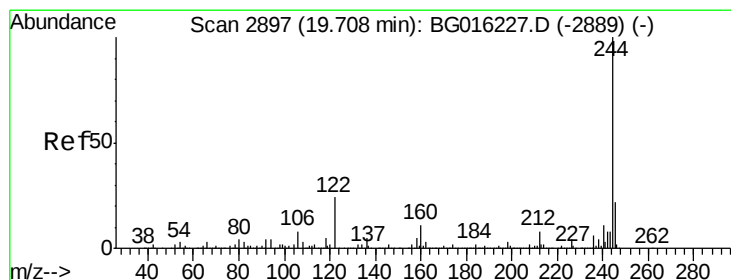
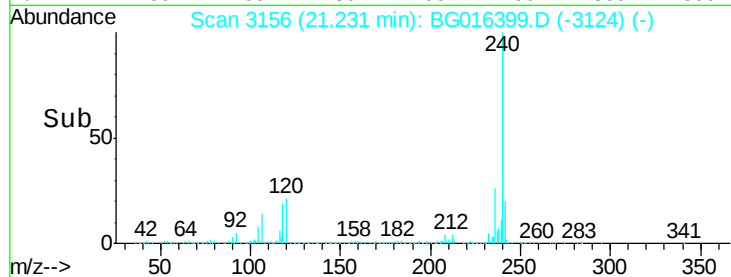
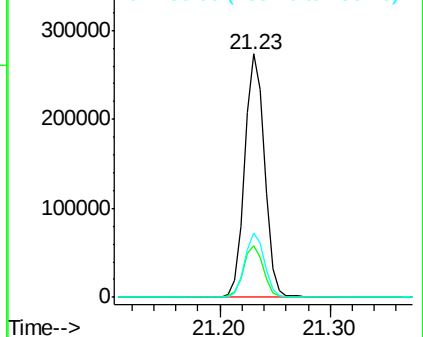
236 26.5 21.7 32.5



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: 76.28 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016399.D

Acq: 14 Apr 2015 16:44

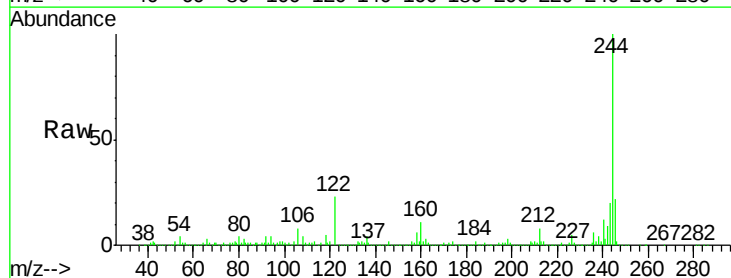
Tgt Ion:244 Resp: 1132495

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

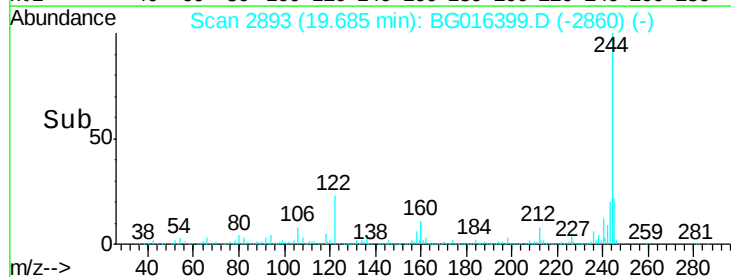
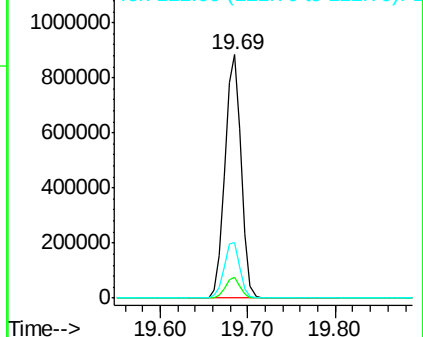
122 22.9 19.1 28.7

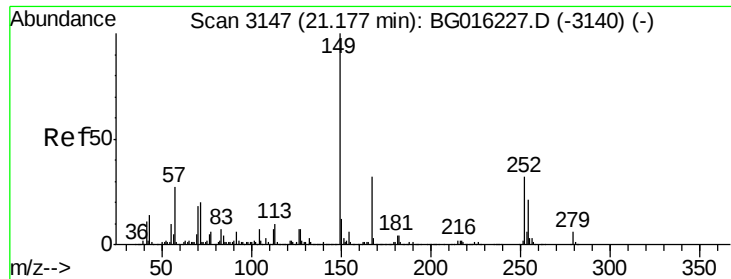


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

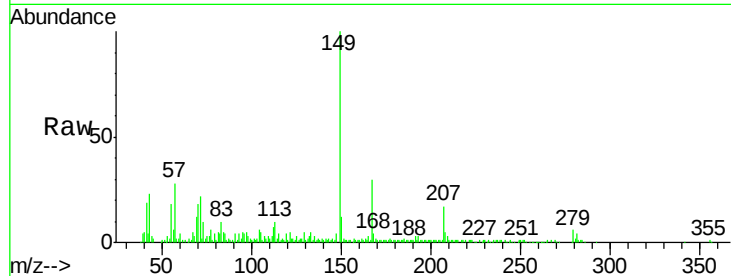




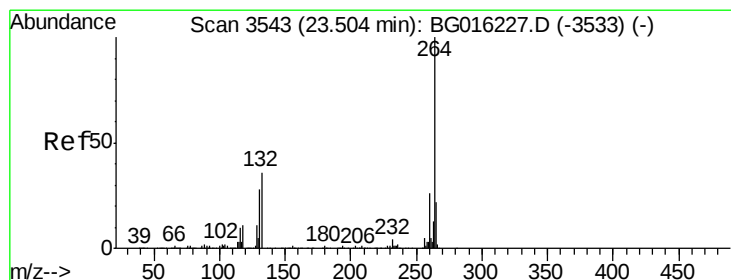
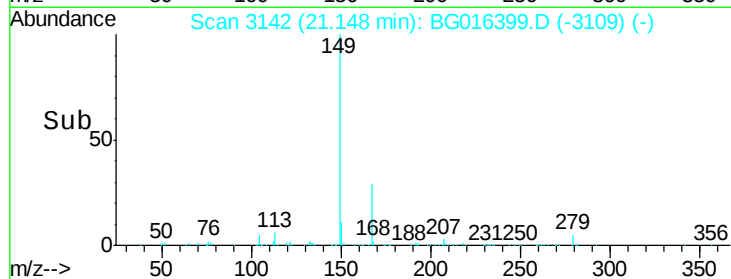
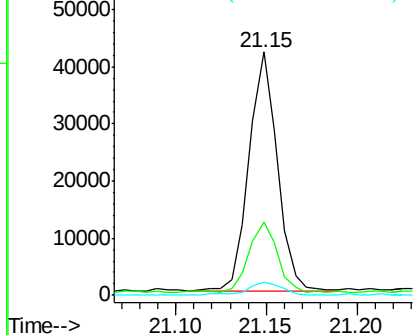
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.83 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016399.D
 Acq: 14 Apr 2015 16:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-09

Tgt Ion:149 Resp: 45536
 Ion Ratio Lower Upper
 149 100
 167 30.4 25.8 38.6
 279 5.5 4.7 7.1

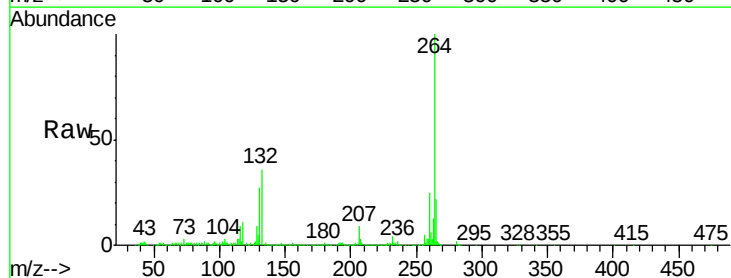


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3536
 Delta R.T. -0.00 min
 Lab File: BG016399.D
 Acq: 14 Apr 2015 16:44

Tgt Ion:264 Resp: 326089
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.4 30.6
 265 21.9 17.2 25.8



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

