

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040915\
 Data File : BG016315.D
 Acq On : 10 Apr 2015 7:13
 Operator : TP/IZ
 Sample : G1805-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: Apr 10 08:05:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

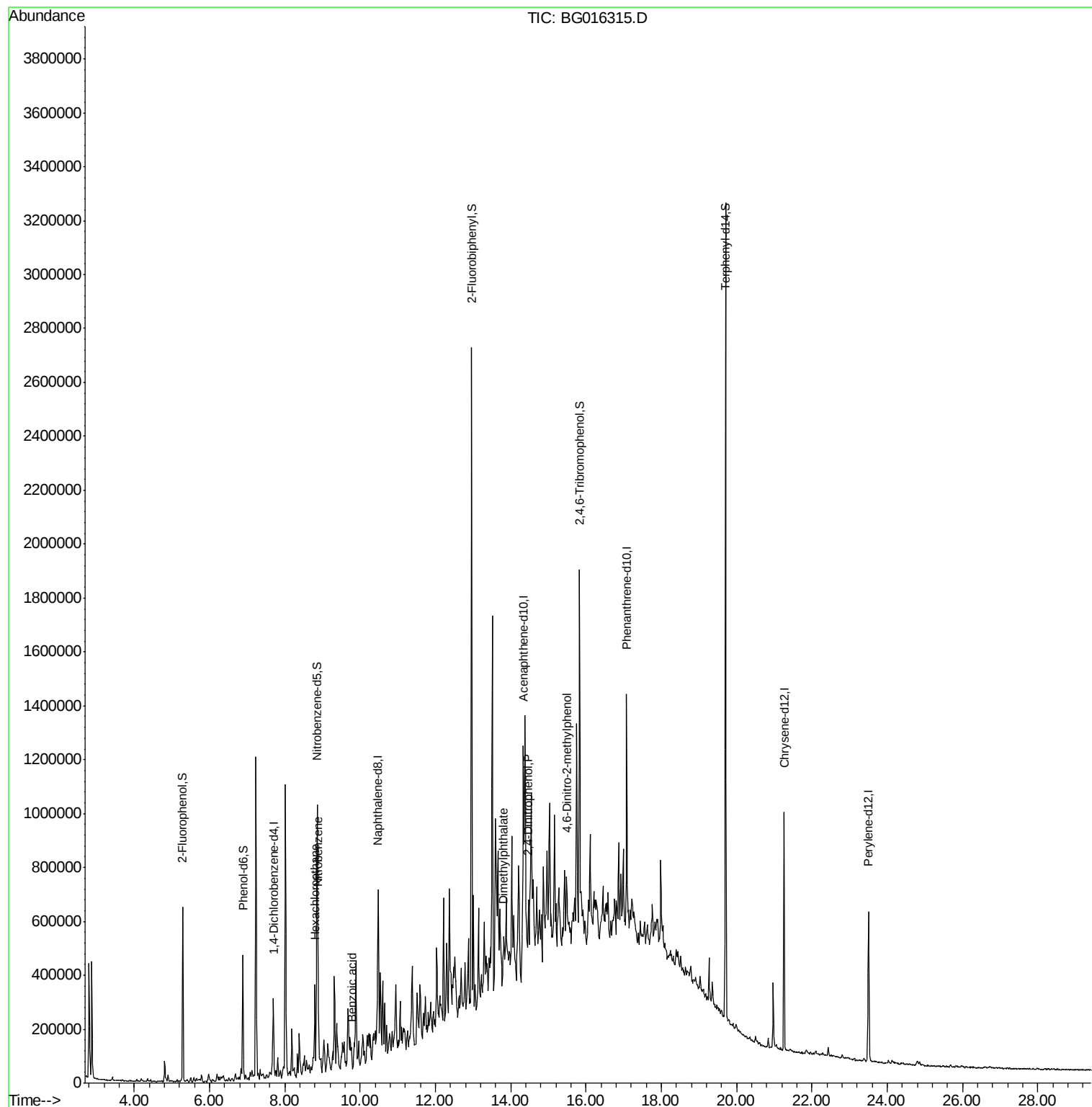
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	79218	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	391220	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	258469	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	430678	20.00	ng	0.00
75) Chrysene-d12	21.26	240	347602	20.00	ng	0.00
86) Perylene-d12	23.50	264	324422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	307856	61.33	ng	0.00
7) Phenol-d6	6.88	99	301445	40.00	ng	0.01
23) Nitrobenzene-d5	8.86	82	557999	82.63	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	183386	104.91	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1139715	75.08	ng	0.00
78) Terphenyl-d14	19.71	244	1032797	69.54	ng	0.00
Target Compounds						
18) Hexachloroethane	8.80	117	21696	8.98	ng	# 1
24) Nitrobenzene	8.88	77	15557	2.15	ng	# 7
32) Benzoic acid	9.79	122	483	8.83	ng	# 1
49) Dimethylphthalate	13.80	163	43273	2.28	ng	# 83
53) 2,4-Dinitrophenol	14.46	184	677	8.49	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.49	198	208	3.95	ng	# 1

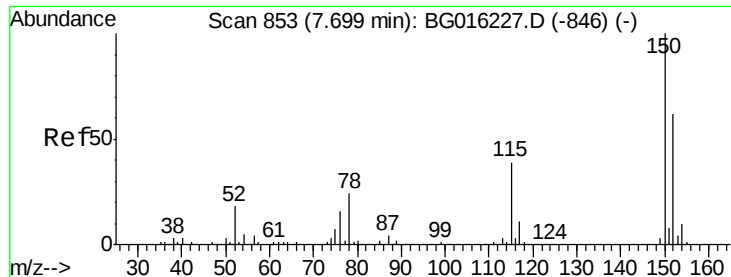
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016315.D

Acq: 10 Apr 2015 7:13

Instrument :

BNA_F

ClientSampleId :

MW-36

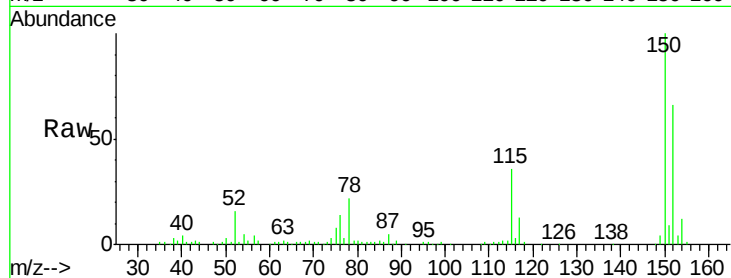
Tgt Ion:152 Resp: 79218

Ion Ratio Lower Upper

152 100

150 151.8 130.1 195.1

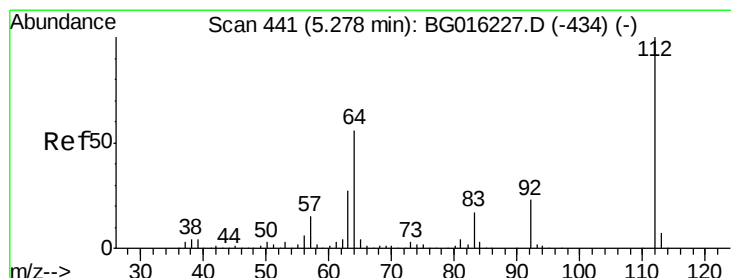
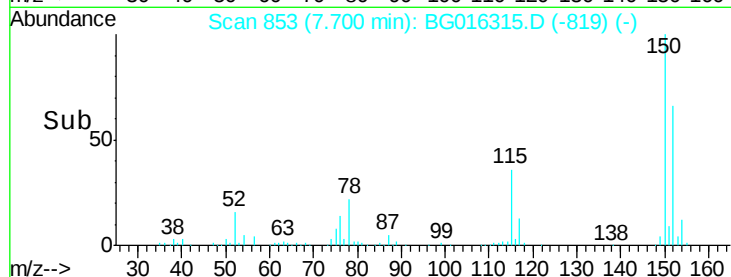
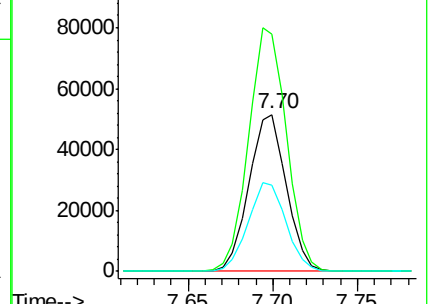
115 55.4 50.5 75.7



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: 61.33 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016315.D

Acq: 10 Apr 2015 7:13

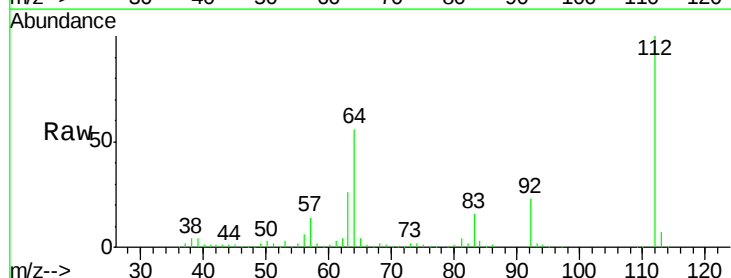
Tgt Ion:112 Resp: 307856

Ion Ratio Lower Upper

112 100

64 55.8 44.5 66.7

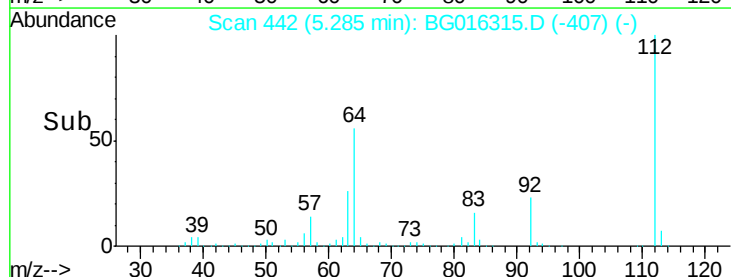
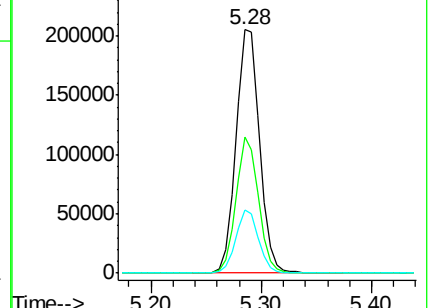
63 25.9 21.4 32.0

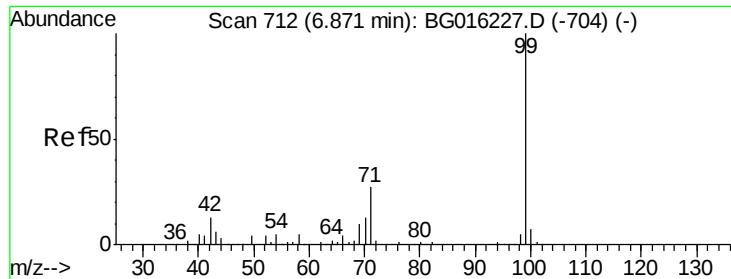


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.00 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016315.D

Acq: 10 Apr 2015 7:13

Instrument :

BNA_F

ClientSampleId :

MW-36

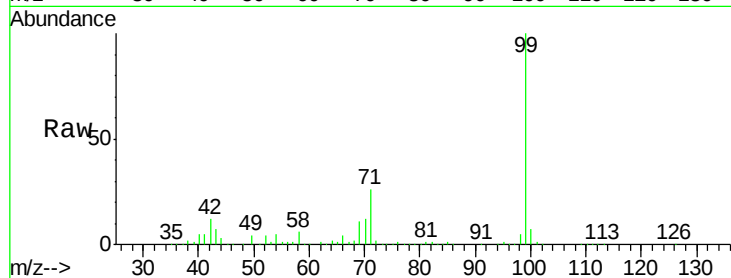
Tgt Ion: 99 Resp: 301445

Ion Ratio Lower Upper

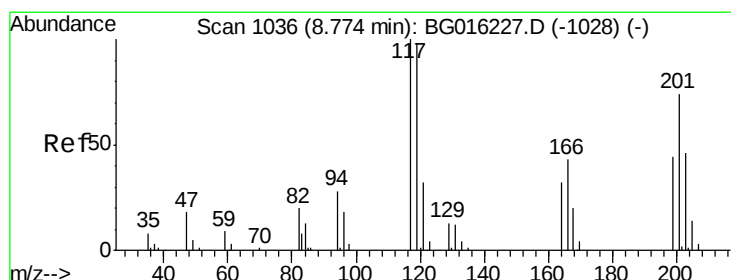
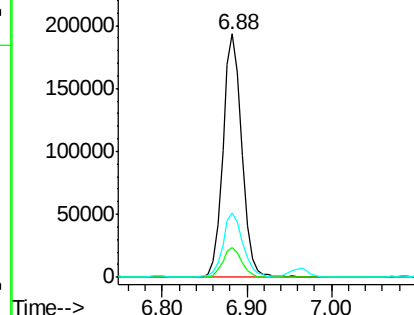
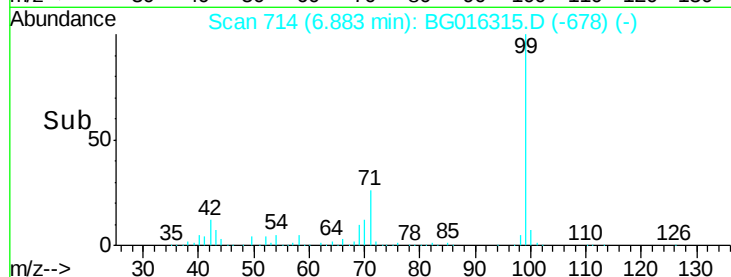
99 100

42 12.3 10.0 15.0

71 26.3 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



#18

Hexachloroethane

Concen: 8.98 ng

RT: 8.80 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BG016315.D

Acq: 10 Apr 2015 7:13

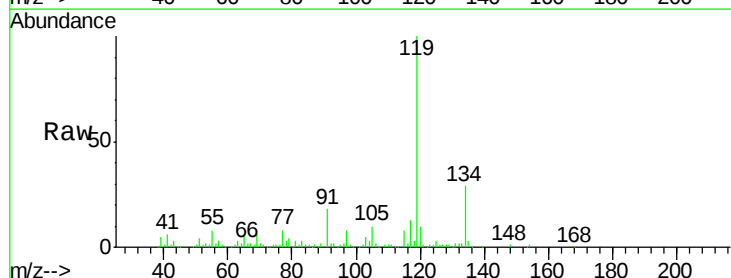
Tgt Ion: 117 Resp: 21696

Ion Ratio Lower Upper

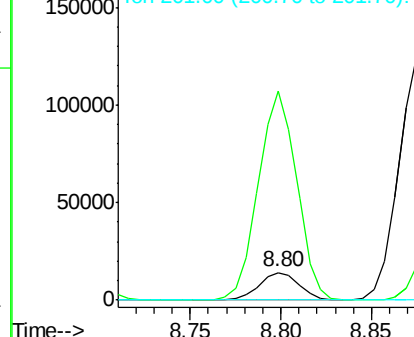
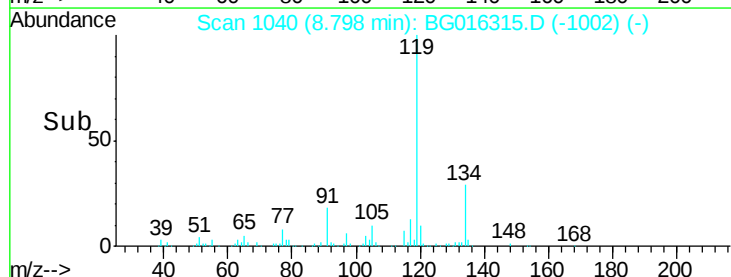
117 100

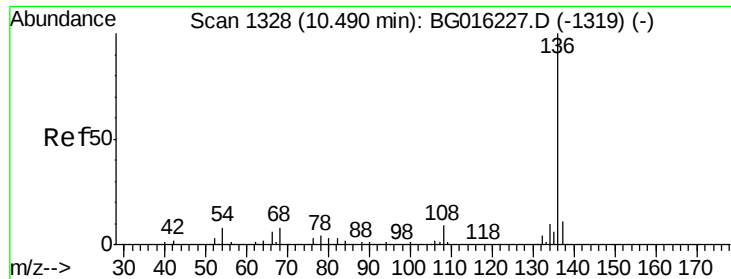
119 752.6 78.8 118.2#

201 0.0 59.0 88.4#



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

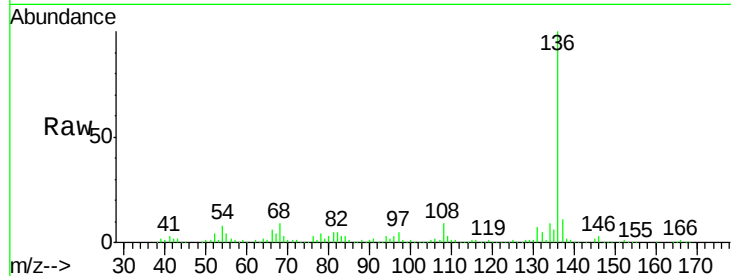




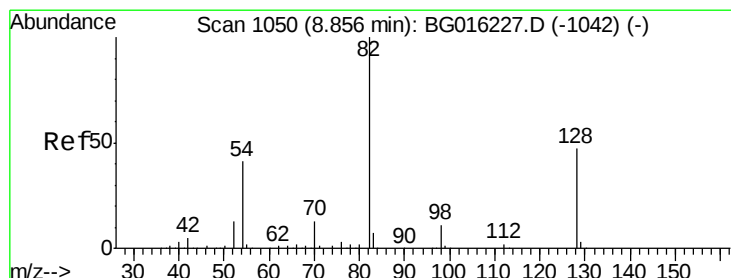
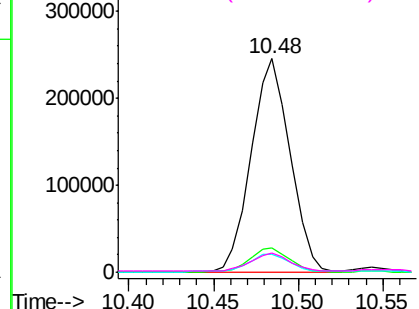
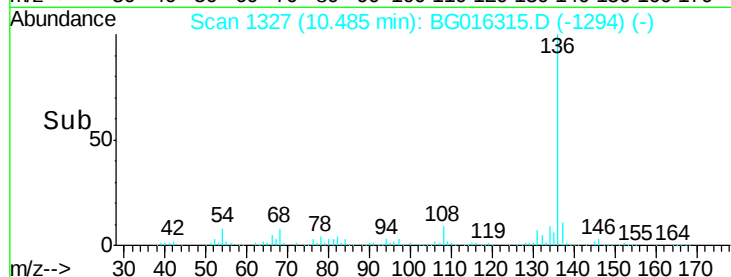
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG016315.D
Acq: 10 Apr 2015 7:13

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:	136	Resp:	391220
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.2	6.3	9.5
68	8.8	6.5	9.7

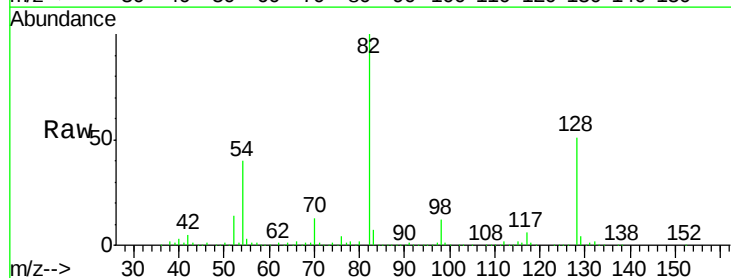


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

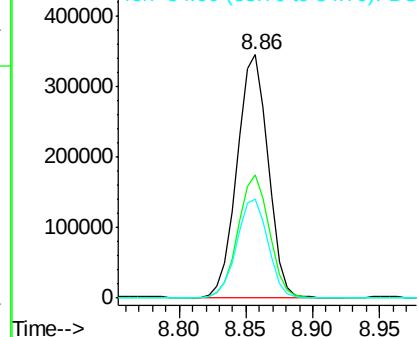
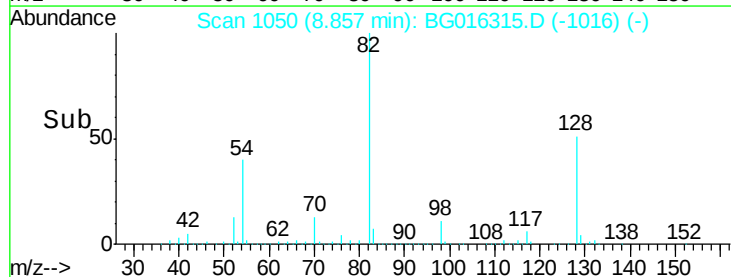


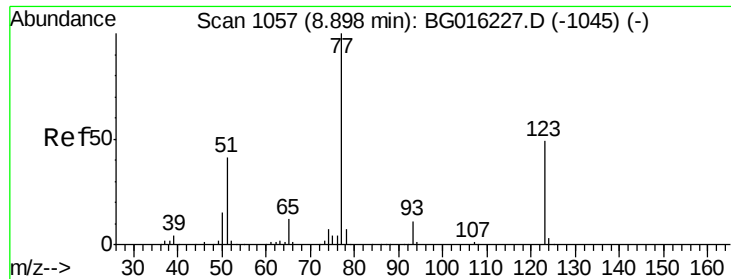
#23
Nitrobenzene-d5
Concen: 82.63 ng
RT: 8.86 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG016315.D
Acq: 10 Apr 2015 7:13

Tgt Ion:	82	Resp:	557999
Ion	Ratio	Lower	Upper
82	100		
128	50.6	37.8	56.8
54	40.5	32.6	49.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

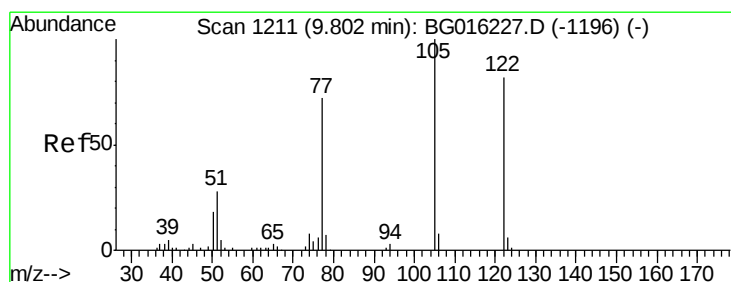
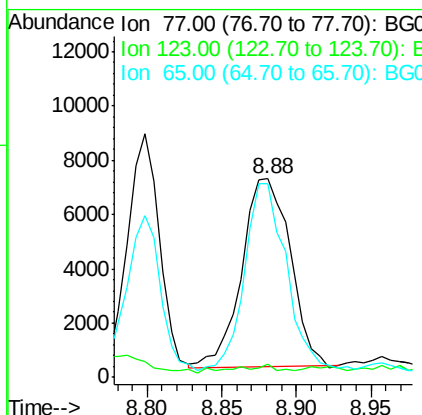
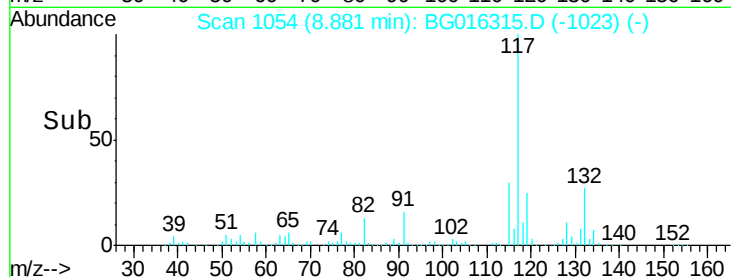
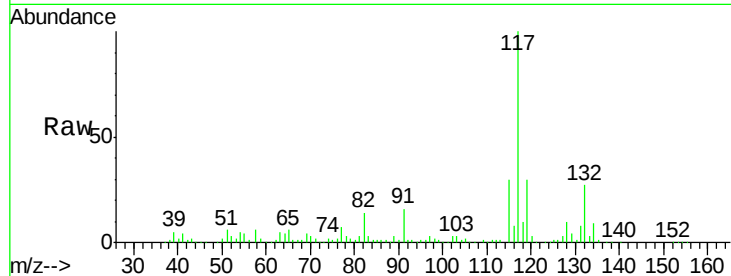




#24
 Nitrobenzene
 Concen: 2.15 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BG016315.D
 Acq: 10 Apr 2015 7:13

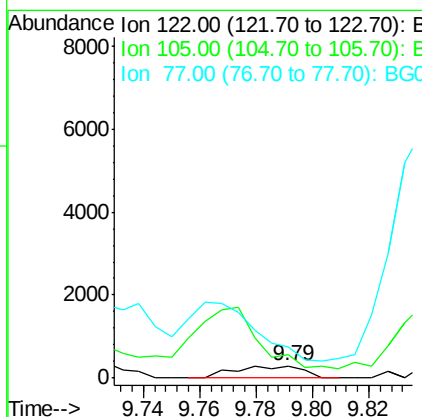
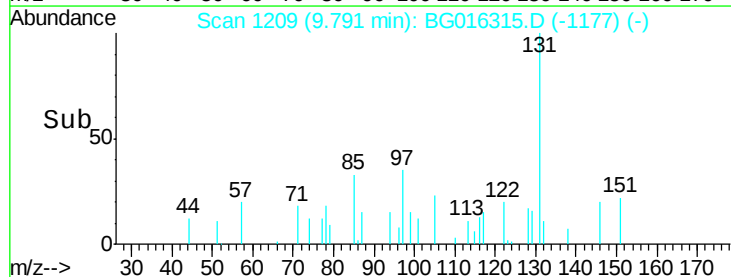
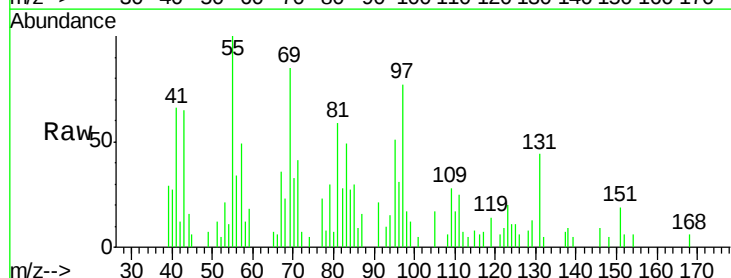
Instrument :
 BNA_F
 ClientSampleId :
 MW-36

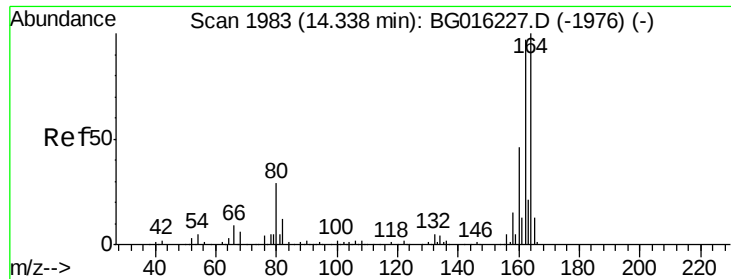
Tgt Ion	Ratio	Lower	Upper
77	100		
123	6.5	38.8	58.2#
65	97.5	9.4	14.2#



#32
 Benzoic acid
 Concen: 8.83 ng
 RT: 9.79 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BG016315.D
 Acq: 10 Apr 2015 7:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	191.0	99.7	139.7#
77	249.3	66.8	106.8#

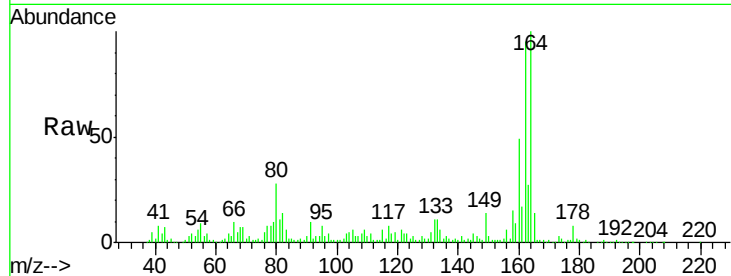




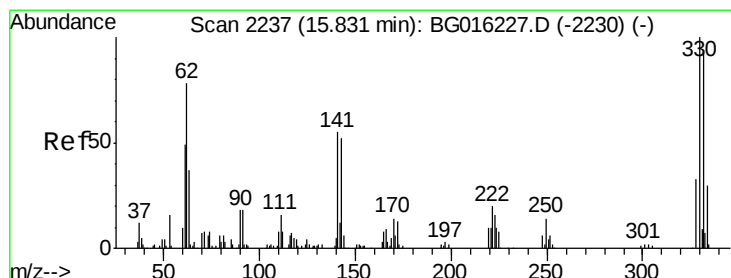
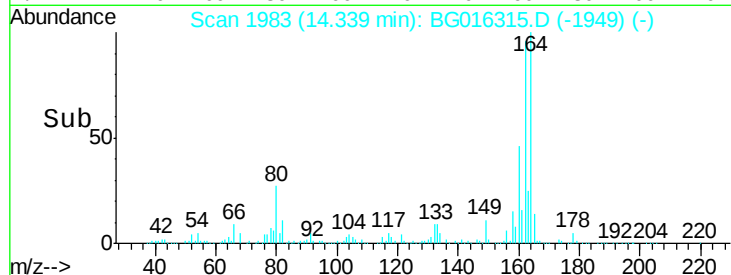
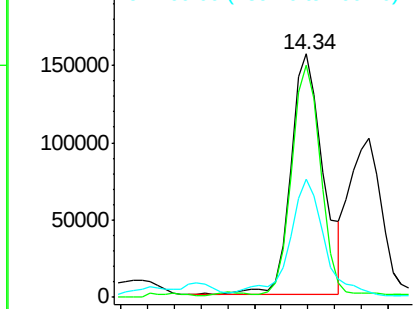
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016315.D
Acq: 10 Apr 2015 7:13

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:164 Resp: 258469
Ion Ratio Lower Upper
164 100
162 95.2 77.3 115.9
160 48.7 36.7 55.1

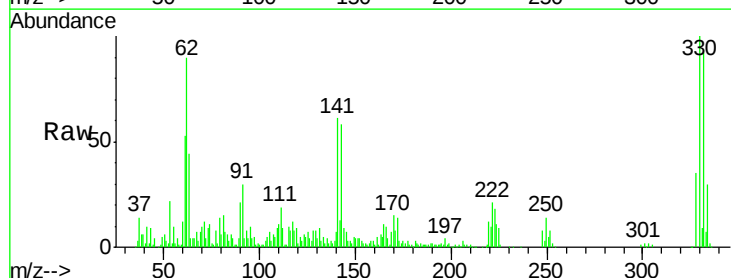


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

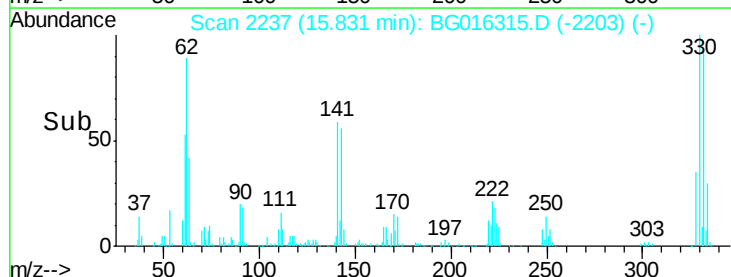
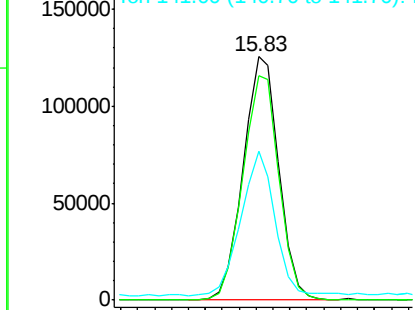


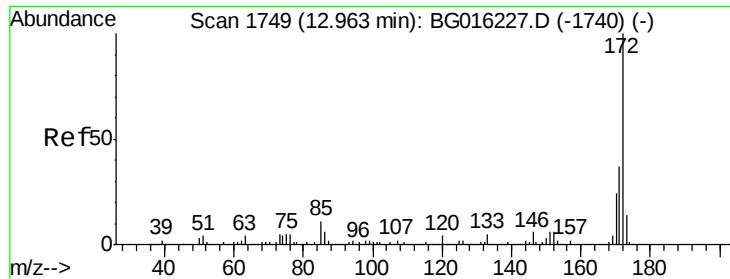
#41
2,4,6-Tribromophenol
Concen: 104.91 ng
RT: 15.83 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BG016315.D
Acq: 10 Apr 2015 7:13

Tgt Ion:330 Resp: 183386
Ion Ratio Lower Upper
330 100
332 94.4 75.8 113.6
141 57.7 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

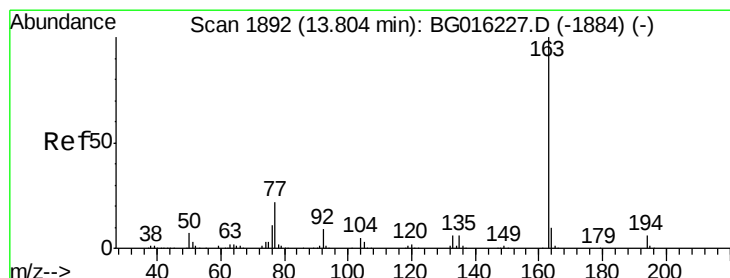
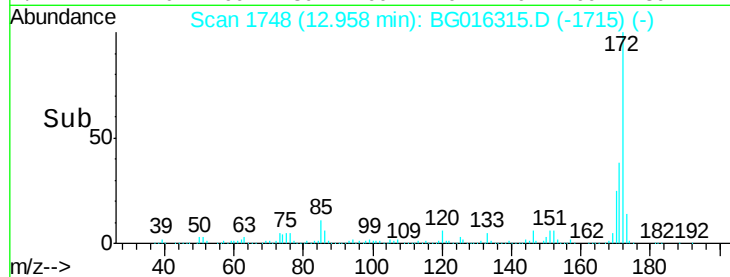
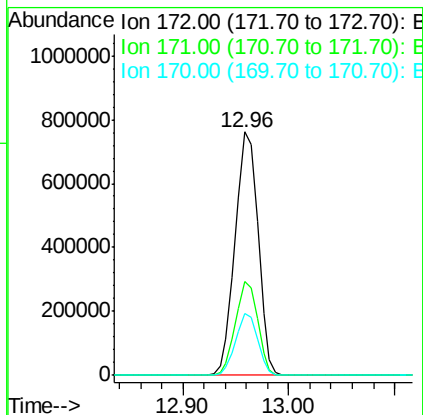
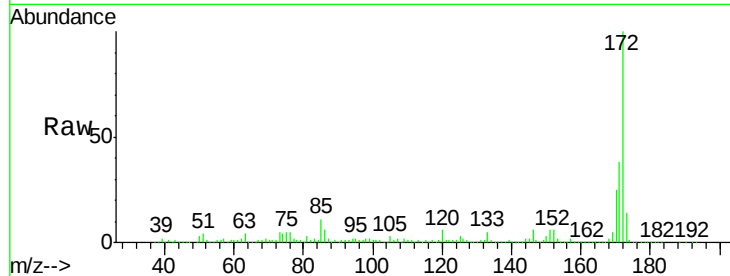




#44
2-Fluorobiphenyl
Concen: 75.08 ng
RT: 12.96 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG016315.D
Acq: 10 Apr 2015 7:13

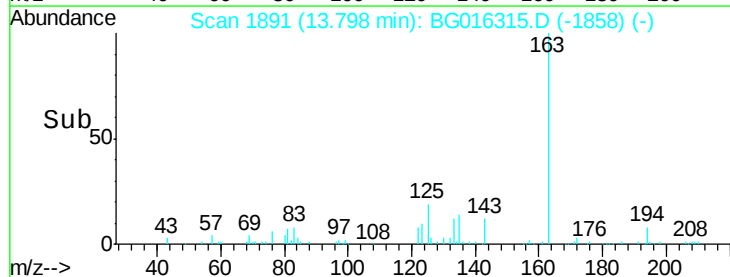
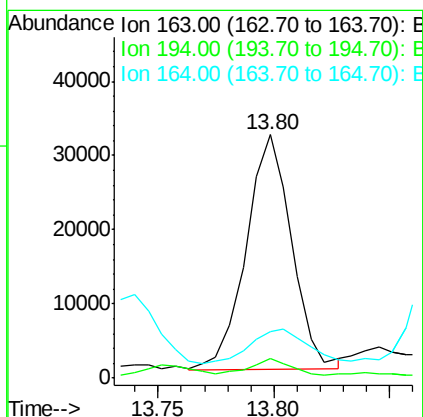
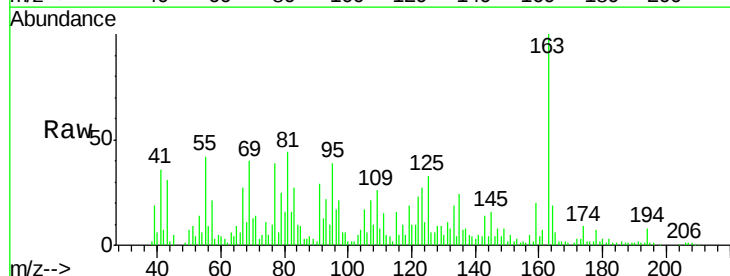
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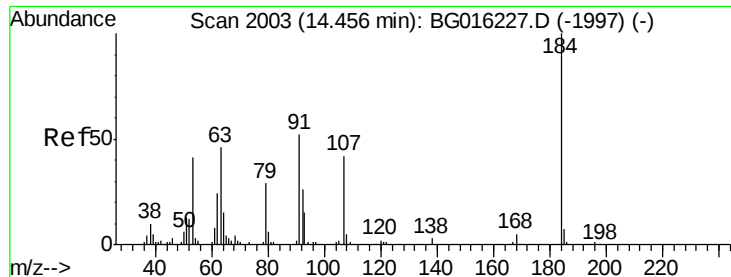
Tgt Ion:172 Resp: 1139715
Ion Ratio Lower Upper
172 100
171 38.3 29.6 44.4
170 25.2 19.4 29.2



#49
Dimethylphthalate
Concen: 2.28 ng
RT: 13.80 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG016315.D
Acq: 10 Apr 2015 7:13

Tgt Ion:163 Resp: 43273
Ion Ratio Lower Upper
163 100
194 7.9 5.0 7.4#
164 19.1 8.2 12.4#

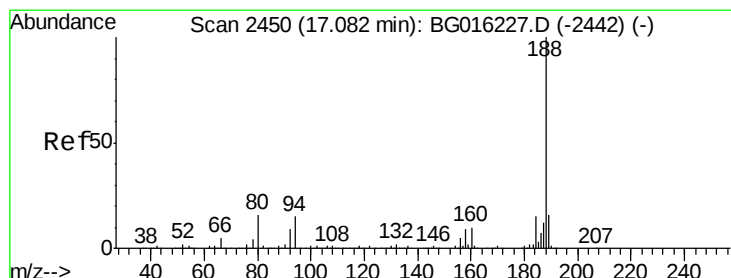
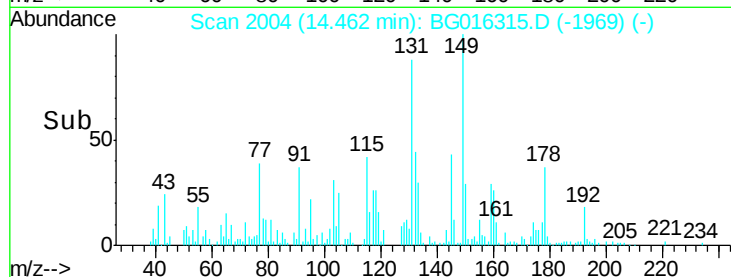
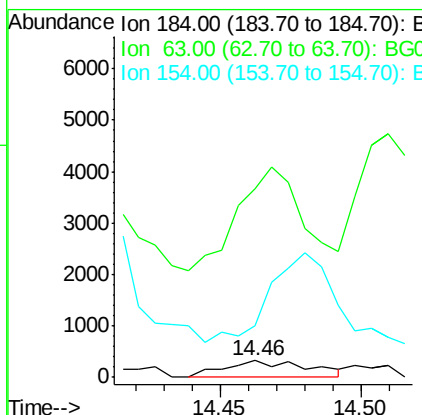
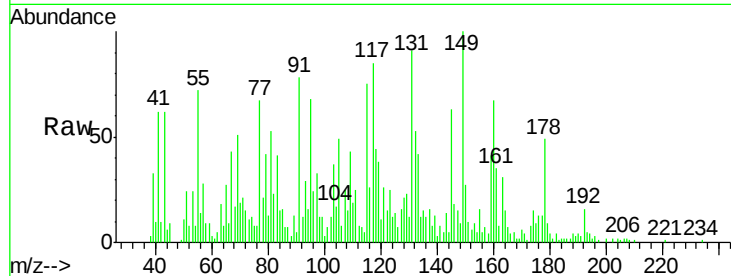




#53
2,4-Dinitrophenol
Concen: 8.49 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG016315.D
Acq: 10 Apr 2015 7:13

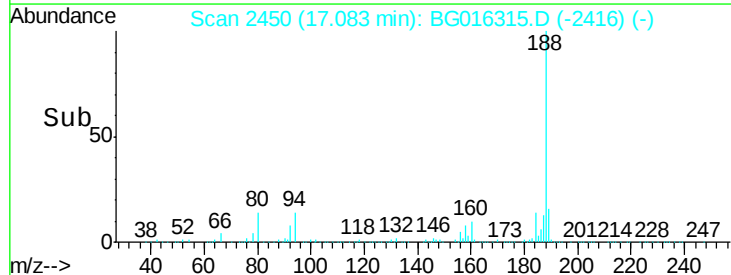
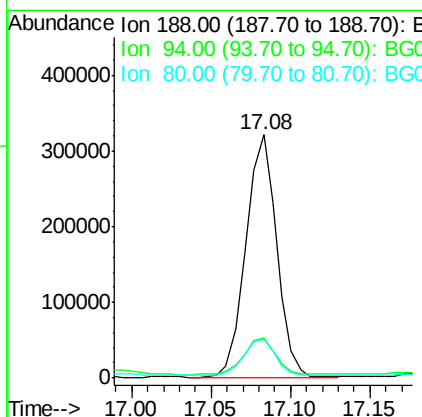
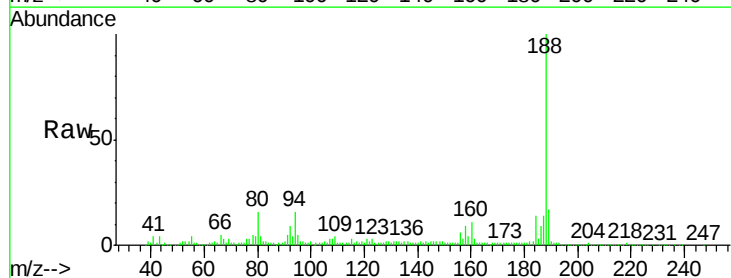
Instrument :
BNA_F
ClientSampled :
MW-36

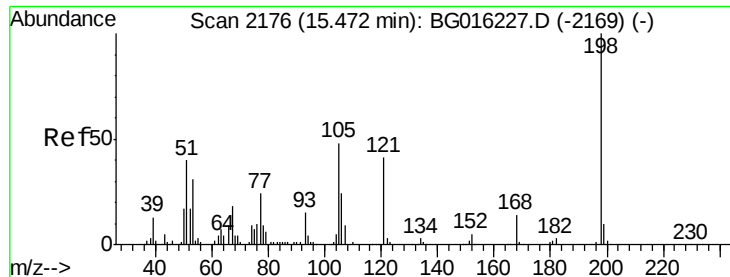
Tgt Ion:184 Resp: 677
Ion Ratio Lower Upper
184 100
63 1109.4 45.8 68.6#
154 307.6 34.5 51.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG016315.D
Acq: 10 Apr 2015 7:13

Tgt Ion:188 Resp: 430678
Ion Ratio Lower Upper
188 100
94 16.4 12.2 18.4
80 15.7 12.8 19.2





#64

4,6-Dinitro-2-methylphenol

Concen: 3.95 ng

RT: 15.49 min Scan# 2179

Delta R.T. 0.02 min

Lab File: BG016315.D

Acq: 10 Apr 2015 7:13

Instrument :

BNA_F

ClientSampled :

MW-36

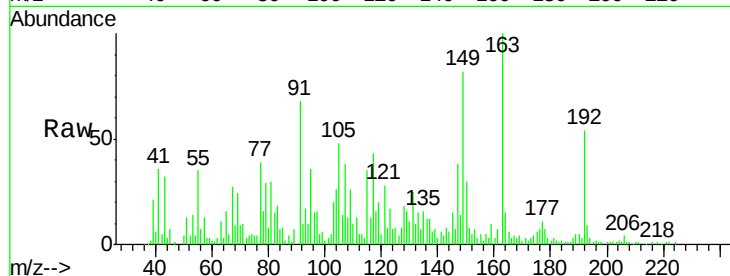
Tgt Ion:198 Resp: 208

Ion Ratio Lower Upper

198 100

51 1318.6 20.7 60.7#

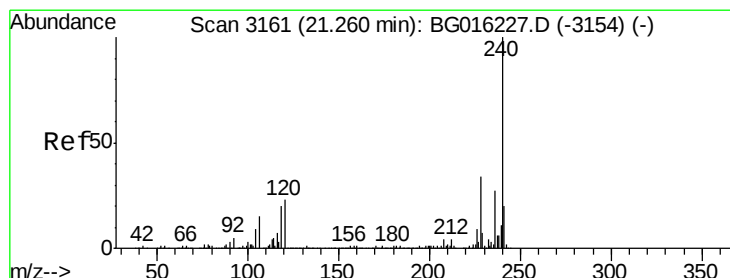
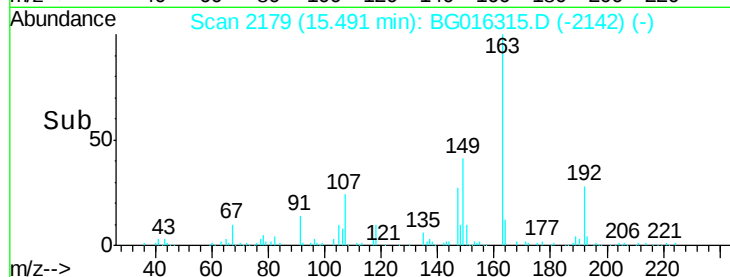
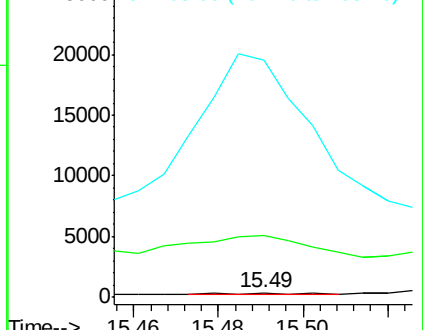
105 5039.8 28.8 68.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG016315.D (-2142) (-)

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG016315.D

Acq: 10 Apr 2015 7:13

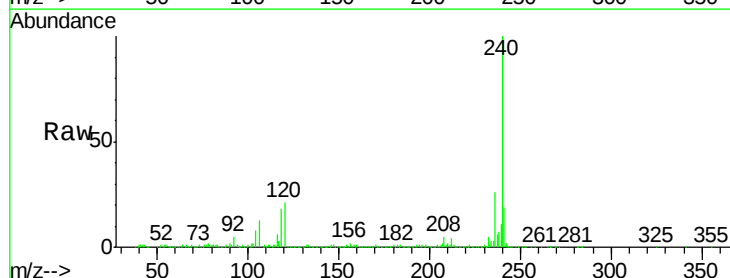
Tgt Ion:240 Resp: 347602

Ion Ratio Lower Upper

240 100

120 20.7 18.6 28.0

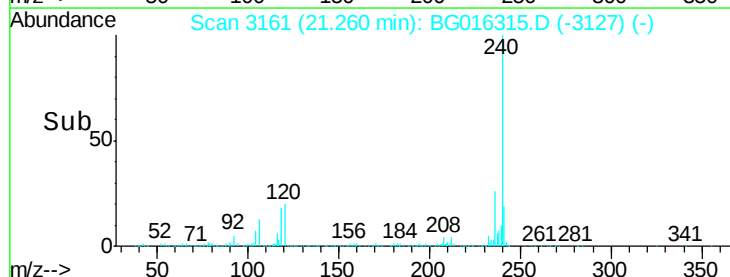
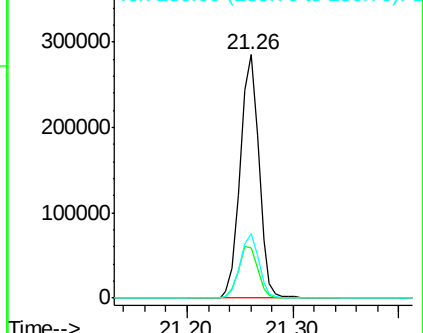
236 26.3 21.7 32.5

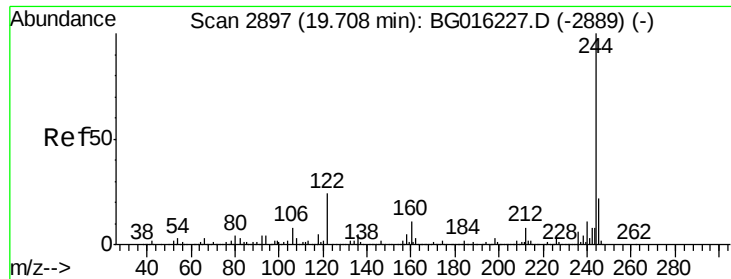


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.54 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016315.D

Acq: 10 Apr 2015 7:13

Instrument :

BNA_F

ClientSampleId :

MW-36

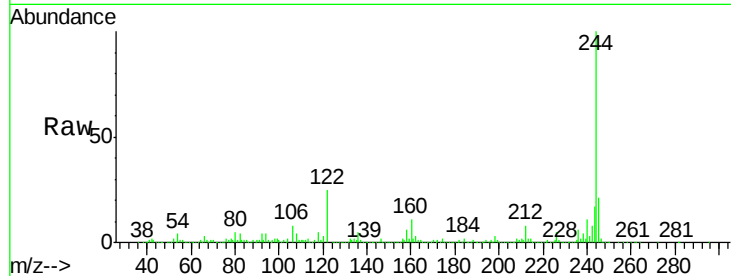
Tgt Ion:244 Resp: 1032797

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

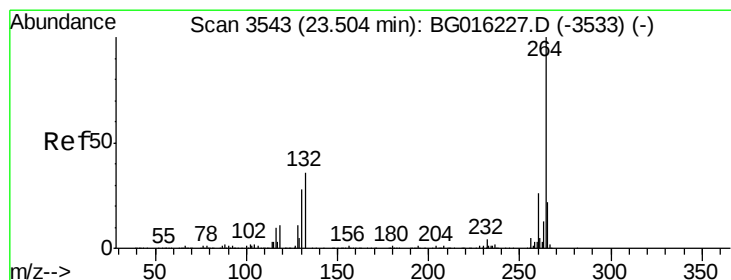
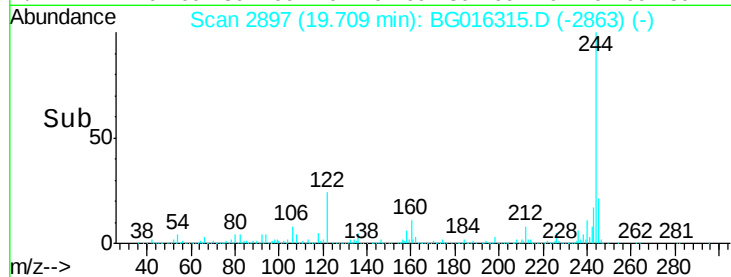
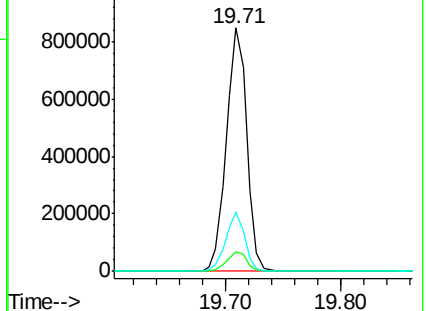
122 24.5 19.1 28.7



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.50 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BG016315.D

Acq: 10 Apr 2015 7:13

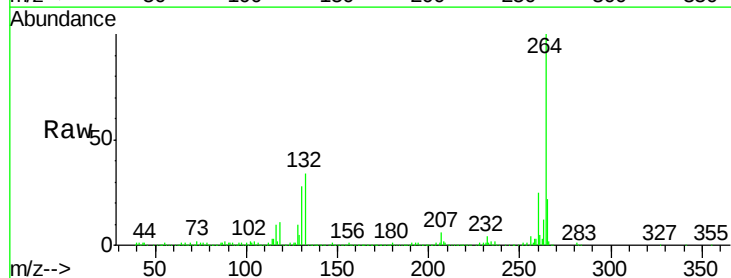
Tgt Ion:264 Resp: 324422

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 21.7 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

