

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016363.D
 Acq On : 13 Apr 2015 16:42
 Operator : TP/IZ
 Sample : G1744-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TD-4

Quant Time: Apr 14 02:28:38 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 02:12:07 2015
 Response via : Initial Calibration

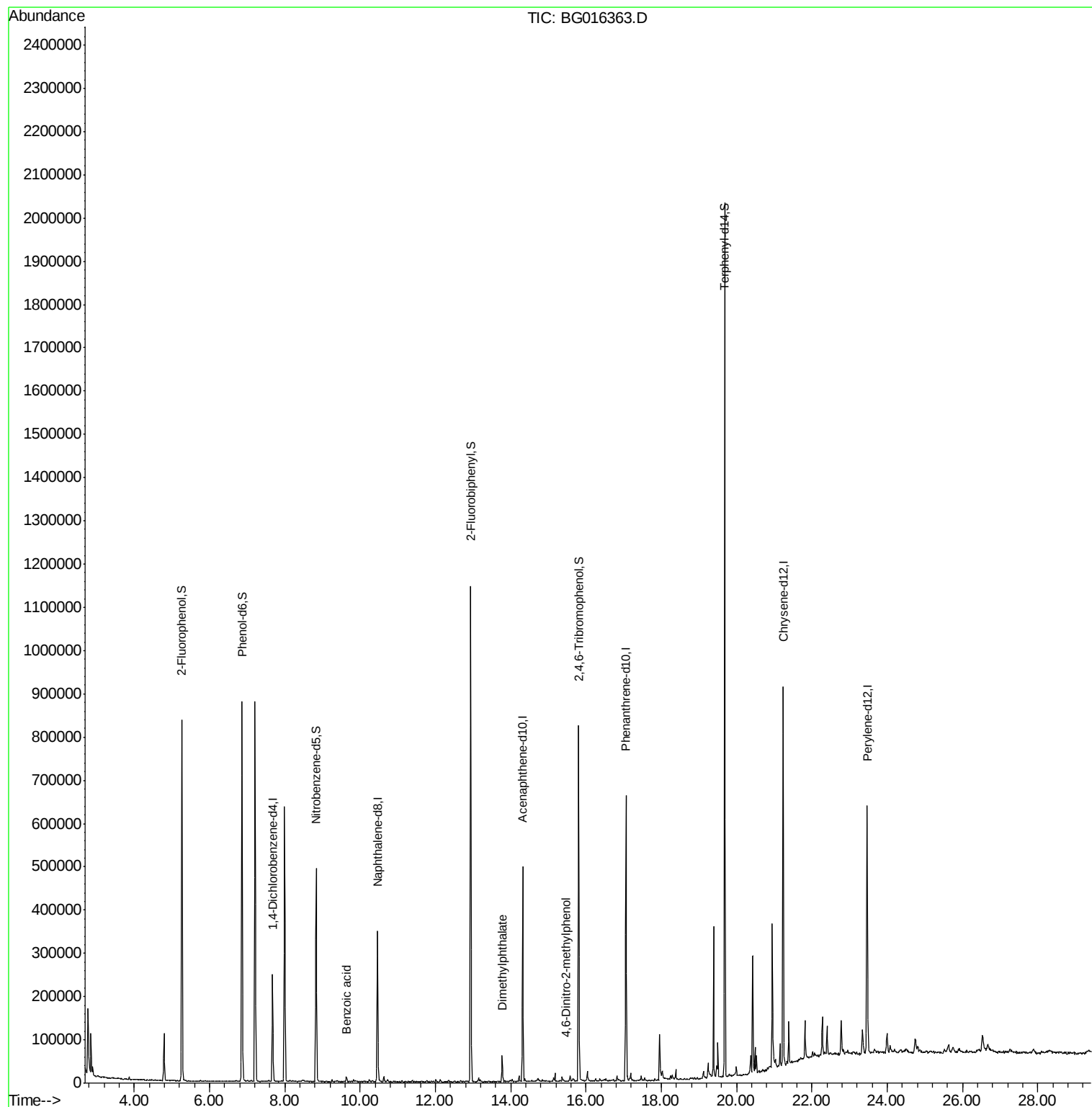
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	65835	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	286197	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	160142	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	348919	20.00	ng	0.00
75) Chrysene-d12	21.24	240	341664	20.00	ng	0.00
86) Perylene-d12	23.47	264	321522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	400982	96.12	ng	0.01
7) Phenol-d6	6.86	99	560372	89.48	ng	0.00
23) Nitrobenzene-d5	8.83	82	289609	58.62	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	113486	104.79	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	569553	60.55	ng	0.00
78) Terphenyl-d14	19.69	244	742256	50.85	ng	0.00
Target Compounds						
32) Benzoic acid	9.66	122	1161	9.05	ng	# 13
49) Dimethylphthalate	13.77	163	39629	3.38	ng	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	57	3.91	ng	# 31

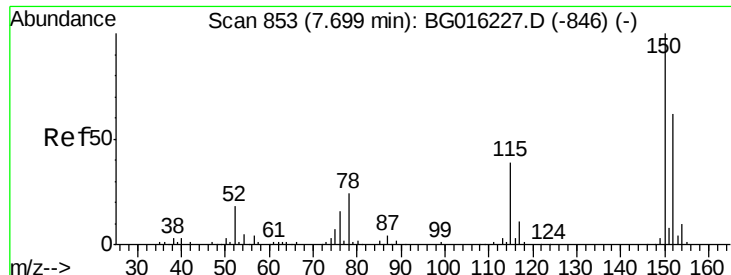
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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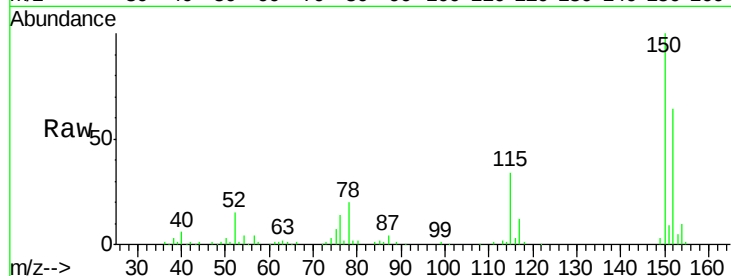


#1

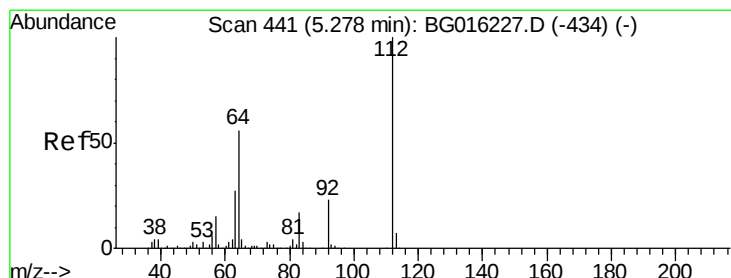
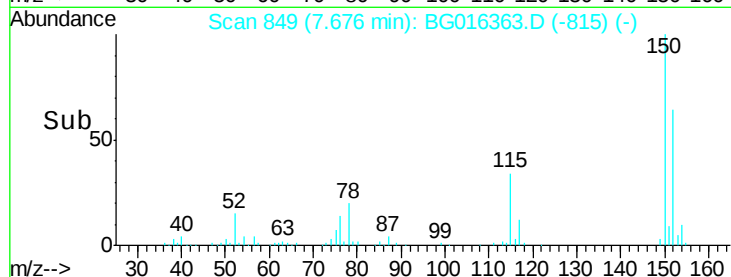
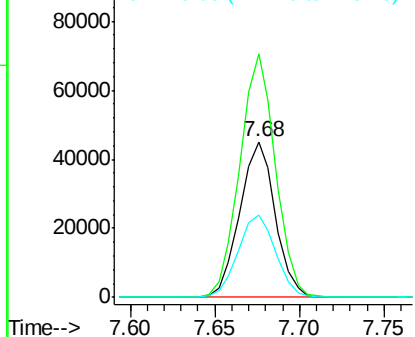
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 849
Delta R.T. 0.00 min
Lab File: BG016363.D
Acq: 13 Apr 2015 16:42

Instrument :
BNA_G
ClientSampled :
TD-4

Tgt Ion:152 Resp: 65835
Ion Ratio Lower Upper
152 100
150 156.8 130.1 195.1
115 52.9 50.5 75.7



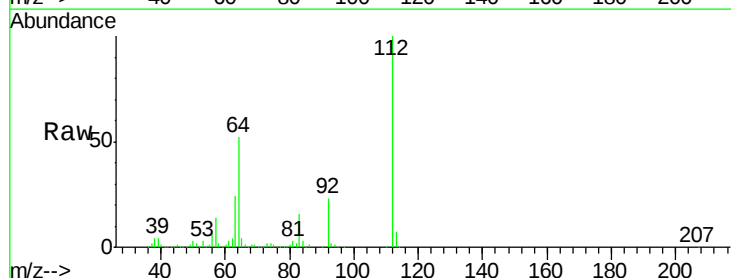
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



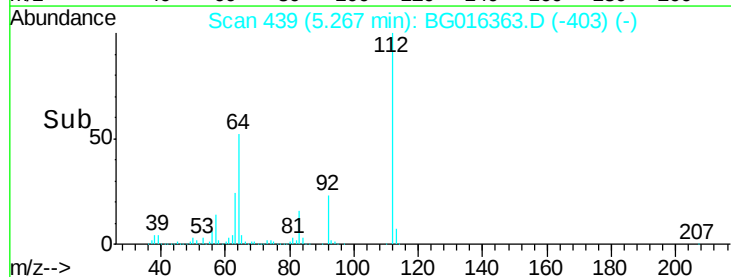
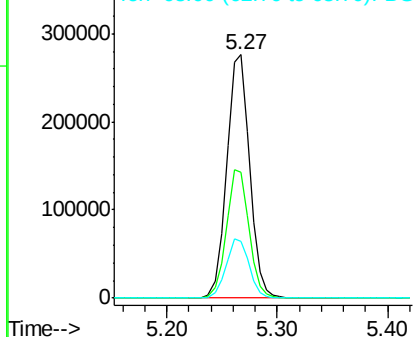
#5

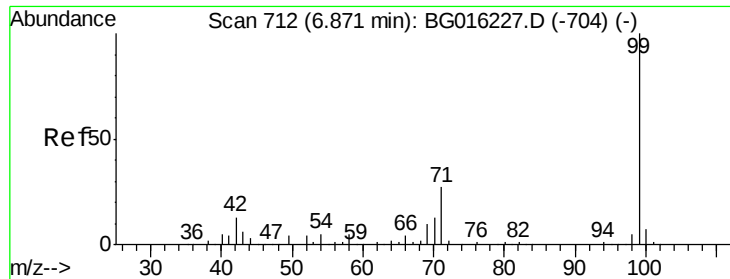
2-Fluorophenol
Concen: 96.12 ng
RT: 5.27 min Scan# 439
Delta R.T. 0.01 min
Lab File: BG016363.D
Acq: 13 Apr 2015 16:42

Tgt Ion:112 Resp: 400982
Ion Ratio Lower Upper
112 100
64 51.9 44.5 66.7
63 23.5 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: 89.48 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

Instrument :

BNA_G

ClientSampled :

TD-4

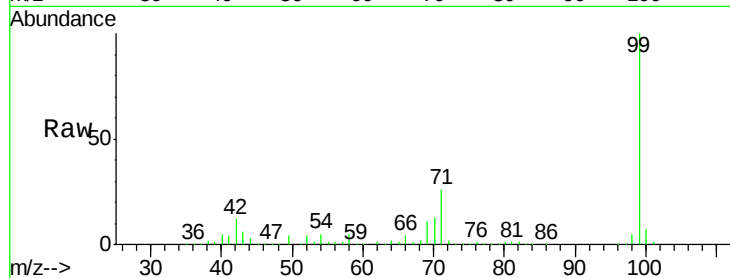
Tgt Ion: 99 Resp: 560372

Ion Ratio Lower Upper

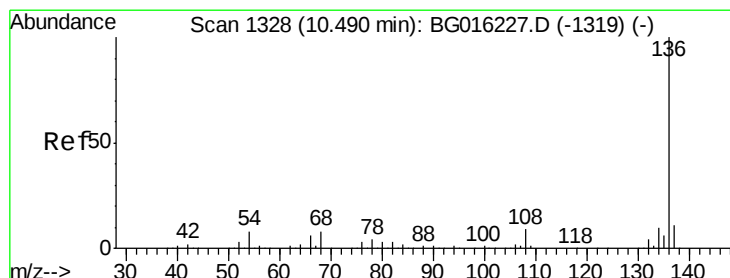
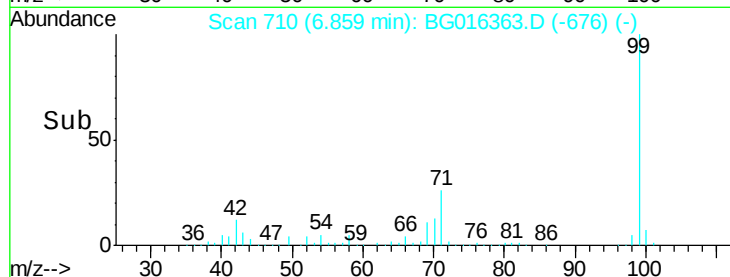
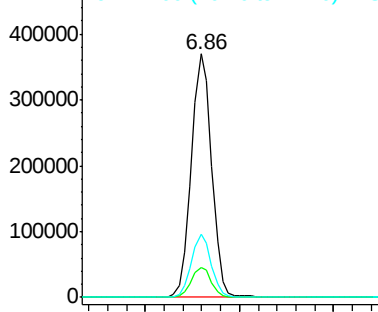
99 100

42 12.2 10.0 15.0

71 26.1 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# 1323

Delta R.T. 0.00 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

Tgt Ion: 136 Resp: 286197

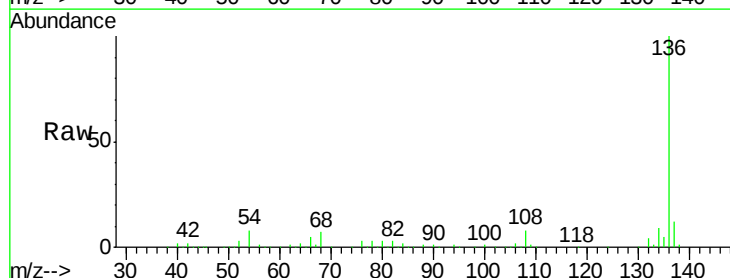
Ion Ratio Lower Upper

136 100

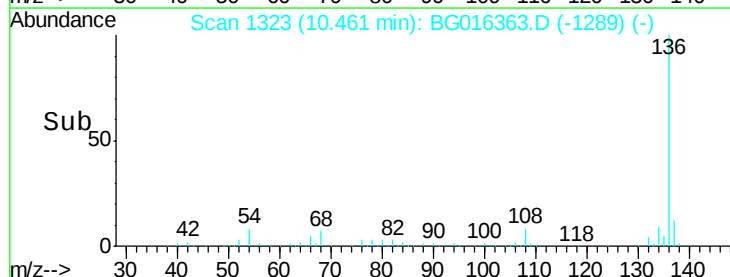
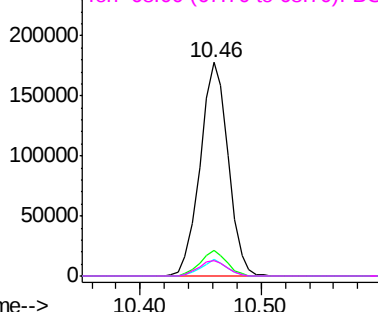
137 11.7 8.7 13.1

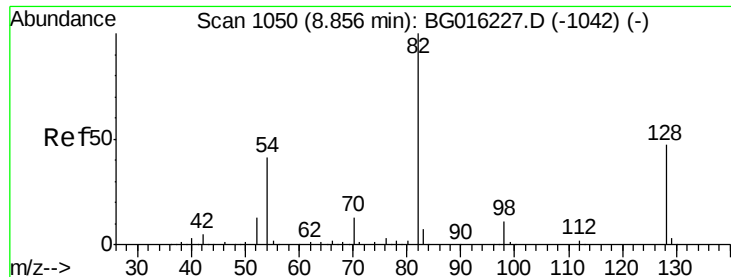
54 7.7 6.3 9.5

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

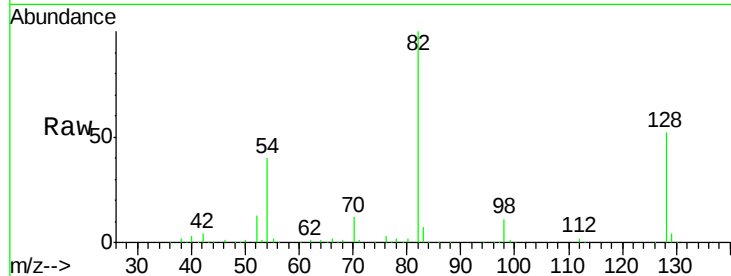




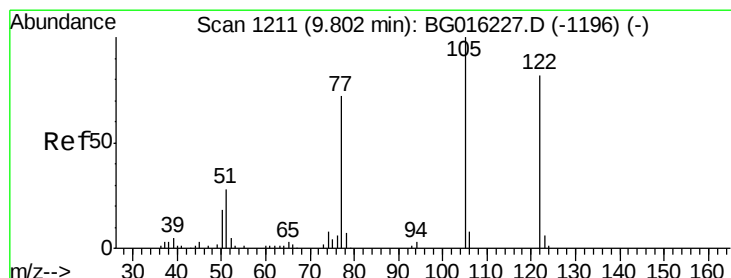
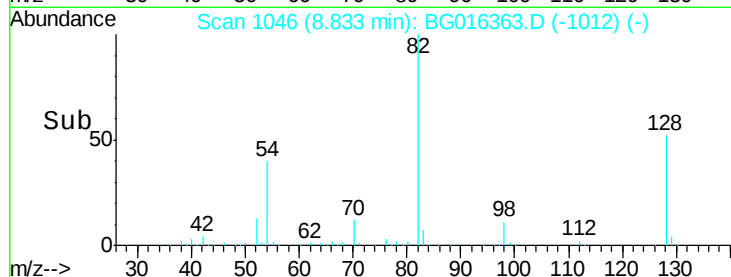
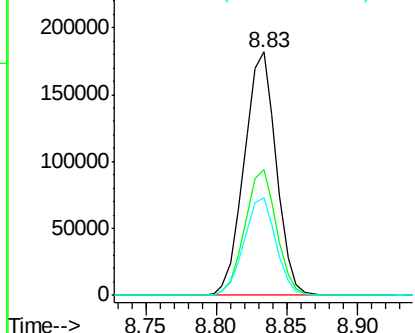
#23
 Nitrobenzene-d5
 Concen: 58.62 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG016363.D
 Acq: 13 Apr 2015 16:42

Instrument :
 BNA_G
 ClientSampleId :
 TD-4

Tgt Ion: 82 Resp: 289609
 Ion Ratio Lower Upper
 82 100
 128 51.6 37.8 56.8
 54 40.2 32.6 49.0

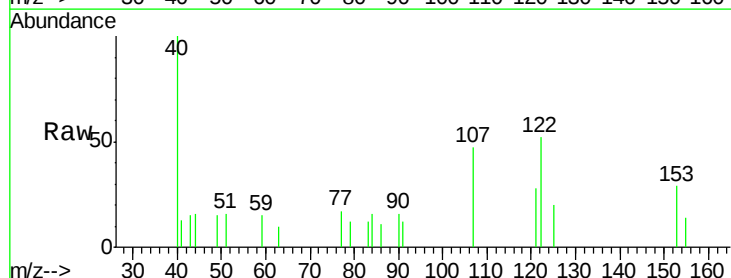


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

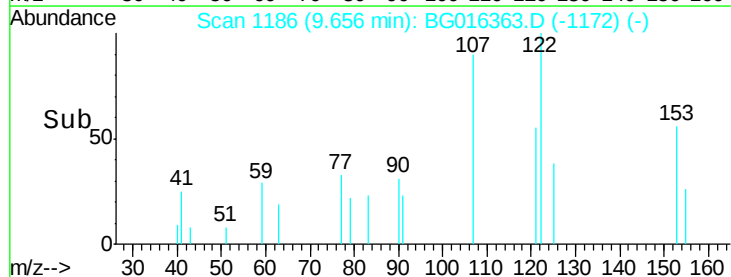
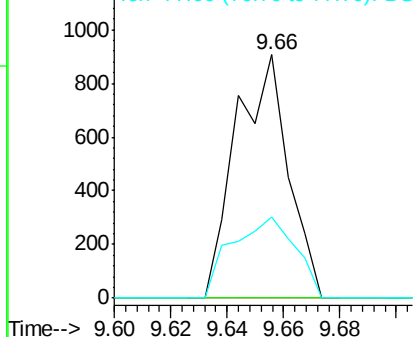


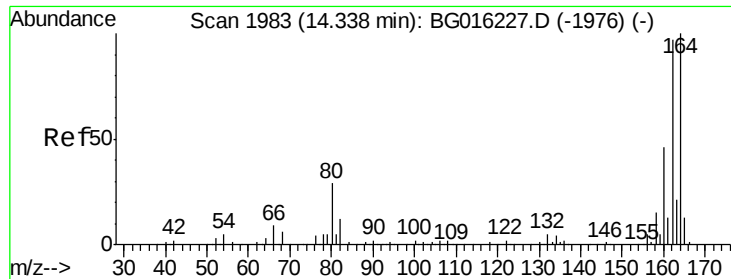
#32
 Benzoic acid
 Concen: 9.05 ng
 RT: 9.66 min Scan# 1186
 Delta R.T. -0.12 min
 Lab File: BG016363.D
 Acq: 13 Apr 2015 16:42

Tgt Ion: 122 Resp: 1161
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.7 139.7#
 77 33.1 66.8 106.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

Instrument :

BNA_G

ClientSampleId :

TD-4

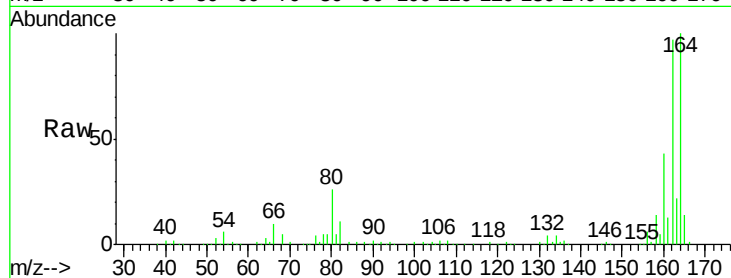
Tgt Ion:164 Resp: 160142

Ion Ratio Lower Upper

164 100

162 96.7 77.3 115.9

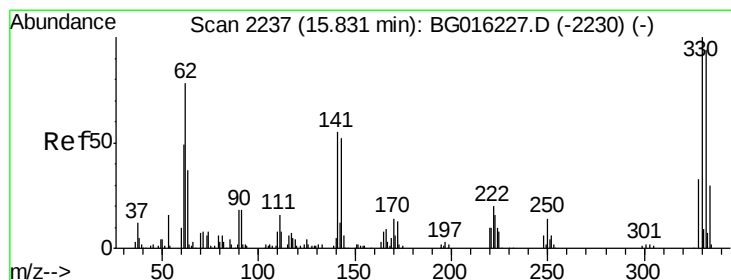
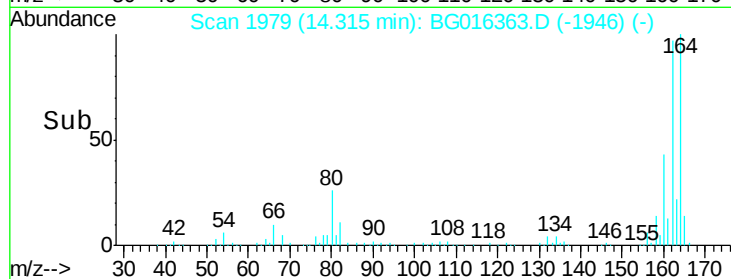
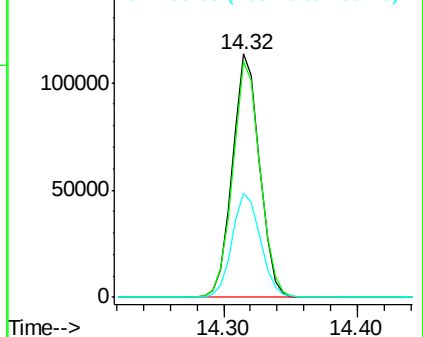
160 42.8 36.7 55.1



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: 104.79 ng

RT: 15.81 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

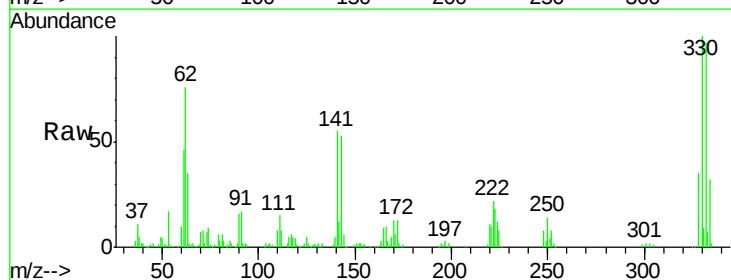
Tgt Ion:330 Resp: 113486

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

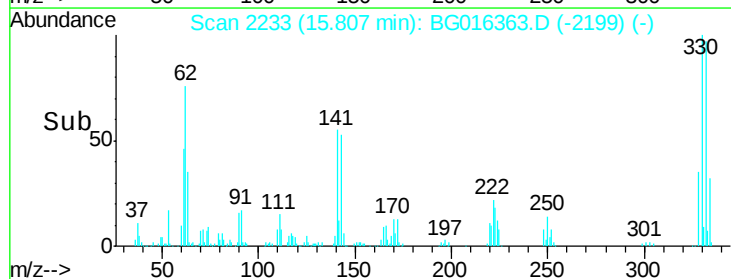
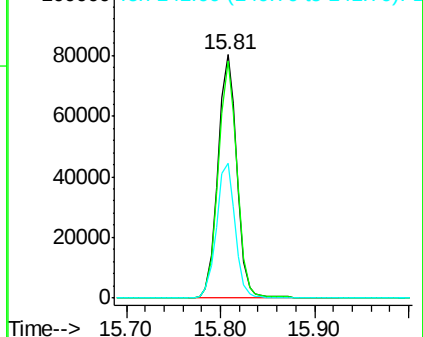
141 54.3 46.6 69.8

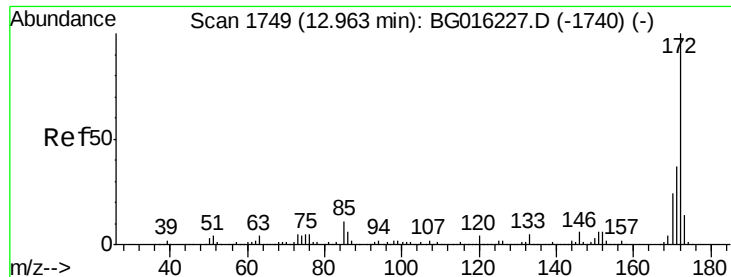


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

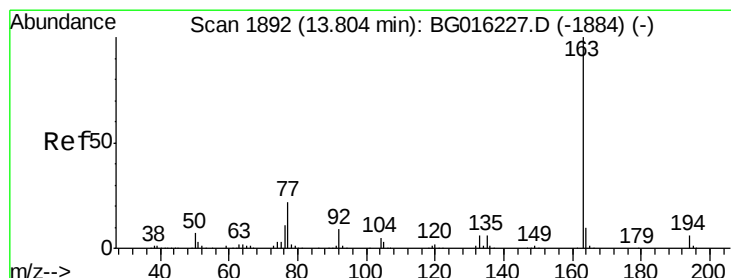
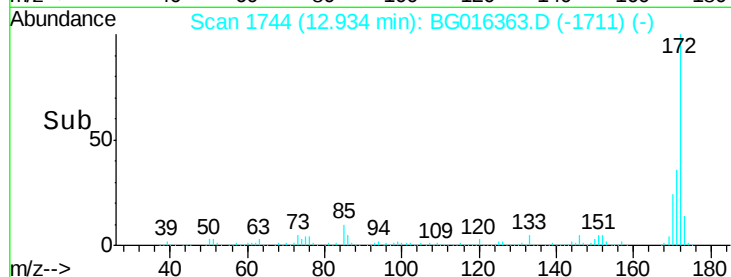
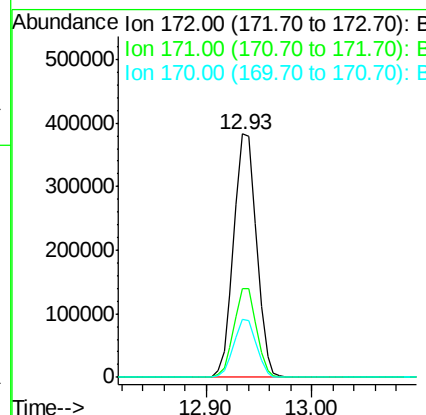
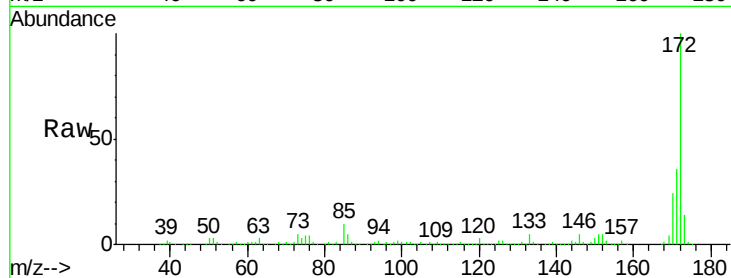




#44
 2-Fluorobiphenyl
 Concen: 60.55 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG016363.D
 Acq: 13 Apr 2015 16:42

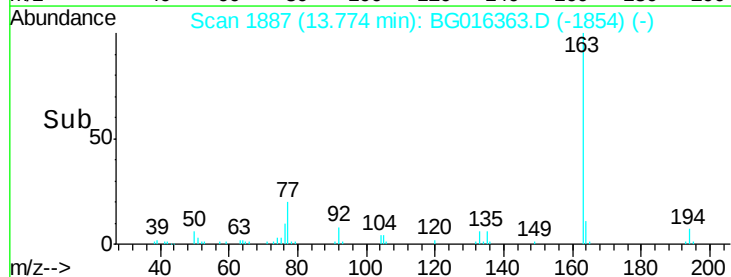
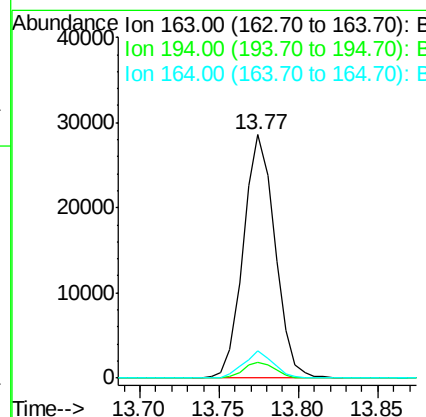
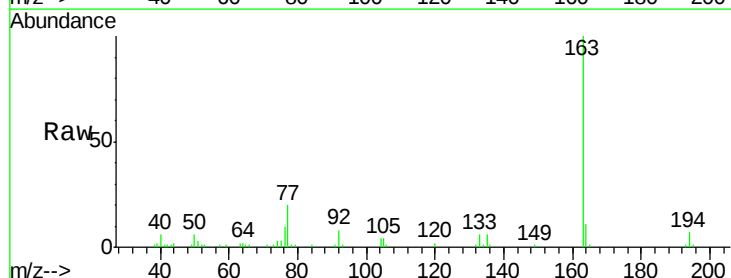
Instrument :
 BNA_G
 ClientSampled :
 TD-4

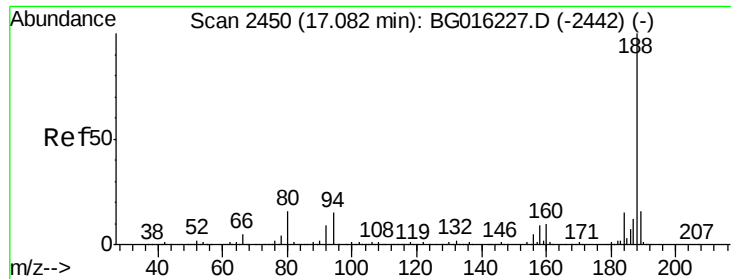
Tgt Ion:172 Resp: 569553
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 19.4 29.2



#49
 Dimethylphthalate
 Concen: 3.38 ng
 RT: 13.77 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG016363.D
 Acq: 13 Apr 2015 16:42

Tgt Ion:163 Resp: 39629
 Ion Ratio Lower Upper
 163 100
 194 6.7 5.0 7.4
 164 11.0 8.2 12.4

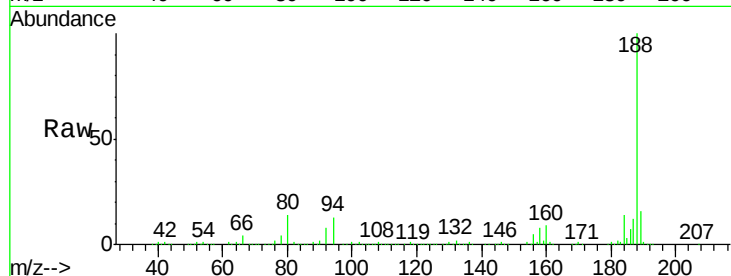




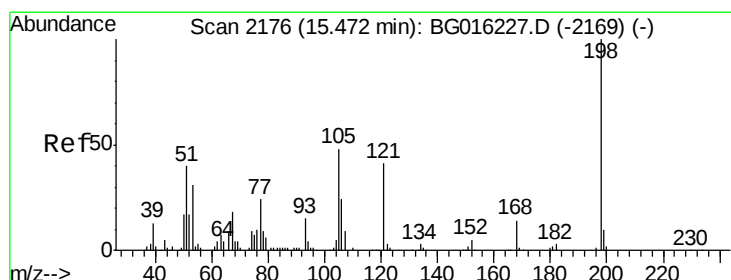
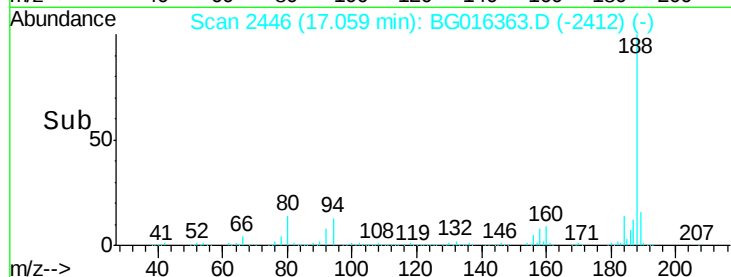
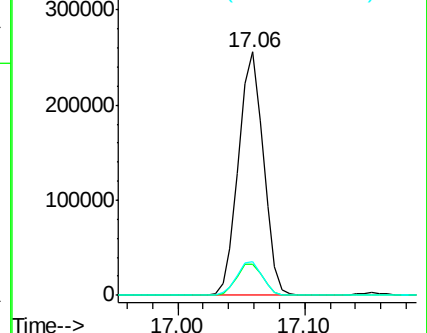
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG016363.D
Acq: 13 Apr 2015 16:42

Instrument :
BNA_G
ClientSampleId :
TD-4

Tgt Ion:188 Resp: 348919
Ion Ratio Lower Upper
188 100
94 13.0 12.2 18.4
80 13.6 12.8 19.2

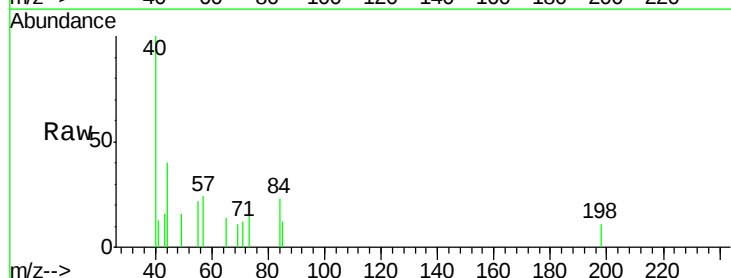


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

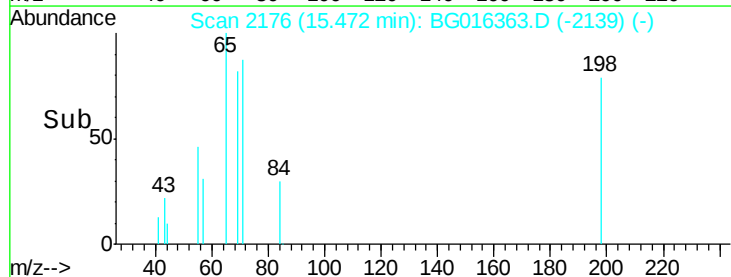
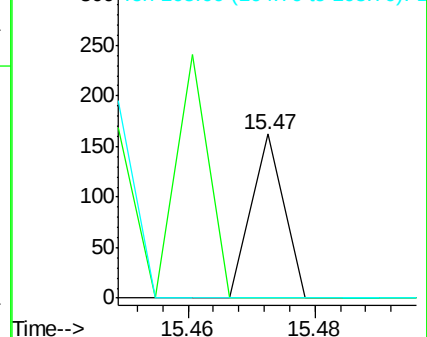


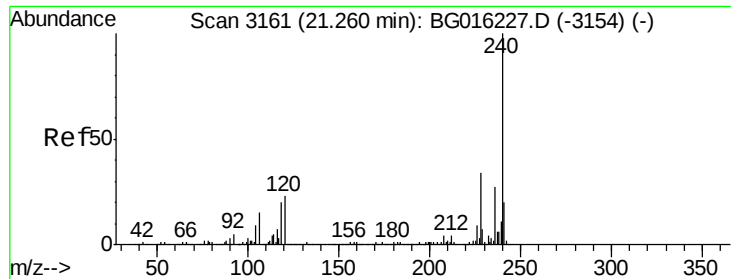
#64
4,6-Dinitro-2-methylphenol
Concen: 3.91 ng
RT: 15.47 min Scan# 2176
Delta R.T. 0.02 min
Lab File: BG016363.D
Acq: 13 Apr 2015 16:42

Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 0.0 20.7 60.7#
105 0.0 28.8 68.8#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

Instrument :

BNA_G

ClientSampleId :

TD-4

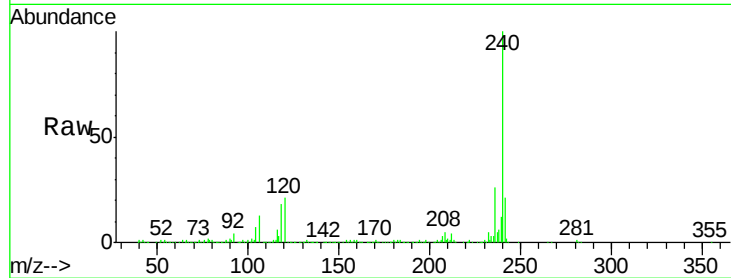
Tgt Ion:240 Resp: 341664

Ion Ratio Lower Upper

240 100

120 20.7 18.6 28.0

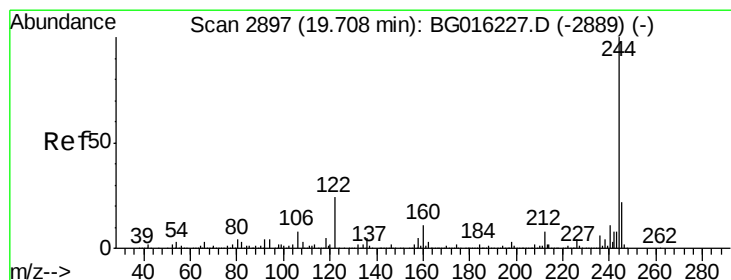
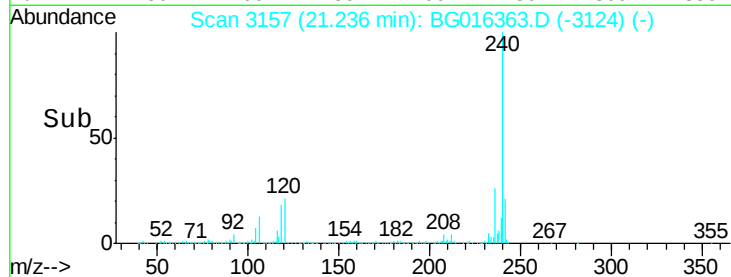
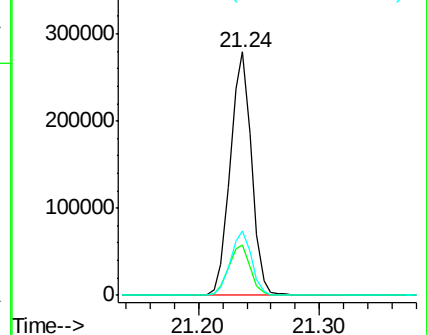
236 26.3 21.7 32.5



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: 50.85 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

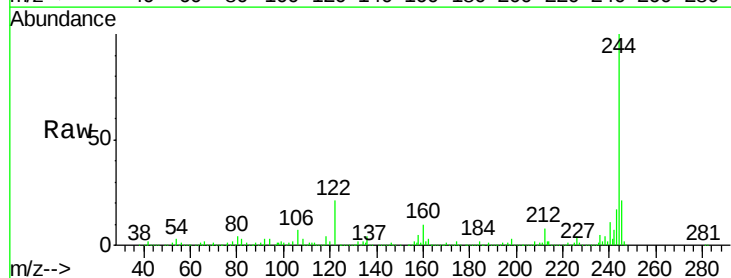
Tgt Ion:244 Resp: 742256

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

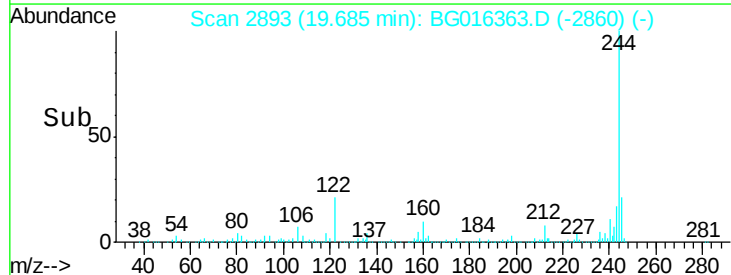
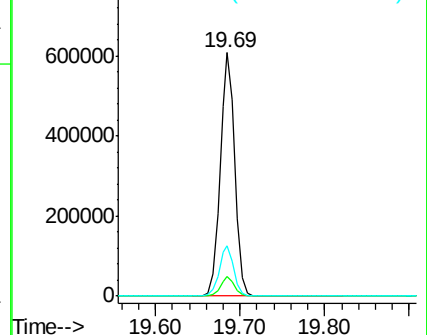
122 20.9 19.1 28.7

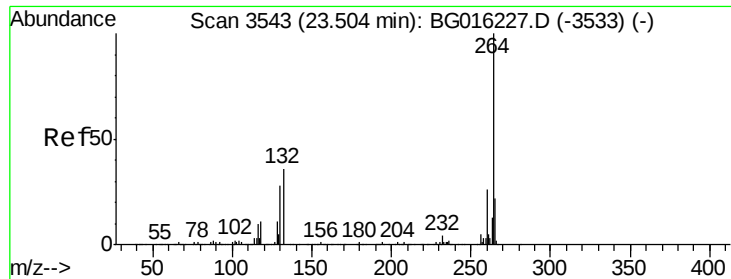


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

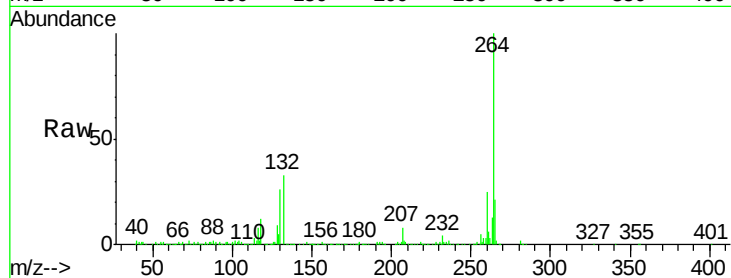




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG016363.D
Acq: 13 Apr 2015 16:42

Instrument :
BNA_G
ClientSampleId :
TD-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	21.4	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

