

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040915\
 Data File : BG016309.D
 Acq On : 10 Apr 2015 3:46
 Operator : TP/IZ
 Sample : PB82581TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82581TB

Quant Time: Apr 10 04:49:28 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

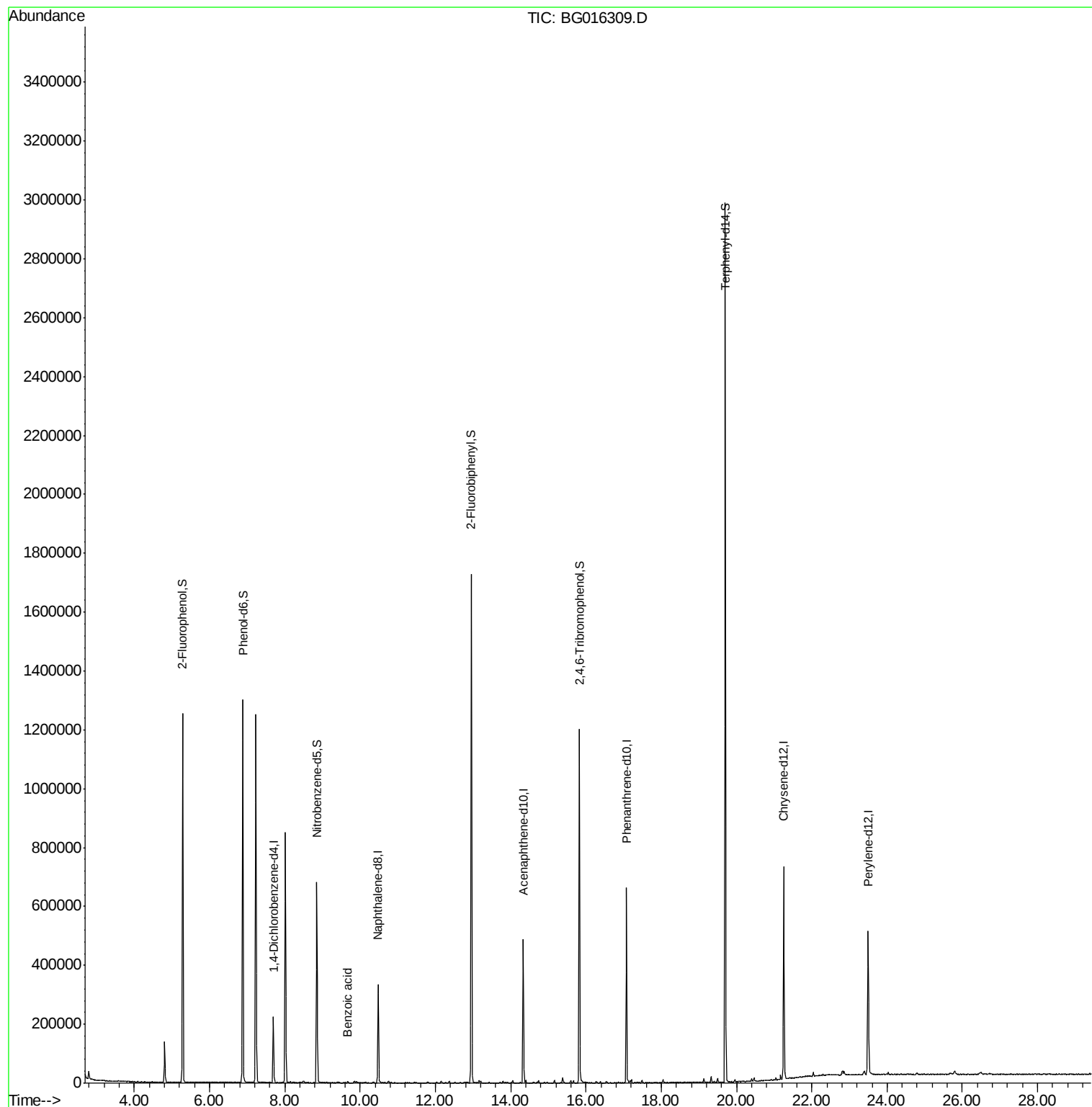
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	60149	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	275305	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	159284	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	345597	20.00	ng	0.00
75) Chrysene-d12	21.26	240	301288	20.00	ng	0.00
86) Perylene-d12	23.50	264	280327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	570534	149.70	ng	0.00
7) Phenol-d6	6.89	99	825181	144.23	ng	0.01
23) Nitrobenzene-d5	8.85	82	399575	84.08	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	154988	143.88	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	842210	90.02	ng	0.00
78) Terphenyl-d14	19.71	244	1063922	82.65	ng	0.00
Target Compounds						
32) Benzoic acid	9.68	122	1604	9.19	ng	Qvalue # 15

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

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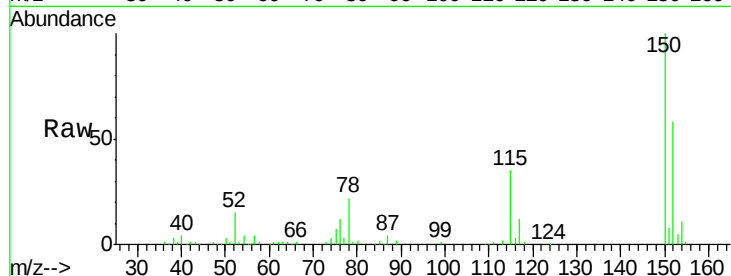


#1

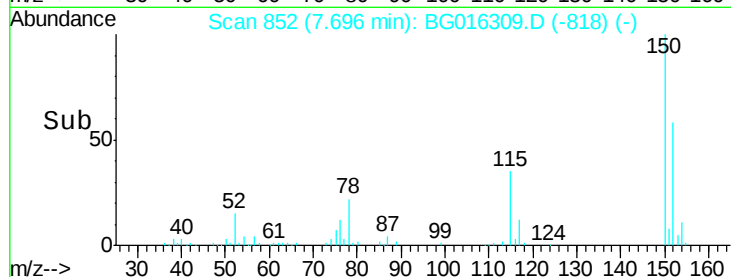
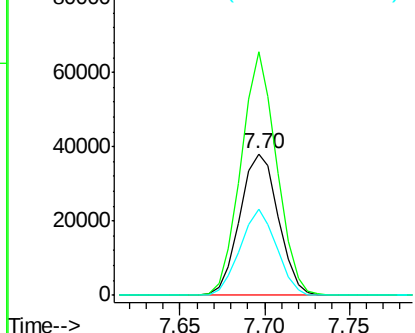
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG016309.D
Acq: 10 Apr 2015 3:46

Instrument :
BNA_G
ClientSampleId :
PB82581TB

Tgt Ion:152 Resp: 60149
Ion Ratio Lower Upper
152 100
150 172.4 130.1 195.1
115 61.0 50.5 75.7



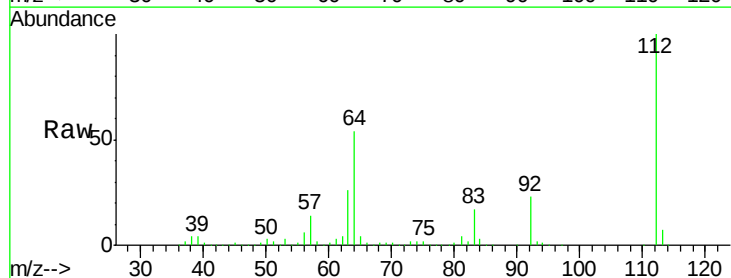
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



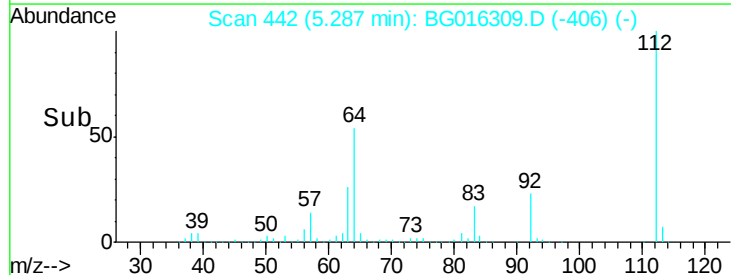
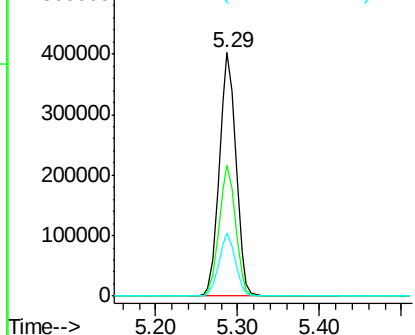
#5

2-Fluorophenol
Concen: 149.70 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG016309.D
Acq: 10 Apr 2015 3:46

Tgt Ion:112 Resp: 570534
Ion Ratio Lower Upper
112 100
64 53.7 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: 144.23 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

Instrument :

BNA_G

ClientSampleId :

PB82581TB

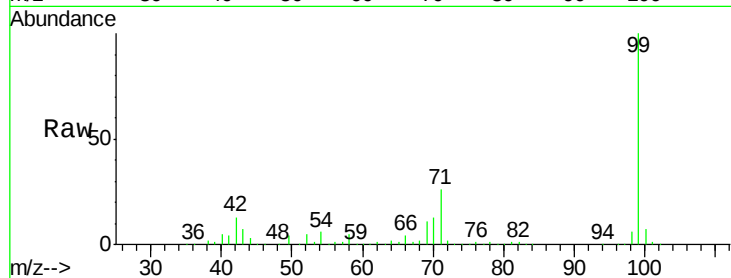
Tgt Ion: 99 Resp: 825181

Ion Ratio Lower Upper

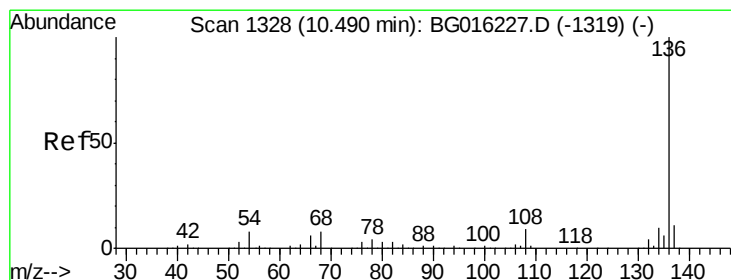
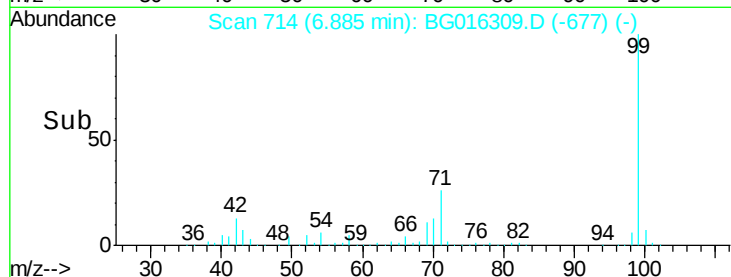
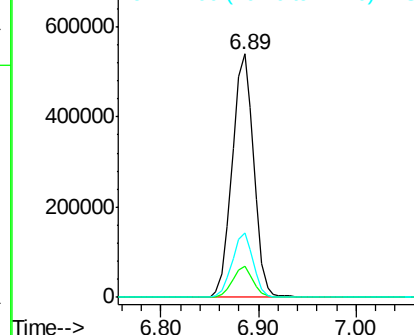
99 100

42 12.7 10.0 15.0

71 26.4 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: 10.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

Tgt Ion: 136 Resp: 275305

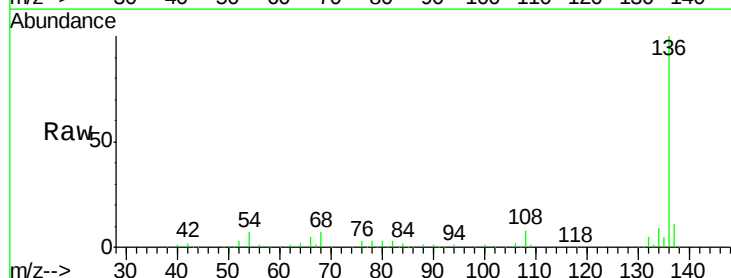
Ion Ratio Lower Upper

136 100

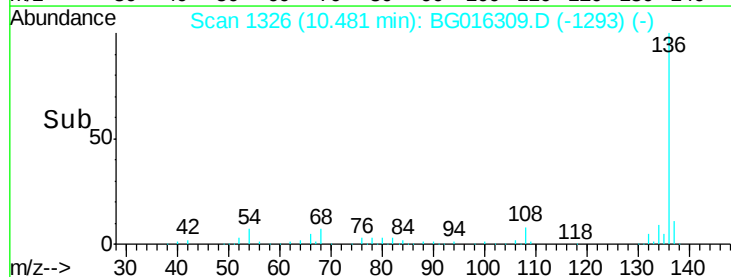
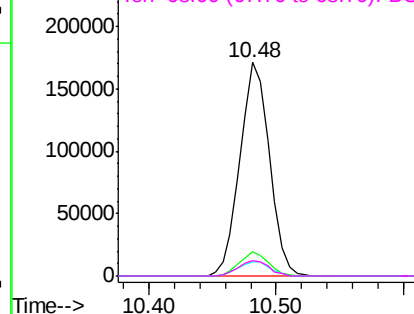
137 11.1 8.7 13.1

54 6.9 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

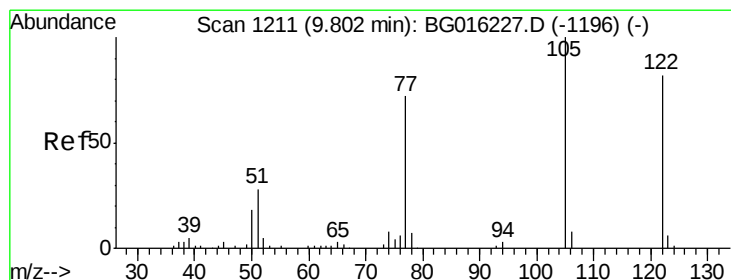
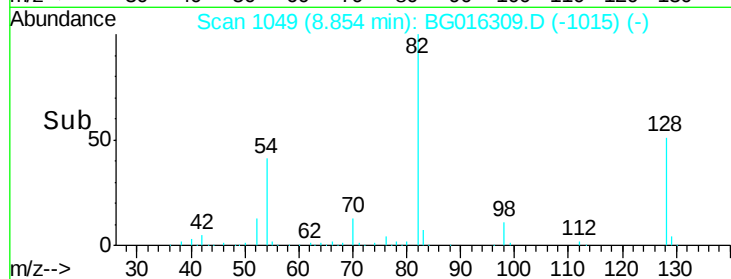
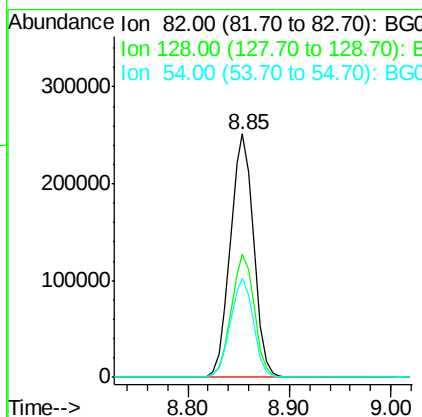
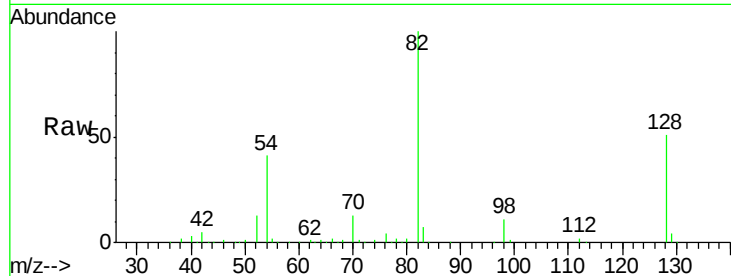




#23
 Nitrobenzene-d5
 Concen: 84.08 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

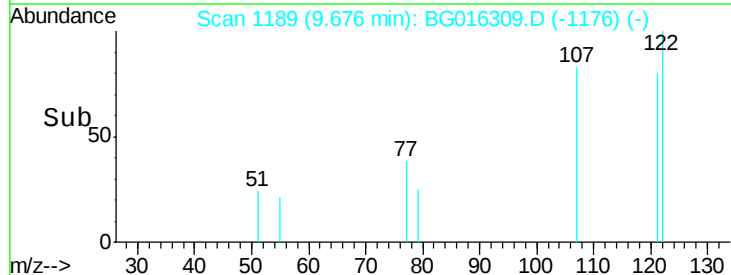
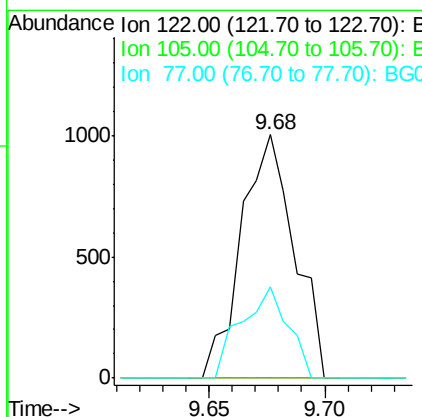
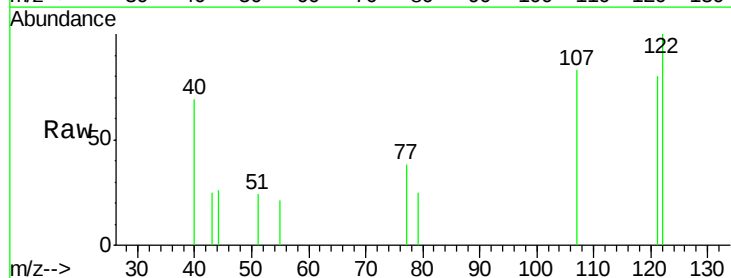
Instrument :
 BNA_G
 ClientSampleId :
 PB82581TB

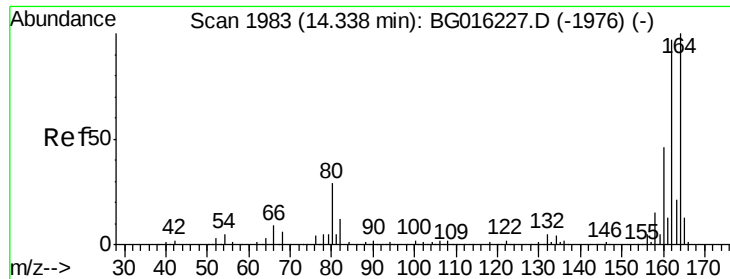
Tgt Ion: 82 Resp: 399575
 Ion Ratio Lower Upper
 82 100
 128 50.7 37.8 56.8
 54 40.9 32.6 49.0



#32
 Benzoic acid
 Concen: 9.19 ng
 RT: 9.68 min Scan# 1189
 Delta R.T. -0.13 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

Tgt Ion: 122 Resp: 1604
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.7 139.7#
 77 37.6 66.8 106.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

Instrument :

BNA_G

ClientSampleId :

PB82581TB

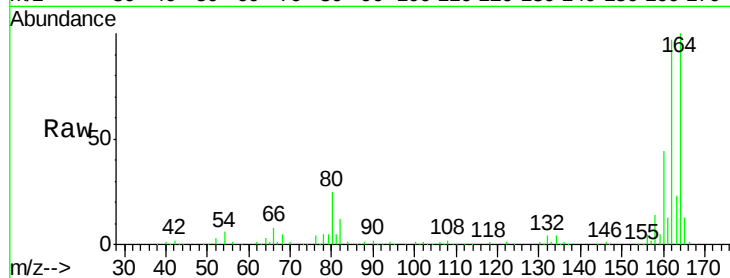
Tgt Ion:164 Resp: 159284

Ion Ratio Lower Upper

164 100

162 96.7 77.3 115.9

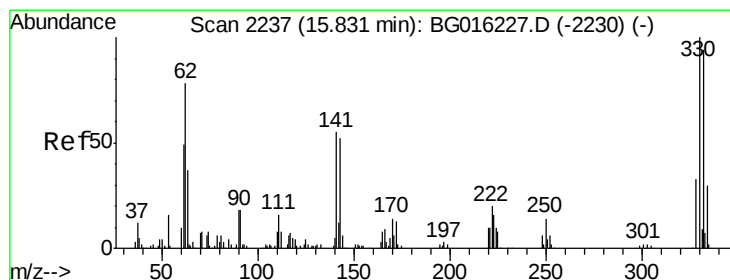
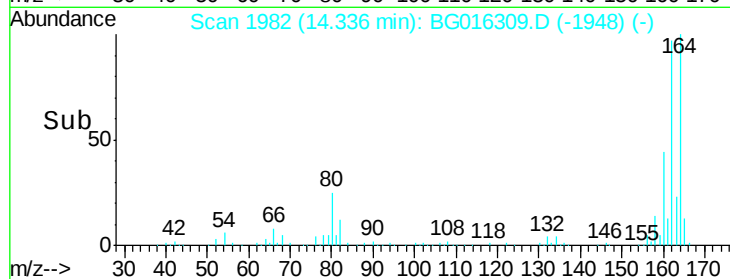
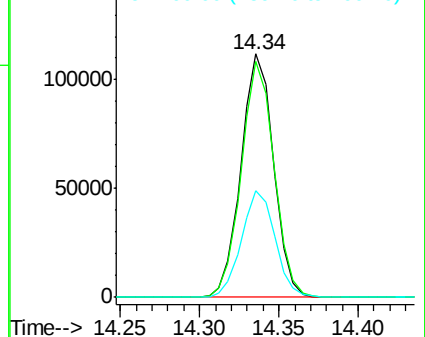
160 43.9 36.7 55.1



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: 143.88 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

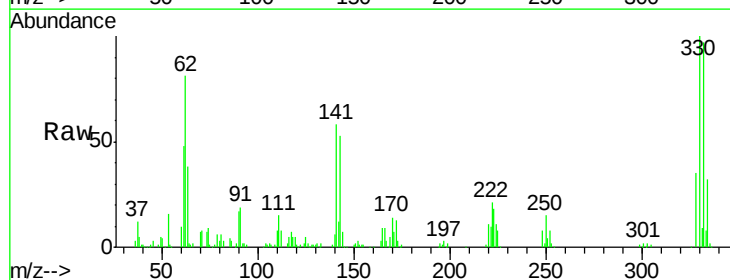
Tgt Ion:330 Resp: 154988

Ion Ratio Lower Upper

330 100

332 98.6 75.8 113.6

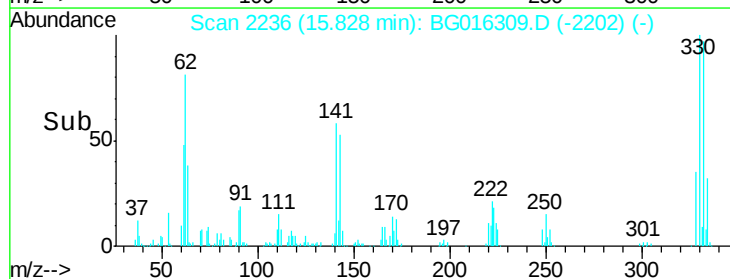
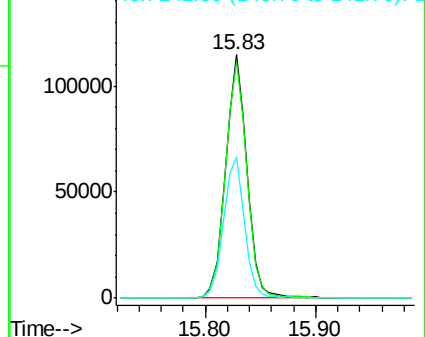
141 57.7 46.6 69.8

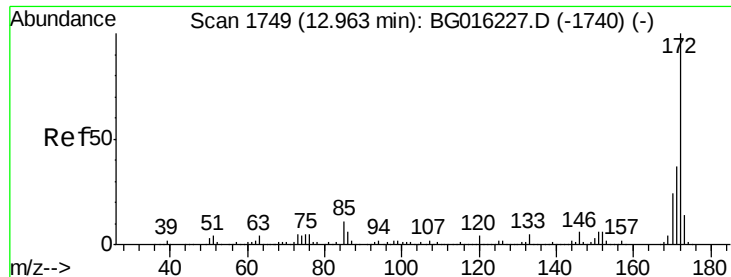


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

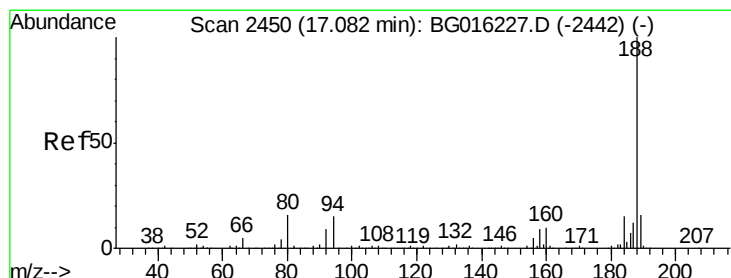
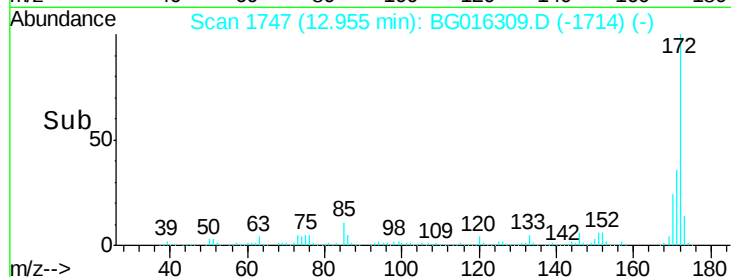
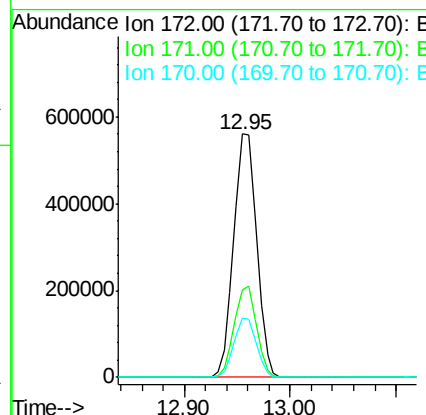
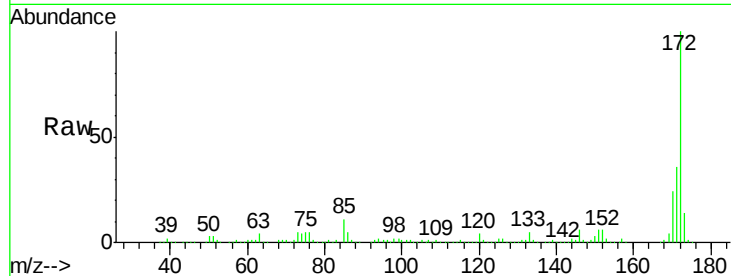




#44
 2-Fluorobiphenyl
 Concen: 90.02 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

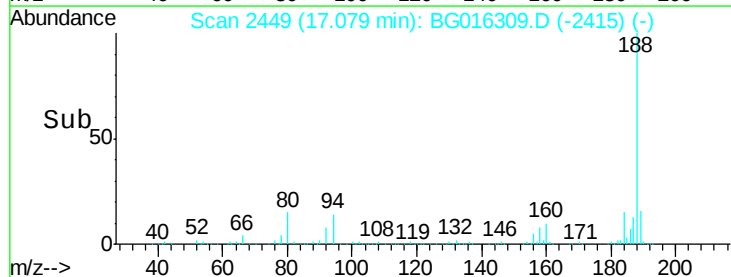
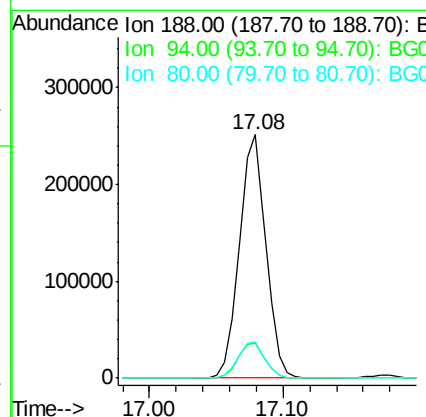
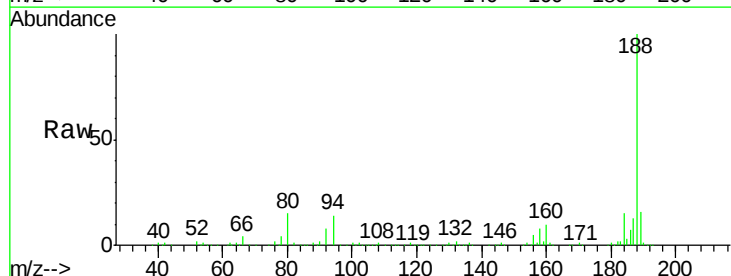
Instrument :
 BNA_G
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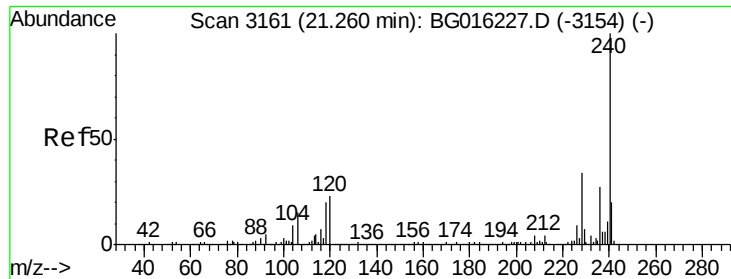
Tgt Ion:172 Resp: 842210
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.3 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

Tgt Ion:188 Resp: 345597
 Ion Ratio Lower Upper
 188 100
 94 14.4 12.2 18.4
 80 14.8 12.8 19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

Instrument :

BNA_G

ClientSampleId :

PB82581TB

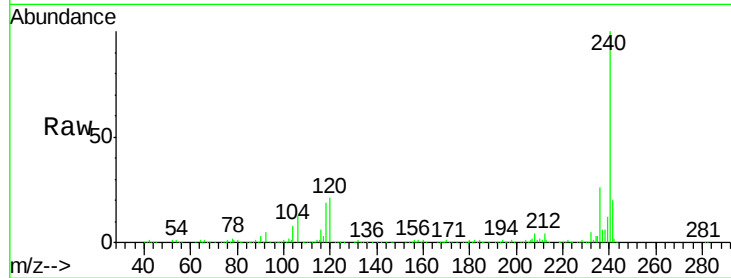
Tgt Ion:240 Resp: 301288

Ion Ratio Lower Upper

240 100

120 21.4 18.6 28.0

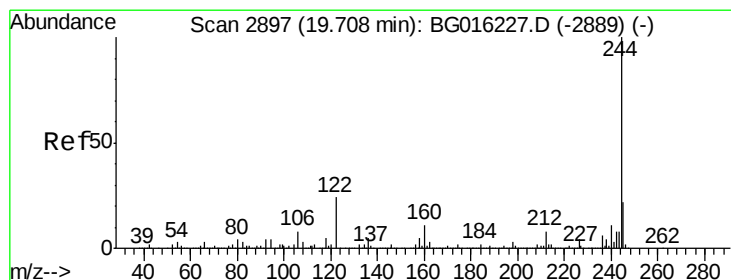
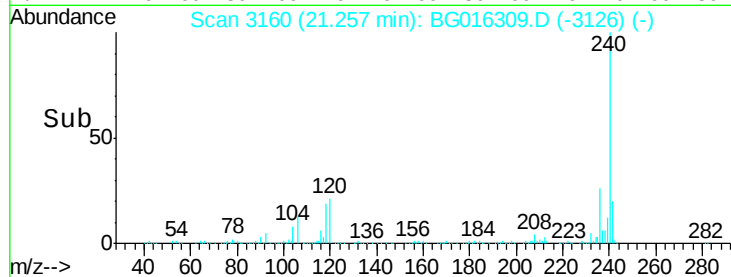
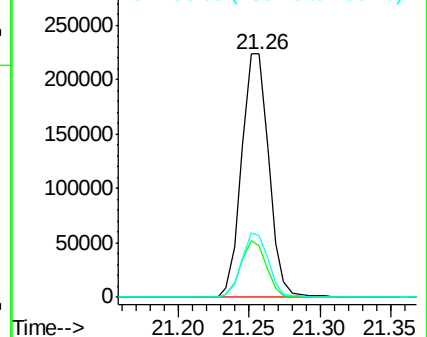
236 25.6 21.7 32.5



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: 82.65 ng

RT: 19.71 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

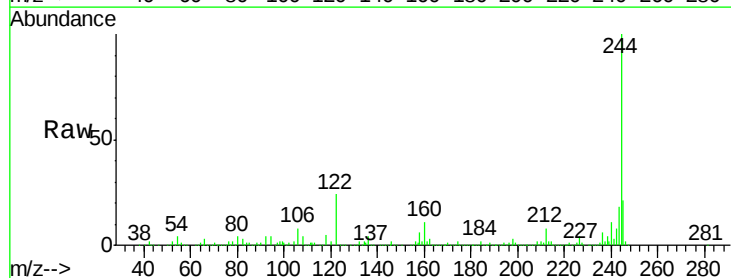
Tgt Ion:244 Resp: 1063922

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

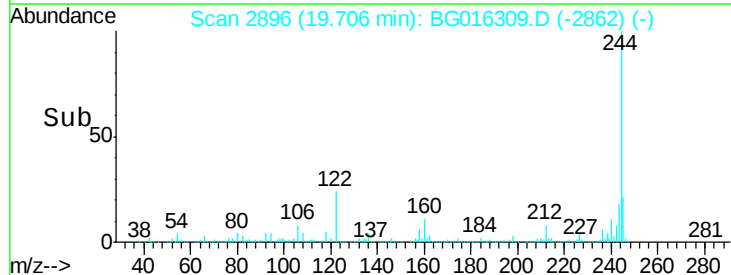
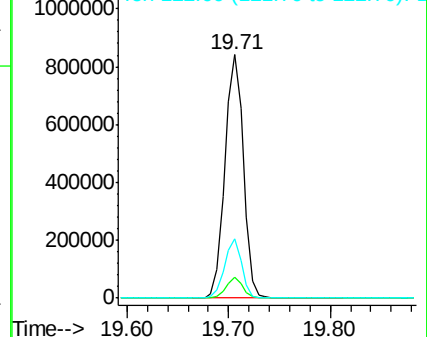
122 24.2 19.1 28.7

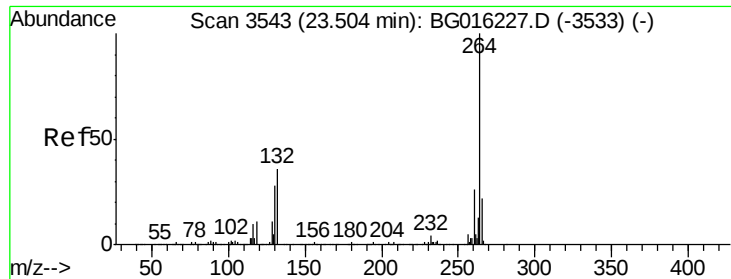


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3542
Delta R.T. -0.00 min
Lab File: BG016309.D
Acq: 10 Apr 2015 3:46

Instrument :
BNA_G
ClientSampleId :
PB82581TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	21.7	17.2	25.8

