

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023244.D
 Acq On : 23 Jul 2016 10:14
 Operator : UM/SJ
 Sample : H4133-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-40

Quant Time: Jul 25 01:28:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	88670	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	427366	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	236986	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	793427	20.00	ng	0.02
75) Chrysene-d12	21.89	240	710204	20.00	ng	0.01
86) Perylene-d12	25.30	264	199638	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	710834	131.11	ng	0.00
7) Phenol-d6	7.29	99	880863	103.74	ng	0.00
23) Nitrobenzene-d5	9.32	82	848384	85.00	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	519850	122.05	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1575589	104.72	ng	0.01
78) Terphenyl-d14	20.18	244	2521657	-20.00	ng	0.02

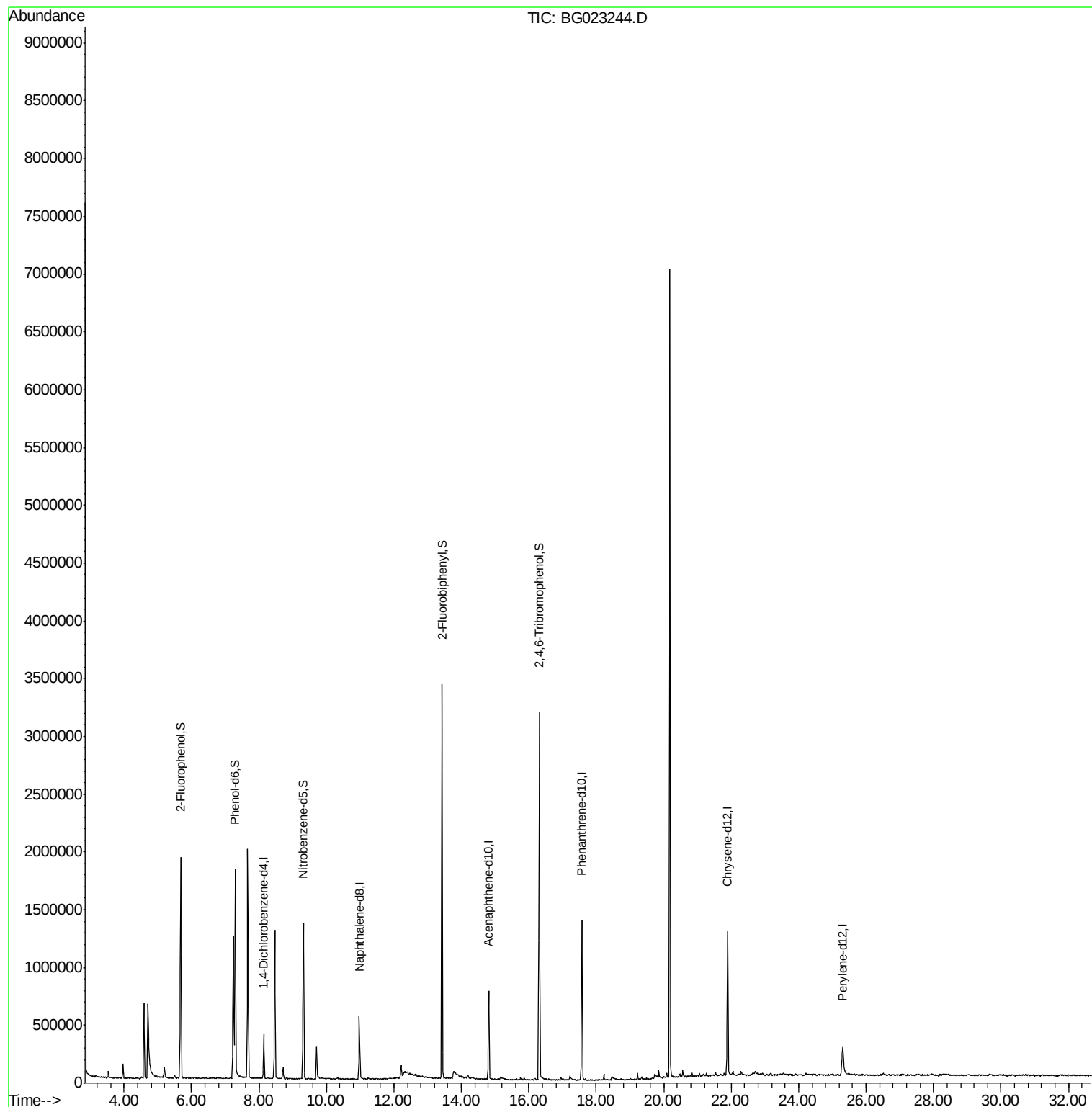
Target Compounds	Qvalue
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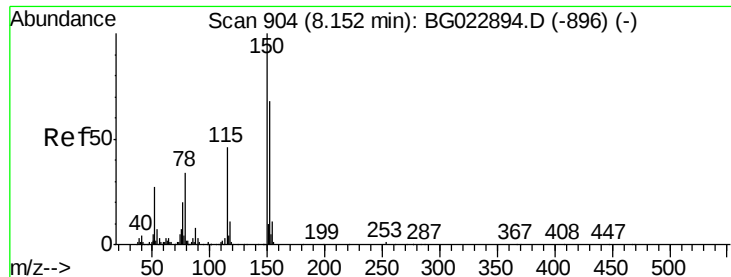
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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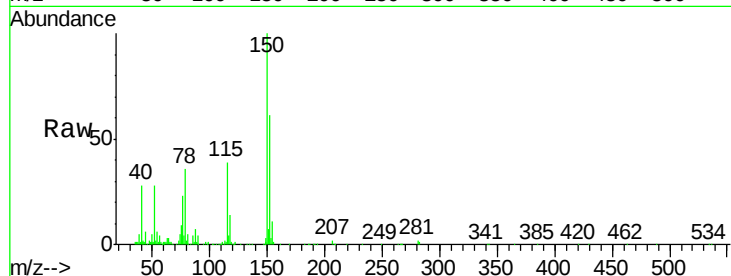


#1

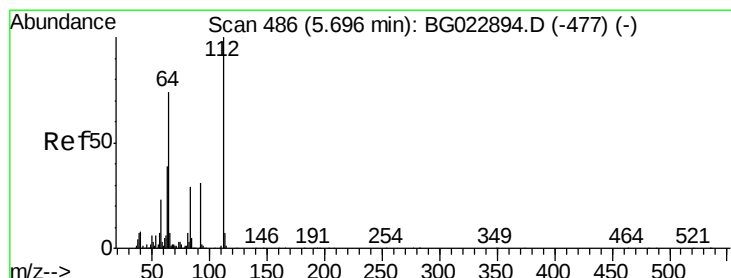
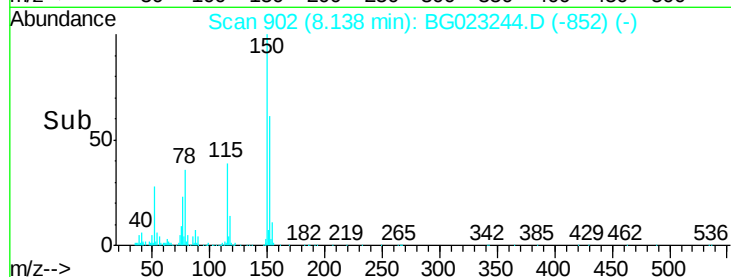
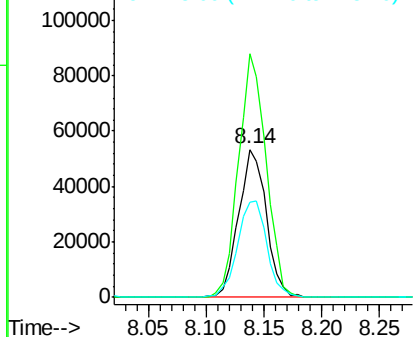
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG023244.D
Acq: 23 Jul 2016 10:14

Instrument :
BNA_G
ClientSampleId :
D-40

Tgt Ion:152 Resp: 88670
Ion Ratio Lower Upper
152 100
150 164.6 144.7 217.1
115 64.5 64.0 96.0



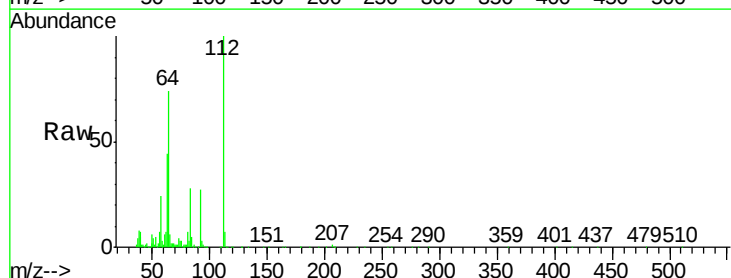
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



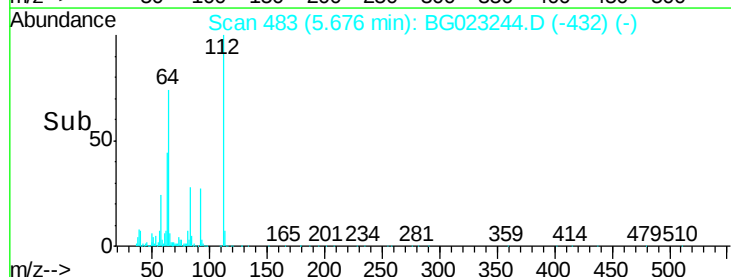
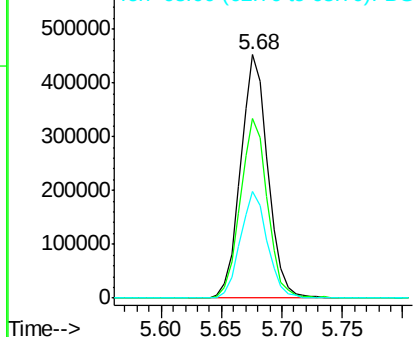
#5

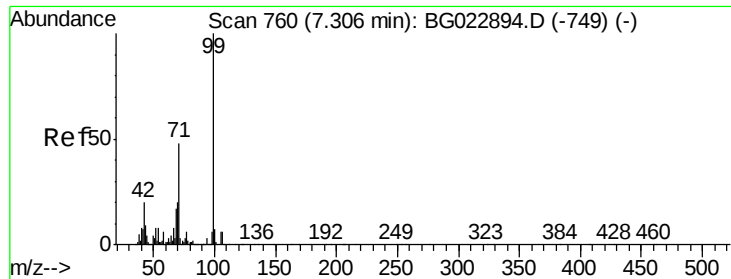
2-Fluorophenol
Concen: 131.11 ng
RT: 5.68 min Scan# 483
Delta R.T. -0.00 min
Lab File: BG023244.D
Acq: 23 Jul 2016 10:14

Tgt Ion:112 Resp: 710834
Ion Ratio Lower Upper
112 100
64 73.9 59.0 88.4
63 44.0 37.8 56.8



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: 103.74 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023244.D

Acq: 23 Jul 2016 10:14

Instrument :

BNA_G

ClientSampleId :

D-40

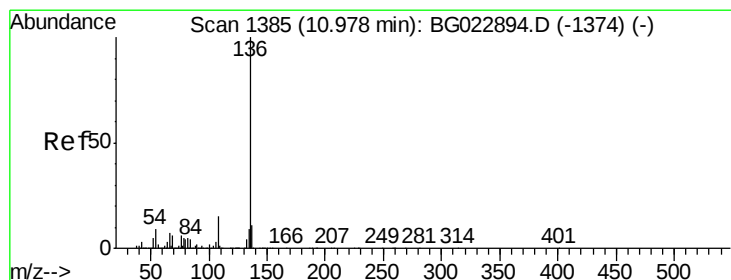
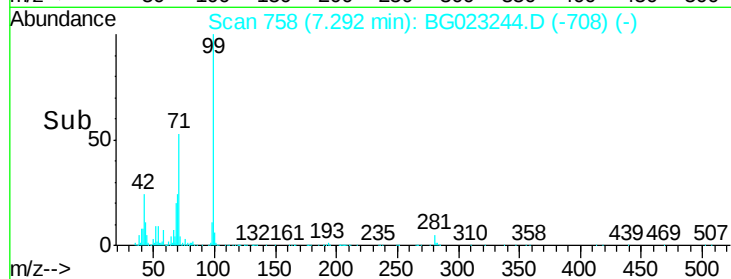
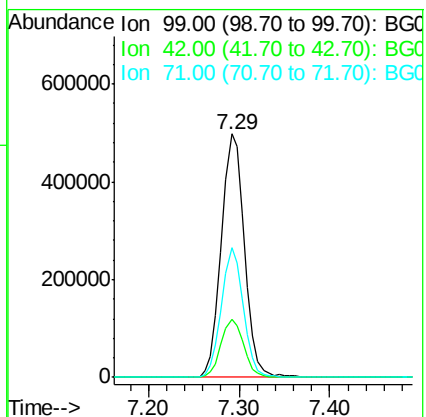
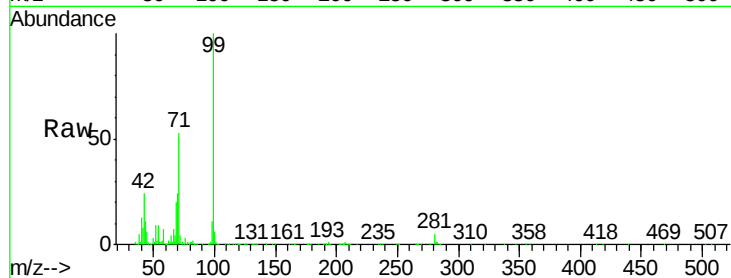
Tgt Ion: 99 Resp: 880863

Ion Ratio Lower Upper

99 100

42 23.6 17.8 26.6

71 53.2 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023244.D

Acq: 23 Jul 2016 10:14

Tgt Ion: 136 Resp: 427366

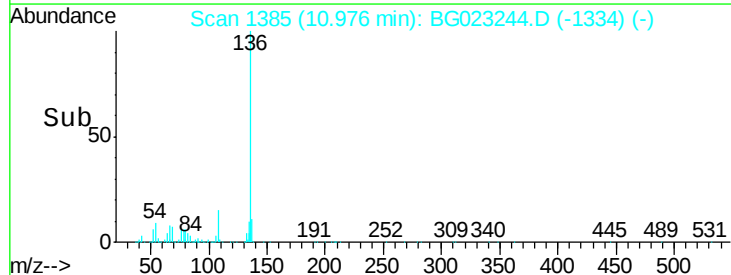
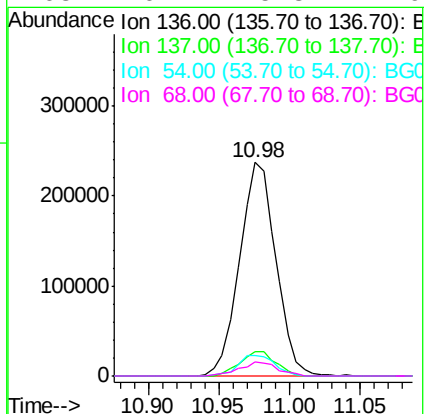
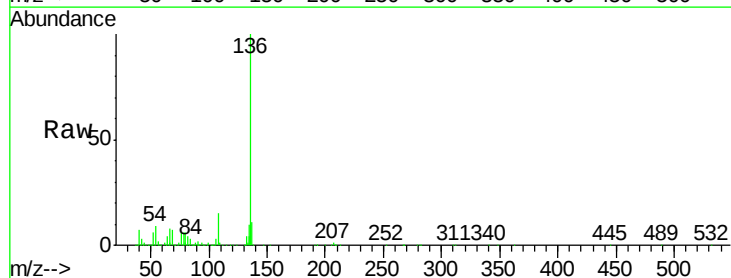
Ion Ratio Lower Upper

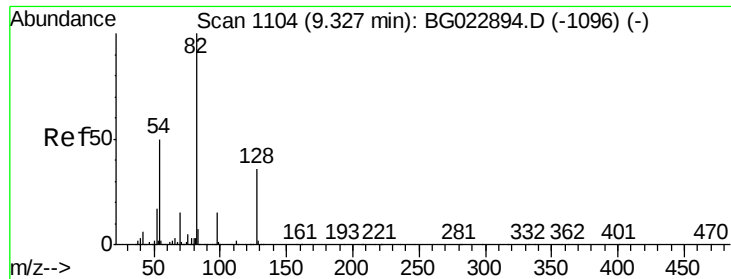
136 100

137 11.2 9.6 14.4

54 9.4 7.3 10.9

68 6.7 5.3 7.9

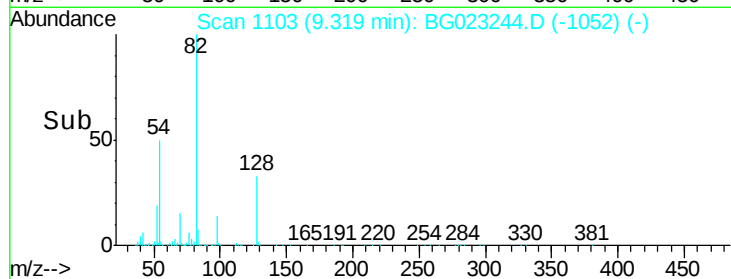
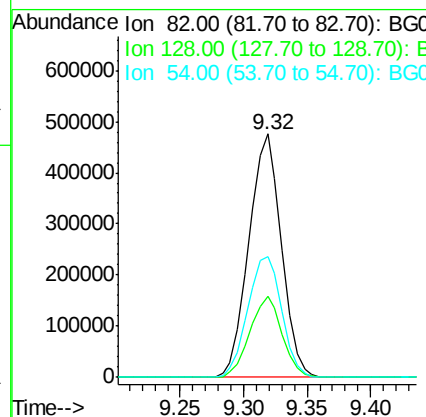
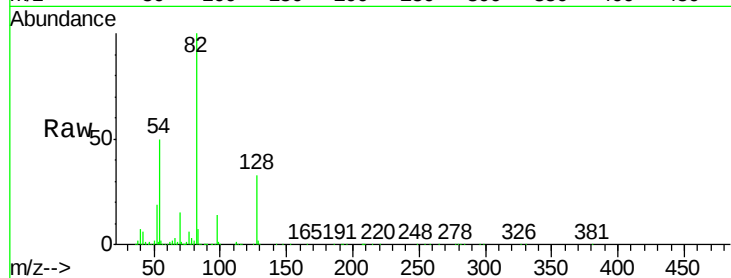




#23
 Nitrobenzene-d5
 Concen: 85.00 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

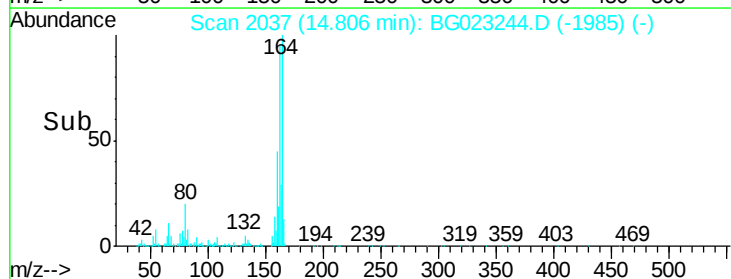
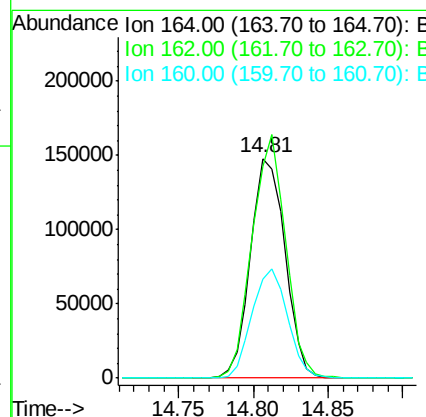
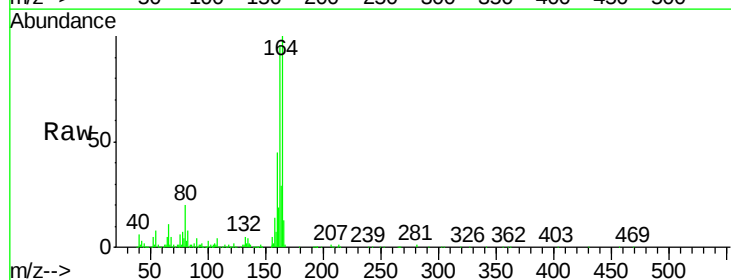
Instrument :
 BNA_G
 ClientSampleId :
 D-40

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.4	36.6
54	49.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	87.7	131.5
160	44.9	37.2	55.8

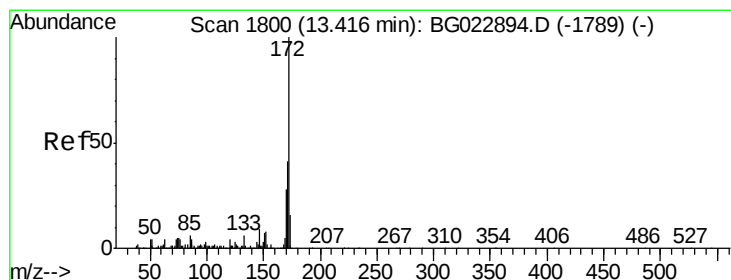
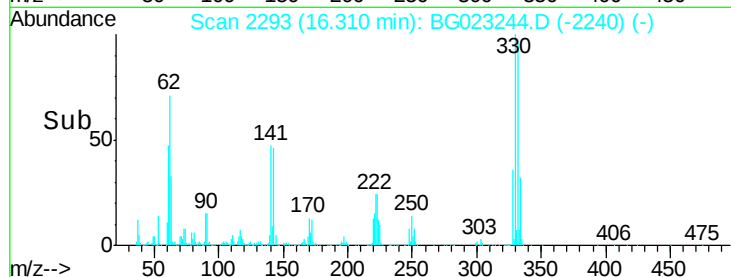
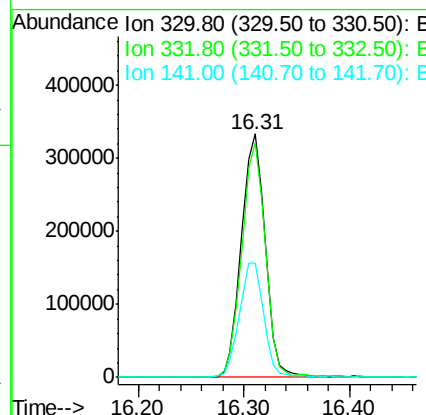
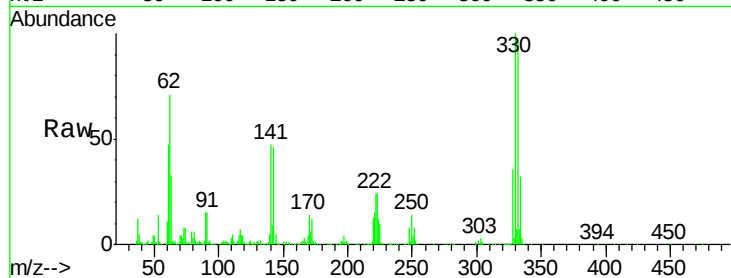




#41
 2,4,6-Tribromophenol
 Concen: 122.05 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

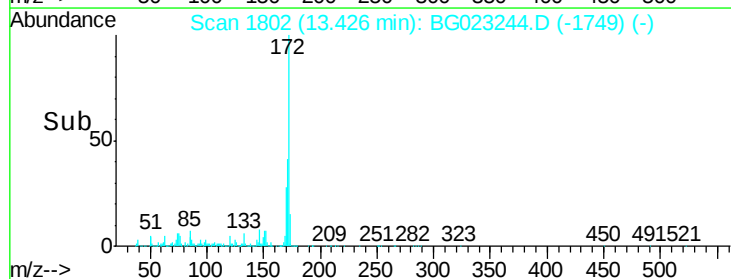
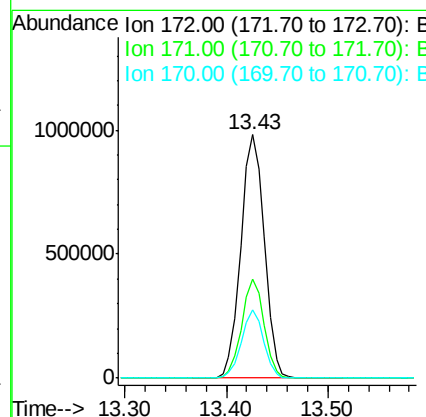
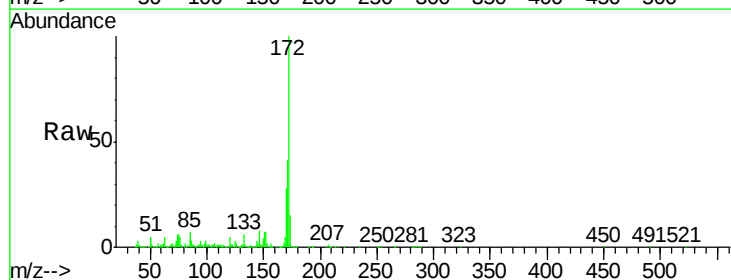
Instrument :
 BNA_G
 ClientSampled :
 D-40

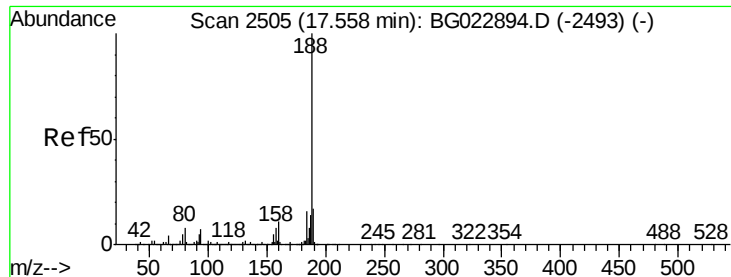
Tgt Ion:330 Resp: 519850
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 48.4 31.7 47.5#



#44
 2-Fluorobiphenyl
 Concen: 104.72 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

Tgt Ion:172 Resp: 1575589
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 27.9 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BG023244.D

Acq: 23 Jul 2016 10:14

Instrument :

BNA_G

ClientSampleId :

D-40

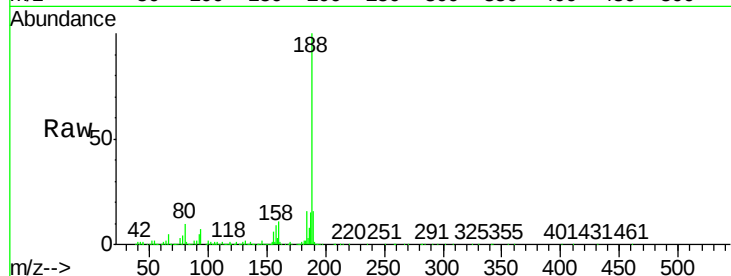
Tgt Ion:188 Resp: 793427

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

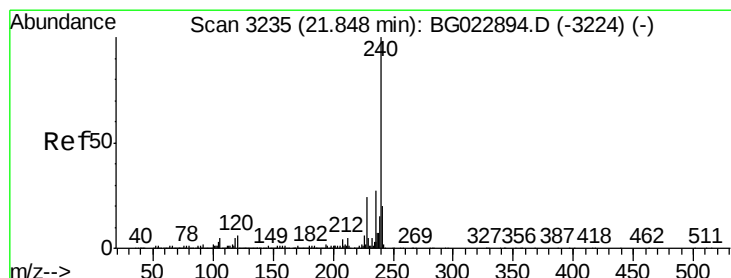
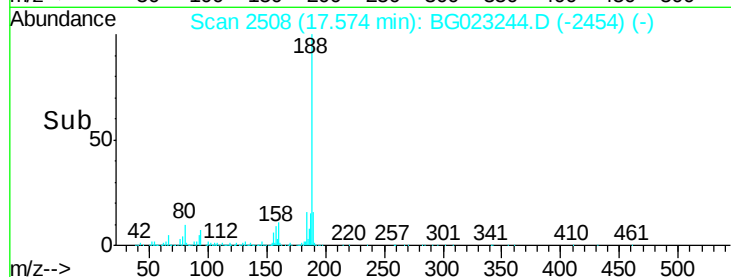
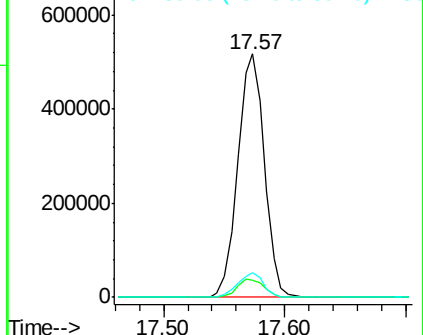
80 10.1 7.2 10.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.01 min

Lab File: BG023244.D

Acq: 23 Jul 2016 10:14

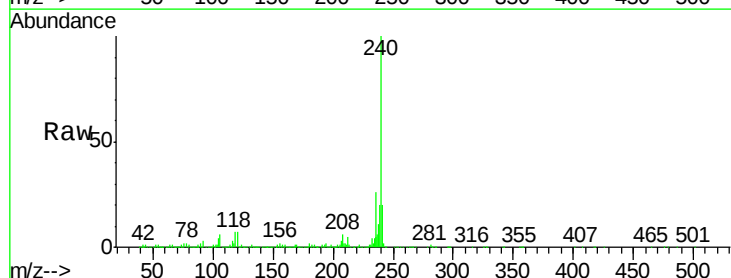
Tgt Ion:240 Resp: 710204

Ion Ratio Lower Upper

240 100

120 7.0 4.1 6.1#

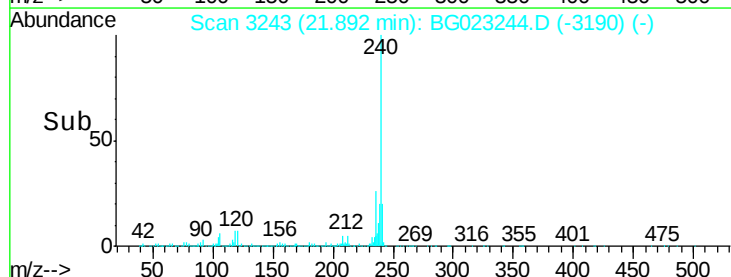
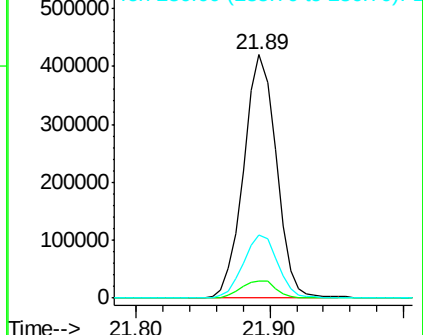
236 26.1 21.1 31.7

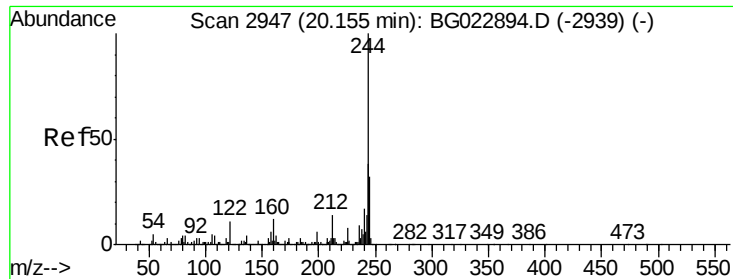


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: -20.00 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.02 min

Lab File: BG023244.D

Acq: 23 Jul 2016 10:14

Instrument :

BNA_G

ClientSampleId :

D-40

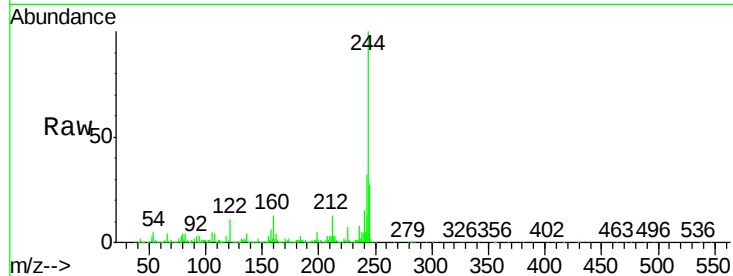
Tgt Ion:244 Resp: 2521657

Ion Ratio Lower Upper

244 100

212 13.3 10.8 16.2

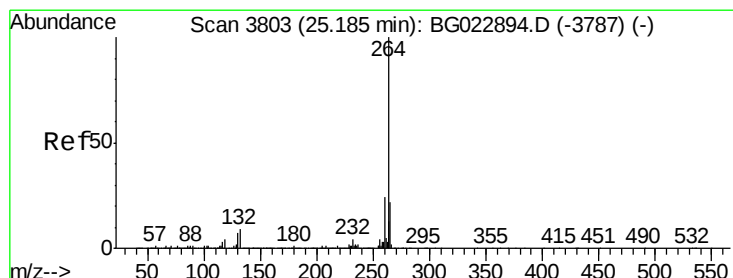
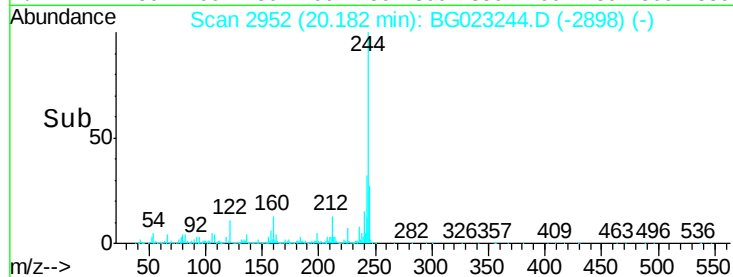
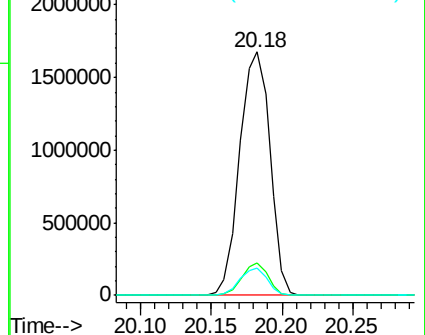
122 11.3 8.0 12.0



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: 25.30 min Scan# 3823

Delta R.T. 0.03 min

Lab File: BG023244.D

Acq: 23 Jul 2016 10:14

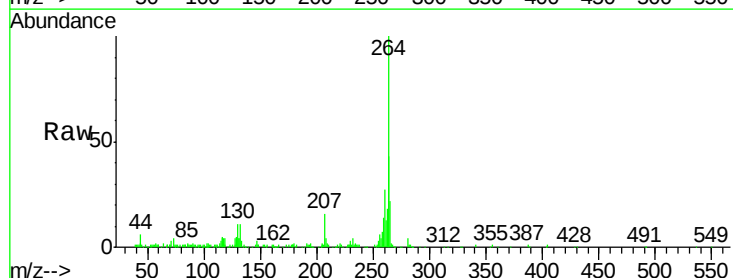
Tgt Ion:264 Resp: 199638

Ion Ratio Lower Upper

264 100

260 27.5 18.4 27.6

265 21.8 18.9 28.3



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

