

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023240.D
 Acq On : 23 Jul 2016 7:32
 Operator : UM/SJ
 Sample : H4133-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-24

Quant Time: Jul 25 01:27:53 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	106383	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	478181	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	301093	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	893370	20.00	ng	0.02
75) Chrysene-d12	21.90	240	889544	20.00	ng	0.02
86) Perylene-d12	25.30	264	371252	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	845584	130.00	ng	0.00
7) Phenol-d6	7.29	99	1149591	112.84	ng	0.00
23) Nitrobenzene-d5	9.32	82	922197	82.58	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	546369	100.97	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	1708318	89.37	ng	0.01
78) Terphenyl-d14	20.18	244	2661067	102.72	ng	0.02

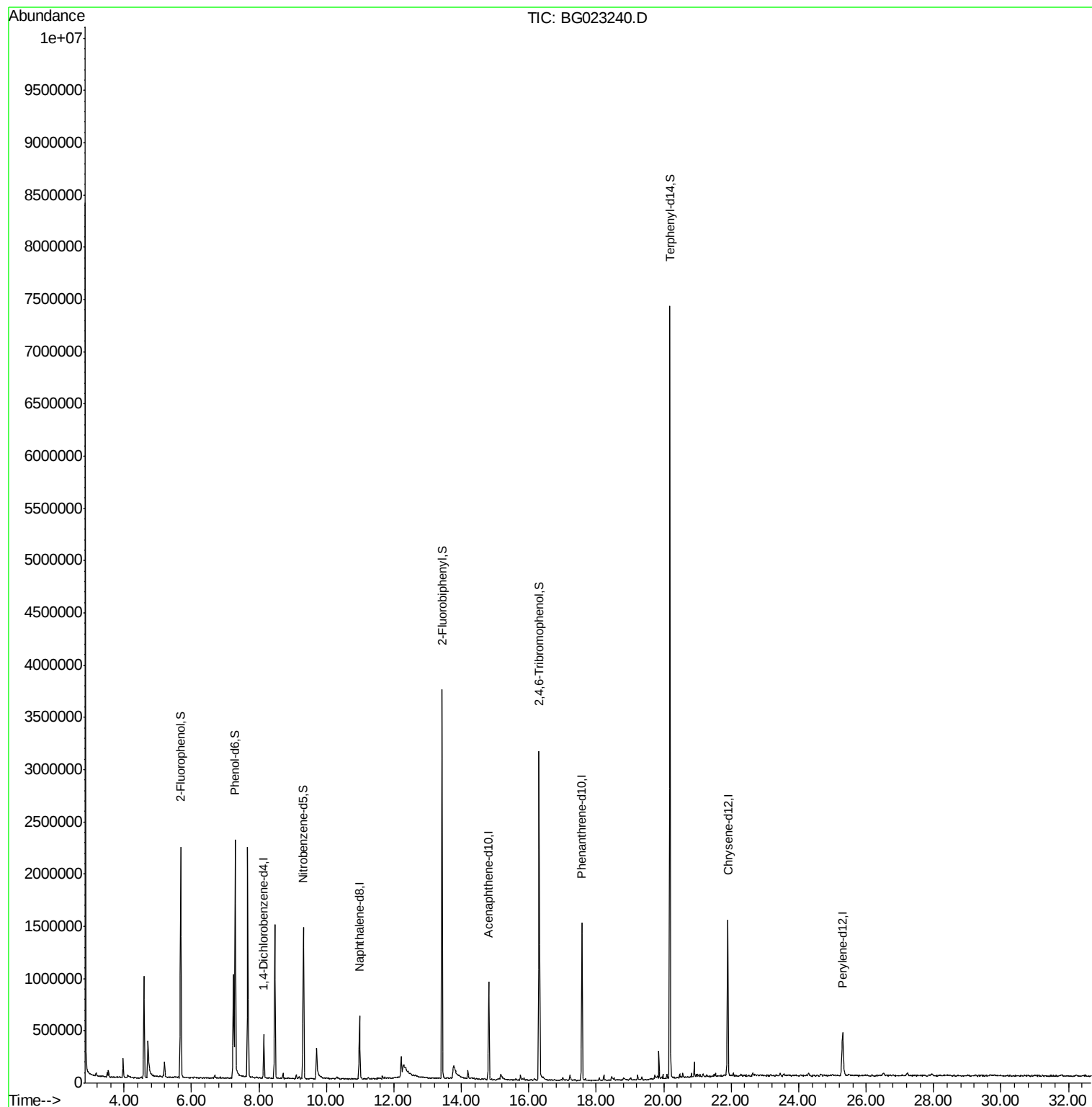
Target Compounds	Qvalue
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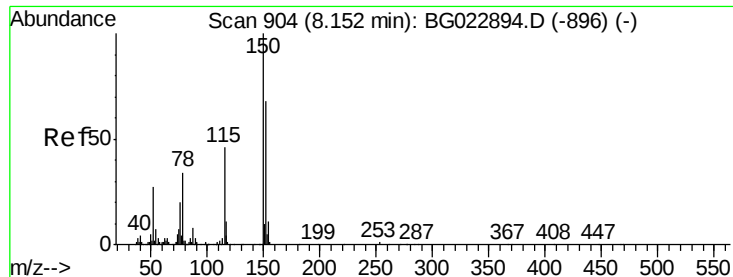
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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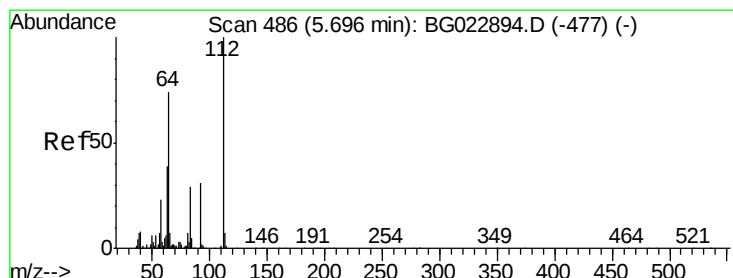
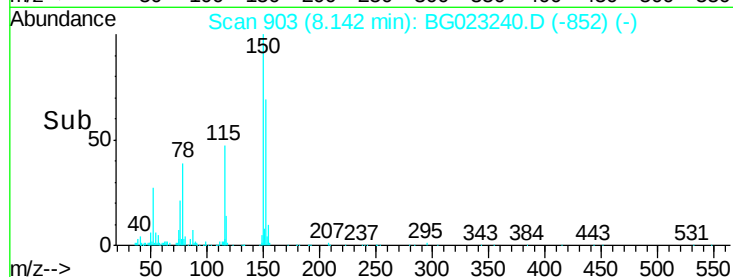
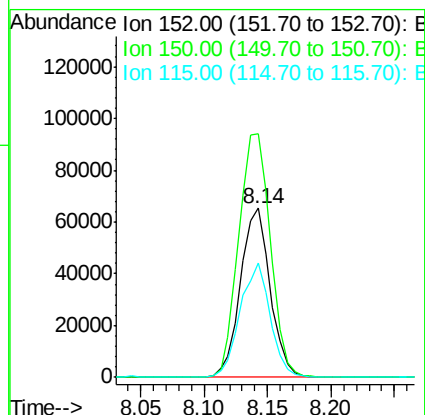
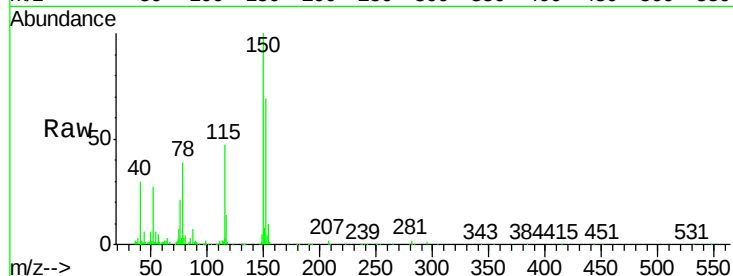


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023240.D
Acq: 23 Jul 2016 7:32

Instrument :
BNA_G
ClientSampleId :
D-24

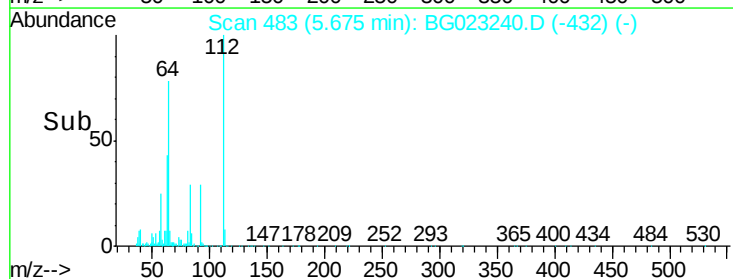
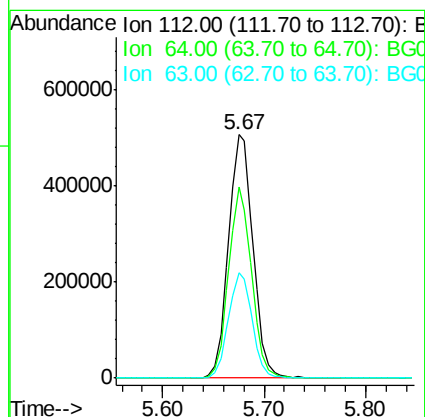
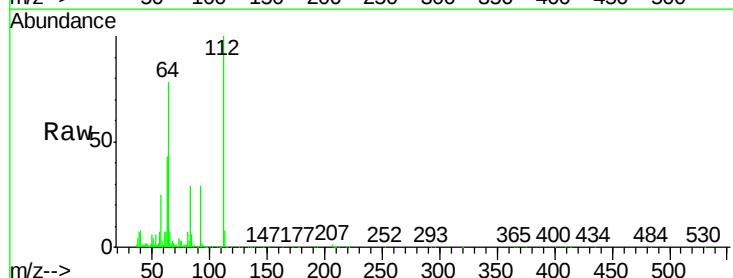
Tgt Ion:152 Resp: 106383
Ion Ratio Lower Upper
152 100
150 144.0 144.7 217.1#
115 68.0 64.0 96.0

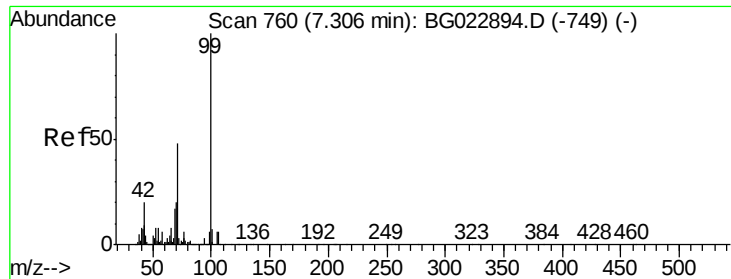


#5

2-Fluorophenol
Concen: 130.00 ng
RT: 5.67 min Scan# 483
Delta R.T. -0.00 min
Lab File: BG023240.D
Acq: 23 Jul 2016 7:32

Tgt Ion:112 Resp: 845584
Ion Ratio Lower Upper
112 100
64 78.4 59.0 88.4
63 43.3 37.8 56.8





#7

Phenol-d6

Concen: 112.84 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023240.D

Acq: 23 Jul 2016 7:32

Instrument :

BNA_G

ClientSampleId :

D-24

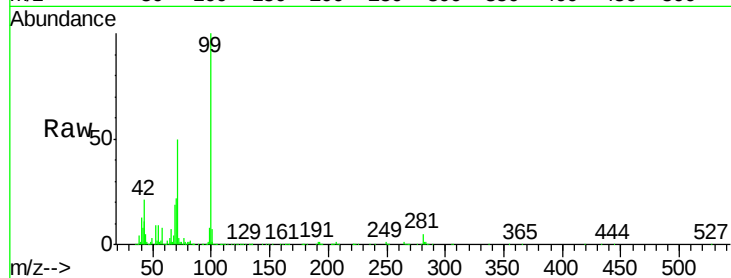
Tgt Ion: 99 Resp: 1149591

Ion Ratio Lower Upper

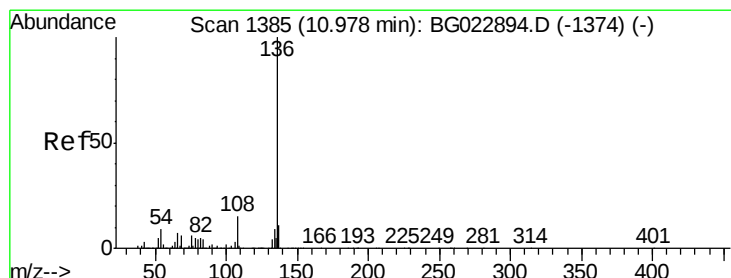
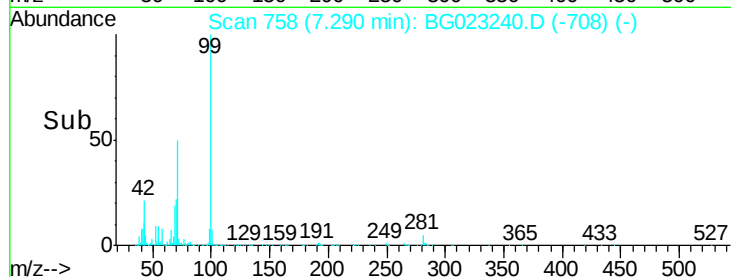
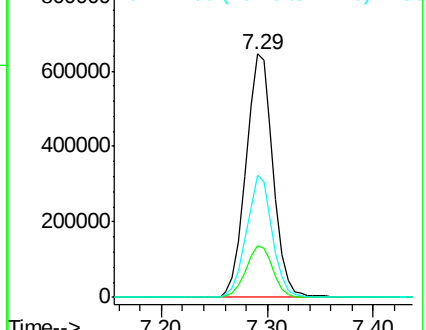
99 100

42 21.4 17.8 26.6

71 50.0 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023240.D

Acq: 23 Jul 2016 7:32

Tgt Ion: 136 Resp: 478181

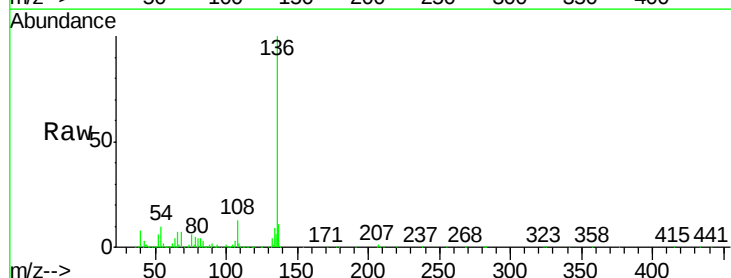
Ion Ratio Lower Upper

136 100

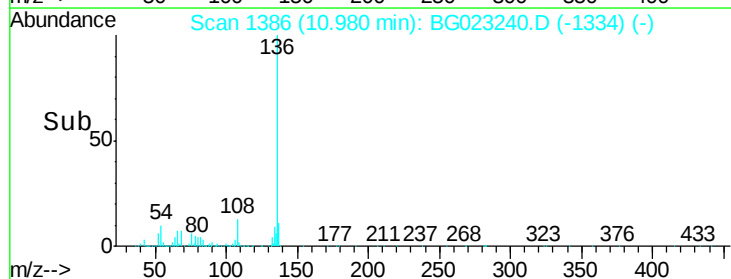
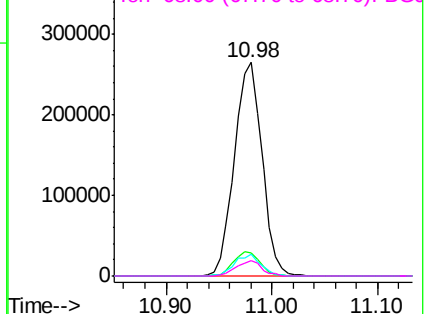
137 11.0 9.6 14.4

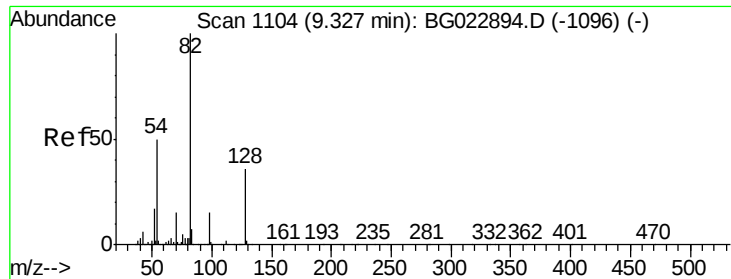
54 10.0 7.3 10.9

68 7.4 5.3 7.9



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

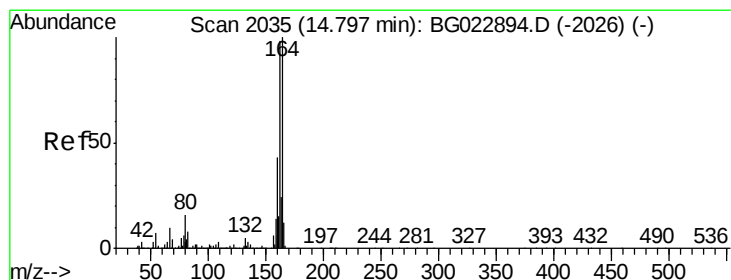
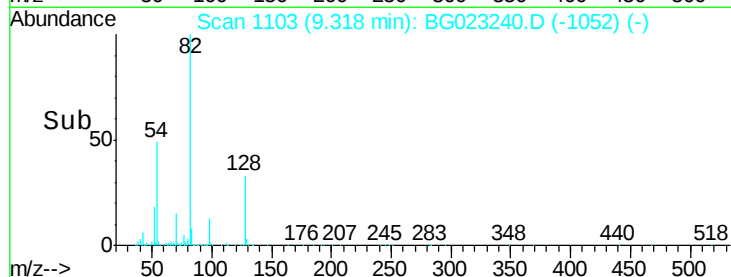
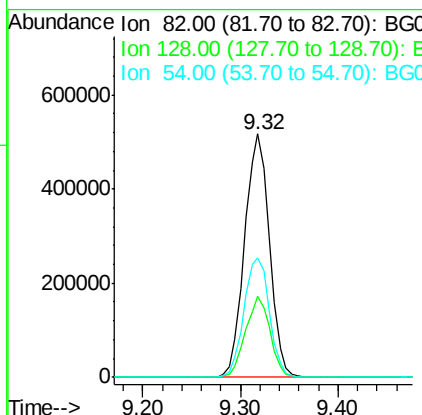
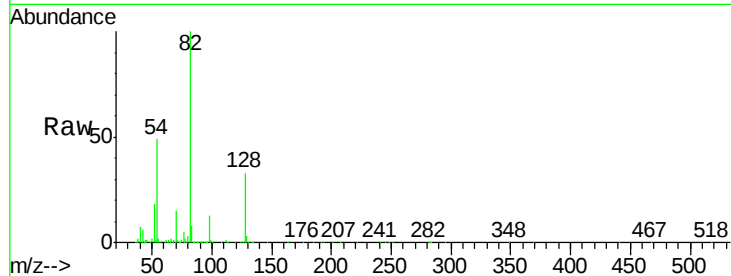




#23
 Nitrobenzene-d5
 Concen: 82.58 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023240.D
 Acq: 23 Jul 2016 7:32

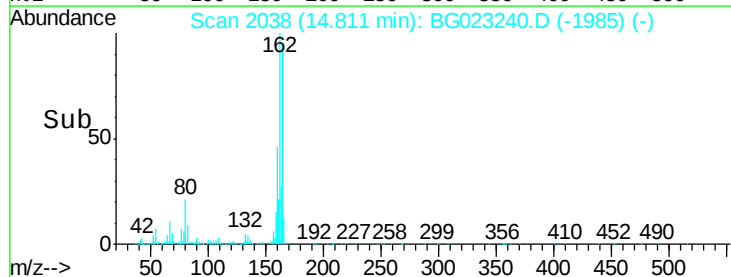
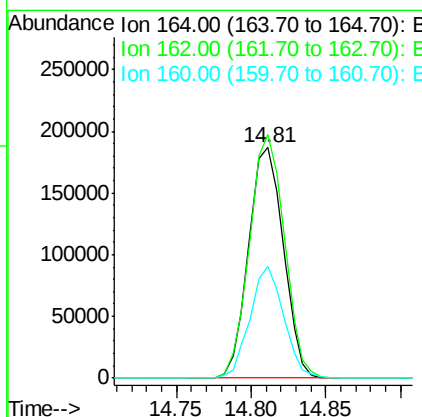
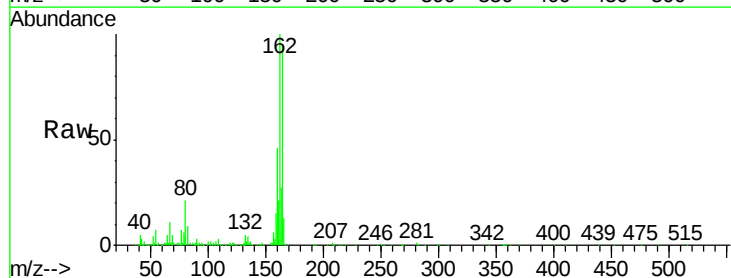
Instrument :
 BNA_G
 ClientSampleId :
 D-24

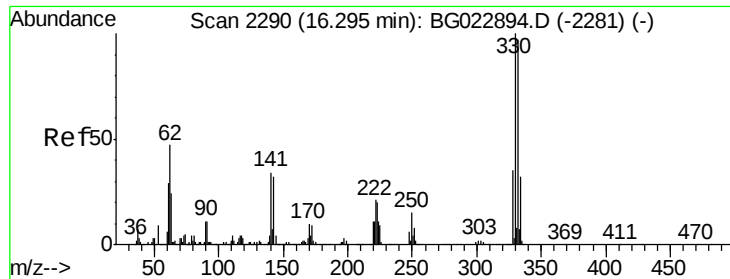
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	24.4	36.6
54	49.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BG023240.D
 Acq: 23 Jul 2016 7:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	87.7	131.5
160	48.3	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 100.97 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BG023240.D

Acq: 23 Jul 2016 7:32

Instrument :

BNA_G

ClientSampleId :

D-24

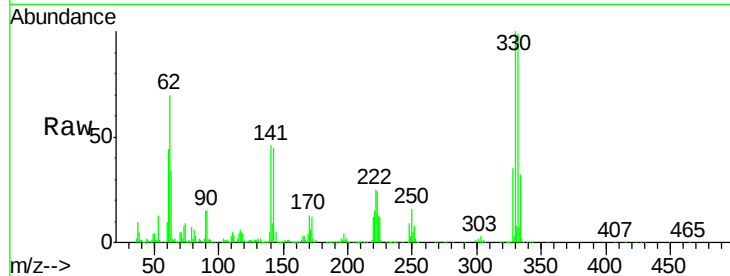
Tgt Ion:330 Resp: 546369

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

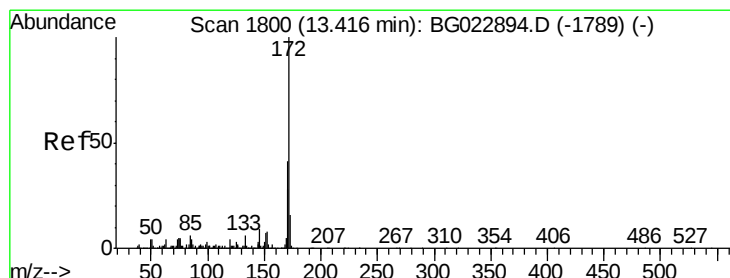
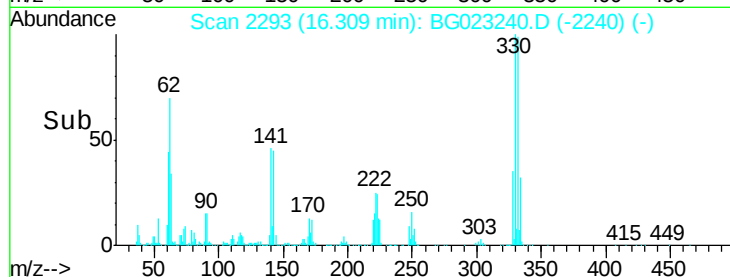
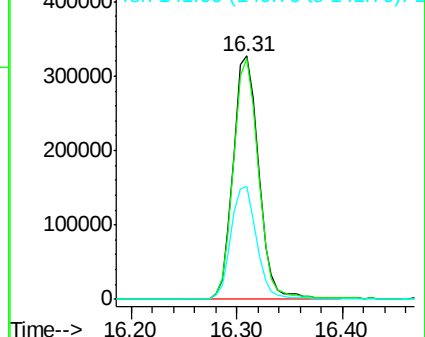
141 46.5 31.7 47.5



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: 89.37 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BG023240.D

Acq: 23 Jul 2016 7:32

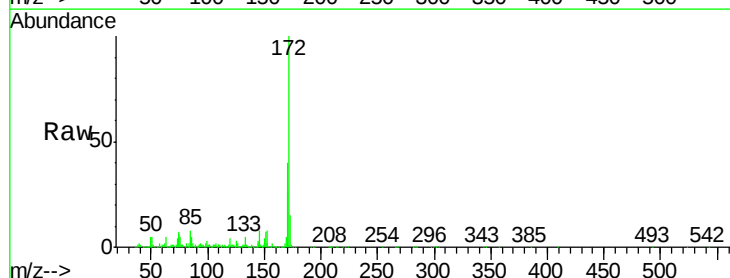
Tgt Ion:172 Resp: 1708318

Ion Ratio Lower Upper

172 100

171 40.5 31.6 47.4

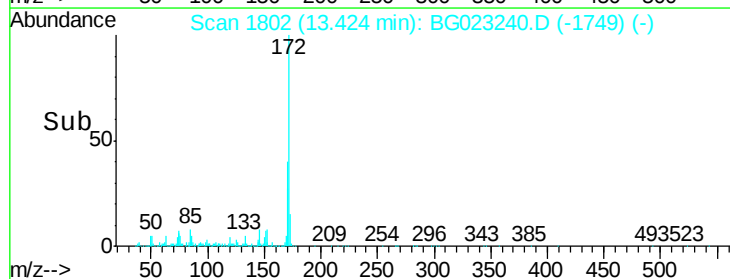
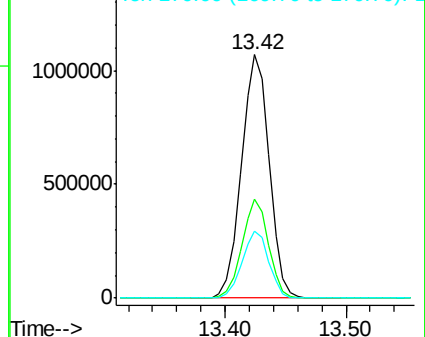
170 27.4 21.3 31.9

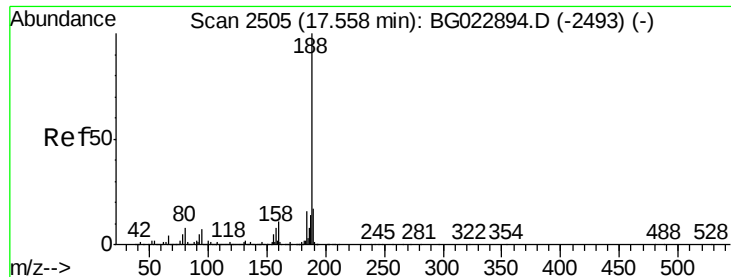


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BG023240.D

Acq: 23 Jul 2016 7:32

Instrument :

BNA_G

ClientSampleId :

D-24

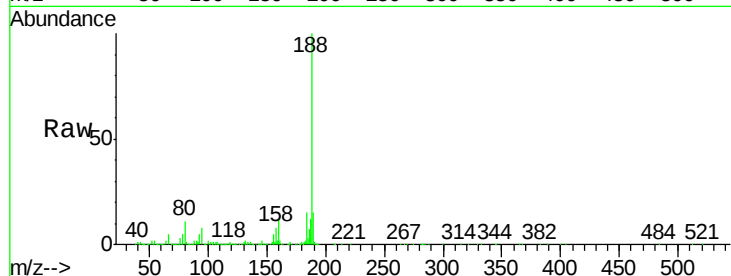
Tgt Ion:188 Resp: 893370

Ion Ratio Lower Upper

188 100

94 8.3 5.2 7.8#

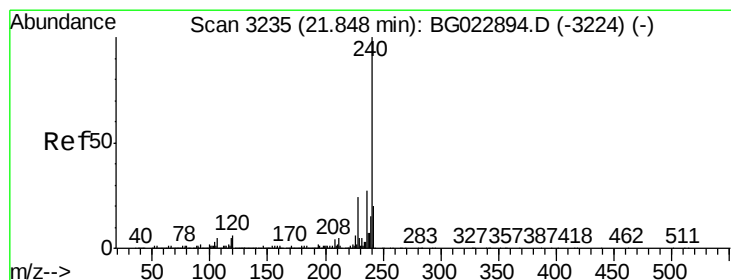
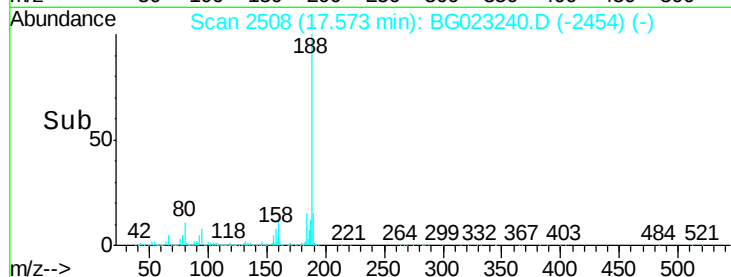
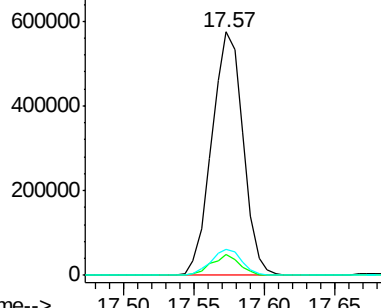
80 10.6 7.2 10.8



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: 21.90 min Scan# 3244

Delta R.T. 0.02 min

Lab File: BG023240.D

Acq: 23 Jul 2016 7:32

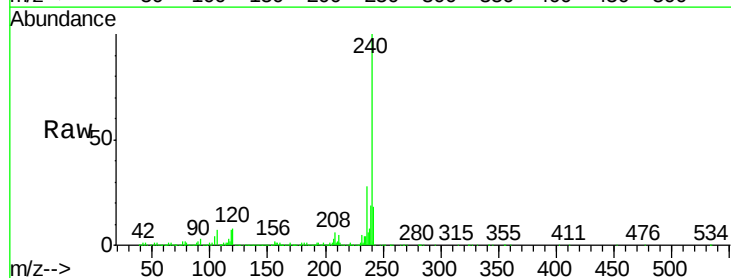
Tgt Ion:240 Resp: 889544

Ion Ratio Lower Upper

240 100

120 7.9 4.1 6.1#

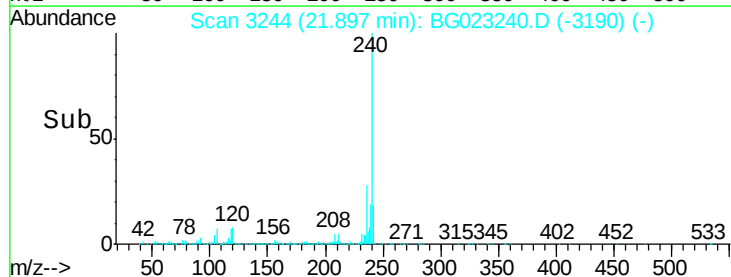
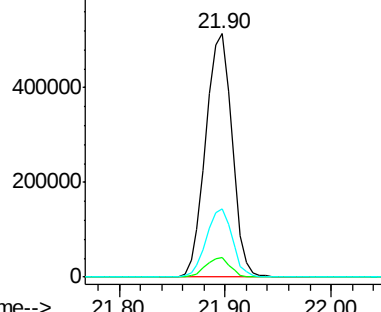
236 27.8 21.1 31.7

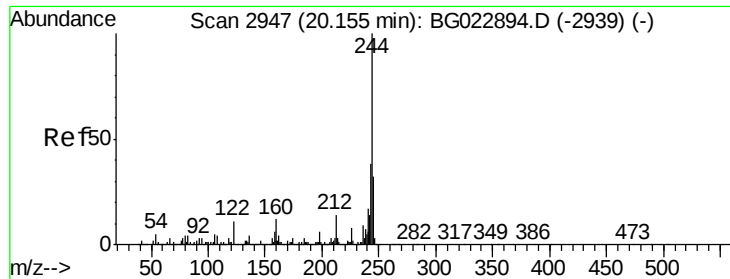


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.72 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.02 min

Lab File: BG023240.D

Acq: 23 Jul 2016 7:32

Instrument :

BNA_G

ClientSampleId :

D-24

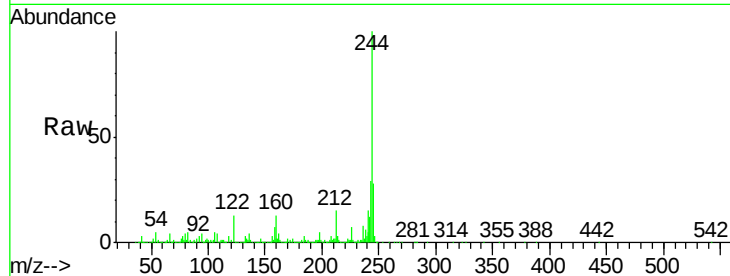
Tgt Ion:244 Resp: 2661067

Ion Ratio Lower Upper

244 100

212 14.6 10.8 16.2

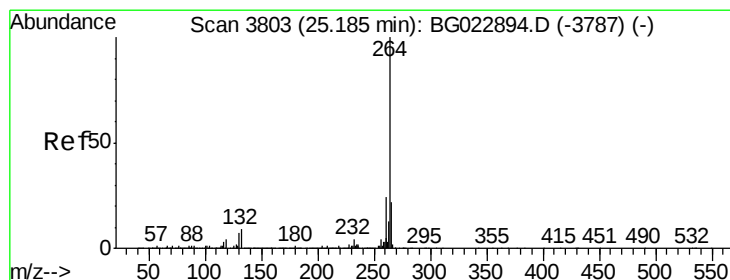
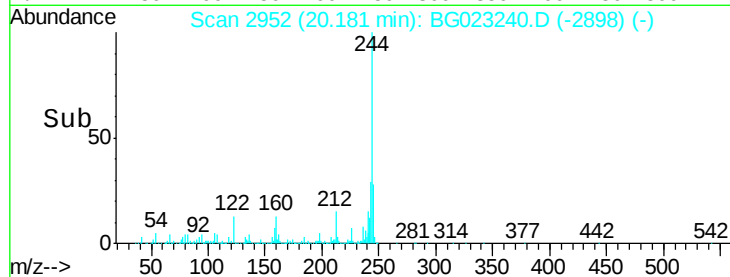
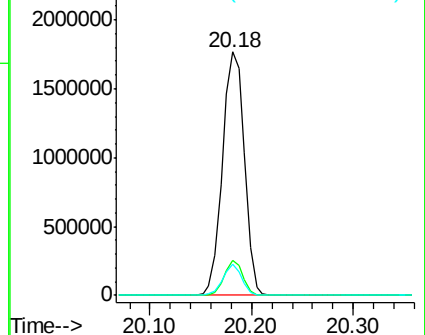
122 12.8 8.0 12.0#



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: BG023240.D

Acq: 23 Jul 2016 7:32

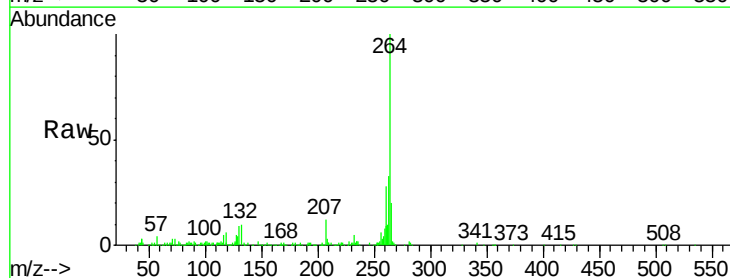
Tgt Ion:264 Resp: 371252

Ion Ratio Lower Upper

264 100

260 27.5 18.4 27.6

265 20.1 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

