

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024542.D
 Acq On : 28 Oct 2016 17:05
 Operator : UM/SJ
 Sample : PB94361TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94361TB

Quant Time: Oct 28 23:43:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	97947	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	380033	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	289059	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	666647	20.00	ng	0.00
75) Chrysene-d12	21.92	240	986249	20.00	ng	0.00
86) Perylene-d12	25.36	264	1061055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	795451	133.11	ng	0.00
7) Phenol-d6	7.40	99	1080997	131.87	ng	0.00
23) Nitrobenzene-d5	9.44	82	773494	92.67	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	494256	114.45	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1547271	88.97	ng	0.00
78) Terphenyl-d14	20.21	244	2819071	85.41	ng	0.00

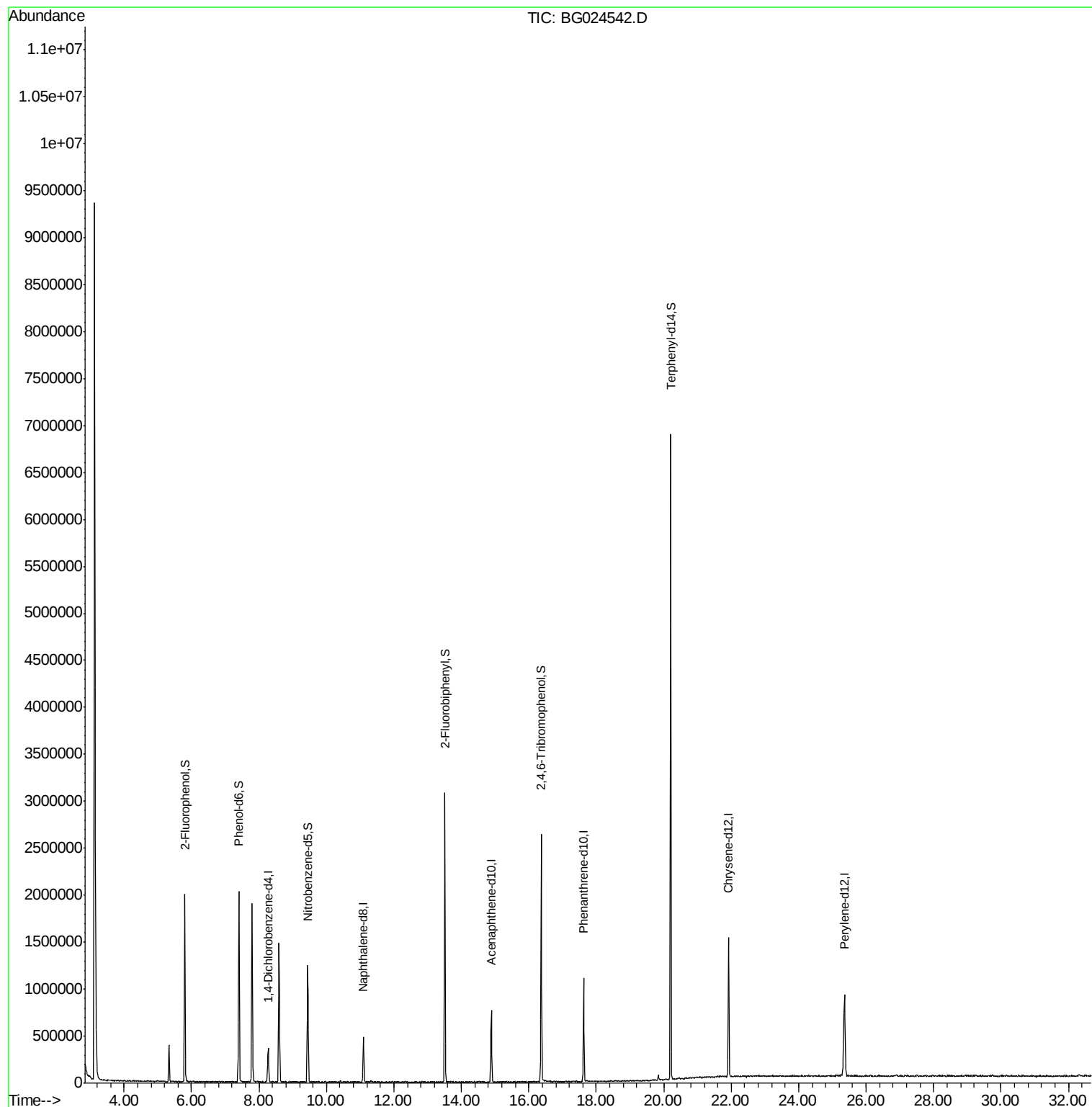
Target Compounds	Qvalue
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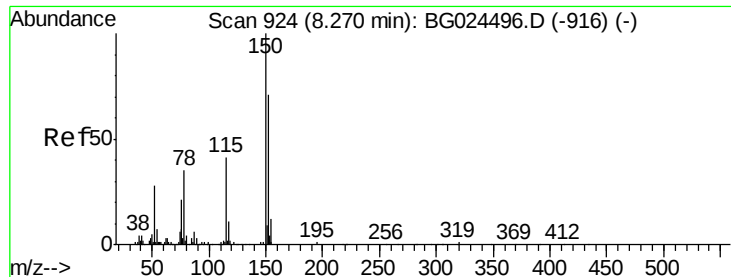
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024542.D

Acq: 28 Oct 2016 17:05

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BNA_G

ClientSampleId :

PB94361TB

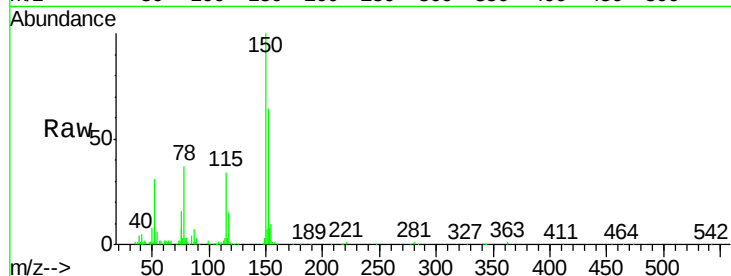
Tgt Ion:152 Resp: 97947

Ion Ratio Lower Upper

152 100

150 155.3 114.0 171.0

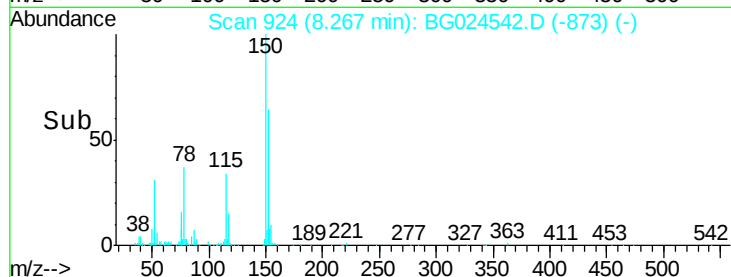
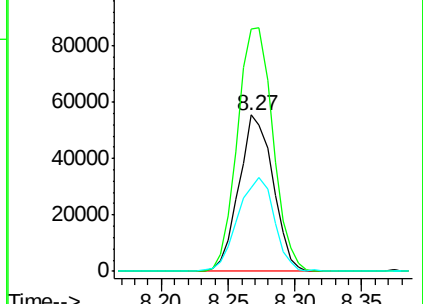
115 53.5 48.1 72.1



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: 133.11 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024542.D

Acq: 28 Oct 2016 17:05

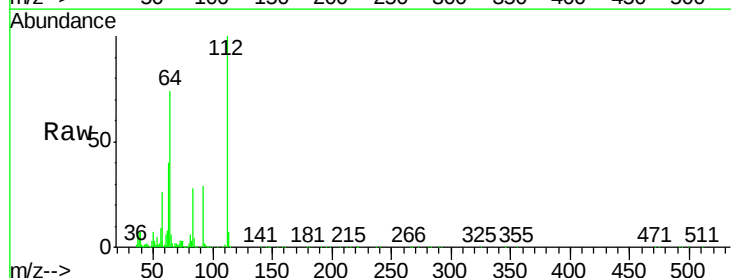
Tgt Ion:112 Resp: 795451

Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

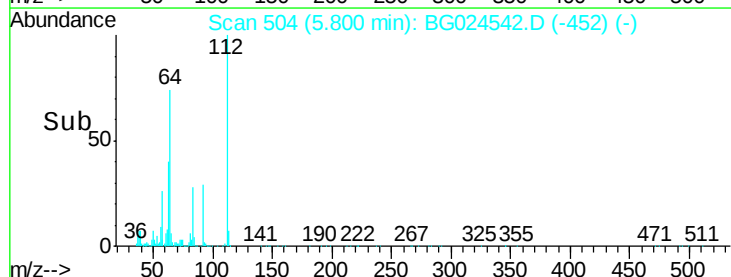
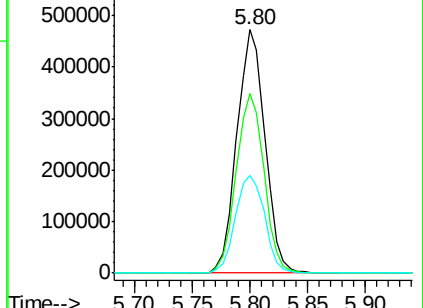
63 40.0 37.2 55.8



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: 131.87 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024542.D

Acq: 28 Oct 2016 17:05

Instrument :

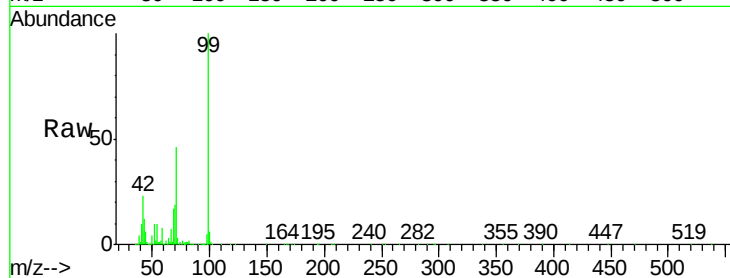
BNA_G

ClientSampleId :

PB94361TB

Tgt Ion: 99 Resp: 1080997

Ion	Ratio	Lower	Upper
99	100		
42	23.3	20.5	30.7
71	46.0	37.6	56.4

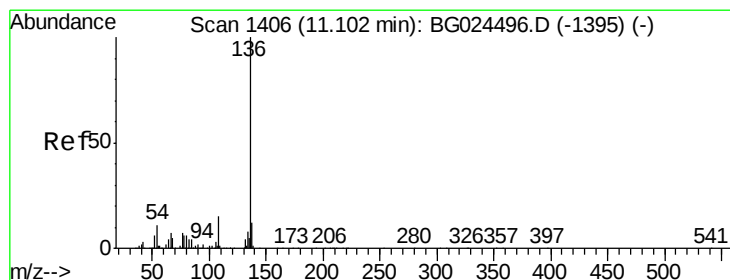
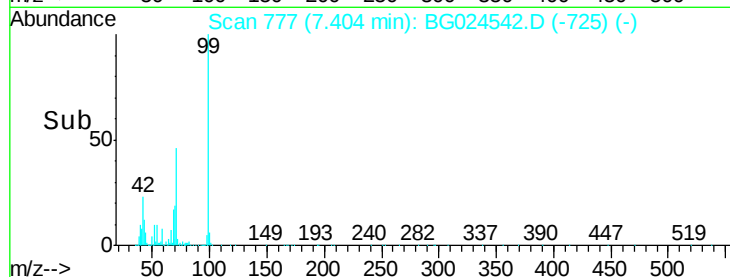
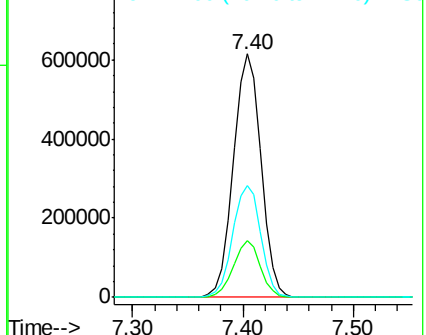


Abundance

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: 11.10 min Scan# 1406

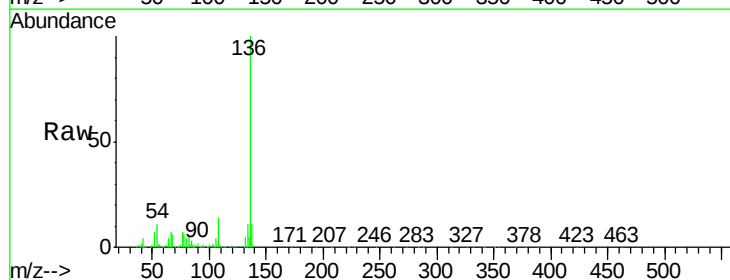
Delta R.T. -0.00 min

Lab File: BG024542.D

Acq: 28 Oct 2016 17:05

Tgt Ion: 136 Resp: 380033

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.7	9.3	13.9
68	5.6	5.1	7.7



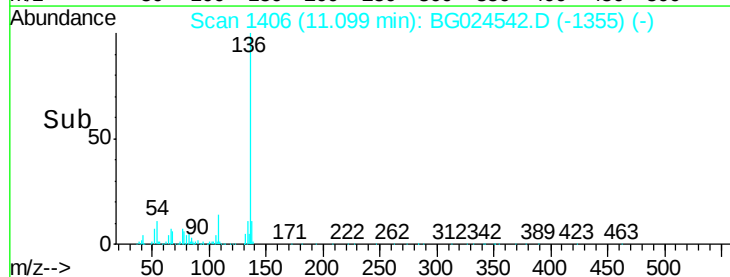
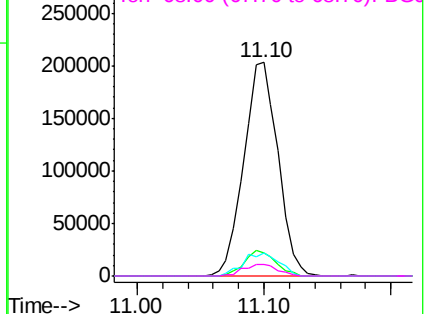
Abundance

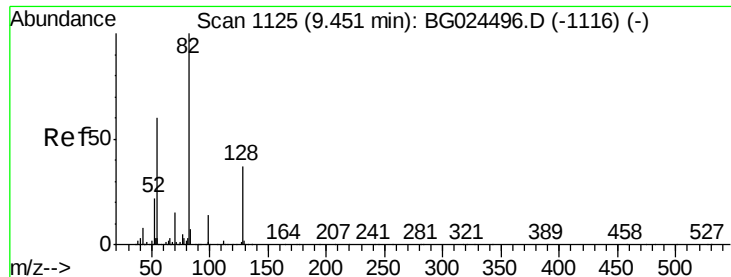
Ion 136.00 (135.70 to 136.70): BGC

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

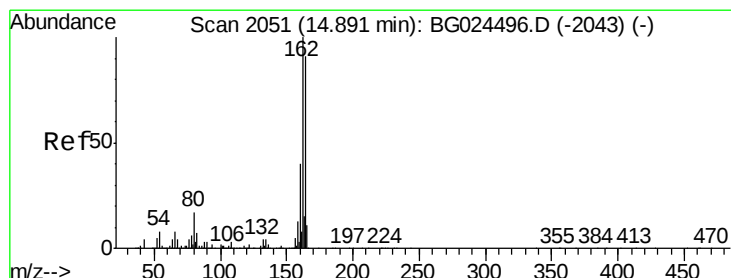
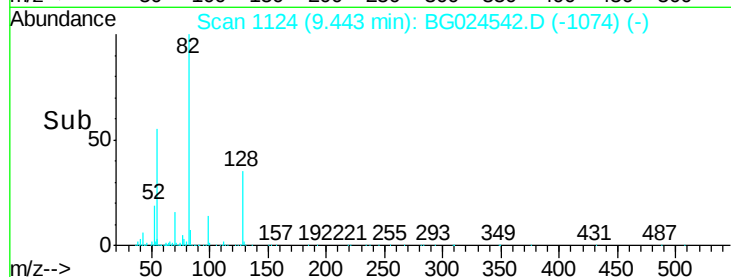
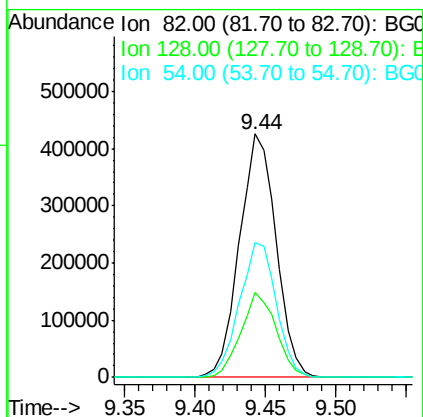
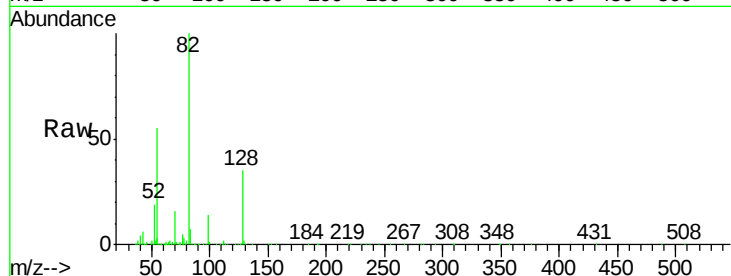




#23
 Nitrobenzene-d5
 Concen: 92.67 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024542.D
 Acq: 28 Oct 2016 17:05

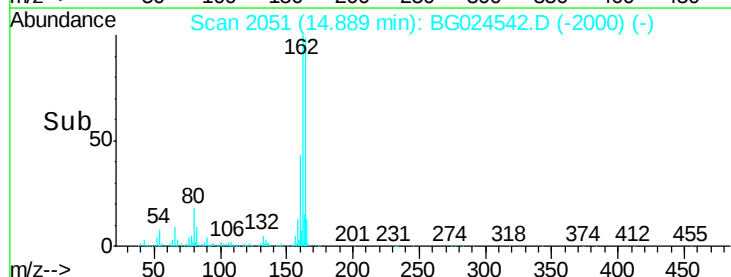
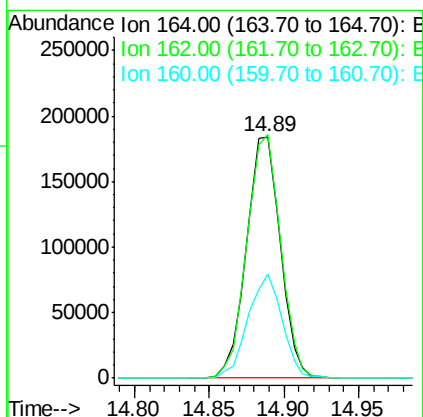
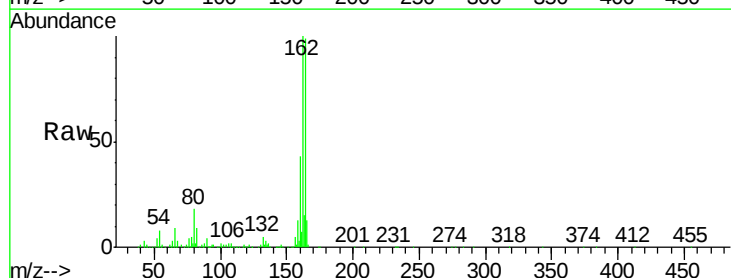
Instrument :
 BNA_G
 ClientSampled :
 PB94361TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.4	39.6
54	55.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024542.D
 Acq: 28 Oct 2016 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	85.1	127.7
160	43.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 114.45 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024542.D

Acq: 28 Oct 2016 17:05

Instrument :

BNA_G

ClientSampleId :

PB94361TB

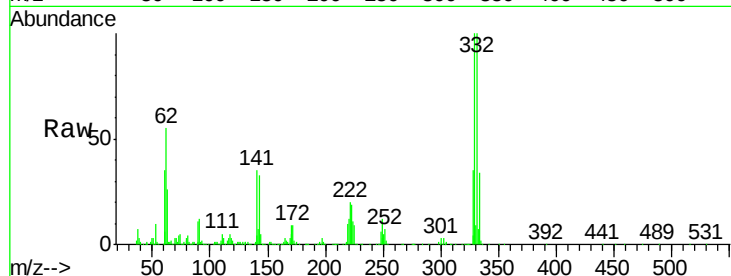
Tgt Ion:330 Resp: 494256

Ion Ratio Lower Upper

330 100

332 98.9 77.3 115.9

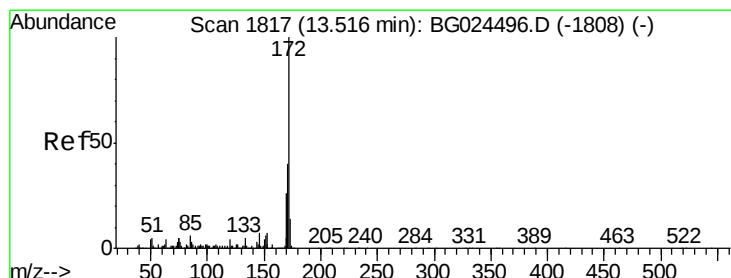
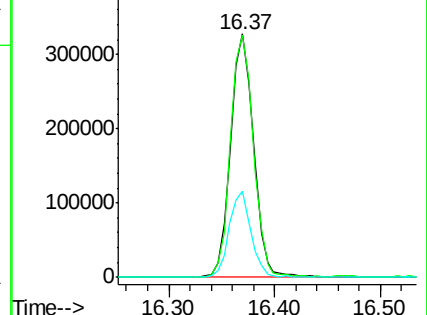
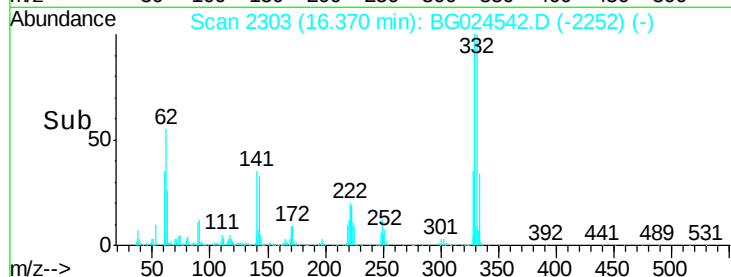
141 33.3 32.1 48.1



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: 88.97 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG024542.D

Acq: 28 Oct 2016 17:05

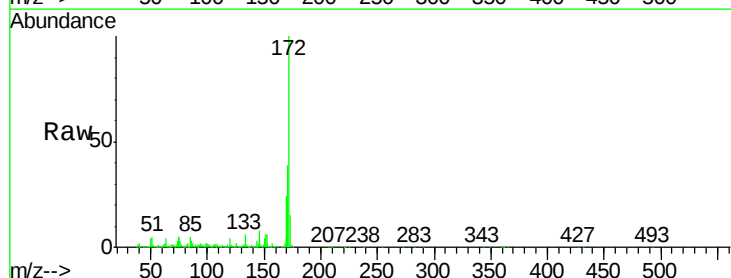
Tgt Ion:172 Resp: 1547271

Ion Ratio Lower Upper

172 100

171 38.6 32.2 48.2

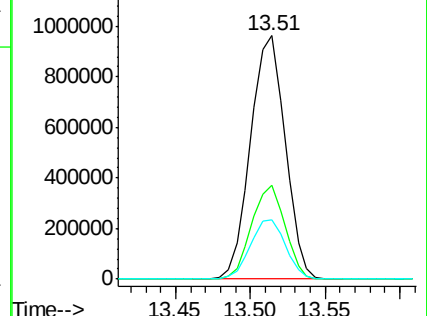
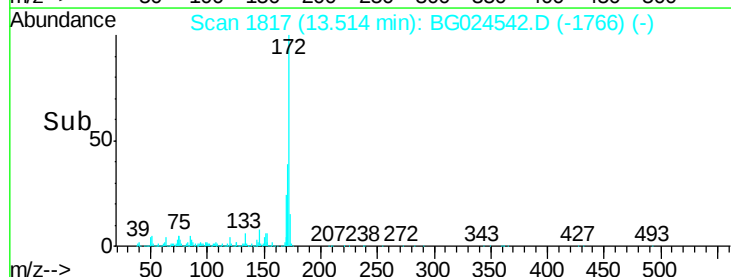
170 24.4 21.8 32.6

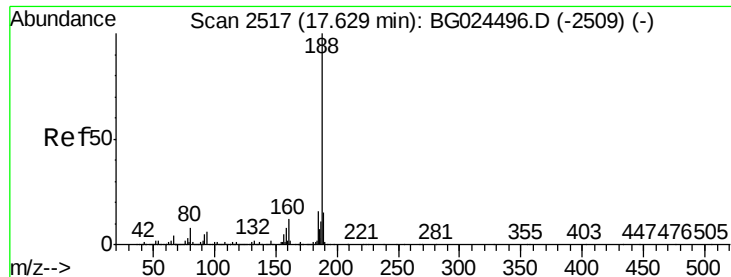


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

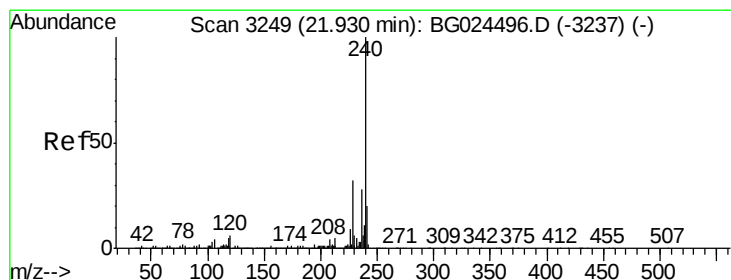
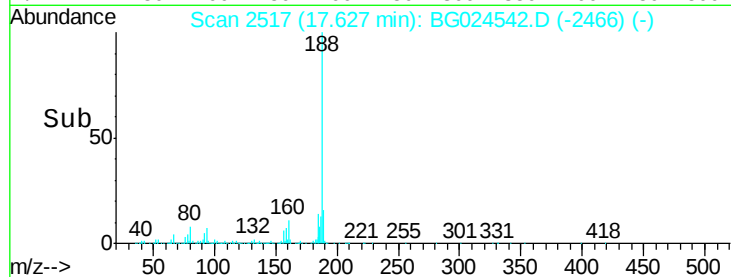
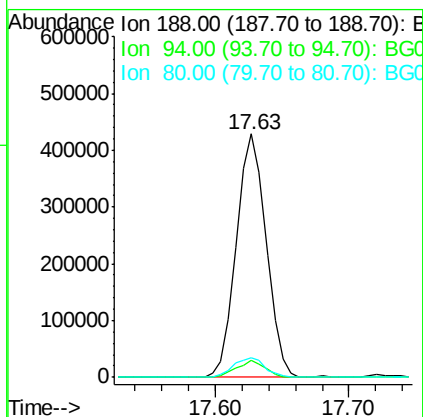
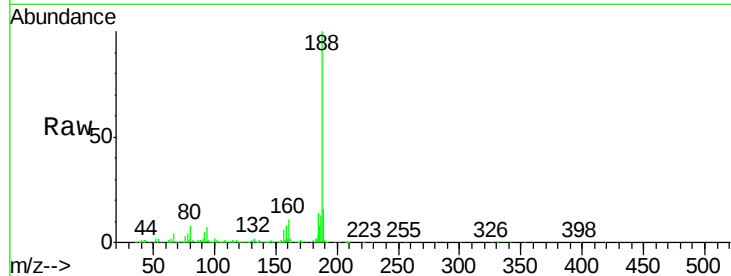




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024542.D
Acq: 28 Oct 2016 17:05

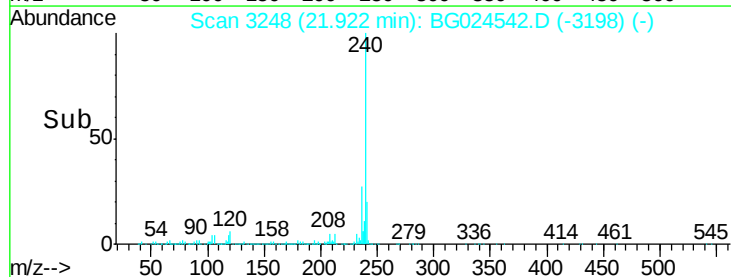
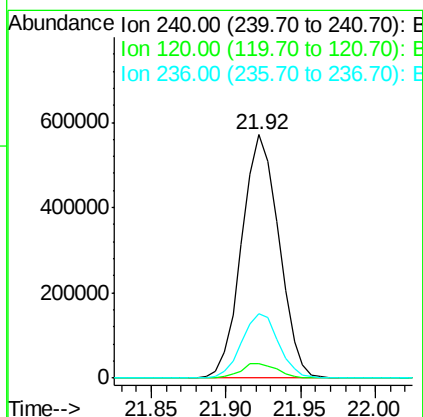
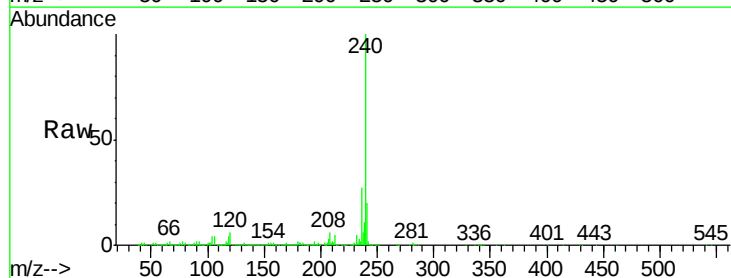
Instrument :
BNA_G
ClientSampleId :
PB94361TB

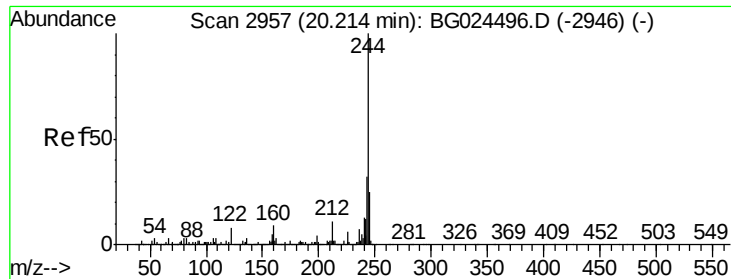
Tgt Ion:188 Resp: 666647
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 8.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024542.D
Acq: 28 Oct 2016 17:05

Tgt Ion:240 Resp: 986249
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 26.6 22.2 33.4





#78

Terphenyl-d14

Concen: 85.41 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024542.D

Acq: 28 Oct 2016 17:05

Instrument :

BNA_G

ClientSampleId :

PB94361TB

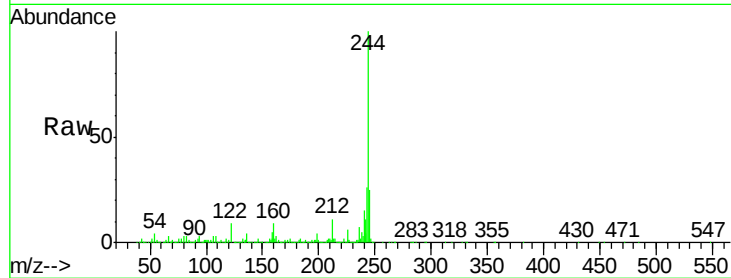
Tgt Ion:244 Resp: 2819071

Ion Ratio Lower Upper

244 100

212 11.0 10.0 15.0

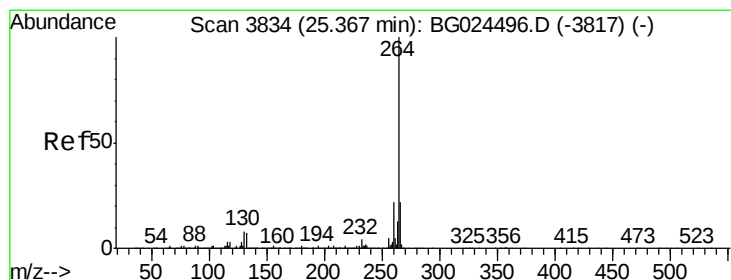
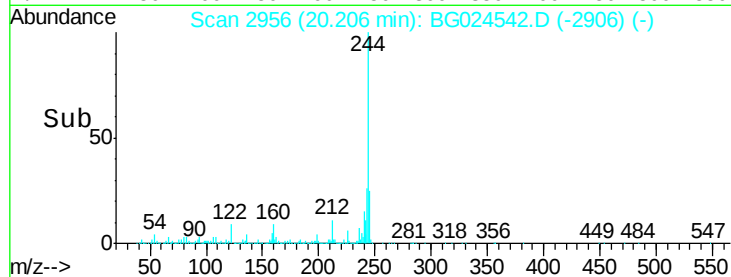
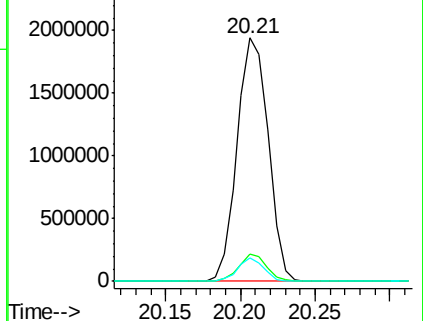
122 9.5 8.6 12.8



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: 25.36 min Scan# 3833

Delta R.T. -0.01 min

Lab File: BG024542.D

Acq: 28 Oct 2016 17:05

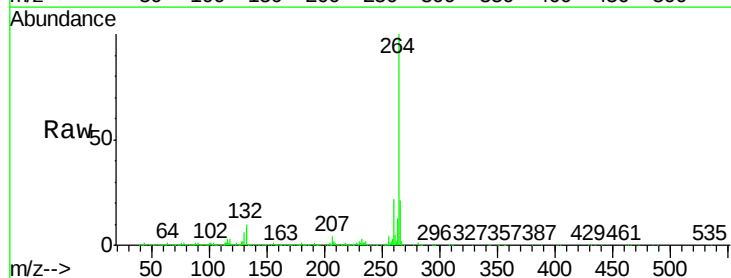
Tgt Ion:264 Resp: 1061055

Ion Ratio Lower Upper

264 100

260 21.7 21.8 32.8#

265 21.3 18.2 27.4



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

