

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022949.D
 Acq On : 9 Jul 2016 3:26
 Operator : UM/SJ
 Sample : H3936-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-4

Quant Time: Jul 09 05:31:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96877	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	458117	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	360646	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	869919	20.00	ng	0.00
75) Chrysene-d12	21.84	240	936503	20.00	ng	0.00
86) Perylene-d12	25.21	264	952245	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	249523	42.13	ng	0.00
7) Phenol-d6	7.31	99	257079	27.71	ng	0.00
23) Nitrobenzene-d5	9.33	82	612914	57.29	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	544077	83.94	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1459499	63.74	ng	0.00
78) Terphenyl-d14	20.15	244	2294900	73.96	ng	0.00

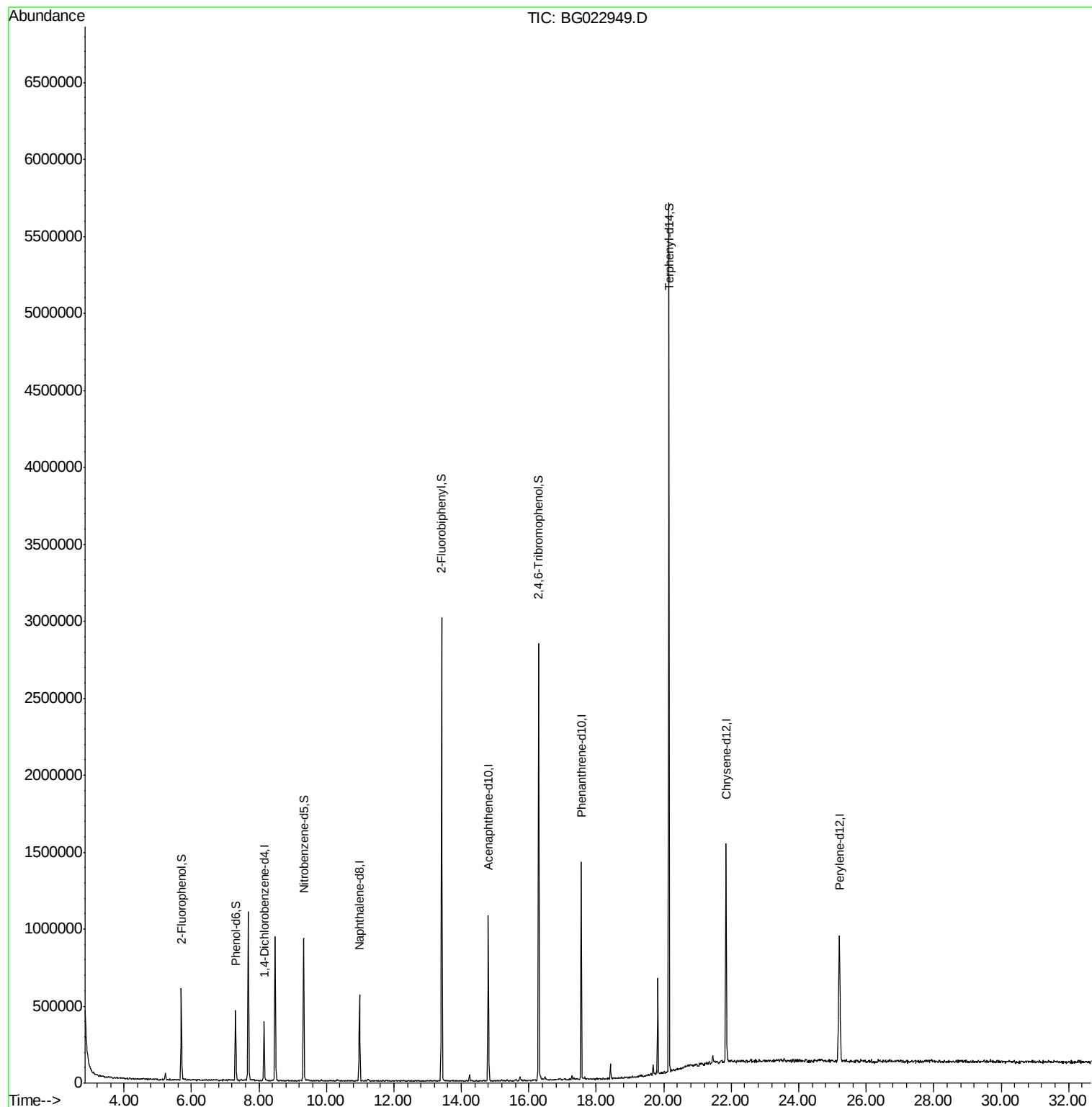
Target Compounds Qvalue

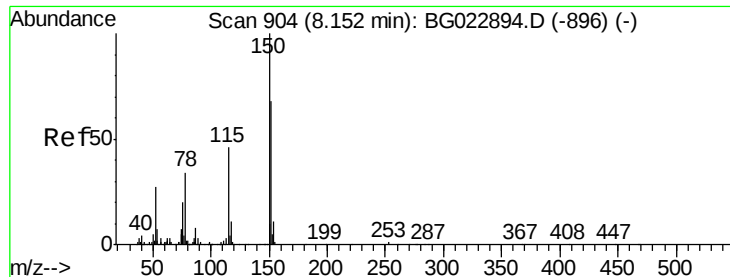
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

Instrument :

BNA_G

ClientSampleId :

TW-4

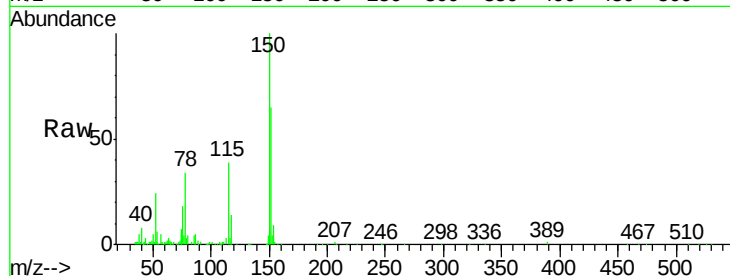
Tot Ion:152 Resp: 96877

Ion Ratio Lower Upper

152 100

150 153.4 144.7 217.1

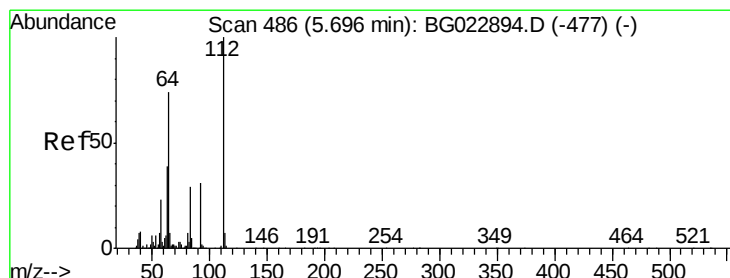
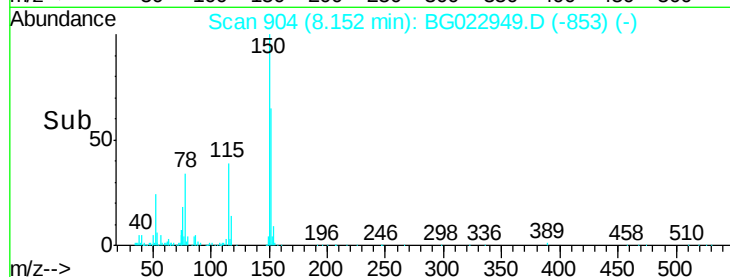
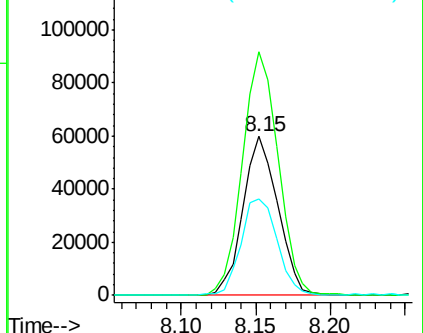
115 60.4 64.0 96.0#



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: 42.13 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

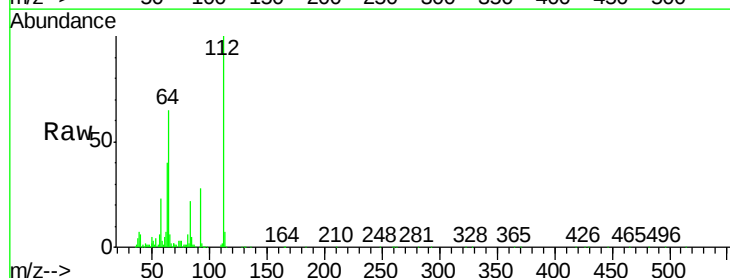
Tgt Ion:112 Resp: 249523

Ion Ratio Lower Upper

112 100

64 64.7 59.0 88.4

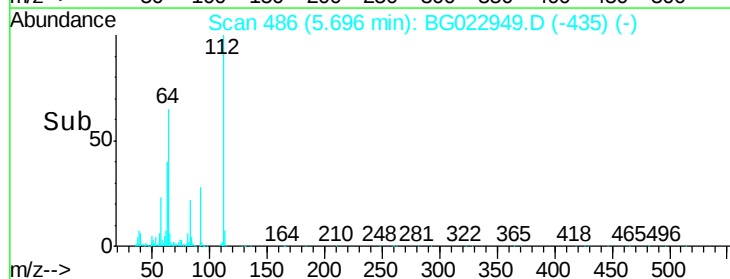
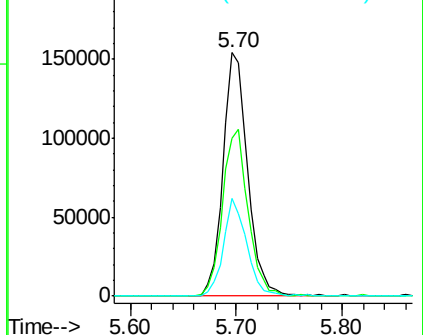
63 39.9 37.8 56.8

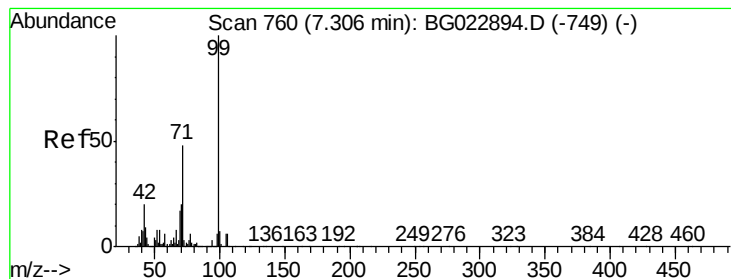


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.71 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

Instrument :

BNA_G

ClientSampleId :

TW-4

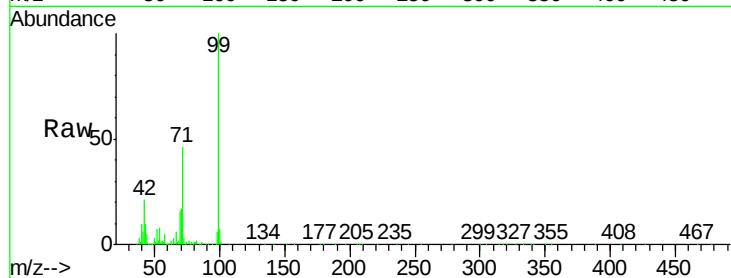
Tot Ion: 99 Resp: 257079

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 45.6 41.5 62.3

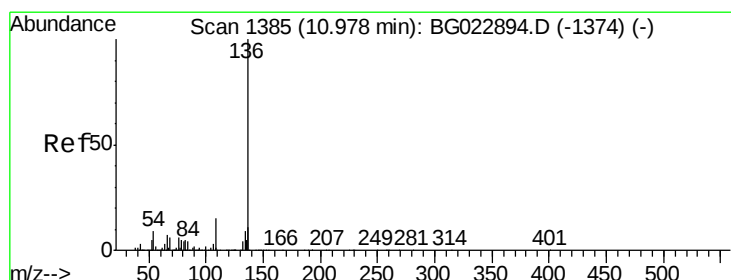
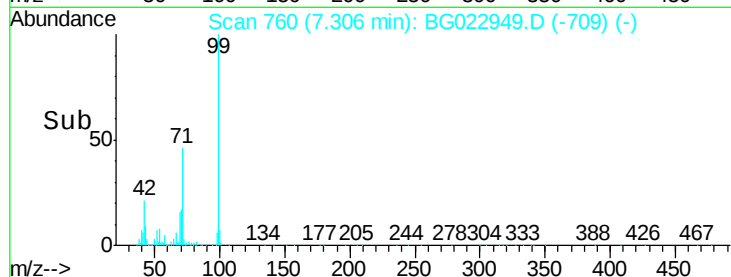
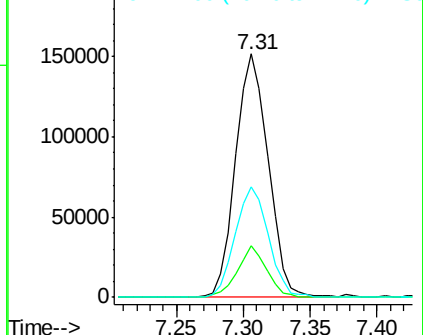


Abundance

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. 0.01 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

Tgt Ion: 136 Resp: 458117

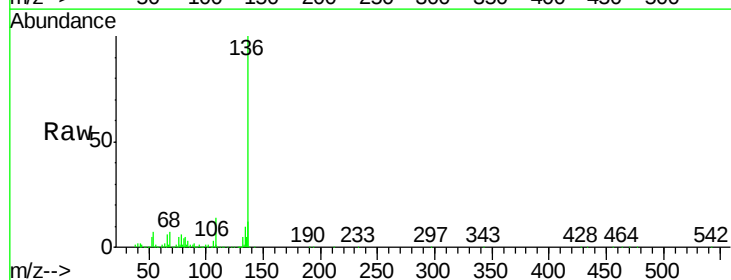
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 7.3 7.3 10.9

68 7.4 5.3 7.9



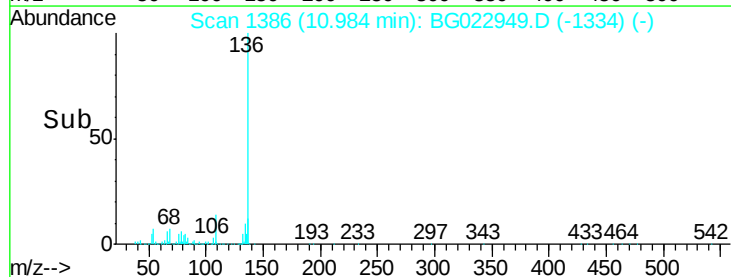
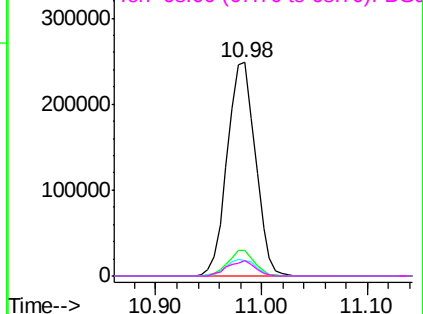
Abundance

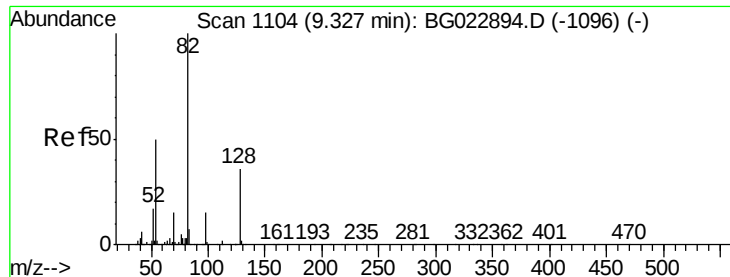
Ion 136.00 (135.70 to 136.70): BGC

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: 57.29 ng

RT: 9.33 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

Instrument :

BNA_G

ClientSampleId :

TW-4

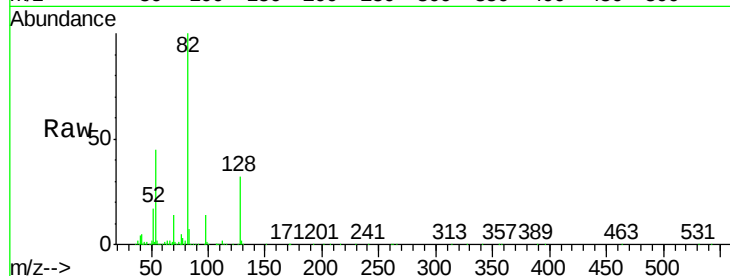
Tot Ion: 82 Resp: 612914

Ion Ratio Lower Upper

82 100

128 31.8 24.4 36.6

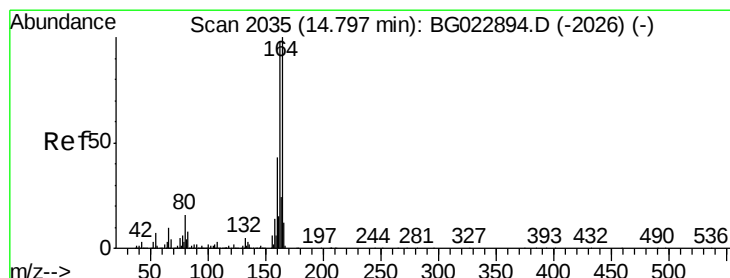
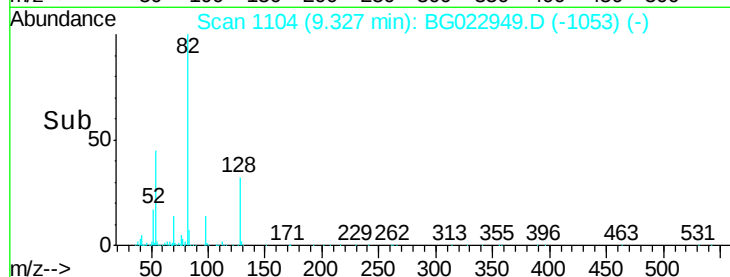
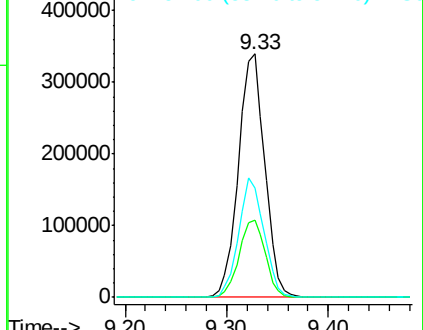
54 45.1 41.4 62.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

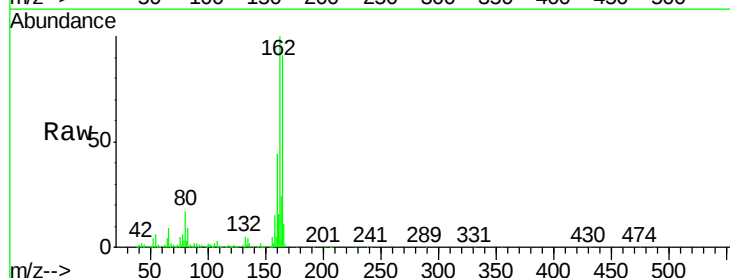
Tgt Ion: 164 Resp: 360646

Ion Ratio Lower Upper

164 100

162 110.4 87.7 131.5

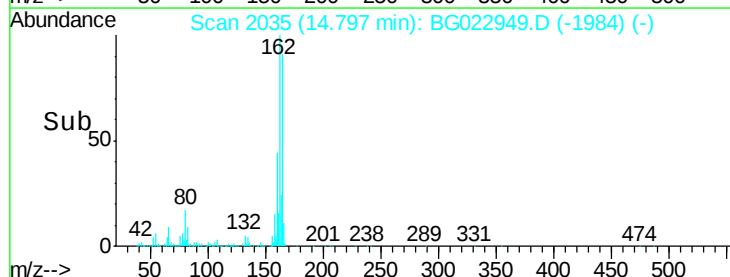
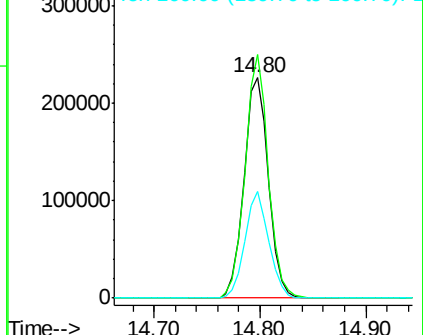
160 48.1 37.2 55.8

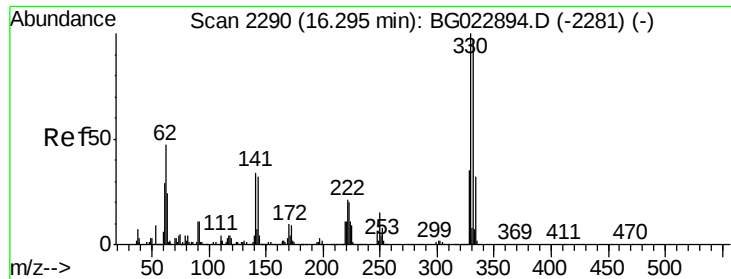


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 83.94 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

Instrument :

BNA_G

ClientSampleId :

TW-4

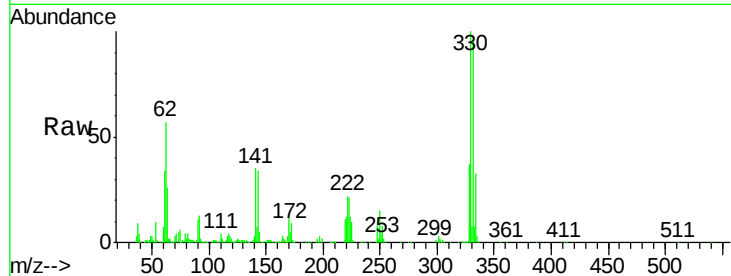
Tot Ion:330 Resp: 544077

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

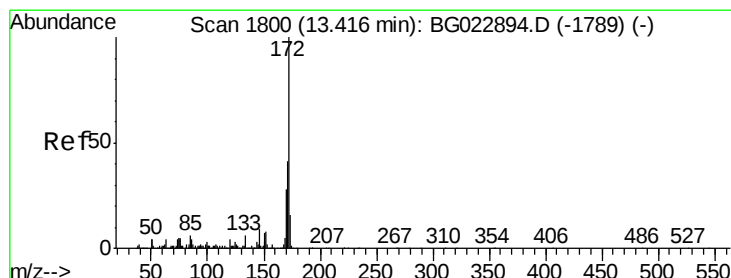
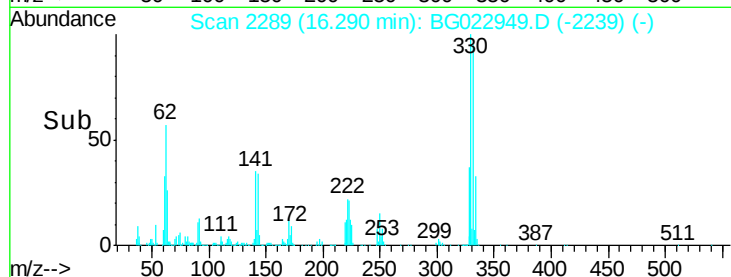
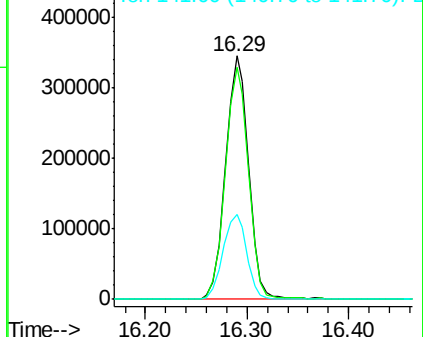
141 36.3 31.7 47.5



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: 63.74 ng

RT: 13.42 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

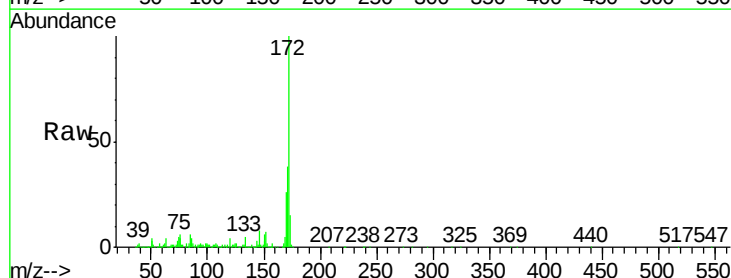
Tgt Ion:172 Resp: 1459499

Ion Ratio Lower Upper

172 100

171 38.1 31.6 47.4

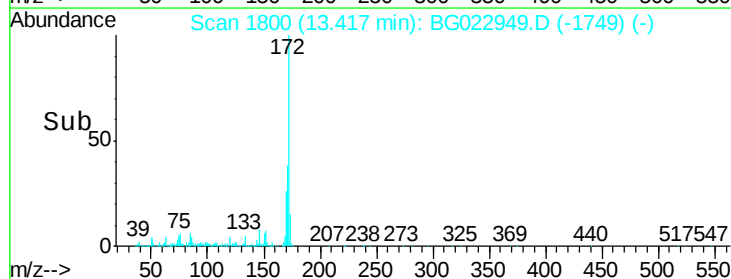
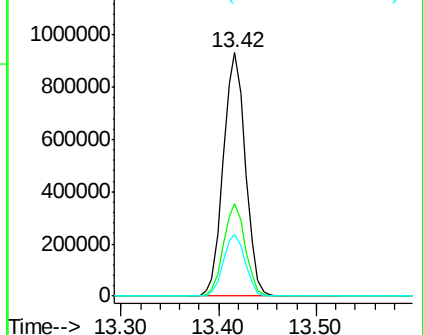
170 25.6 21.3 31.9

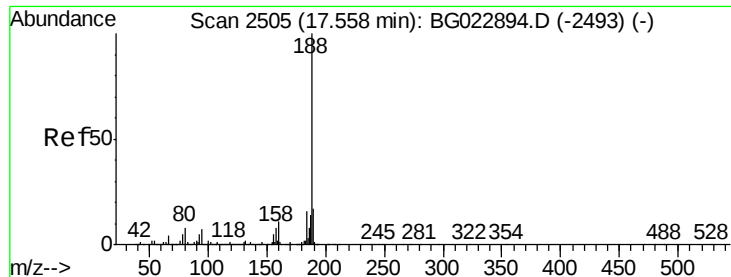


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

Instrument :

BNA_G

ClientSampleId :

TW-4

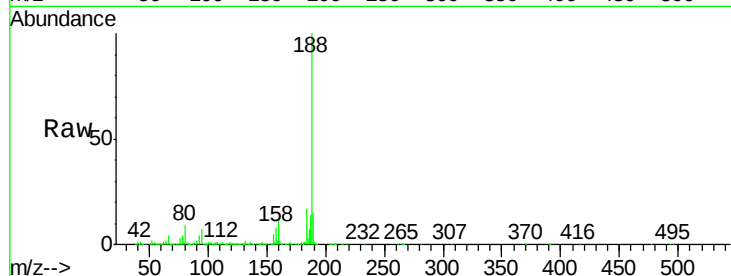
Tot Ion:188 Resp: 869919

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

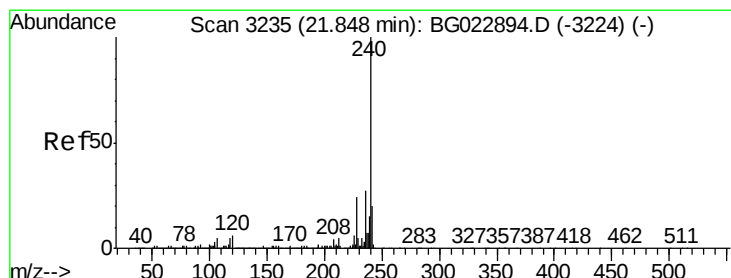
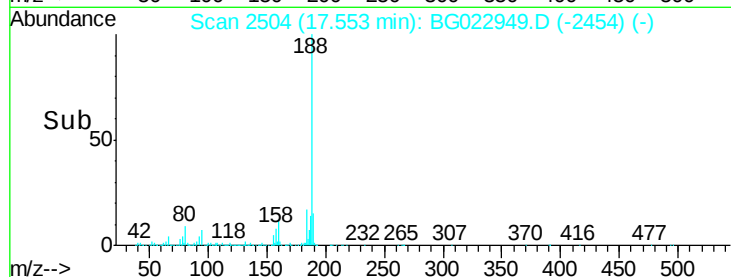
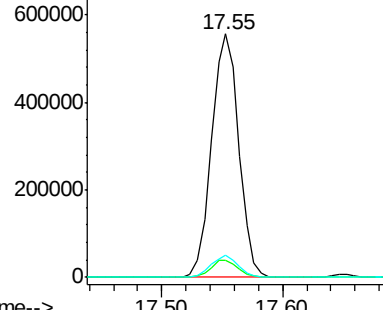
80 9.3 7.2 10.8



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: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

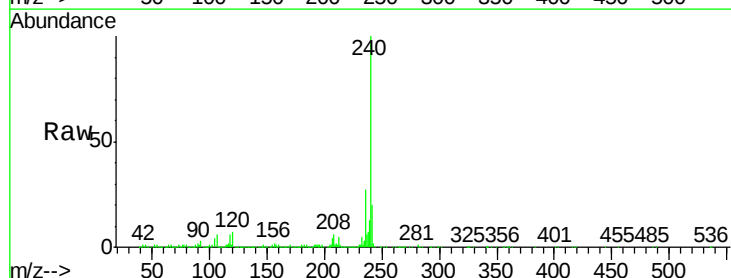
Tgt Ion:240 Resp: 936503

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

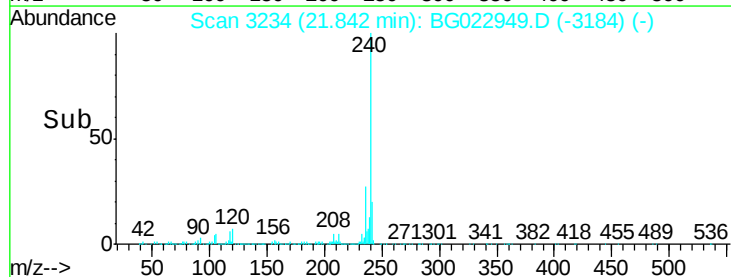
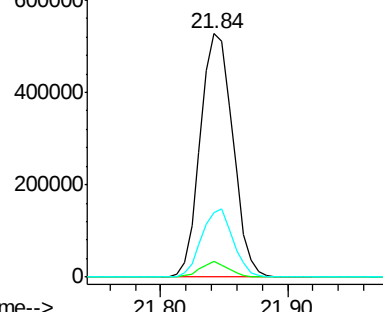
236 26.5 21.1 31.7

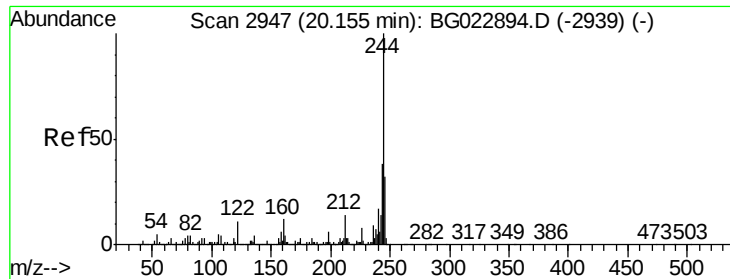


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.96 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

Instrument :

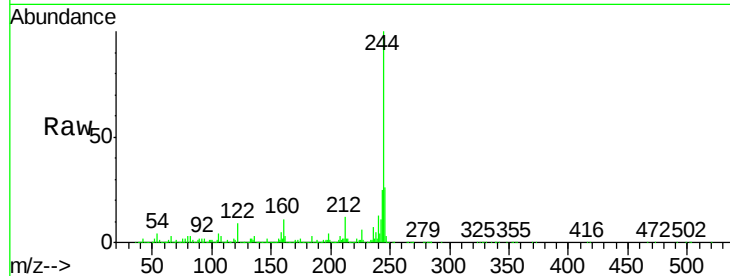
BNA_G

ClientSampleId :

TW-4

Tot Ion:244 Resp: 2294900

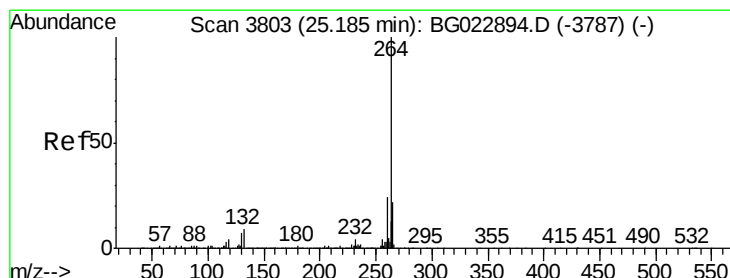
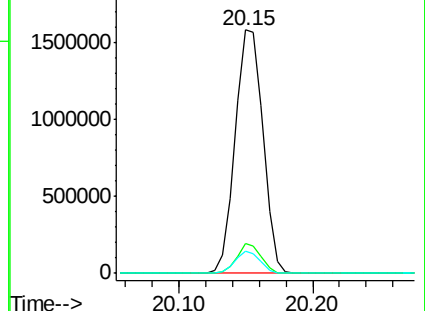
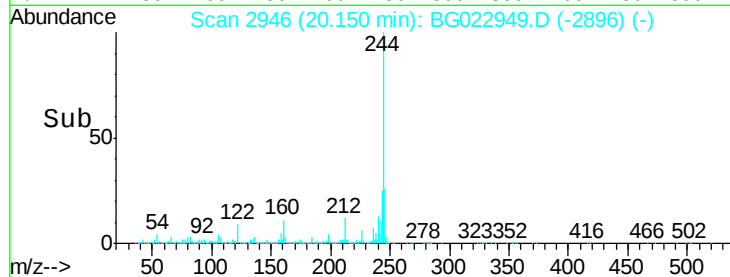
Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.8	16.2
122	9.3	8.0	12.0



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: 25.21 min Scan# 3807

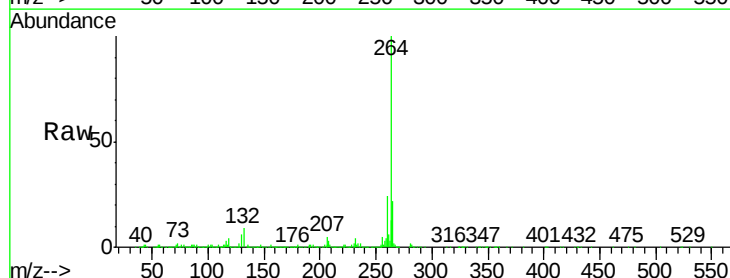
Delta R.T. 0.02 min

Lab File: BG022949.D

Acq: 9 Jul 2016 3:26

Tgt Ion:264 Resp: 952245

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.5	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

