

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021145.D
 Acq On : 28 Feb 2016 10:42
 Operator : UM/SJ
 Sample : H1558-13 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-15

Quant Time: Feb 29 00:35:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9216	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	44313	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	27113	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	61960	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	62990	20.00	ng	-0.02
86) Perylene-d12	25.05	264	58019	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	11093	21.07	ng	0.00
7) Phenol-d6	7.31	99	17281	22.06	ng	-0.02
23) Nitrobenzene-d5	9.32	82	12324	13.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	4433	12.47	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	20599	9.72	ng	-0.02
78) Terphenyl-d14	20.09	244	29071	10.79	ng	-0.02

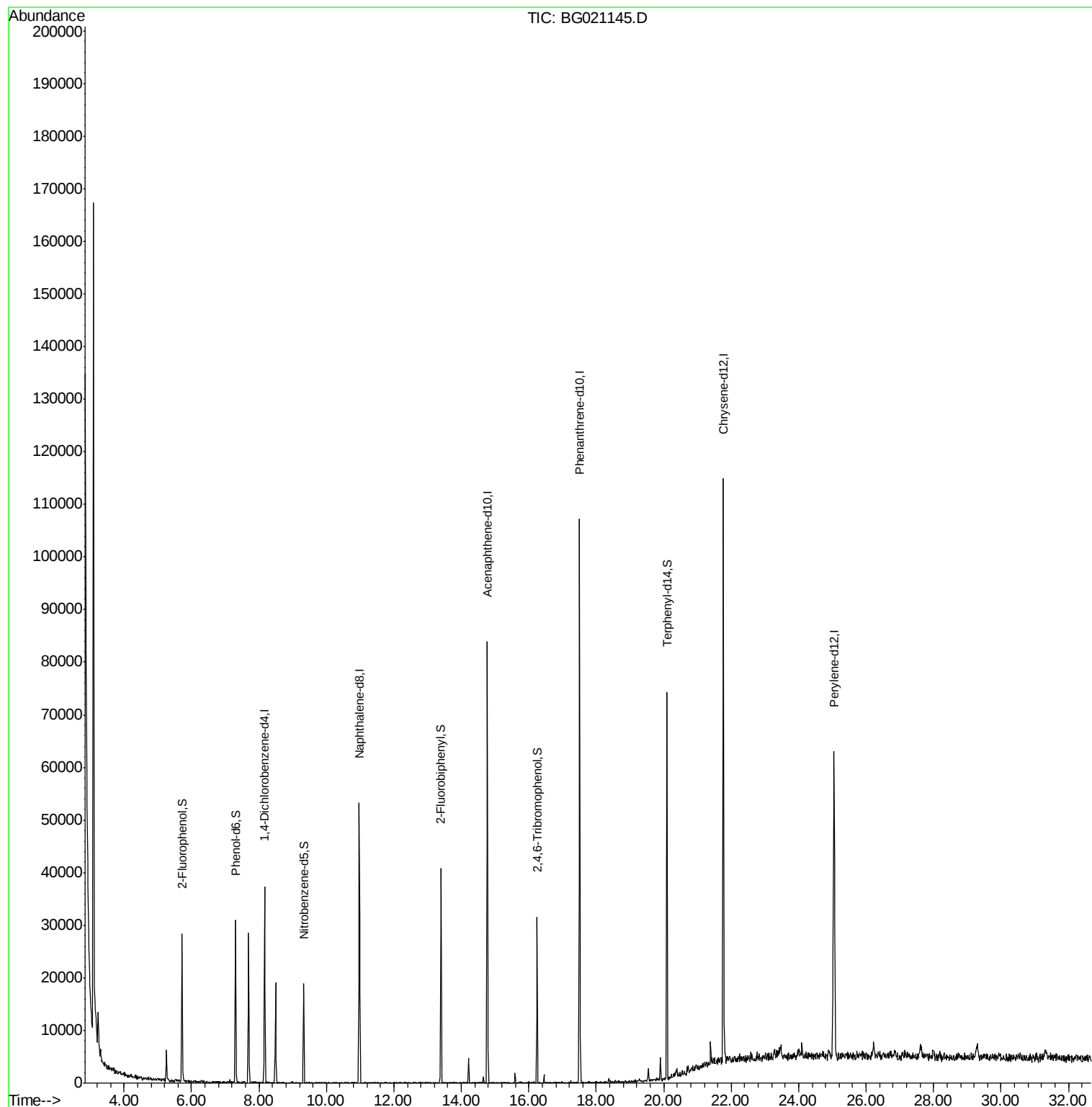
Target Compounds	Qvalue
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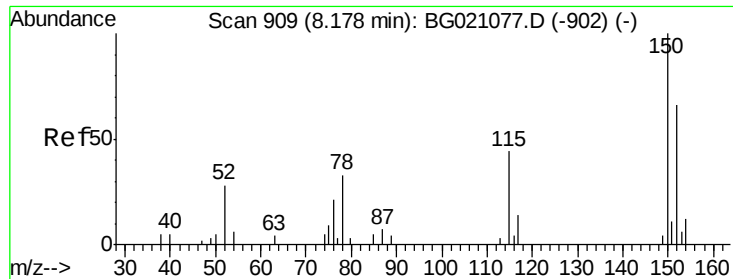
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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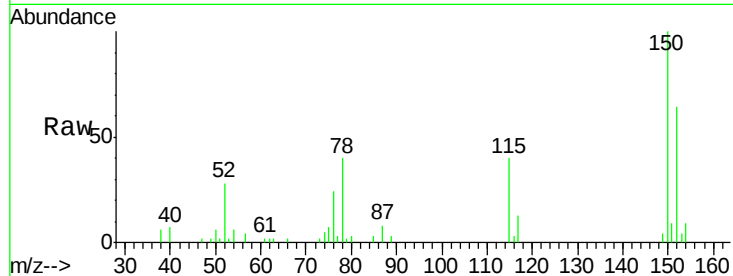


#1

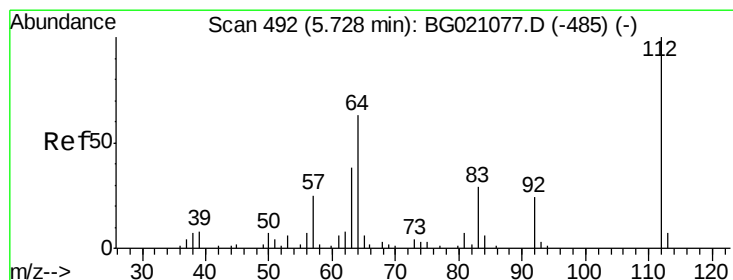
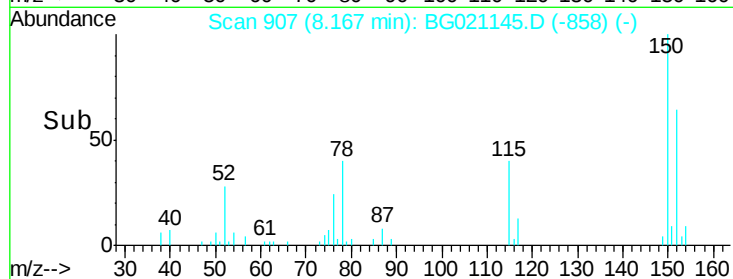
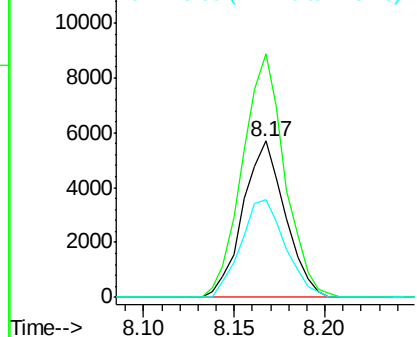
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021145.D
Acq: 28 Feb 2016 10:42

Instrument :
BNA_G
ClientSampleId :
S-15

Tgt Ion:152 Resp: 9216
Ion Ratio Lower Upper
152 100
150 155.8 123.4 185.2
115 62.2 43.3 64.9



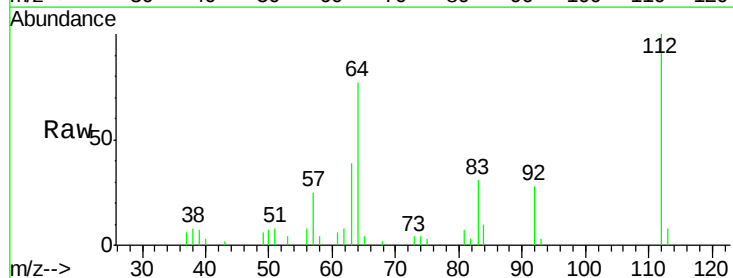
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



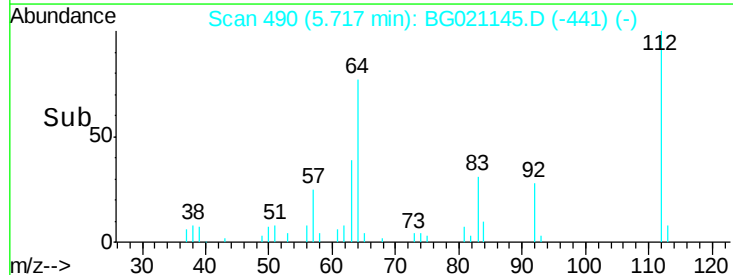
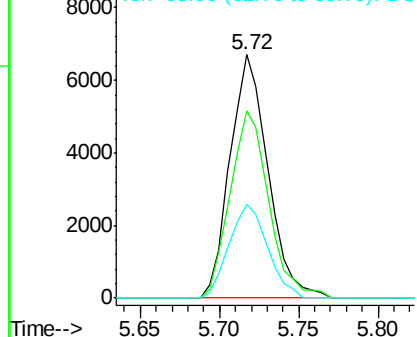
#5

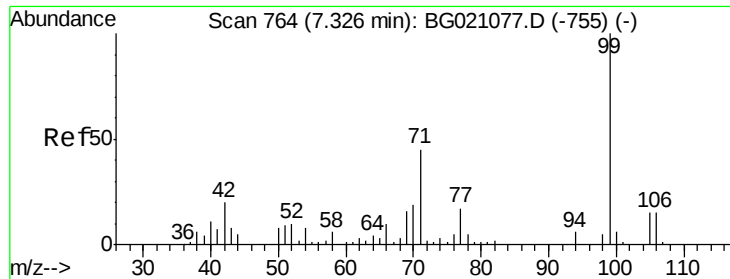
2-Fluorophenol
Concen: 21.07 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021145.D
Acq: 28 Feb 2016 10:42

Tgt Ion:112 Resp: 11093
Ion Ratio Lower Upper
112 100
64 76.7 42.6 63.8#
63 38.7 21.7 32.5#



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: 22.06 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021145.D

Acq: 28 Feb 2016 10:42

Instrument :

BNA_G

ClientSampleId :

S-15

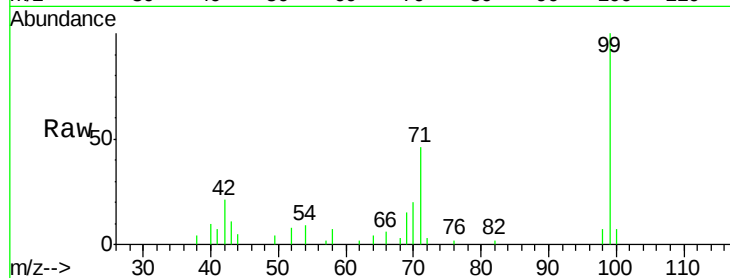
Tgt Ion: 99 Resp: 17281

Ion Ratio Lower Upper

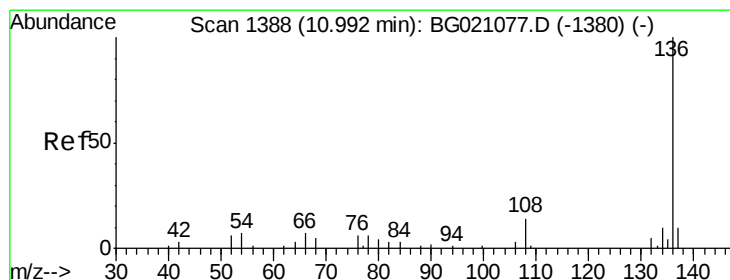
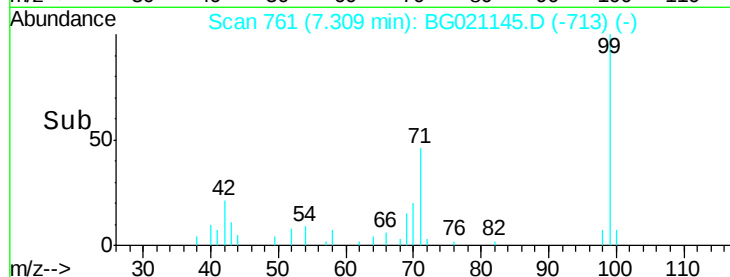
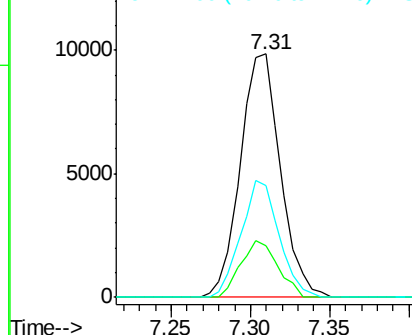
99 100

42 21.4 13.2 19.8#

71 45.7 25.2 37.8#



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# 1385

Delta R.T. -0.02 min

Lab File: BG021145.D

Acq: 28 Feb 2016 10:42

Tgt Ion: 136 Resp: 44313

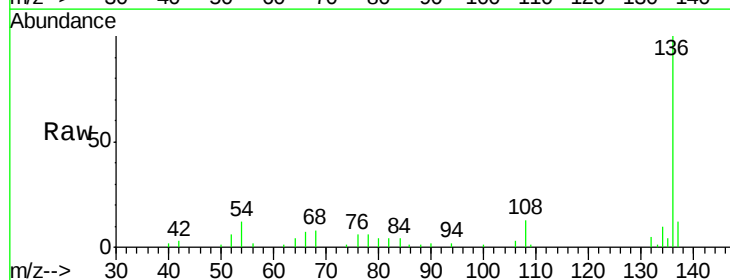
Ion Ratio Lower Upper

136 100

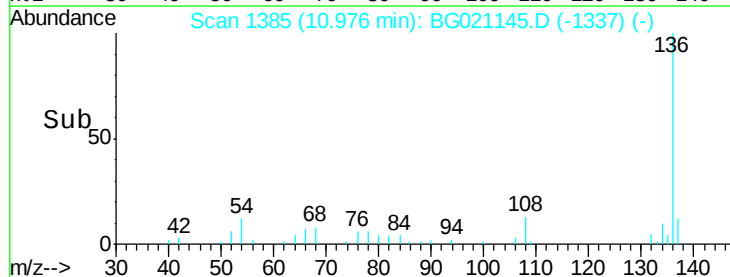
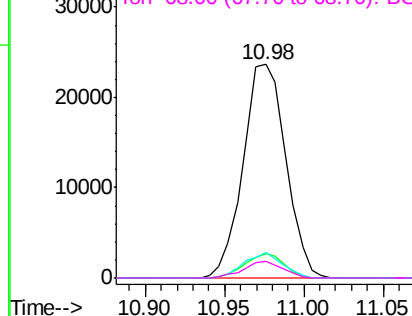
137 11.5 8.8 13.2

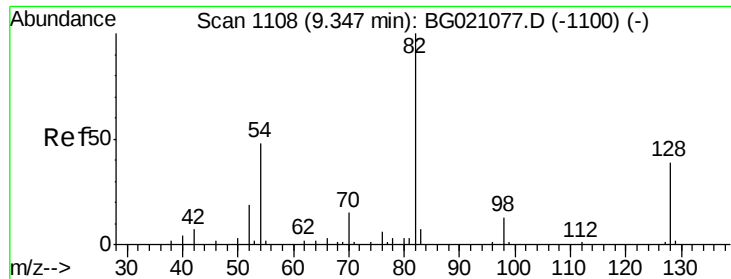
54 11.7 6.9 10.3#

68 7.6 5.8 8.6



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

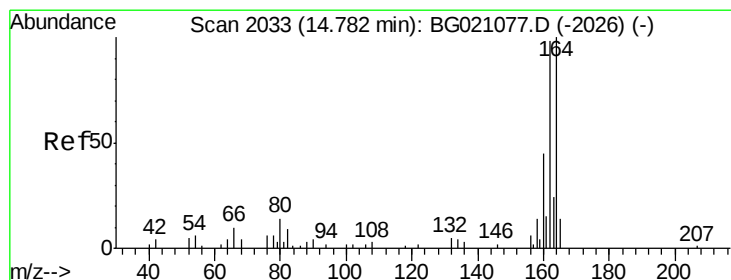
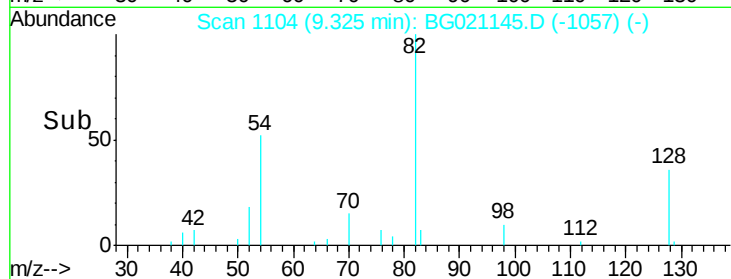
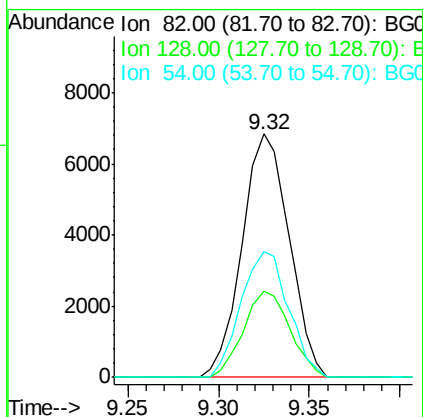
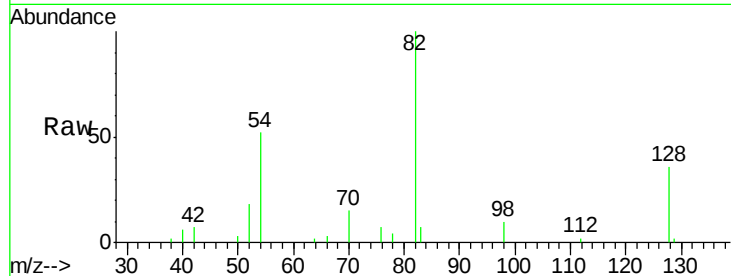




#23
Nitrobenzene-d5
Concen: 13.25 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG021145.D
Acq: 28 Feb 2016 10:42

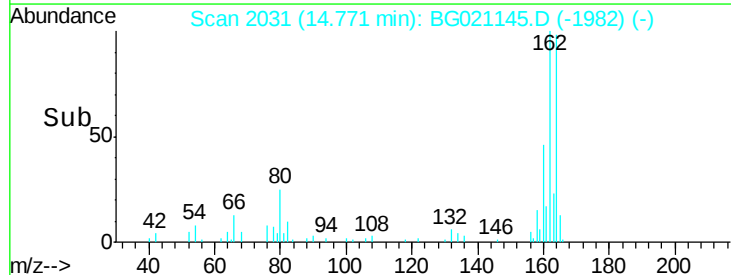
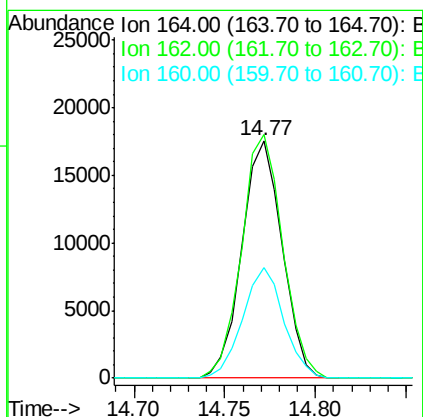
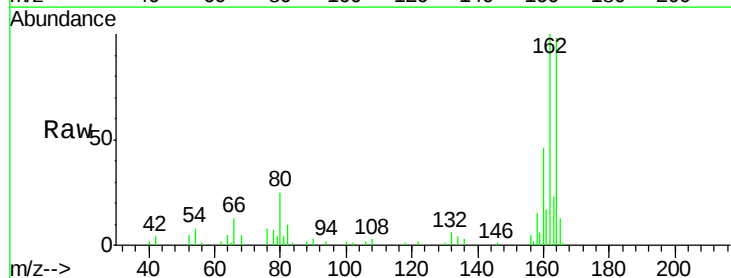
Instrument :
BNA_G
ClientSampled :
S-15

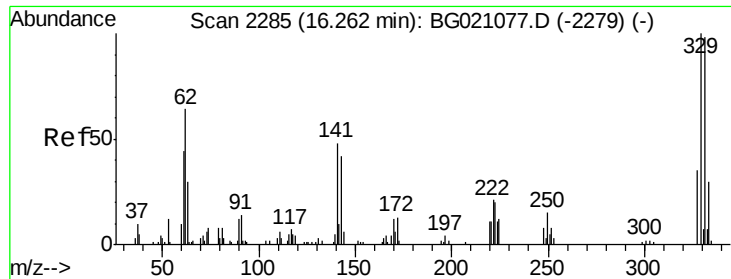
Tgt Ion: 82 Resp: 12324
Ion Ratio Lower Upper
82 100
128 35.5 36.3 54.5#
54 51.7 37.6 56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021145.D
Acq: 28 Feb 2016 10:42

Tgt Ion: 164 Resp: 27113
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 46.7 36.5 54.7





#41

2,4,6-Tribromophenol

Concen: 12.47 ng

RT: 16.25 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BG021145.D

Acq: 28 Feb 2016 10:42

Instrument :

BNA_G

ClientSampled :

S-15

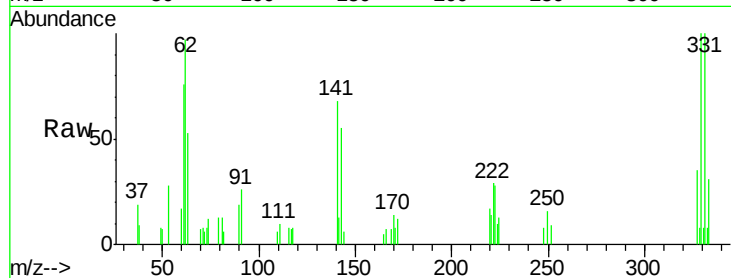
Tgt Ion:330 Resp: 4433

Ion Ratio Lower Upper

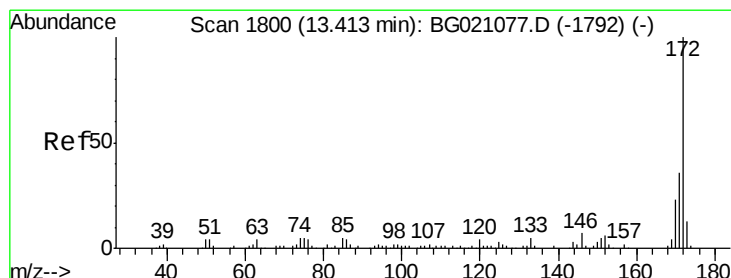
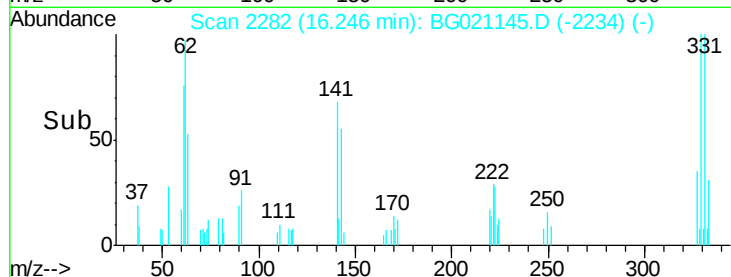
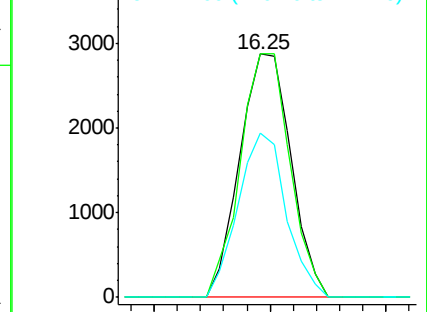
330 100

332 97.5 77.4 116.0

141 63.6 35.3 52.9#



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: 9.72 ng

RT: 13.40 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BG021145.D

Acq: 28 Feb 2016 10:42

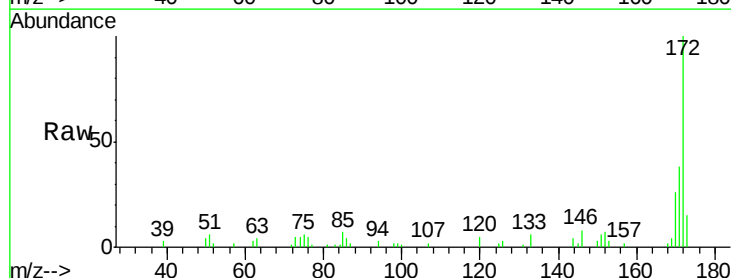
Tgt Ion:172 Resp: 20599

Ion Ratio Lower Upper

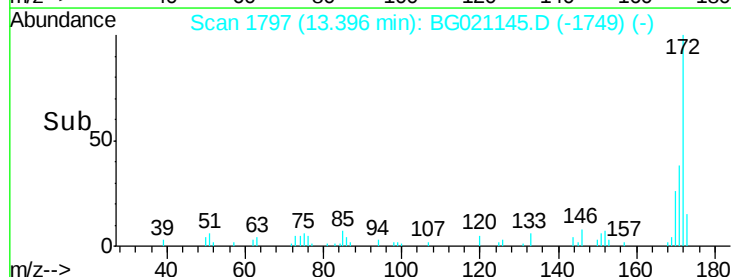
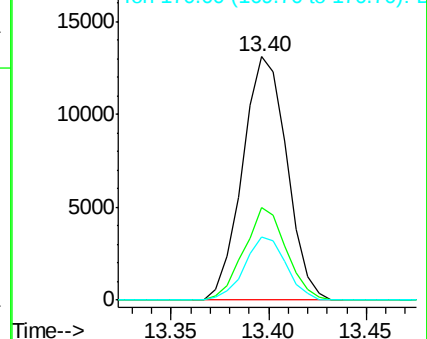
172 100

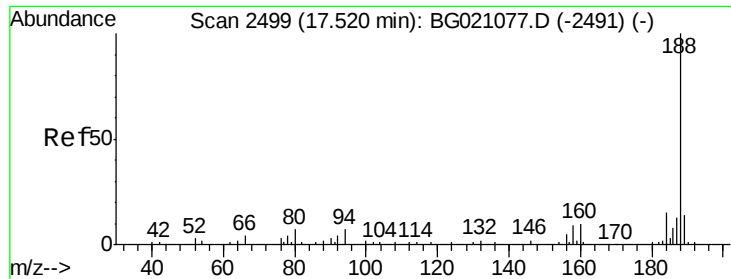
171 37.9 29.4 44.0

170 26.1 19.8 29.8



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: 17.50 min Scan# 2496

Delta R.T. -0.02 min

Lab File: BG021145.D

Acq: 28 Feb 2016 10:42

Instrument :

BNA_G

ClientSampleId :

S-15

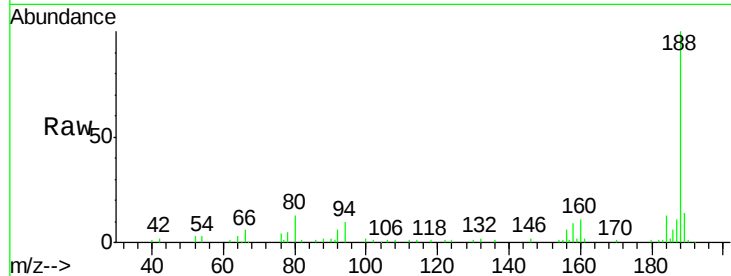
Tgt Ion:188 Resp: 61960

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

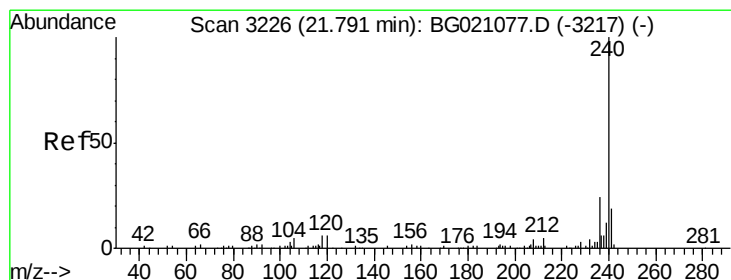
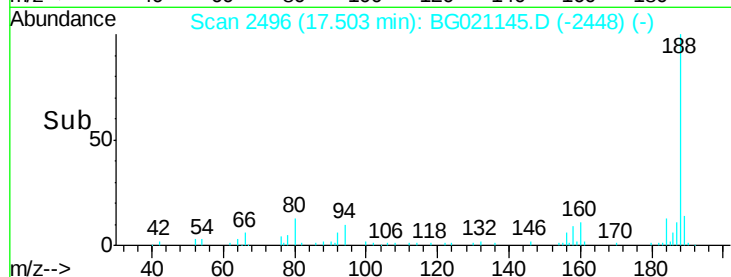
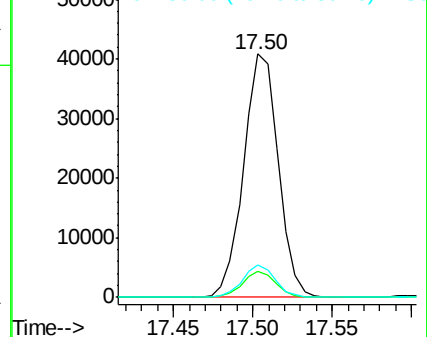
80 13.4 9.2 13.8



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: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG021145.D

Acq: 28 Feb 2016 10:42

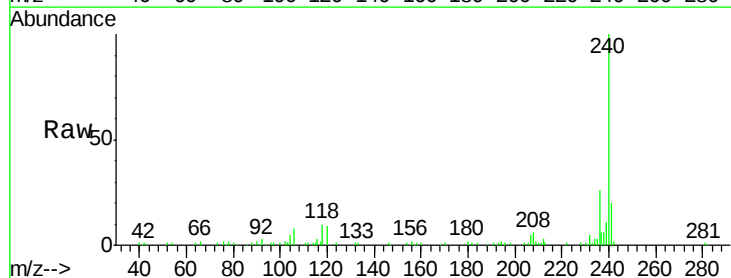
Tgt Ion:240 Resp: 62990

Ion Ratio Lower Upper

240 100

120 9.3 7.5 11.3

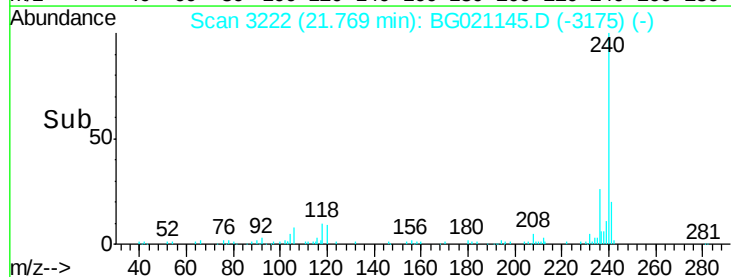
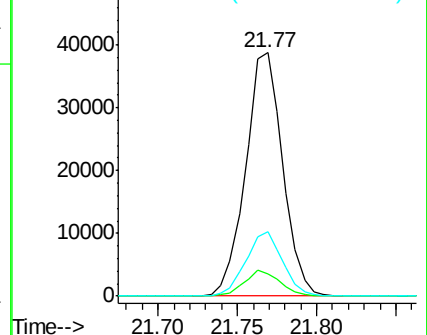
236 26.5 20.5 30.7

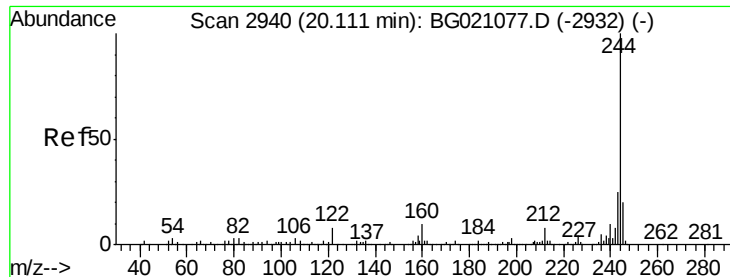


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 10.79 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG021145.D

Acq: 28 Feb 2016 10:42

Instrument :

BNA_G

ClientSampleId :

S-15

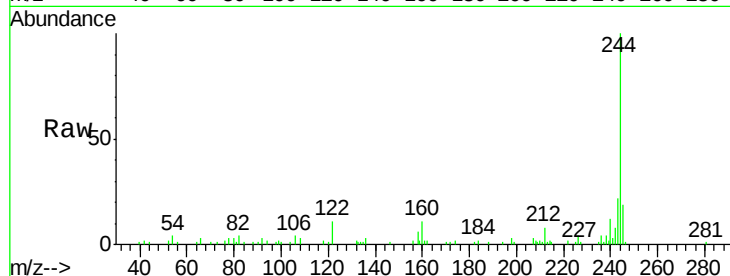
Tgt Ion:244 Resp: 29071

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

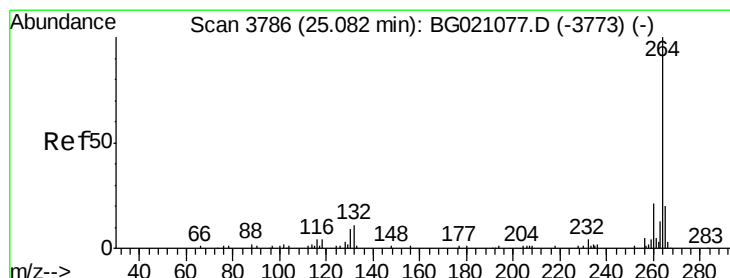
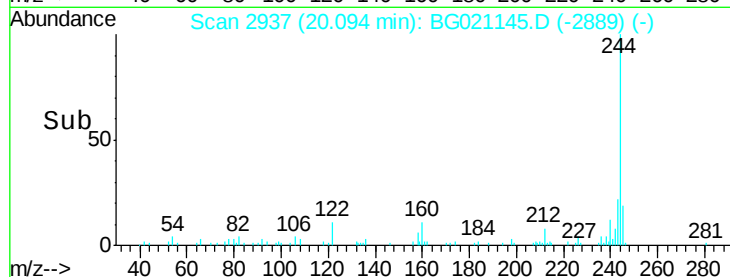
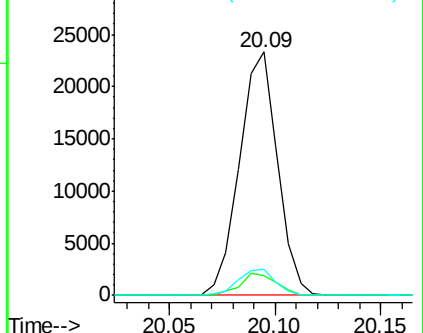
122 10.6 8.3 12.5



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: 25.05 min Scan# 3780

Delta R.T. -0.03 min

Lab File: BG021145.D

Acq: 28 Feb 2016 10:42

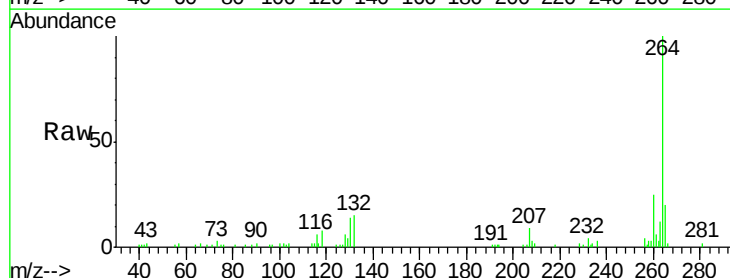
Tgt Ion:264 Resp: 58019

Ion Ratio Lower Upper

264 100

260 24.6 18.5 27.7

265 20.5 18.6 28.0



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

