

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022610.D
 Acq On : 26 Jun 2016 14:45
 Operator : UM/SJ
 Sample : H3738-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GUNHILL-FB2-6-20-16

Quant Time: Jun 27 01:53:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	144557	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	587567	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	418162	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1115087	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1264234	20.00	ng	0.00
86) Perylene-d12	25.21	264	1263516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	484927	53.81	ng	0.00
7) Phenol-d6	7.30	99	427690	33.67	ng	0.00
23) Nitrobenzene-d5	9.33	82	1210050	87.16	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	943363	143.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2293639	86.99	ng	0.00
78) Terphenyl-d14	20.16	244	3422774	71.73	ng	0.00

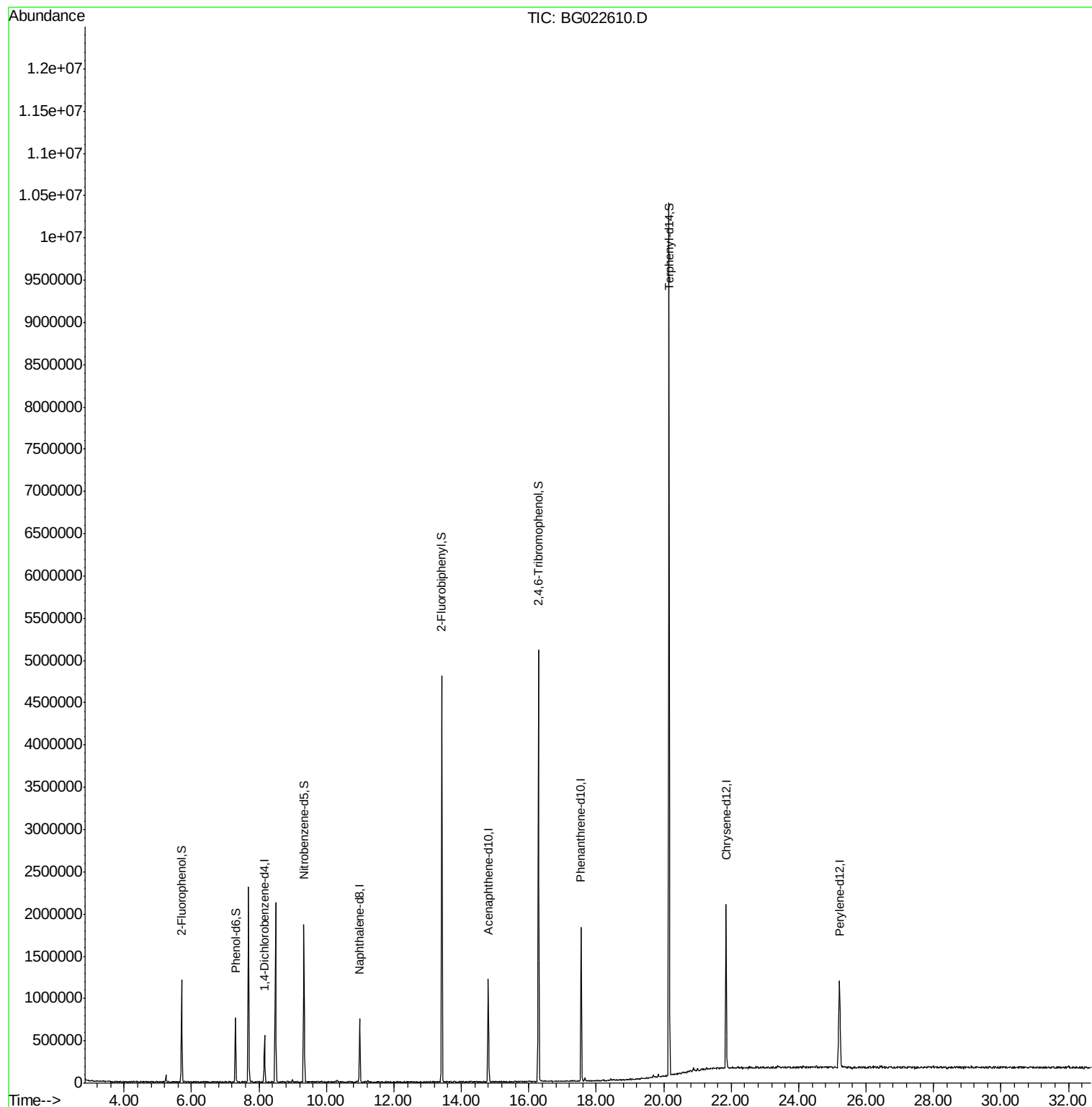
Target Compounds	Qvalue
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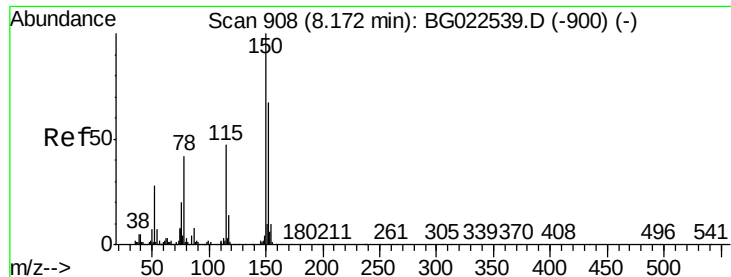
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022610.D

Acq: 26 Jun 2016 14:45

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FB2-6-20-16

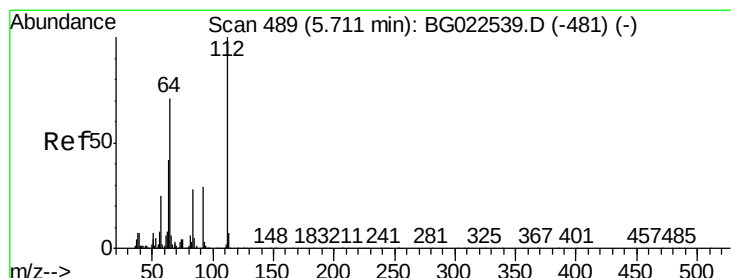
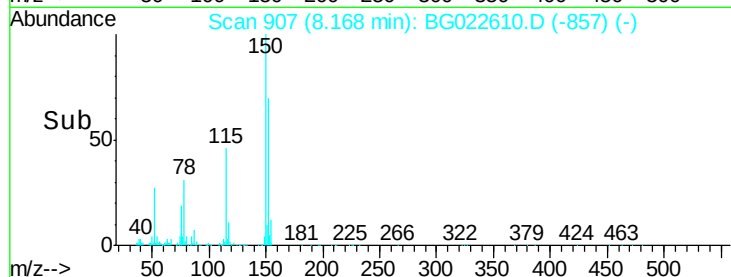
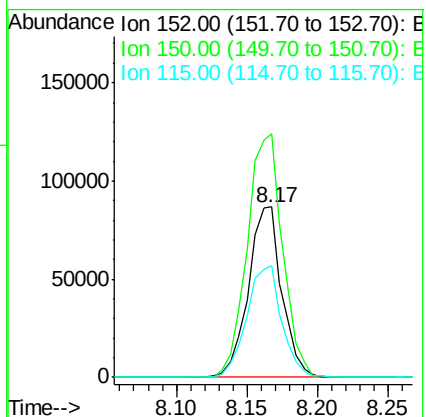
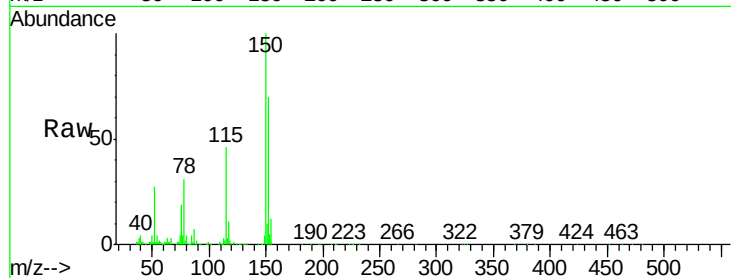
Tgt Ion:152 Resp: 144557

Ion Ratio Lower Upper

152 100

150 143.0 144.7 217.1#

115 65.8 64.0 96.0



#5

2-Fluorophenol

Concen: 53.81 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022610.D

Acq: 26 Jun 2016 14:45

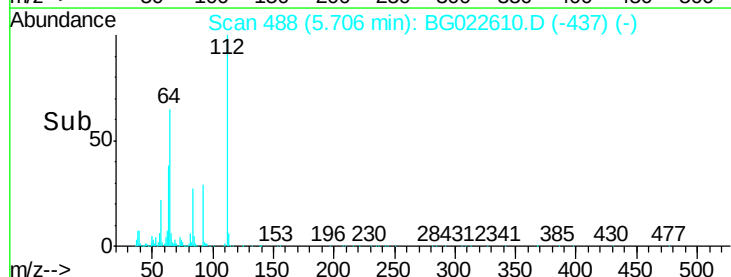
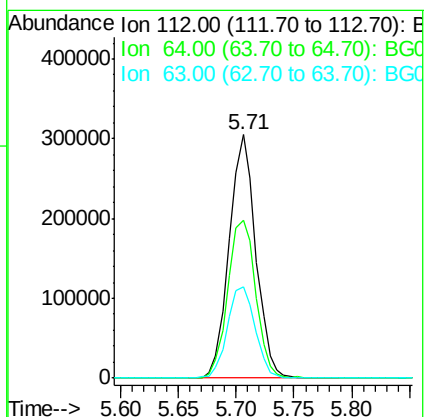
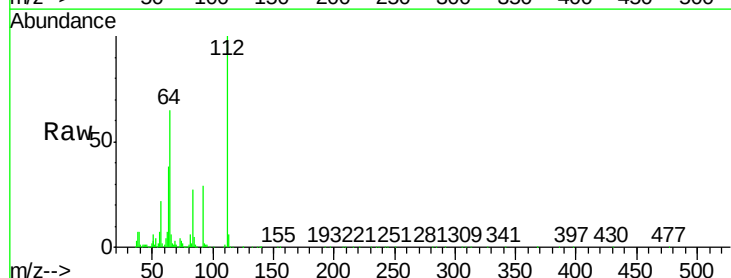
Tgt Ion:112 Resp: 484927

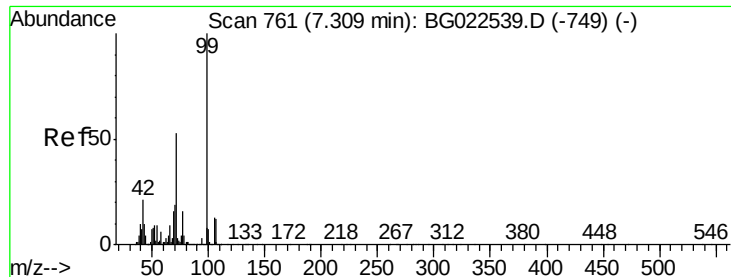
Ion Ratio Lower Upper

112 100

64 64.8 59.0 88.4

63 37.8 37.8 56.8#





#7

Phenol-d6

Concen: 33.67 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022610.D

Acq: 26 Jun 2016 14:45

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FB2-6-20-16

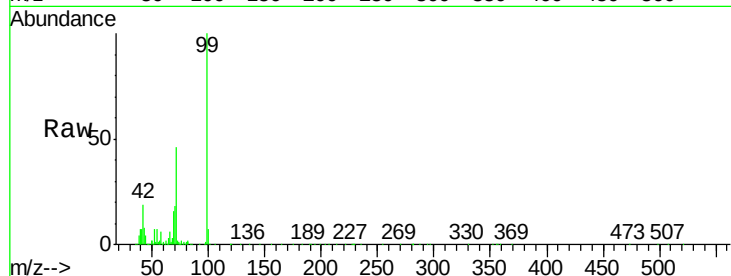
Tgt Ion: 99 Resp: 427690

Ion Ratio Lower Upper

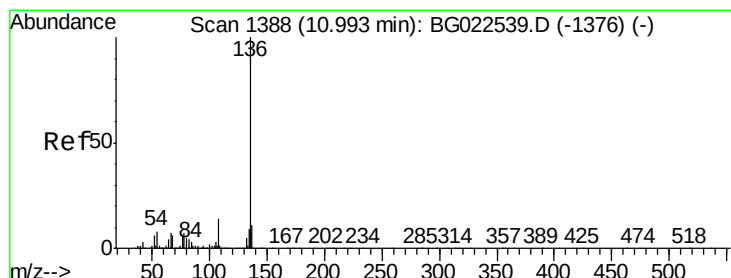
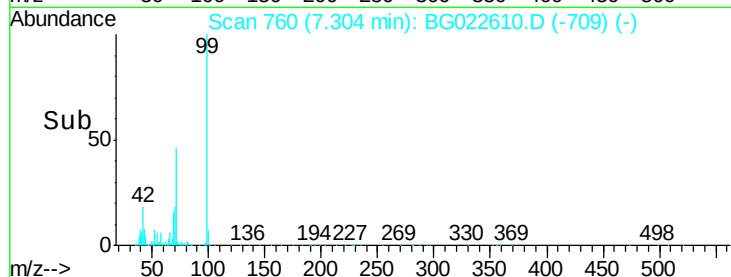
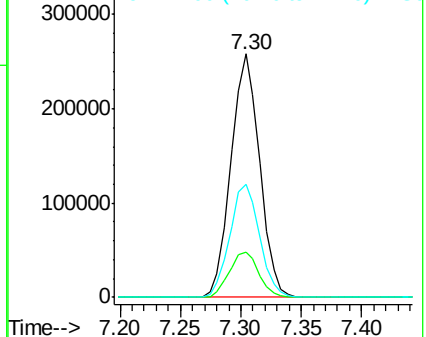
99 100

42 18.5 17.8 26.6

71 46.3 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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022610.D

Acq: 26 Jun 2016 14:45

Tgt Ion: 136 Resp: 587567

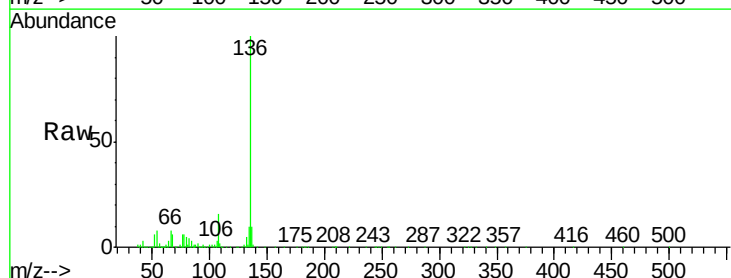
Ion Ratio Lower Upper

136 100

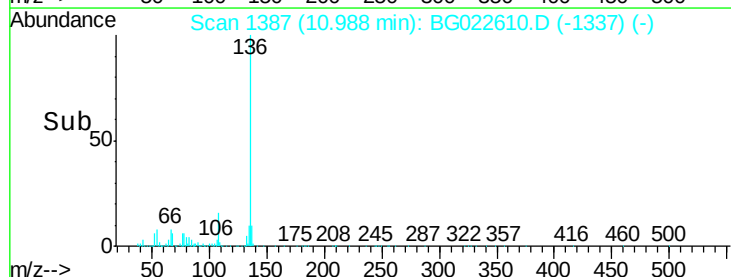
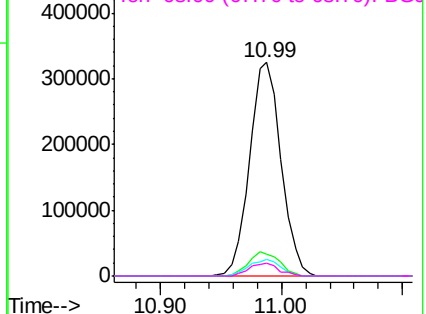
137 10.1 9.6 14.4

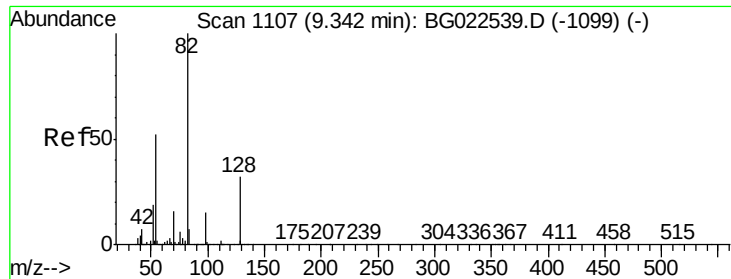
54 7.8 7.3 10.9

68 5.8 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

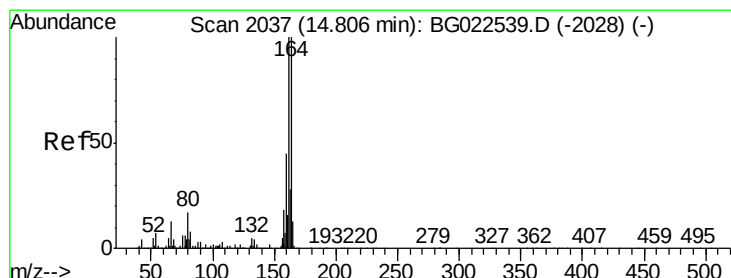
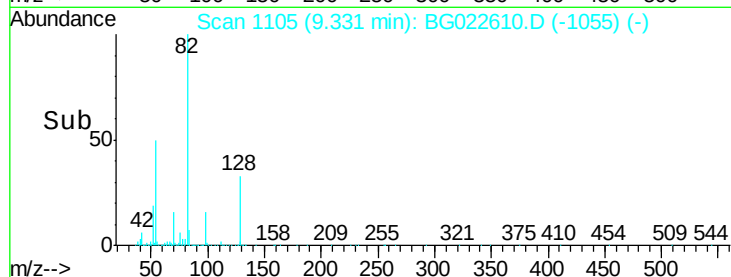
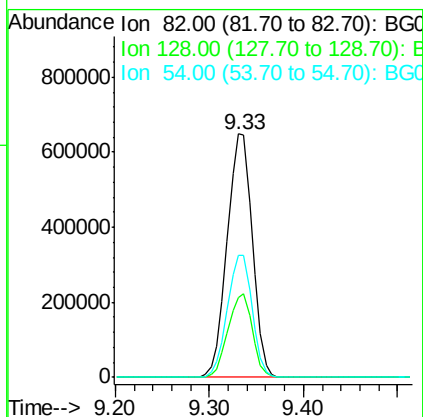
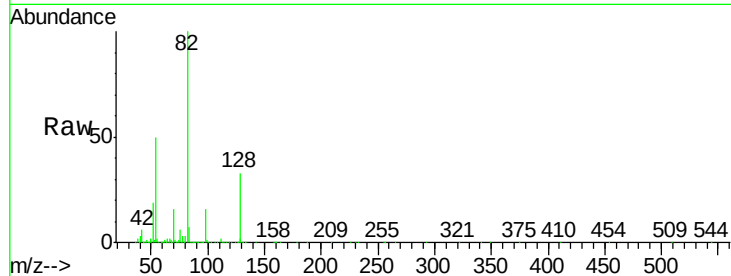




#23
Nitrobenzene-d5
Concen: 87.16 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022610.D
Acq: 26 Jun 2016 14:45

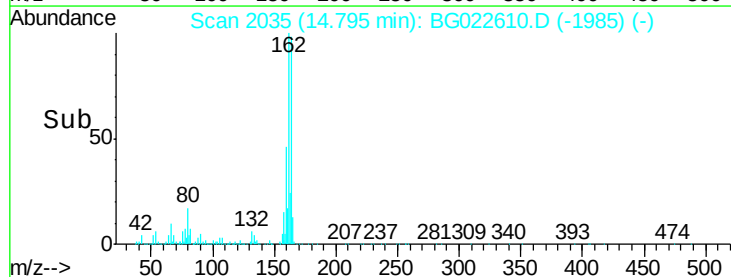
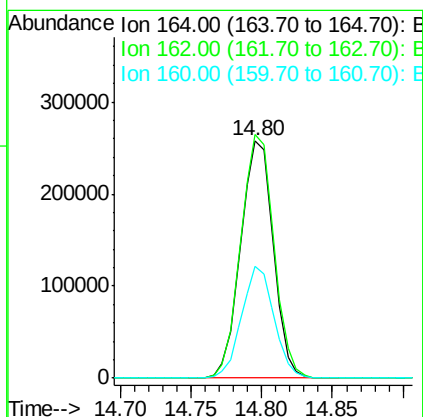
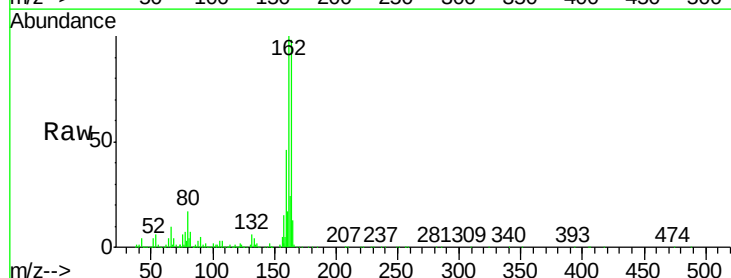
Instrument :
BNA_G
ClientSampleId :
GUNHILL-FB2-6-20-16

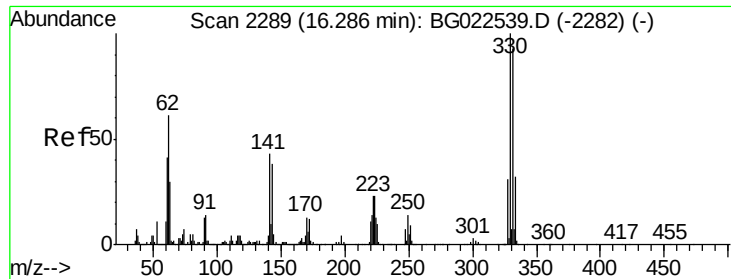
Tgt Ion: 82 Resp: 1210050
Ion Ratio Lower Upper
82 100
128 33.0 24.4 36.6
54 50.2 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022610.D
Acq: 26 Jun 2016 14:45

Tgt Ion: 164 Resp: 418162
Ion Ratio Lower Upper
164 100
162 102.5 87.7 131.5
160 47.0 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 143.43 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022610.D

Acq: 26 Jun 2016 14:45

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FB2-6-20-16

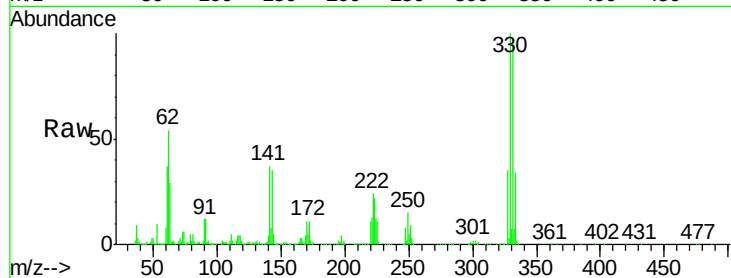
Tgt Ion:330 Resp: 943363

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

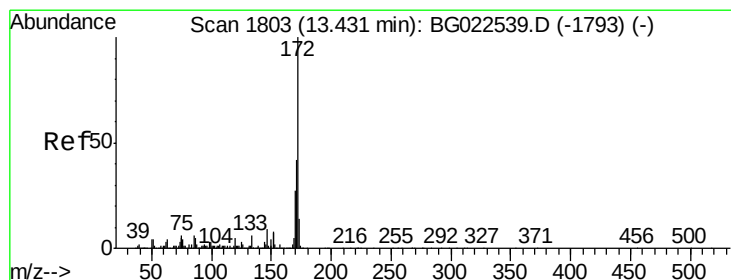
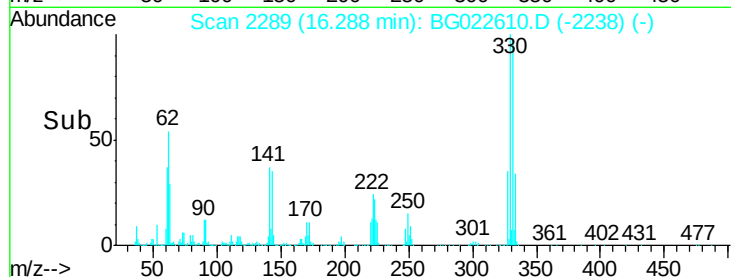
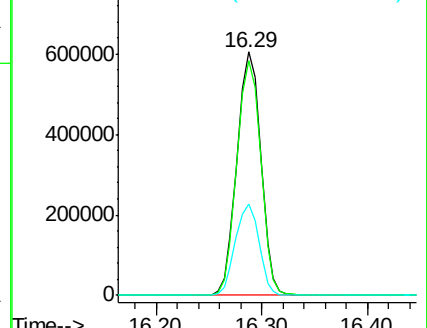
141 37.5 31.7 47.5



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: 86.99 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022610.D

Acq: 26 Jun 2016 14:45

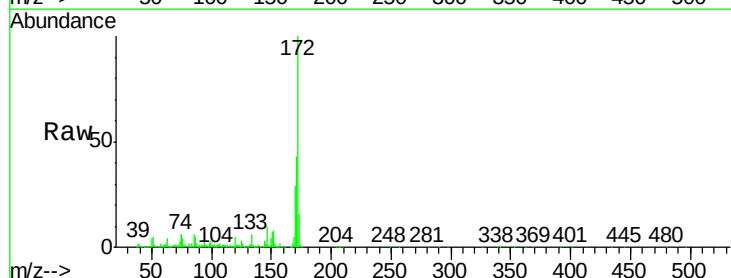
Tgt Ion:172 Resp: 2293639

Ion Ratio Lower Upper

172 100

171 42.8 31.6 47.4

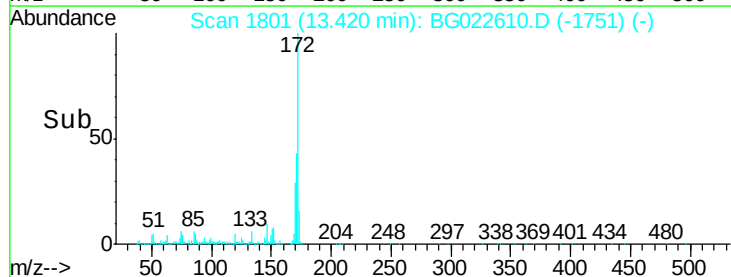
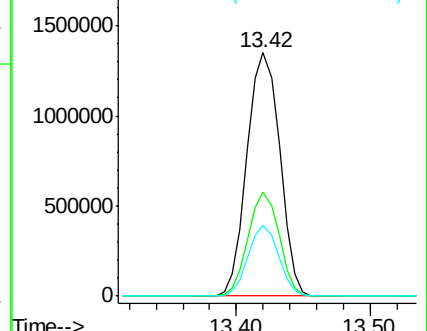
170 29.2 21.3 31.9

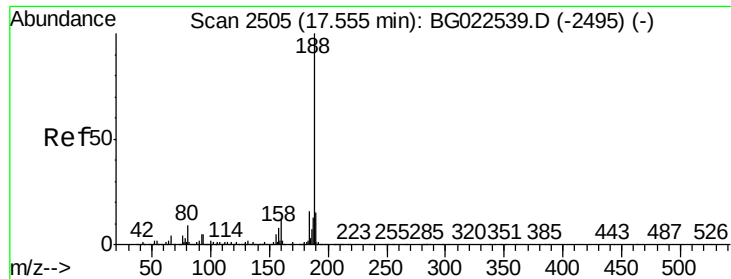


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

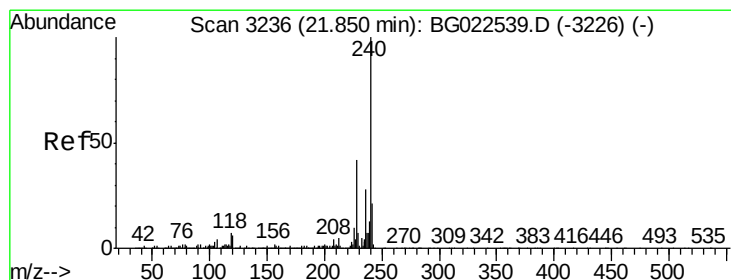
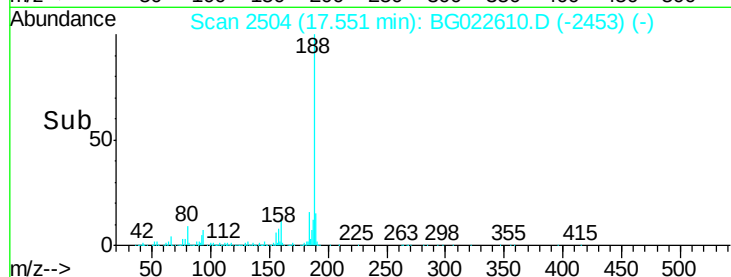
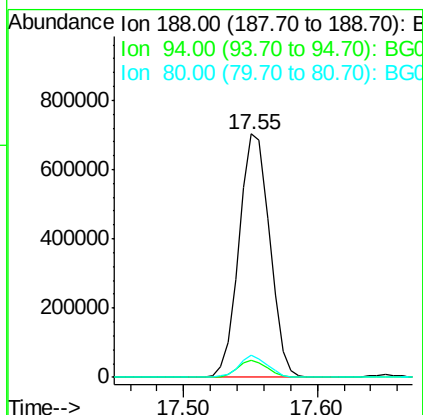
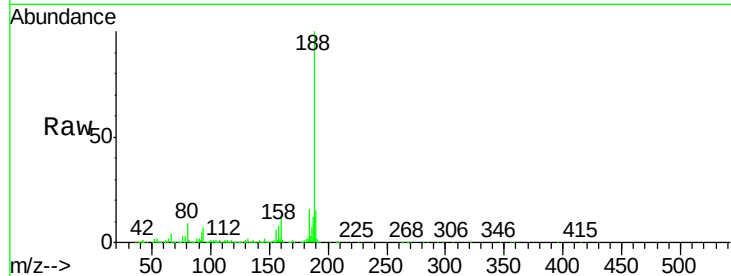




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022610.D
Acq: 26 Jun 2016 14:45

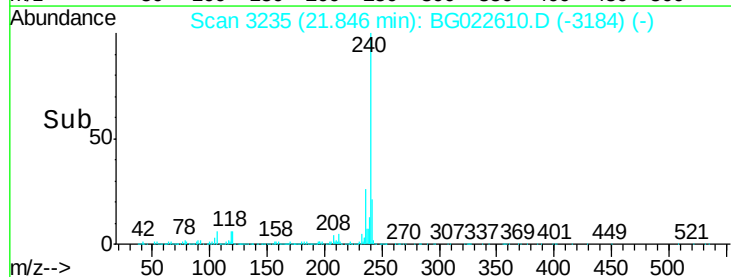
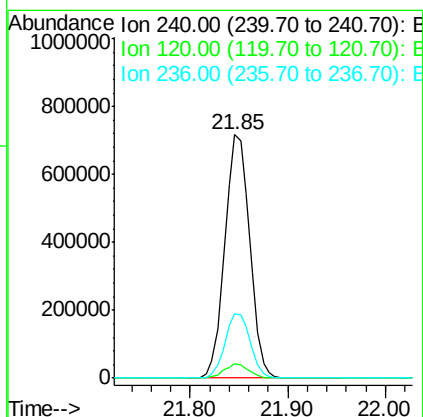
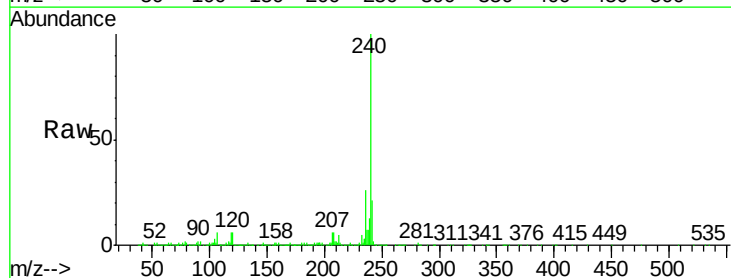
Instrument :
BNA_G
ClientSampleId :
GUNHILL-FB2-6-20-16

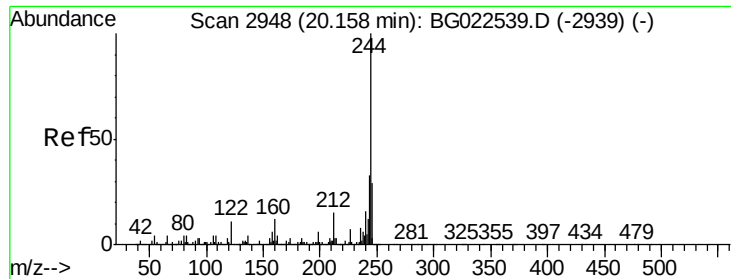
Tgt Ion:188 Resp: 1115087
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.1 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022610.D
Acq: 26 Jun 2016 14:45

Tgt Ion:240 Resp: 1264234
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 26.3 21.1 31.7





#78

Terphenyl-d14

Concen: 71.73 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022610.D

Acq: 26 Jun 2016 14:45

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FB2-6-20-16

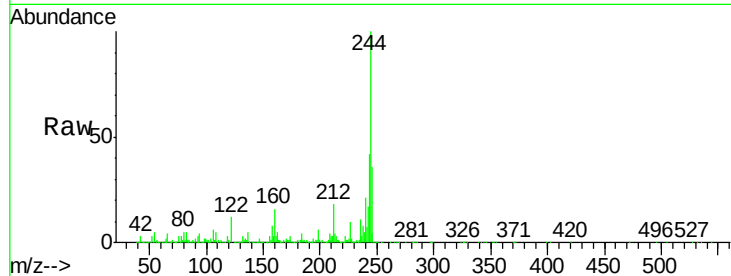
Tgt Ion:244 Resp: 3422774

Ion Ratio Lower Upper

244 100

212 17.5 10.8 16.2#

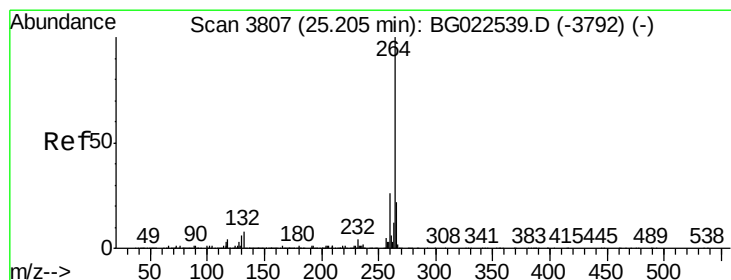
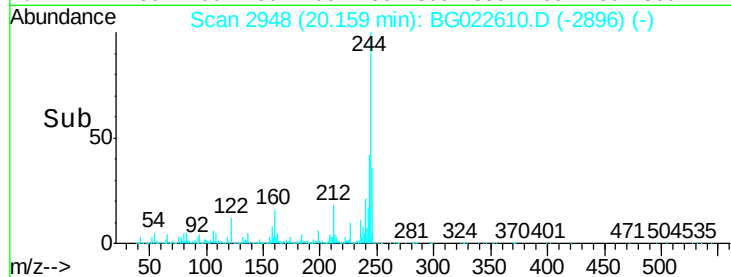
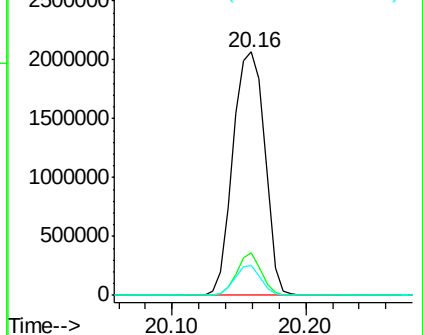
122 12.5 8.0 12.0#



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. 0.00 min

Lab File: BG022610.D

Acq: 26 Jun 2016 14:45

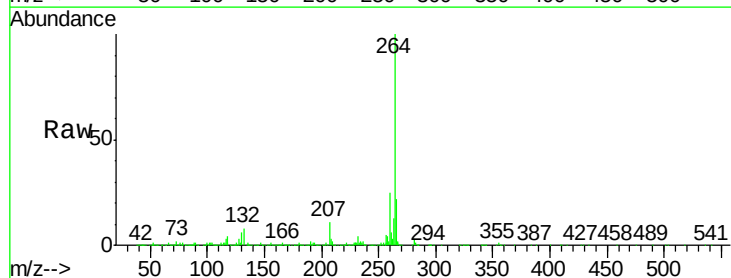
Tgt Ion:264 Resp: 1263516

Ion Ratio Lower Upper

264 100

260 24.8 18.4 27.6

265 22.2 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

