

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022547.D
 Acq On : 24 Jun 2016 20:47
 Operator : UM/SJ
 Sample : H3625-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1511(0-4)

Quant Time: Jun 25 03:11:12 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	89079	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	377562	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	89675	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	425768	20.00	ng	0.00
75) Chrysene-d12	21.85	240	113821	20.00	ng	0.00
86) Perylene-d12	25.21	264	3902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	754387	135.83	ng	0.00
7) Phenol-d6	7.30	99	567355	72.48	ng	0.00
23) Nitrobenzene-d5	9.34	82	891412	99.93	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	654746	464.21	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1724393	304.95	ng	0.00
78) Terphenyl-d14	20.15	244	1757648	409.13	ng	0.00

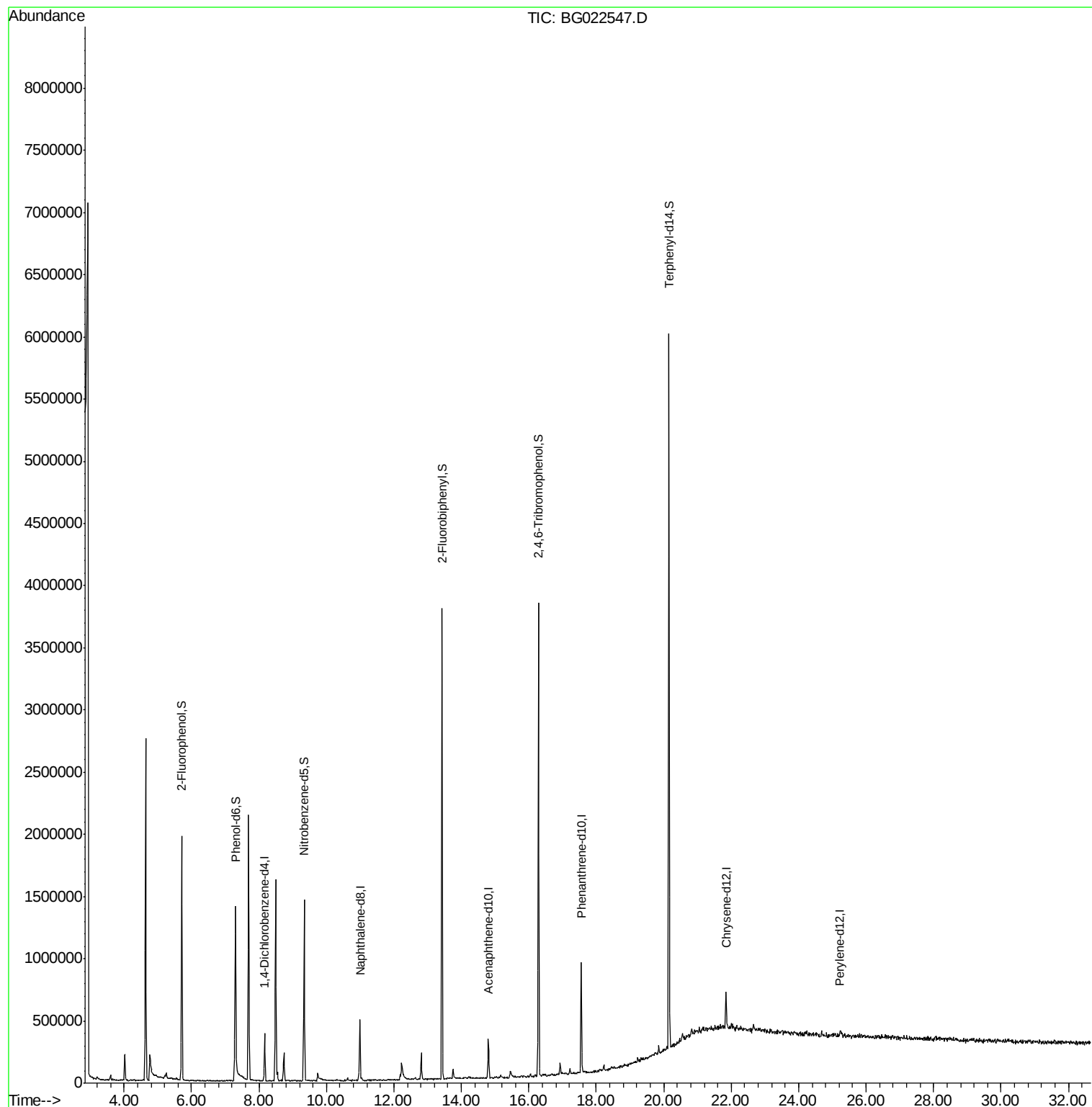
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022547.D

Acq: 24 Jun 2016 20:47

Instrument :

BNA_G

ClientSampleId :

SC-STA-1511(0-4)

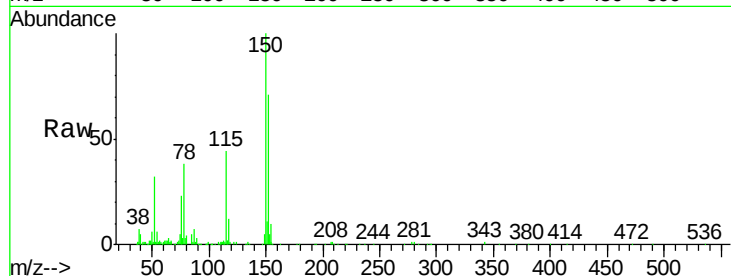
Tgt Ion:152 Resp: 89079

Ion Ratio Lower Upper

152 100

150 140.0 144.7 217.1#

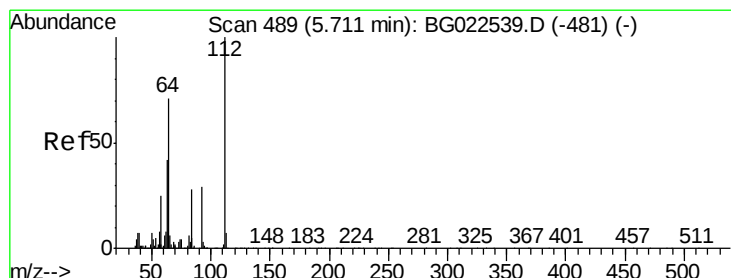
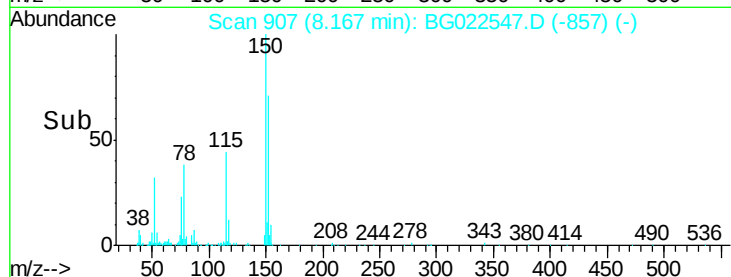
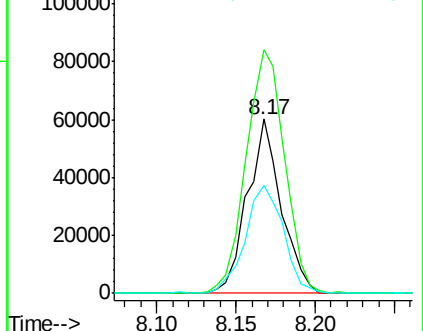
115 62.2 64.0 96.0#



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: 135.83 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022547.D

Acq: 24 Jun 2016 20:47

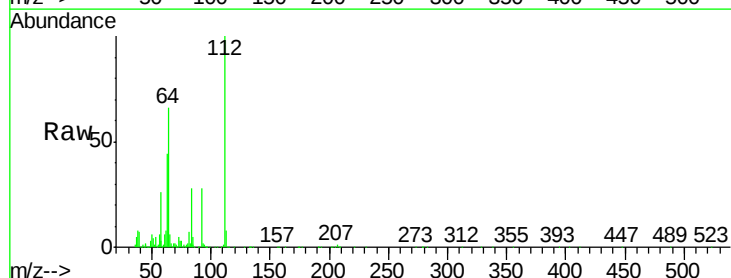
Tgt Ion:112 Resp: 754387

Ion Ratio Lower Upper

112 100

64 66.4 59.0 88.4

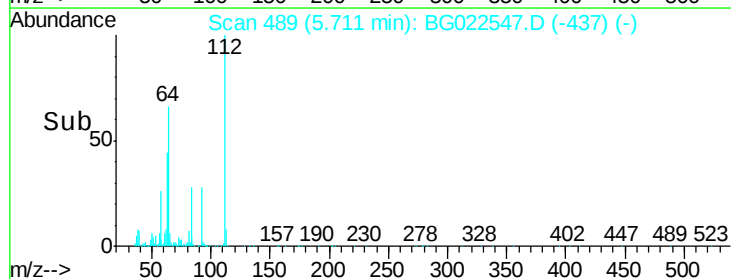
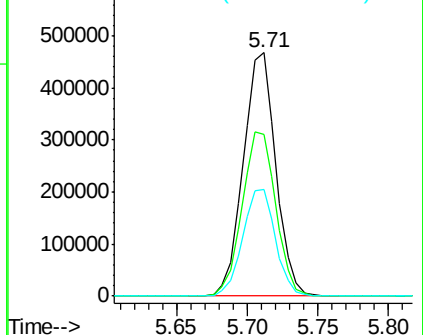
63 43.7 37.8 56.8



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: 72.48 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022547.D

Acq: 24 Jun 2016 20:47

Instrument :

BNA_G

ClientSampleId :

SC-STA-1511(0-4)

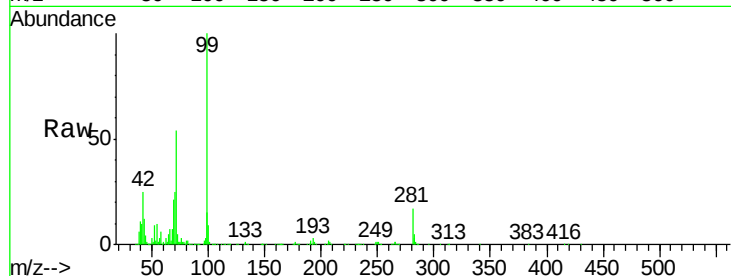
Tgt Ion: 99 Resp: 567355

Ion Ratio Lower Upper

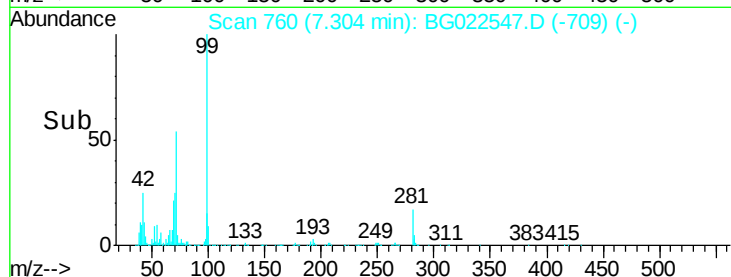
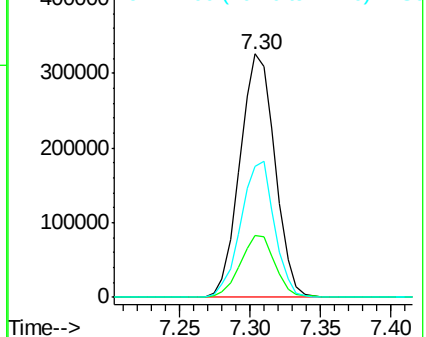
99 100

42 25.3 17.8 26.6

71 54.0 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: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG022547.D

Acq: 24 Jun 2016 20:47

Tgt Ion: 136 Resp: 377562

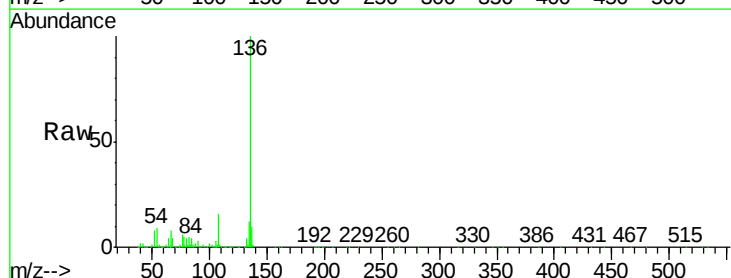
Ion Ratio Lower Upper

136 100

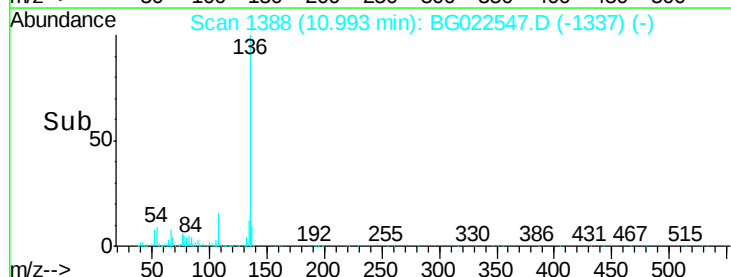
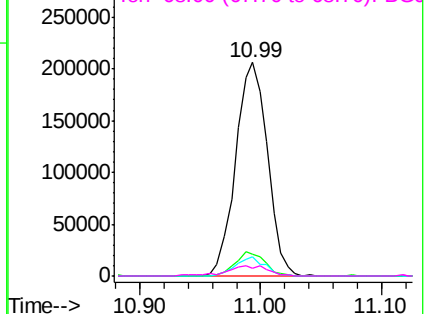
137 10.4 9.6 14.4

54 8.9 7.3 10.9

68 3.9 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

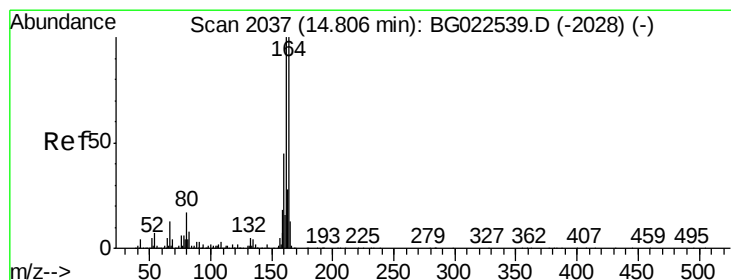
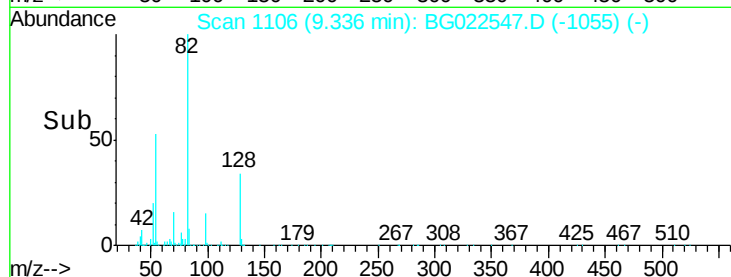
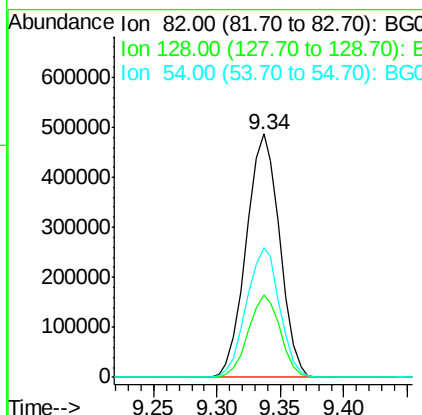
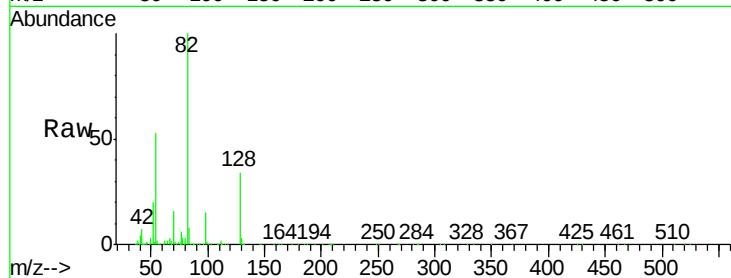




#23
 Nitrobenzene-d5
 Concen: 99.93 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022547.D
 Acq: 24 Jun 2016 20:47

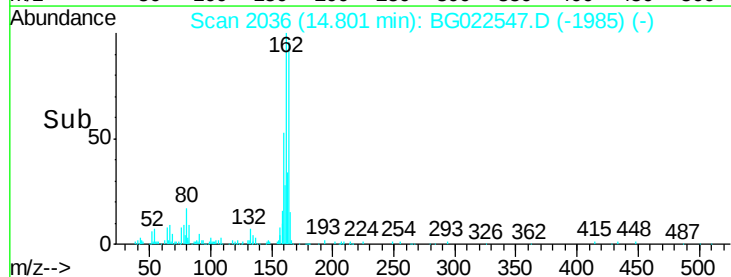
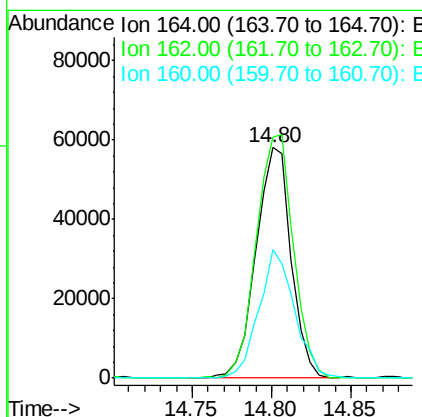
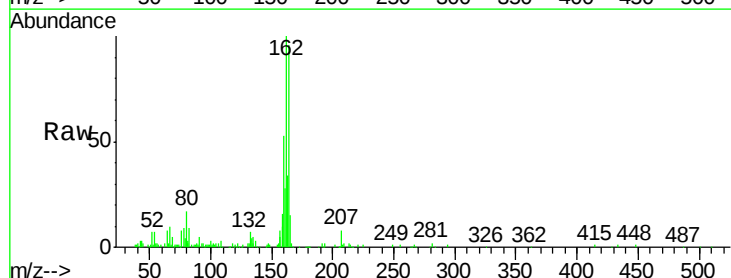
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1511(0-4)

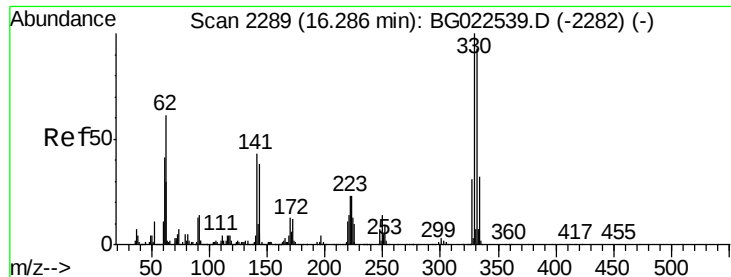
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.4	36.6
54	53.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022547.D
 Acq: 24 Jun 2016 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	87.7	131.5
160	55.7	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 464.21 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022547.D

Acq: 24 Jun 2016 20:47

Instrument :

BNA_G

ClientSampleId :

SC-STA-1511(0-4)

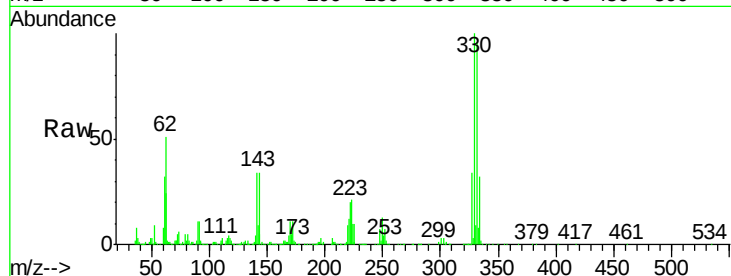
Tgt Ion:330 Resp: 654746

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

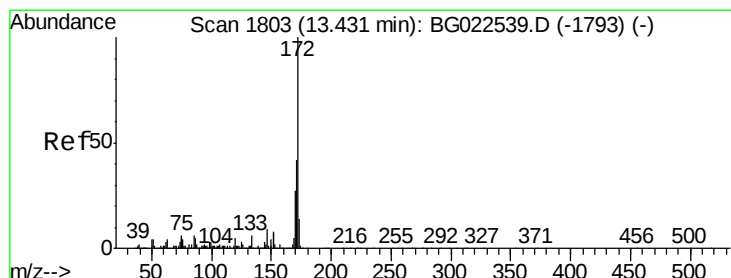
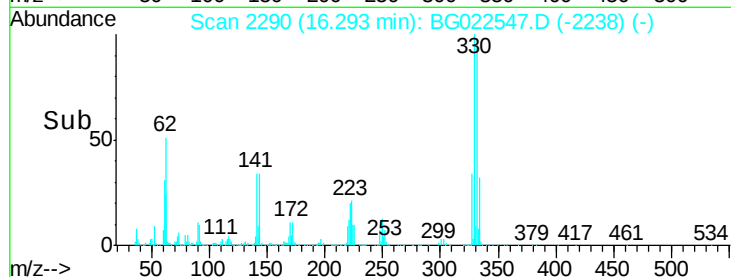
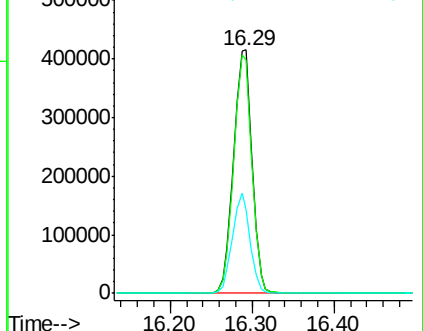
141 39.1 31.7 47.5



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: 304.95 ng

RT: 13.43 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BG022547.D

Acq: 24 Jun 2016 20:47

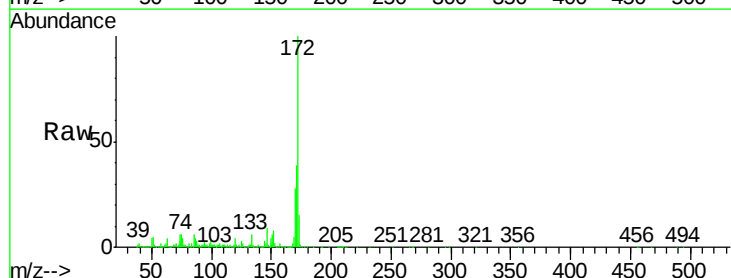
Tgt Ion:172 Resp: 1724393

Ion Ratio Lower Upper

172 100

171 39.1 31.6 47.4

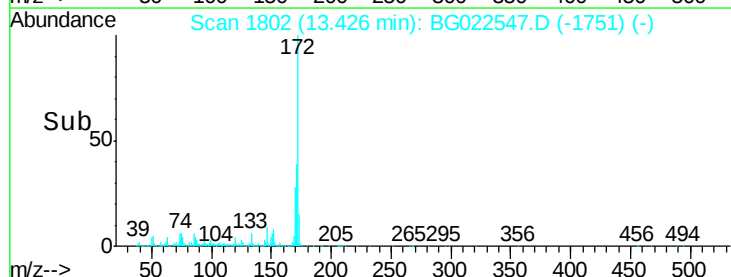
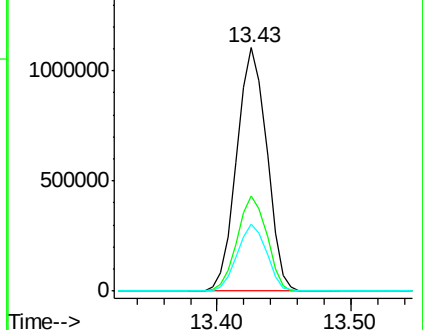
170 27.5 21.3 31.9

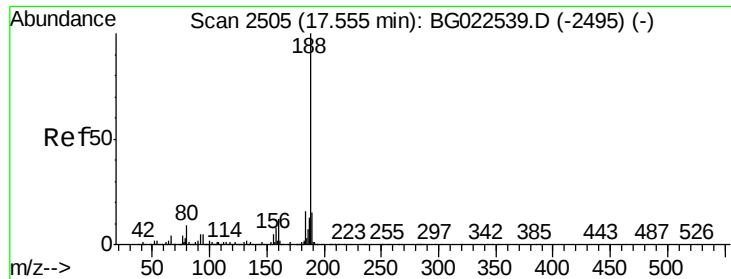


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

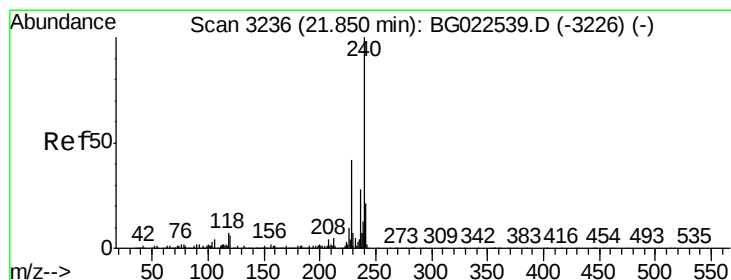
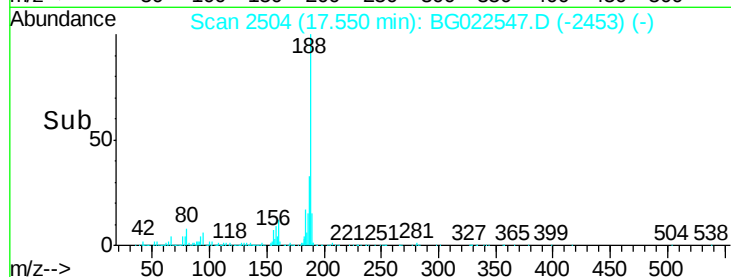
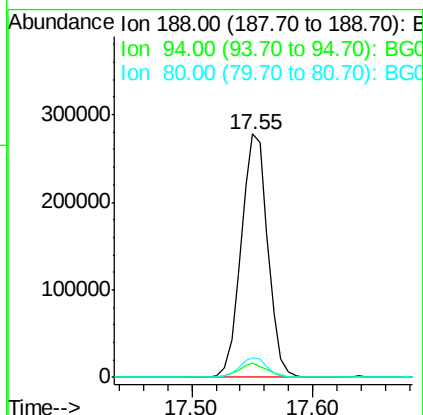
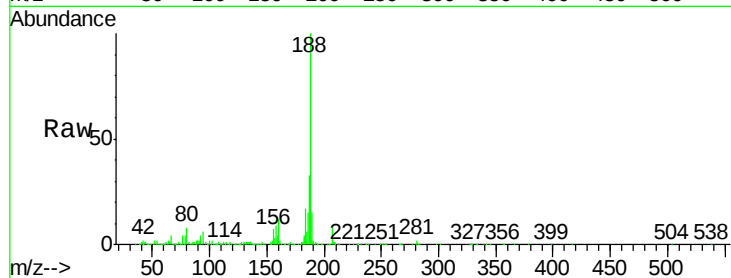




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022547.D
Acq: 24 Jun 2016 20:47

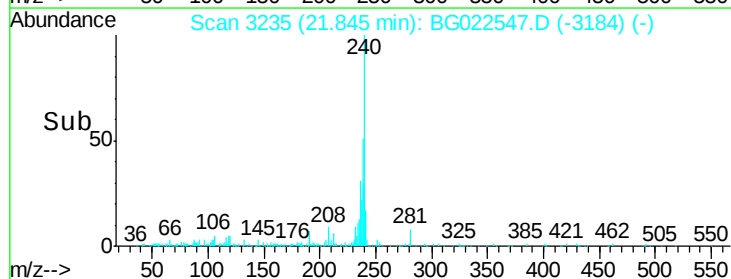
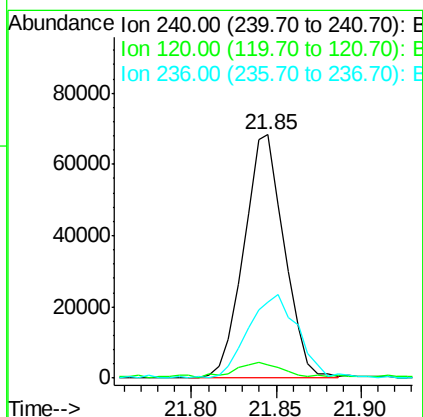
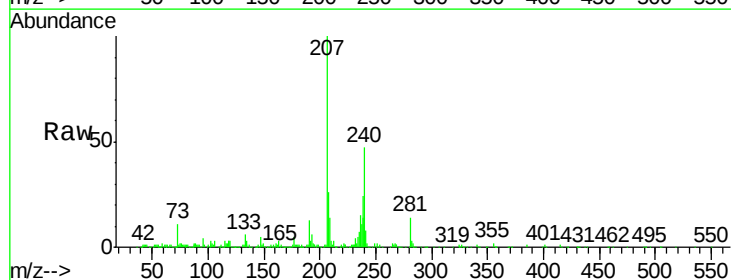
Instrument :
BNA_G
ClientSampleId :
SC-STA-1511(0-4)

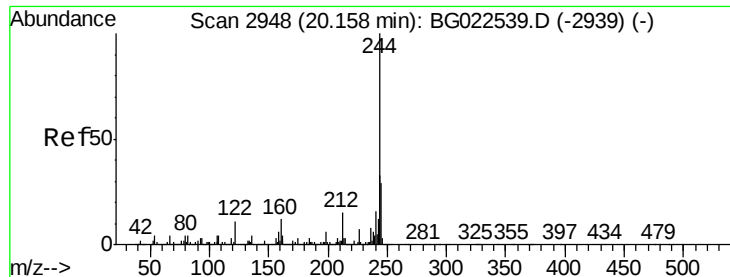
Tgt Ion:188 Resp: 425768
Ion Ratio Lower Upper
188 100
94 5.9 5.2 7.8
80 8.1 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022547.D
Acq: 24 Jun 2016 20:47

Tgt Ion:240 Resp: 113821
Ion Ratio Lower Upper
240 100
120 5.3 4.1 6.1
236 31.2 21.1 31.7





#78

Terphenyl-d14

Concen: 409.13 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022547.D

Acq: 24 Jun 2016 20:47

Instrument :

BNA_G

ClientSampleId :

SC-STA-1511(0-4)

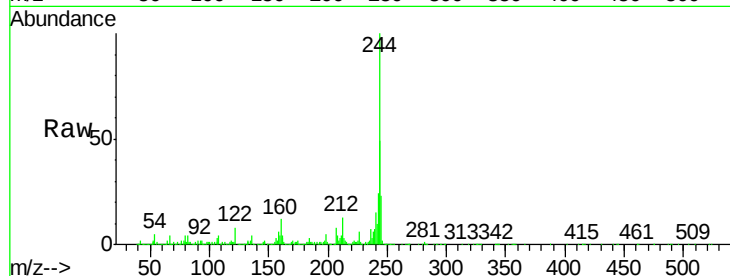
Tgt Ion:244 Resp: 1757648

Ion Ratio Lower Upper

244 100

212 12.9 10.8 16.2

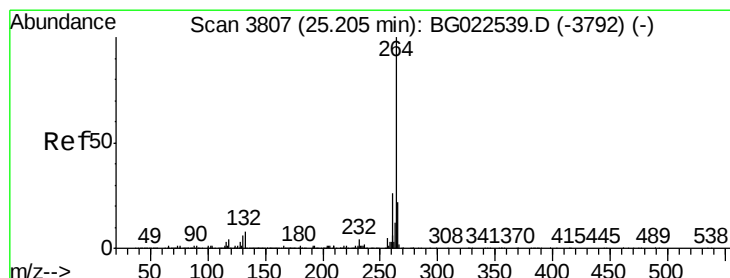
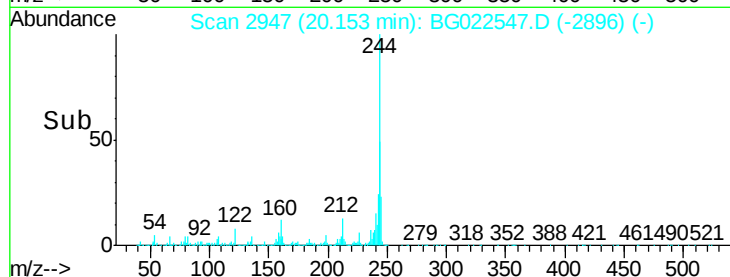
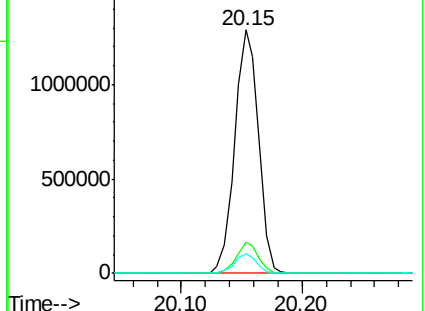
122 8.0 8.0 12.0



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# 3808

Delta R.T. 0.01 min

Lab File: BG022547.D

Acq: 24 Jun 2016 20:47

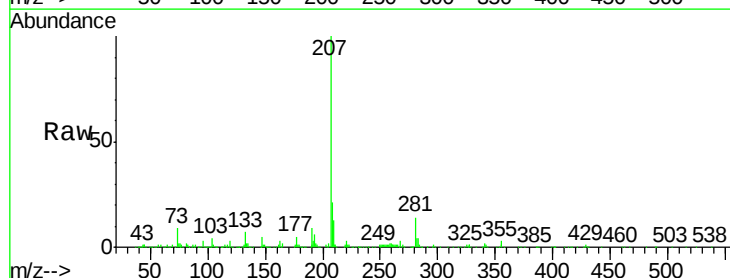
Tgt Ion:264 Resp: 3902

Ion Ratio Lower Upper

264 100

260 74.0 18.4 27.6#

265 105.7 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

