

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022645.D
 Acq On : 27 Jun 2016 16:22
 Operator : UM/SJ
 Sample : H3625-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1486(0-4)

Quant Time: Jun 28 12:52:12 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	8.16	152	131631	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	556305	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	398644	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1114219	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1315324	20.00	ng	0.00
86) Perylene-d12	25.21	264	1153452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1003555	122.28	ng	0.00
7) Phenol-d6	7.31	99	1396672	120.74	ng	0.00
23) Nitrobenzene-d5	9.33	82	1114907	84.82	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	925854	147.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2149120	85.50	ng	0.00
78) Terphenyl-d14	20.16	244	3411513	68.72	ng	0.00

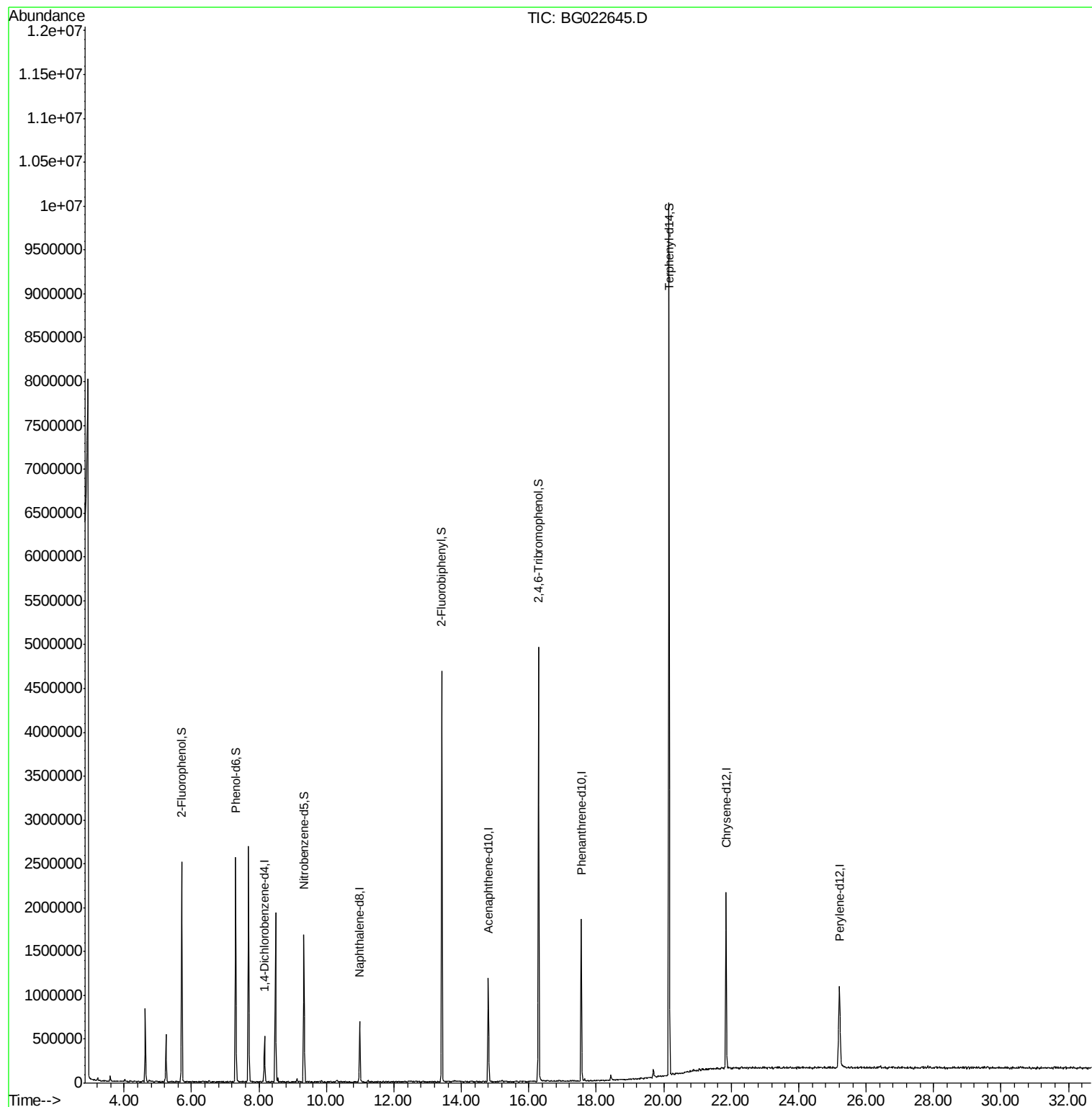
Target Compounds Qvalue

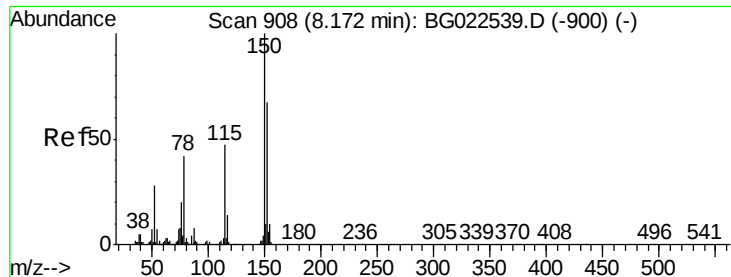
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022645.D

Acq: 27 Jun 2016 16:22

Instrument :

BNA_G

ClientSampleId :

SC-STA-1486(0-4)

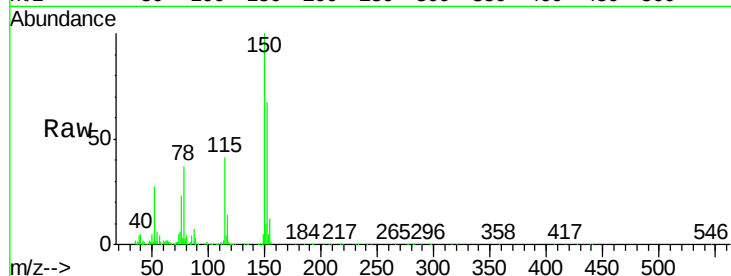
Tot Ion:152 Resp: 131631

Ion Ratio Lower Upper

152 100

150 148.4 144.7 217.1

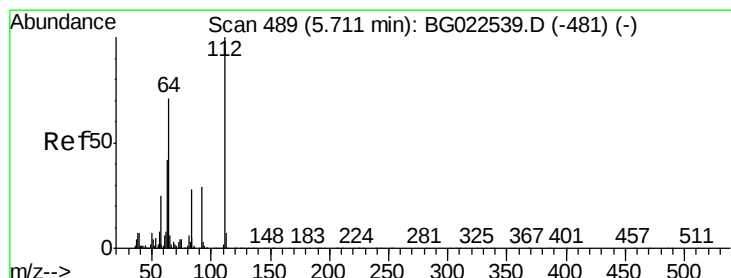
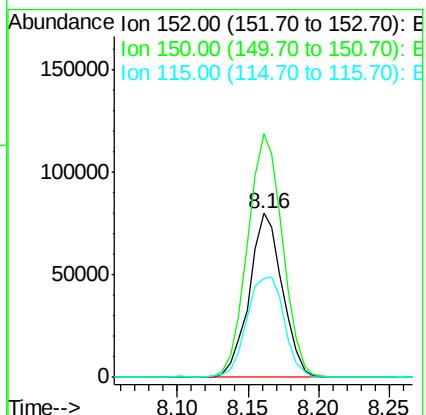
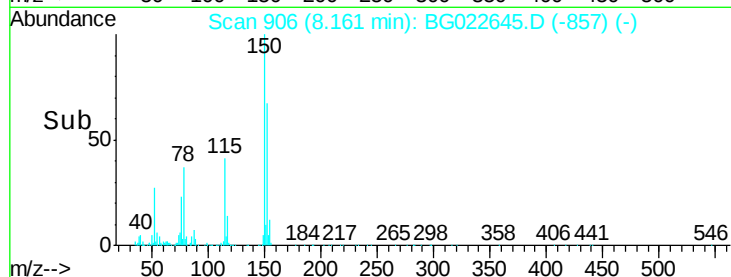
115 60.4 64.0 96.0#



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: 122.28 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022645.D

Acq: 27 Jun 2016 16:22

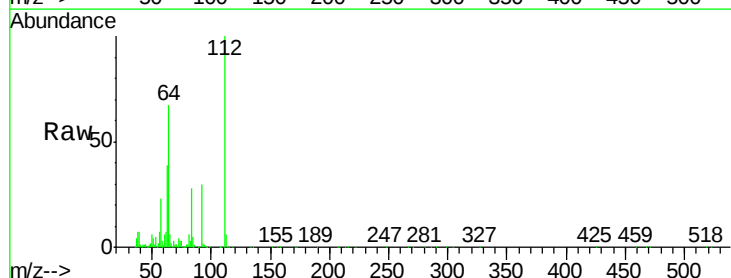
Tgt Ion:112 Resp: 1003555

Ion Ratio Lower Upper

112 100

64 66.9 59.0 88.4

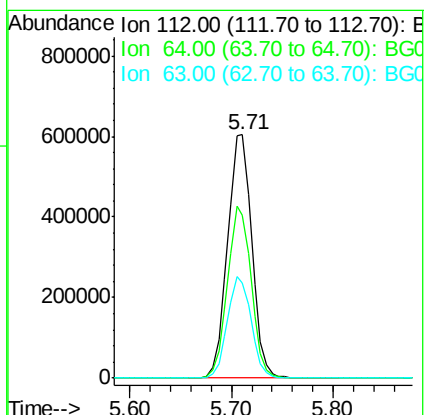
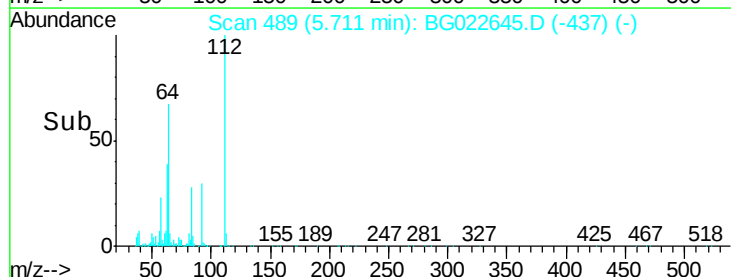
63 39.1 37.8 56.8



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: 120.74 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022645.D

Acq: 27 Jun 2016 16:22

Instrument :

BNA_G

ClientSampleId :

SC-STA-1486(0-4)

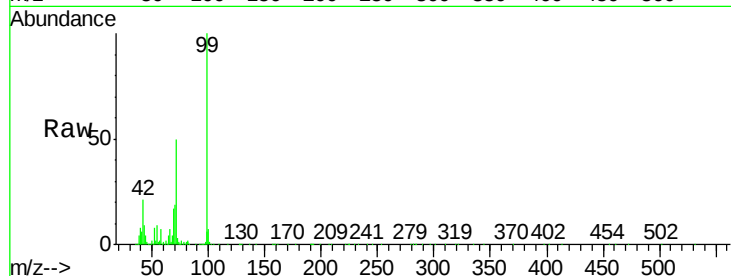
Tot Ion: 99 Resp: 1396672

Ion Ratio Lower Upper

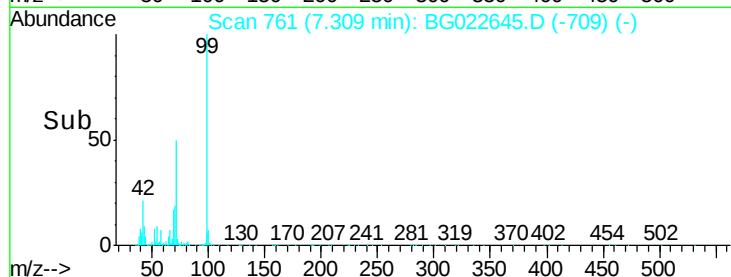
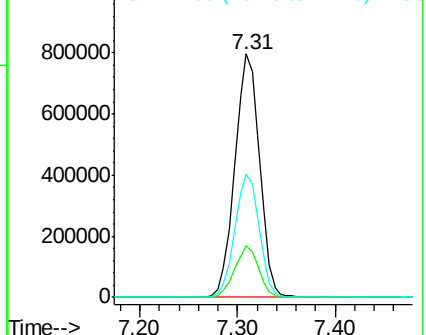
99 100

42 21.0 17.8 26.6

71 50.4 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: BG022645.D

Acq: 27 Jun 2016 16:22

Tgt Ion: 136 Resp: 556305

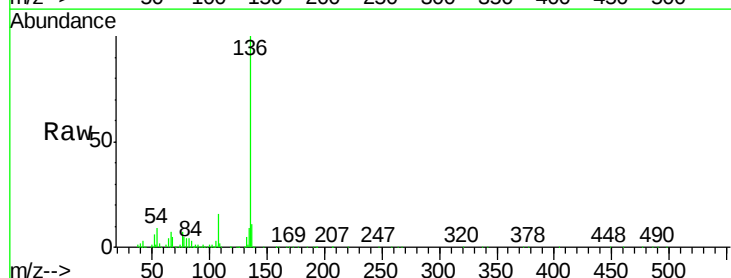
Ion Ratio Lower Upper

136 100

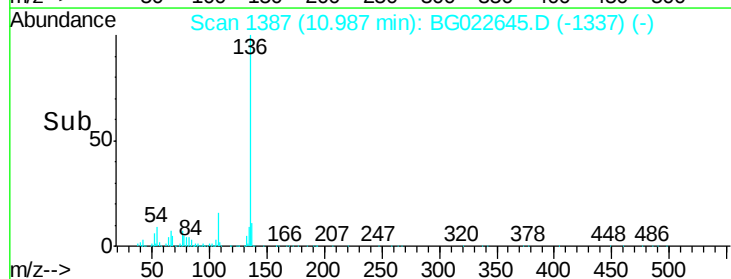
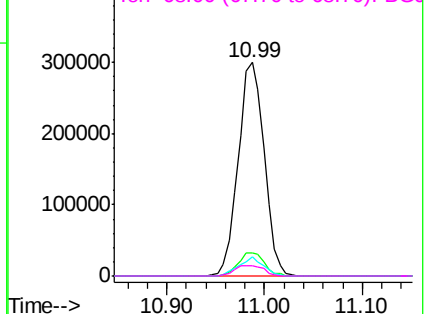
137 11.0 9.6 14.4

54 9.1 7.3 10.9

68 5.1 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

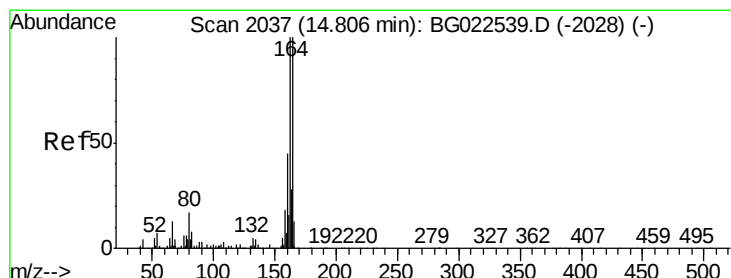
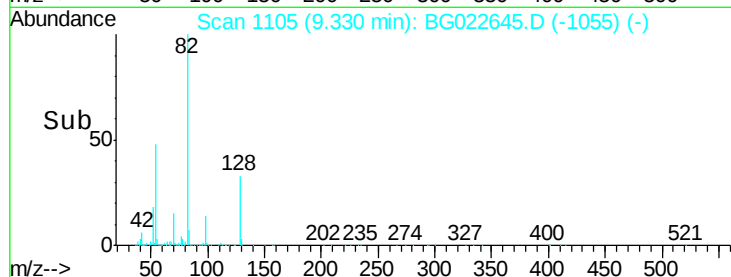
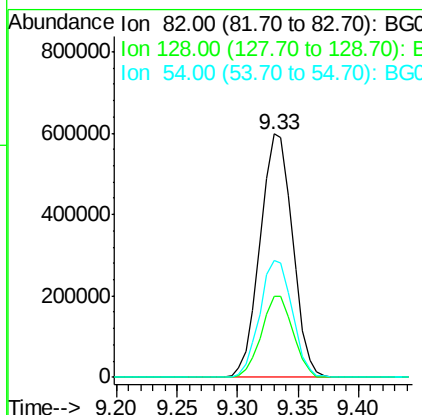
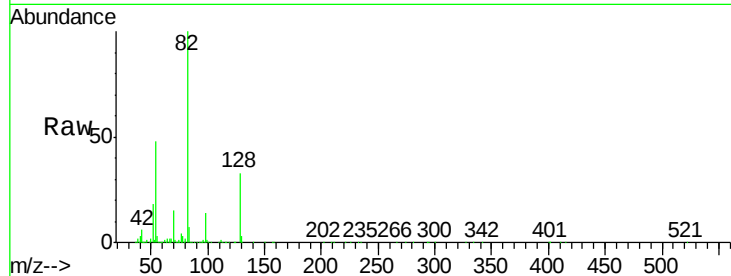




#23
Nitrobenzene-d5
Concen: 84.82 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022645.D
Acq: 27 Jun 2016 16:22

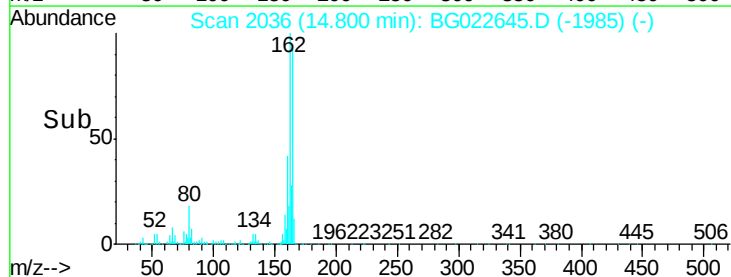
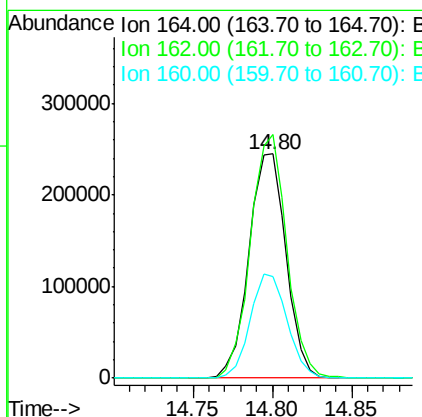
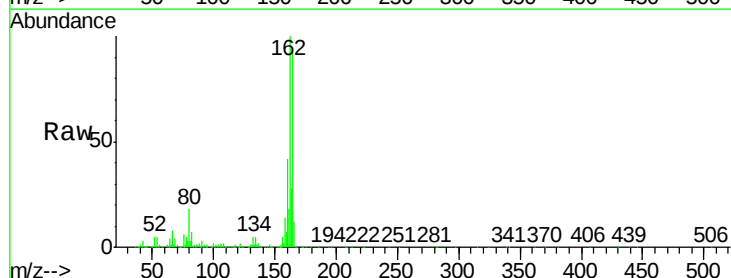
Instrument :
BNA_G
ClientSampleId :
SC-STA-1486(0-4)

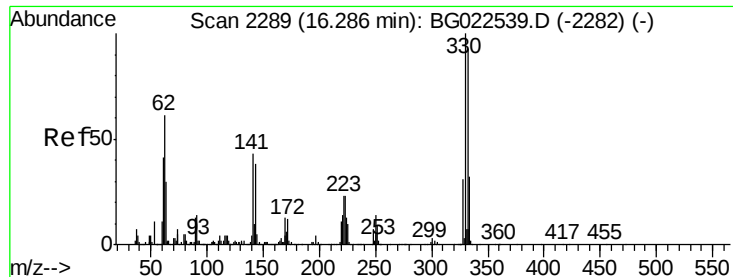
Tot Ion: 82 Resp: 1114907
Ion Ratio Lower Upper
82 100
128 33.2 24.4 36.6
54 48.0 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG022645.D
Acq: 27 Jun 2016 16:22

Tgt Ion: 164 Resp: 398644
Ion Ratio Lower Upper
164 100
162 108.7 87.7 131.5
160 45.5 37.2 55.8

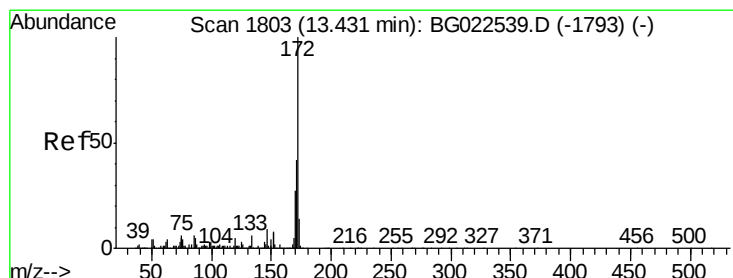
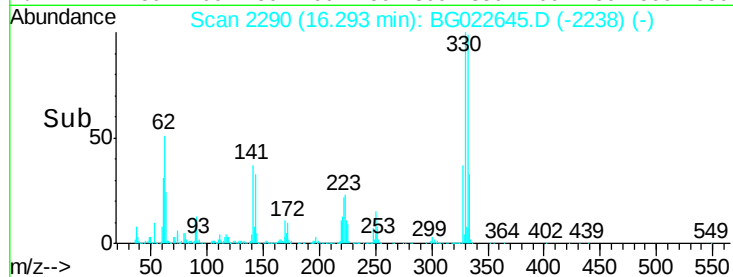
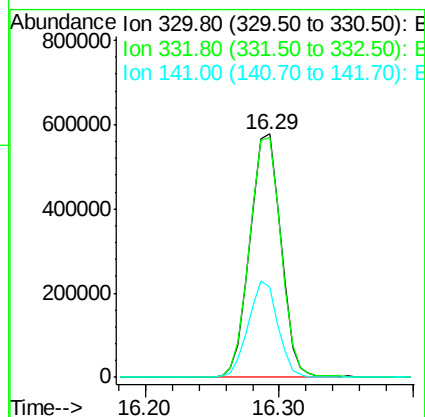
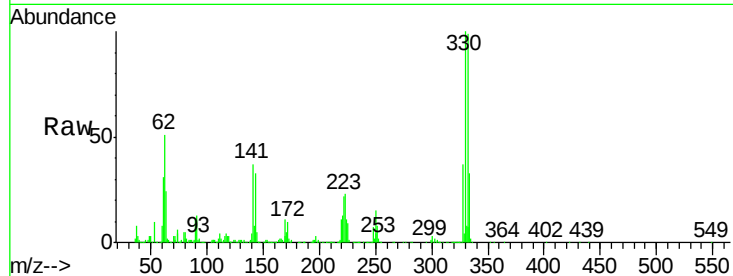




#41
 2,4,6-Tribromophenol
 Concen: 147.66 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022645.D
 Acq: 27 Jun 2016 16:22

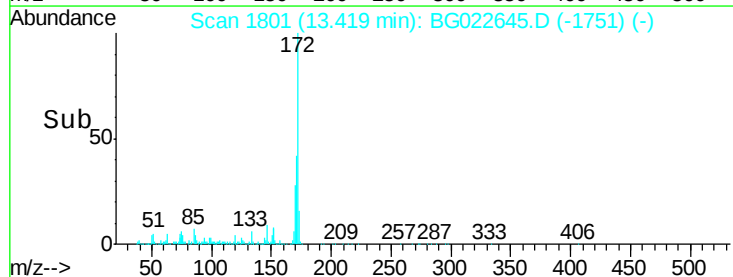
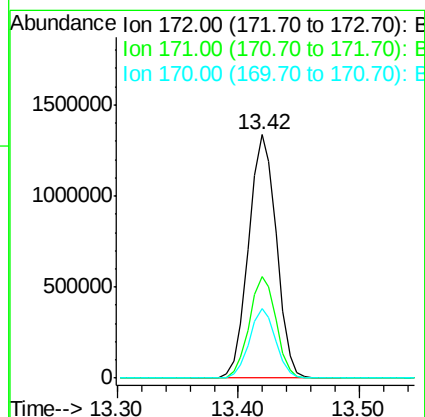
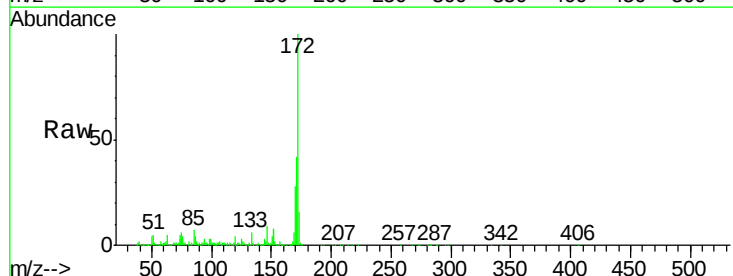
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1486(0-4)

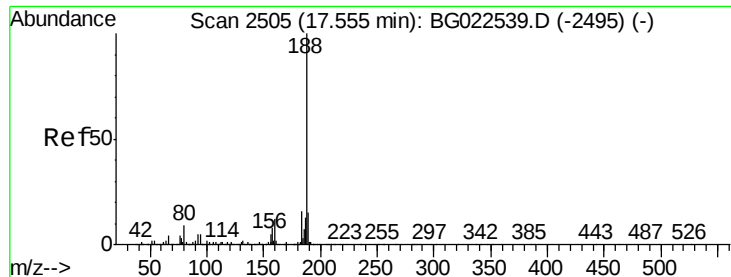
Tot Ion:330 Resp: 925854
 Ion Ratio Lower Upper
 330 100
 332 99.9 77.4 116.2
 141 37.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 85.50 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022645.D
 Acq: 27 Jun 2016 16:22

Tgt Ion:172 Resp: 2149120
 Ion Ratio Lower Upper
 172 100
 171 41.8 31.6 47.4
 170 28.4 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022645.D

Acq: 27 Jun 2016 16:22

Instrument :

BNA_G

ClientSampleId :

SC-STA-1486(0-4)

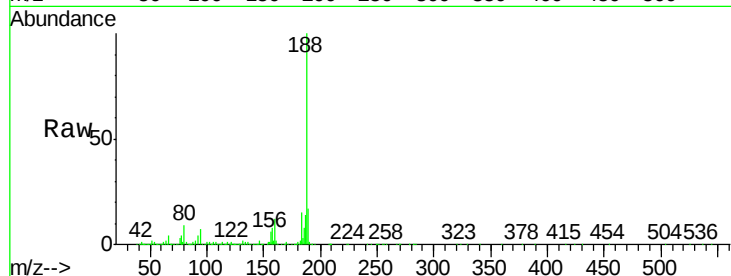
Tot Ion:188 Resp: 1114219

Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

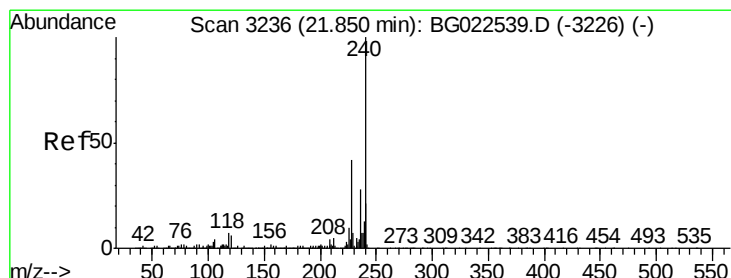
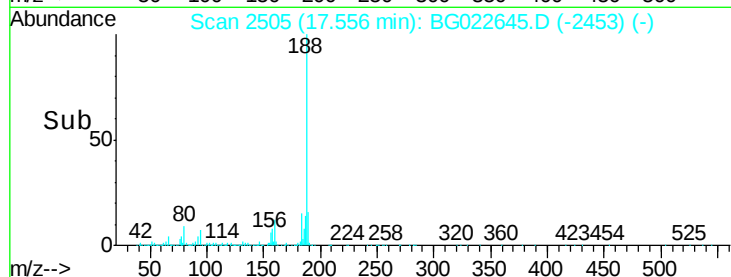
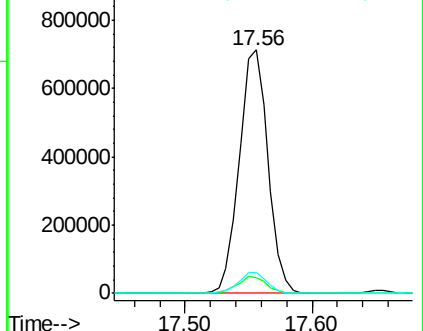
80 8.7 7.2 10.8



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# 3235

Delta R.T. -0.00 min

Lab File: BG022645.D

Acq: 27 Jun 2016 16:22

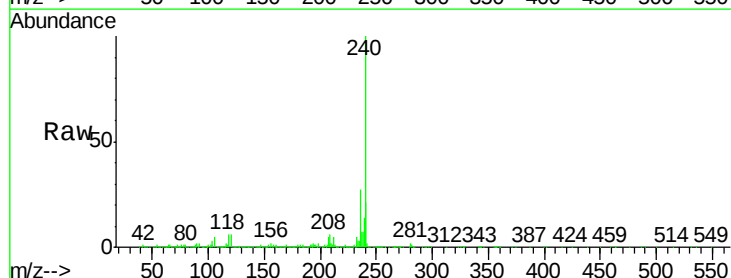
Tgt Ion:240 Resp: 1315324

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

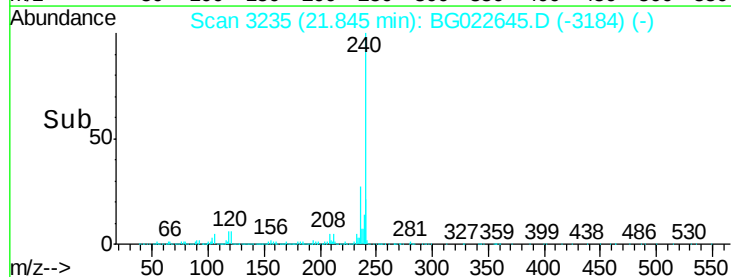
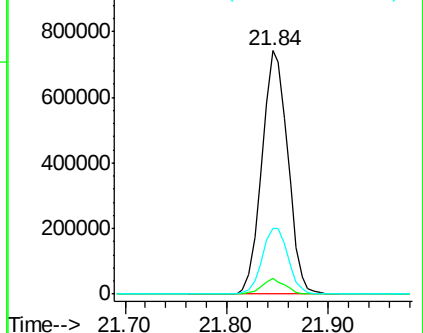
236 26.9 21.1 31.7

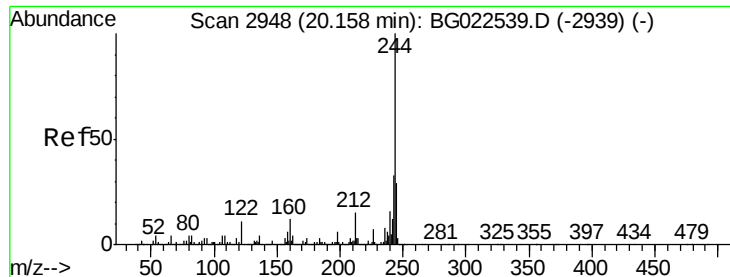


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.72 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022645.D

Acq: 27 Jun 2016 16:22

Instrument :

BNA_G

ClientSampleId :

SC-STA-1486(0-4)

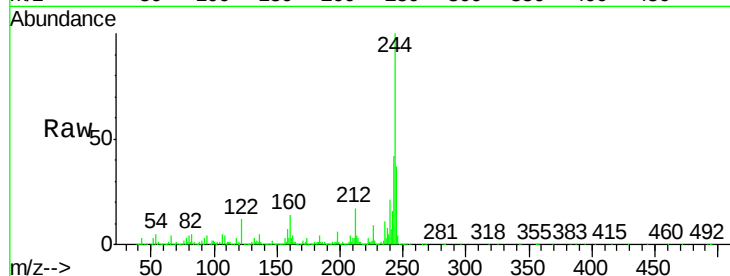
Tot Ion:244 Resp: 3411513

Ion Ratio Lower Upper

244 100

212 17.0 10.8 16.2#

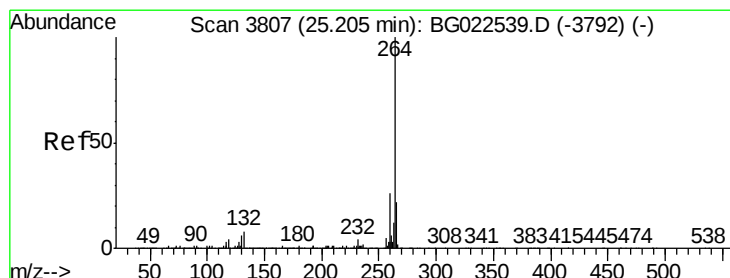
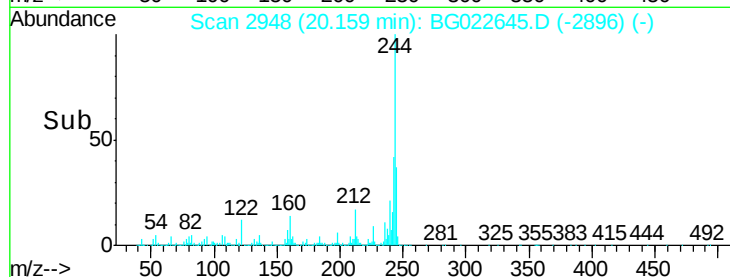
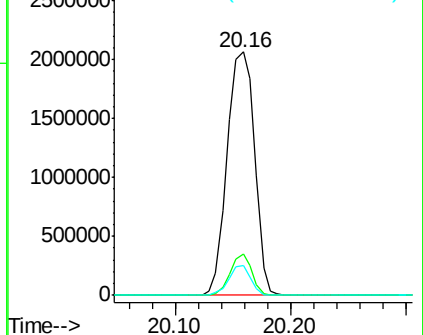
122 12.4 8.0 12.0#



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: BG022645.D

Acq: 27 Jun 2016 16:22

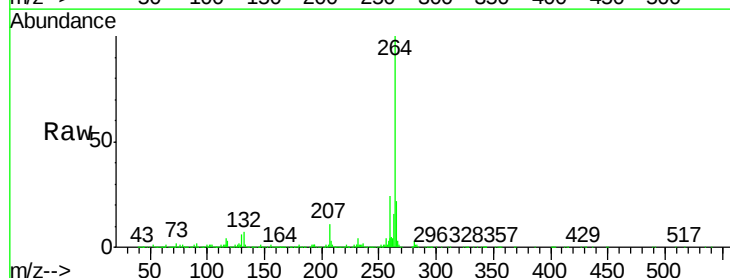
Tgt Ion:264 Resp: 1153452

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.9 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

