

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022644.D
 Acq On : 27 Jun 2016 15:42
 Operator : UM/SJ
 Sample : H3625-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 28 01:19:04 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	149018	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	637113	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	440475	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1238099	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1381557	20.00	ng	0.00
86) Perylene-d12	25.20	264	792401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1085925	116.88	ng	0.00
7) Phenol-d6	7.31	99	1488564	113.67	ng	0.01
23) Nitrobenzene-d5	9.34	82	1200004	79.72	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	1014065	146.37	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2310514	83.19	ng	0.00
78) Terphenyl-d14	20.16	244	3571226	68.49	ng	0.00

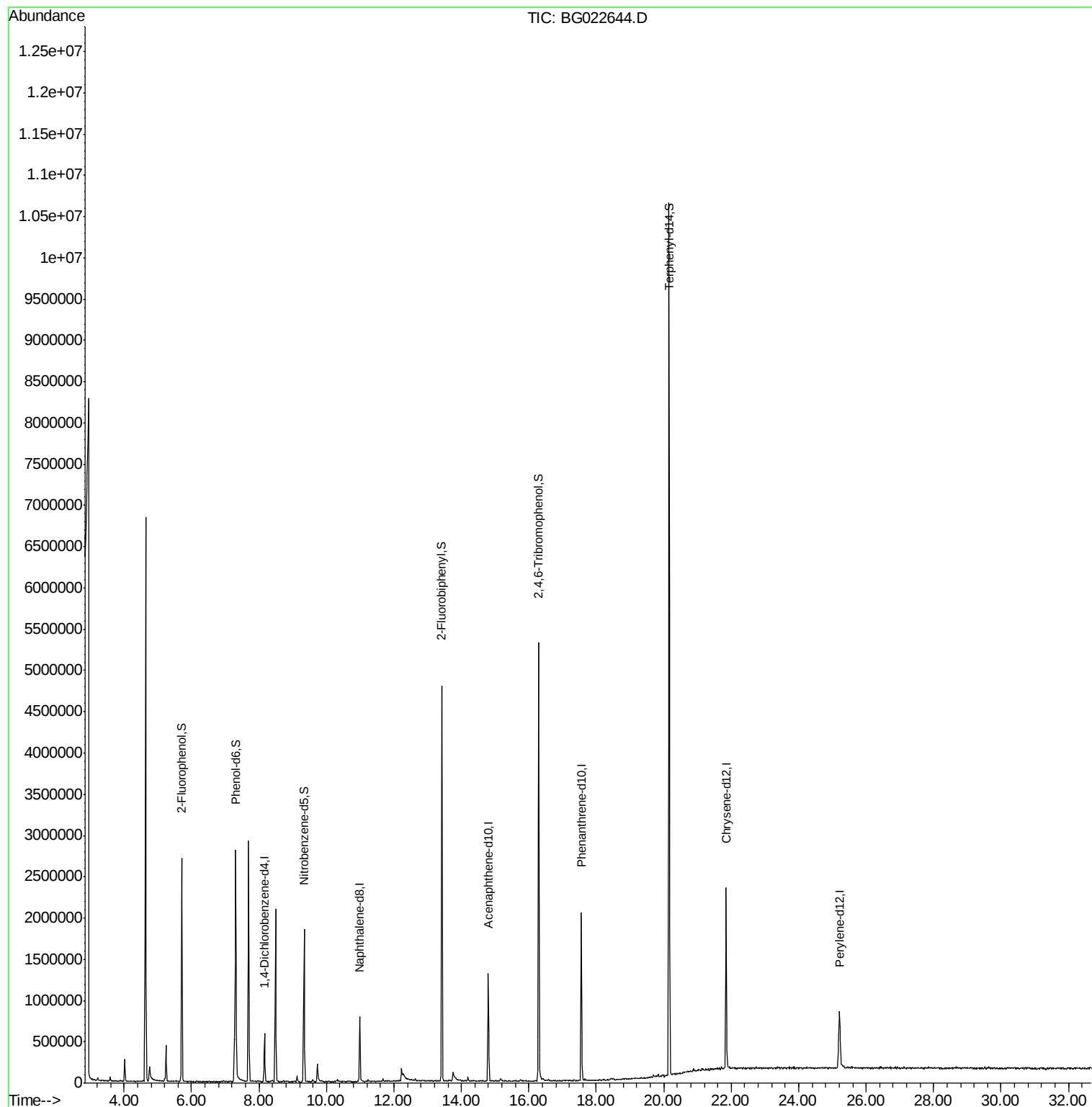
Target Compounds Qvalue

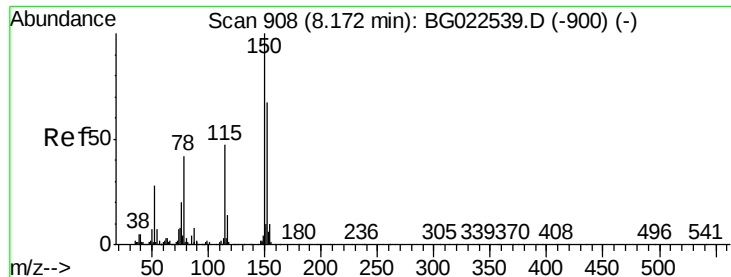
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022644.D

Acq: 27 Jun 2016 15:42

Instrument :

BNA_G

ClientSampleId :

SC-STA-1511(0-4)

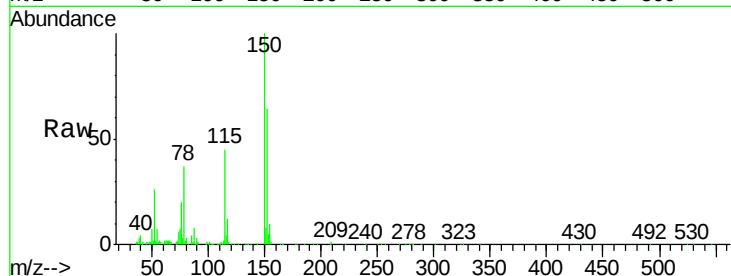
Tot Ion:152 Resp: 149018

Ion Ratio Lower Upper

152 100

150 156.5 144.7 217.1

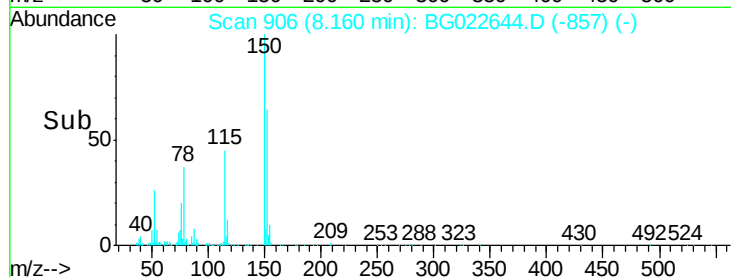
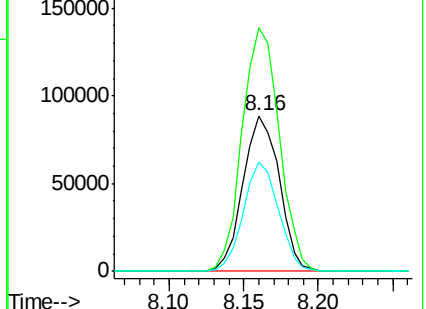
115 70.3 64.0 96.0



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: 116.88 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022644.D

Acq: 27 Jun 2016 15:42

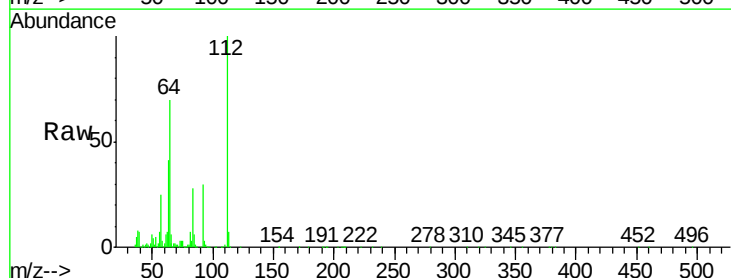
Tgt Ion:112 Resp: 1085925

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

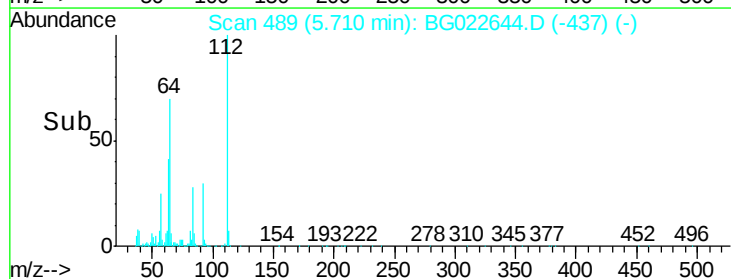
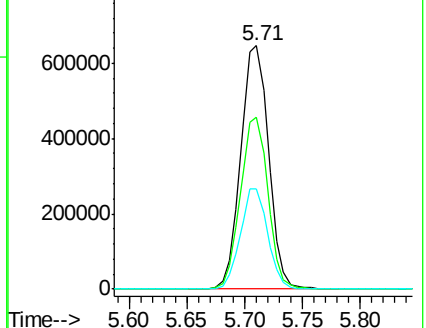
63 41.3 37.8 56.8

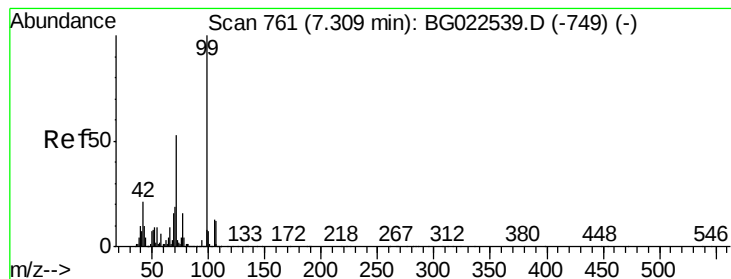


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 113.67 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022644.D

Acq: 27 Jun 2016 15:42

Instrument :

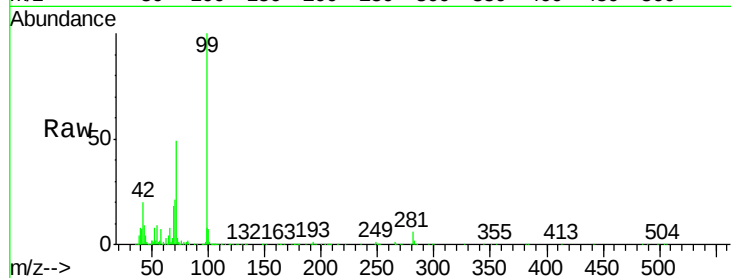
BNA_G

ClientSampleId :

SC-STA-1511(0-4)

Tot Ion: 99 Resp: 1488564

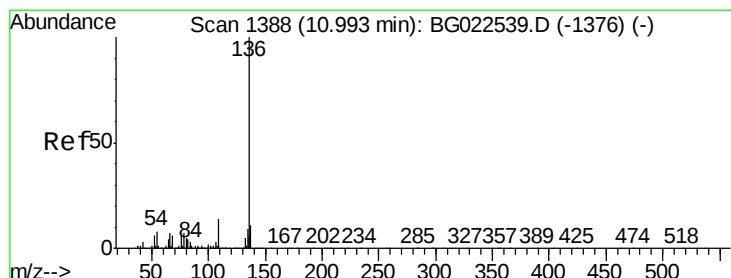
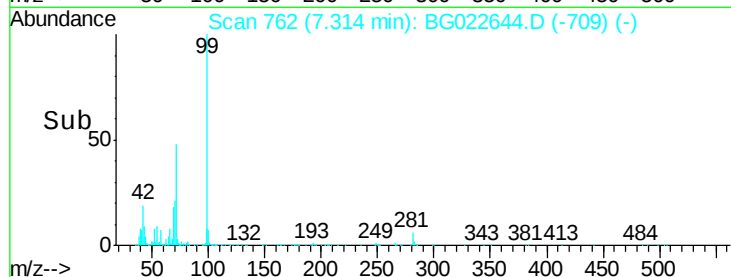
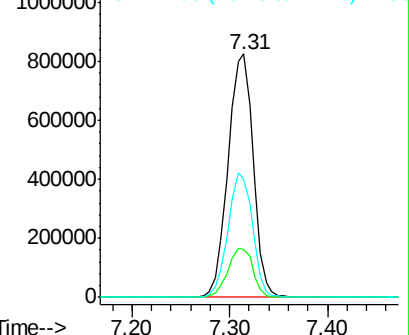
Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	48.6	41.5	62.3



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: 10.99 min Scan# 1387

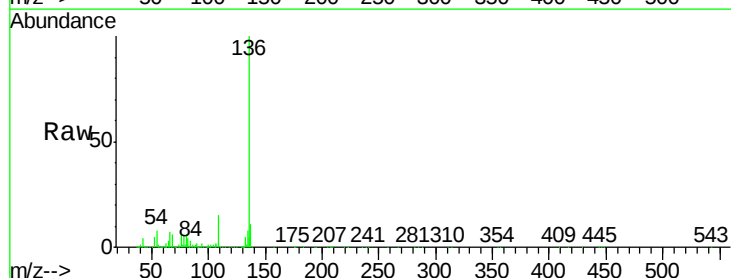
Delta R.T. -0.01 min

Lab File: BG022644.D

Acq: 27 Jun 2016 15:42

Tgt Ion: 136 Resp: 637113

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	8.4	7.3	10.9
68	6.3	5.3	7.9

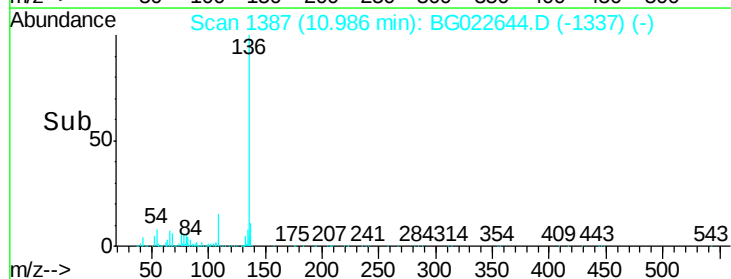
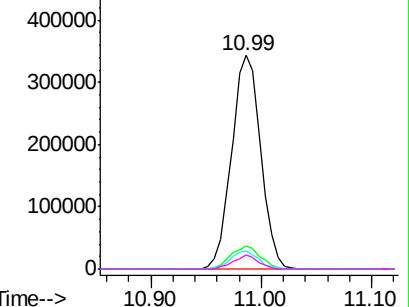


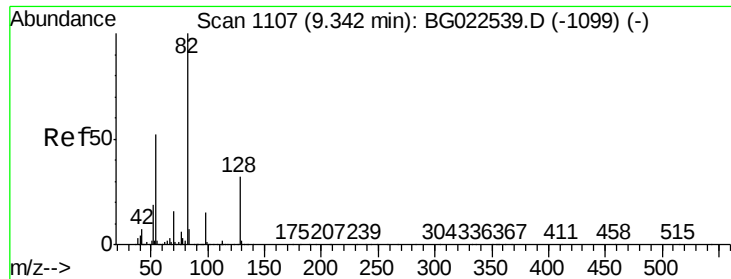
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

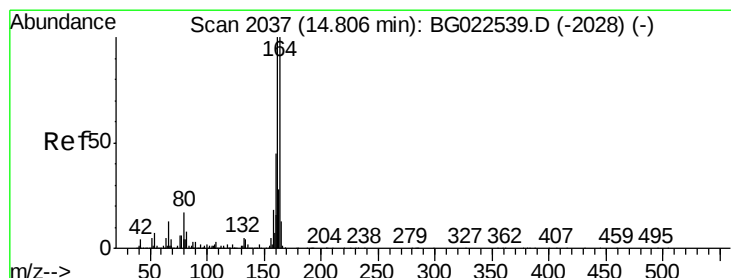
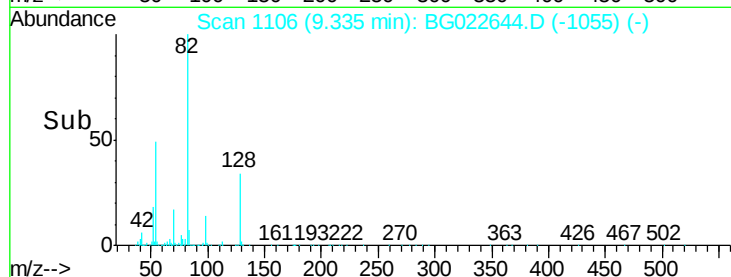
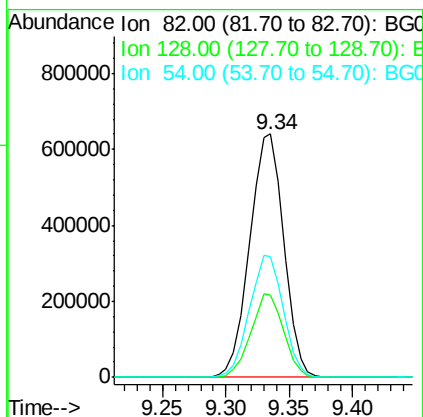
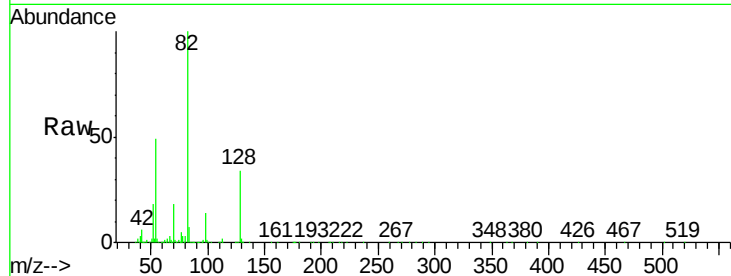




#23
Nitrobenzene-d5
Concen: 79.72 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022644.D
Acq: 27 Jun 2016 15:42

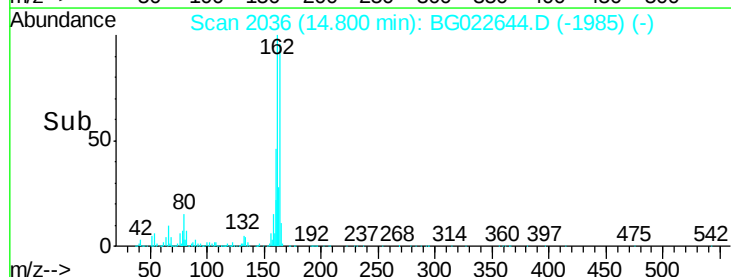
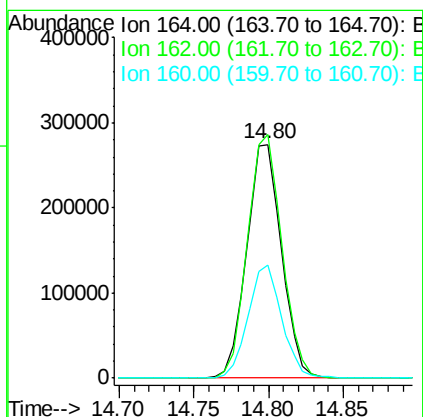
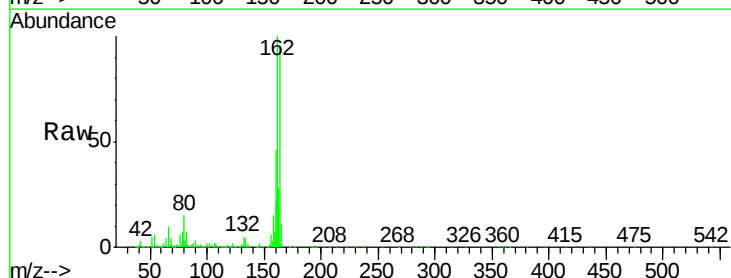
Instrument :
BNA_G
ClientSampleId :
SC-STA-1511(0-4)

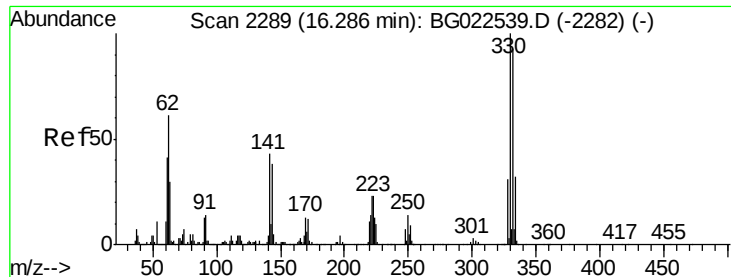
Tot Ion: 82 Resp: 1200004
Ion Ratio Lower Upper
82 100
128 34.0 24.4 36.6
54 49.4 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG022644.D
Acq: 27 Jun 2016 15:42

Tgt Ion:164 Resp: 440475
Ion Ratio Lower Upper
164 100
162 104.1 87.7 131.5
160 48.3 37.2 55.8

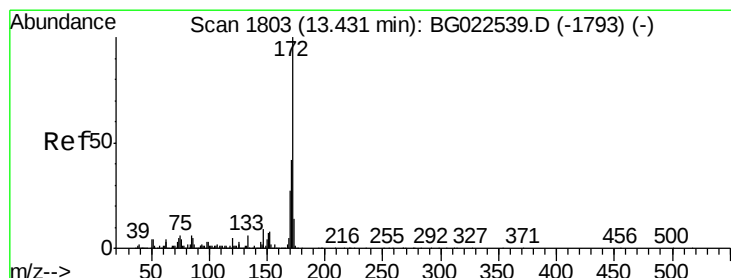
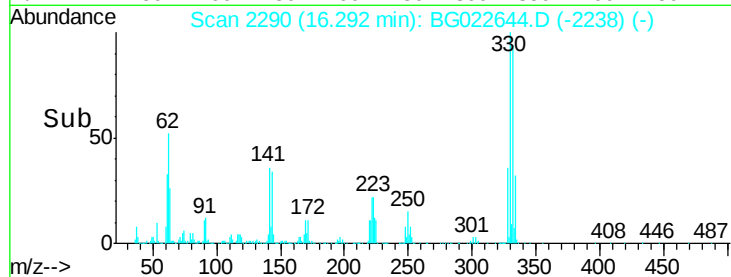
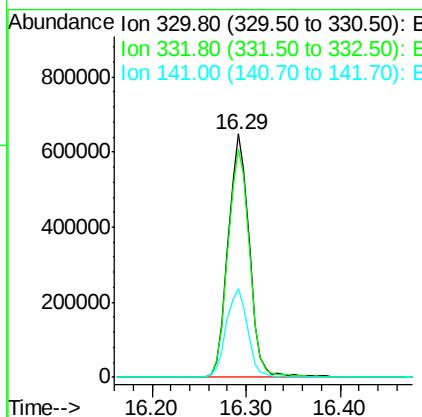
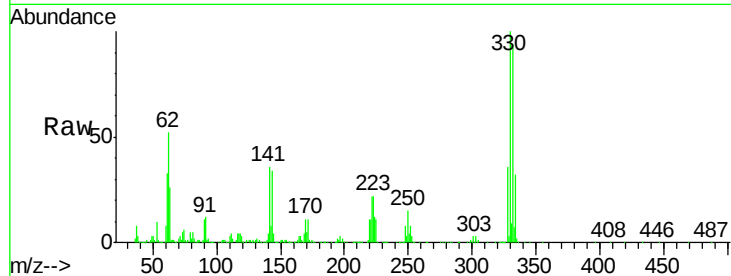




#41
 2,4,6-Tribromophenol
 Concen: 146.37 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG022644.D
 Acq: 27 Jun 2016 15:42

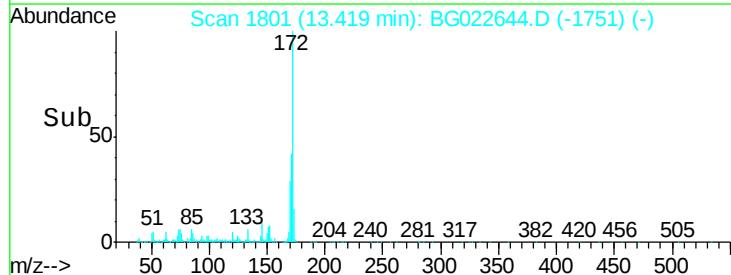
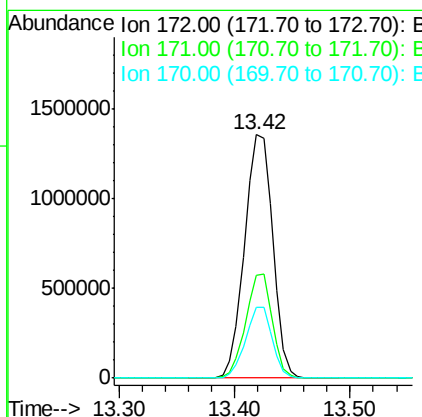
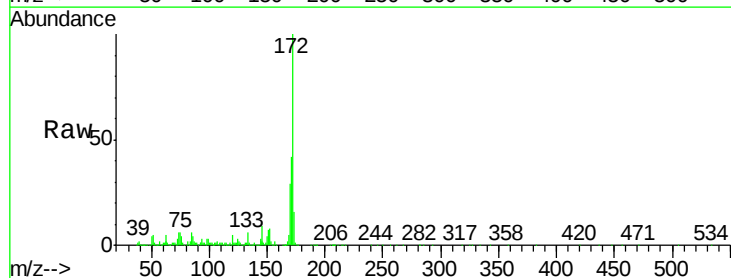
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1511(0-4)

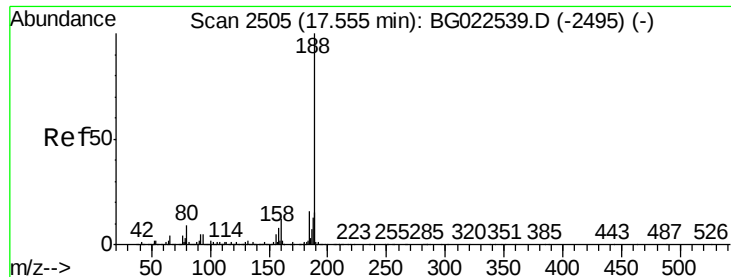
Tot Ion:330 Resp: 1014065
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 36.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022644.D
 Acq: 27 Jun 2016 15:42

Tgt Ion:172 Resp: 2310514
 Ion Ratio Lower Upper
 172 100
 171 42.1 31.6 47.4
 170 29.1 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG022644.D

Acq: 27 Jun 2016 15:42

Instrument :

BNA_G

ClientSampleId :

SC-STA-1511(0-4)

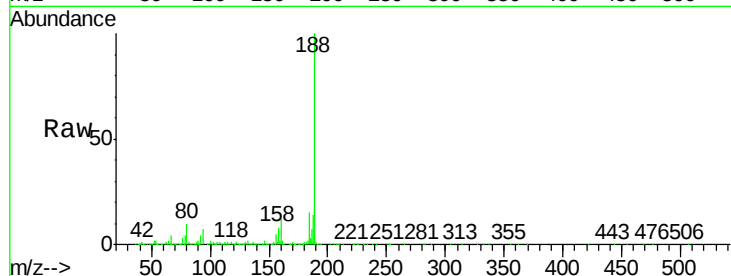
Tot Ion:188 Resp: 1238099

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

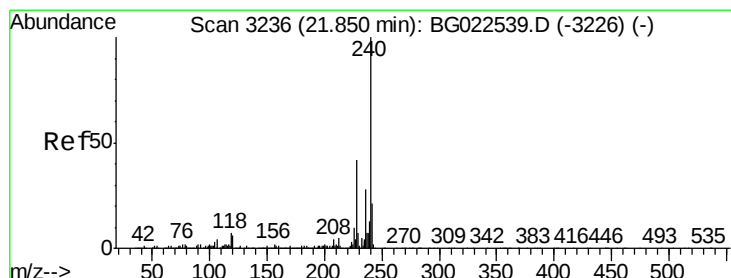
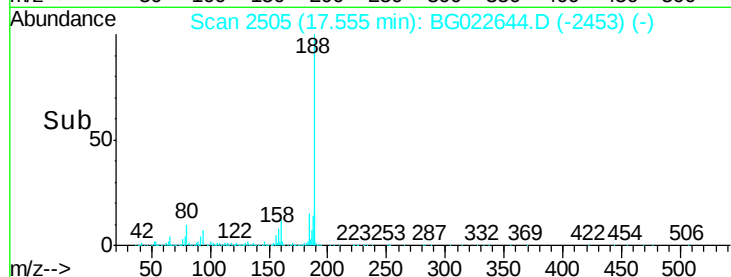
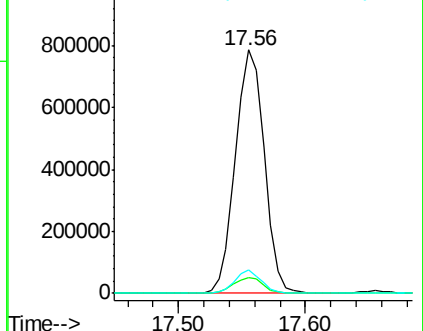
80 9.8 7.2 10.8



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: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022644.D

Acq: 27 Jun 2016 15:42

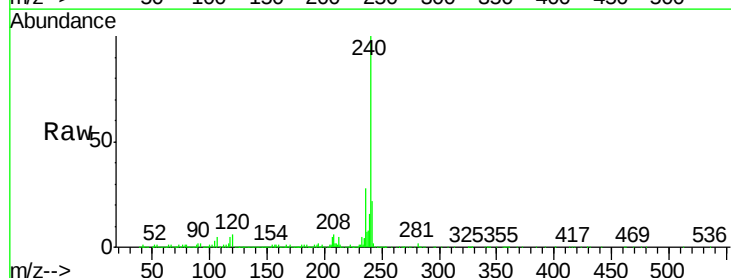
Tgt Ion:240 Resp: 1381557

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

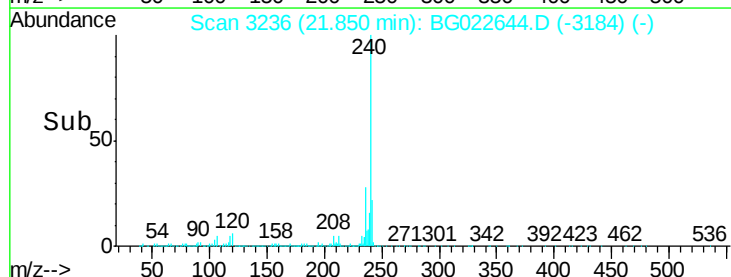
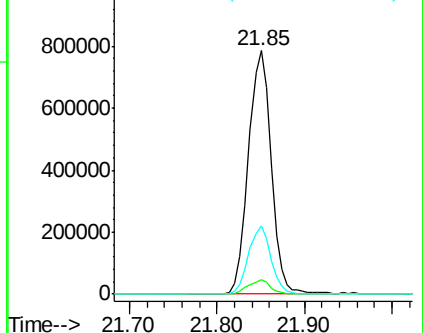
236 28.0 21.1 31.7

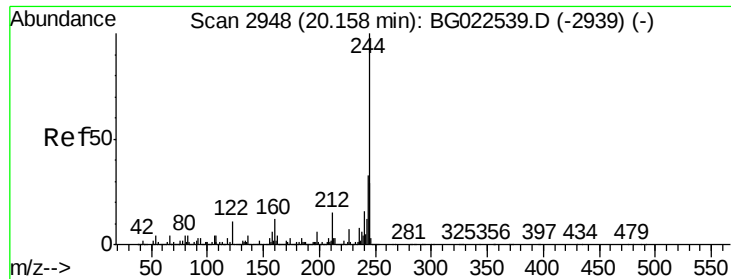


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.49 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022644.D

Acq: 27 Jun 2016 15:42

Instrument :

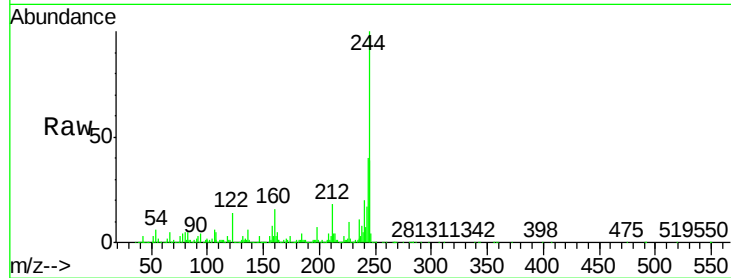
BNA_G

ClientSampleId :

SC-STA-1511(0-4)

Tot Ion:244 Resp: 3571226

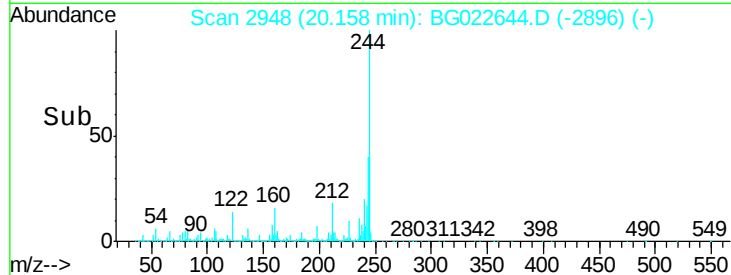
Ion	Ratio	Lower	Upper
244	100		
212	17.6	10.8	16.2#
122	13.9	8.0	12.0#



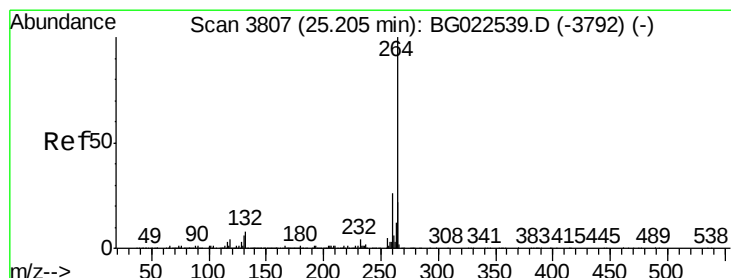
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3807

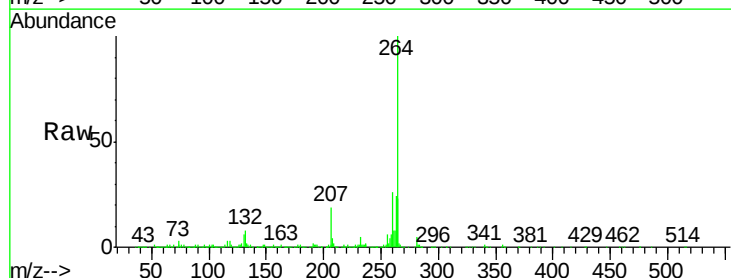
Delta R.T. -0.00 min

Lab File: BG022644.D

Acq: 27 Jun 2016 15:42

Tgt Ion:264 Resp: 792401

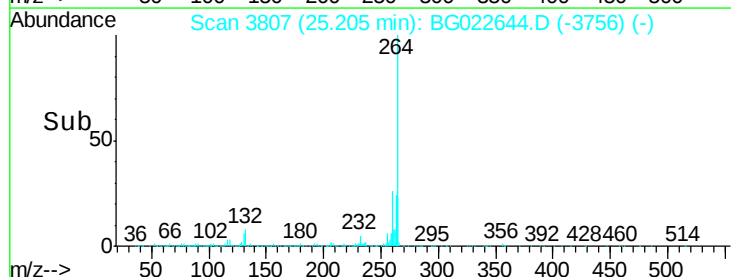
Ion	Ratio	Lower	Upper
264	100		
260	26.4	18.4	27.6
265	23.3	18.9	28.3



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



Time-->