

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022643.D
 Acq On : 27 Jun 2016 15:02
 Operator : UM/SJ
 Sample : H3625-13RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1506(0-4)

Quant Time: Jun 28 01:06:54 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

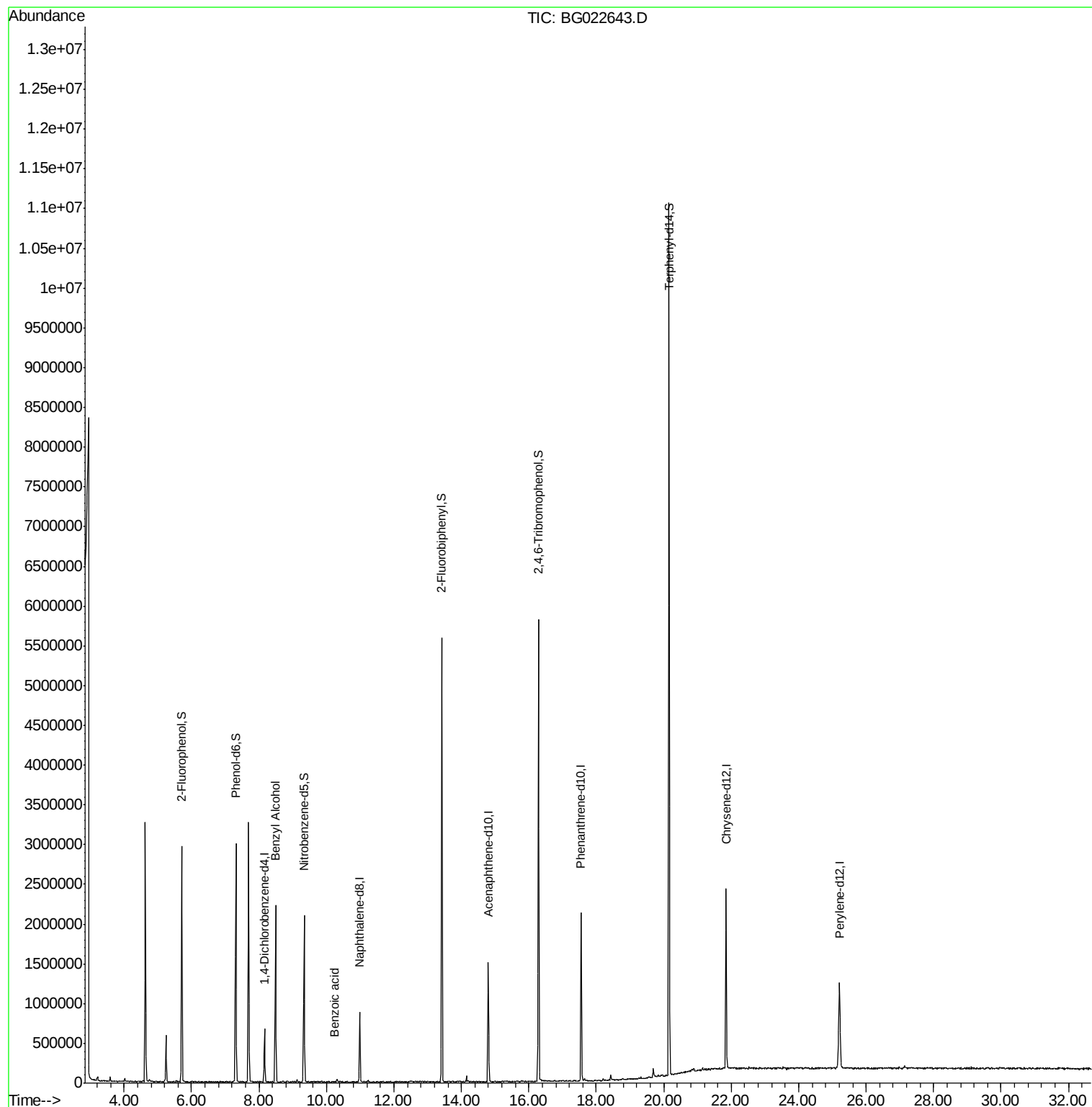
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	166307	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	707161	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	518728	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1307510	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1470992	20.00	ng	0.00
86) Perylene-d12	25.21	264	1282202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1195438	115.29	ng	0.00
7) Phenol-d6	7.31	99	1683039	115.16	ng	0.00
23) Nitrobenzene-d5	9.34	82	1344894	80.49	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	1087963	133.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2543703	77.77	ng	0.00
78) Terphenyl-d14	20.16	244	3533732	63.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	28479	2.11	ng	# 56
32) Benzoic acid	10.22	122	158	5.13	ng	# 58

(#) = 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: BG022643.D

Acq: 27 Jun 2016 15:02

Instrument :

BNA_G

ClientSampleId :

SC-STA-1506(0-4)

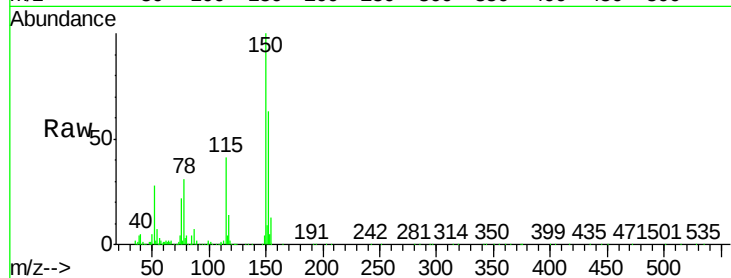
Tgt Ion:152 Resp: 166307

Ion Ratio Lower Upper

152 100

150 159.5 144.7 217.1

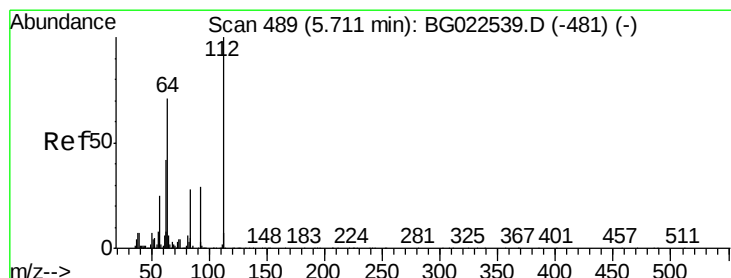
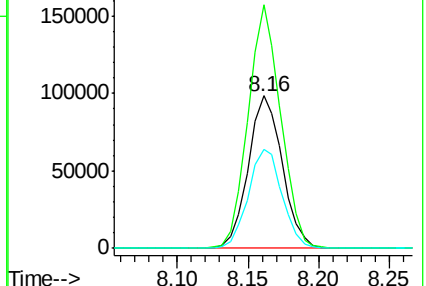
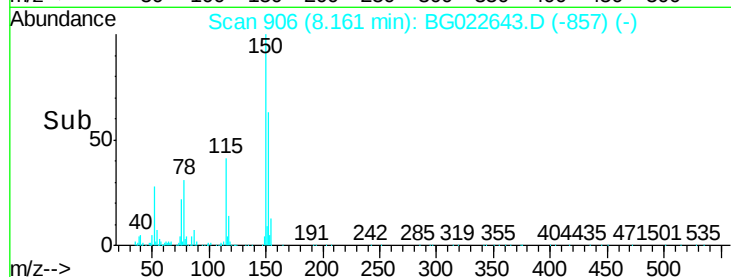
115 64.9 64.0 96.0



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: 115.29 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022643.D

Acq: 27 Jun 2016 15:02

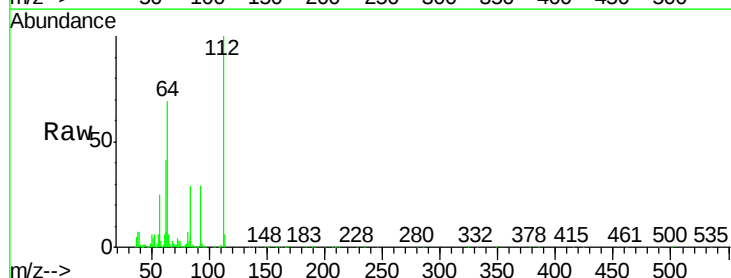
Tgt Ion:112 Resp: 1195438

Ion Ratio Lower Upper

112 100

64 69.3 59.0 88.4

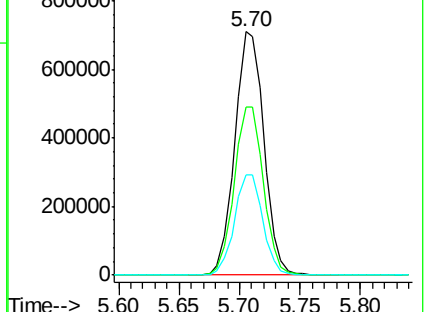
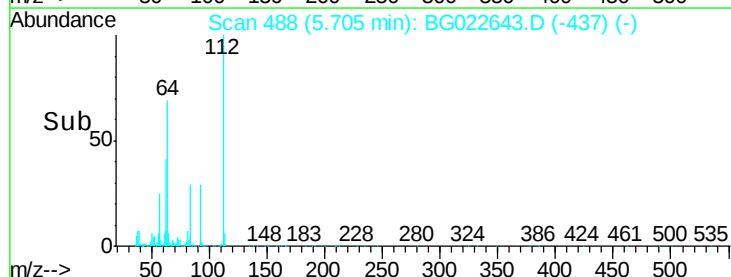
63 41.2 37.8 56.8



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: 115.16 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022643.D

Acq: 27 Jun 2016 15:02

Instrument :

BNA_G

ClientSampleId :

SC-STA-1506(0-4)

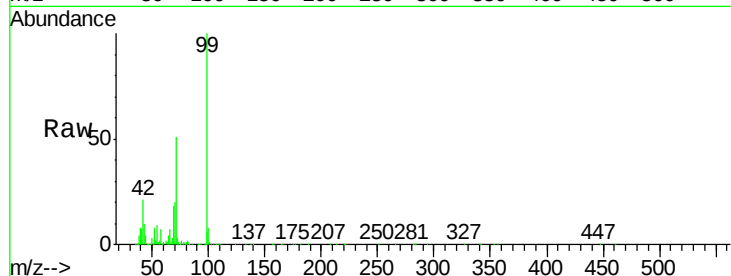
Tgt Ion: 99 Resp: 1683039

Ion Ratio Lower Upper

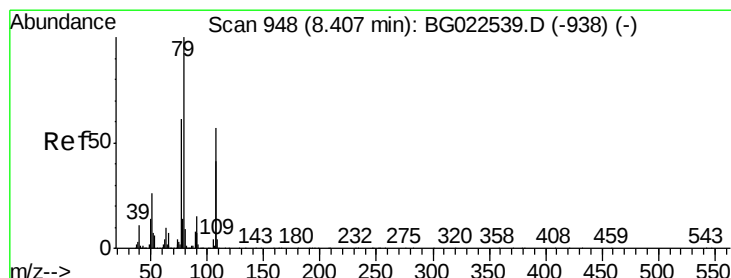
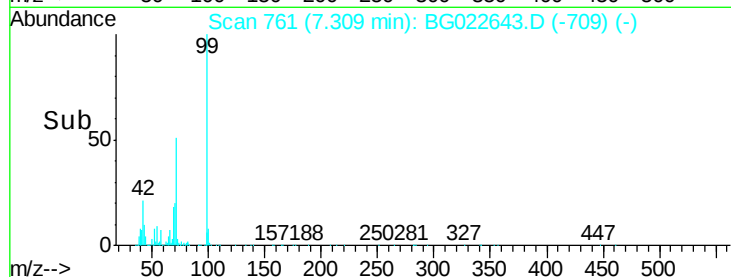
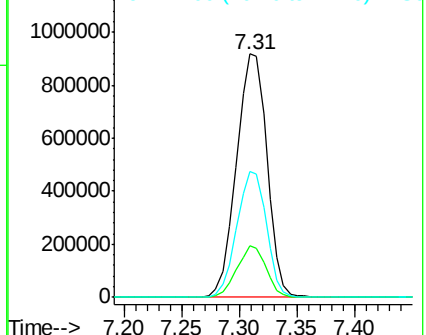
99 100

42 21.0 17.8 26.6

71 51.5 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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.09 min

Lab File: BG022643.D

Acq: 27 Jun 2016 15:02

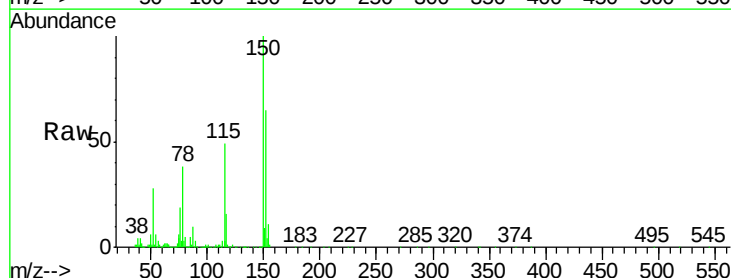
Tgt Ion: 79 Resp: 28479

Ion Ratio Lower Upper

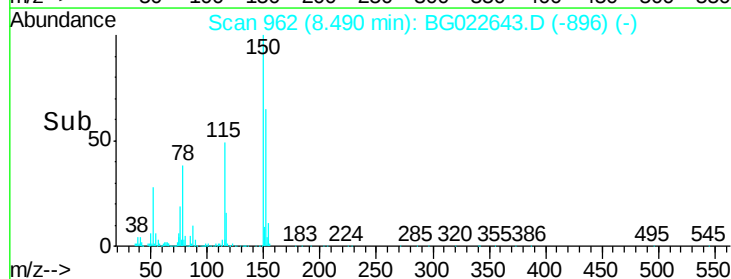
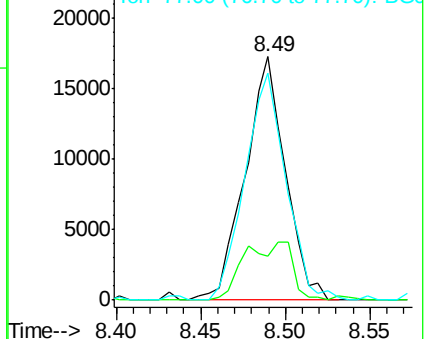
79 100

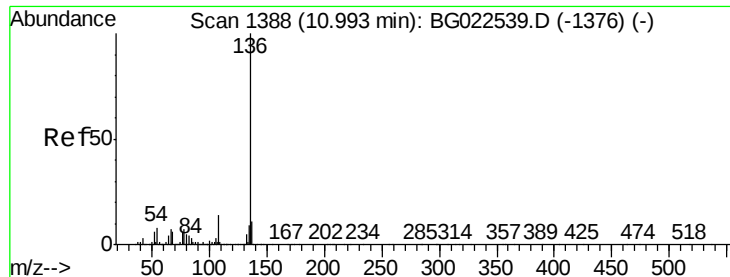
108 18.2 46.5 69.7#

77 93.2 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

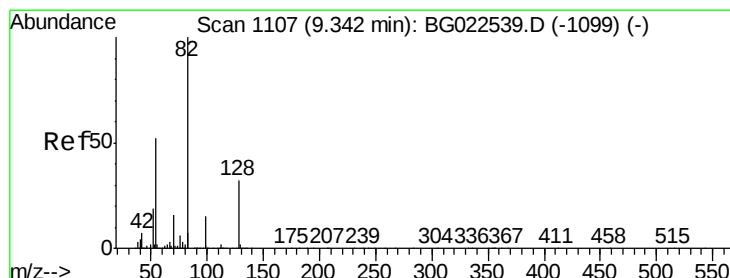
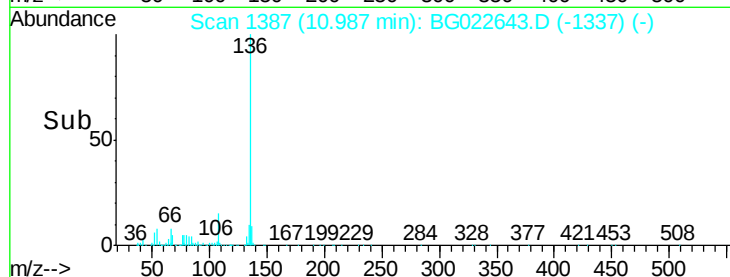
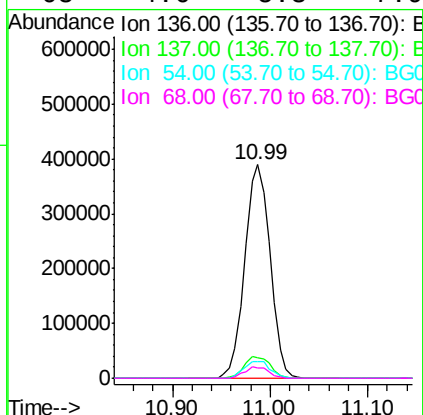
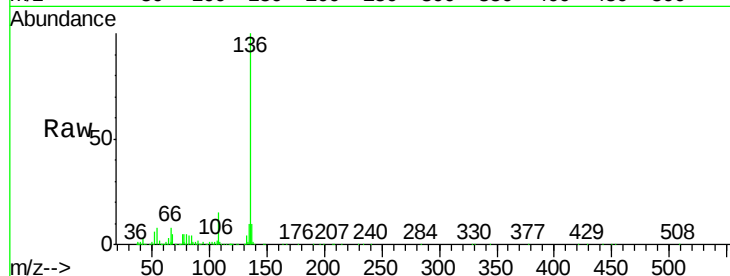




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022643.D
Acq: 27 Jun 2016 15:02

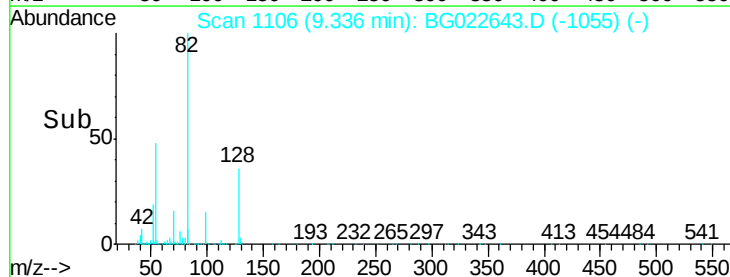
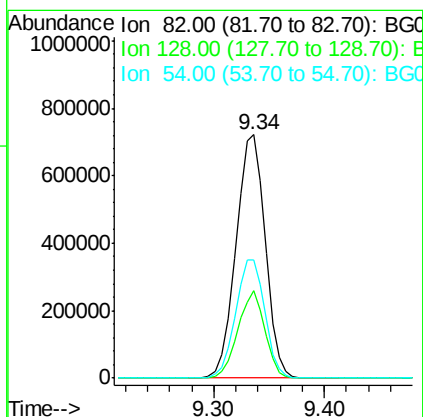
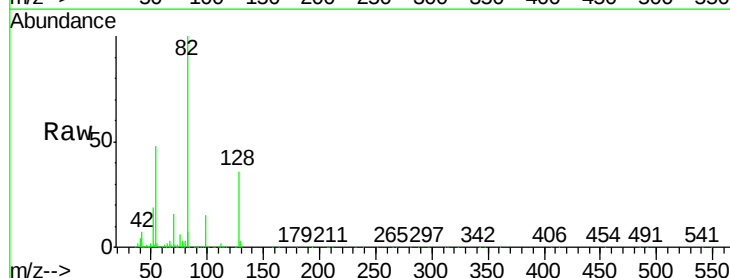
Instrument :
BNA_G
ClientSampleId :
SC-STA-1506(0-4)

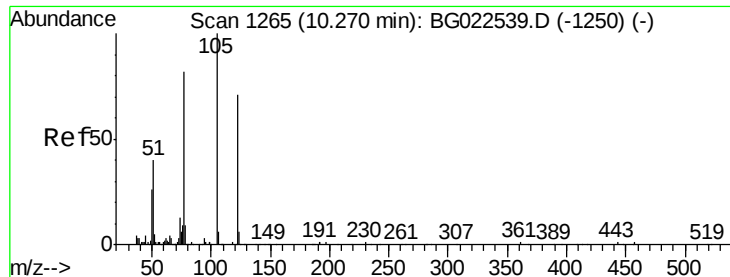
Tgt Ion:	136	Resp:	707161
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.6	14.4#
54	8.1	7.3	10.9
68	4.6	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 80.49 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022643.D
Acq: 27 Jun 2016 15:02

Tgt Ion:	82	Resp:	1344894
Ion	Ratio	Lower	Upper
82	100		
128	36.1	24.4	36.6
54	48.5	41.4	62.0





#32

Benzoic acid

Concen: 5.13 ng

RT: 10.22 min Scan# 1257

Delta R.T. 0.02 min

Lab File: BG022643.D

Acq: 27 Jun 2016 15:02

Instrument :

BNA_G

ClientSampleId :

SC-STA-1506(0-4)

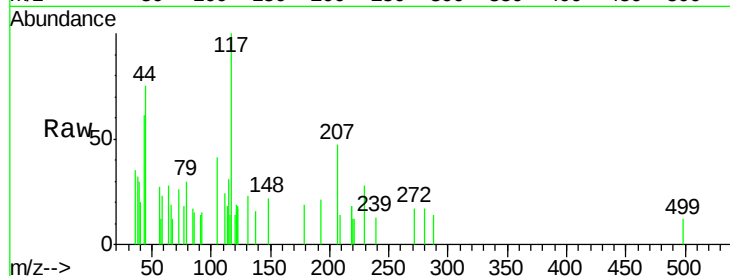
Tgt Ion:122 Resp: 158

Ion Ratio Lower Upper

122 100

105 115.4 117.2 157.2#

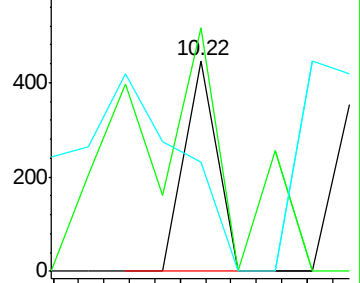
77 51.9 109.2 149.2#



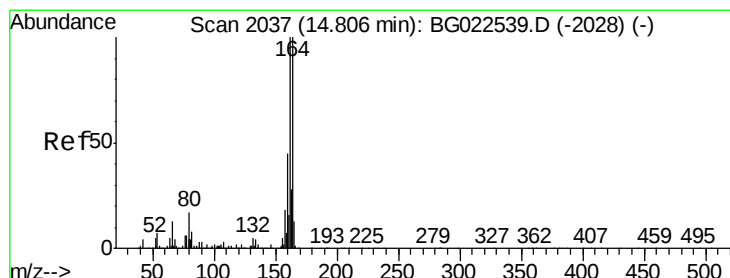
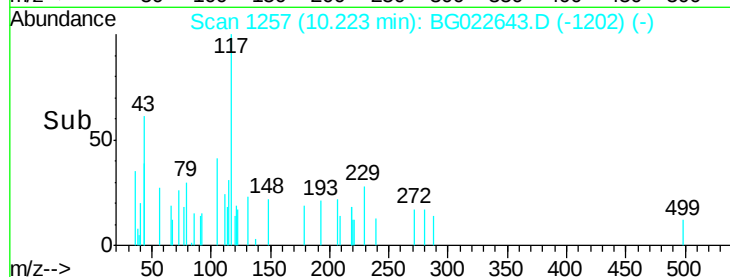
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time--> 10.20 10.22 10.24



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022643.D

Acq: 27 Jun 2016 15:02

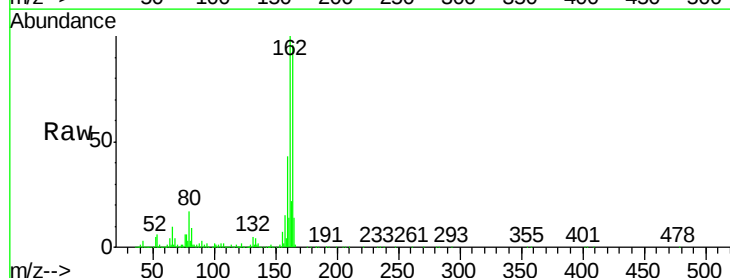
Tgt Ion:164 Resp: 518728

Ion Ratio Lower Upper

164 100

162 104.3 87.7 131.5

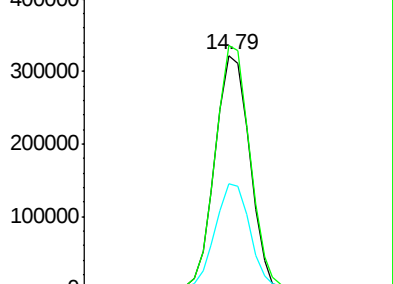
160 45.1 37.2 55.8



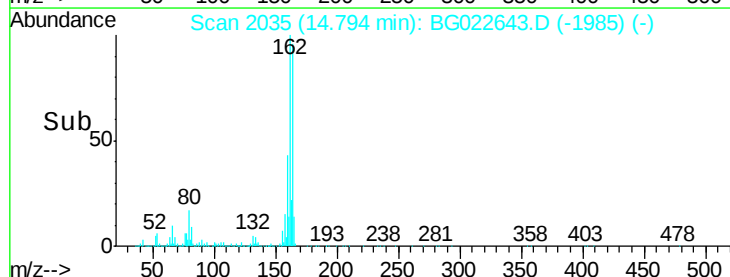
Abundance Ion 164.00 (163.70 to 164.70): E

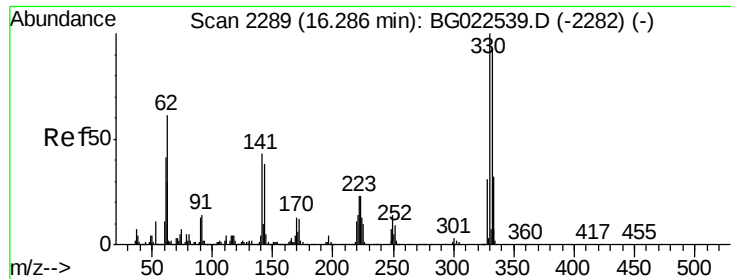
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.70 14.75 14.80 14.85

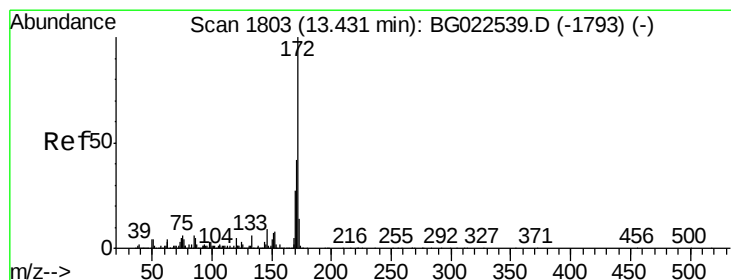
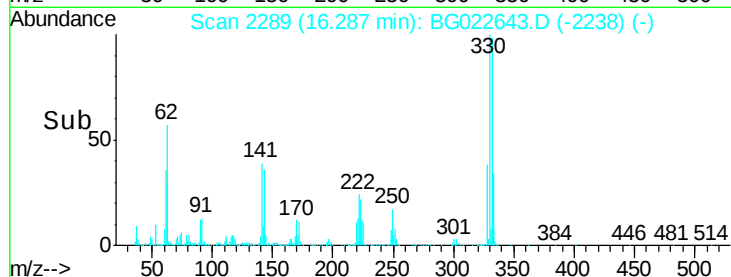
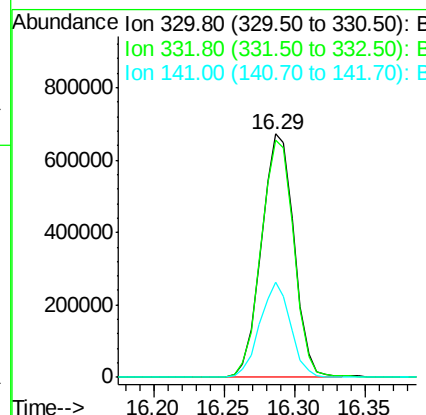
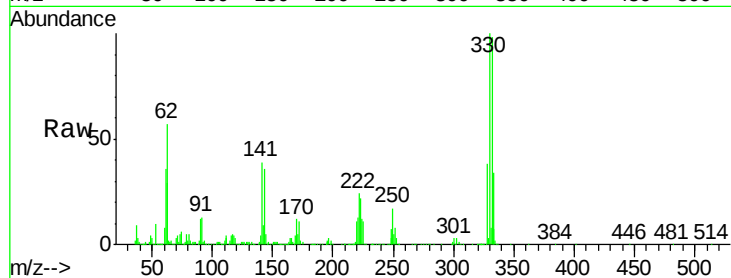




#41
 2,4,6-Tribromophenol
 Concen: 133.35 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG022643.D
 Acq: 27 Jun 2016 15:02

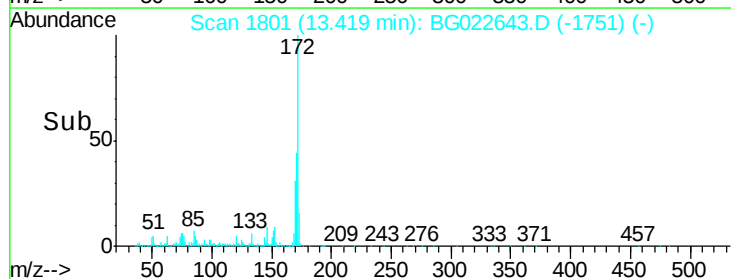
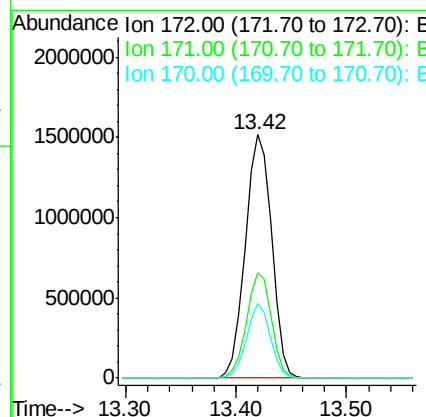
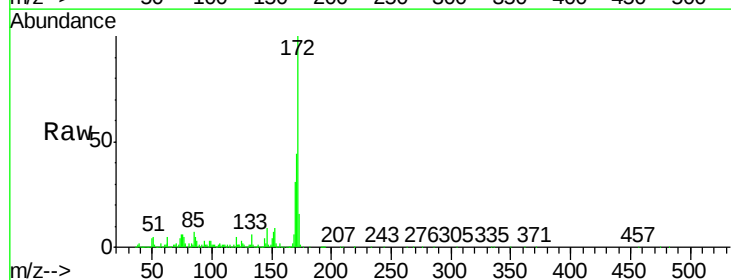
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1506(0-4)

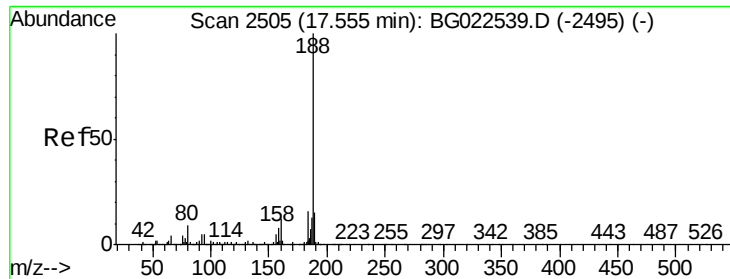
Tgt Ion:330 Resp: 1087963
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.4 116.2
 141 37.2 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 77.77 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022643.D
 Acq: 27 Jun 2016 15:02

Tgt Ion:172 Resp: 2543703
 Ion Ratio Lower Upper
 172 100
 171 43.5 31.6 47.4
 170 30.7 21.3 31.9

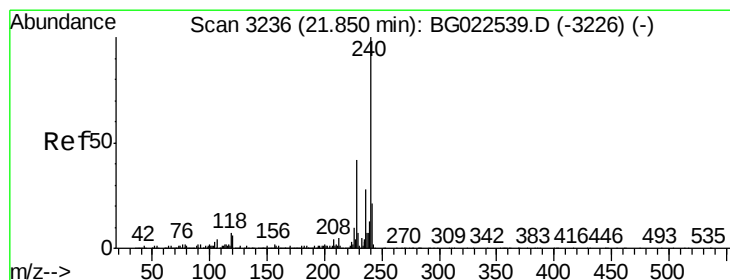
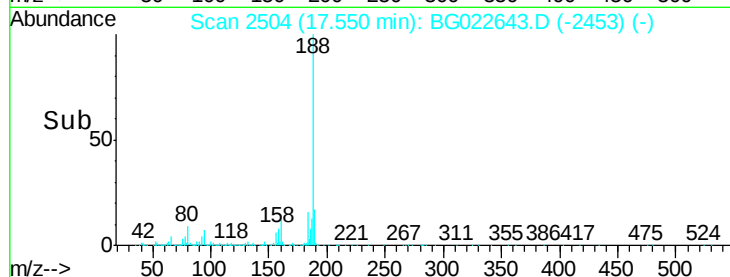
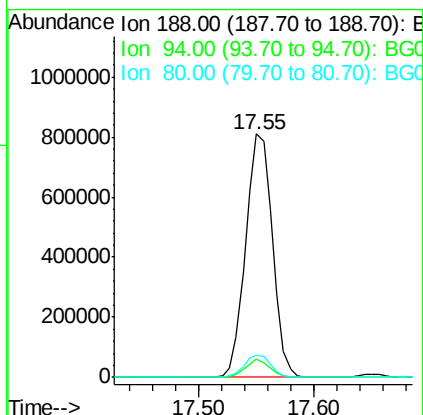
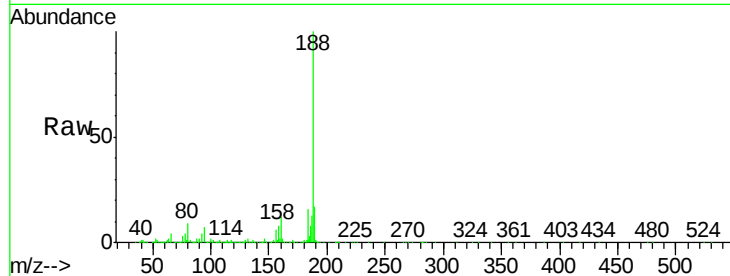




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022643.D
Acq: 27 Jun 2016 15:02

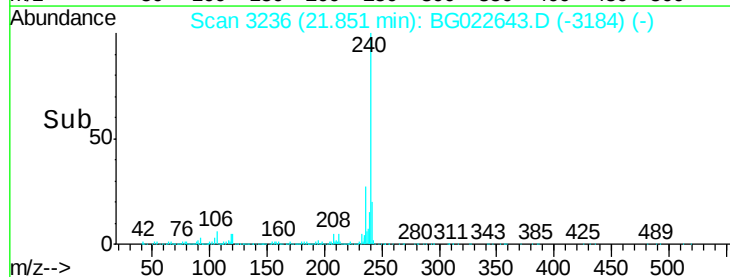
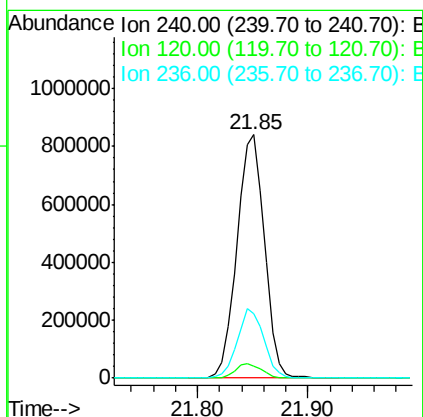
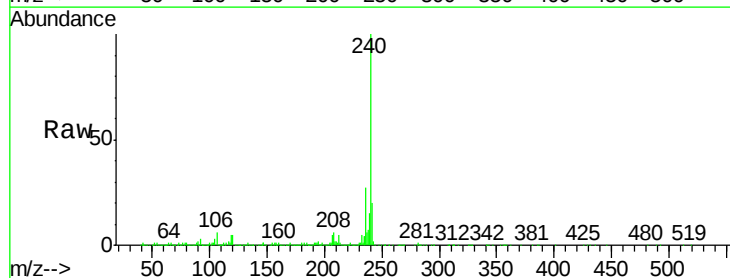
Instrument :
BNA_G
ClientSampleId :
SC-STA-1506(0-4)

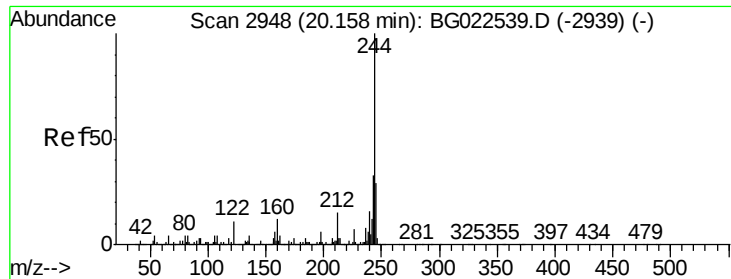
Tgt Ion:188 Resp: 1307510
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 9.1 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022643.D
Acq: 27 Jun 2016 15:02

Tgt Ion:240 Resp: 1470992
Ion Ratio Lower Upper
240 100
120 5.0 4.1 6.1
236 26.7 21.1 31.7





#78

Terphenyl-d14

Concen: 63.65 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022643.D

Acq: 27 Jun 2016 15:02

Instrument :

BNA_G

ClientSampleId :

SC-STA-1506(0-4)

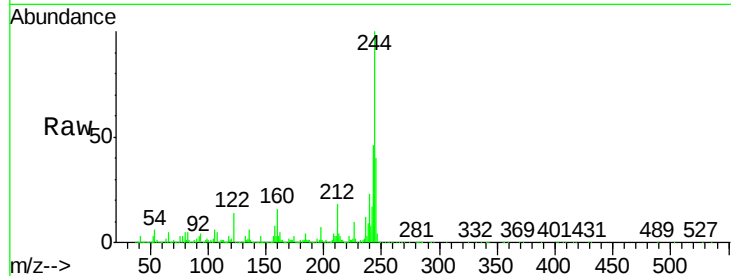
Tgt Ion:244 Resp: 3533732

Ion Ratio Lower Upper

244 100

212 18.5 10.8 16.2#

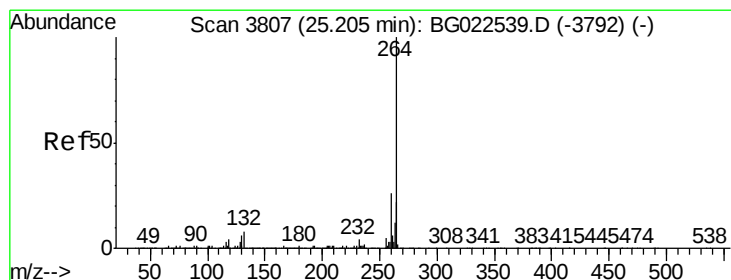
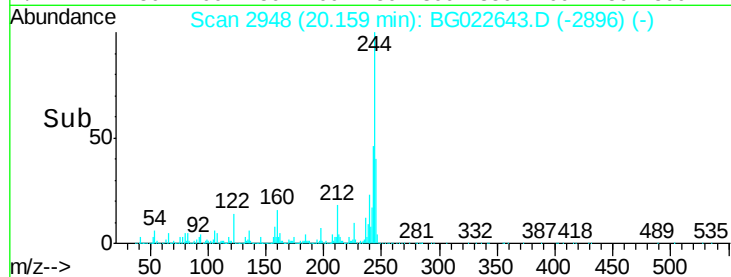
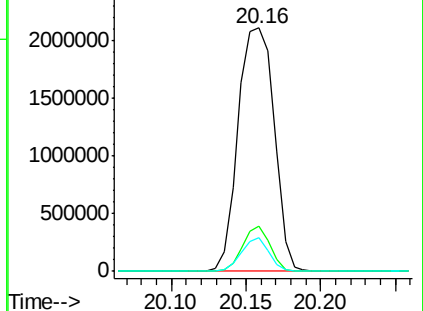
122 13.6 8.0 12.0#



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: BG022643.D

Acq: 27 Jun 2016 15:02

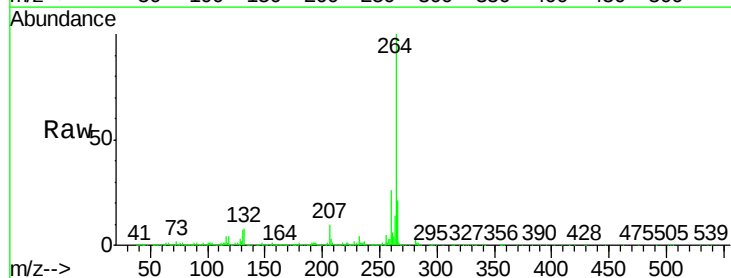
Tgt Ion:264 Resp: 1282202

Ion Ratio Lower Upper

264 100

260 26.4 18.4 27.6

265 21.4 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

