

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

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

Quant Time: Jun 28 01:07:07 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

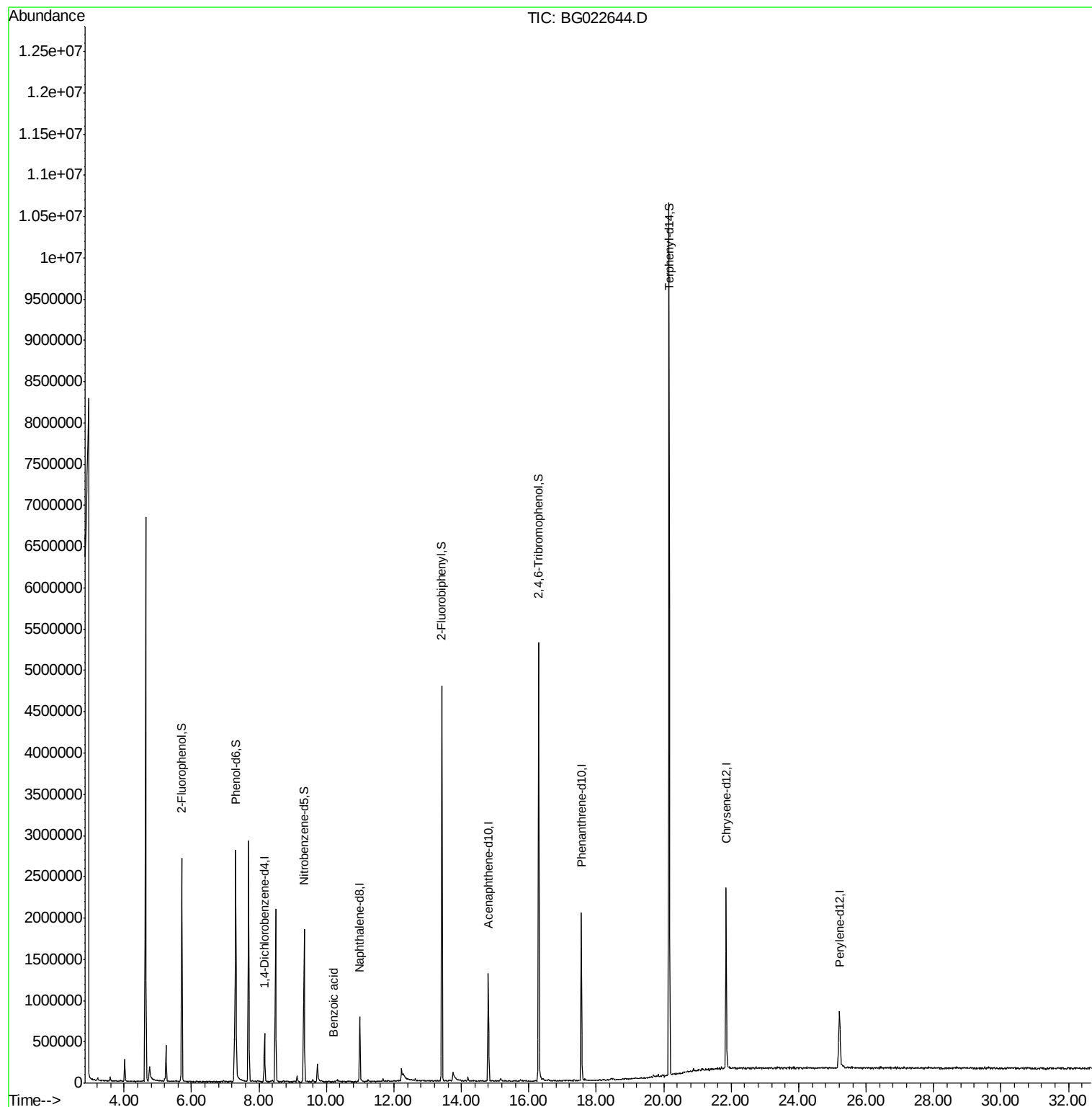
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	149018	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	637113	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	440475	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1238099	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1381557	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						
32) Benzoic acid	10.20	122	276	5.15	ng	Qvalue # 70

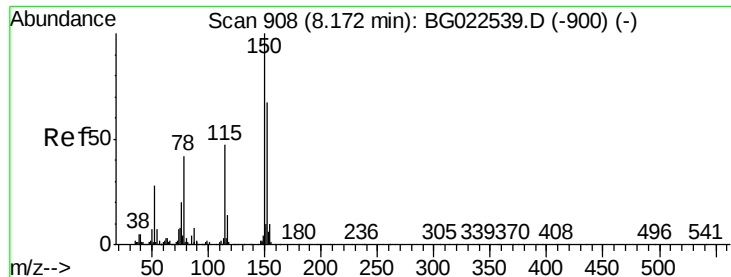
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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)

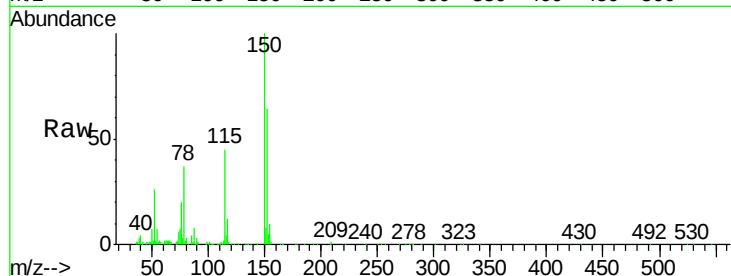
Tgt Ion:152 Resp: 149018

Ion Ratio Lower Upper

152 100

150 156.5 144.7 217.1

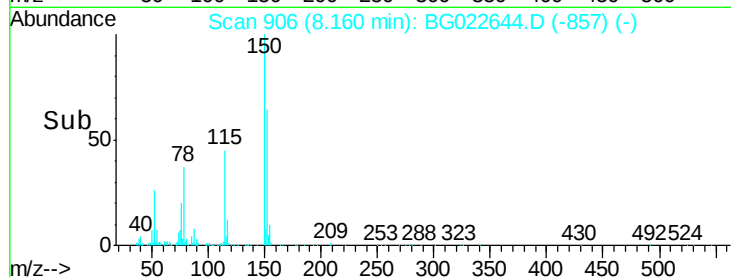
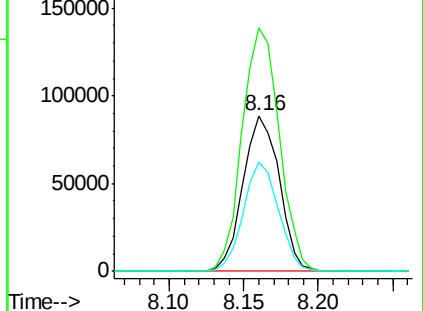
115 70.3 64.0 96.0



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

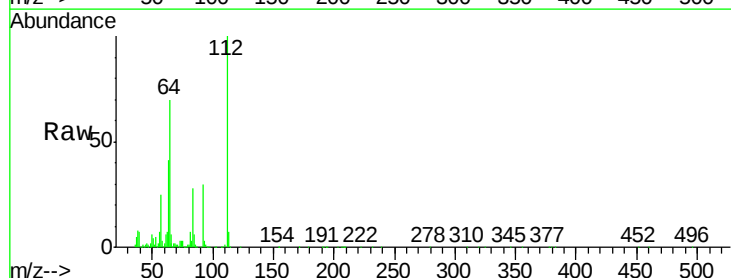
Tgt Ion:112 Resp: 1085925

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

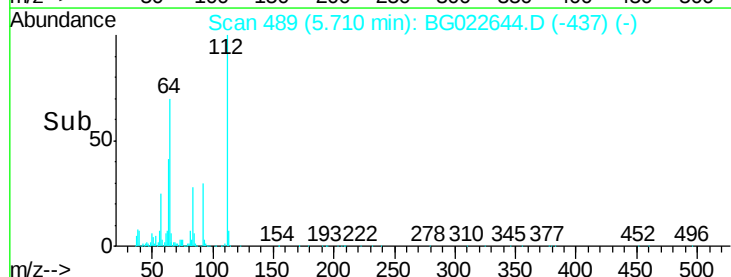
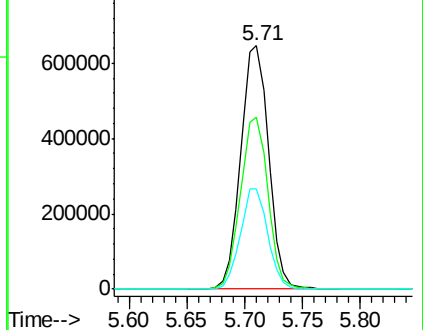
63 41.3 37.8 56.8



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)

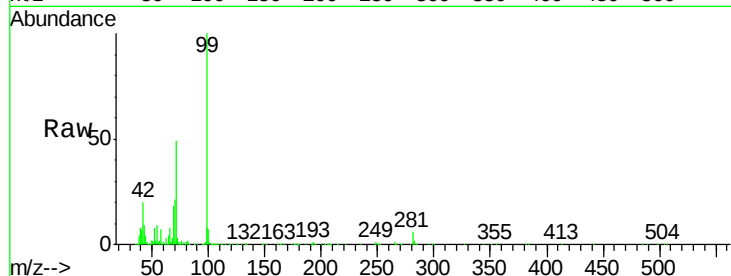
Tgt Ion: 99 Resp: 1488564

Ion Ratio Lower Upper

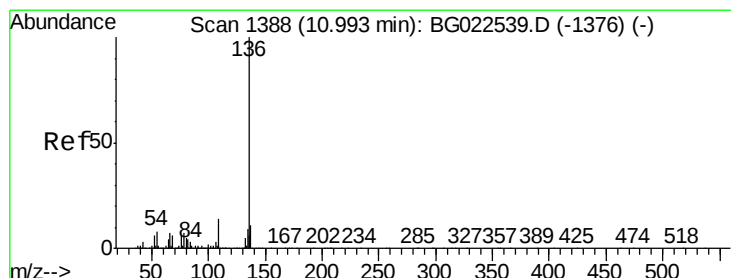
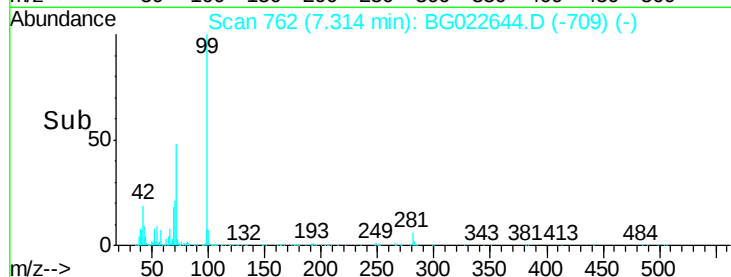
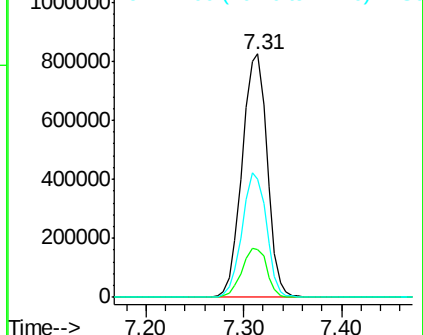
99 100

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

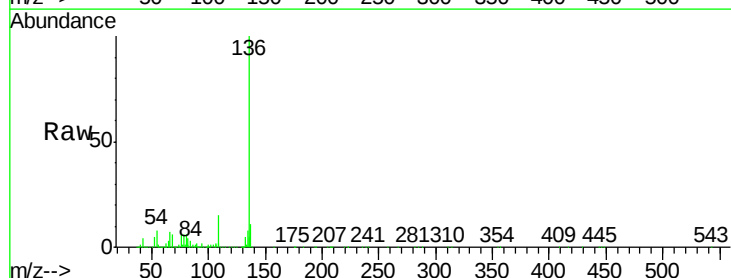
Ion Ratio Lower Upper

136 100

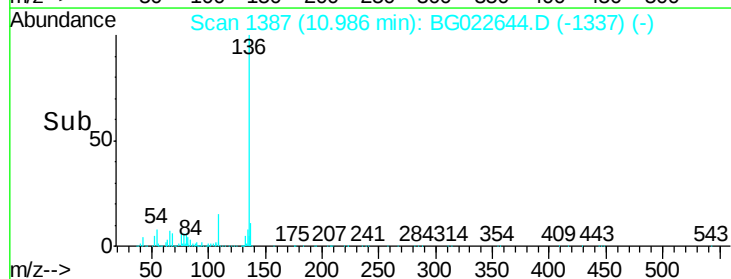
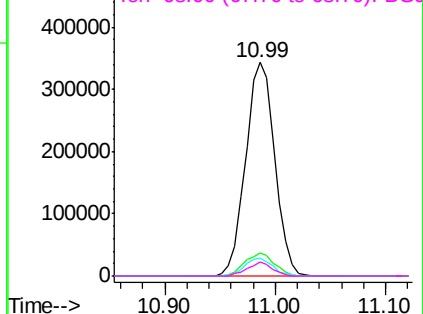
137 10.8 9.6 14.4

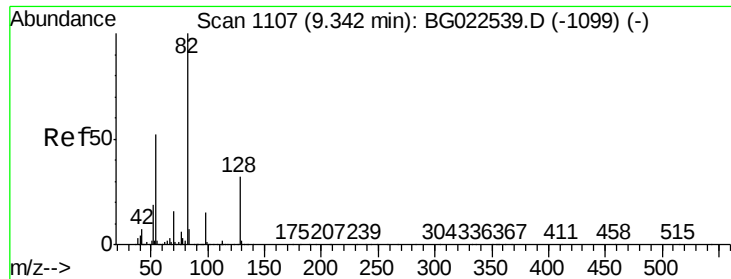
54 8.4 7.3 10.9

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

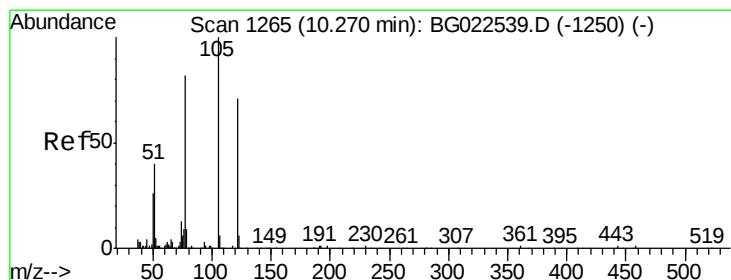
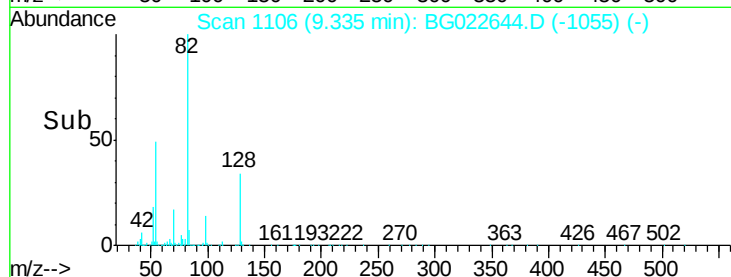
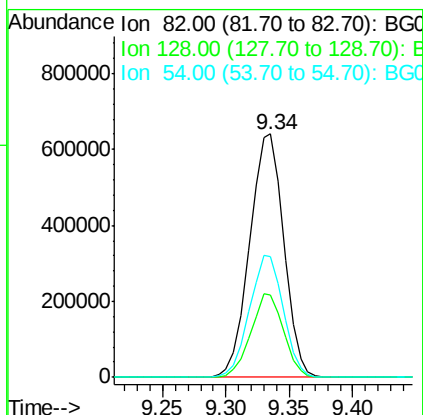
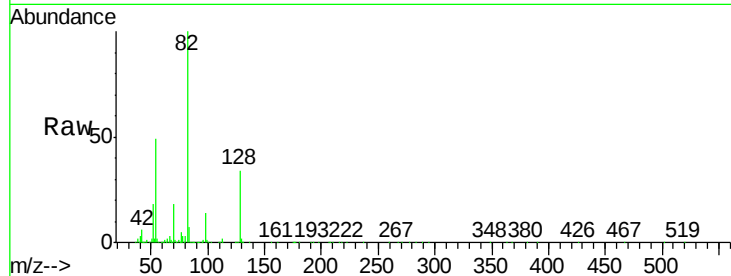




#23
 Nitrobenzene-d5
 Concen: 79.72 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022644.D
 Acq: 27 Jun 2016 15:42

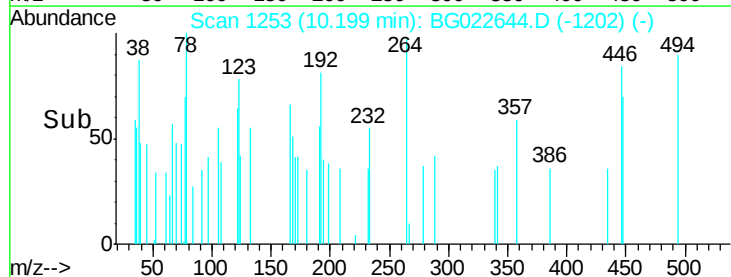
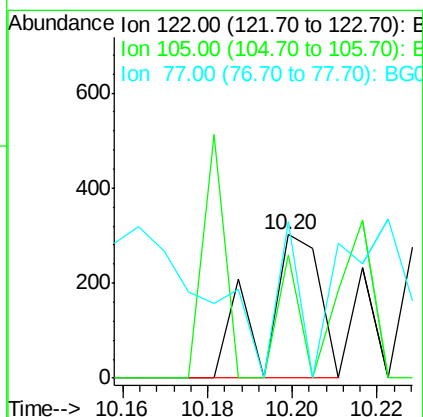
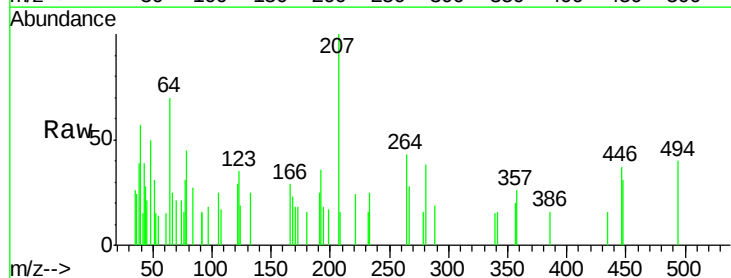
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1511(0-4)

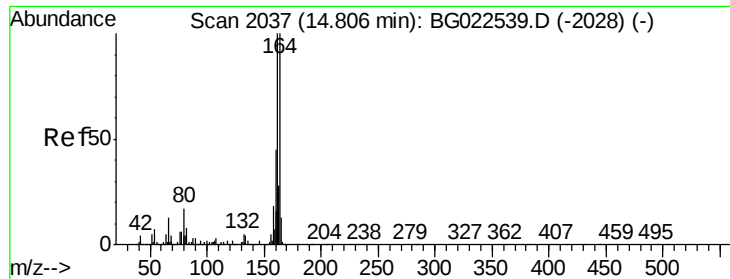
Tgt Ion: 82 Resp: 1200004
 Ion Ratio Lower Upper
 82 100
 128 34.0 24.4 36.6
 54 49.4 41.4 62.0



#32
 Benzoic acid
 Concen: 5.15 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG022644.D
 Acq: 27 Jun 2016 15:42

Tgt Ion: 122 Resp: 276
 Ion Ratio Lower Upper
 122 100
 105 86.1 117.2 157.2#
 77 108.9 109.2 149.2#





#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

Instrument :

BNA_G

ClientSampleId :

SC-STA-1511(0-4)

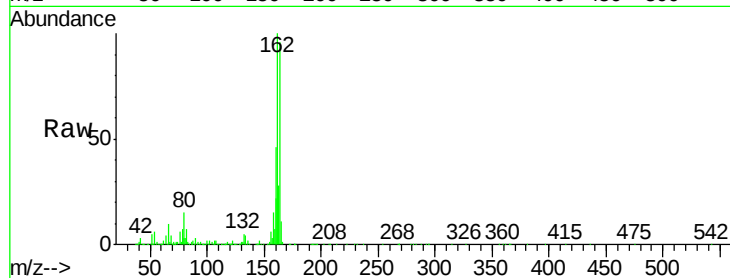
Tgt Ion:164 Resp: 440475

Ion Ratio Lower Upper

164 100

162 104.1 87.7 131.5

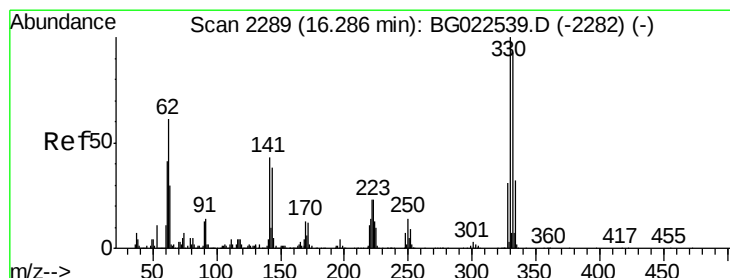
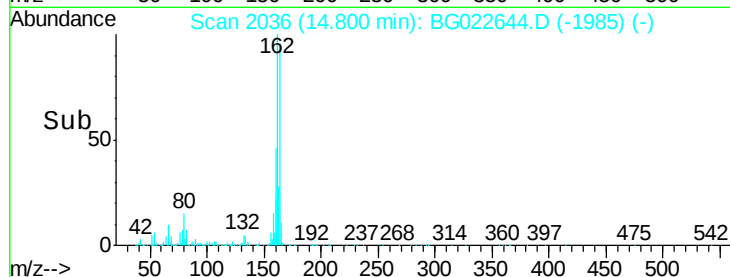
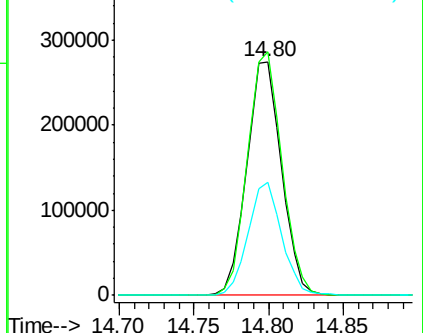
160 48.3 37.2 55.8



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



#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

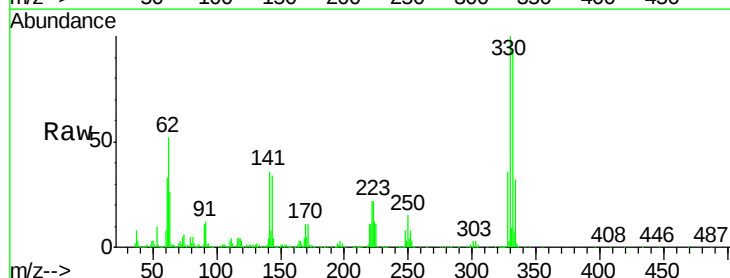
Tgt Ion:330 Resp: 1014065

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

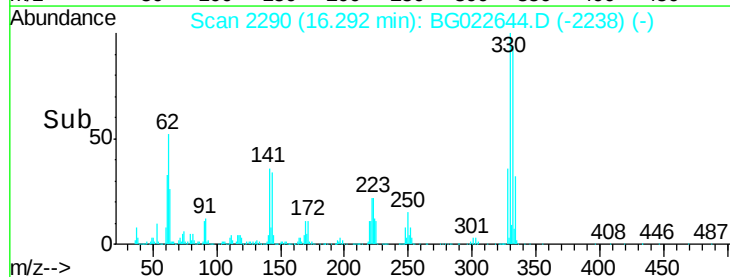
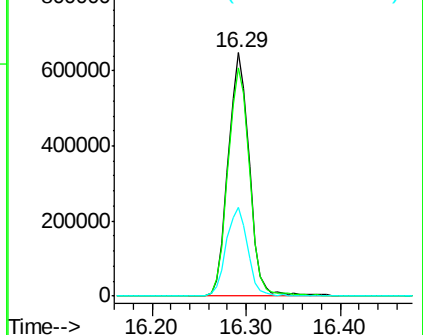
141 36.9 31.7 47.5

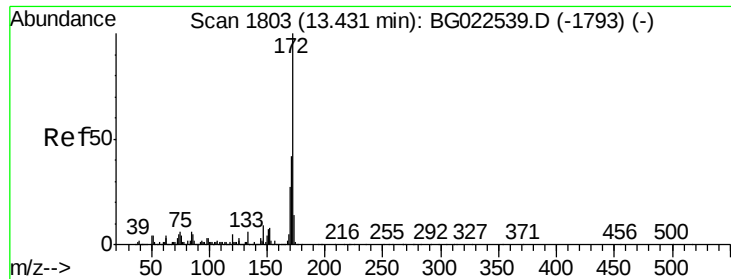


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

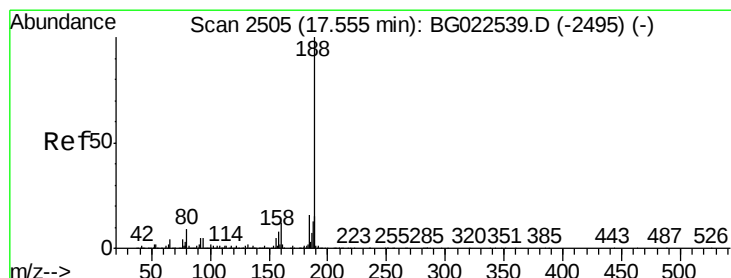
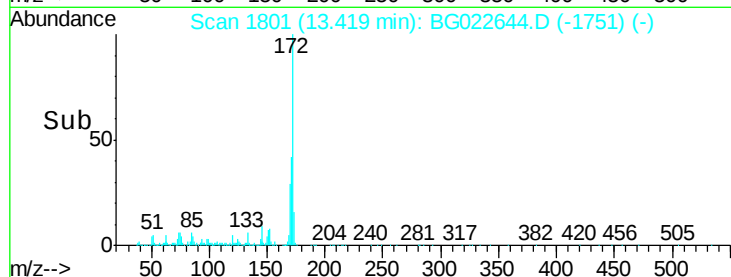
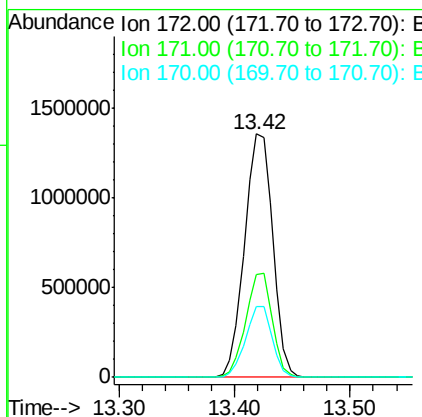
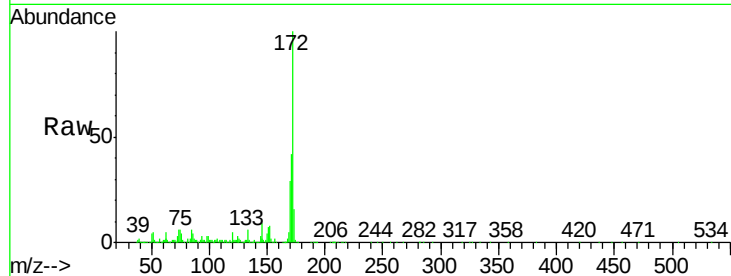




#44
2-Fluorobiphenyl
Concen: 83.19 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022644.D
Acq: 27 Jun 2016 15:42

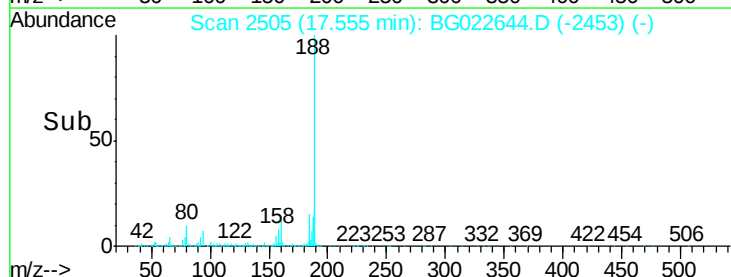
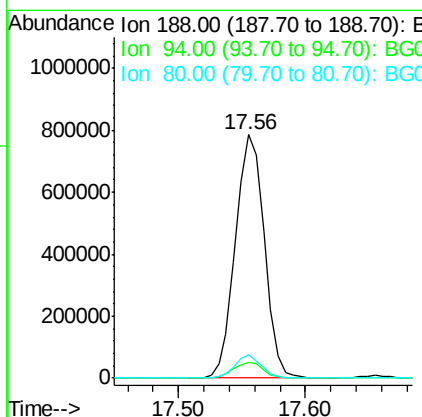
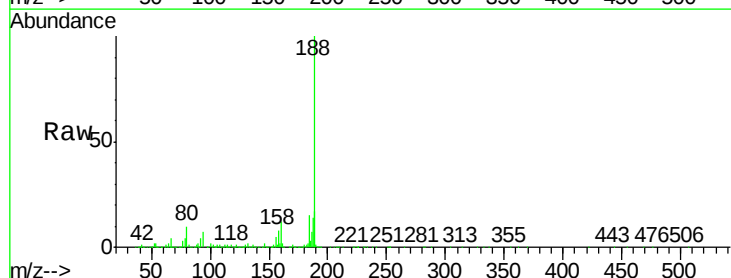
Instrument :
BNA_G
ClientSampleId :
SC-STA-1511(0-4)

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

Tgt Ion:188 Resp: 1238099
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 9.8 7.2 10.8

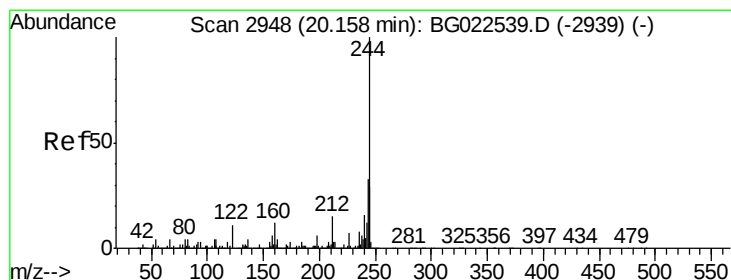
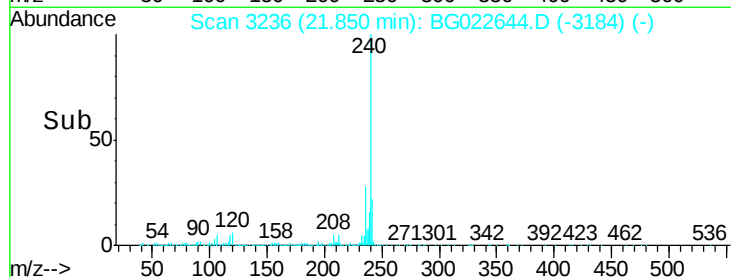
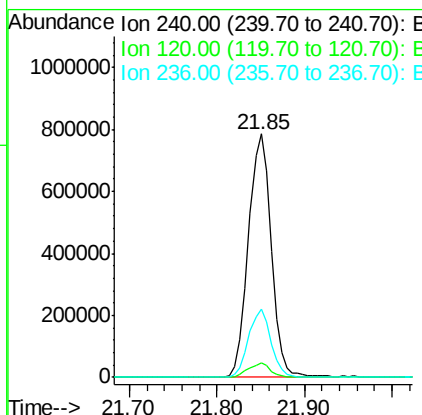
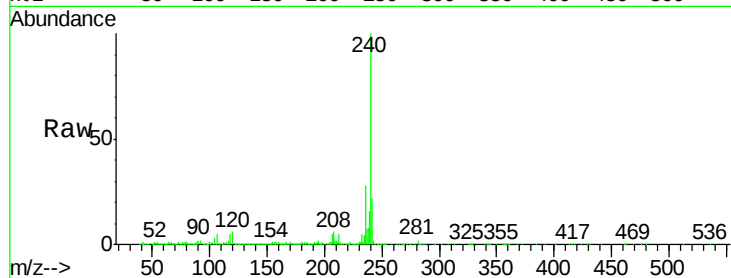




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG022644.D
Acq: 27 Jun 2016 15:42

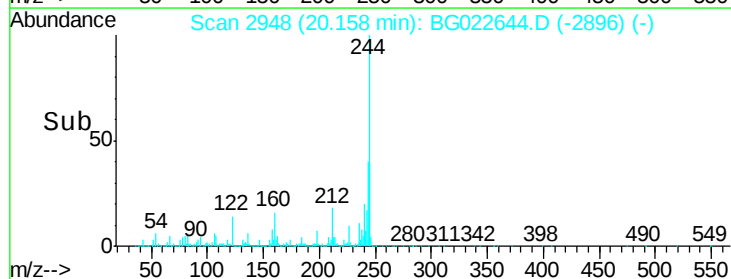
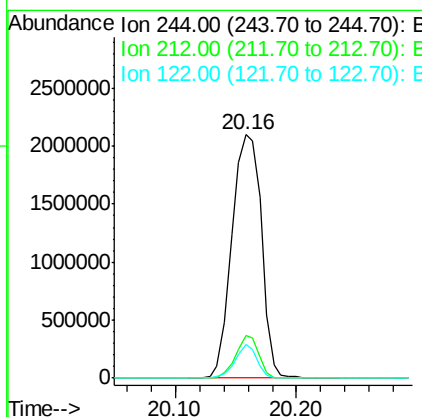
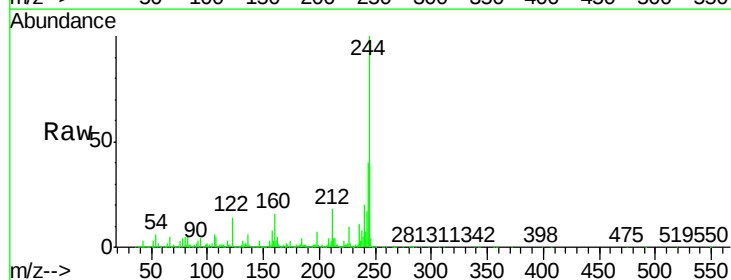
Instrument :
BNA_G
ClientSampleId :
SC-STA-1511(0-4)

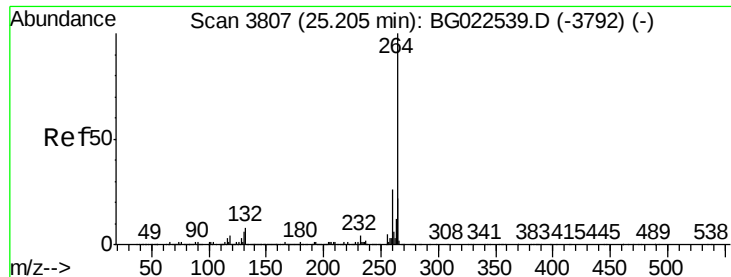
Tgt Ion:240 Resp: 1381557
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 28.0 21.1 31.7



#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

Tgt Ion:244 Resp: 3571226
Ion Ratio Lower Upper
244 100
212 17.6 10.8 16.2#
122 13.9 8.0 12.0#





#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

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

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

