

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022546.D
 Acq On : 24 Jun 2016 20:07
 Operator : UM/SJ
 Sample : H3625-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 25 02:30:36 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	103113	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	404073	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	188005	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	670167	20.00	ng	0.00
75) Chrysene-d12	21.84	240	509905	20.00	ng	0.00
86) Perylene-d12	25.20	264	68268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	859099	133.63	ng	0.00
7) Phenol-d6	7.30	99	1003695	110.76	ng	0.00
23) Nitrobenzene-d5	9.34	82	970386	101.64	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	732916	247.85	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1873734	158.06	ng	0.00
78) Terphenyl-d14	20.15	244	2908935	151.14	ng	0.00

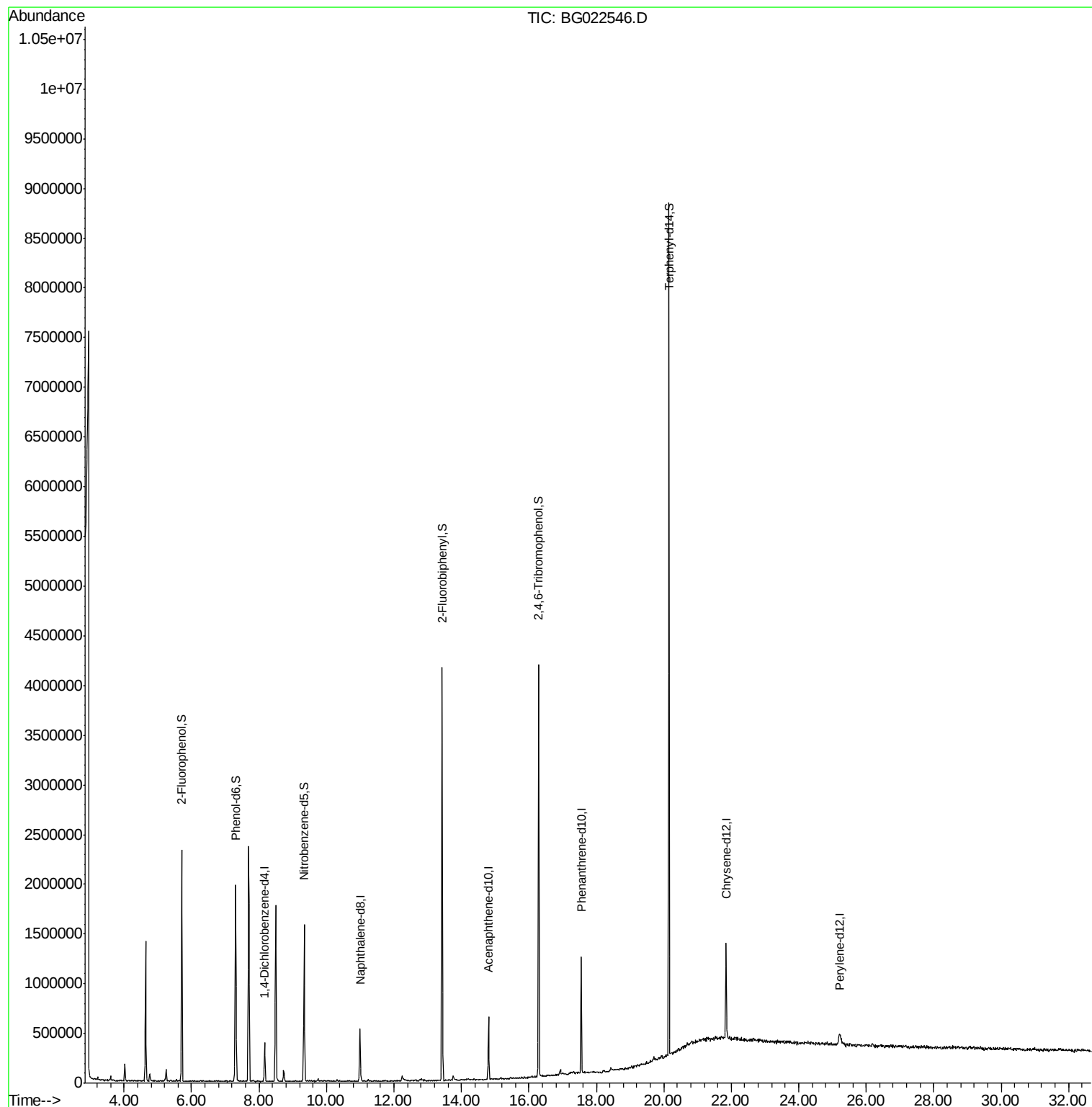
Target Compounds	Qvalue
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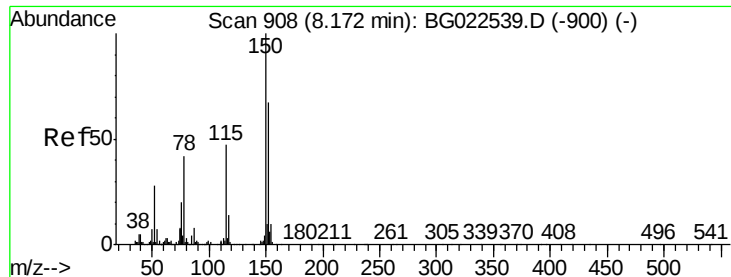
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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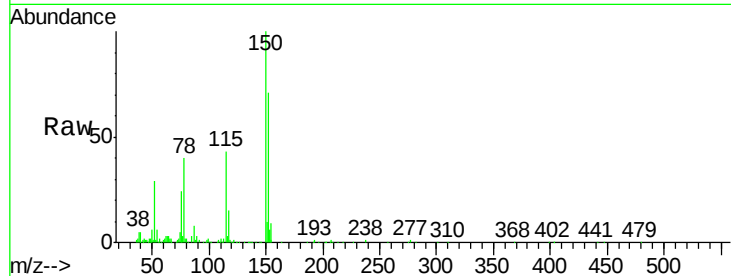


#1

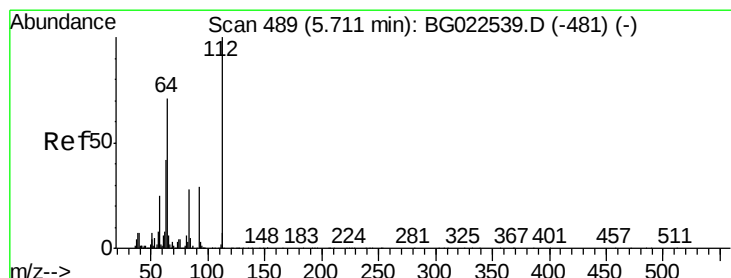
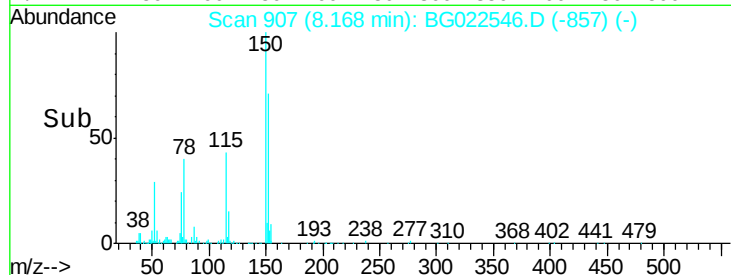
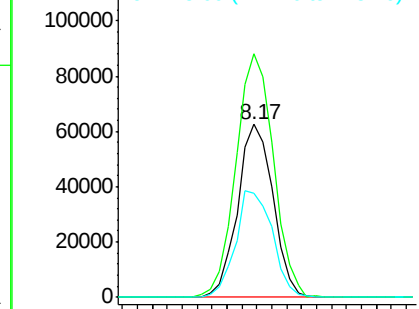
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG022546.D
Acq: 24 Jun 2016 20:07

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.7	144.7	217.1#
115	60.0	64.0	96.0#



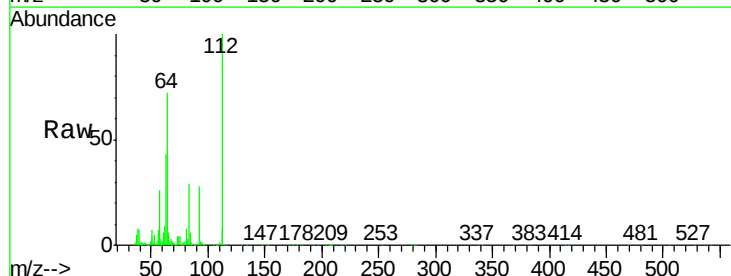
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



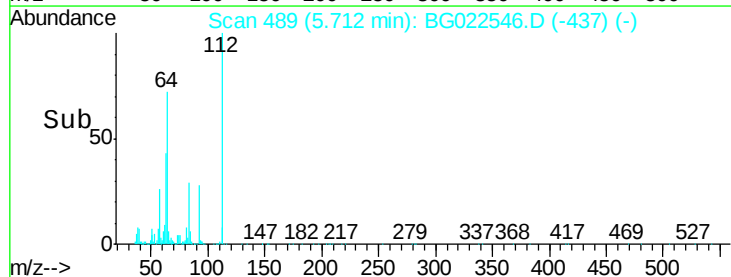
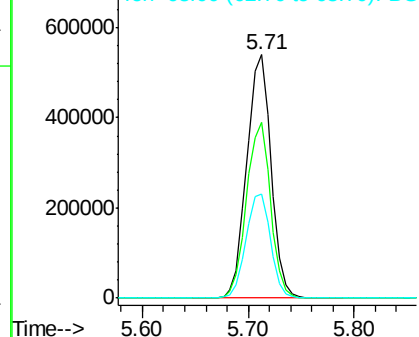
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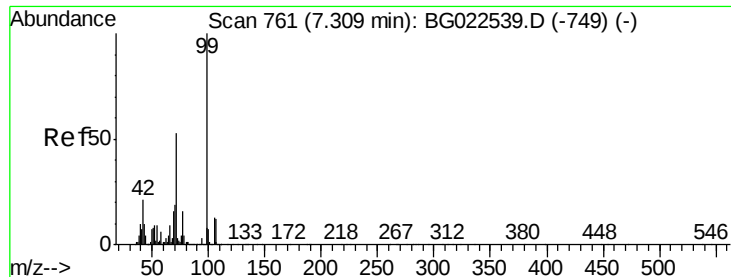
2-Fluorophenol
Concen: 133.63 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG022546.D
Acq: 24 Jun 2016 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	59.0	88.4
63	43.0	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: 110.76 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022546.D

Acq: 24 Jun 2016 20:07

Instrument :

BNA_G

ClientSampleId :

SC-STA-1506(0-4)

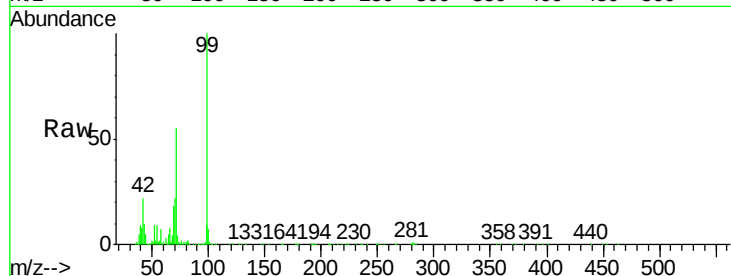
Tgt Ion: 99 Resp: 1003695

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

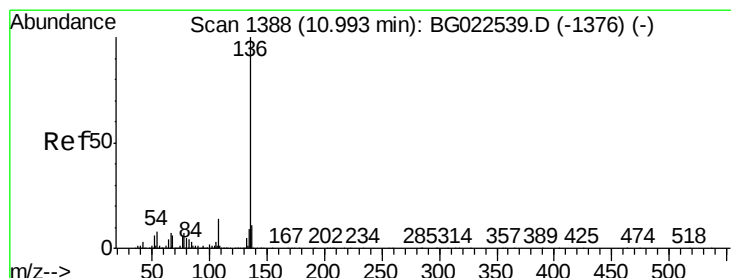
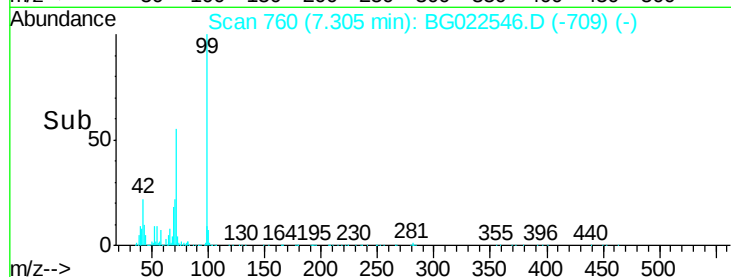
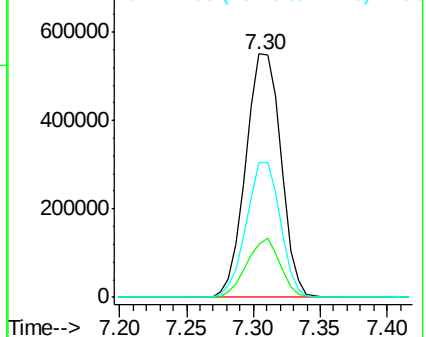
71 55.3 41.5 62.3



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: BG022546.D

Acq: 24 Jun 2016 20:07

Tgt Ion: 136 Resp: 404073

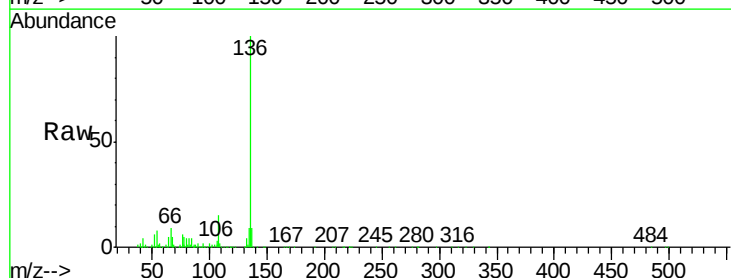
Ion Ratio Lower Upper

136 100

137 9.0 9.6 14.4#

54 8.0 7.3 10.9

68 5.2 5.3 7.9#

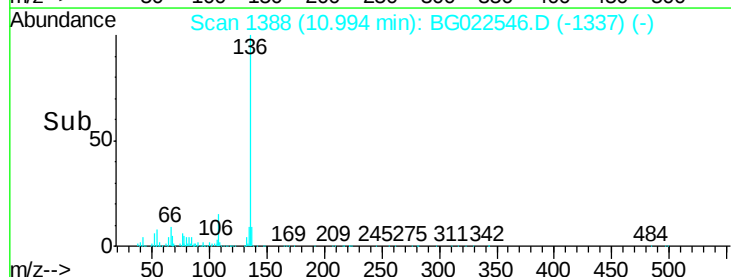
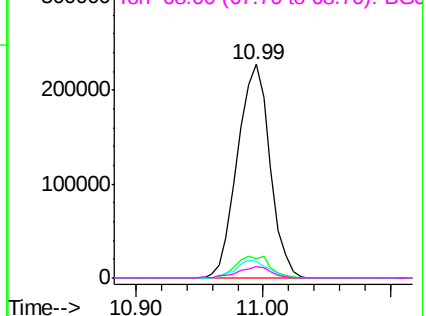


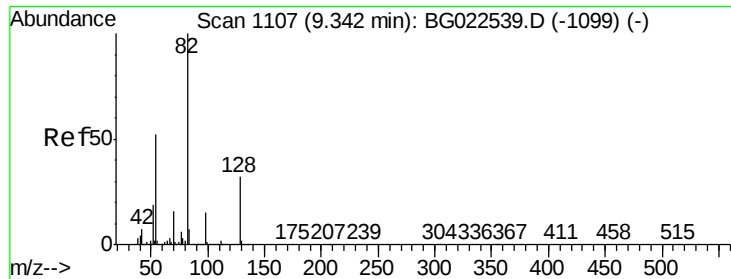
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

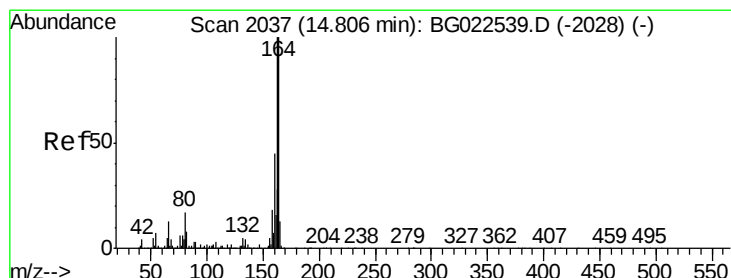
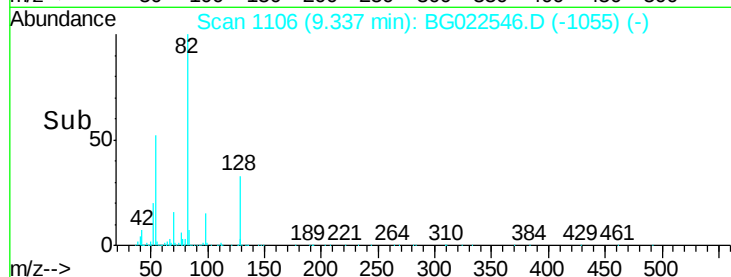
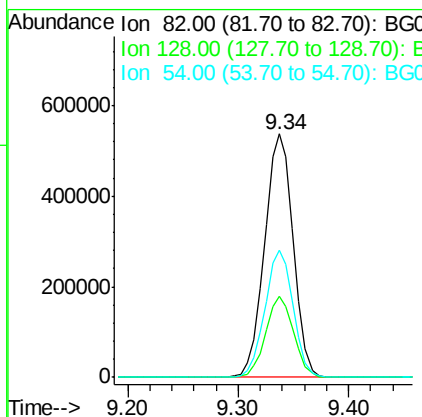
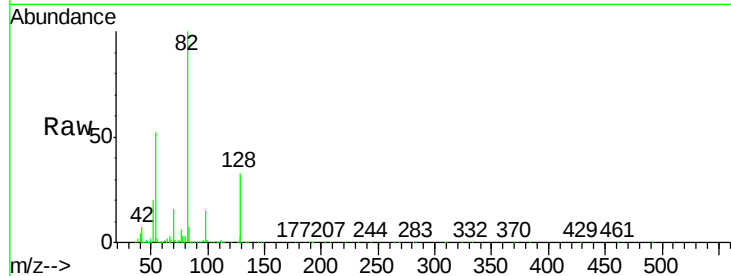




#23
 Nitrobenzene-d5
 Concen: 101.64 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022546.D
 Acq: 24 Jun 2016 20:07

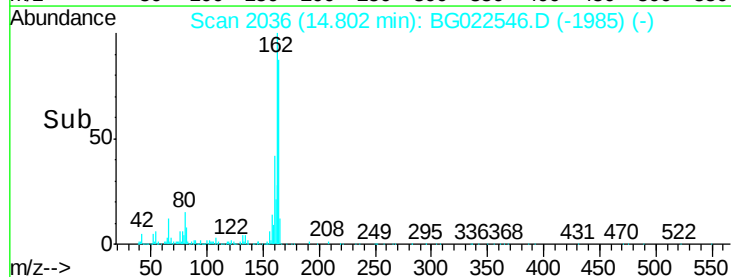
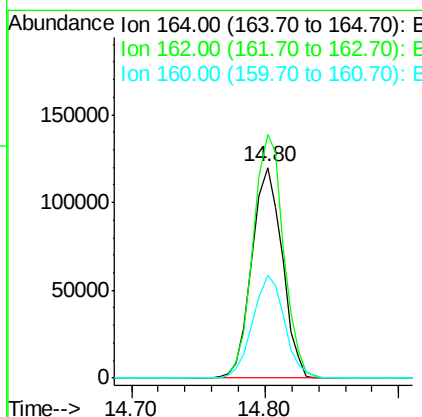
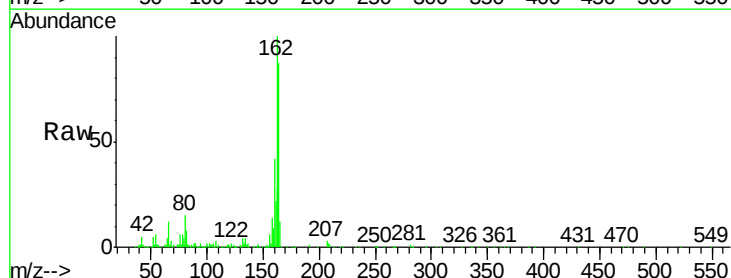
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1506(0-4)

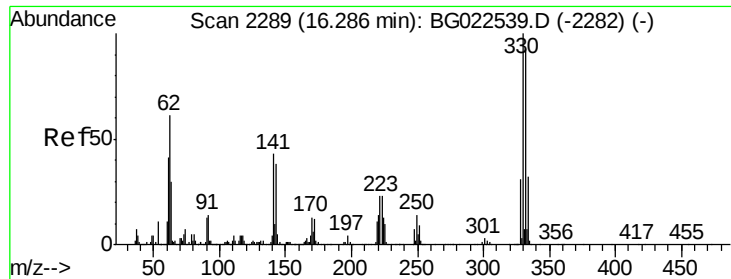
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	24.4	36.6
54	52.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022546.D
 Acq: 24 Jun 2016 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	115.4	87.7	131.5
160	48.5	37.2	55.8

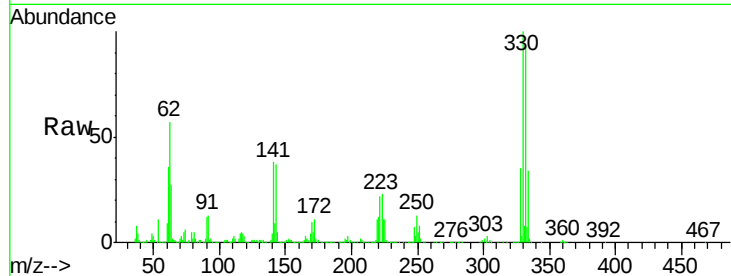




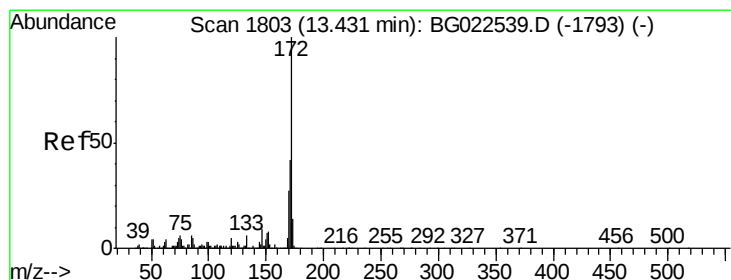
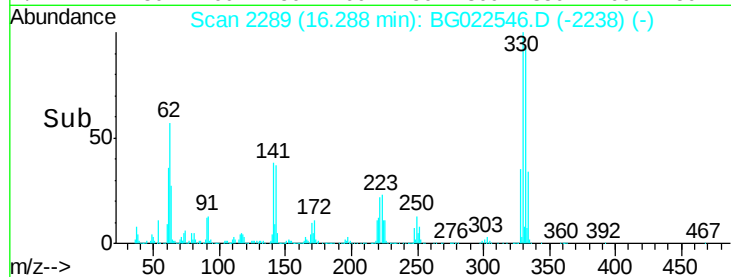
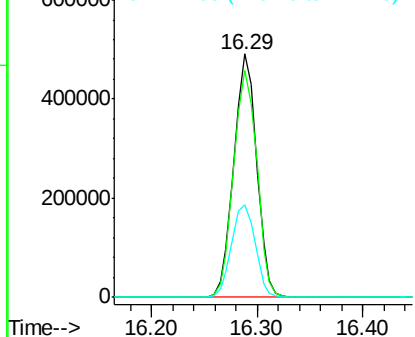
#41
 2,4,6-Tribromophenol
 Concen: 247.85 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022546.D
 Acq: 24 Jun 2016 20:07

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

Tgt Ion:330 Resp: 732916
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 39.6 31.7 47.5

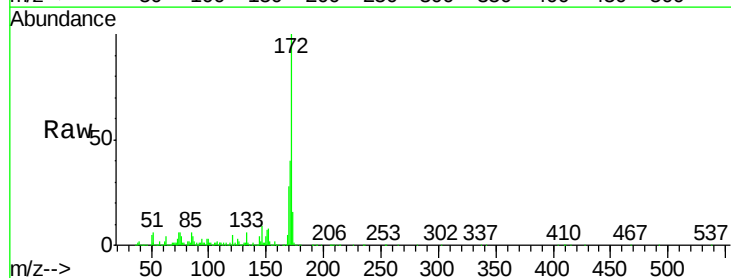


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

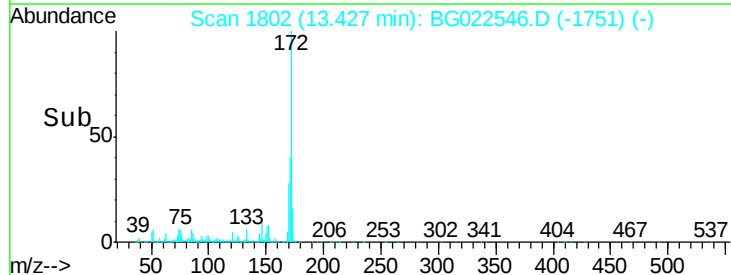
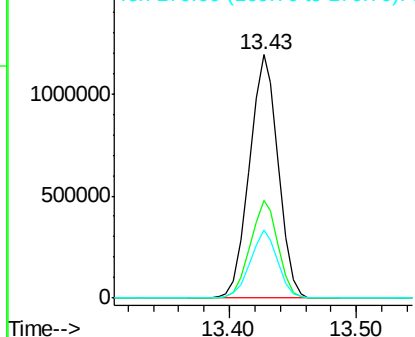


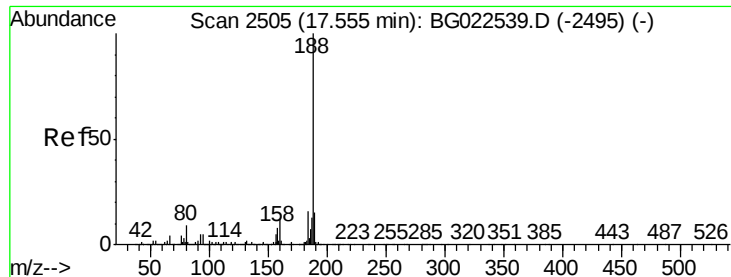
#44
 2-Fluorobiphenyl
 Concen: 158.06 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG022546.D
 Acq: 24 Jun 2016 20:07

Tgt Ion:172 Resp: 1873734
 Ion Ratio Lower Upper
 172 100
 171 40.0 31.6 47.4
 170 28.3 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

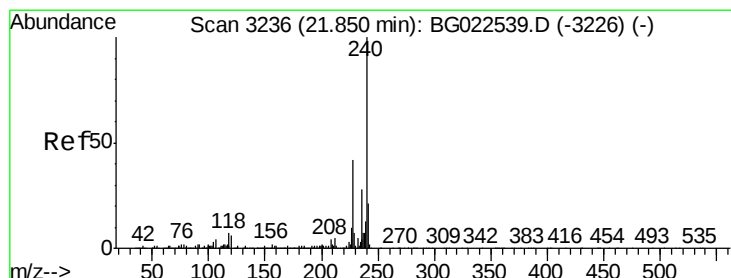
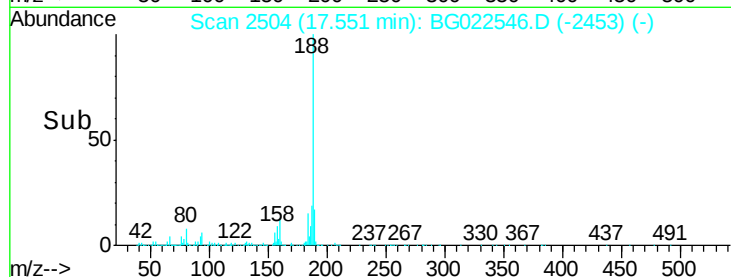
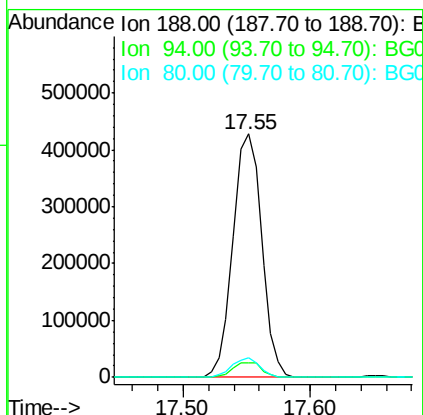
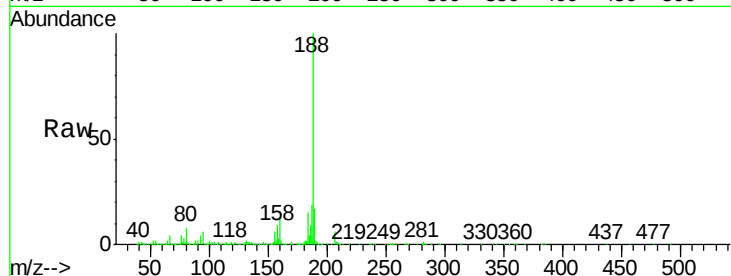




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022546.D
Acq: 24 Jun 2016 20:07

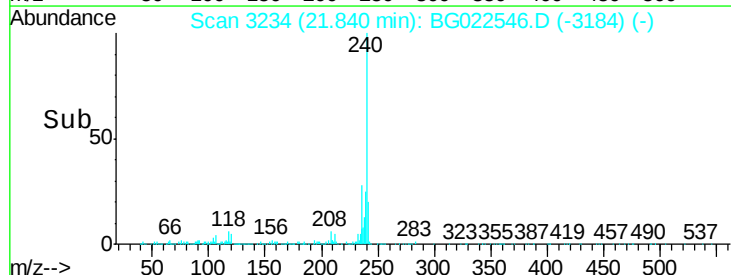
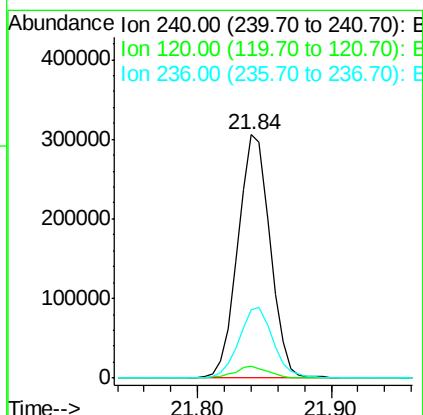
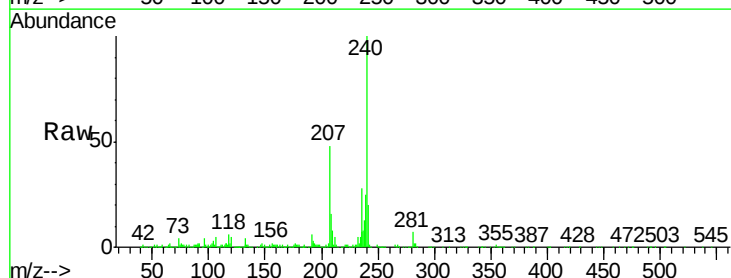
Instrument :
BNA_G
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SC-STA-1506(0-4)

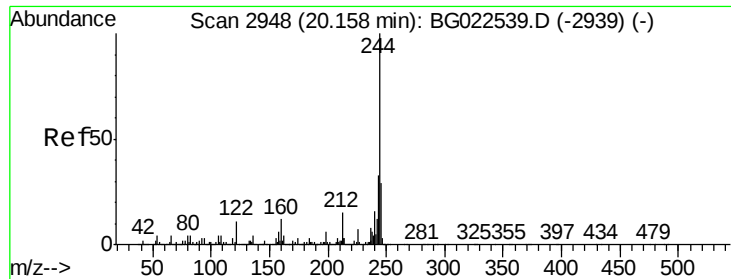
Tgt Ion:188 Resp: 670167
Ion Ratio Lower Upper
188 100
94 5.9 5.2 7.8
80 8.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG022546.D
Acq: 24 Jun 2016 20:07

Tgt Ion:240 Resp: 509905
Ion Ratio Lower Upper
240 100
120 5.2 4.1 6.1
236 27.9 21.1 31.7





#78

Terphenyl-d14

Concen: 151.14 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022546.D

Acq: 24 Jun 2016 20:07

Instrument :

BNA_G

ClientSampleId :

SC-STA-1506(0-4)

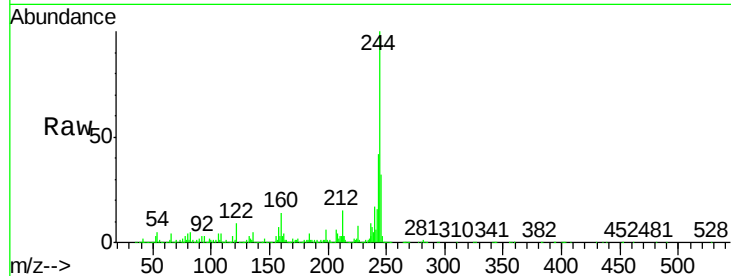
Tgt Ion:244 Resp: 2908935

Ion Ratio Lower Upper

244 100

212 14.5 10.8 16.2

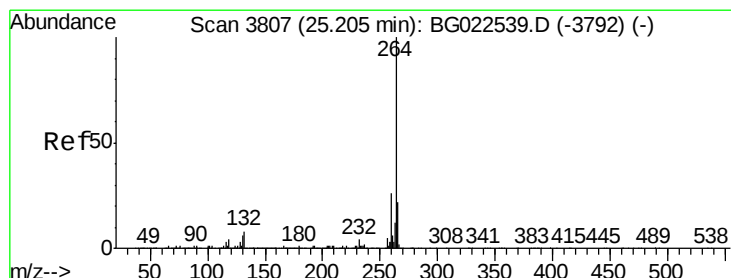
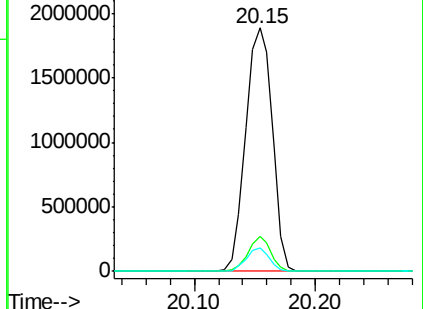
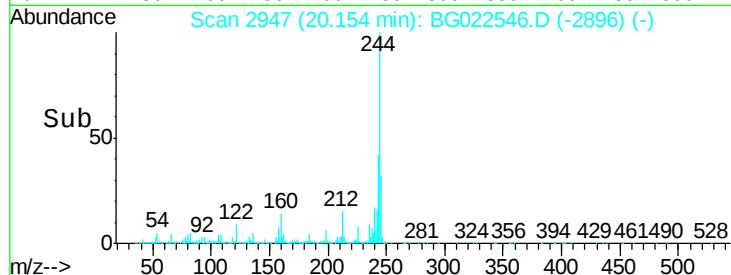
122 9.5 8.0 12.0



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: 25.20 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BG022546.D

Acq: 24 Jun 2016 20:07

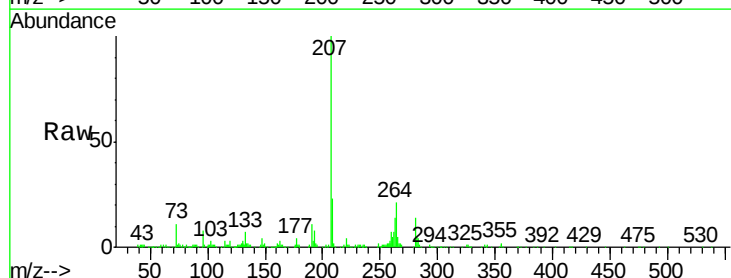
Tgt Ion:264 Resp: 68268

Ion Ratio Lower Upper

264 100

260 32.6 18.4 27.6#

265 22.6 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

