

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041316\
 Data File : BG021633.D
 Acq On : 13 Apr 2016 22:51
 Operator : UM/SJ
 Sample : PB89734BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SES-CS-PH3-COA-01

Quant Time: Apr 14 02:03:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	29112	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	124968	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	83153	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	208949	20.00	ng	0.00
75) Chrysene-d12	21.83	240	245858	20.00	ng	0.00
86) Perylene-d12	25.15	264	232997	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	72294	41.35	ng	0.00
7) Phenol-d6	7.36	99	67460	25.83	ng	0.00
23) Nitrobenzene-d5	9.38	82	223094	91.76	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	88062	98.26	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	533486	94.00	ng	0.00
78) Terphenyl-d14	20.15	244	913809	92.74	ng	0.00

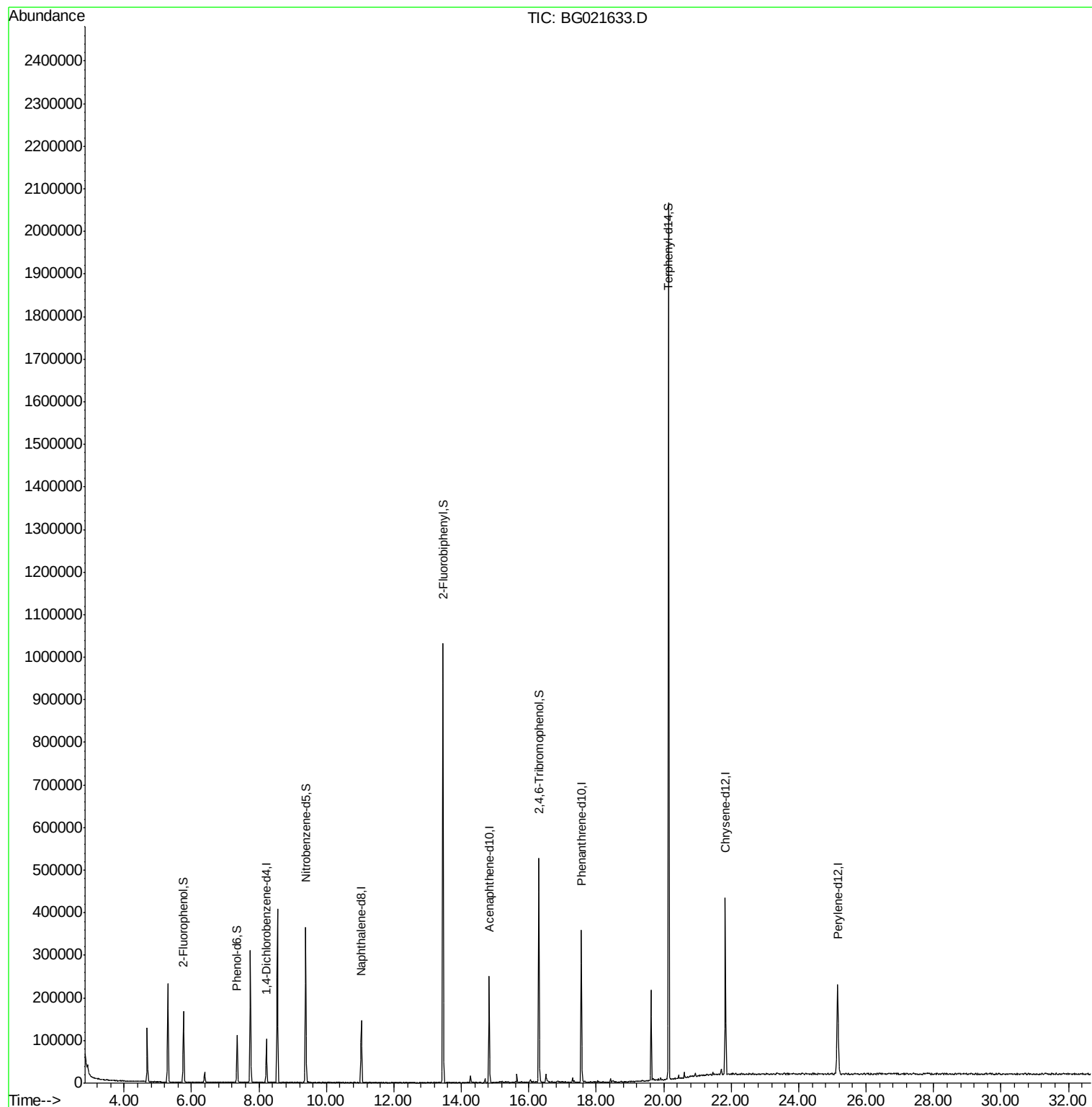
Target Compounds	Qvalue
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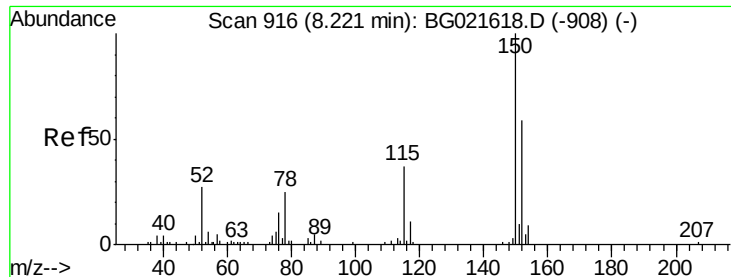
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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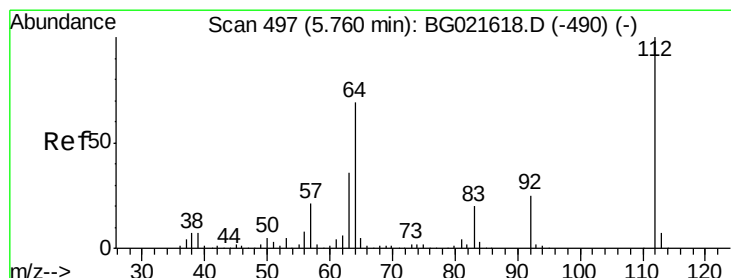
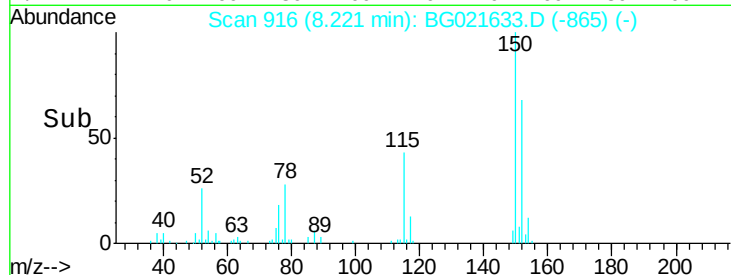
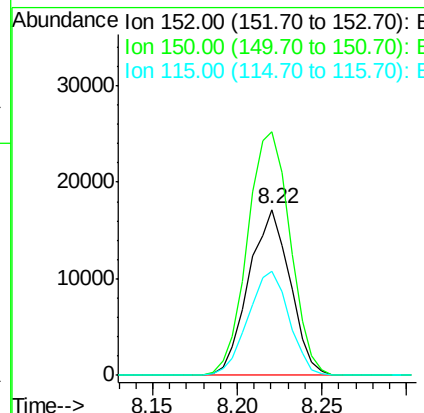
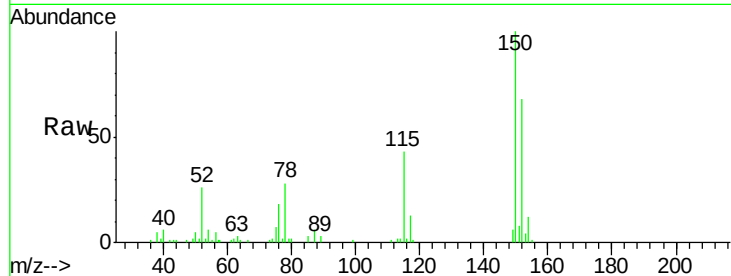


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.22 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BG021633.D
 Acq: 13 Apr 2016 22:51

Instrument :
 BNA_G
 ClientSampleId :
 SES-CS-PH3-COA-01

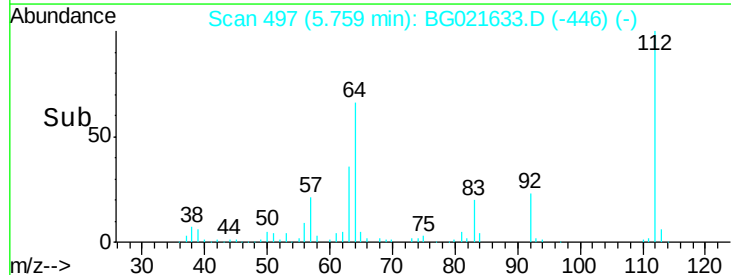
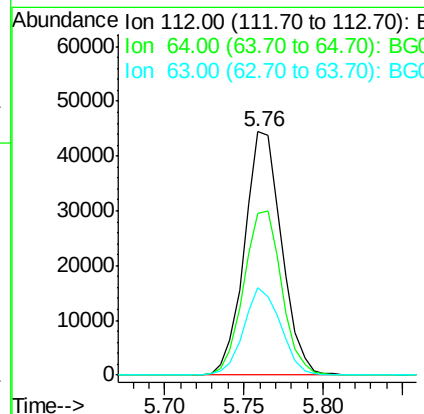
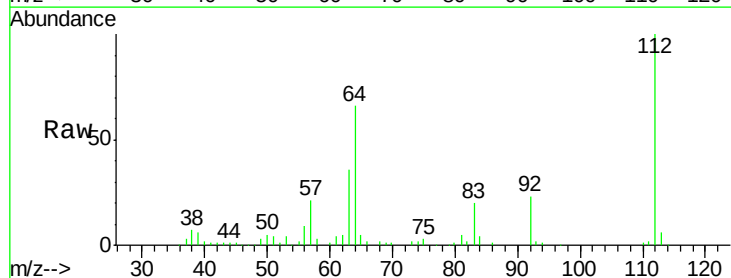
Tgt Ion:152 Resp: 29112
 Ion Ratio Lower Upper
 152 100
 150 146.7 130.1 195.1
 115 62.5 62.2 93.2

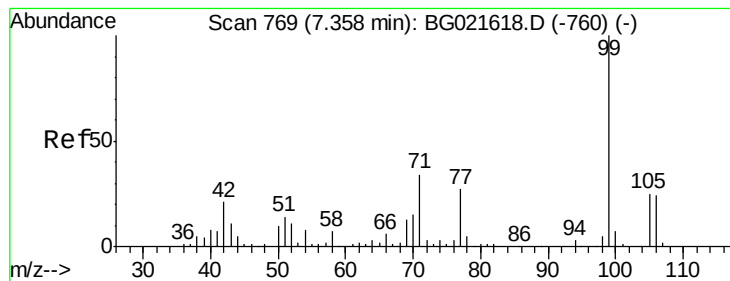


#5

2-Fluorophenol
 Concen: 41.35 ng
 RT: 5.76 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG021633.D
 Acq: 13 Apr 2016 22:51

Tgt Ion:112 Resp: 72294
 Ion Ratio Lower Upper
 112 100
 64 66.2 51.1 76.7
 63 36.0 24.6 37.0





#7

Phenol-d6

Concen: 25.83 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021633.D

Acq: 13 Apr 2016 22:51

Instrument :

BNA_G

ClientSampleId :

SES-CS-PH3-COA-01

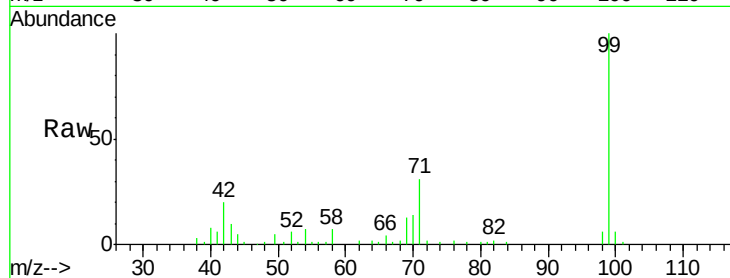
Tgt Ion: 99 Resp: 67460

Ion Ratio Lower Upper

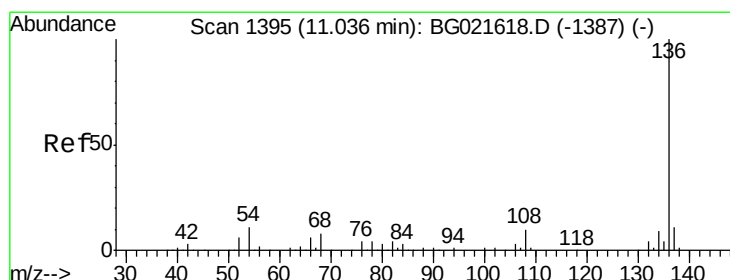
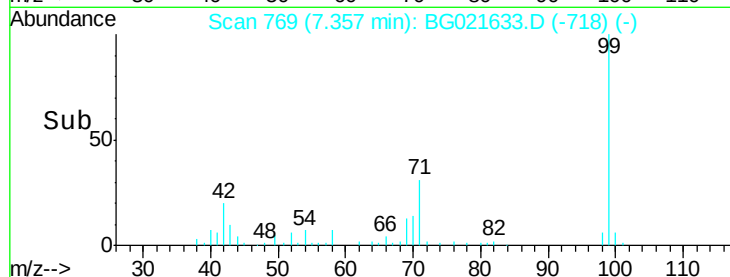
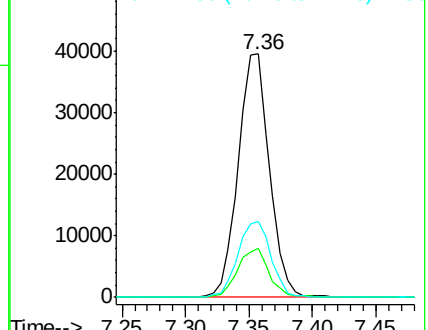
99 100

42 20.1 16.4 24.6

71 31.1 25.0 37.4



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: 11.04 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021633.D

Acq: 13 Apr 2016 22:51

Tgt Ion: 136 Resp: 124968

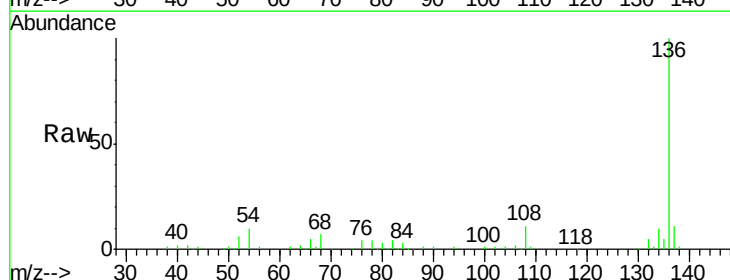
Ion Ratio Lower Upper

136 100

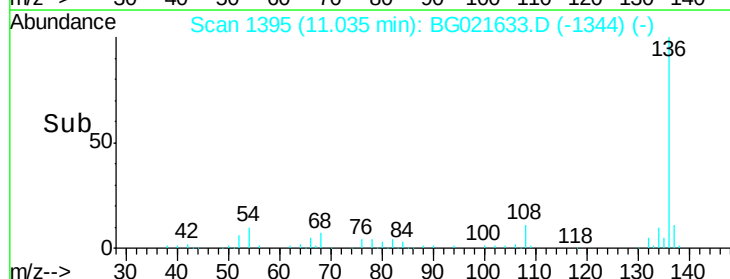
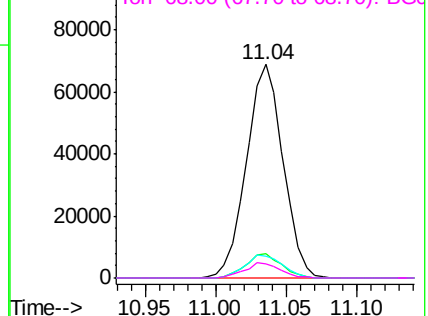
137 11.1 9.0 13.4

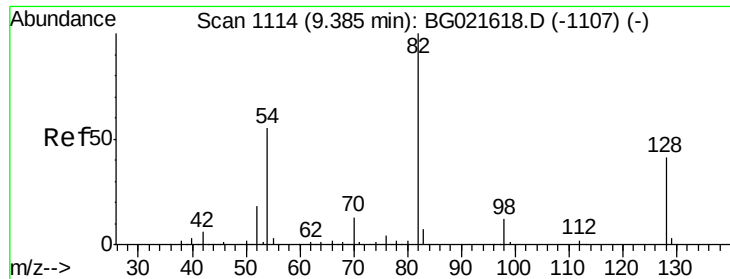
54 10.1 9.6 14.4

68 6.8 6.4 9.6



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

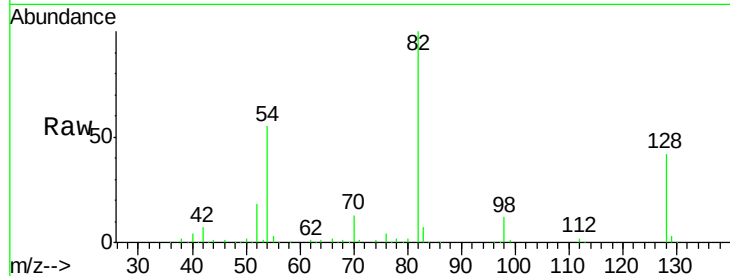




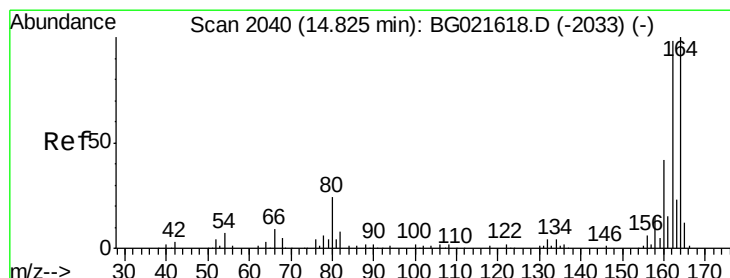
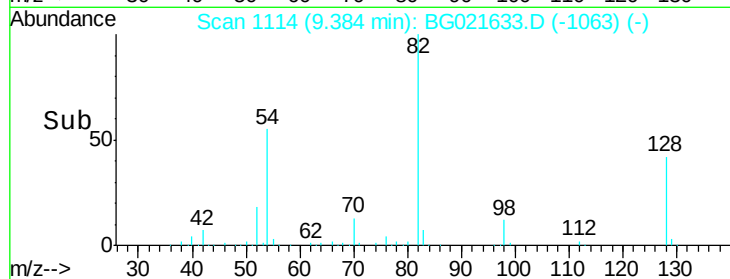
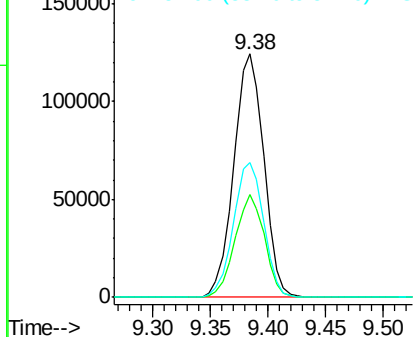
#23
Nitrobenzene-d5
Concen: 91.76 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021633.D
Acq: 13 Apr 2016 22:51

Instrument :
BNA_G
ClientSampleId :
SES-CS-PH3-COA-01

Tgt Ion: 82 Resp: 223094
Ion Ratio Lower Upper
82 100
128 42.5 33.4 50.0
54 55.4 46.1 69.1

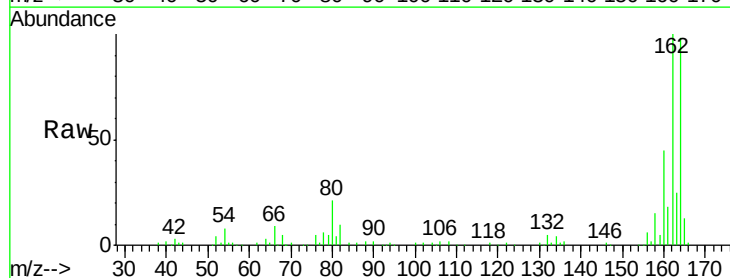


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

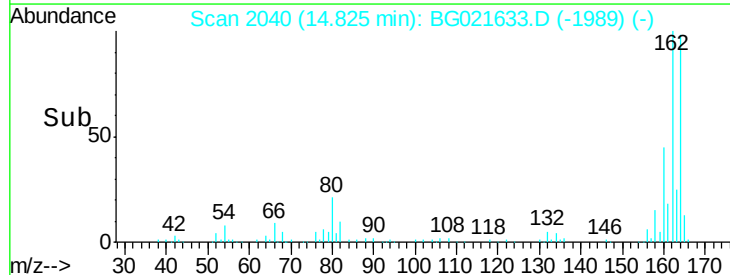
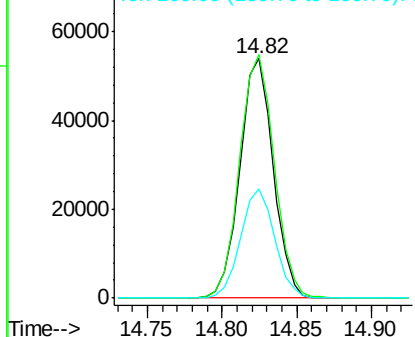


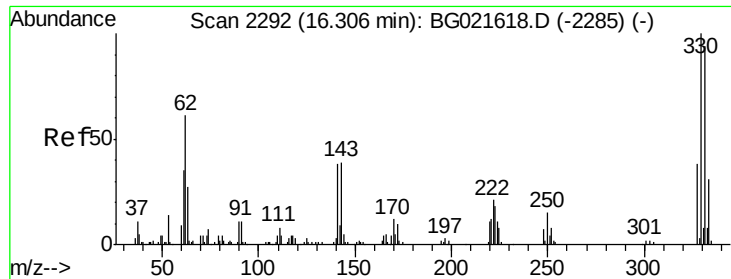
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021633.D
Acq: 13 Apr 2016 22:51

Tgt Ion: 164 Resp: 83153
Ion Ratio Lower Upper
164 100
162 101.7 78.0 117.0
160 45.6 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

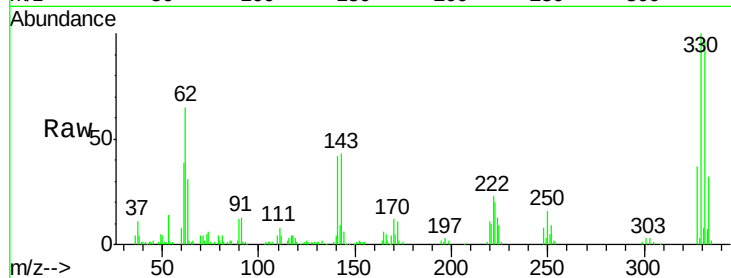




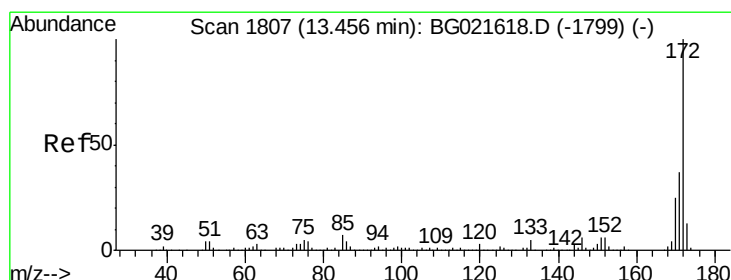
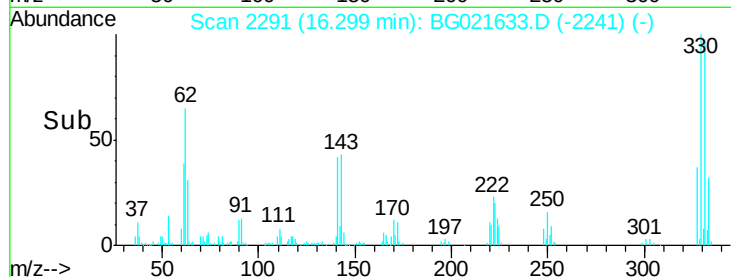
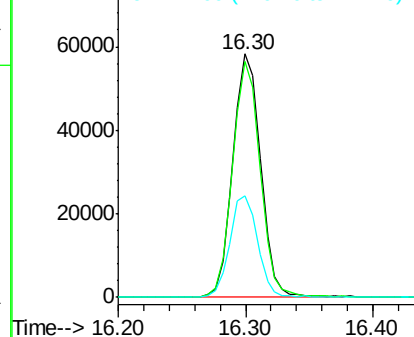
#41
 2,4,6-Tribromophenol
 Concen: 98.26 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021633.D
 Acq: 13 Apr 2016 22:51

Instrument :
 BNA_G
 ClientSampleId :
 SES-CS-PH3-COA-01

Tgt Ion: 330 Resp: 88062
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.0 117.0
 141 41.8 33.8 50.8

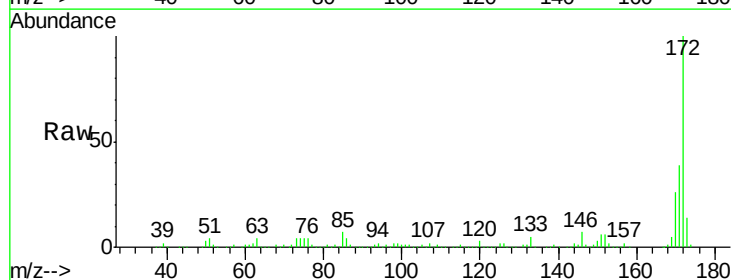


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

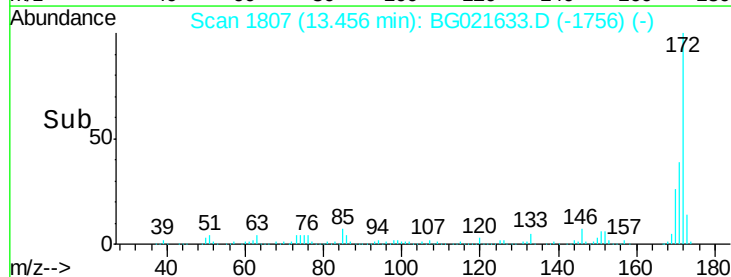
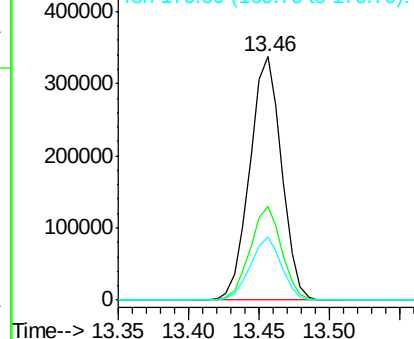


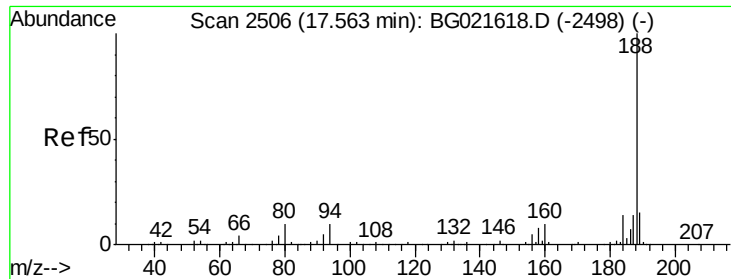
#44
 2-Fluorobiphenyl
 Concen: 94.00 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021633.D
 Acq: 13 Apr 2016 22:51

Tgt Ion: 172 Resp: 533486
 Ion Ratio Lower Upper
 172 100
 171 38.8 27.8 41.6
 170 25.8 19.6 29.4



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

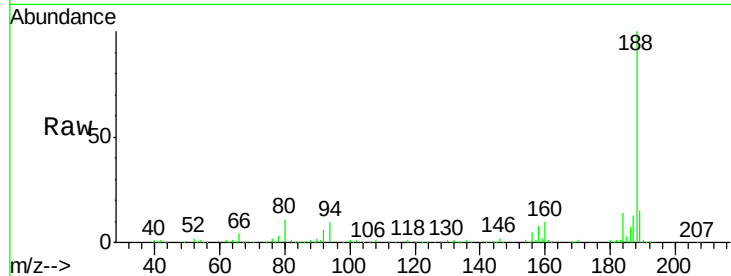




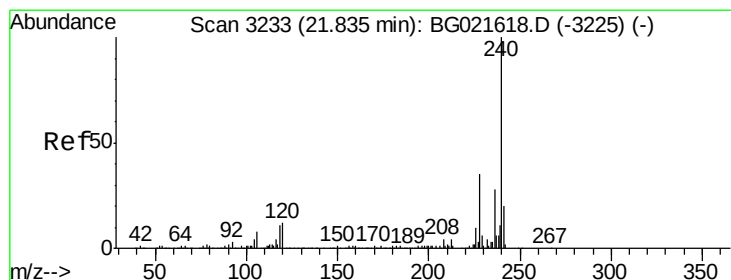
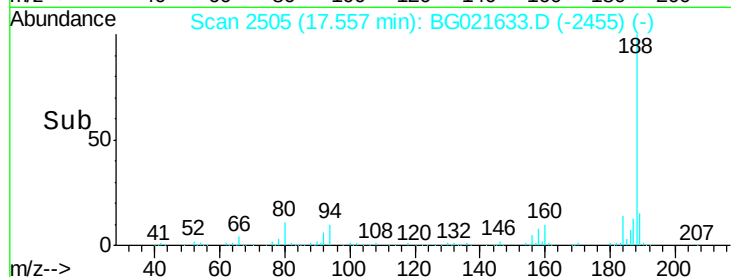
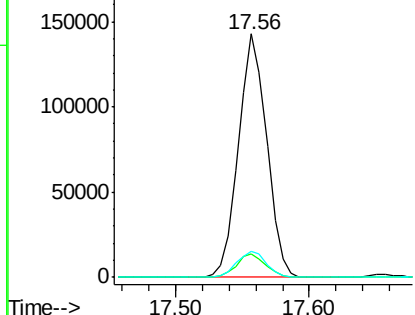
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021633.D
Acq: 13 Apr 2016 22:51

Instrument :
BNA_G
ClientSampleId :
SES-CS-PH3-COA-01

Tgt Ion:188 Resp: 208949
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.7 8.6 13.0

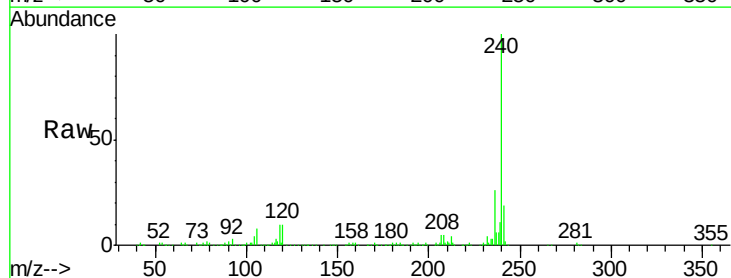


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

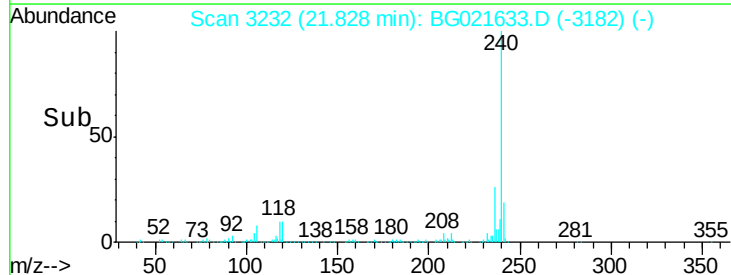
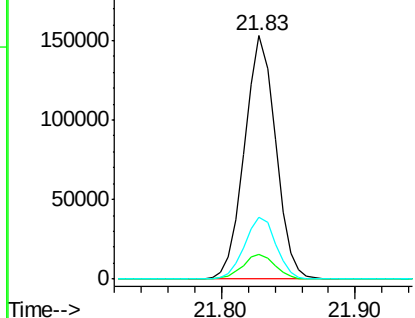


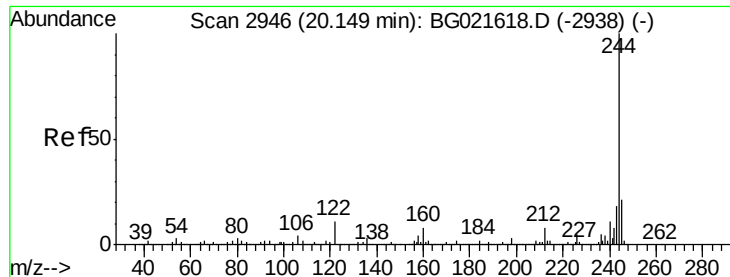
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021633.D
Acq: 13 Apr 2016 22:51

Tgt Ion:240 Resp: 245858
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.6 19.6 29.4



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: 92.74 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021633.D

Acq: 13 Apr 2016 22:51

Instrument :

BNA_G

ClientSampleId :

SES-CS-PH3-COA-01

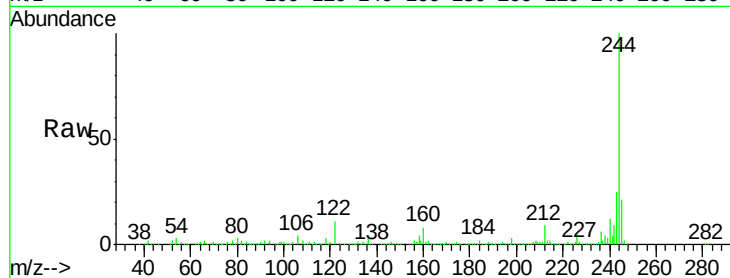
Tgt Ion:244 Resp: 913809

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

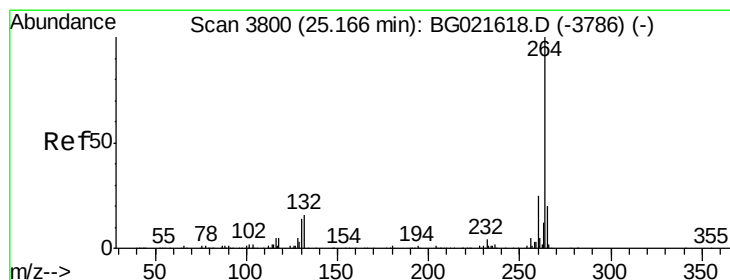
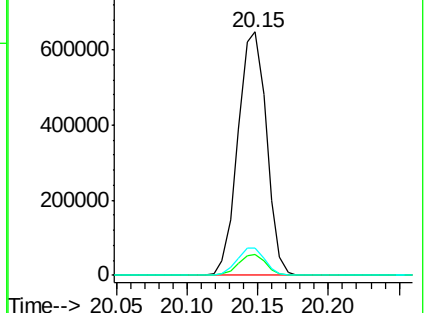
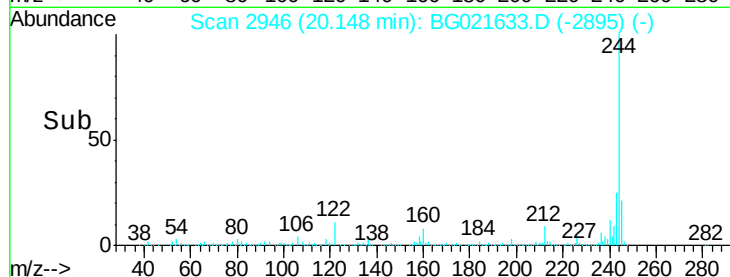
122 11.1 8.6 12.8



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: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG021633.D

Acq: 13 Apr 2016 22:51

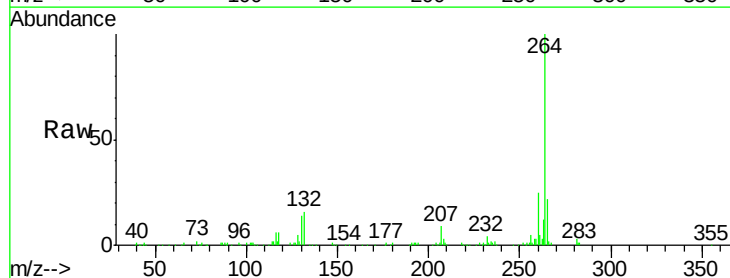
Tgt Ion:264 Resp: 232997

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.4

265 22.5 17.8 26.8



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

