

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027887.D
 Acq On : 8 Jul 2017 3:16
 Operator : SJ/JU
 Sample : I4083-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

Quant Time: Jul 08 05:25:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	38934	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	169211	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	96089	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	250836	20.00	ng	0.00
75) Chrysene-d12	22.12	240	288651	20.00	ng	0.00
86) Perylene-d12	25.70	264	276366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	294325	116.41	ng	0.00
7) Phenol-d6	7.58	99	377434	97.72	ng	0.00
23) Nitrobenzene-d5	9.59	82	219911	72.44	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	217097	164.72	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	569151	84.59	ng	0.00
78) Terphenyl-d14	20.36	244	1126079	91.46	ng	0.00

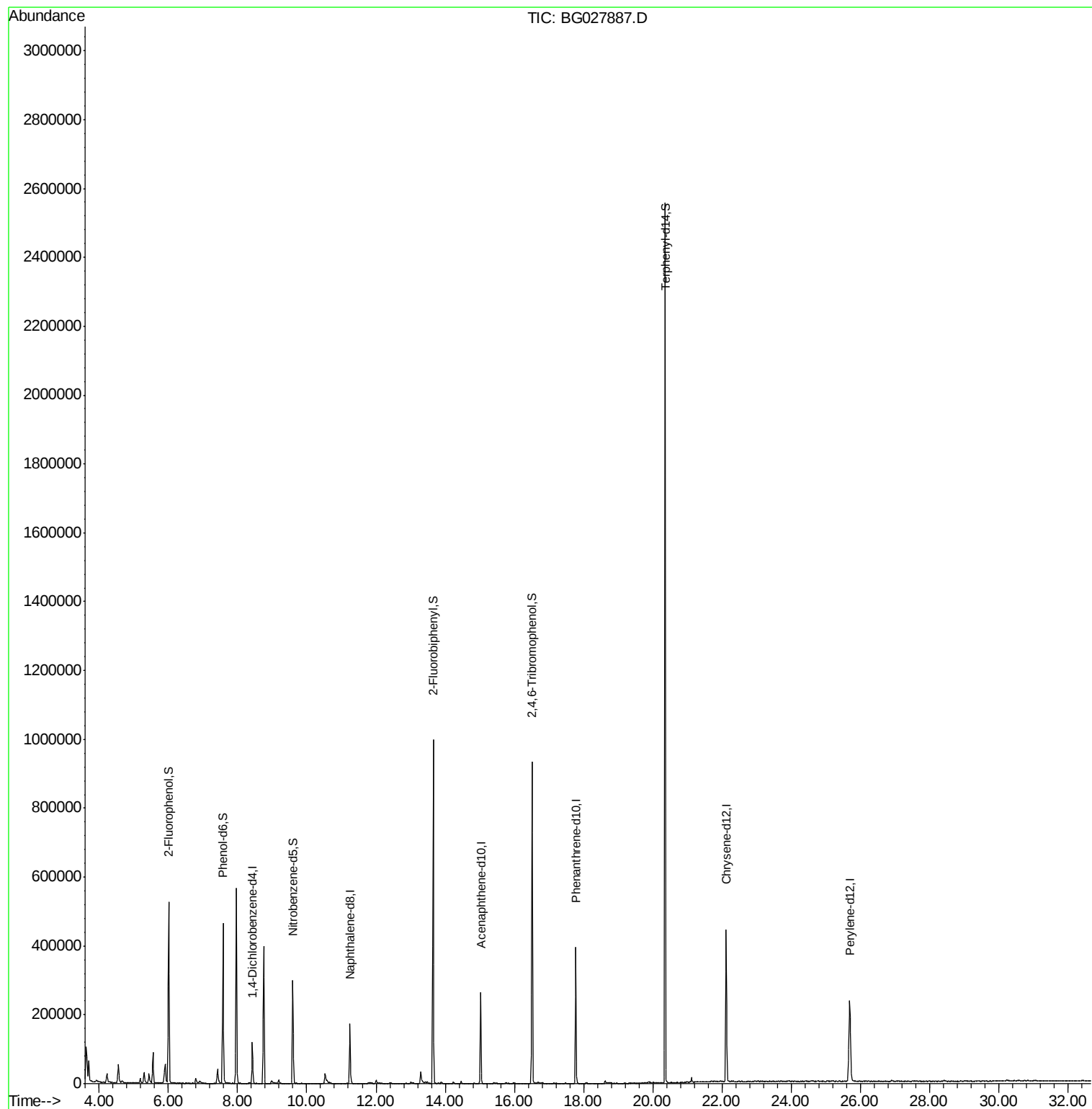
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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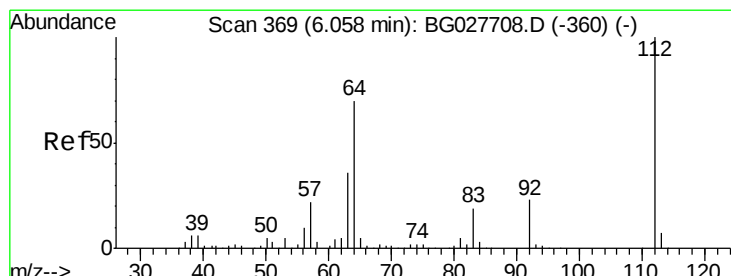
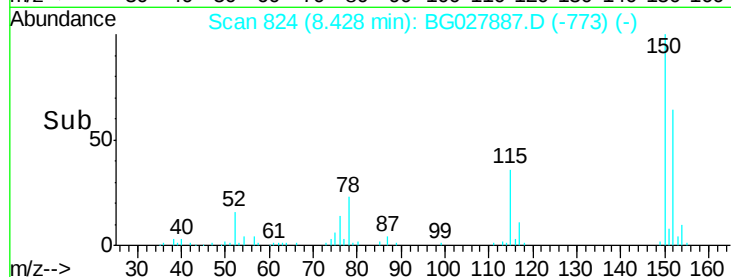
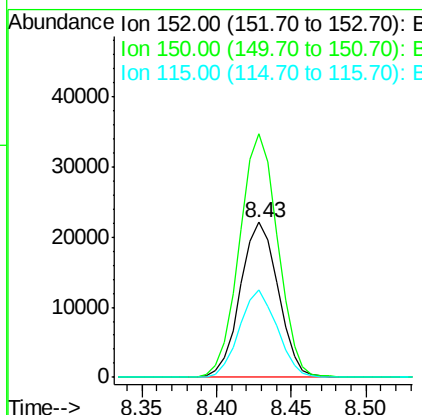
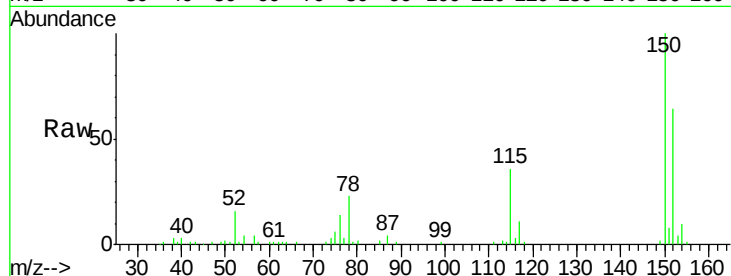




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.43 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BG027887.D
 Acq: 8 Jul 2017 3:16

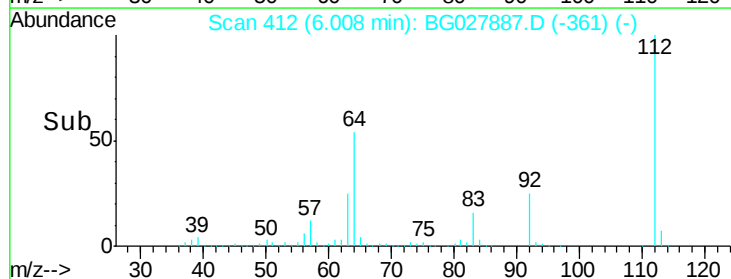
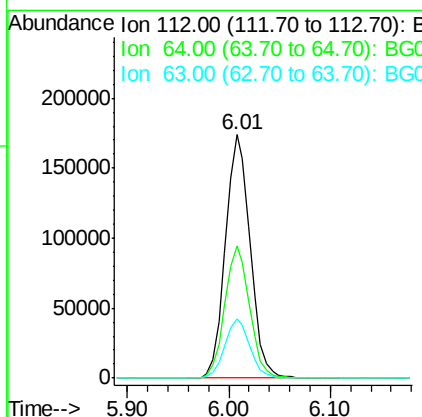
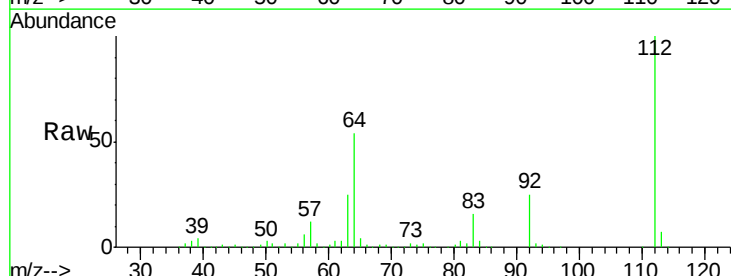
Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

Tgt Ion:152 Resp: 38934
 Ion Ratio Lower Upper
 152 100
 150 156.9 114.0 171.0
 115 56.7 48.1 72.1



#5
 2-Fluorophenol
 Concen: 116.411 ng
 RT: 6.01 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG027887.D
 Acq: 8 Jul 2017 3:16

Tgt Ion:112 Resp: 294325
 Ion Ratio Lower Upper
 112 100
 64 54.3 61.8 92.6#
 63 24.5 37.2 55.8#





#7

Phenol-d6

Concen: 97.717 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027887.D

Acq: 8 Jul 2017 3:16

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

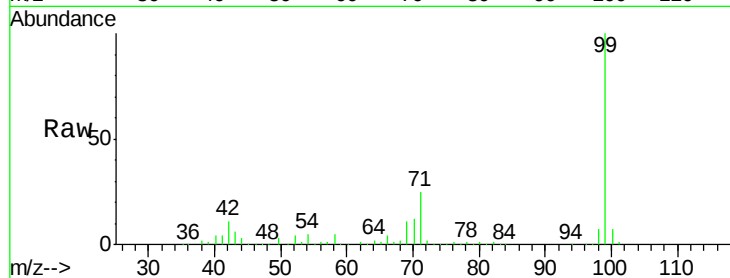
Tgt Ion: 99 Resp: 377434

Ion Ratio Lower Upper

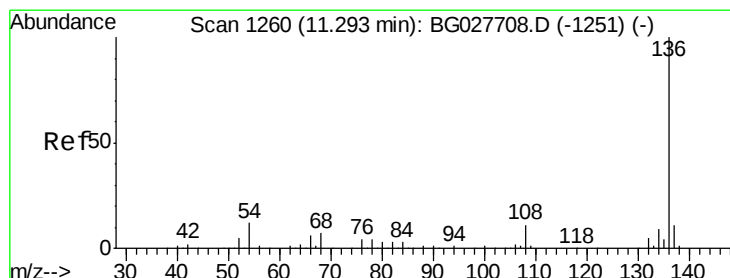
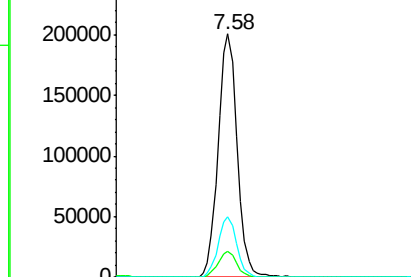
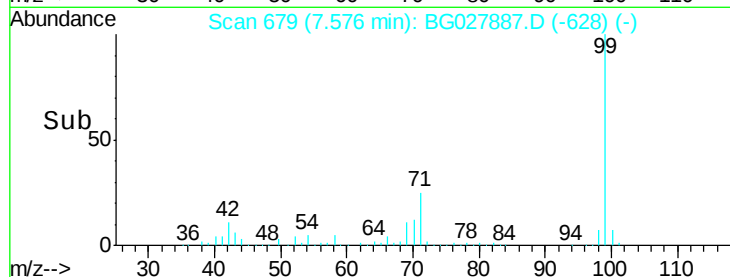
99 100

42 10.8 20.5 30.7#

71 24.8 37.6 56.4#



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: 20.000 ng

RT: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027887.D

Acq: 8 Jul 2017 3:16

Tgt Ion: 136 Resp: 169211

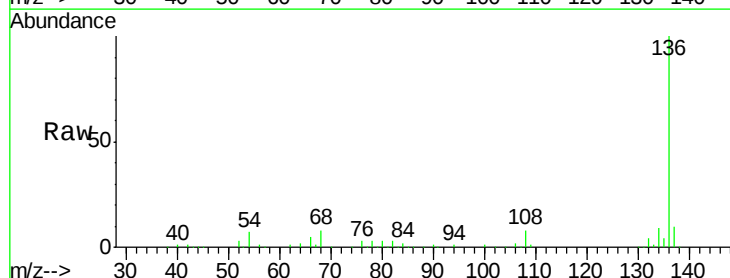
Ion Ratio Lower Upper

136 100

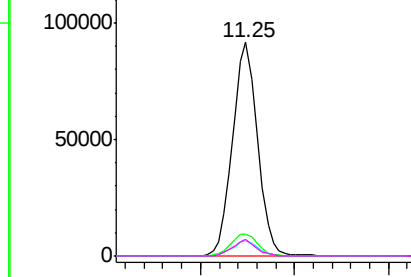
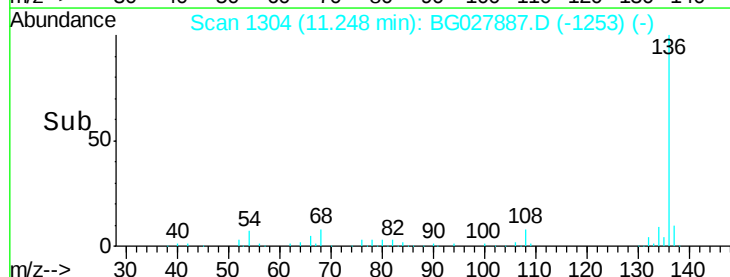
137 10.2 8.9 13.3

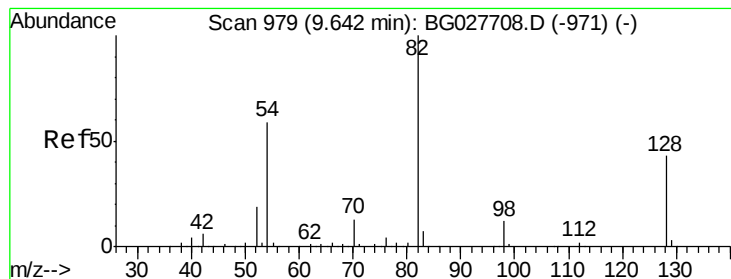
54 7.1 9.3 13.9#

68 8.1 5.1 7.7#



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: 72.442 ng

RT: 9.59 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG027887.D

Acq: 8 Jul 2017 3:16

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

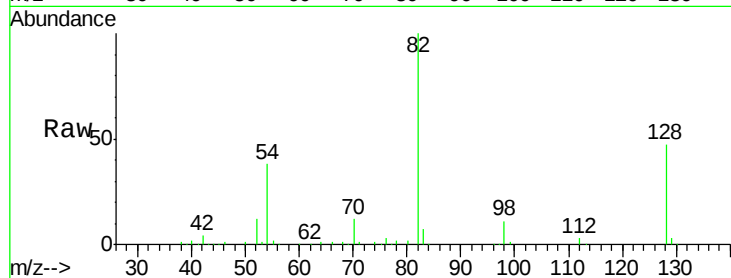
Tgt Ion: 82 Resp: 219911

Ion Ratio Lower Upper

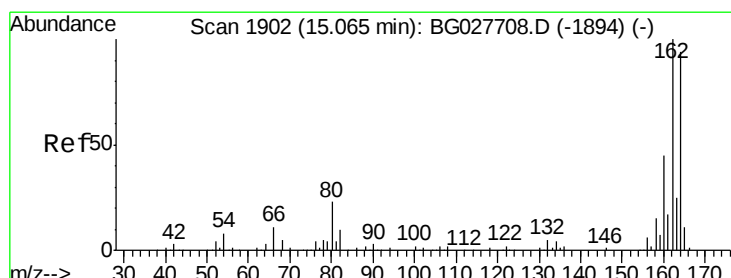
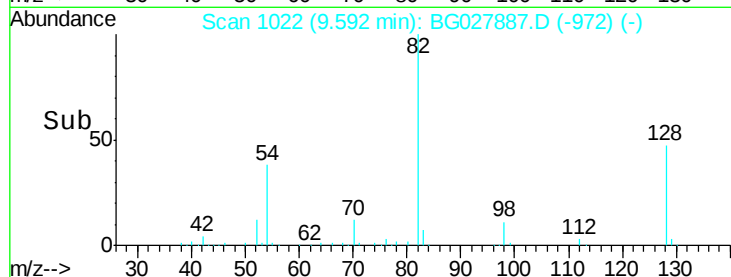
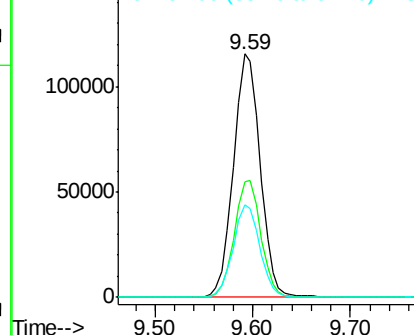
82 100

128 47.4 26.4 39.6#

54 37.8 49.4 74.2#



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: 20.000 ng

RT: 15.03 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG027887.D

Acq: 8 Jul 2017 3:16

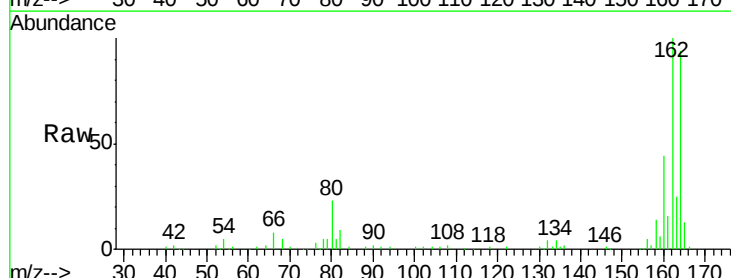
Tgt Ion: 164 Resp: 96089

Ion Ratio Lower Upper

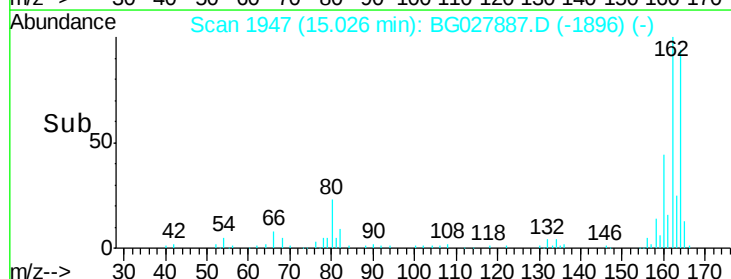
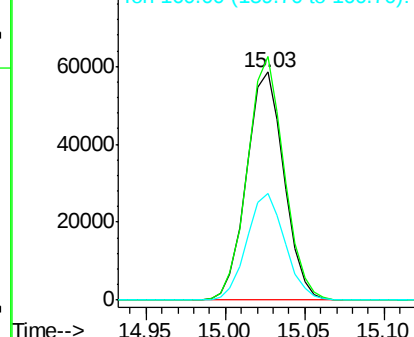
164 100

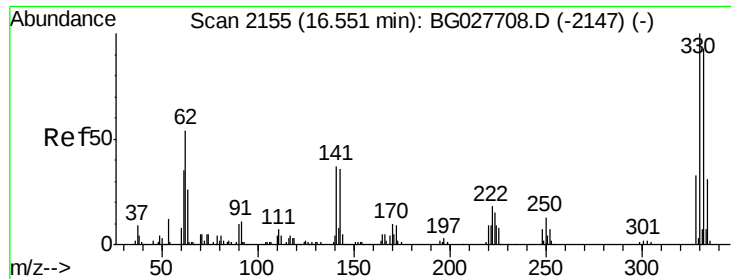
162 106.9 85.1 127.7

160 46.8 34.7 52.1



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

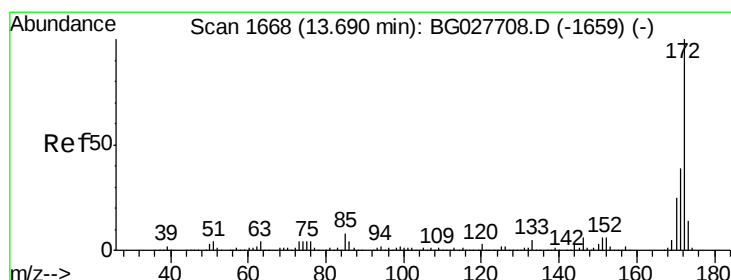
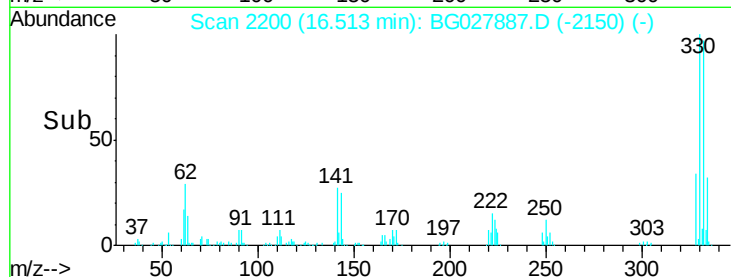
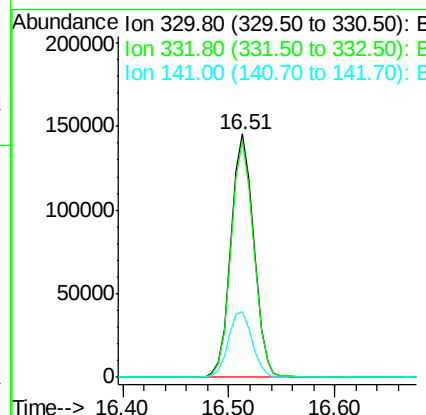
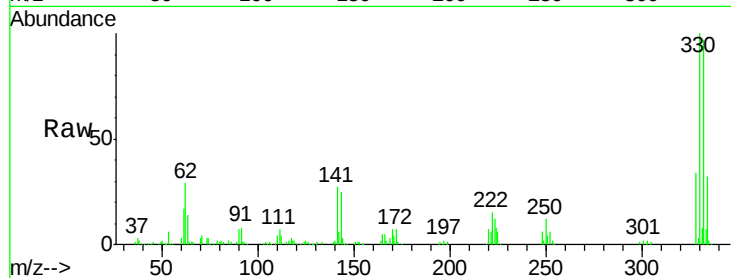




#41
 2,4,6-Tribromophenol
 Concen: 164.721 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027887.D
 Acq: 8 Jul 2017 3:16

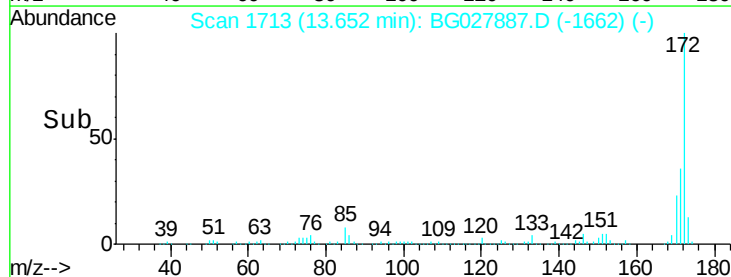
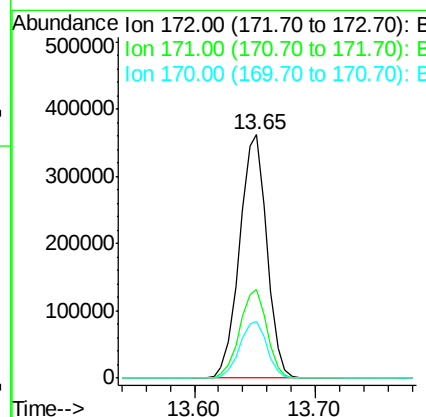
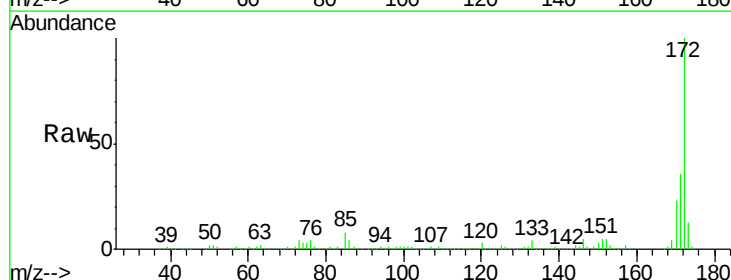
Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

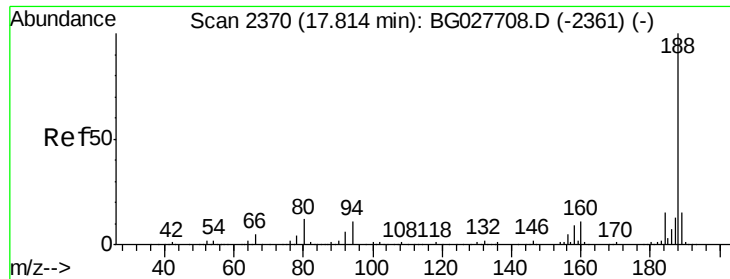
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.3	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 84.593 ng
 RT: 13.65 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG027887.D
 Acq: 8 Jul 2017 3:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	23.3	21.8	32.6

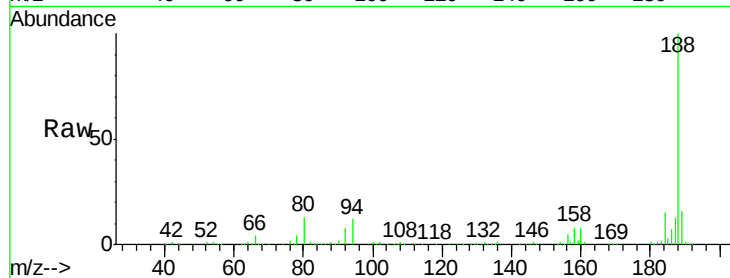




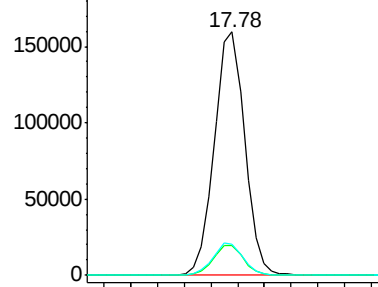
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027887.D
Acq: 8 Jul 2017 3:16

Instrument :
BNA_G
ClientSampleId :
STOCKPILE

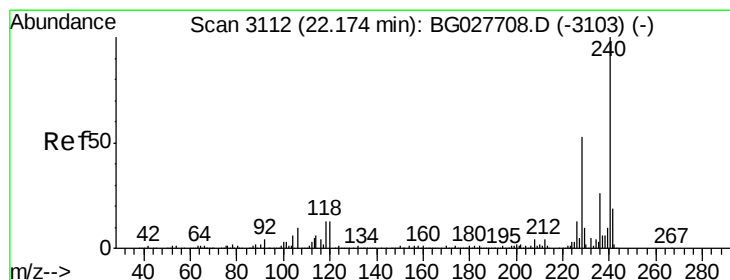
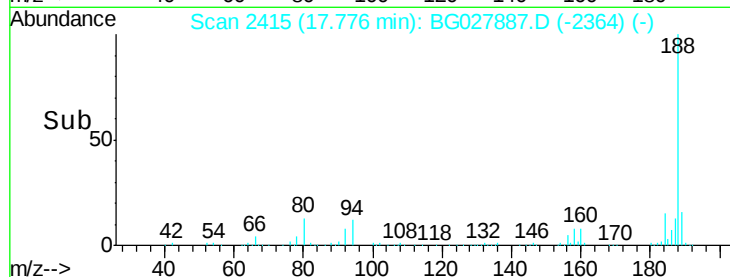
Tgt Ion:188 Resp: 250836
Ion Ratio Lower Upper
188 100
94 12.1 5.8 8.8#
80 12.7 7.5 11.3#



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

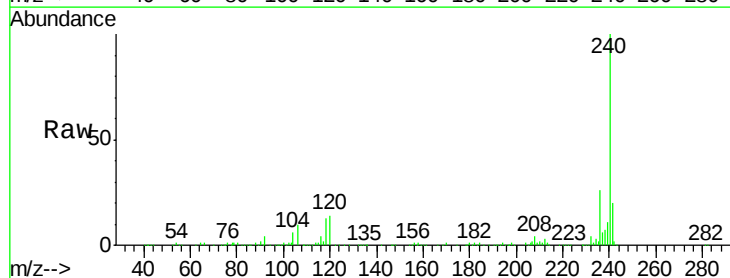


Time--> 17.70 17.80

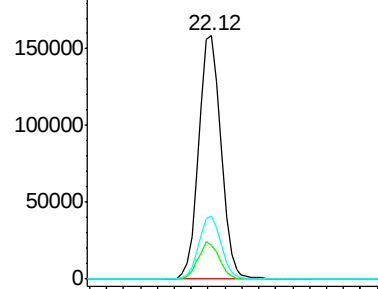


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.12 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG027887.D
Acq: 8 Jul 2017 3:16

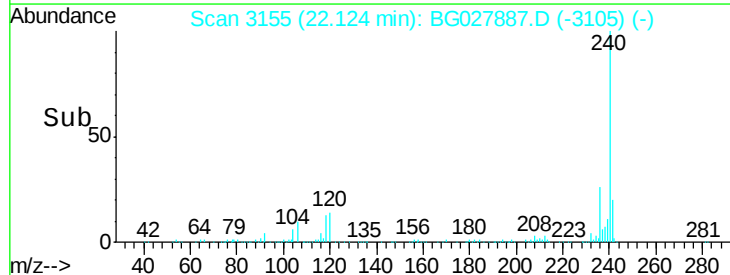
Tgt Ion:240 Resp: 288651
Ion Ratio Lower Upper
240 100
120 14.0 5.7 8.5#
236 26.2 22.2 33.4



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



Time--> 22.00 22.10 22.20





#78

Terphenyl-d14

Concen: 91.458 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027887.D

Acq: 8 Jul 2017 3:16

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

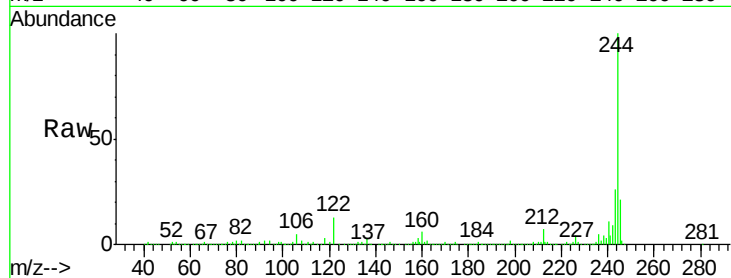
Tgt Ion:244 Resp: 1126079

Ion Ratio Lower Upper

244 100

212 6.5 10.0 15.0#

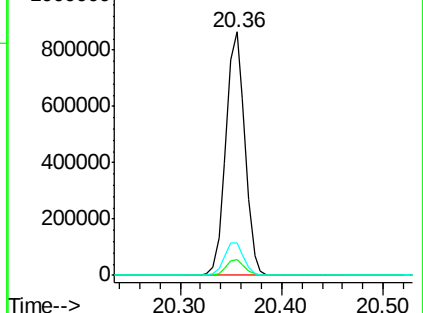
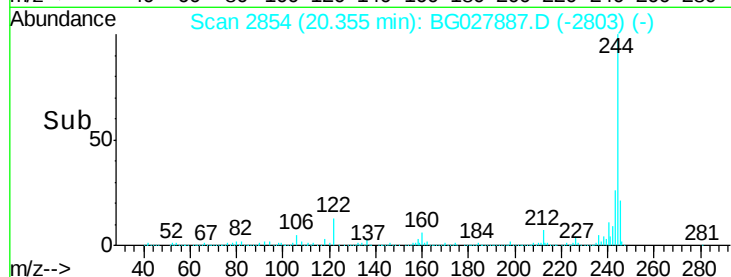
122 13.2 8.6 12.8#



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: 20.000 ng

RT: 25.70 min Scan# 3763

Delta R.T. -0.00 min

Lab File: BG027887.D

Acq: 8 Jul 2017 3:16

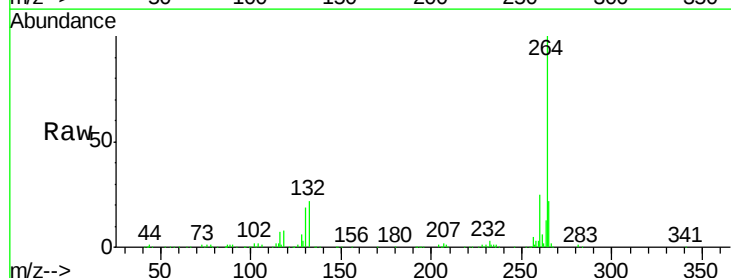
Tgt Ion:264 Resp: 276366

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 21.7 18.2 27.4



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

