

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026593.D
 Acq On : 7 Apr 2017 9:11
 Operator : SJ/MA
 Sample : I2571-03RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUNCAN-AVERE

Quant Time: Apr 07 13:38:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	147084	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	583249	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	124266	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	581240	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	126322	20.00	ng	0.00
86) Perylene-d12	24.82	264	9686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1121402	135.32	ng	0.00
7) Phenol-d6	7.20	99	668206	60.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	868302	89.52	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	674061	473.67	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2246594	253.53	ng	-0.01
78) Terphenyl-d14	19.98	244	2344400	450.72	ng	-0.01

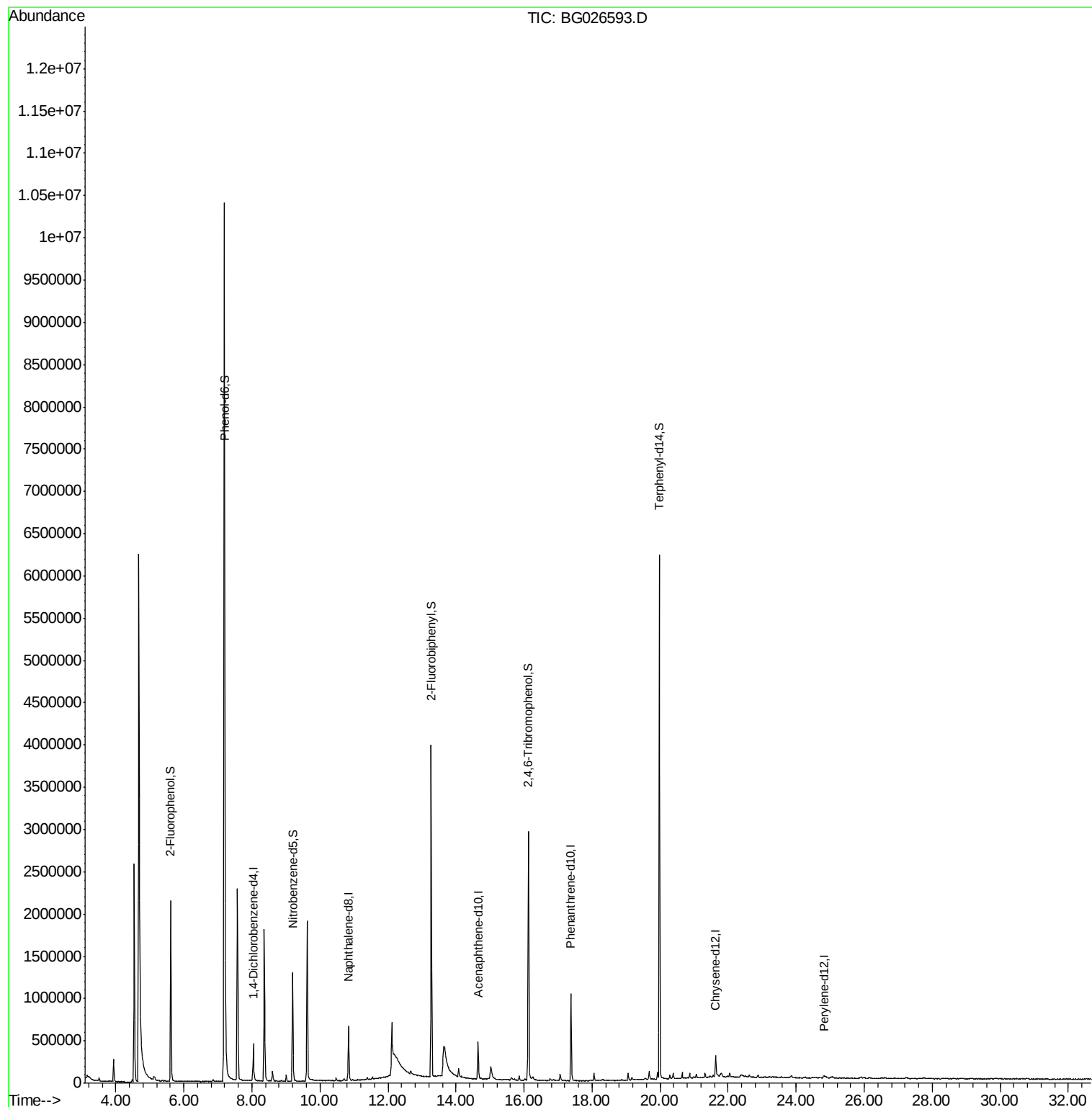
Target Compounds Qvalue

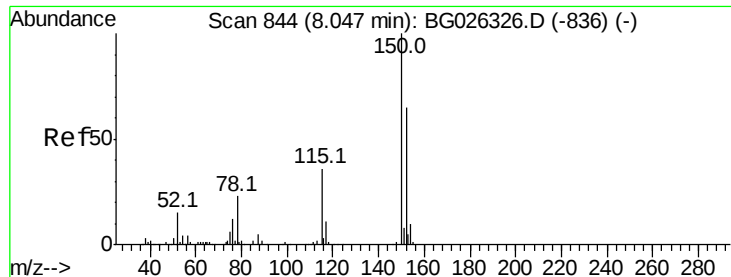
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026593.D

Acq: 7 Apr 2017 9:11

Instrument :

BNA_G

ClientSampleId :

DUNCAN-AVERE

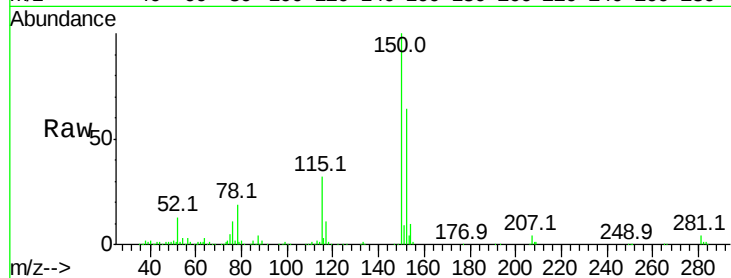
Tot Ion:152 Resp: 147084

Ion Ratio Lower Upper

152 100

150 156.1 114.0 171.0

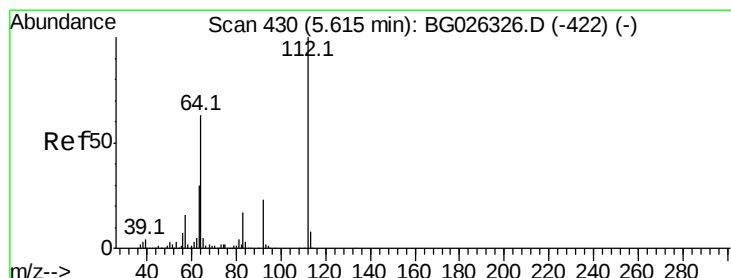
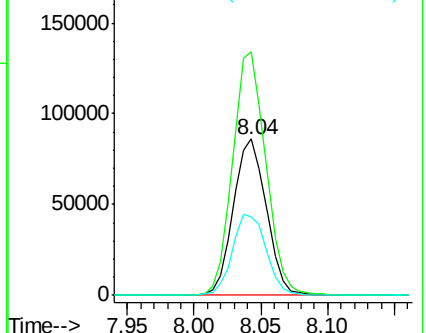
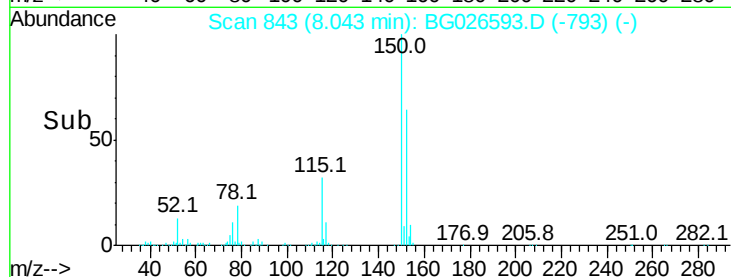
115 50.2 48.1 72.1



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: 135.32 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026593.D

Acq: 7 Apr 2017 9:11

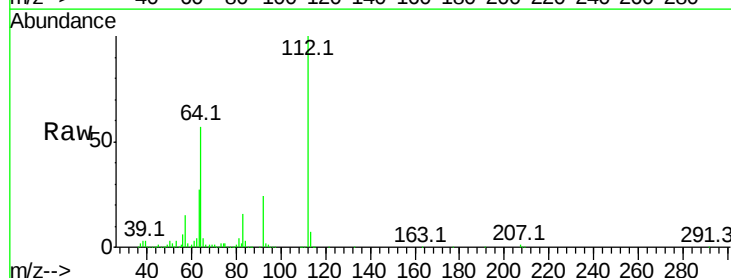
Tgt Ion:112 Resp: 1121402

Ion Ratio Lower Upper

112 100

64 56.6 61.8 92.6#

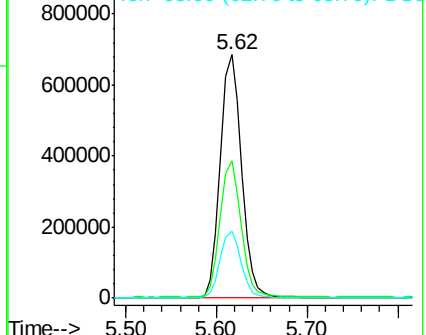
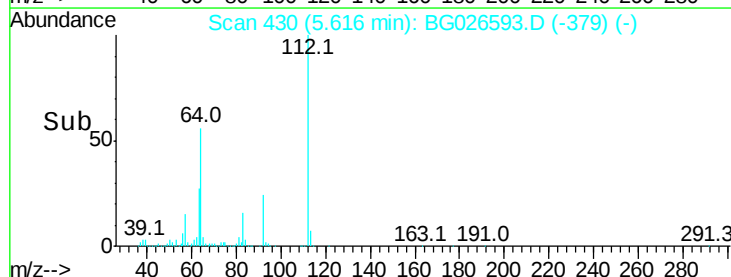
63 27.3 37.2 55.8#



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: 60.06 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026593.D

Acq: 7 Apr 2017 9:11

Instrument :

BNA_G

ClientSampleId :

DUNCAN-AVERE

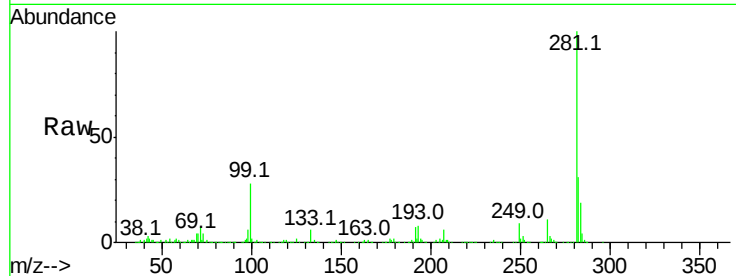
Tot Ion: 99 Resp: 668206

Ion Ratio Lower Upper

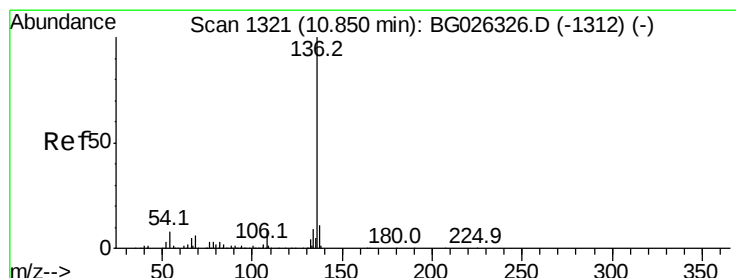
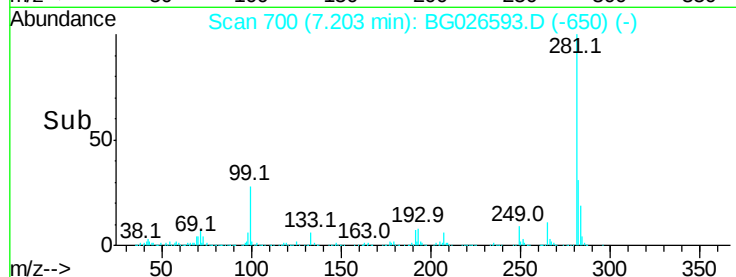
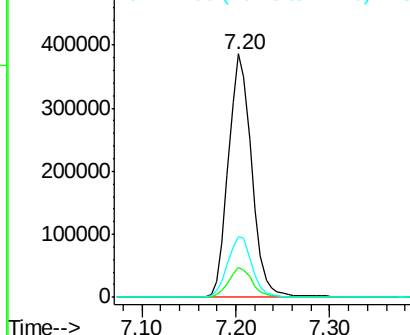
99 100

42 12.1 20.5 30.7#

71 25.0 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: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026593.D

Acq: 7 Apr 2017 9:11

Tgt Ion: 136 Resp: 583249

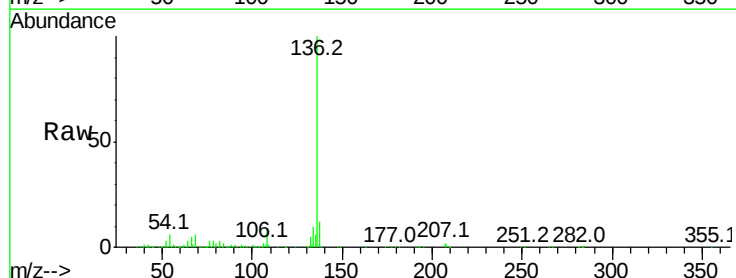
Ion Ratio Lower Upper

136 100

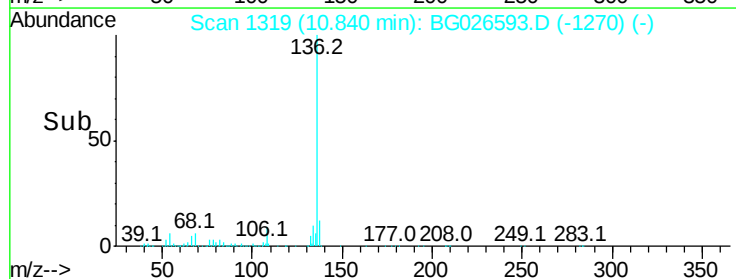
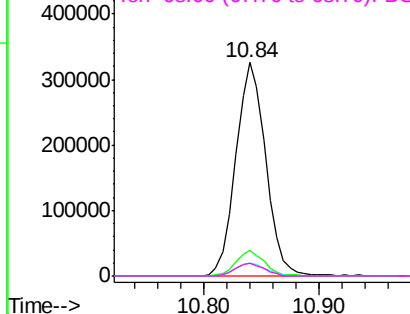
137 11.7 8.9 13.3

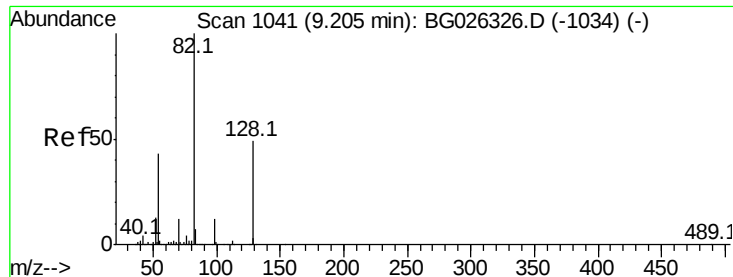
54 6.1 9.3 13.9#

68 6.3 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

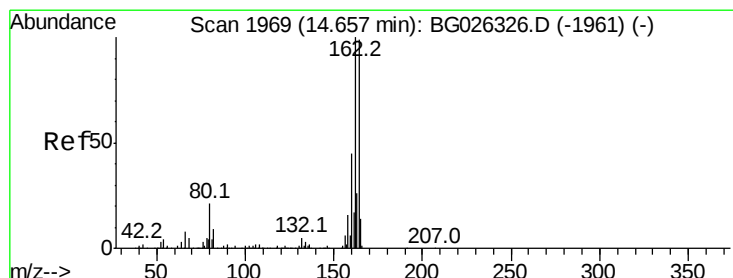
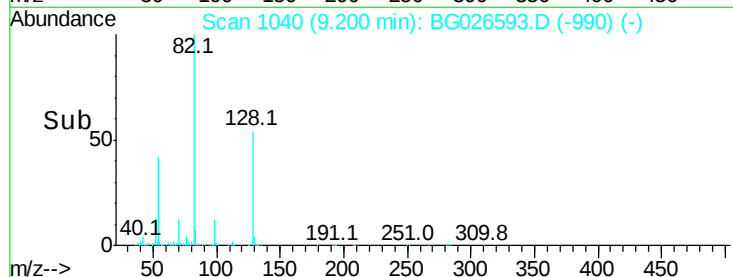
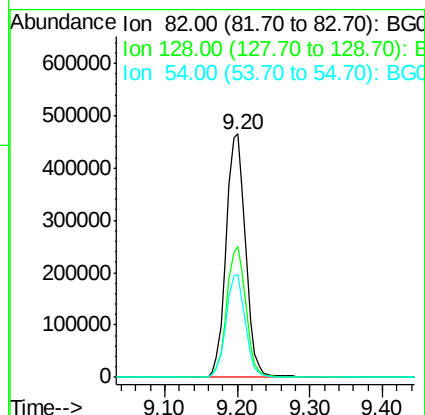
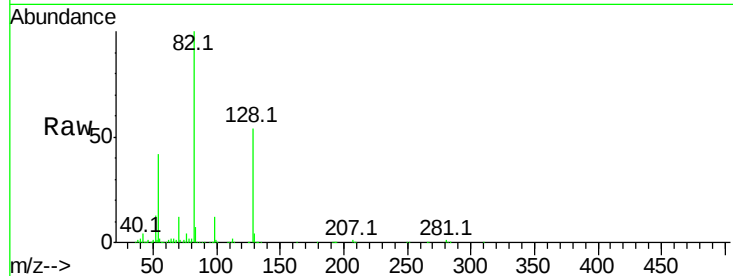




#23
 Nitrobenzene-d5
 Concen: 89.52 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026593.D
 Acq: 7 Apr 2017 9:11

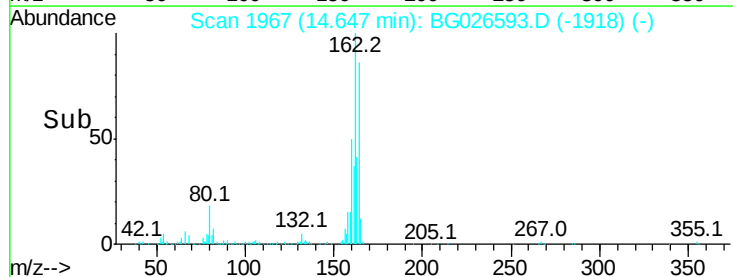
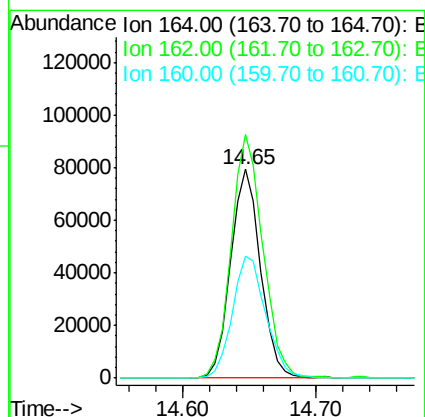
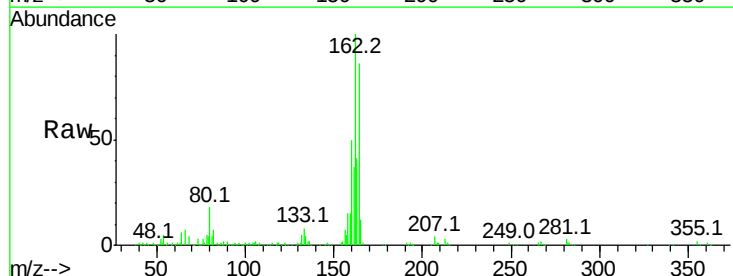
Instrument :
 BNA_G
 ClientSampleId :
 DUNCAN-AVERE

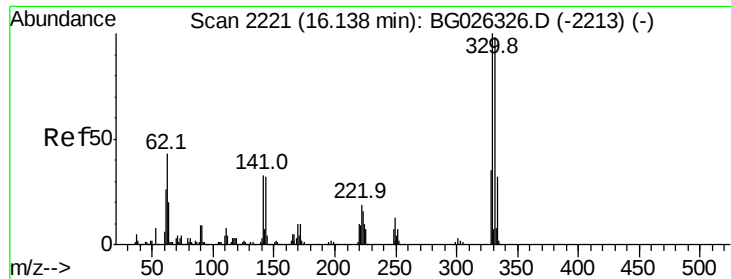
Tot Ion: 82 Resp: 868302
 Ion Ratio Lower Upper
 82 100
 128 54.0 26.4 39.6#
 54 42.0 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026593.D
 Acq: 7 Apr 2017 9:11

Tgt Ion:164 Resp: 124266
 Ion Ratio Lower Upper
 164 100
 162 116.6 85.1 127.7
 160 58.3 34.7 52.1#

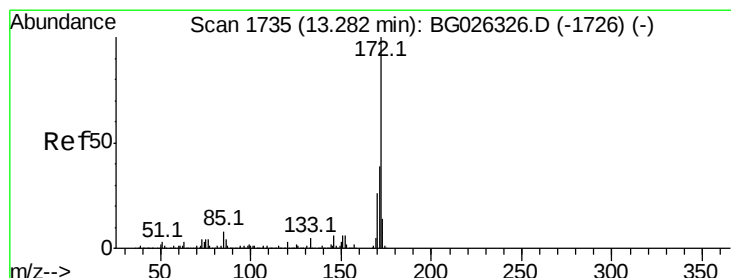
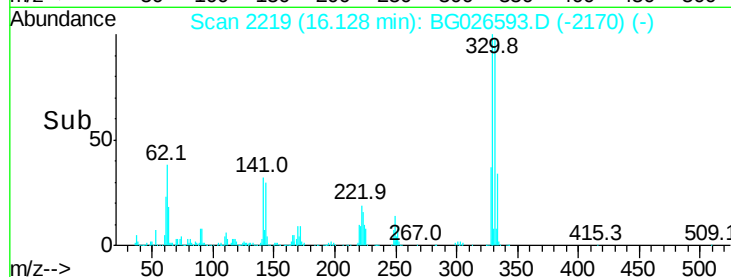
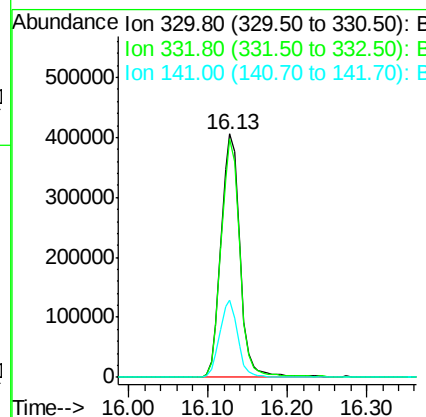
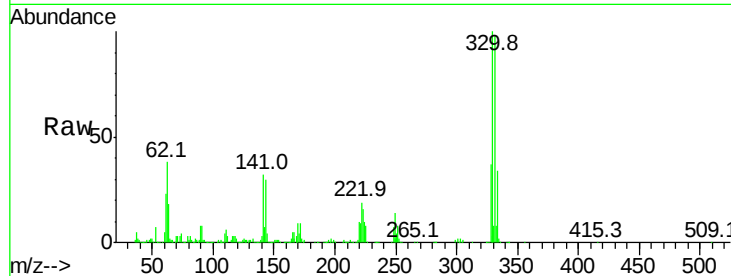




#41
 2,4,6-Tribromophenol
 Concen: 473.67 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026593.D
 Acq: 7 Apr 2017 9:11

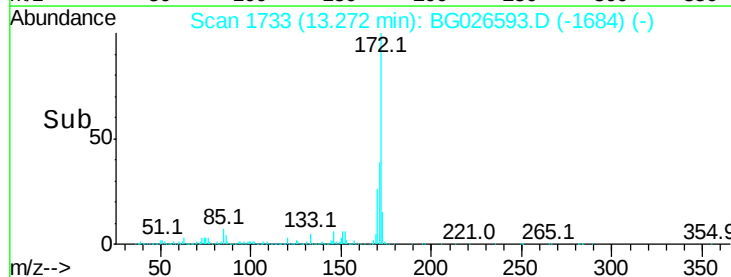
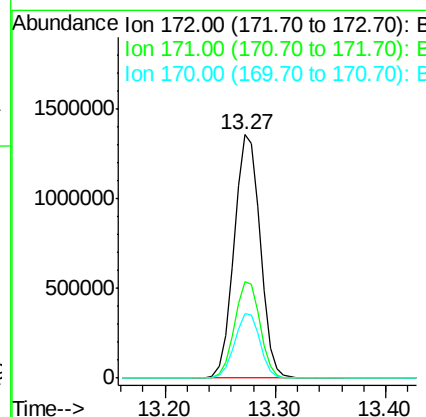
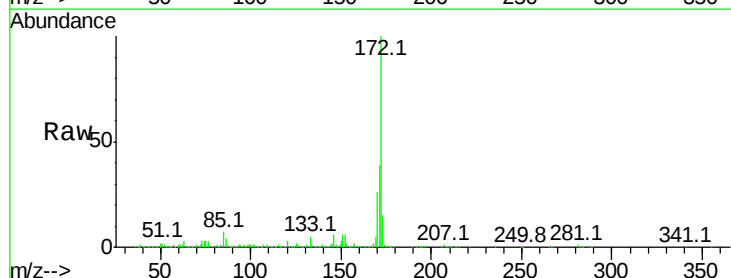
Instrument :
 BNA_G
 ClientSampleId :
 DUNCAN-AVERE

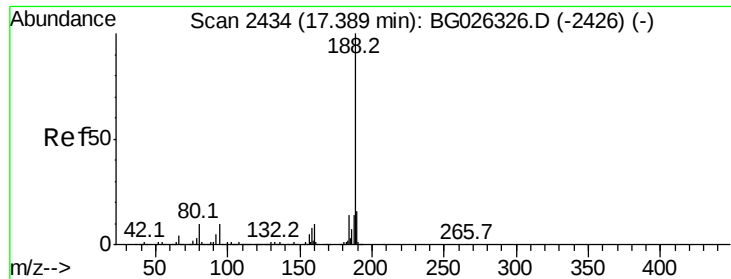
Tot Ion:330 Resp: 674061
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 30.2 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 253.53 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026593.D
 Acq: 7 Apr 2017 9:11

Tgt Ion:172 Resp: 2246594
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 26.2 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026593.D

Acq: 7 Apr 2017 9:11

Instrument :

BNA_G

ClientSampleId :

DUNCAN-AVERE

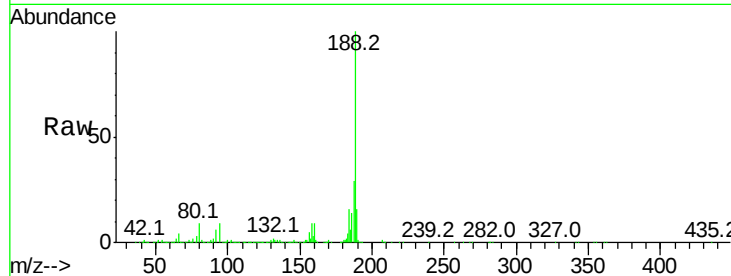
Tot Ion:188 Resp: 581240

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

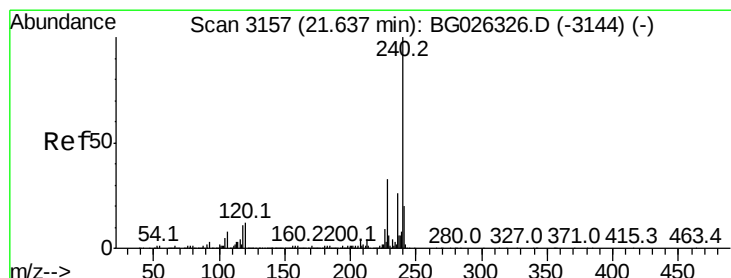
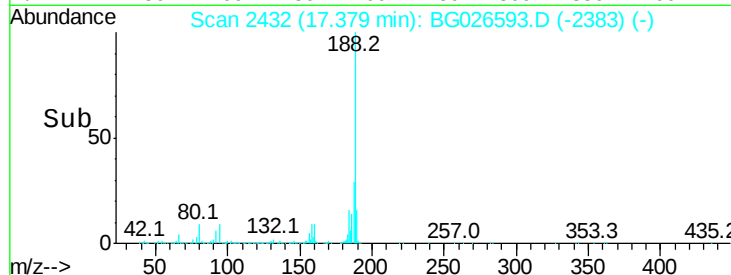
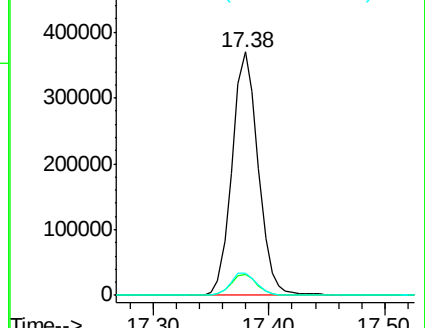
80 9.1 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026593.D

Acq: 7 Apr 2017 9:11

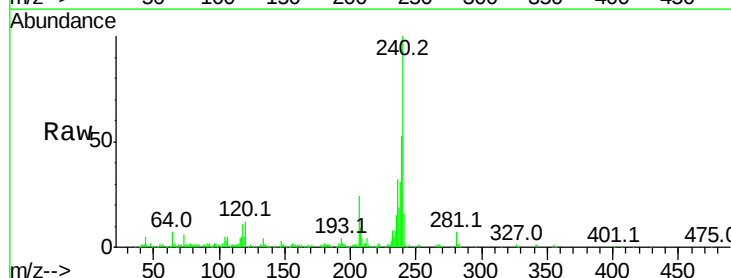
Tgt Ion:240 Resp: 126322

Ion Ratio Lower Upper

240 100

120 12.3 5.7 8.5#

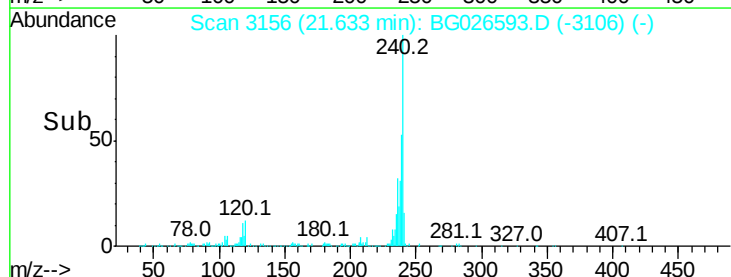
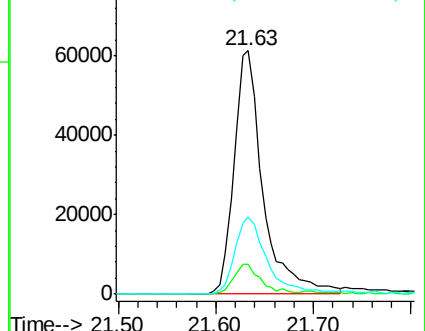
236 31.7 22.2 33.4

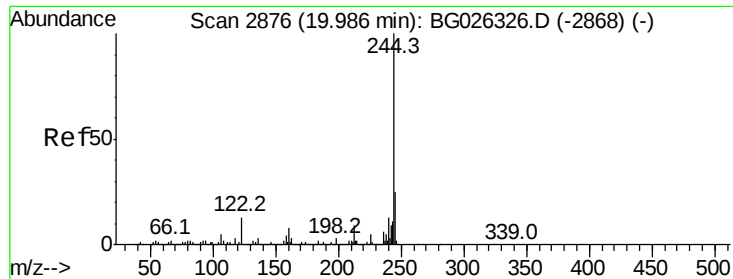


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 450.72 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026593.D

Acq: 7 Apr 2017 9:11

Instrument :

BNA_G

ClientSampleId :

DUNCAN-AVERE

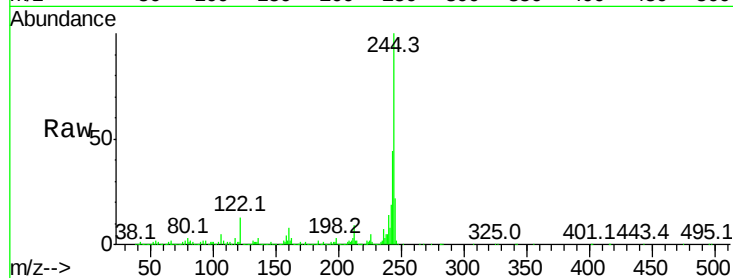
Tot Ion:244 Resp: 2344400

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

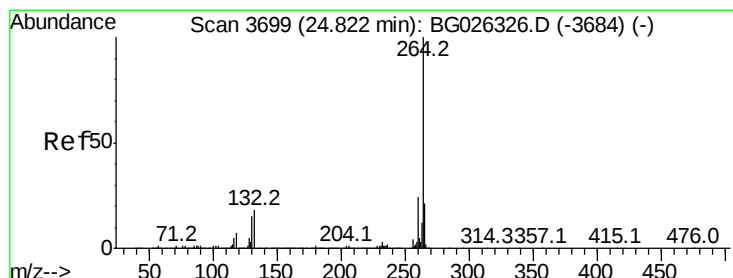
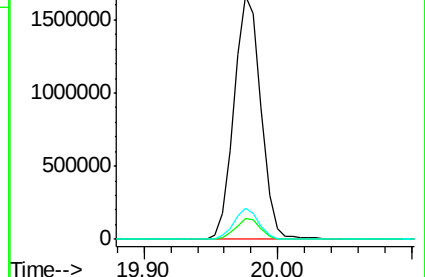
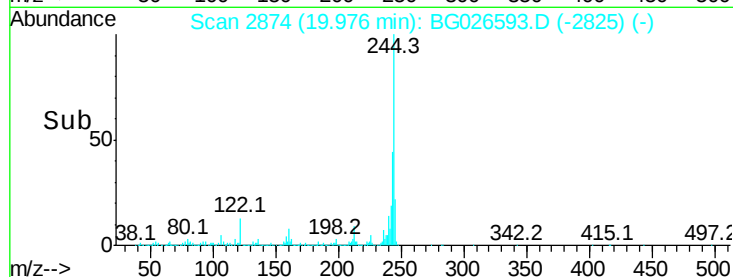
122 12.9 8.6 12.8#



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: 24.82 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BG026593.D

Acq: 7 Apr 2017 9:11

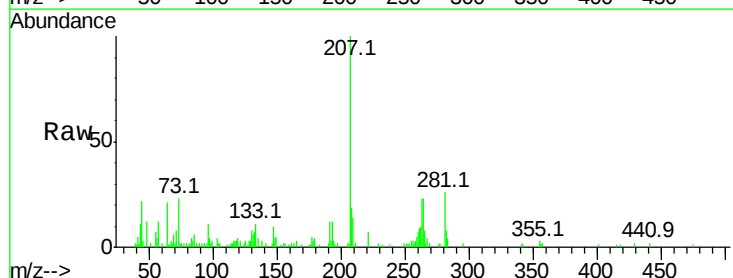
Tgt Ion:264 Resp: 9686

Ion Ratio Lower Upper

264 100

260 30.5 21.8 32.8

265 36.3 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

