

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
 Data File : BG026553.D
 Acq On : 4 Apr 2017 21:14
 Operator : SJ/MA
 Sample : I2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032917-DSDC-F-U-M

Quant Time: Apr 05 01:16:45 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	164797	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	666726	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	381012	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	924697	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1092068	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1059474	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	427713	46.07	ng	0.00
7) Phenol-d6	7.20	99	390090	31.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	880826	79.44	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	459644	105.34	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2369240	87.20	ng	0.00
78) Terphenyl-d14	19.98	244	3330596	74.07	ng	0.00

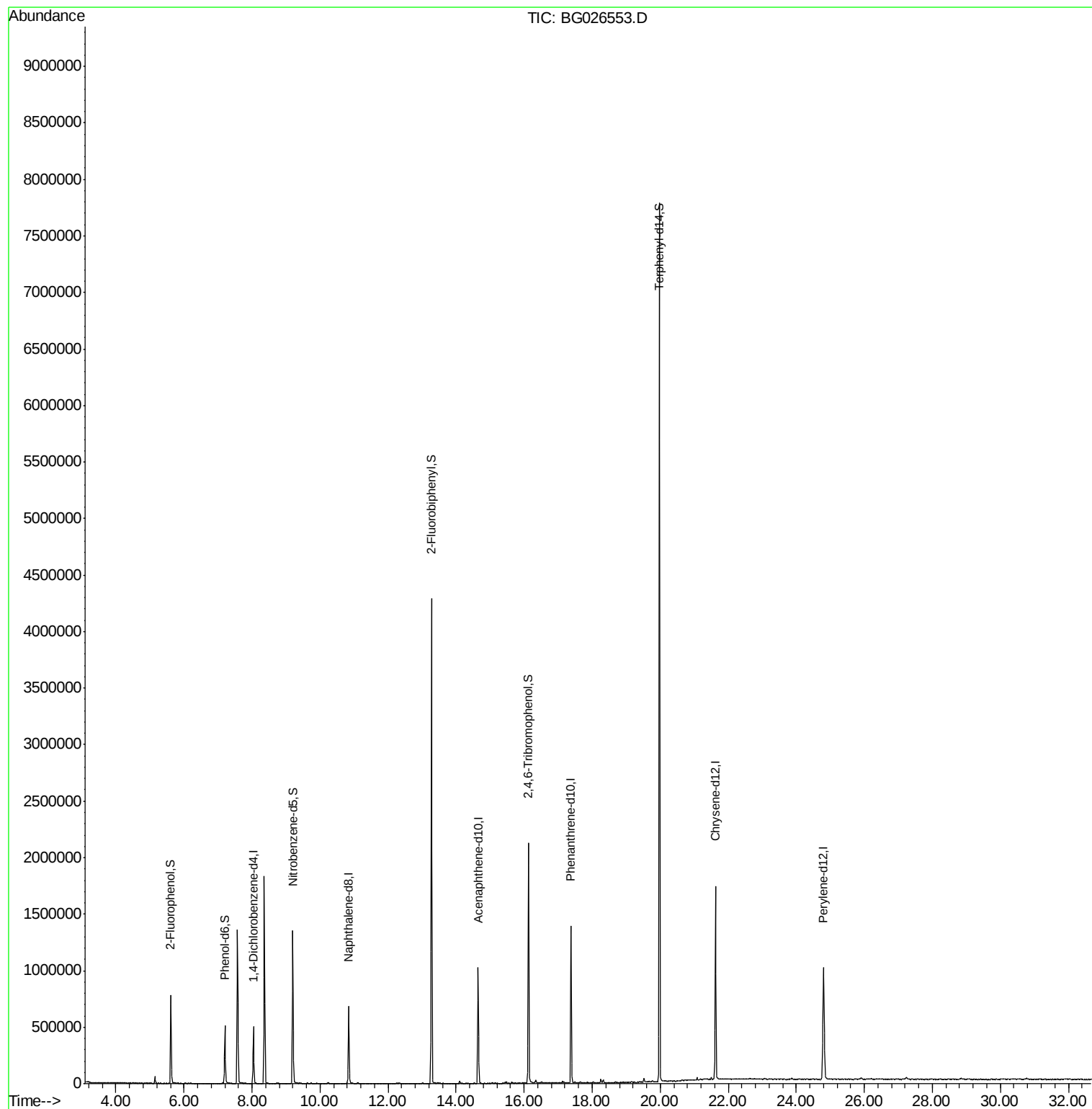
Target Compounds Qvalue

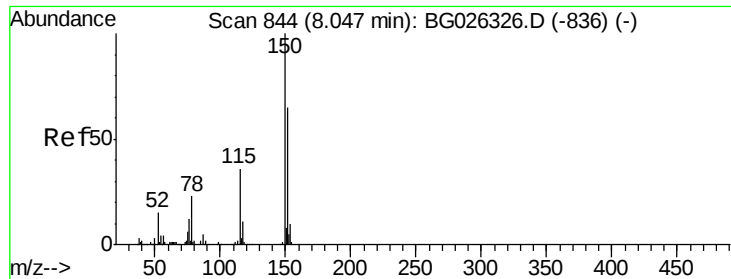
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026553.D

Acq: 4 Apr 2017 21:14

Instrument :

BNA_G

ClientSampleId :

032917-DSDC-F-U-M

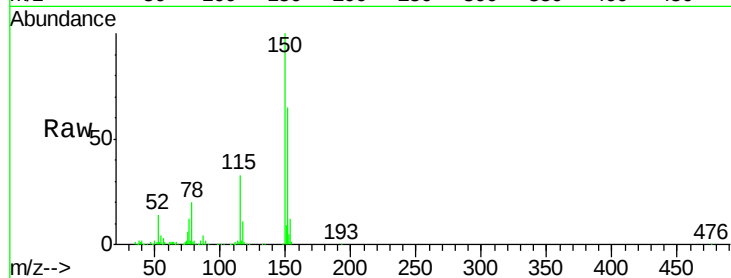
Tot Ion:152 Resp: 164797

Ion Ratio Lower Upper

152 100

150 153.9 114.0 171.0

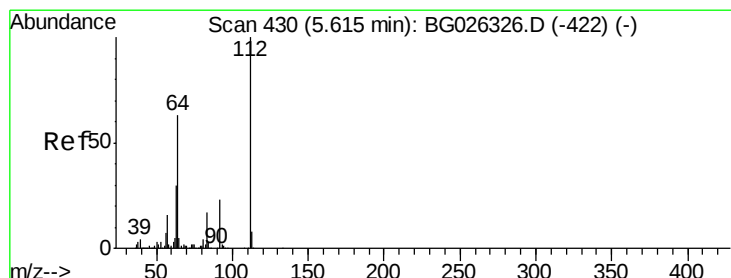
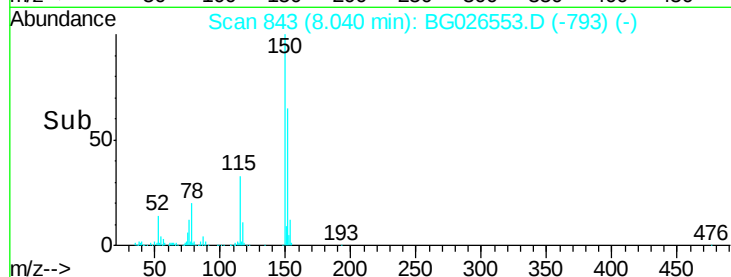
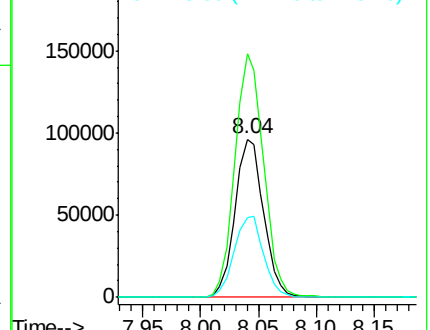
115 50.4 48.1 72.1



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: 46.07 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026553.D

Acq: 4 Apr 2017 21:14

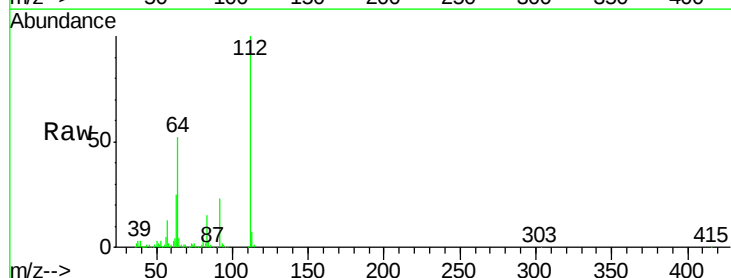
Tgt Ion:112 Resp: 427713

Ion Ratio Lower Upper

112 100

64 52.4 61.8 92.6#

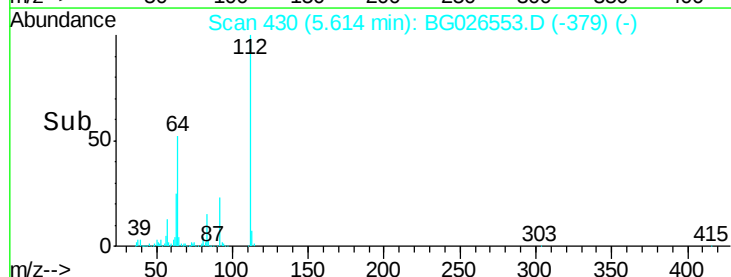
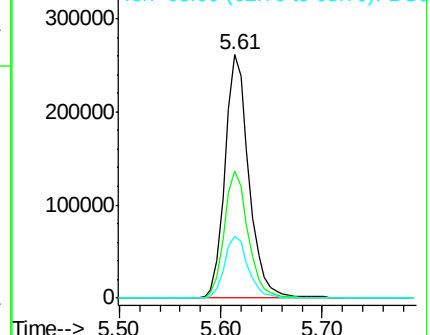
63 25.3 37.2 55.8#

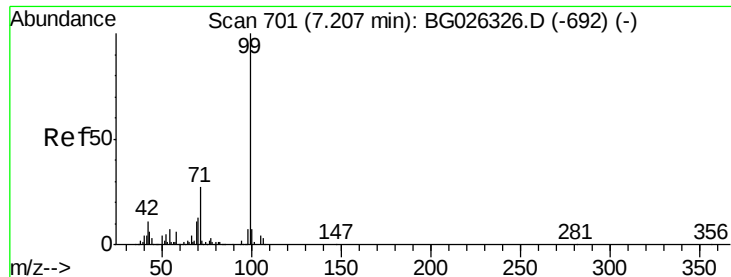


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.29 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026553.D

Acq: 4 Apr 2017 21:14

Instrument :

BNA_G

ClientSampleId :

032917-DSDC-F-U-M

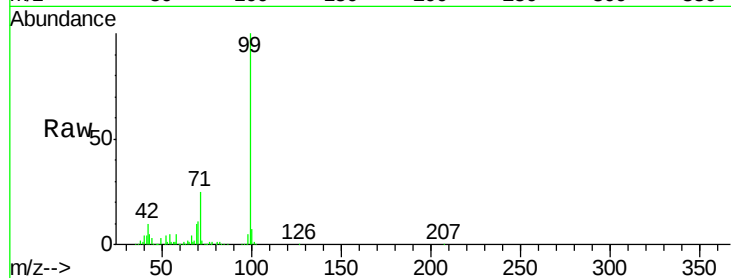
Tot Ion: 99 Resp: 390090

Ion Ratio Lower Upper

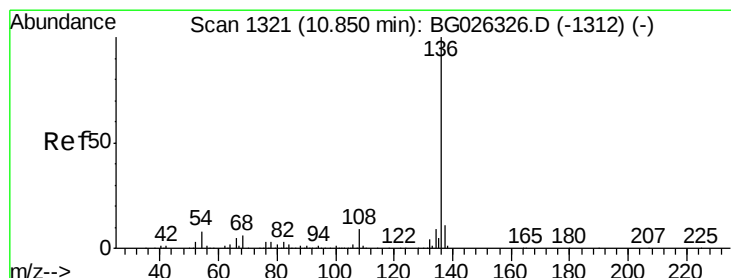
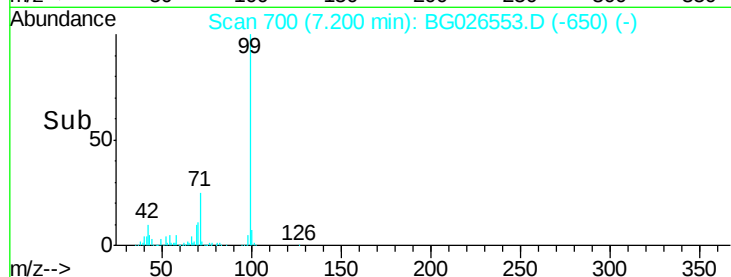
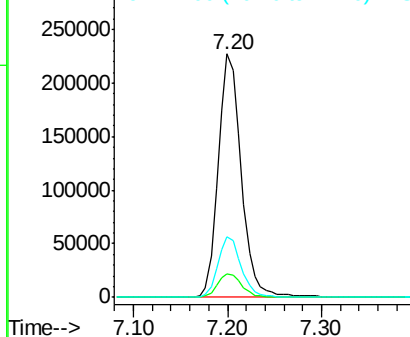
99 100

42 9.7 20.5 30.7#

71 24.7 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# 1320

Delta R.T. -0.01 min

Lab File: BG026553.D

Acq: 4 Apr 2017 21:14

Tgt Ion: 136 Resp: 666726

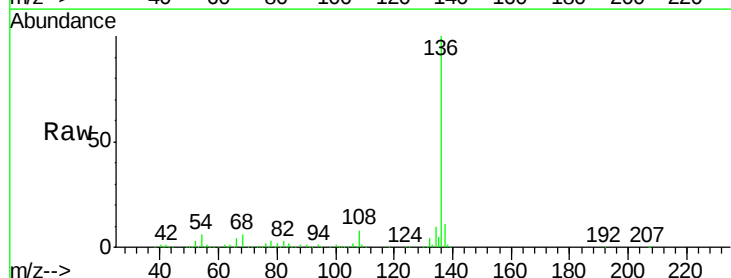
Ion Ratio Lower Upper

136 100

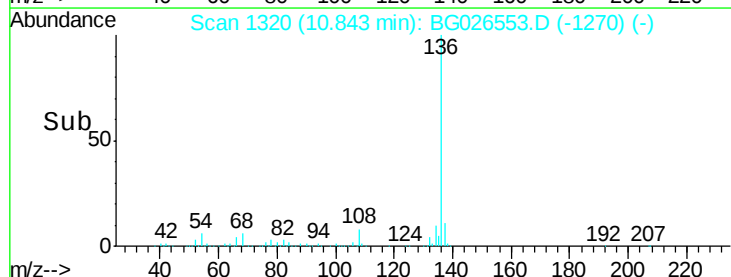
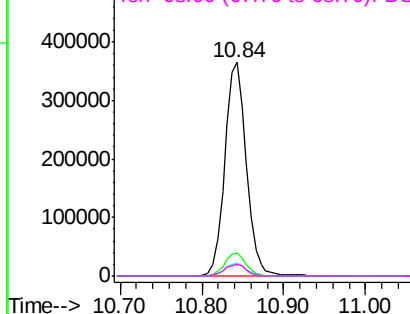
137 11.0 8.9 13.3

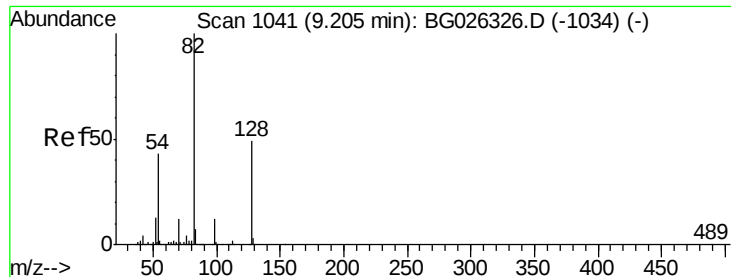
54 6.0 9.3 13.9#

68 5.6 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

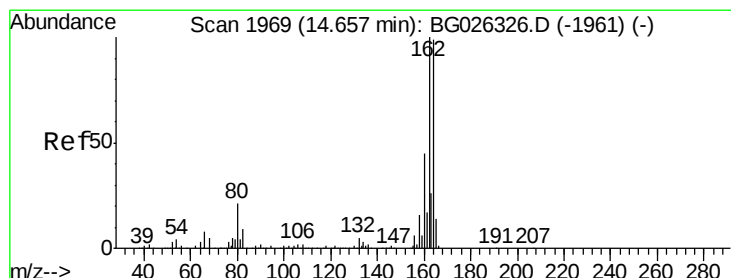
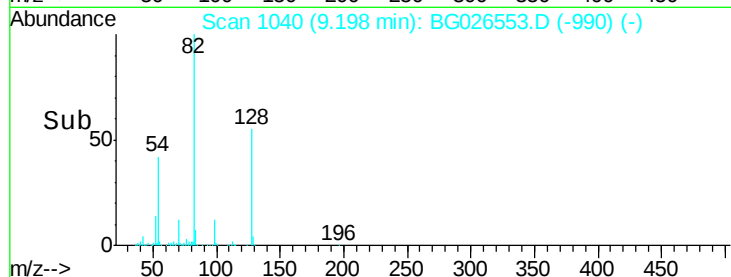
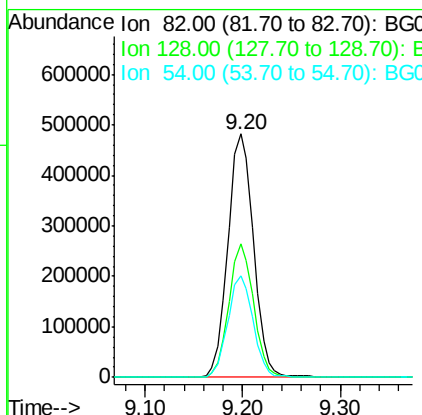
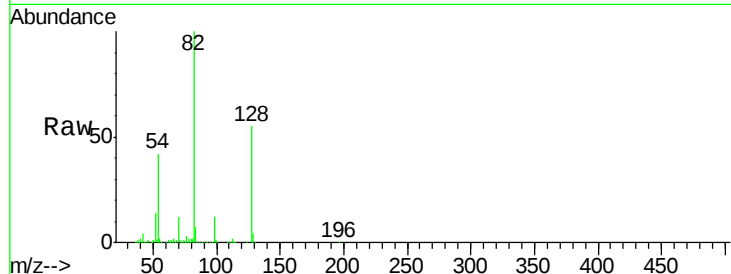




#23
 Nitrobenzene-d5
 Concen: 79.44 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026553.D
 Acq: 4 Apr 2017 21:14

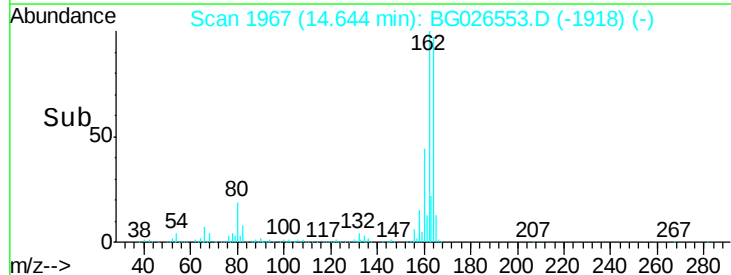
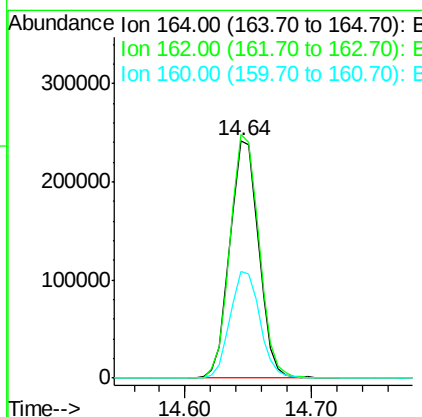
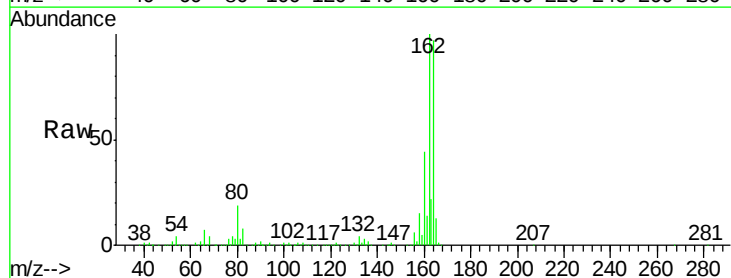
Instrument :
 BNA_G
 ClientSampleId :
 032917-DSDC-F-U-M

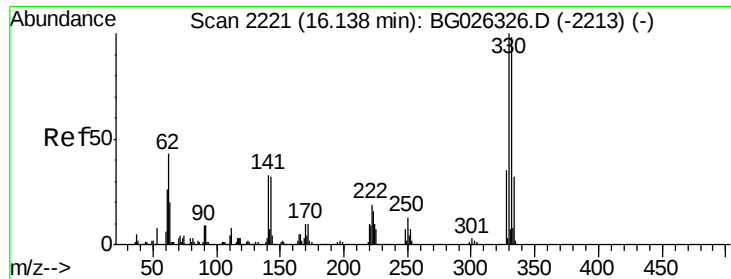
Tot Ion	82	Resp	880826
Ion Ratio	Lower	Upper	
82	100		
128	54.9	26.4	39.6#
54	41.9	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026553.D
 Acq: 4 Apr 2017 21:14

Tgt Ion	164	Resp	381012
Ion Ratio	Lower	Upper	
164	100		
162	102.6	85.1	127.7
160	44.9	34.7	52.1

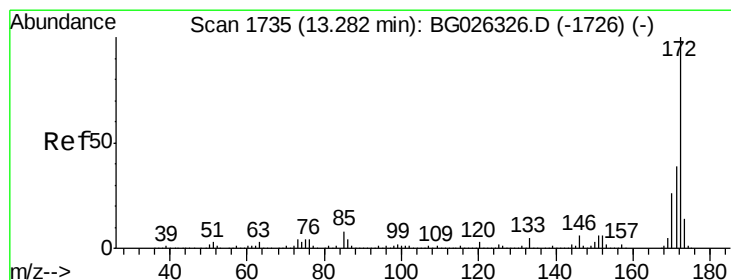
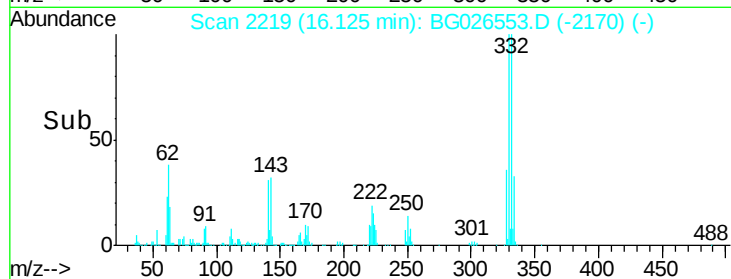
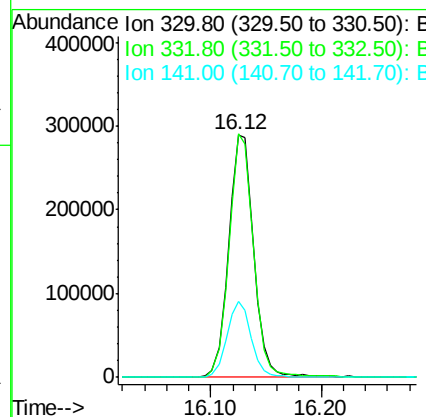
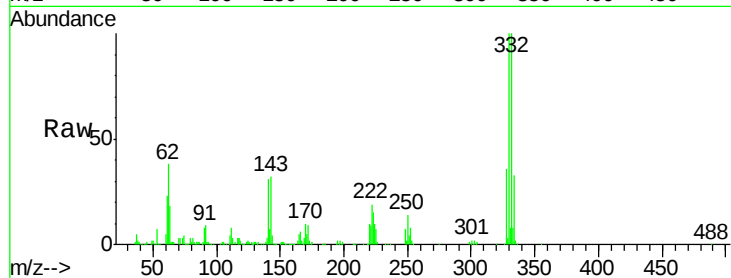




#41
 2,4,6-Tribromophenol
 Concen: 105.34 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026553.D
 Acq: 4 Apr 2017 21:14

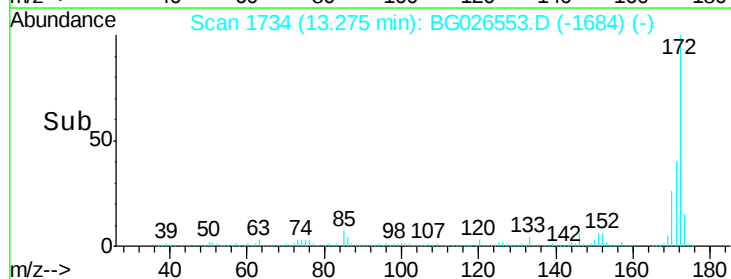
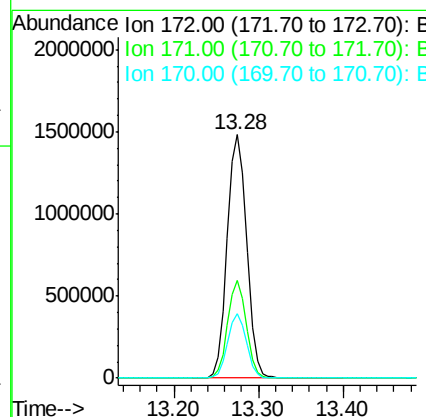
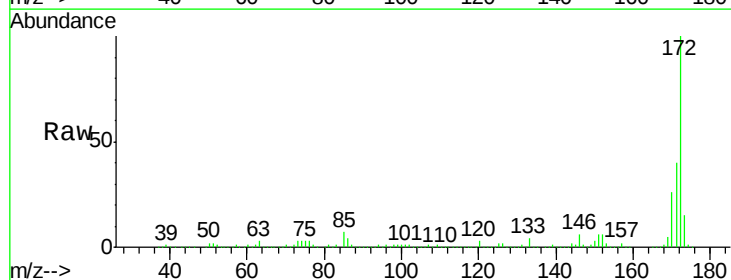
Instrument :
 BNA_G
 ClientSampleId :
 032917-DSDC-F-U-M

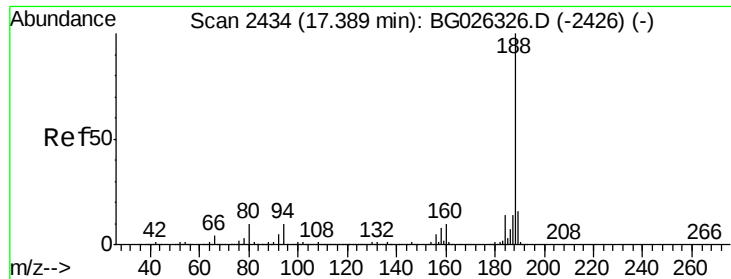
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	30.2	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 87.20 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026553.D
 Acq: 4 Apr 2017 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.2	48.2
170	26.3	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: BG026553.D

Acq: 4 Apr 2017 21:14

Instrument :

BNA_G

ClientSampleId :

032917-DSDC-F-U-M

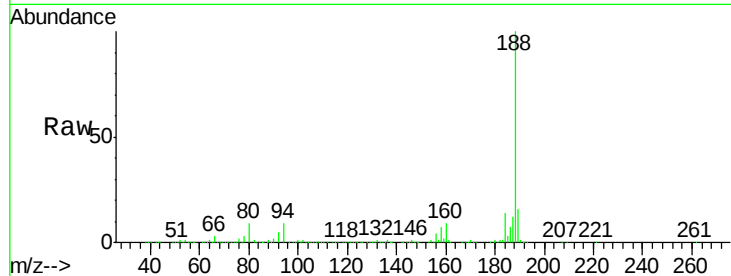
Tot Ion:188 Resp: 924697

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.8#

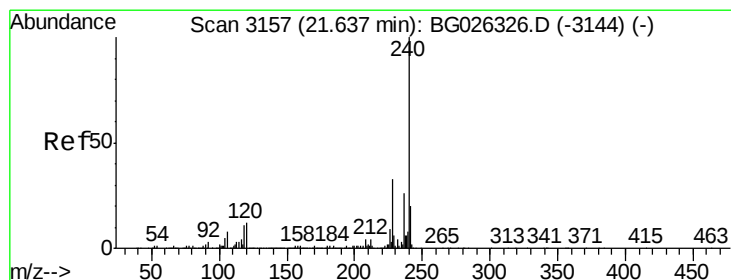
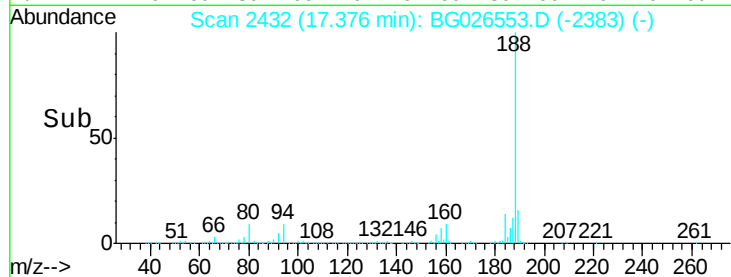
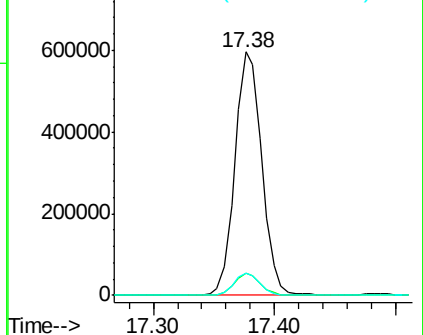
80 8.9 7.5 11.3



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026553.D

Acq: 4 Apr 2017 21:14

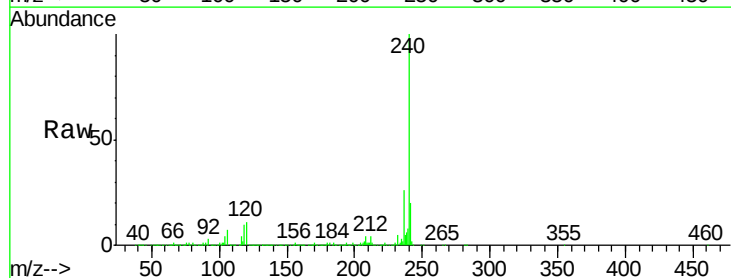
Tgt Ion:240 Resp: 1092068

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

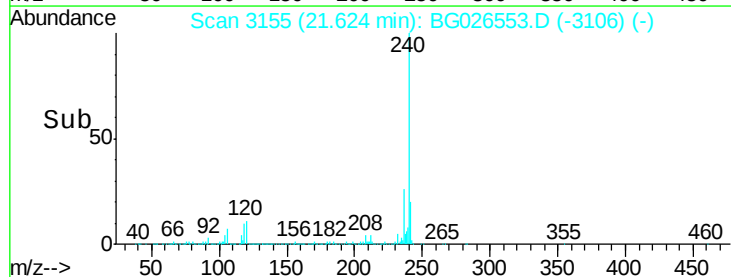
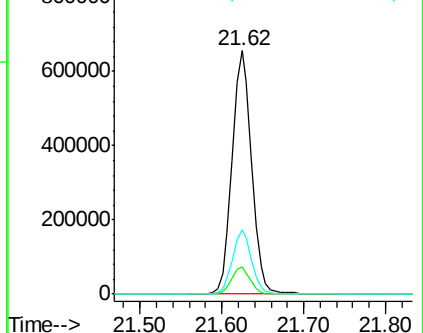
236 26.2 22.2 33.4

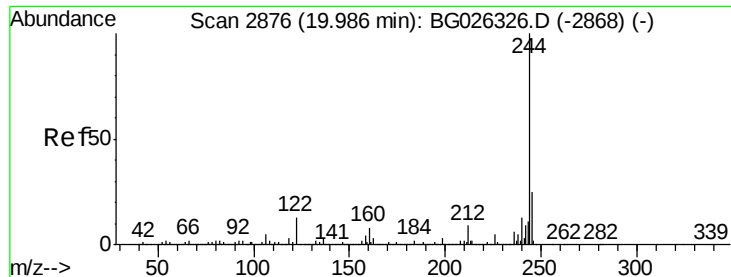


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.07 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026553.D

Acq: 4 Apr 2017 21:14

Instrument :

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ClientSampleId :

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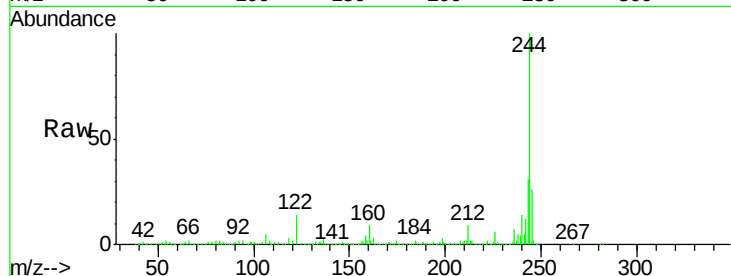
Tot Ion:244 Resp: 3330596

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

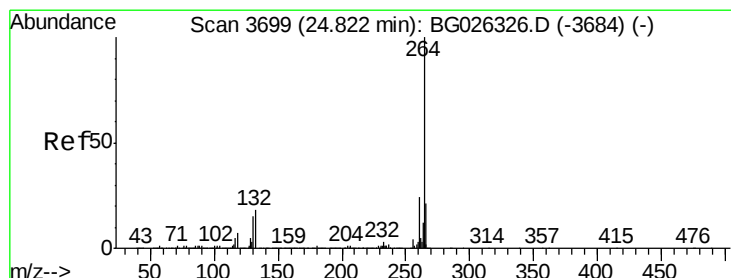
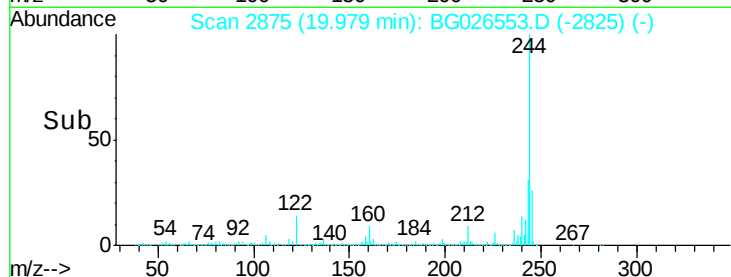
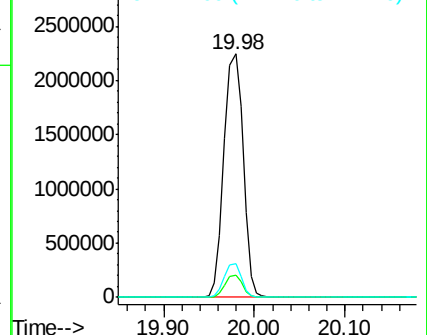
122 13.8 8.6 12.8#



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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026553.D

Acq: 4 Apr 2017 21:14

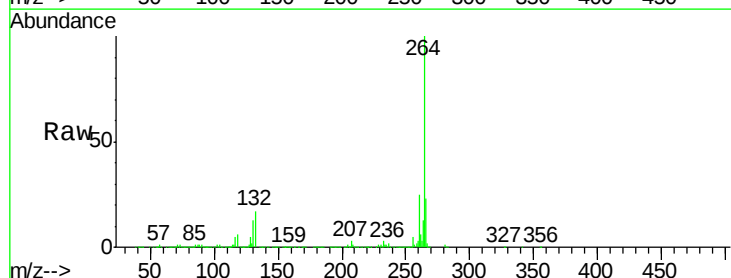
Tgt Ion:264 Resp: 1059474

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 22.6 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

