

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
 Data File : BG026551.D
 Acq On : 4 Apr 2017 19:55
 Operator : SJ/MA
 Sample : I2485-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032917-PRRT-F-D-M

Quant Time: Apr 05 01:16:15 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	166463	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	670232	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	391510	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	943778	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1161660	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1125334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	448618	47.83	ng	0.00
7) Phenol-d6	7.20	99	485339	38.55	ng	0.00
23) Nitrobenzene-d5	9.20	82	953380	85.53	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	506065	112.87	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2595275	92.96	ng	0.00
78) Terphenyl-d14	19.98	244	3656200	76.44	ng	0.00

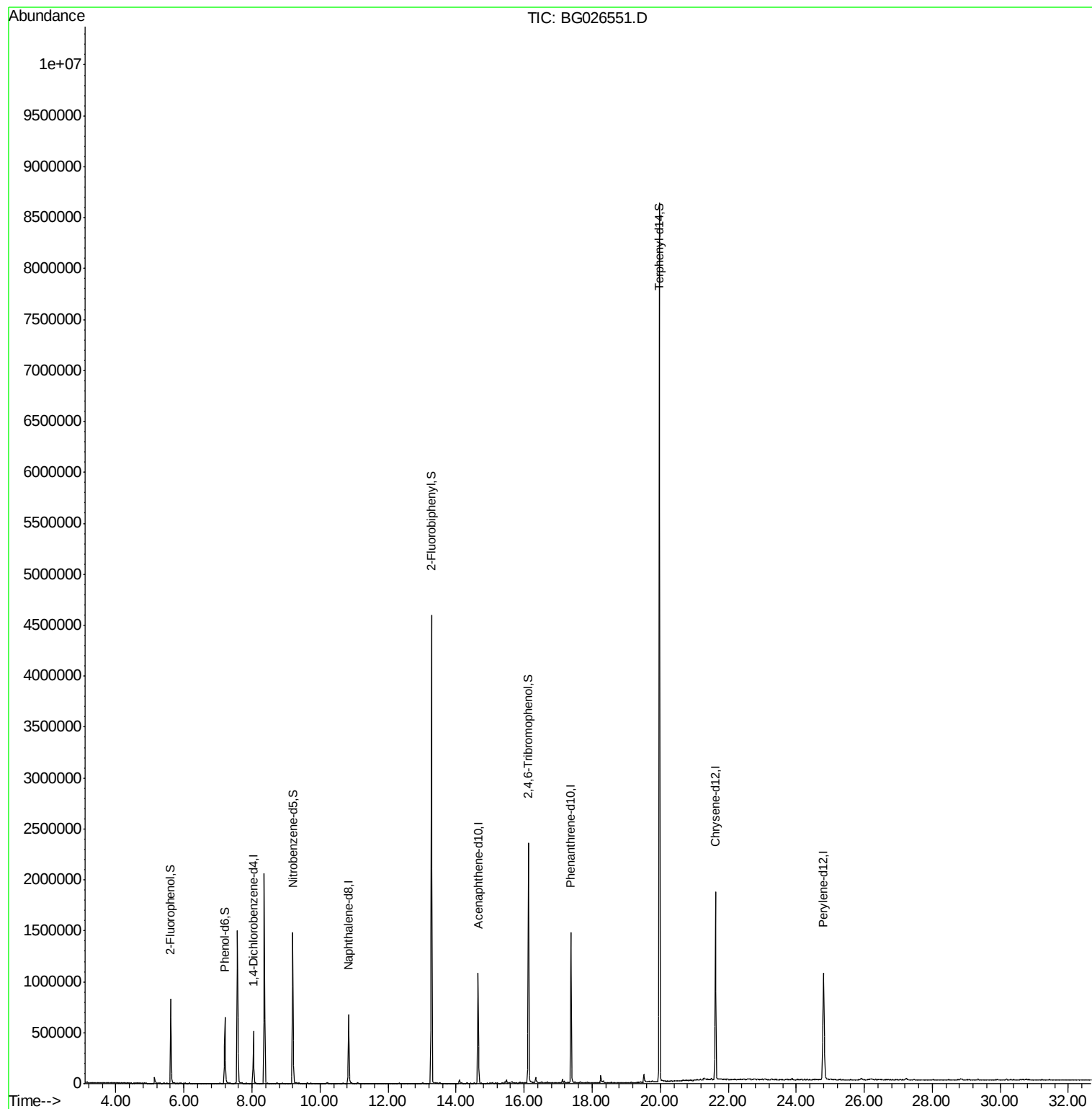
Target Compounds Qvalue

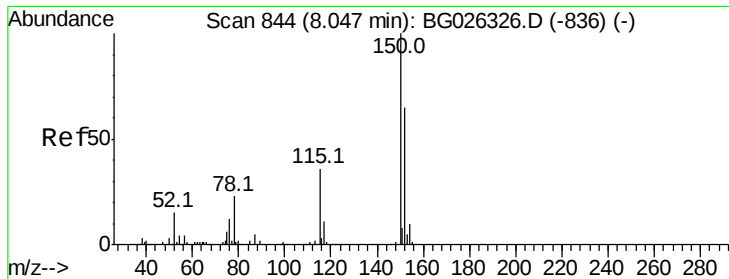
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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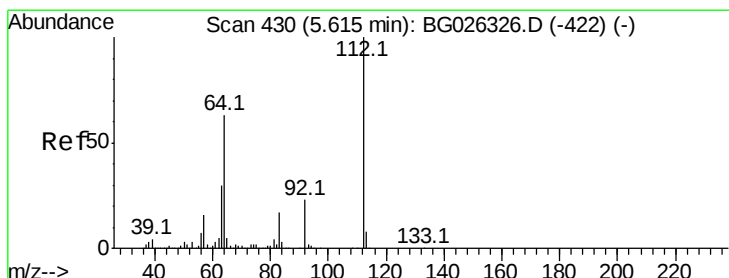
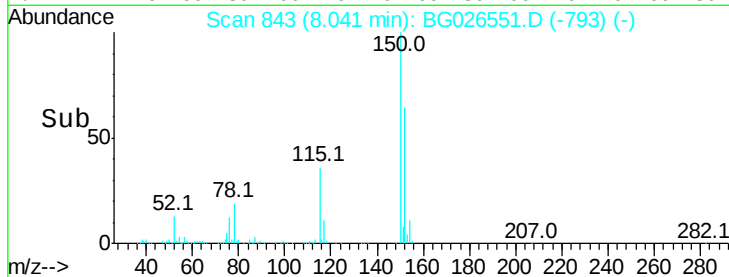
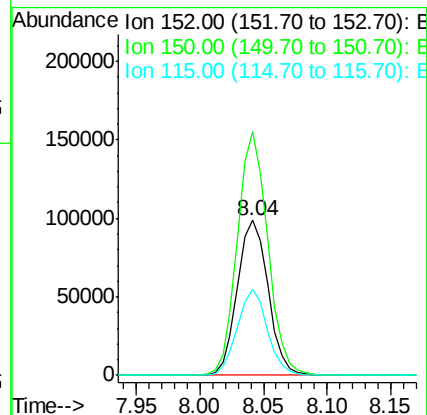
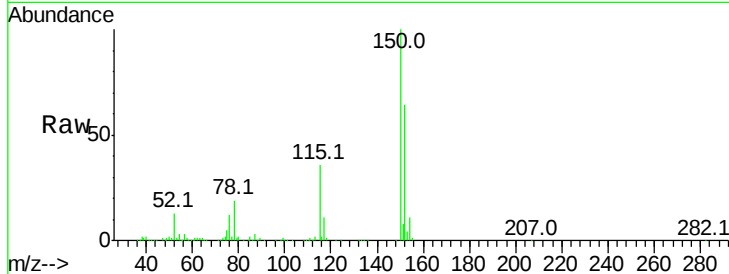


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026551.D
Acq: 4 Apr 2017 19:55

Instrument :
BNA_G
ClientSampleId :
032917-PRRT-F-D-M

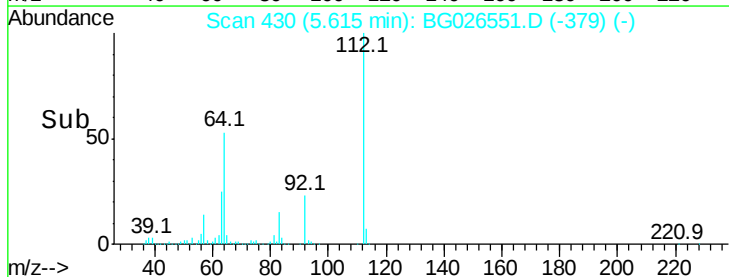
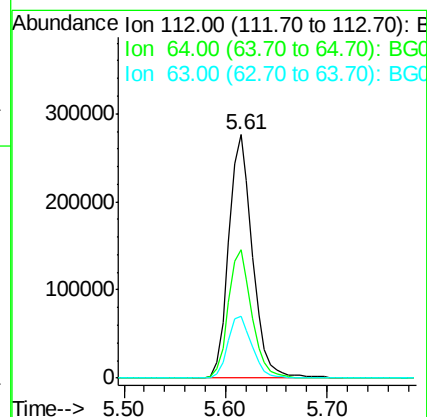
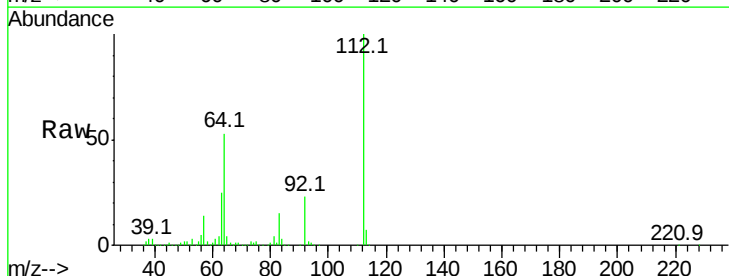
Tot Ion:152 Resp: 166463
Ion Ratio Lower Upper
152 100
150 157.2 114.0 171.0
115 55.9 48.1 72.1



#5

2-Fluorophenol
Concen: 47.83 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026551.D
Acq: 4 Apr 2017 19:55

Tgt Ion:112 Resp: 448618
Ion Ratio Lower Upper
112 100
64 52.6 61.8 92.6#
63 25.2 37.2 55.8#





#7

Phenol-d6

Concen: 38.55 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026551.D

Acq: 4 Apr 2017 19:55

Instrument :

BNA_G

ClientSampleId :

032917-PRRT-F-D-M

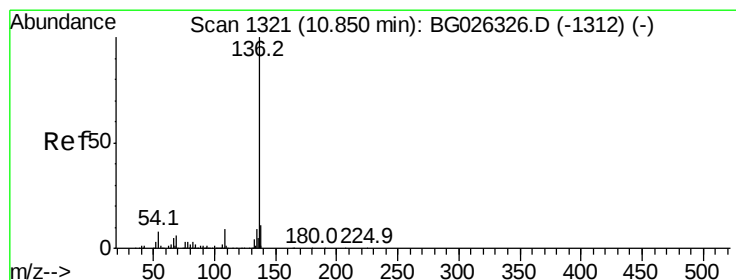
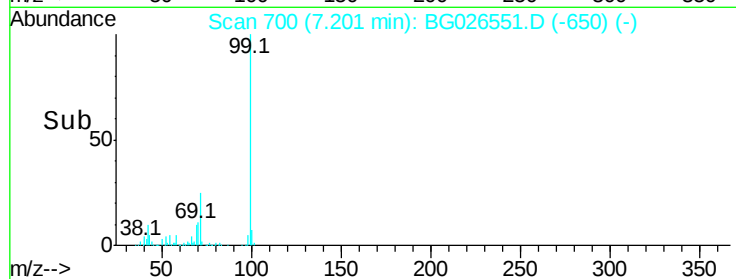
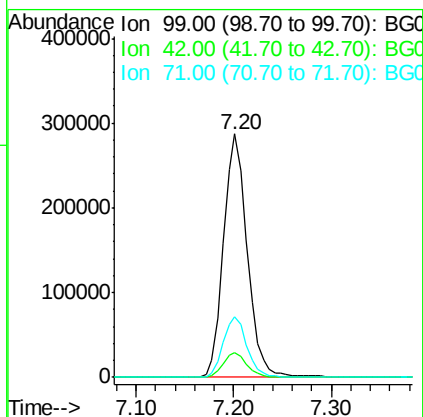
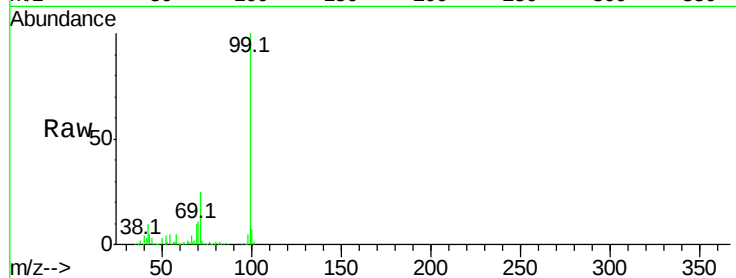
Tot Ion: 99 Resp: 485339

Ion Ratio Lower Upper

99 100

42 10.2 20.5 30.7#

71 25.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026551.D

Acq: 4 Apr 2017 19:55

Tgt Ion: 136 Resp: 670232

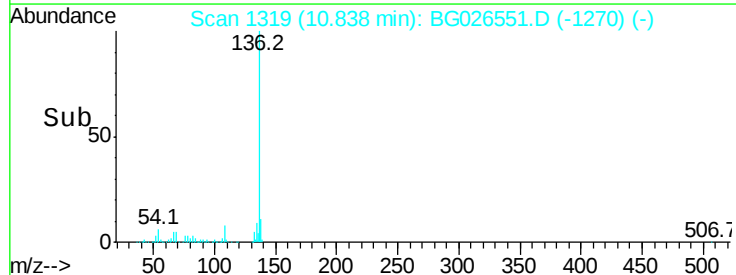
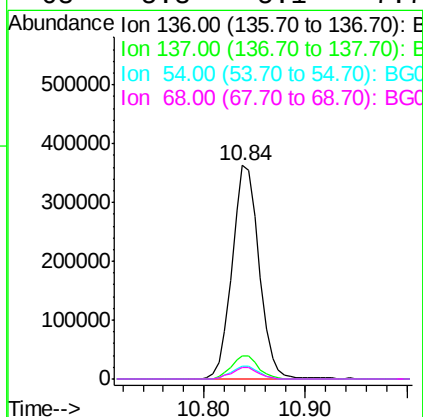
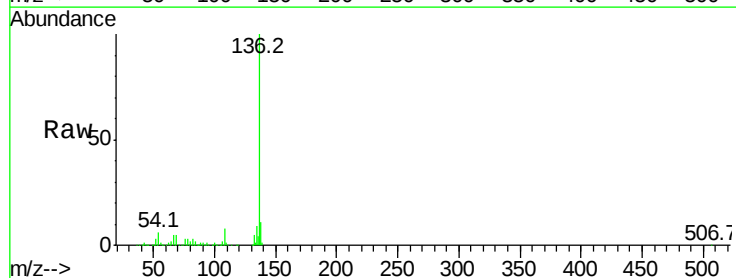
Ion Ratio Lower Upper

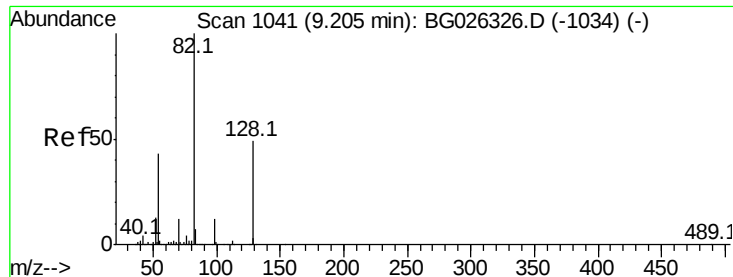
136 100

137 11.0 8.9 13.3

54 6.1 9.3 13.9#

68 5.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 85.53 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG026551.D

Acq: 4 Apr 2017 19:55

Instrument :

BNA_G

ClientSampleId :

032917-PRRT-F-D-M

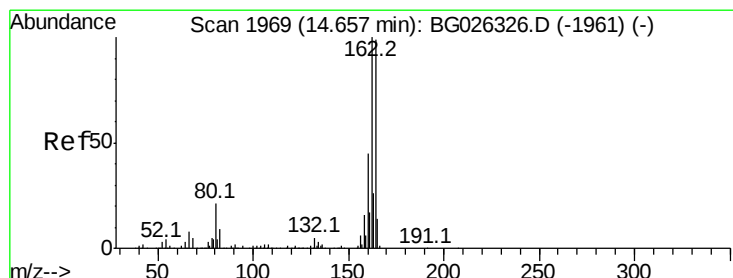
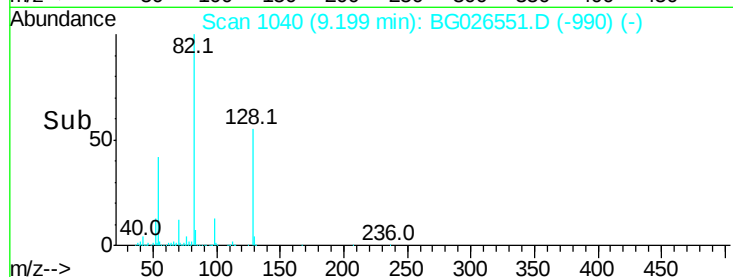
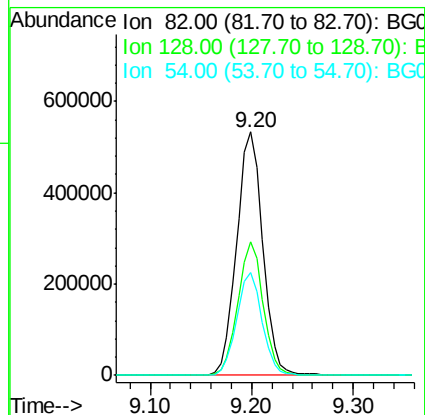
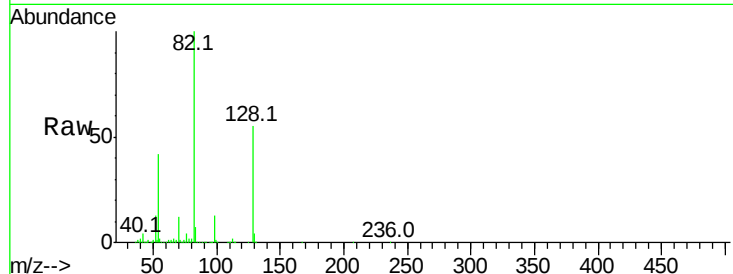
Tot Ion: 82 Resp: 953380

Ion Ratio Lower Upper

82 100

128 55.1 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: BG026551.D

Acq: 4 Apr 2017 19:55

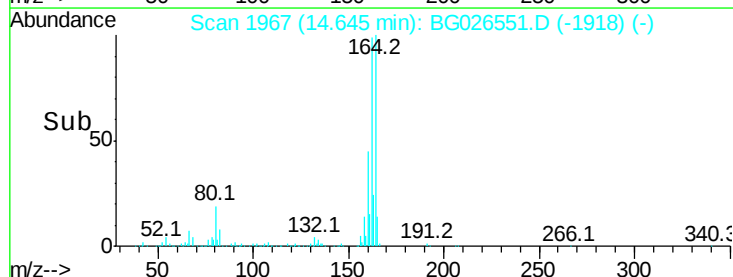
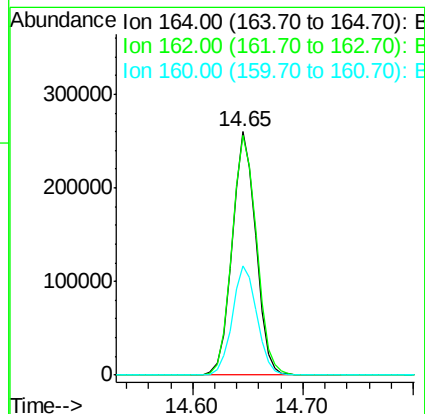
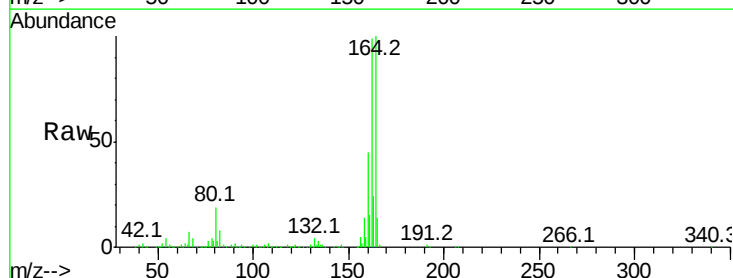
Tgt Ion: 164 Resp: 391510

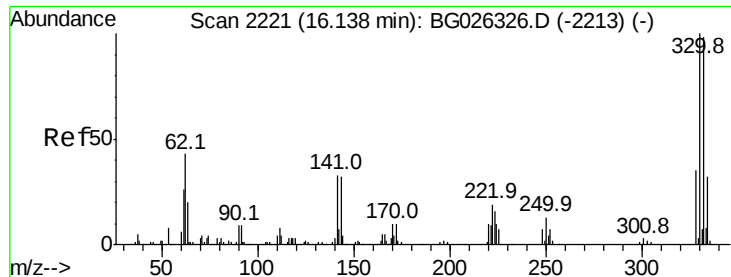
Ion Ratio Lower Upper

164 100

162 98.7 85.1 127.7

160 44.8 34.7 52.1

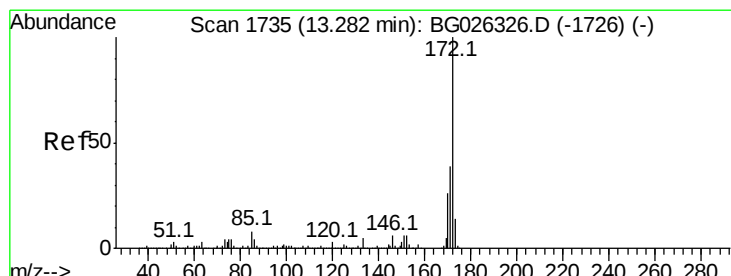
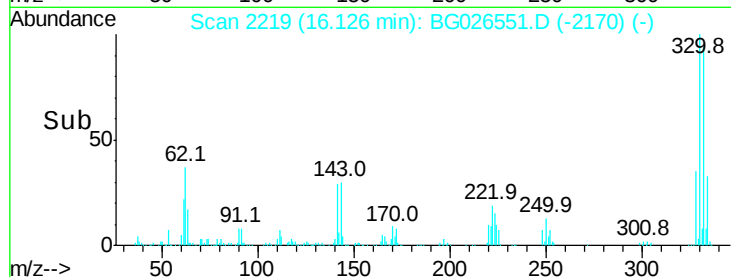
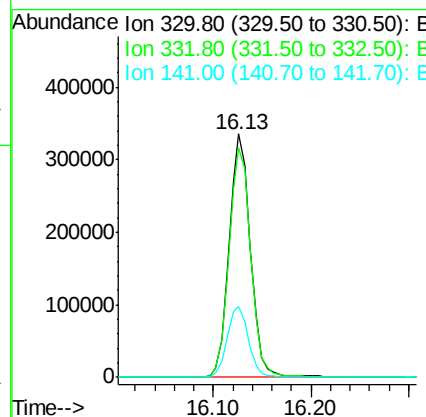
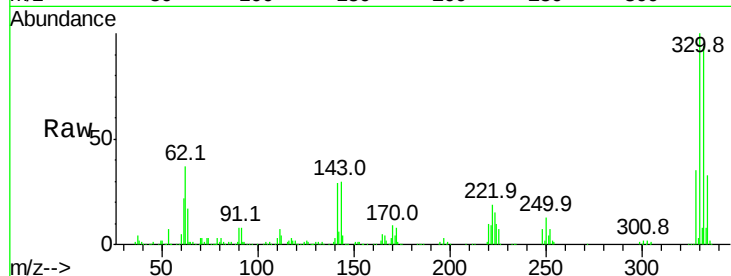




#41
 2,4,6-Tribromophenol
 Concen: 112.87 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026551.D
 Acq: 4 Apr 2017 19:55

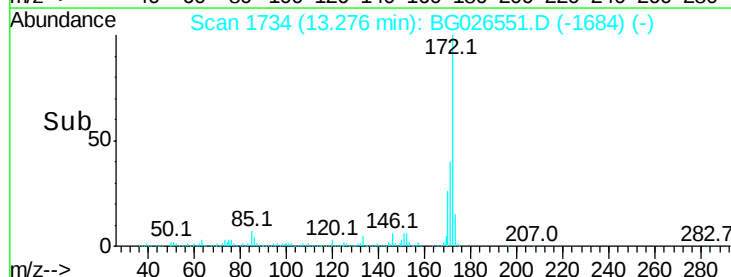
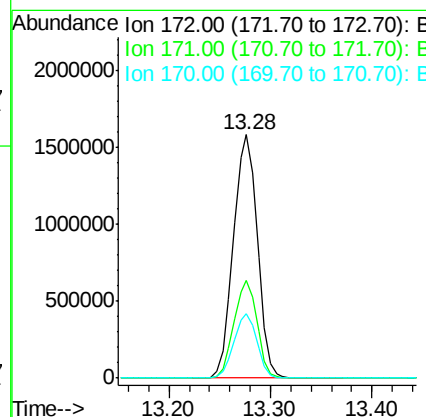
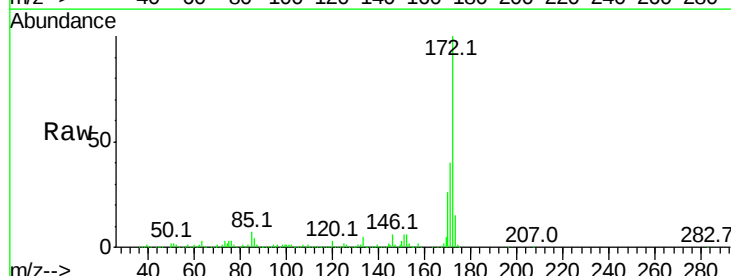
Instrument :
 BNA_G
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 032917-PRRT-F-D-M

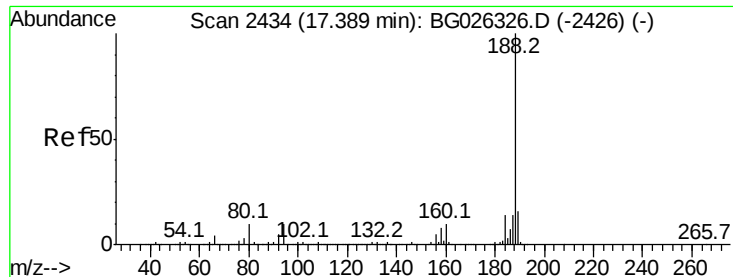
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	29.5	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 92.96 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026551.D
 Acq: 4 Apr 2017 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.2	48.2
170	26.4	21.8	32.6

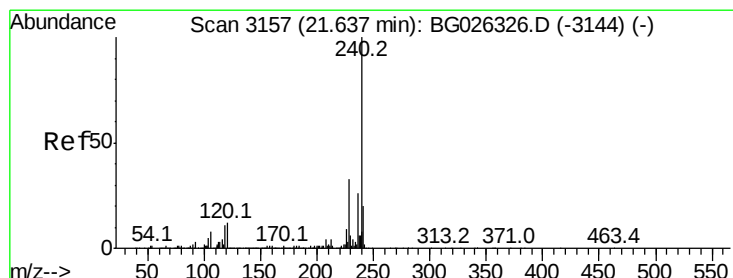
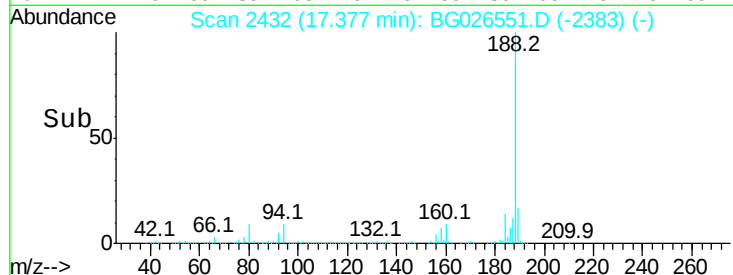
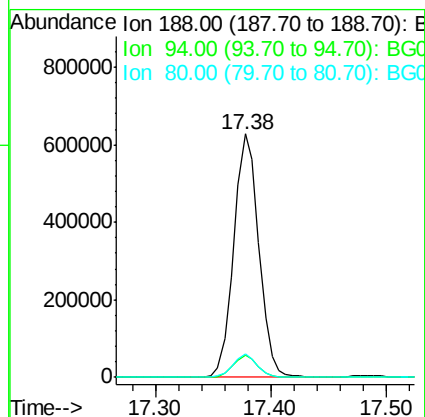
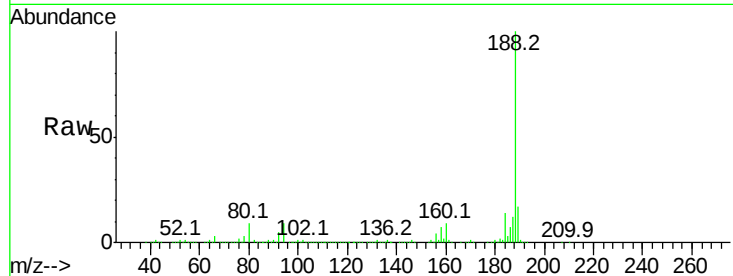




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026551.D
Acq: 4 Apr 2017 19:55

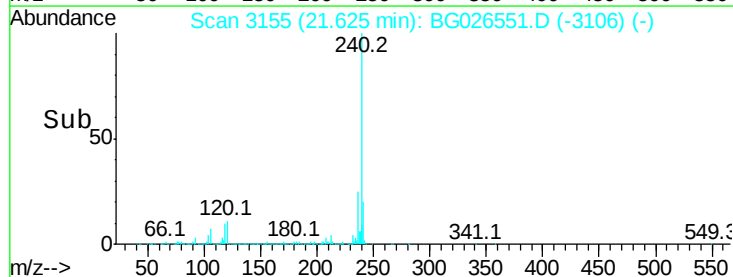
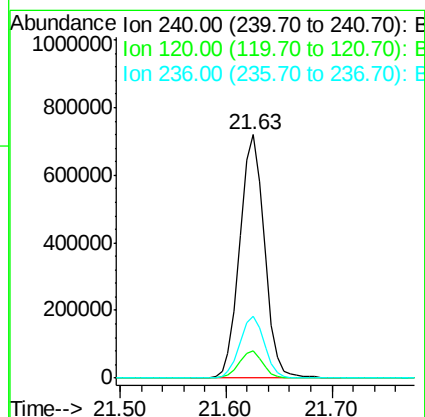
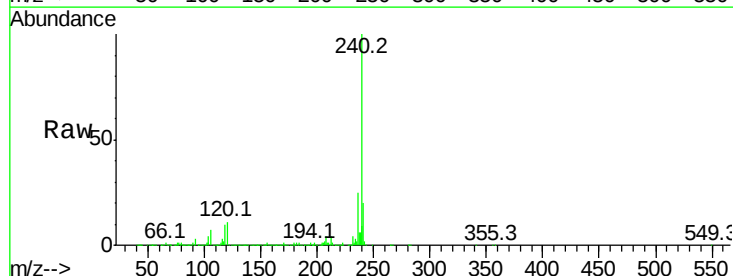
Instrument :
BNA_G
ClientSampleId :
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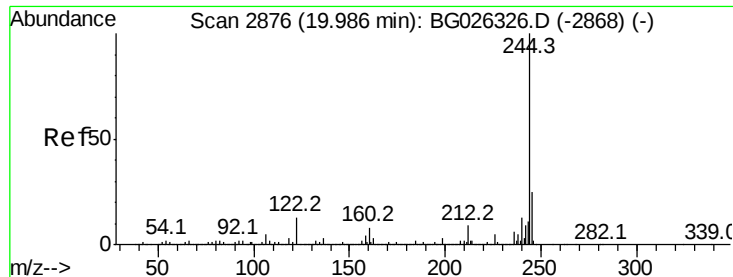
Tot Ion:188 Resp: 943778
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.8#
80 9.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026551.D
Acq: 4 Apr 2017 19:55

Tgt Ion:240 Resp: 1161660
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 25.2 22.2 33.4





#78

Terphenyl-d14

Concen: 76.44 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026551.D

Acq: 4 Apr 2017 19:55

Instrument :

BNA_G

ClientSampleId :

032917-PRRT-F-D-M

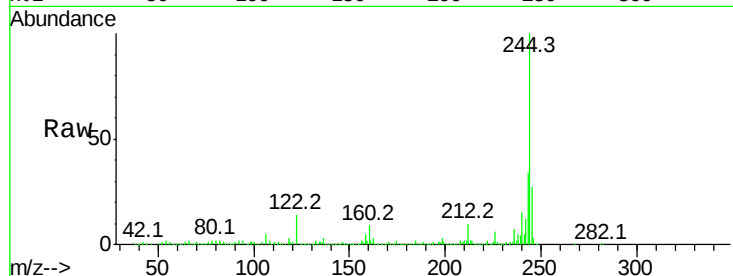
Tot Ion:244 Resp: 3656200

Ion Ratio Lower Upper

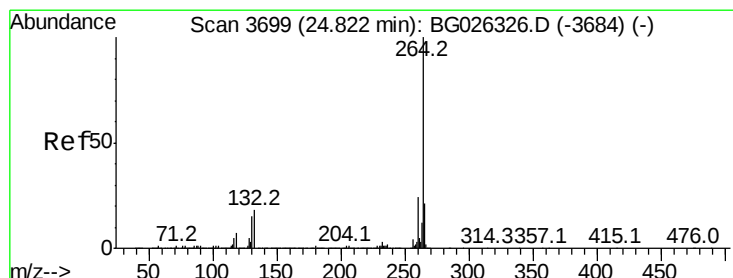
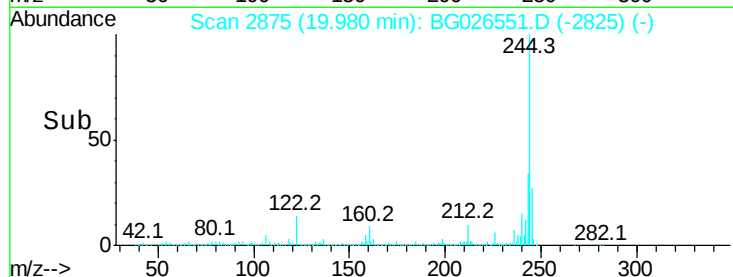
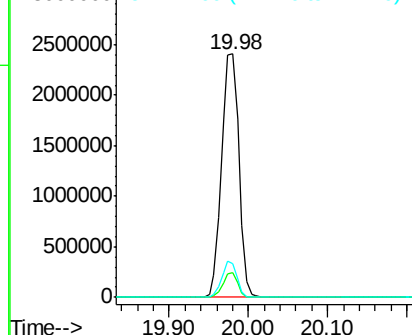
244 100

212 10.0 10.0 15.0#

122 14.1 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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026551.D

Acq: 4 Apr 2017 19:55

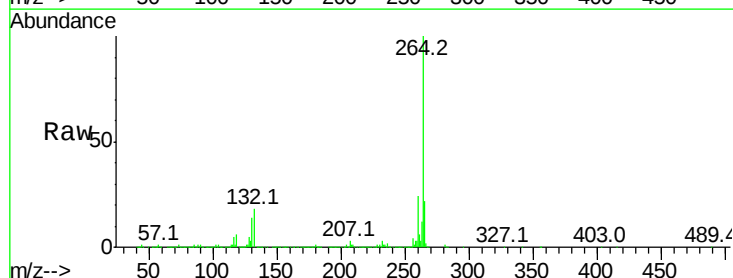
Tgt Ion:264 Resp: 1125334

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 22.0 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

