

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025435.D
 Acq On : 9 Jan 2017 18:16
 Operator : UM/SJ
 Sample : PB95829BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95829BL

Quant Time: Jan 10 00:15:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	49023	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	201479	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	152978	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	345208	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	578277	20.00	ng	-0.02
86) Perylene-d12	25.27	264	624283	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	348264	129.13	ng	-0.01
7) Phenol-d6	7.36	99	465208	122.48	ng	-0.02
23) Nitrobenzene-d5	9.38	82	340721	74.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	269015	109.23	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	769202	81.41	ng	-0.01
78) Terphenyl-d14	20.15	244	1601863	73.45	ng	-0.01

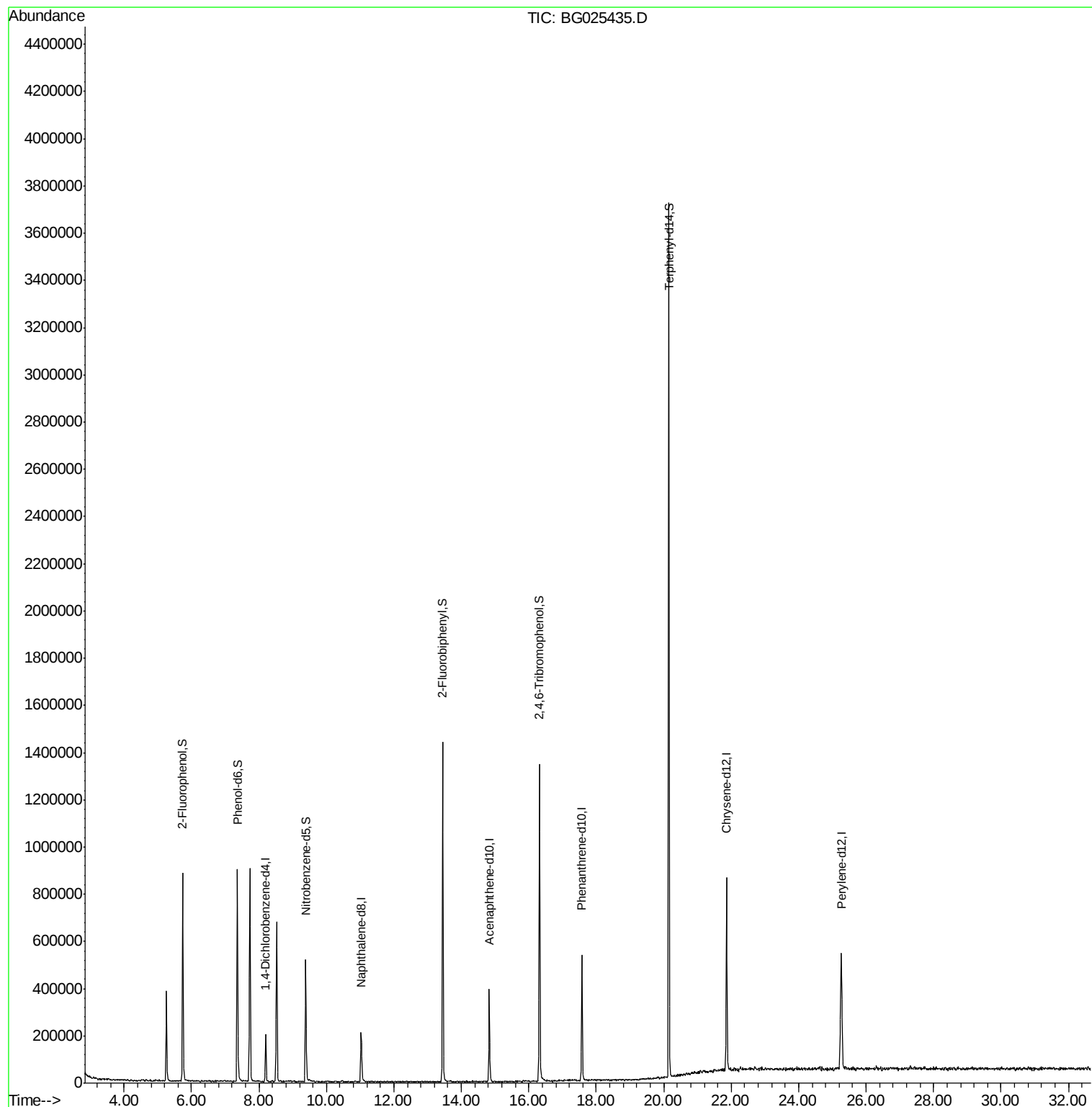
Target Compounds Qvalue

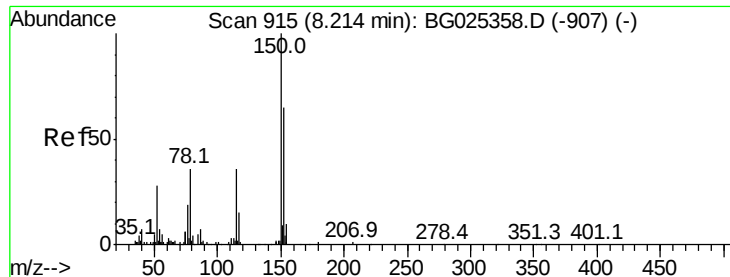
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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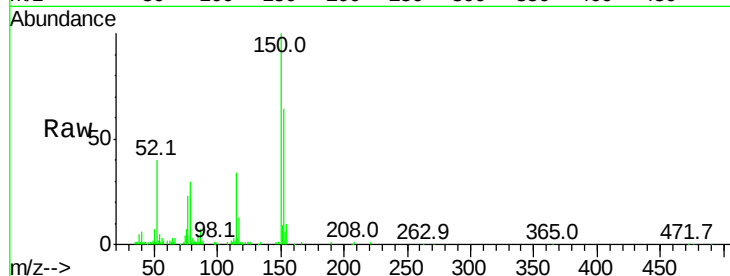


#1

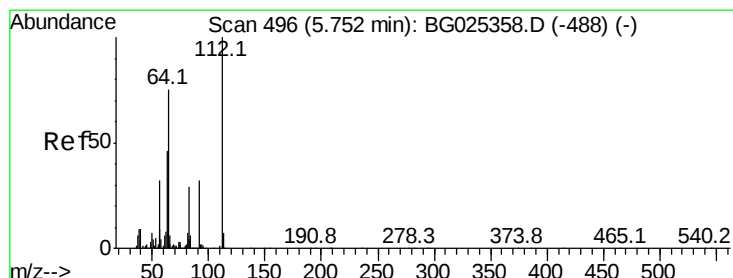
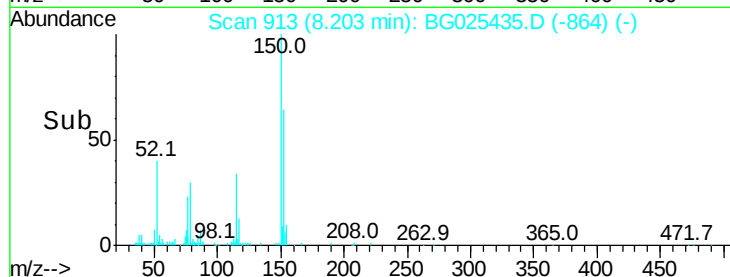
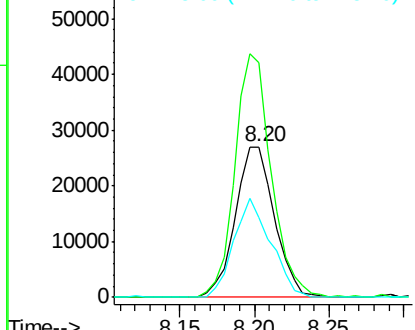
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG025435.D
Acq: 9 Jan 2017 18:16

Instrument :
BNA_G
ClientSampleId :
PB95829BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	114.0	171.0
115	53.1	48.1	72.1



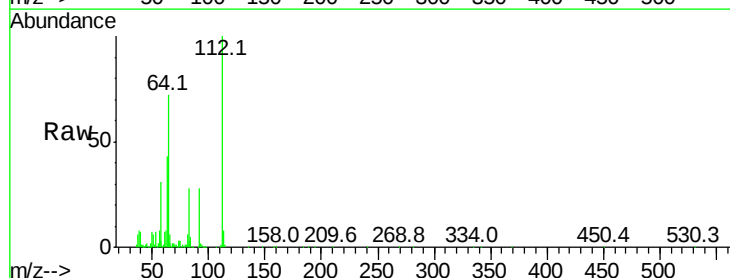
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



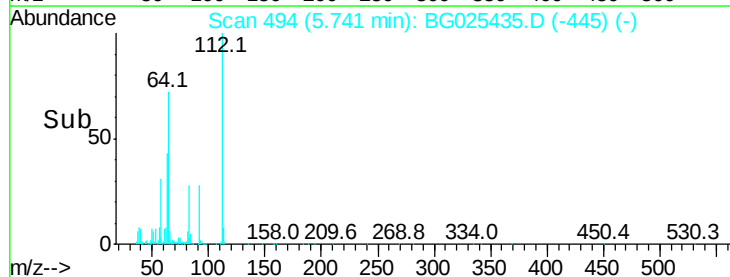
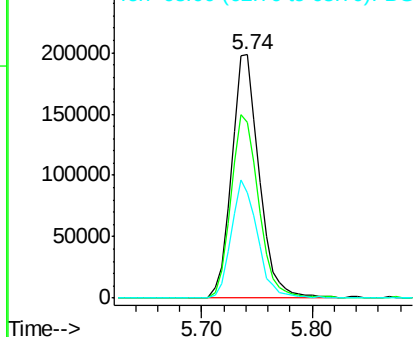
#5

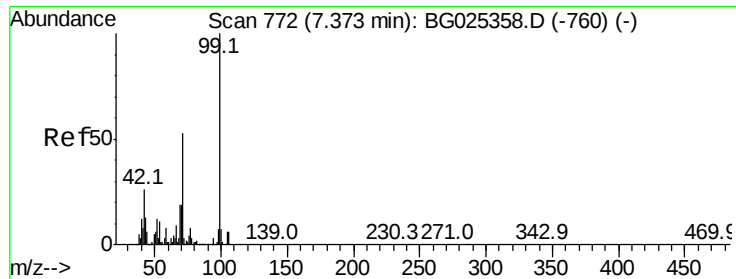
2-Fluorophenol
Concen: 129.13 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025435.D
Acq: 9 Jan 2017 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	61.8	92.6
63	43.4	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: 122.48 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025435.D

Acq: 9 Jan 2017 18:16

Instrument :

BNA_G

ClientSampleId :

PB95829BL

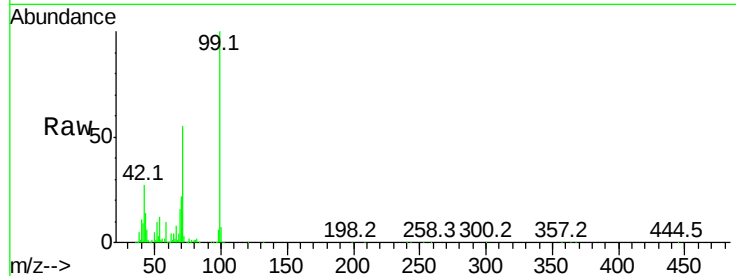
Tot Ion: 99 Resp: 465208

Ion Ratio Lower Upper

99 100

42 26.8 20.5 30.7

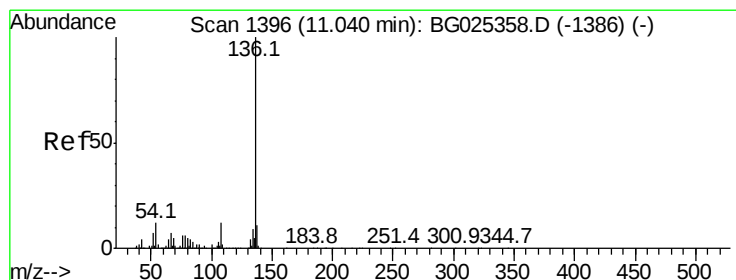
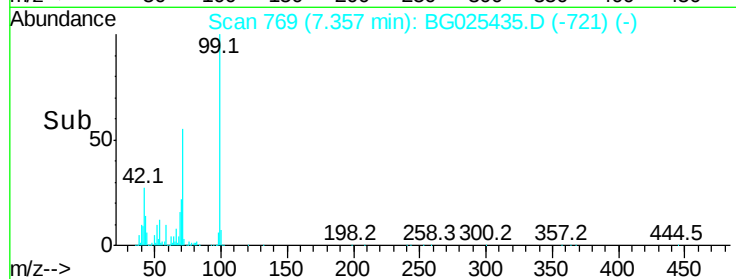
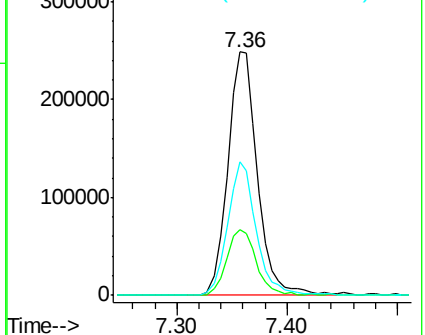
71 54.8 37.6 56.4



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: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG025435.D

Acq: 9 Jan 2017 18:16

Tgt Ion: 136 Resp: 201479

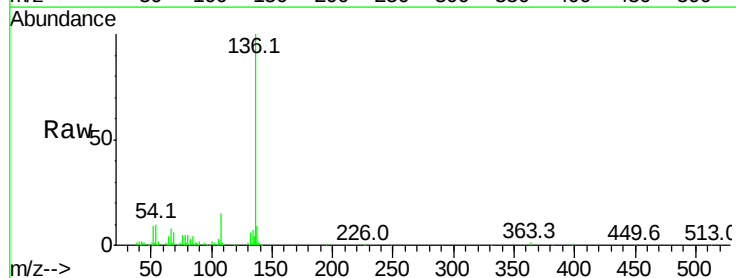
Ion Ratio Lower Upper

136 100

137 8.8 8.9 13.3#

54 9.6 9.3 13.9

68 6.4 5.1 7.7

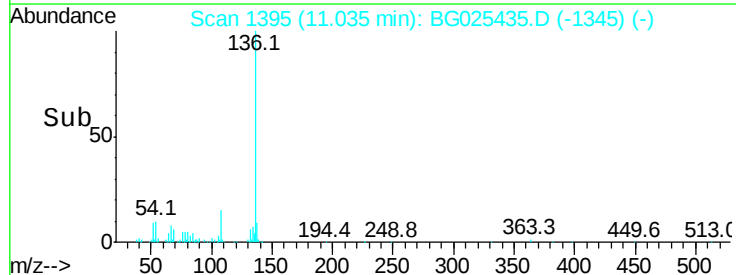
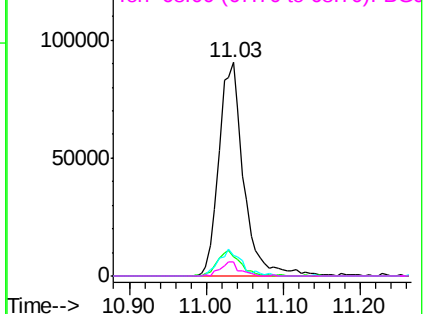


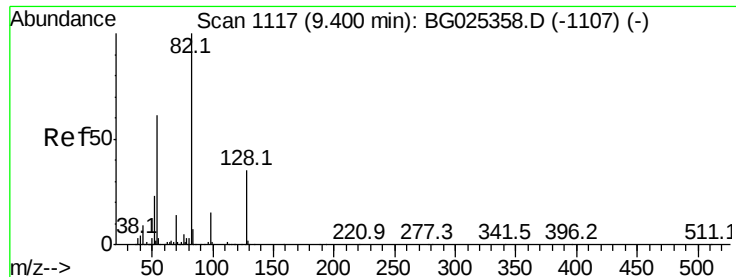
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

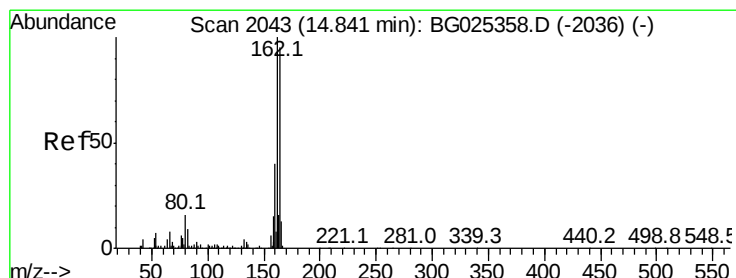
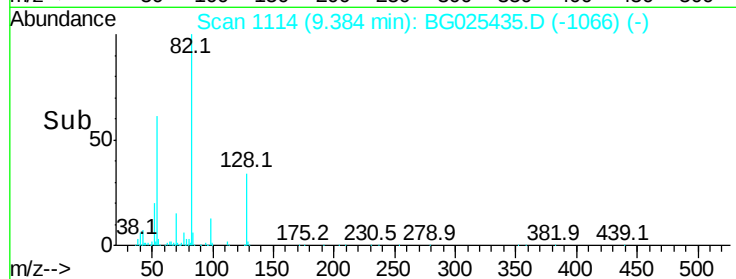
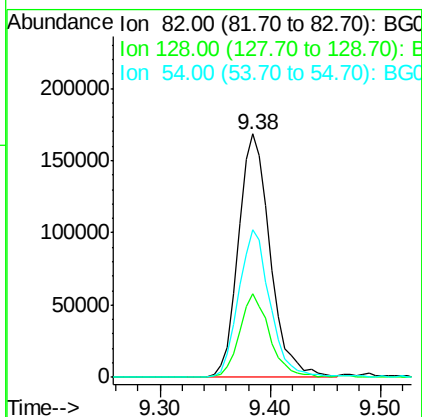
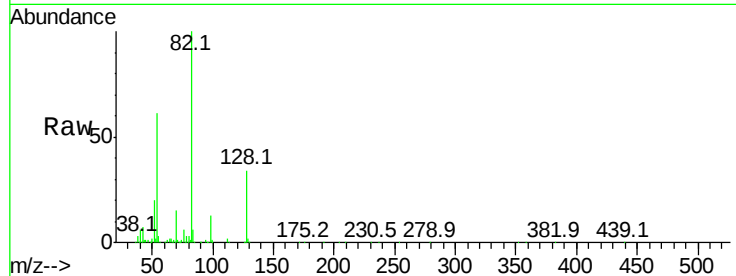




#23
 Nitrobenzene-d5
 Concen: 74.71 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.02 min
 Lab File: BG025435.D
 Acq: 9 Jan 2017 18:16

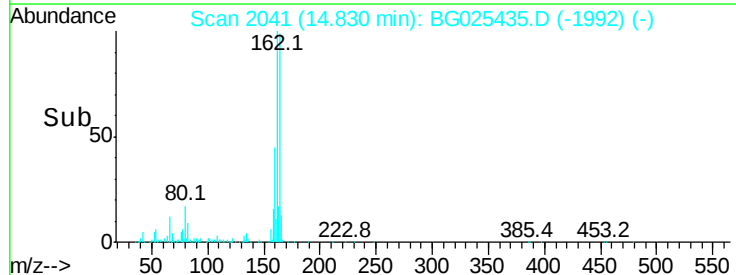
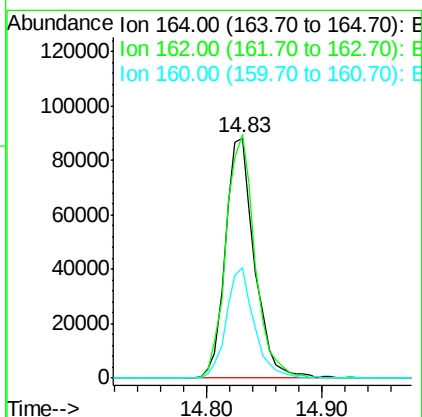
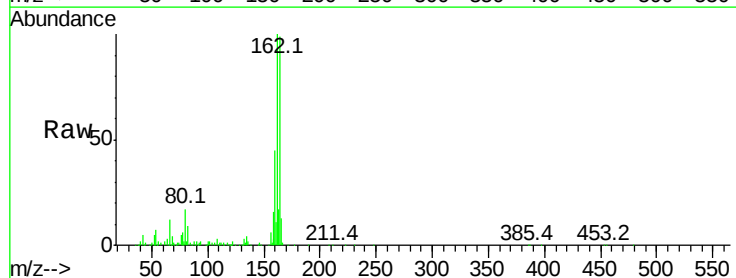
Instrument :
 BNA_G
 ClientSampleID :
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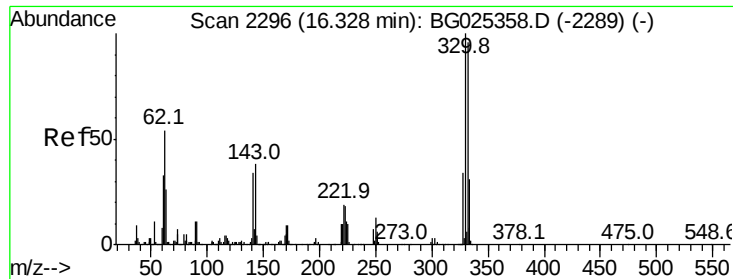
Tot Ion	82	Resp	340721
Ion Ratio	100	Lower	Upper
128	34.1	26.4	39.6
54	60.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG025435.D
 Acq: 9 Jan 2017 18:16

Tgt Ion	164	Resp	152978
Ion Ratio	100	Lower	Upper
162	101.5	85.1	127.7
160	46.1	34.7	52.1

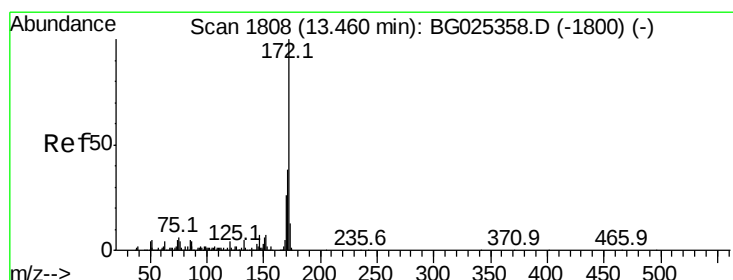
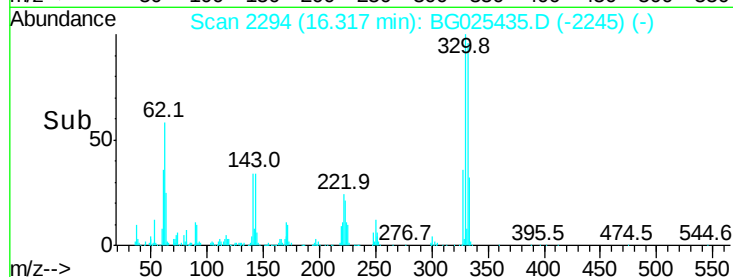
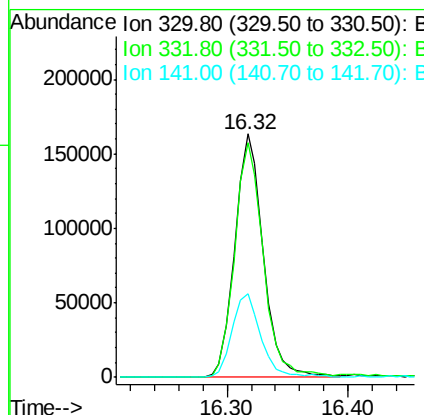
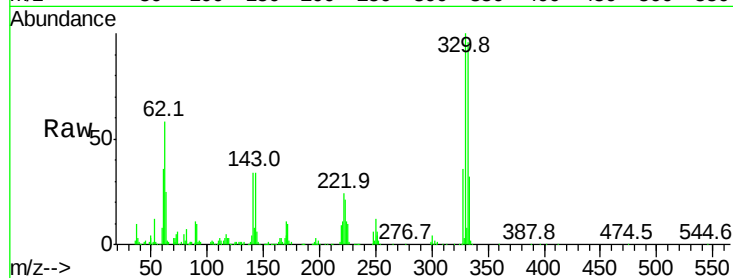




#41
 2,4,6-Tribromophenol
 Concen: 109.23 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025435.D
 Acq: 9 Jan 2017 18:16

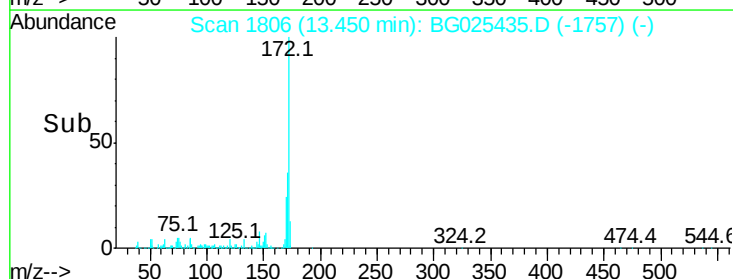
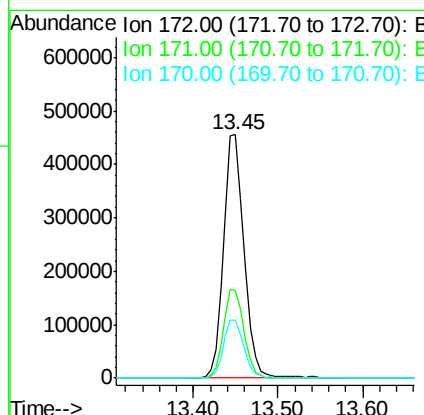
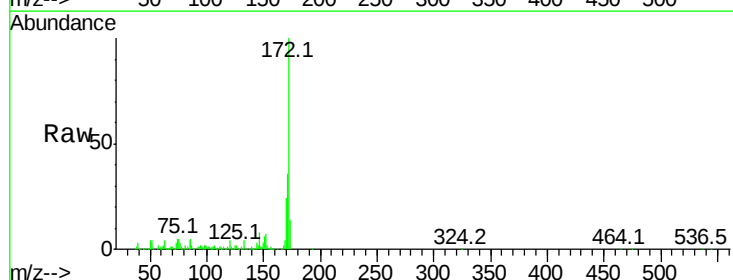
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BL

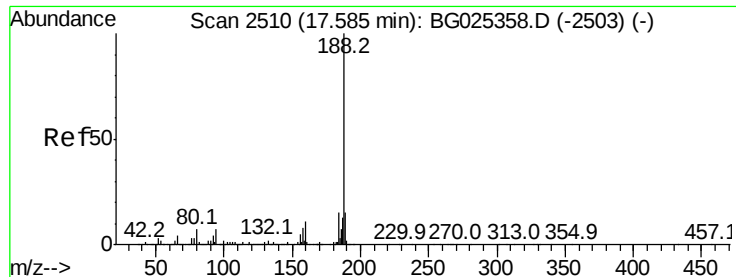
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	35.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 81.41 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025435.D
 Acq: 9 Jan 2017 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	32.2	48.2
170	23.7	21.8	32.6

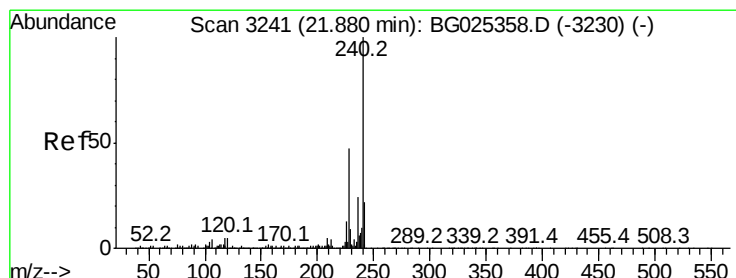
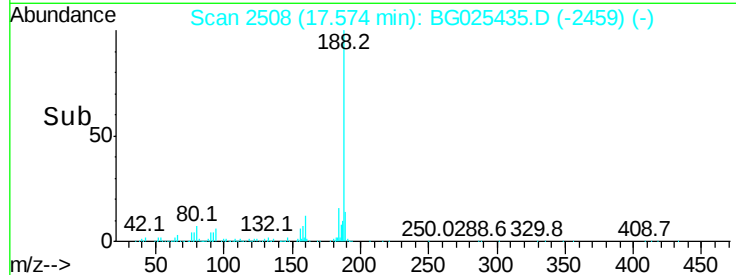
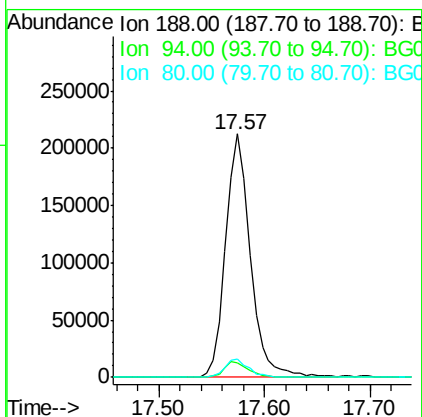
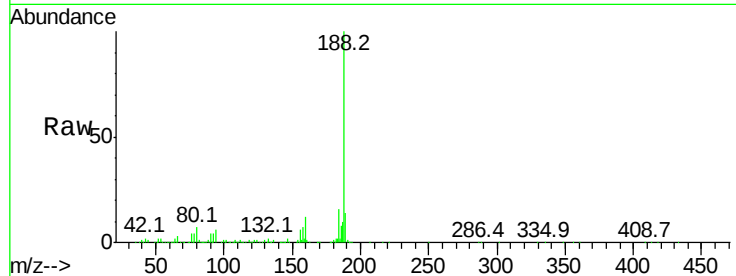




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG025435.D
Acq: 9 Jan 2017 18:16

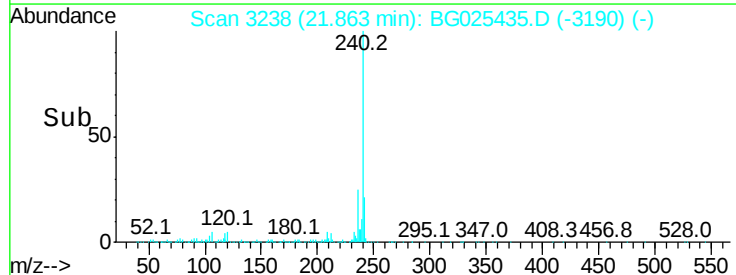
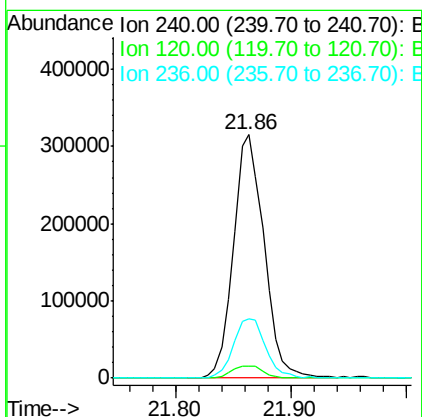
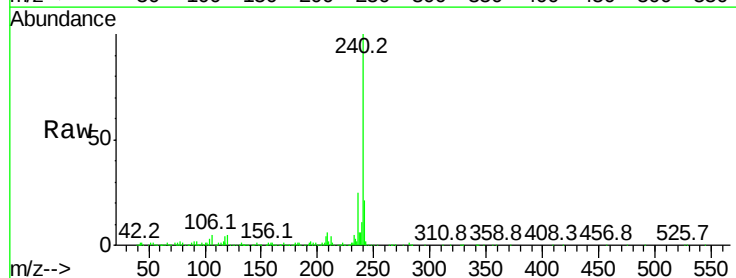
Instrument :
BNA_G
ClientSampleId :
PB95829BL

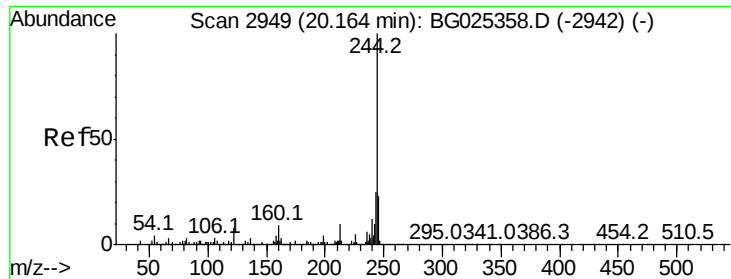
Tot Ion:188 Resp: 345208
Ion Ratio Lower Upper
188 100
94 5.7 5.8 8.8#
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.02 min
Lab File: BG025435.D
Acq: 9 Jan 2017 18:16

Tgt Ion:240 Resp: 578277
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 24.6 22.2 33.4





#78

Terphenyl-d14

Concen: 73.45 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025435.D

Acq: 9 Jan 2017 18:16

Instrument :

BNA_G

ClientSampleId :

PB95829BL

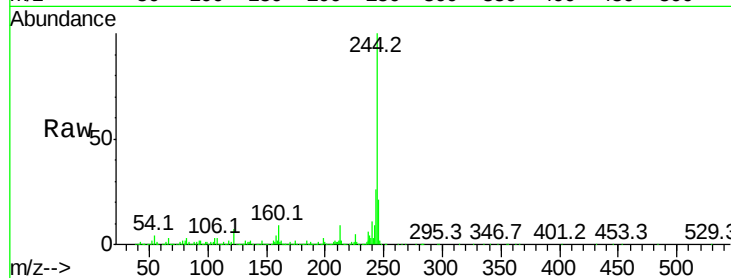
Tot Ion:244 Resp: 1601863

Ion Ratio Lower Upper

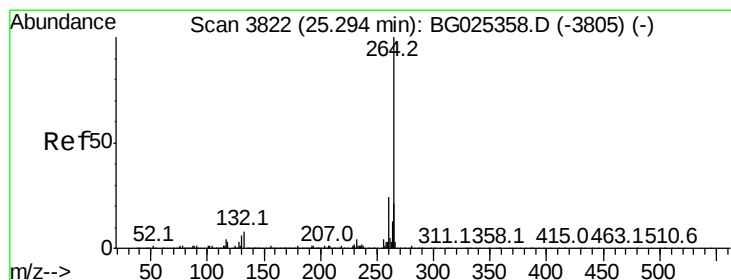
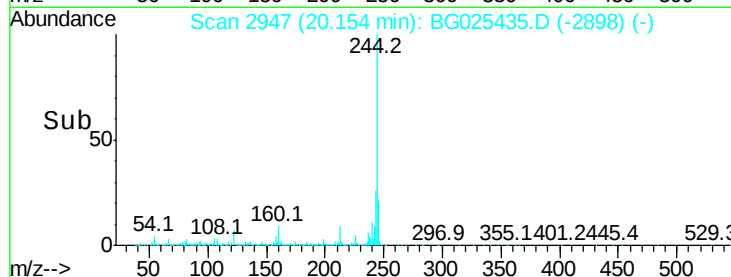
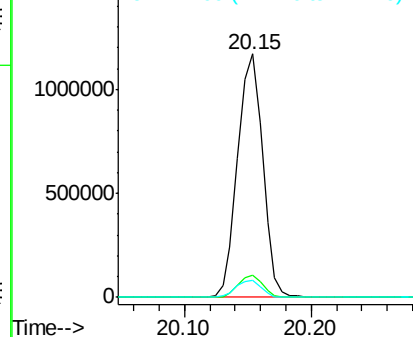
244 100

212 9.4 10.0 15.0#

122 7.0 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: 25.27 min Scan# 3817

Delta R.T. -0.03 min

Lab File: BG025435.D

Acq: 9 Jan 2017 18:16

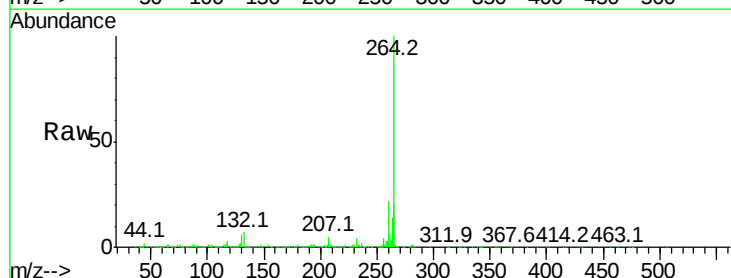
Tgt Ion:264 Resp: 624283

Ion Ratio Lower Upper

264 100

260 21.7 21.8 32.8#

265 20.2 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

