

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031783.D
 Acq On : 27 Dec 2017 5:16
 Operator : SJ/JU
 Sample : I7009-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-B

Quant Time: Dec 27 06:43:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	43150	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	175058	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	127583	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	355713	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	435811	20.00	ng	-0.06
86) Perylene-d12	26.27	264	465176	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	93353	39.40	ng	-0.03
7) Phenol-d6	7.90	99	84651	27.52	ng	-0.03
23) Nitrobenzene-d5	10.00	82	206502	89.08	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	187744	96.44	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	832327	81.88	ng	-0.03
78) Terphenyl-d14	20.70	244	1573188	82.47	ng	-0.04

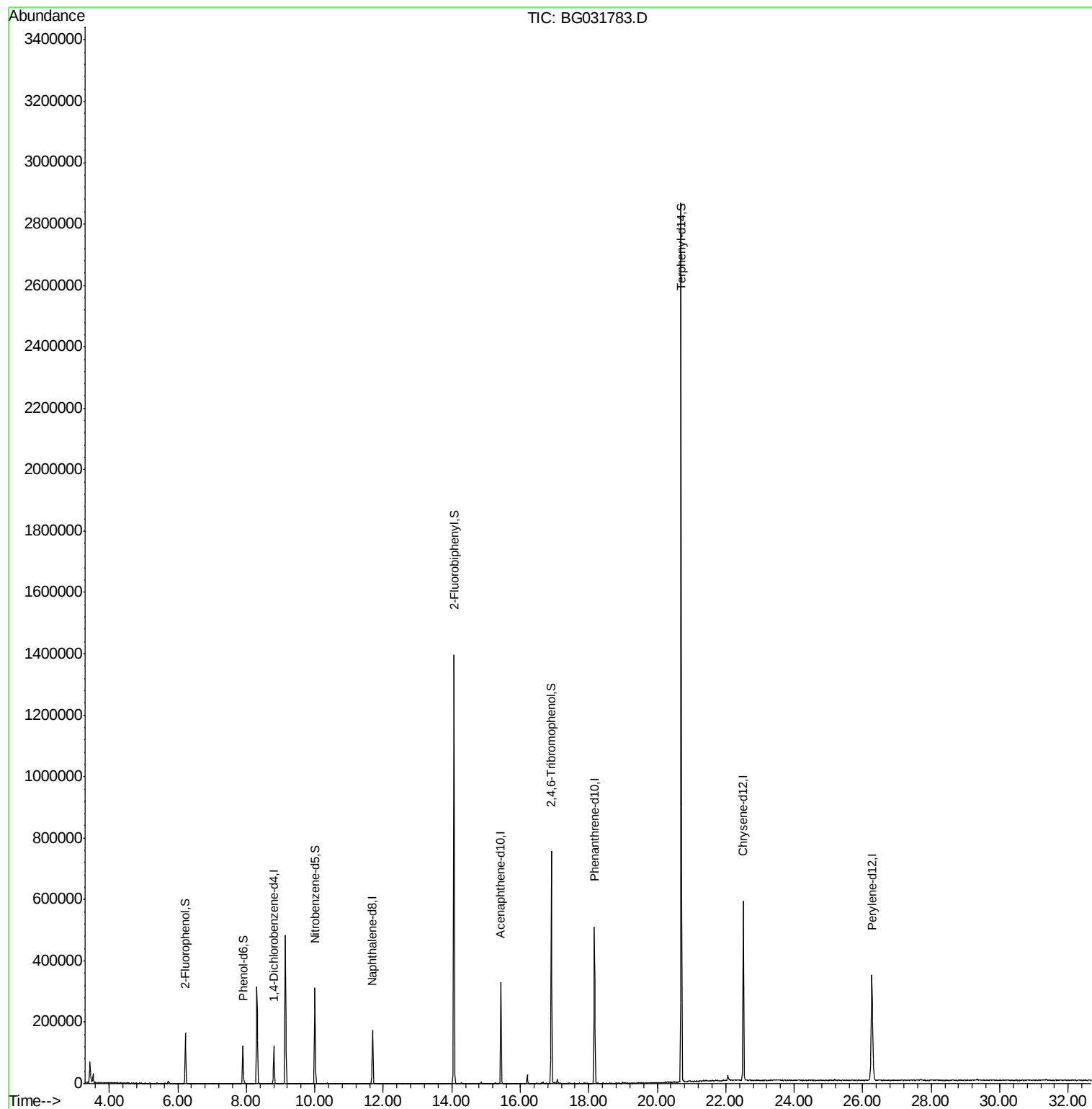
Target Compounds Qvalue

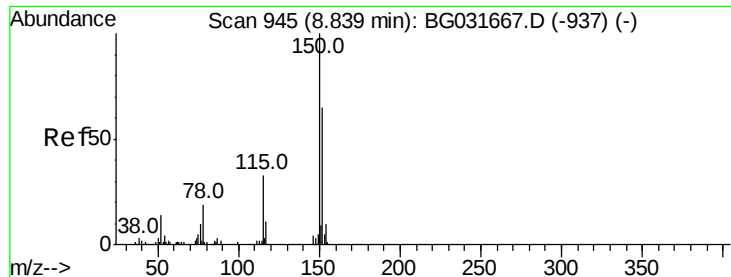
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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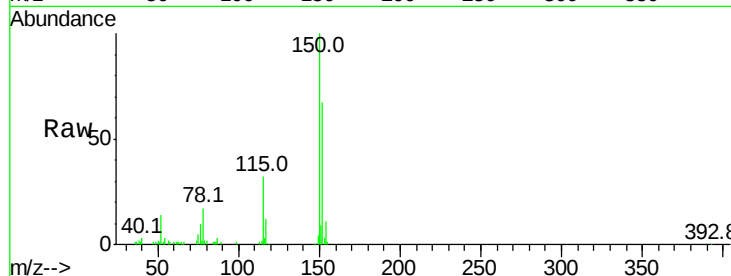


#1

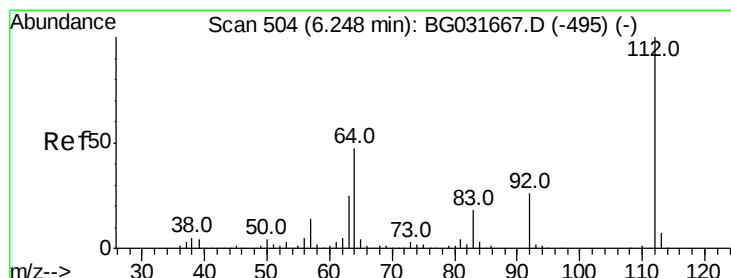
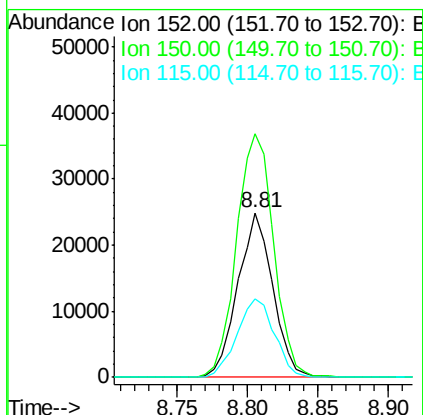
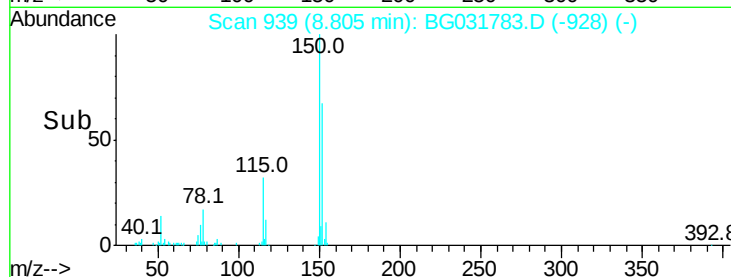
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031783.D
Acq: 27 Dec 2017 5:16

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-B

Tot Ion:152 Resp: 43150
Ion Ratio Lower Upper
152 100
150 148.2 126.6 189.8
115 47.8 53.0 79.4#



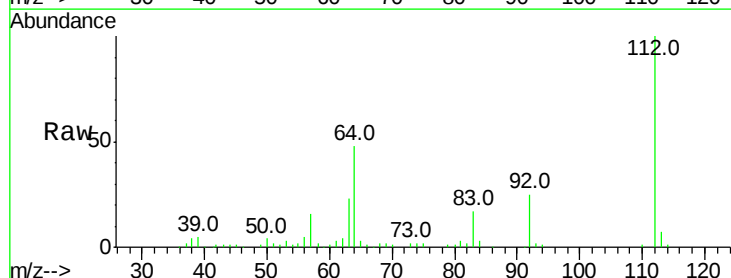
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



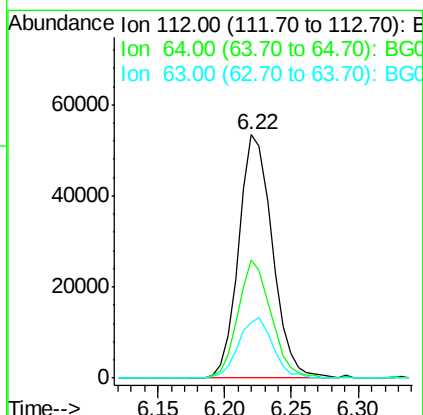
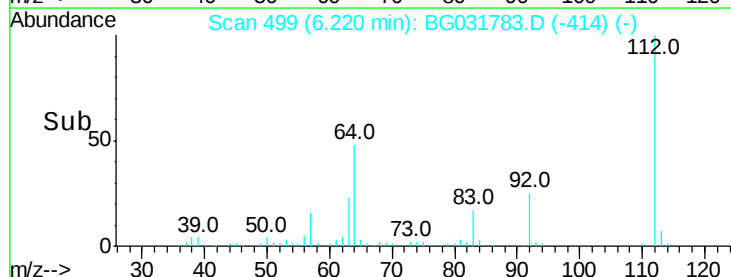
#5

2-Fluorophenol
Concen: 39.405 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031783.D
Acq: 27 Dec 2017 5:16

Tgt Ion:112 Resp: 93353
Ion Ratio Lower Upper
112 100
64 48.4 56.3 84.5#
63 23.0 30.1 45.1#



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: 27.521 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-B

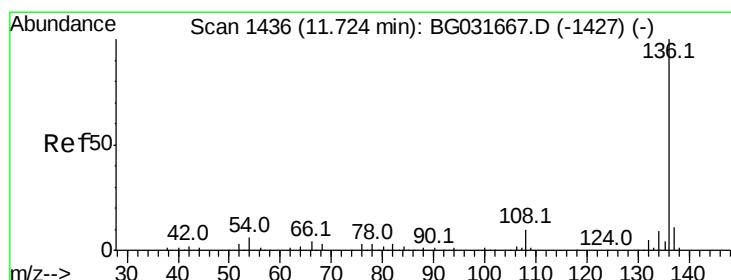
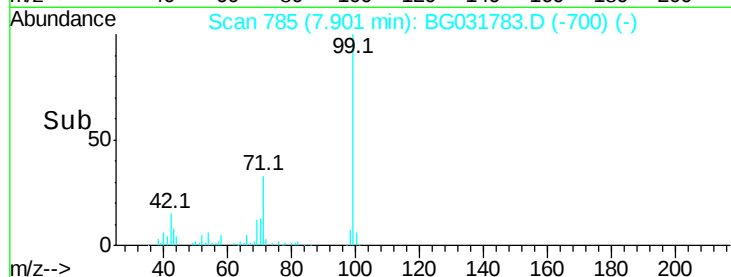
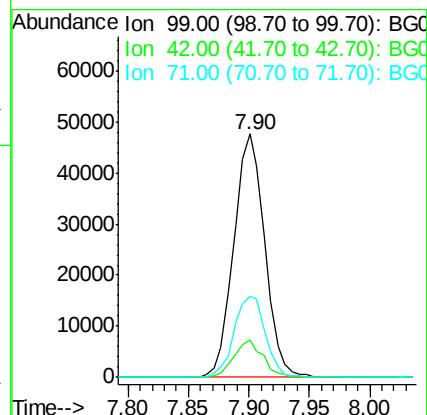
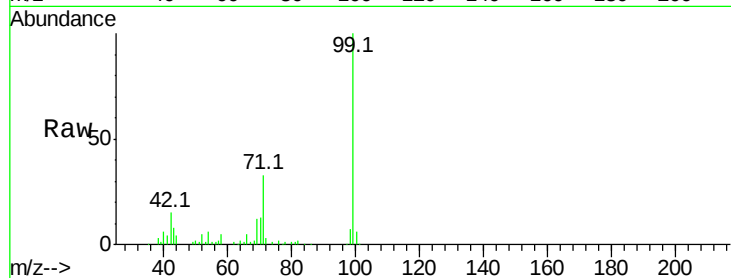
Tot Ion: 99 Resp: 84651

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 33.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

Tgt Ion: 136 Resp: 175058

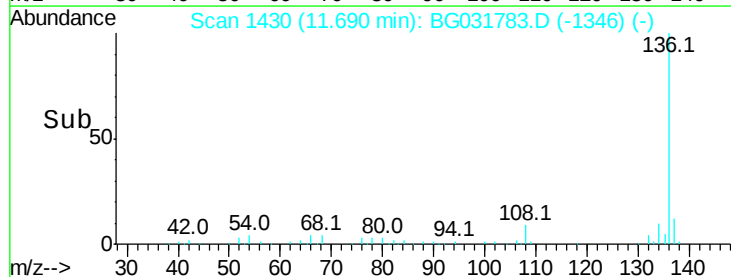
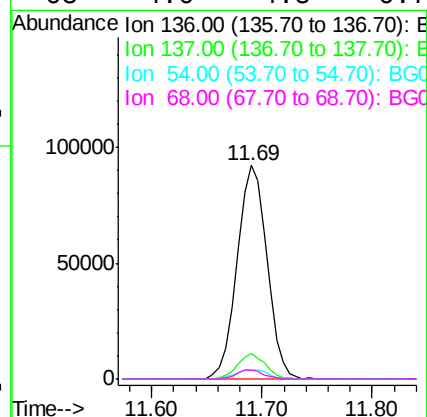
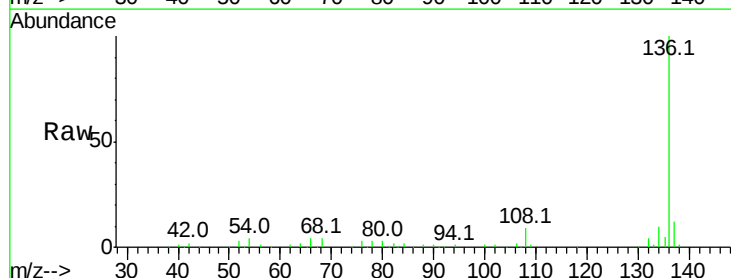
Ion Ratio Lower Upper

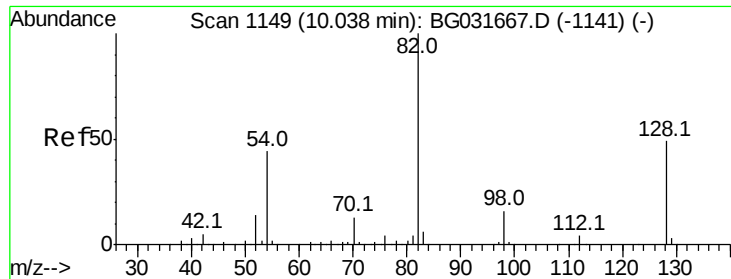
136 100

137 11.7 9.2 13.8

54 4.4 10.3 15.5#

68 4.0 4.5 6.7#

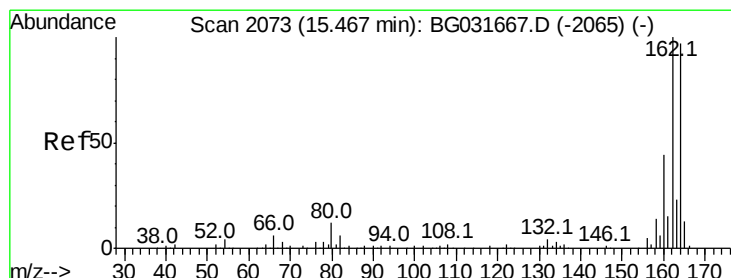
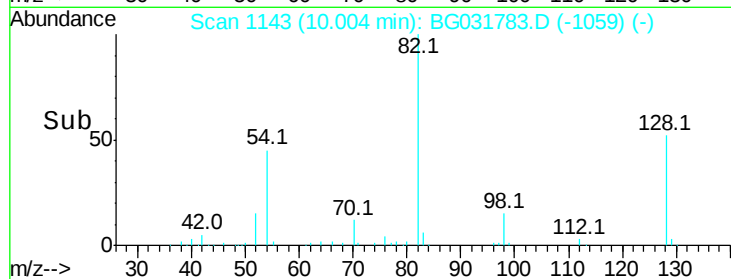
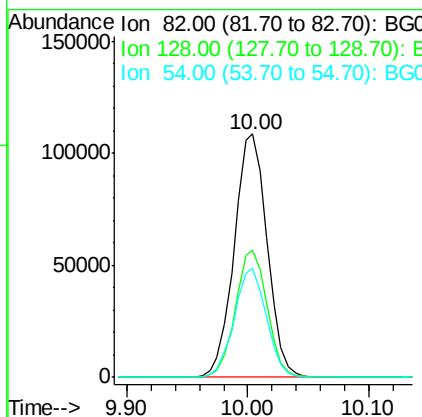
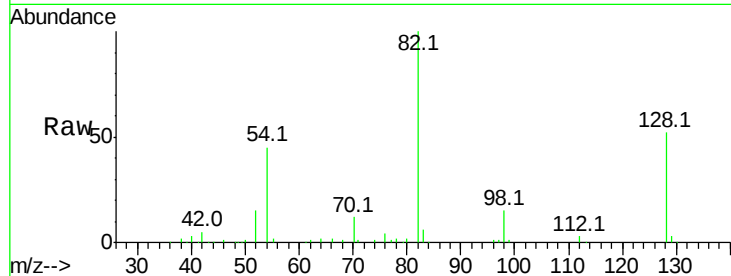




#23
 Nitrobenzene-d5
 Concen: 89.076 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

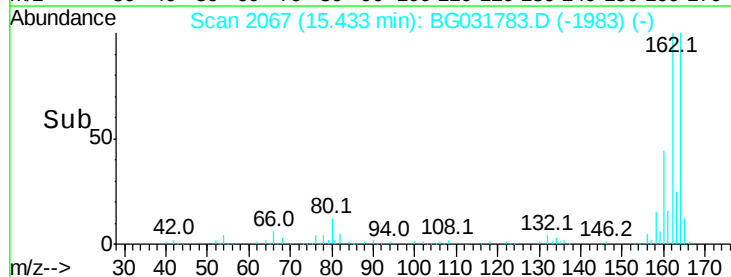
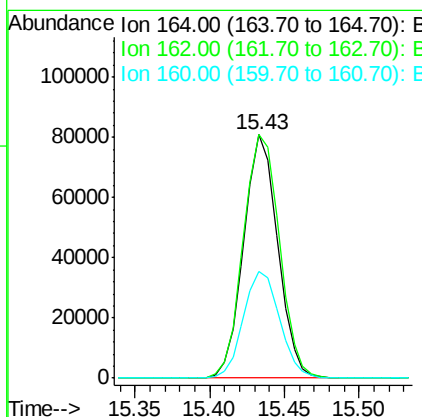
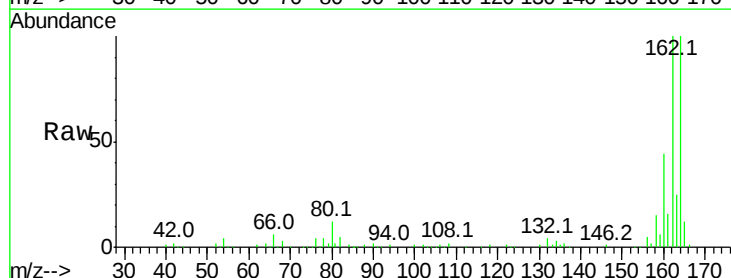
Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-B

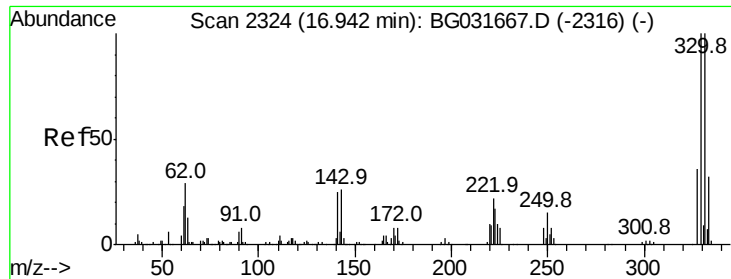
Tot Ion	82	Resp	206502
Ion Ratio	Lower	Upper	
82	100		
128	52.2	29.7	44.5#
54	44.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.03 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

Tgt Ion	164	Resp	127583
Ion Ratio	Lower	Upper	
164	100		
162	100.0	78.8	118.2
160	43.6	35.4	53.0

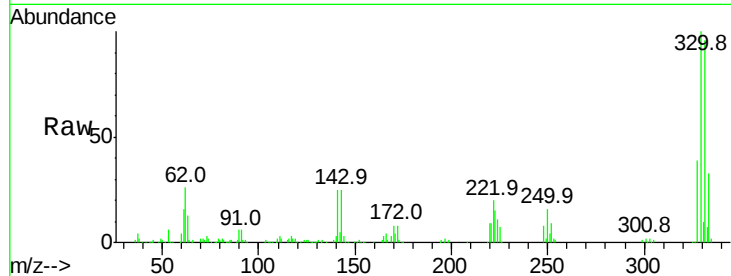




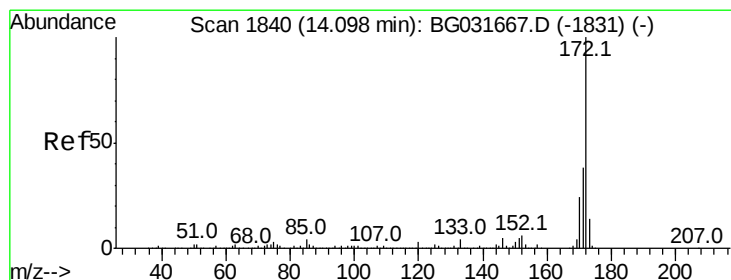
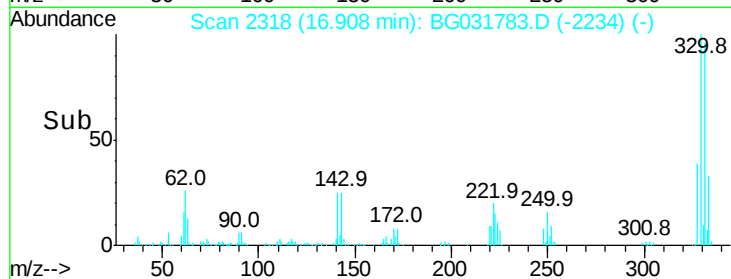
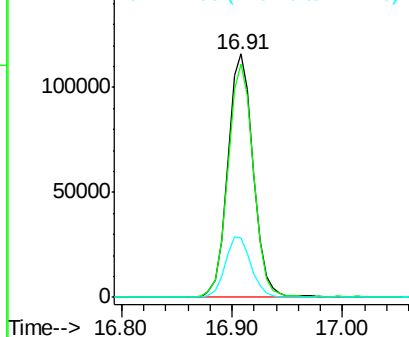
#41
 2,4,6-Tribromophenol
 Concen: 96.440 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	25.1	25.2	37.8#

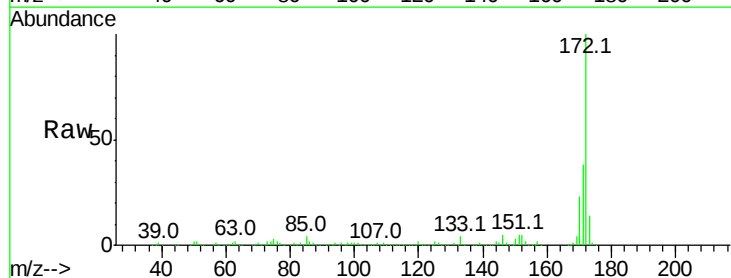


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

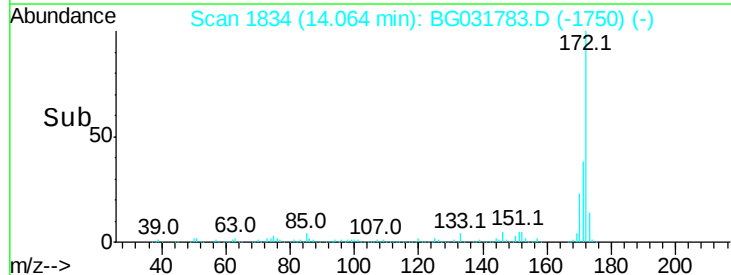
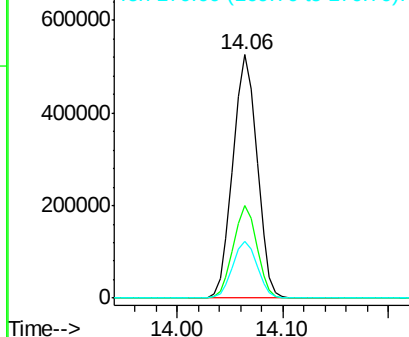


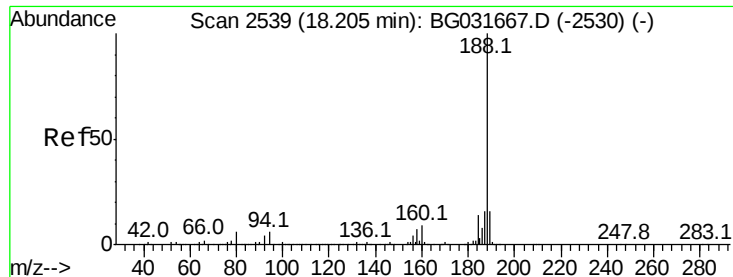
#44
 2-Fluorobiphenyl
 Concen: 81.883 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.4	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

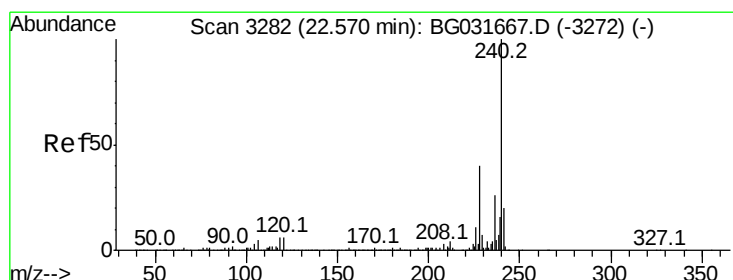
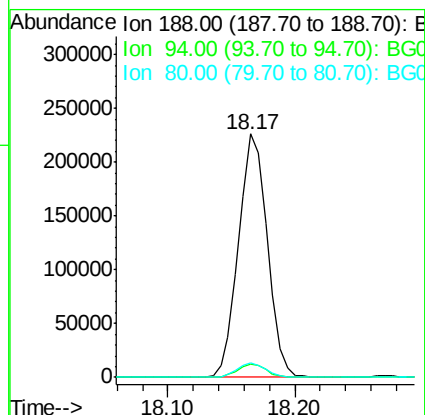
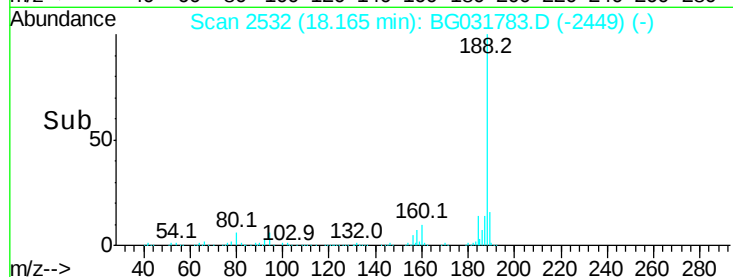
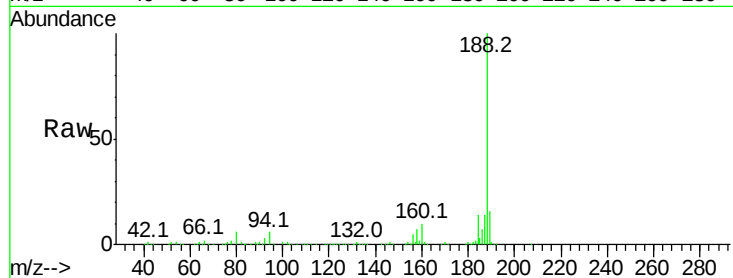




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031783.D
Acq: 27 Dec 2017 5:16

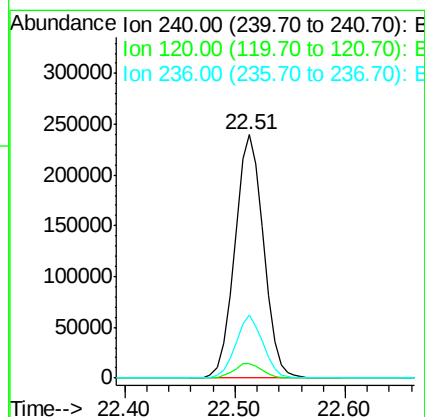
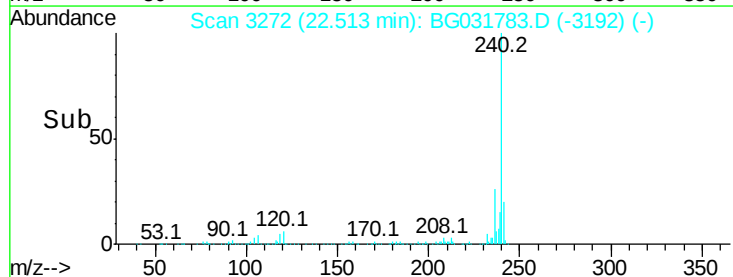
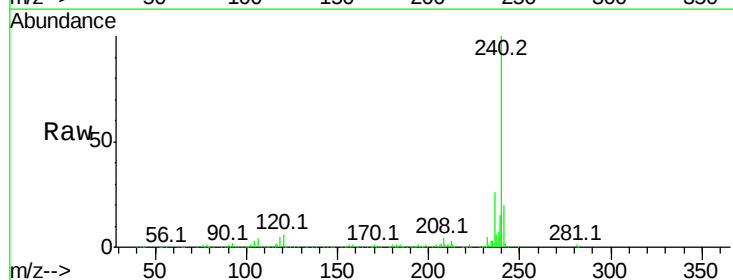
Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-B

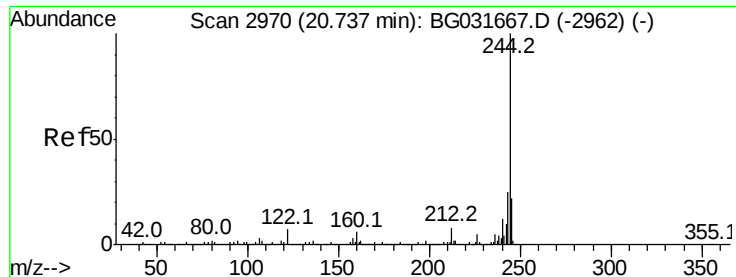
Tot Ion:188 Resp: 355713
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 5.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031783.D
Acq: 27 Dec 2017 5:16

Tgt Ion:240 Resp: 435811
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 82.471 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-B

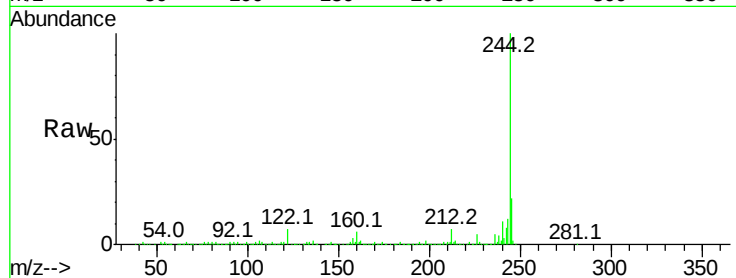
Tot Ion:244 Resp: 1573188

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

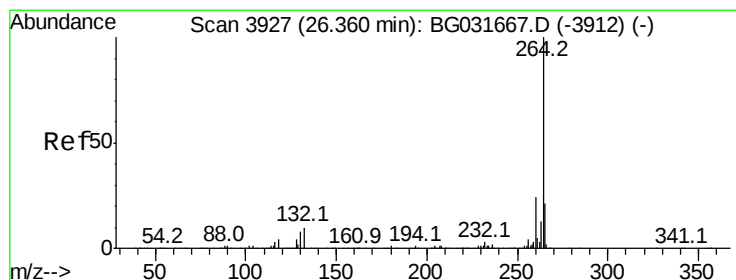
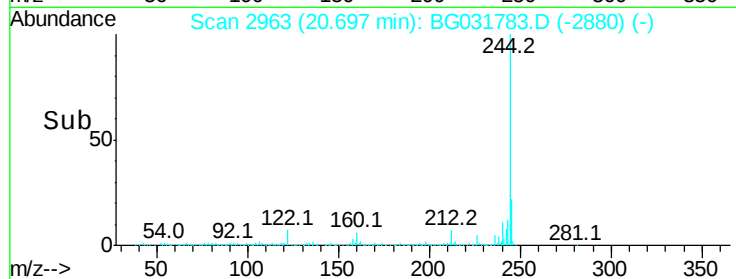
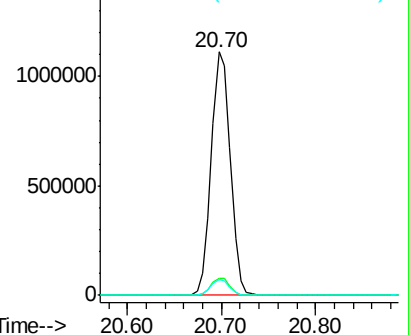
122 6.5 7.0 10.4#



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: 26.27 min Scan# 3911

Delta R.T. -0.09 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

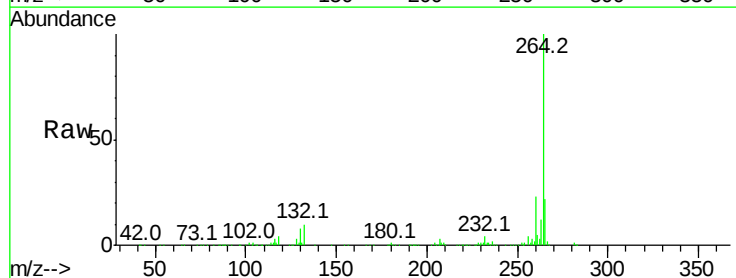
Tgt Ion:264 Resp: 465176

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.9 17.7 26.5



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

