

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033367.D
 Acq On : 27 Mar 2018 18:20
 Operator : SJ/JU
 Sample : J2038-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032218-JETB-F-D-M

Quant Time: Mar 28 08:23:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35825	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	160839	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	124221	20.00	ng	-0.03
63) Phenanthrene-d10	18.22	188	323890	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	342314	20.00	ng	-0.04
86) Perylene-d12	26.33	264	370412	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	87673	45.89	ng	-0.02
7) Phenol-d6	7.97	99	83852	25.54	ng	-0.03
23) Nitrobenzene-d5	10.07	82	323621	92.44	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	184307	99.20	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	841190	97.76	ng	-0.03
78) Terphenyl-d14	20.73	244	1473768	92.07	ng	-0.03

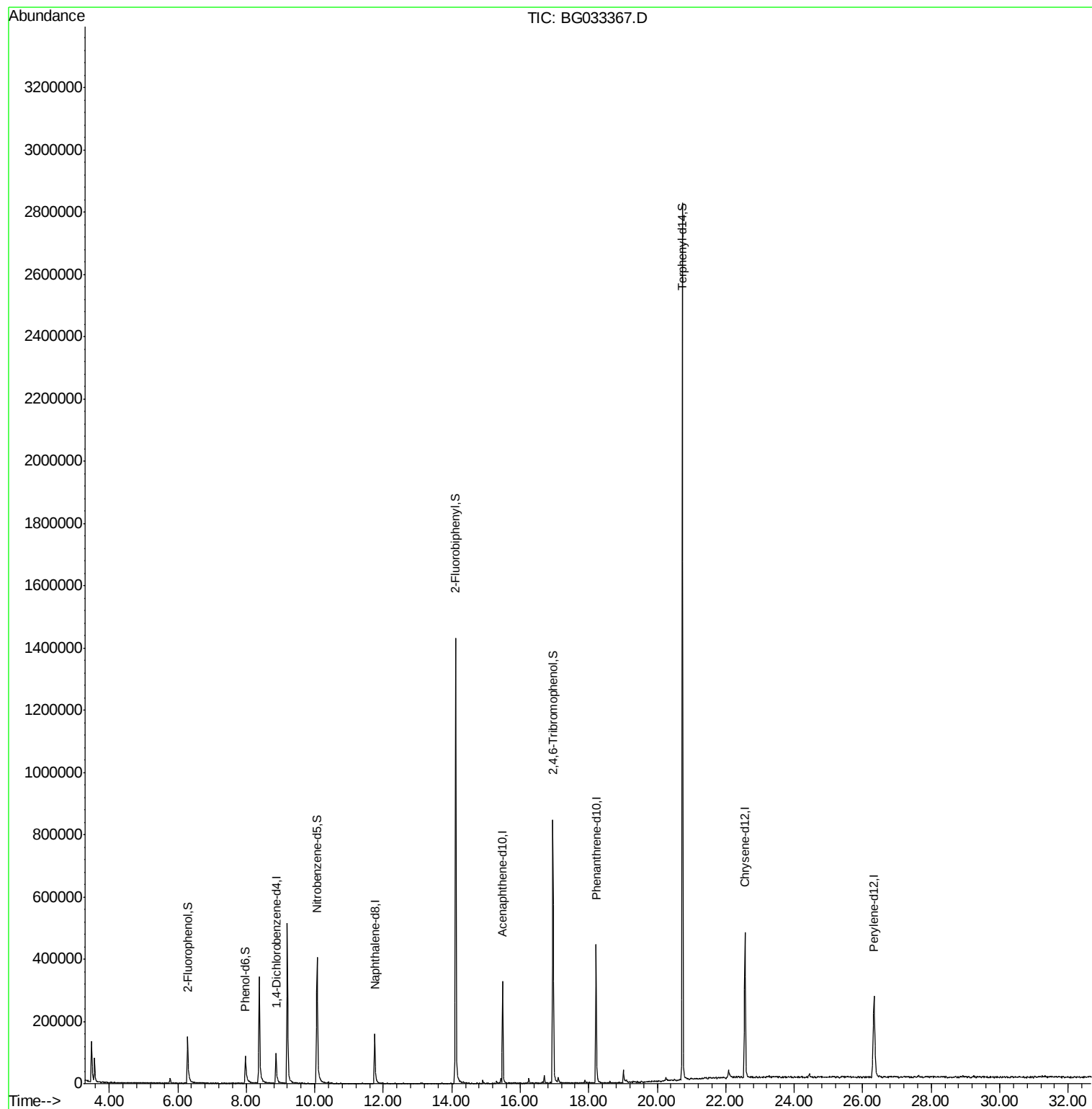
Target Compounds Qvalue

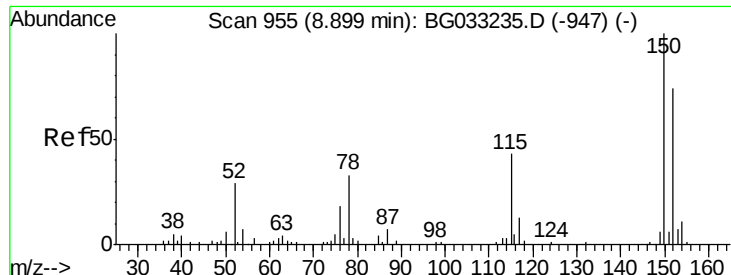
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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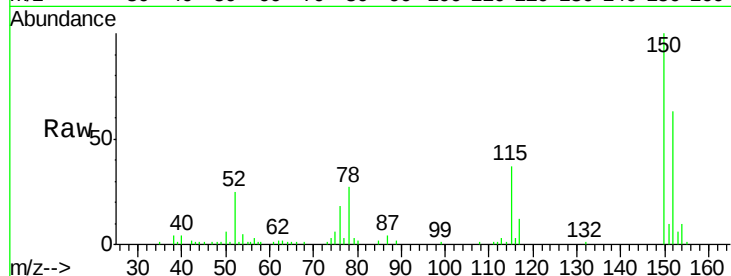


#1

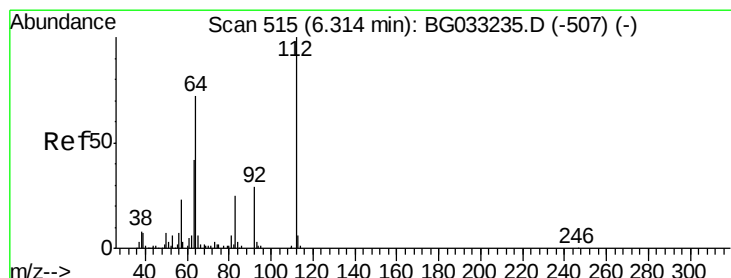
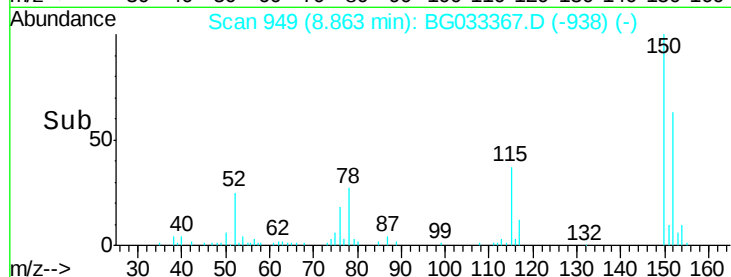
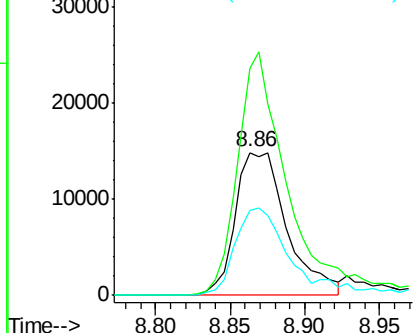
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033367.D
Acq: 27 Mar 2018 18:20

Instrument :
BNA_G
ClientSampleId :
032218-JETB-F-D-M

Tot Ion:152 Resp: 35825
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 59.1 53.0 79.4



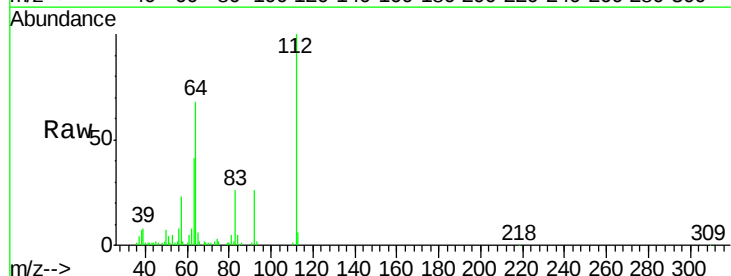
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



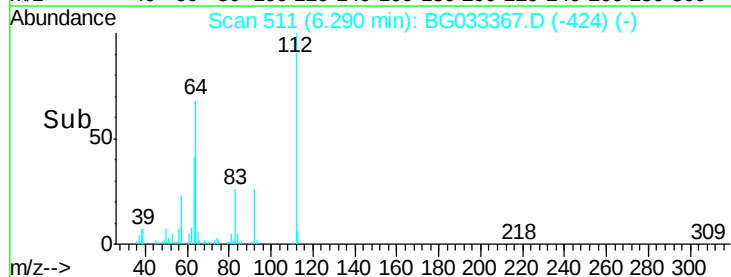
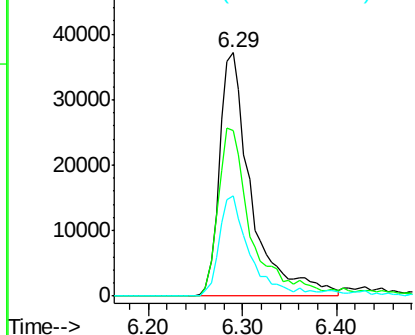
#5

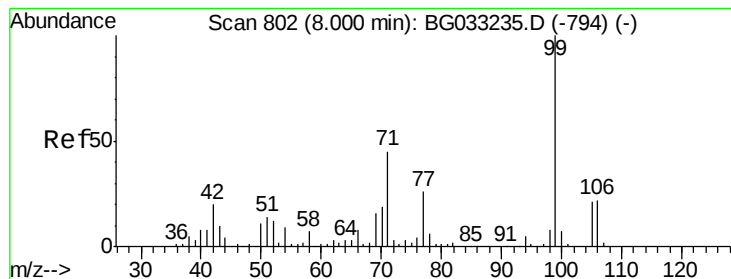
2-Fluorophenol
Concen: 45.889 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033367.D
Acq: 27 Mar 2018 18:20

Tgt Ion:112 Resp: 87673
Ion Ratio Lower Upper
112 100
64 67.9 56.3 84.5
63 41.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.544 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033367.D

Acq: 27 Mar 2018 18:20

Instrument :

BNA_G

ClientSampleId :

032218-JETB-F-D-M

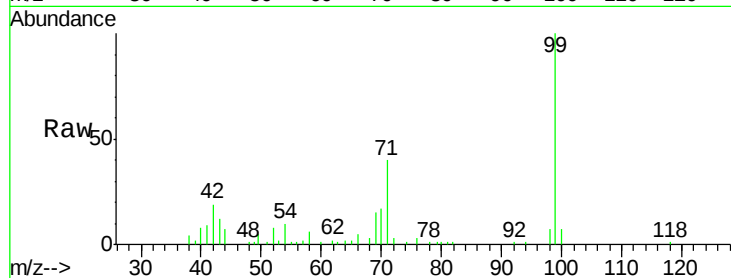
Tot Ion: 99 Resp: 83852

Ion Ratio Lower Upper

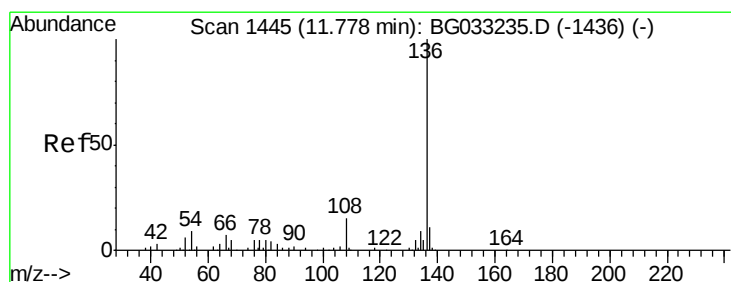
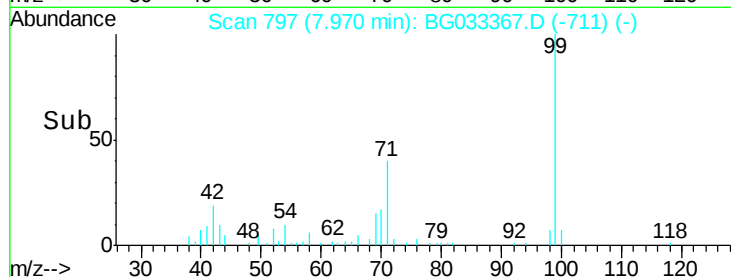
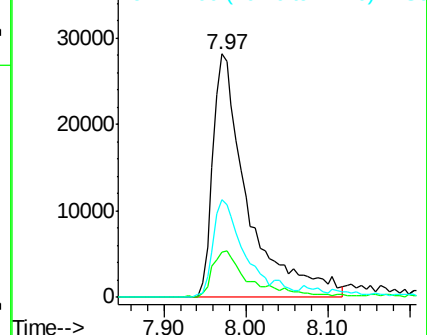
99 100

42 18.7 14.1 21.1

71 40.2 26.1 39.1#



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: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033367.D

Acq: 27 Mar 2018 18:20

Tgt Ion: 136 Resp: 160839

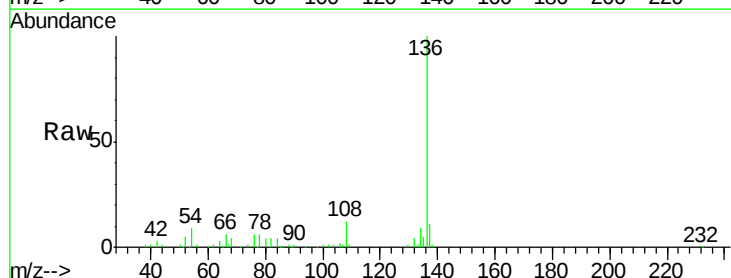
Ion Ratio Lower Upper

136 100

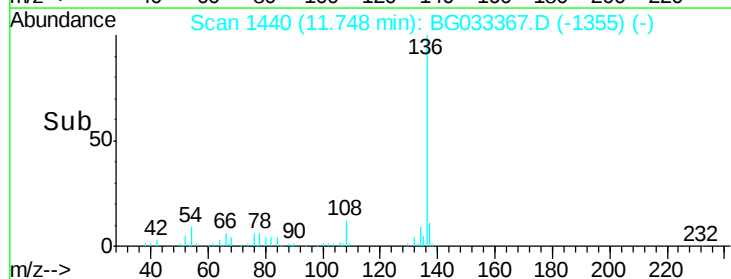
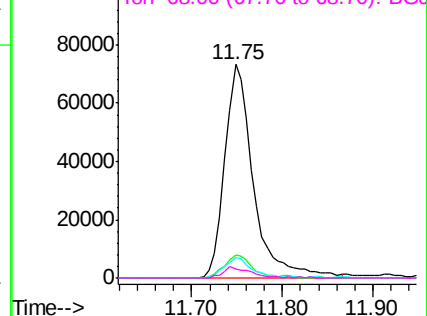
137 10.8 9.2 13.8

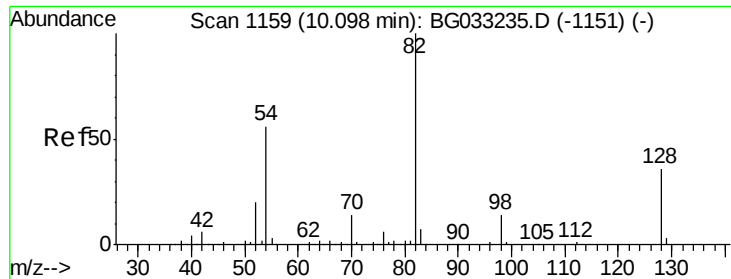
54 9.4 10.3 15.5#

68 4.1 4.5 6.7#



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

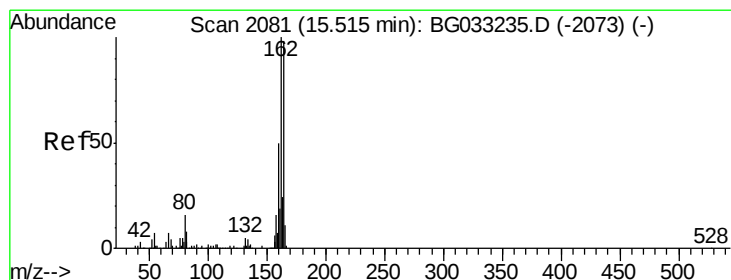
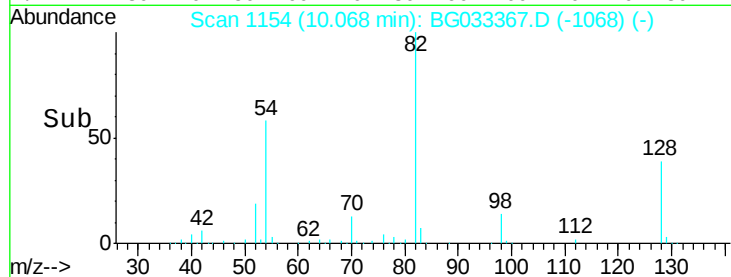
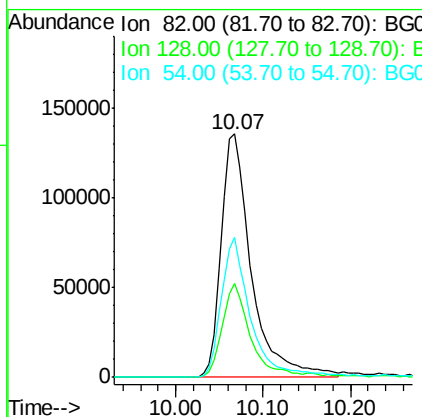
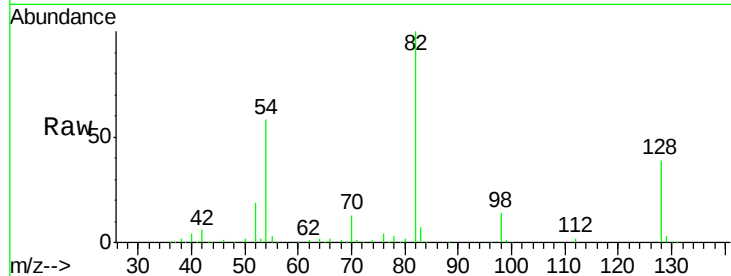




#23
 Nitrobenzene-d5
 Concen: 92.443 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033367.D
 Acq: 27 Mar 2018 18:20

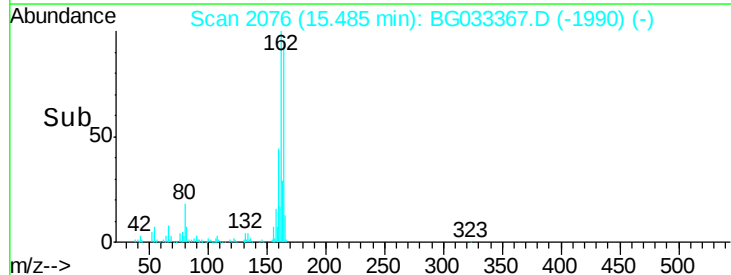
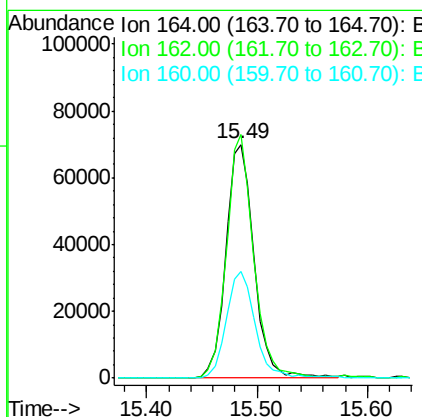
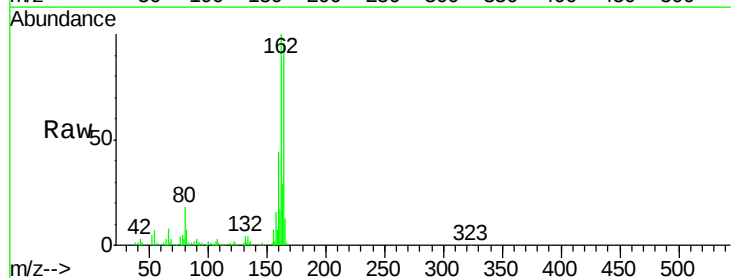
Instrument :
 BNA_G
 ClientSampleId :
 032218-JETB-F-D-M

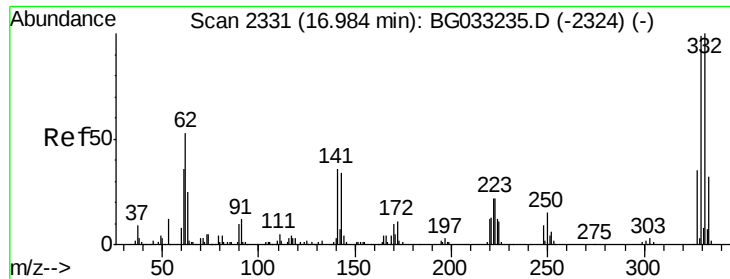
Tot Ion: 82 Resp: 323621
 Ion Ratio Lower Upper
 82 100
 128 38.7 29.7 44.5
 54 57.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: BG033367.D
 Acq: 27 Mar 2018 18:20

Tgt Ion: 164 Resp: 124221
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 45.7 35.4 53.0

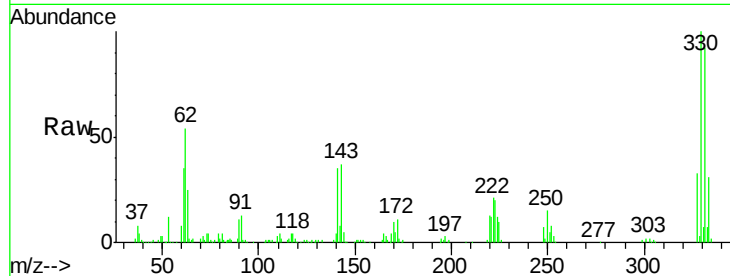




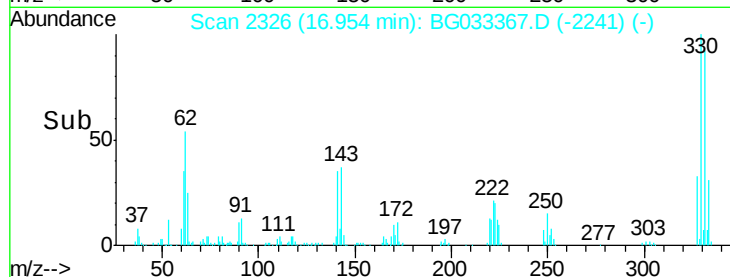
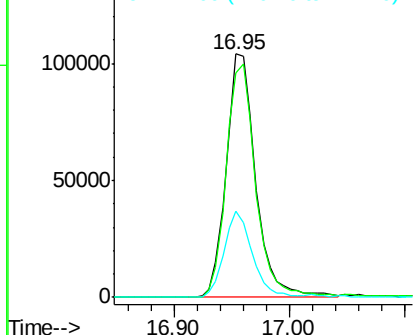
#41
 2,4,6-Tribromophenol
 Concen: 99.203 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033367.D
 Acq: 27 Mar 2018 18:20

Instrument :
 BNA_G
 ClientSampleId :
 032218-JETB-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.8	25.2	37.8

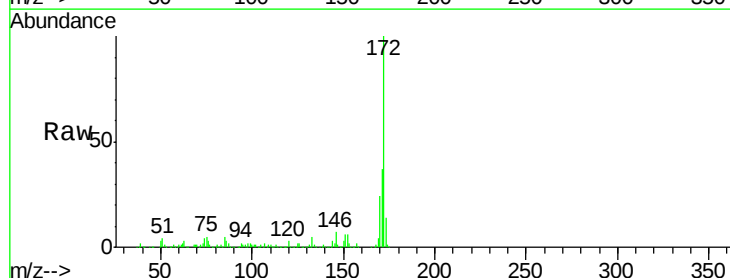


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

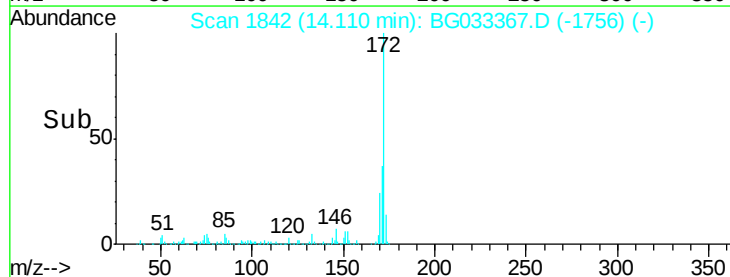
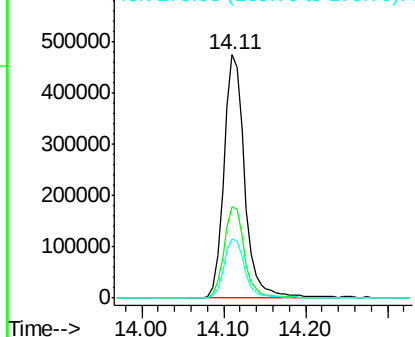


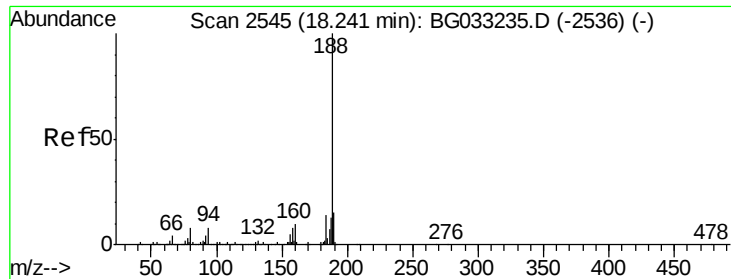
#44
 2-Fluorobiphenyl
 Concen: 97.759 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033367.D
 Acq: 27 Mar 2018 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.4	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: 18.22 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BG033367.D

Acq: 27 Mar 2018 18:20

Instrument :

BNA_G

ClientSampleId :

032218-JETB-F-D-M

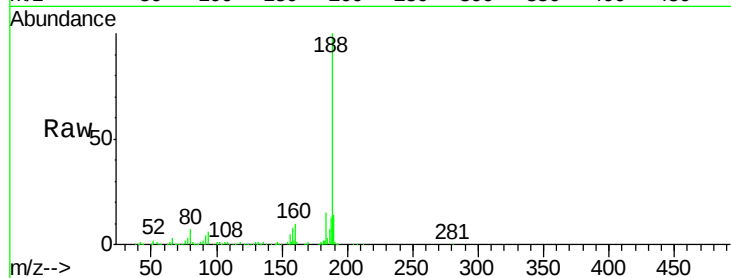
Tot Ion:188 Resp: 323890

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

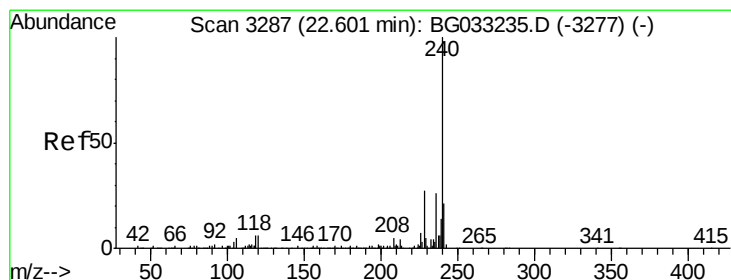
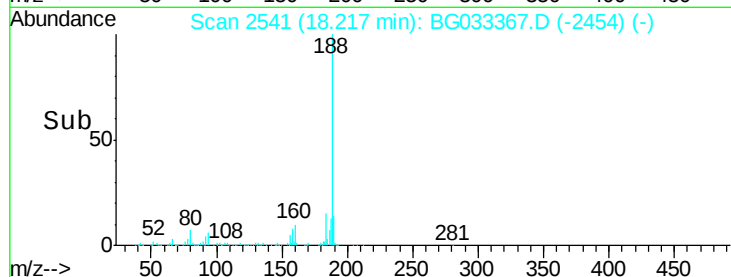
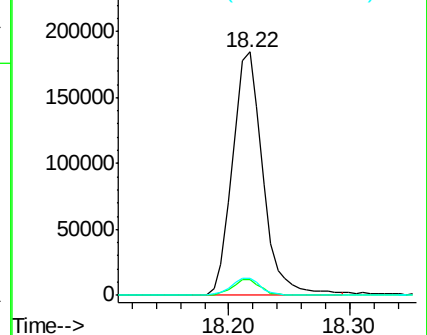
80 7.0 7.7 11.5#



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: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033367.D

Acq: 27 Mar 2018 18:20

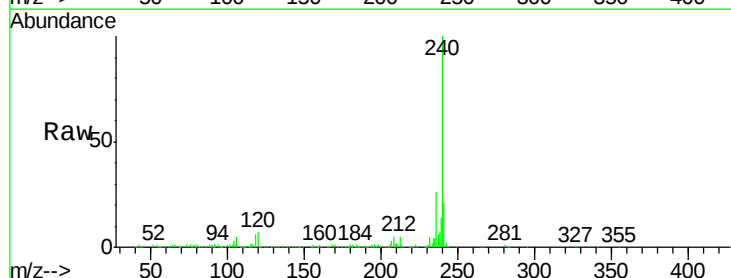
Tgt Ion:240 Resp: 342314

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

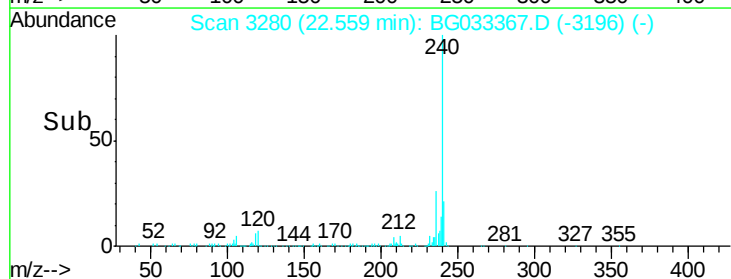
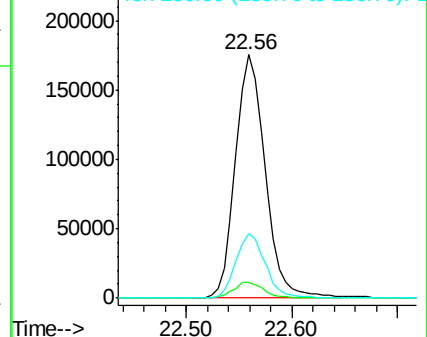
236 26.3 20.9 31.3

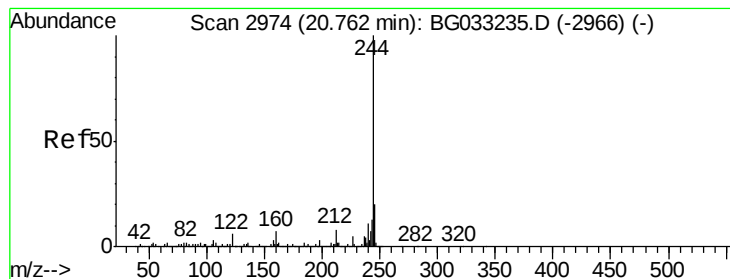


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.074 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033367.D

Acq: 27 Mar 2018 18:20

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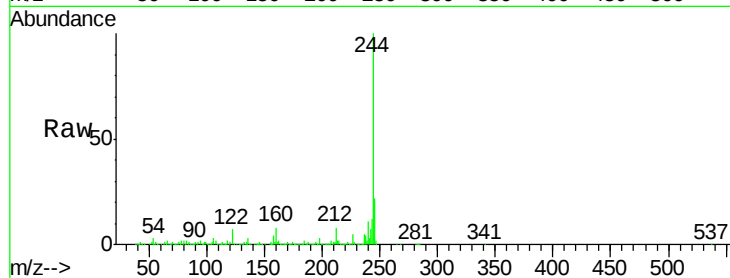
Tot Ion:244 Resp: 1473768

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

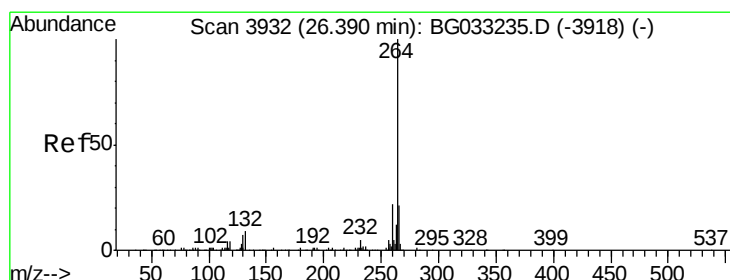
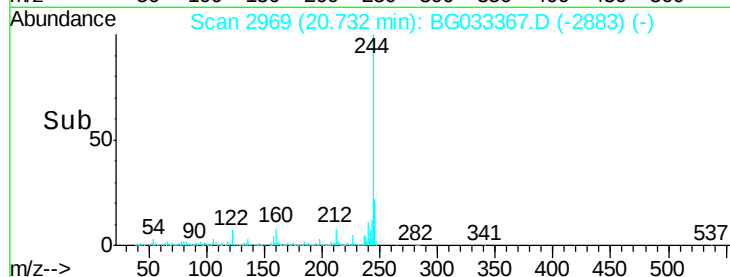
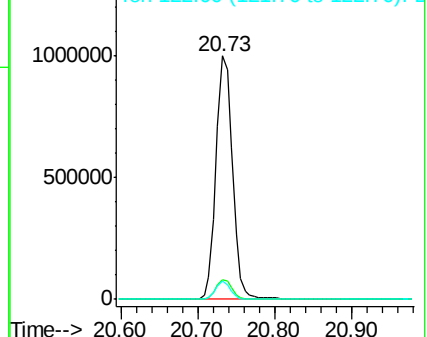
122 7.4 7.0 10.4



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: 26.33 min Scan# 3922

Delta R.T. -0.06 min

Lab File: BG033367.D

Acq: 27 Mar 2018 18:20

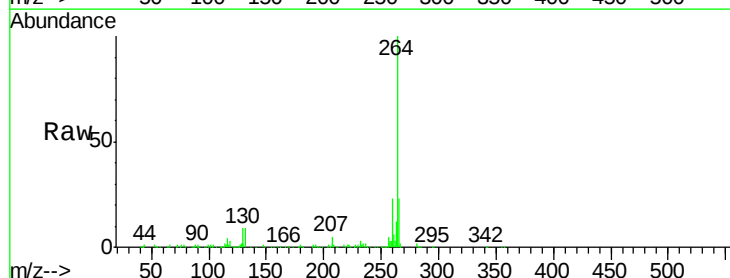
Tgt Ion:264 Resp: 370412

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 23.1 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

