

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033545.D
 Acq On : 4 Apr 2018 5:06
 Operator : SJ/JU
 Sample : J2177-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-D-M

Quant Time: Apr 04 06:02:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31221	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	138188	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121635	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	326575	20.00	ng	0.00
75) Chrysene-d12	22.56	240	329012	20.00	ng	0.00
86) Perylene-d12	26.33	264	324815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	67950	40.81	ng	0.00
7) Phenol-d6	7.99	99	70777	24.74	ng	0.00
23) Nitrobenzene-d5	10.06	82	295496	98.25	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	157668	86.67	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	765917	90.90	ng	0.00
78) Terphenyl-d14	20.73	244	1362301	88.55	ng	0.00

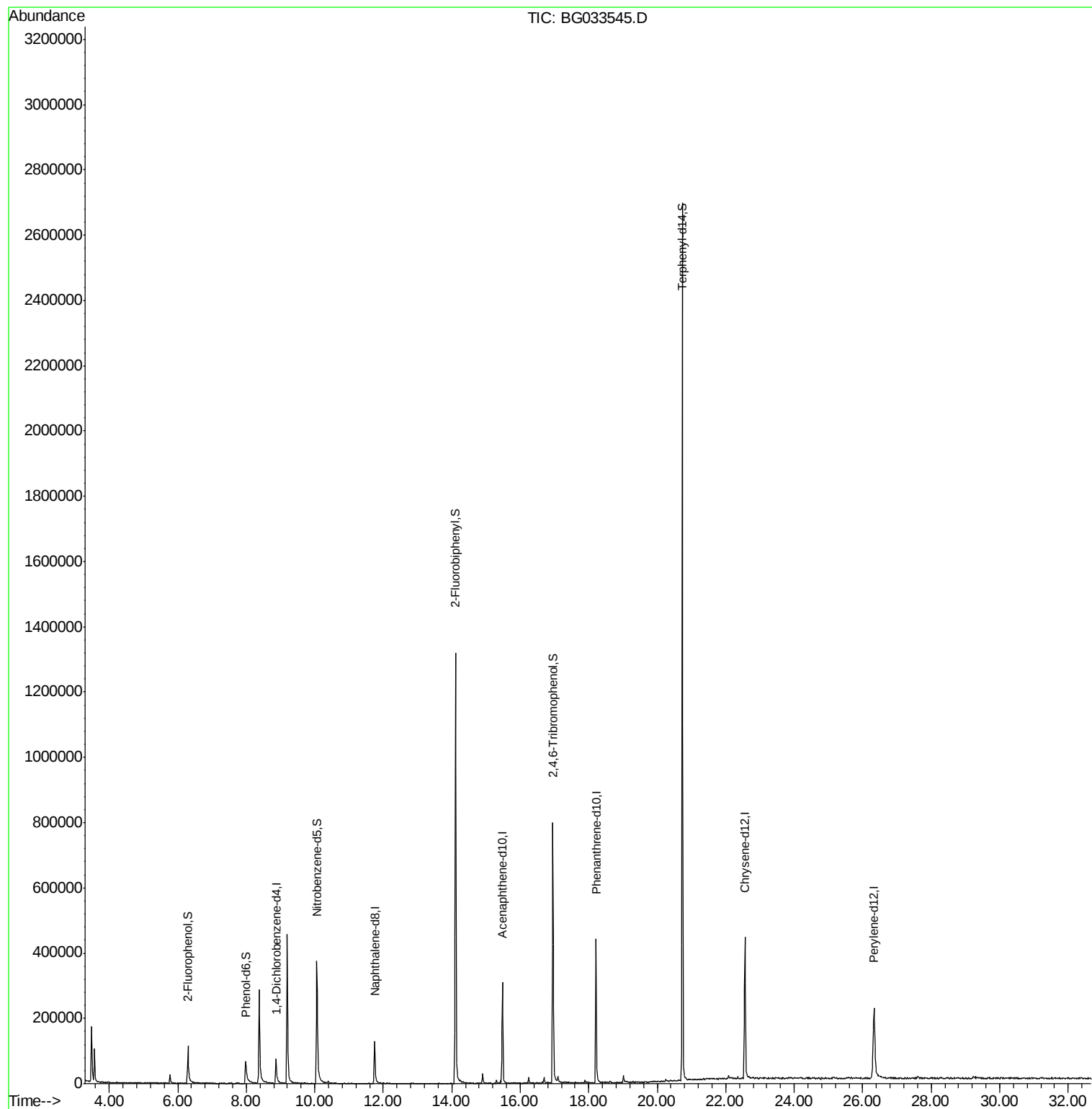
Target Compounds Qvalue

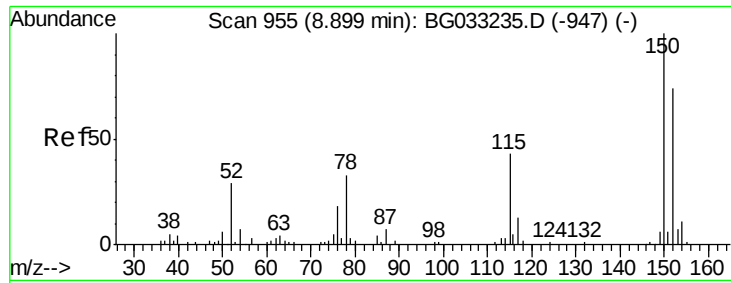
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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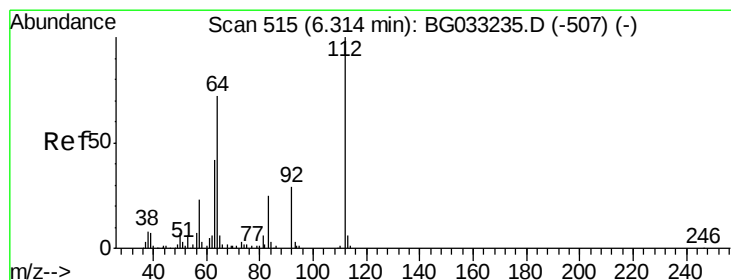
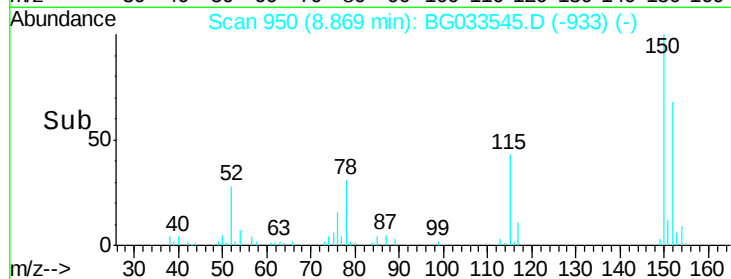
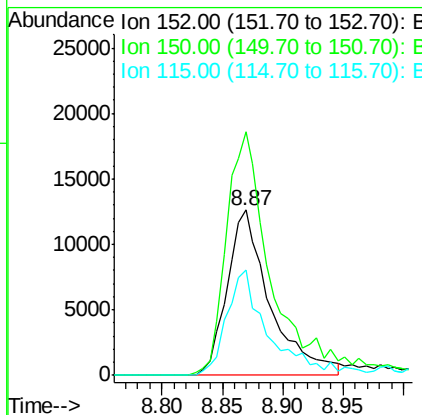
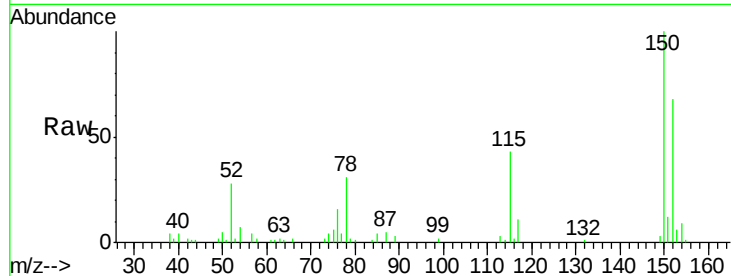


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BG033545.D
 Acq: 4 Apr 2018 5:06

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-D-M

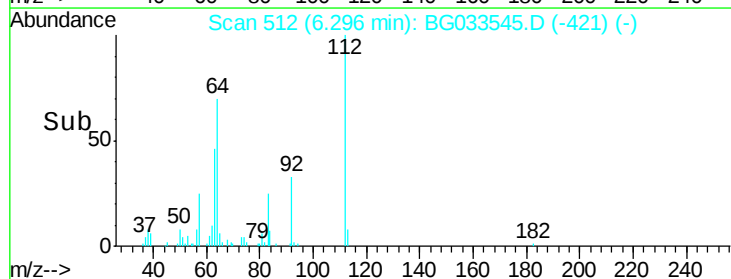
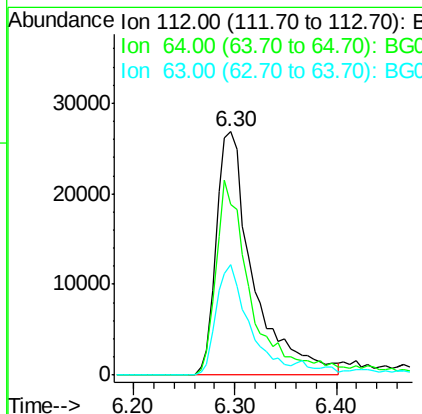
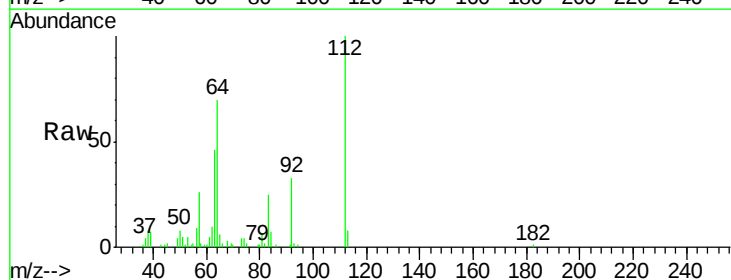
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	126.6	189.8
115	63.4	53.0	79.4



#5

2-Fluorophenol
 Concen: 40.810 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BG033545.D
 Acq: 4 Apr 2018 5:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.3	84.5
63	45.5	30.1	45.1





#7

Phenol-d6

Concen: 24.740 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033545.D

Acq: 4 Apr 2018 5:06

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-D-M

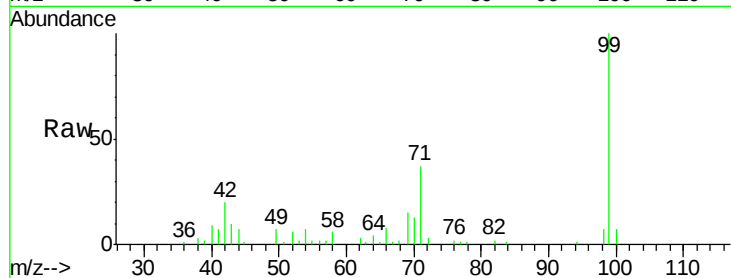
Tot Ion: 99 Resp: 70777

Ion Ratio Lower Upper

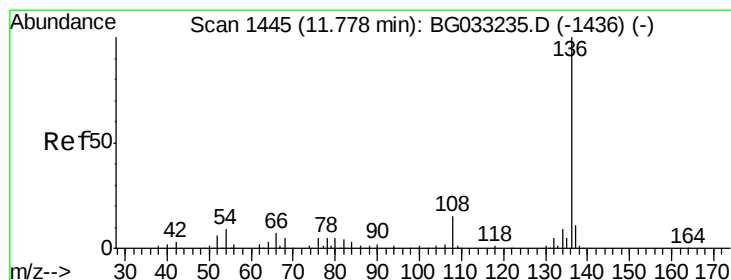
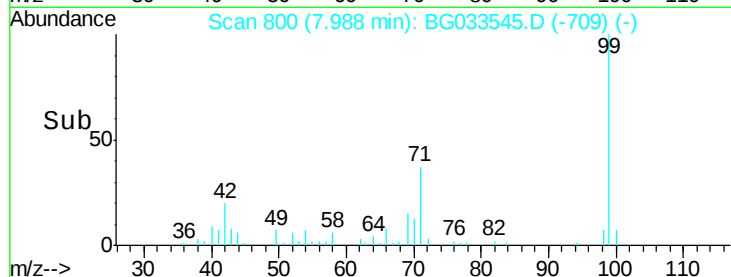
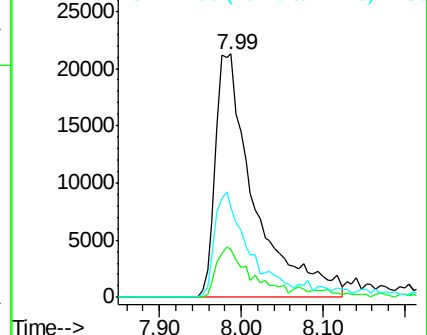
99 100

42 19.9 14.1 21.1

71 37.1 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. -0.00 min

Lab File: BG033545.D

Acq: 4 Apr 2018 5:06

Tgt Ion: 136 Resp: 138188

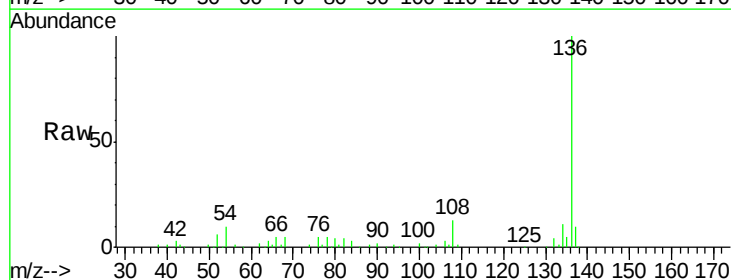
Ion Ratio Lower Upper

136 100

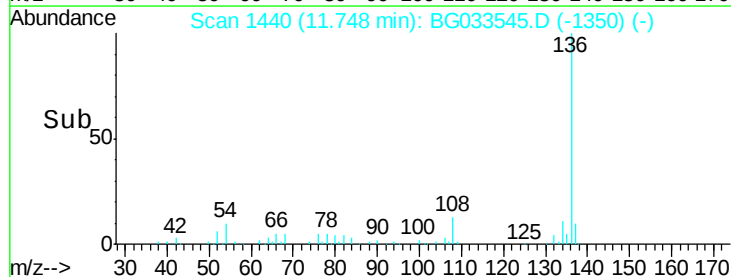
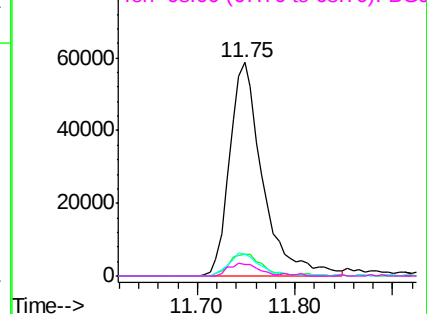
137 10.3 9.2 13.8

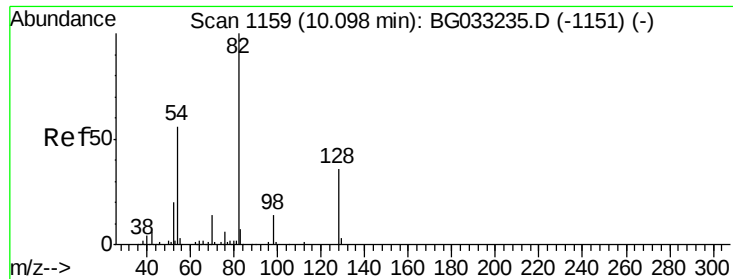
54 10.4 10.3 15.5

68 5.3 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: 98.245 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033545.D

Acq: 4 Apr 2018 5:06

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-D-M

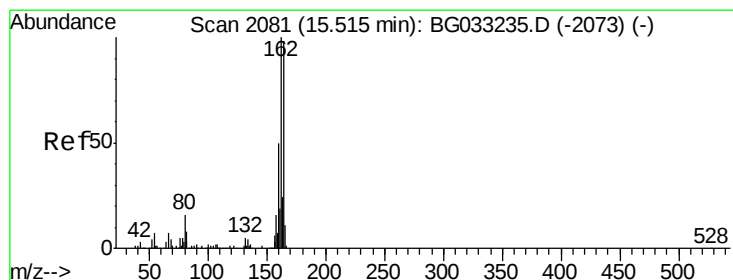
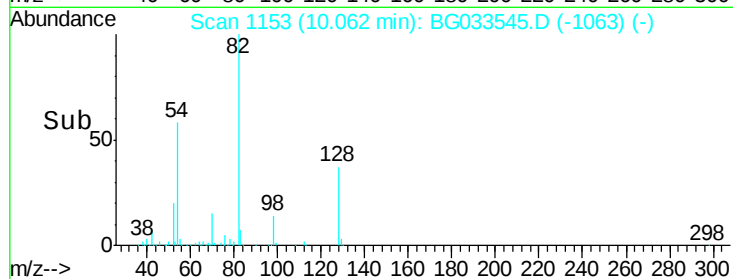
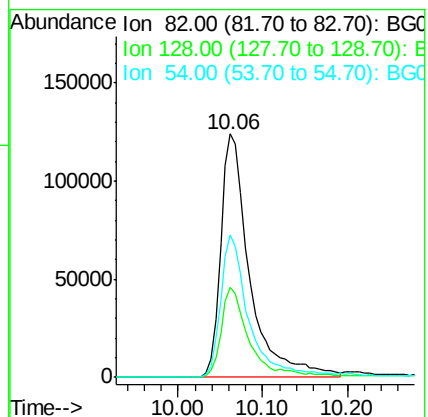
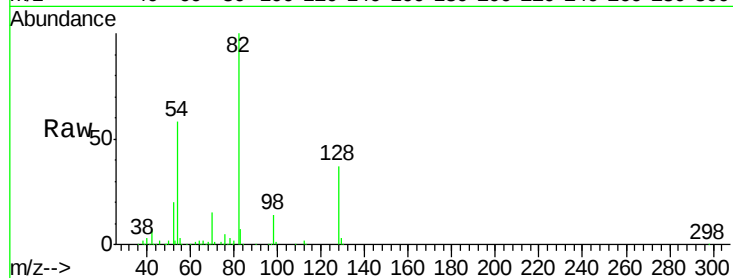
Tot Ion: 82 Resp: 295496

Ion Ratio Lower Upper

82 100

128 37.1 29.7 44.5

54 58.4 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033545.D

Acq: 4 Apr 2018 5:06

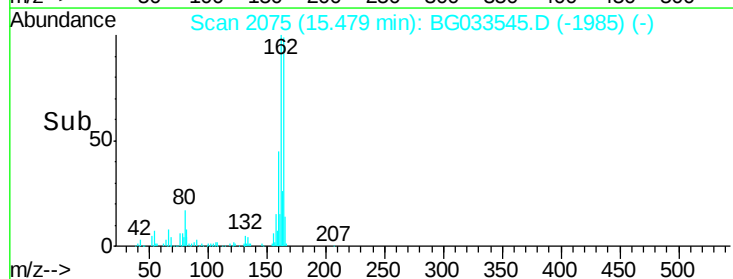
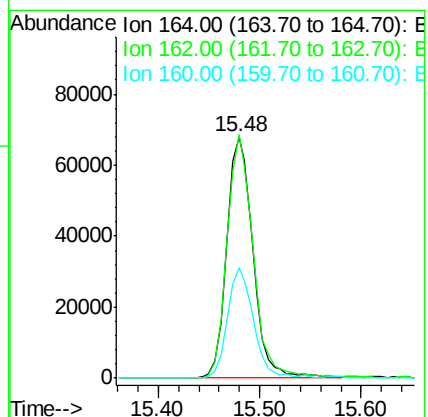
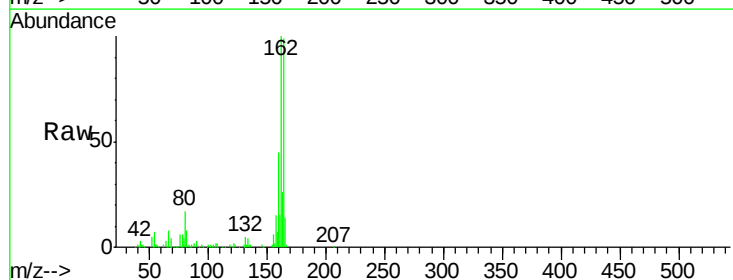
Tgt Ion:164 Resp: 121635

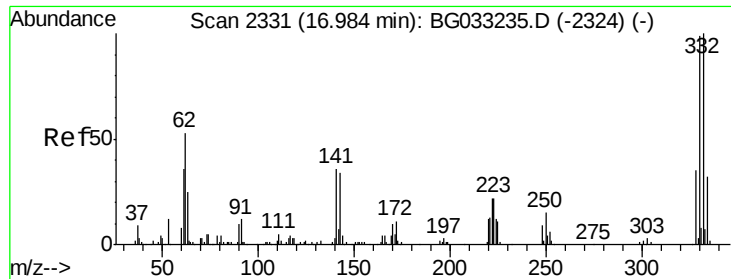
Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

160 45.7 35.4 53.0

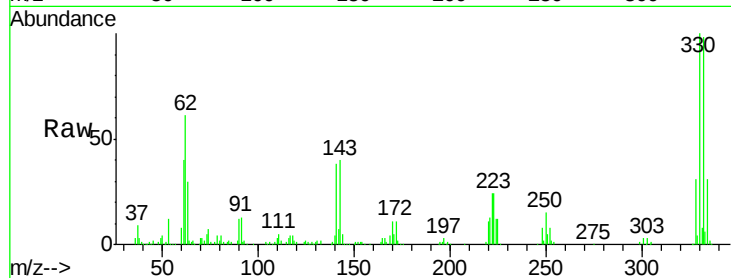




#41
 2,4,6-Tribromophenol
 Concen: 86.669 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033545.D
 Acq: 4 Apr 2018 5:06

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.4	25.2	37.8#

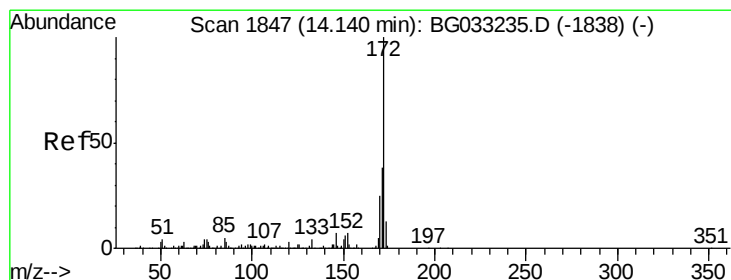
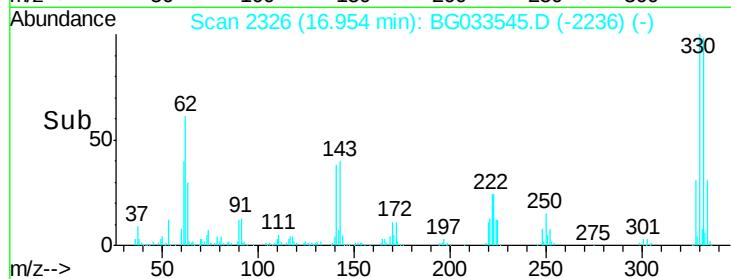
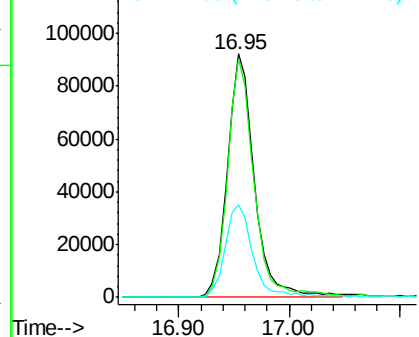


Abundance

Ion 329.80 (329.50 to 330.50): E

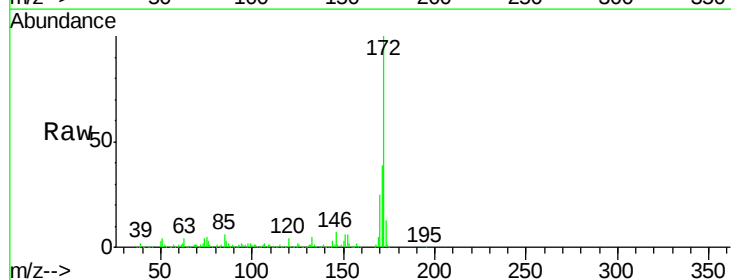
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.903 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033545.D
 Acq: 4 Apr 2018 5:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.0	19.5	29.3

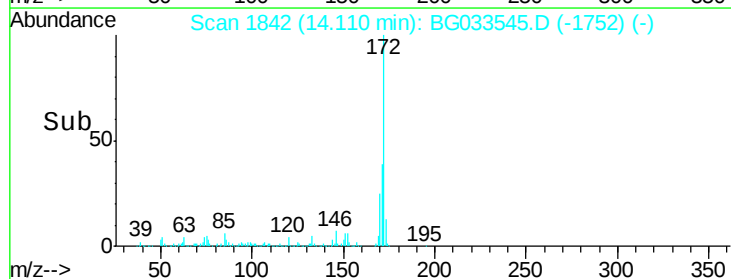
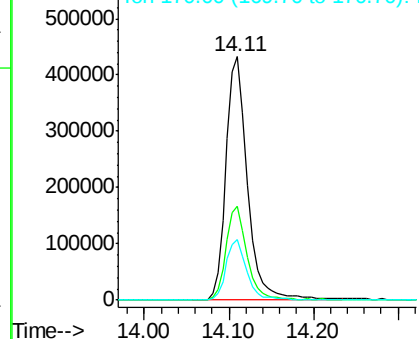


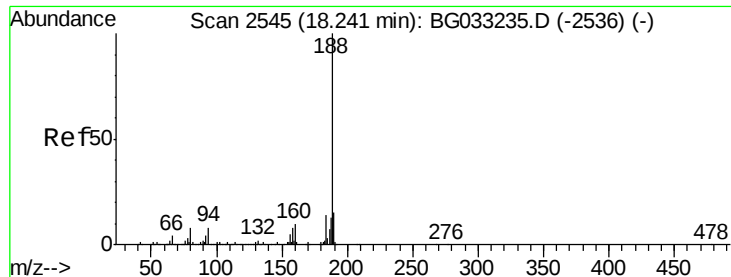
Abundance

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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033545.D

Acq: 4 Apr 2018 5:06

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-D-M

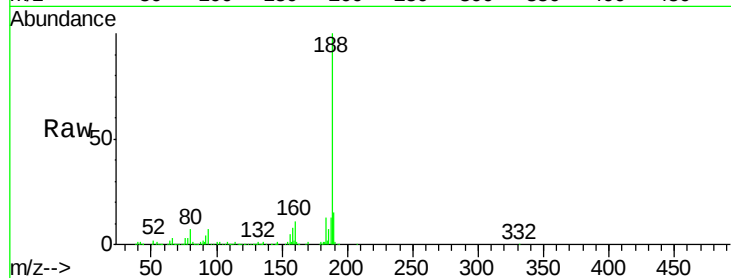
Tot Ion:188 Resp: 326575

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

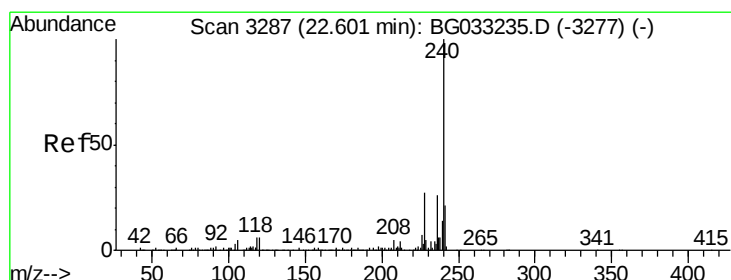
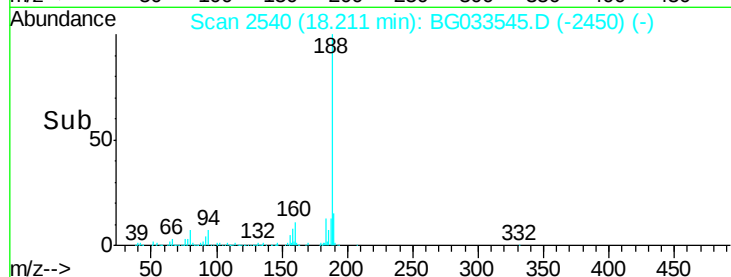
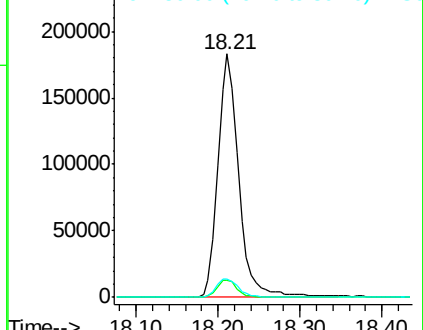
80 7.3 7.7 11.5#



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. 0.01 min

Lab File: BG033545.D

Acq: 4 Apr 2018 5:06

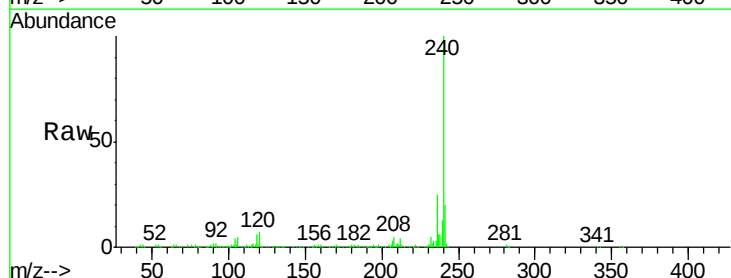
Tgt Ion:240 Resp: 329012

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

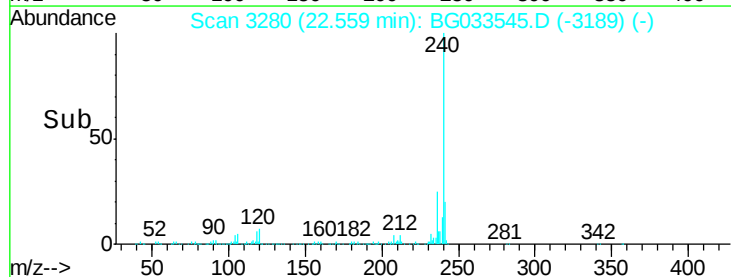
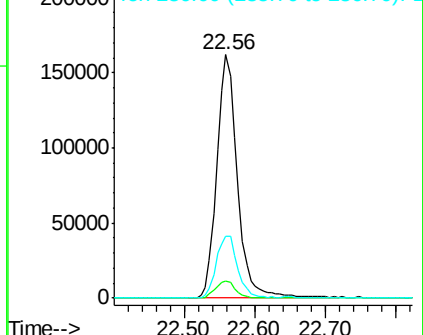
236 25.3 20.9 31.3

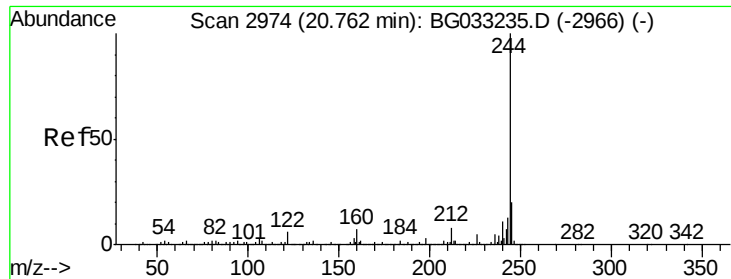


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.551 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033545.D

Acq: 4 Apr 2018 5:06

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-D-M

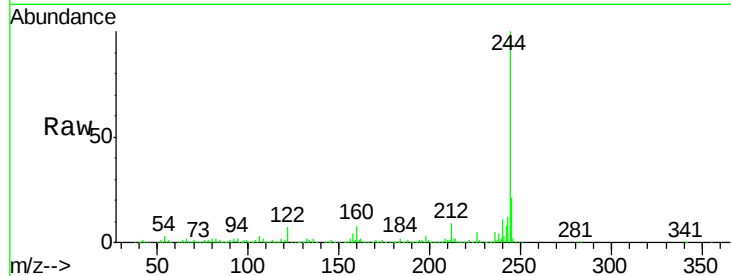
Tot Ion:244 Resp: 1362301

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

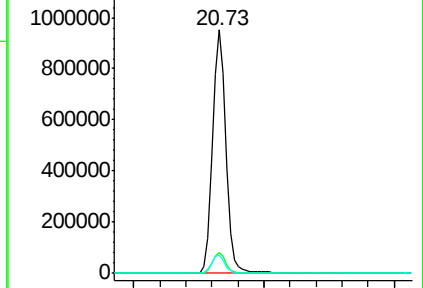
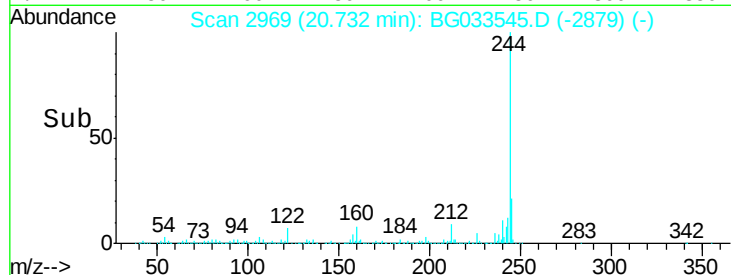
122 7.3 7.0 10.4



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# 3921

Delta R.T. 0.01 min

Lab File: BG033545.D

Acq: 4 Apr 2018 5:06

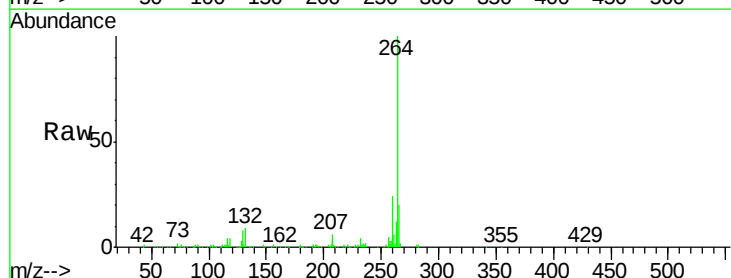
Tgt Ion:264 Resp: 324815

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 20.4 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

