

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033806.D
 Acq On : 13 Apr 2018 21:16
 Operator : SJ/JU
 Sample : J2348-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 135-348

Quant Time: Apr 14 02:00:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	21138	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	105195	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	83340	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	251182	20.00	ng	0.00
75) Chrysene-d12	22.54	240	279487	20.00	ng	0.00
86) Perylene-d12	26.30	264	301093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	191769	170.12	ng	0.00
7) Phenol-d6	7.98	99	260392	134.44	ng	0.01
23) Nitrobenzene-d5	10.05	82	235878	103.02	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	210352	168.76	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	599582	103.86	ng	0.00
78) Terphenyl-d14	20.72	244	1445676	110.62	ng	0.00

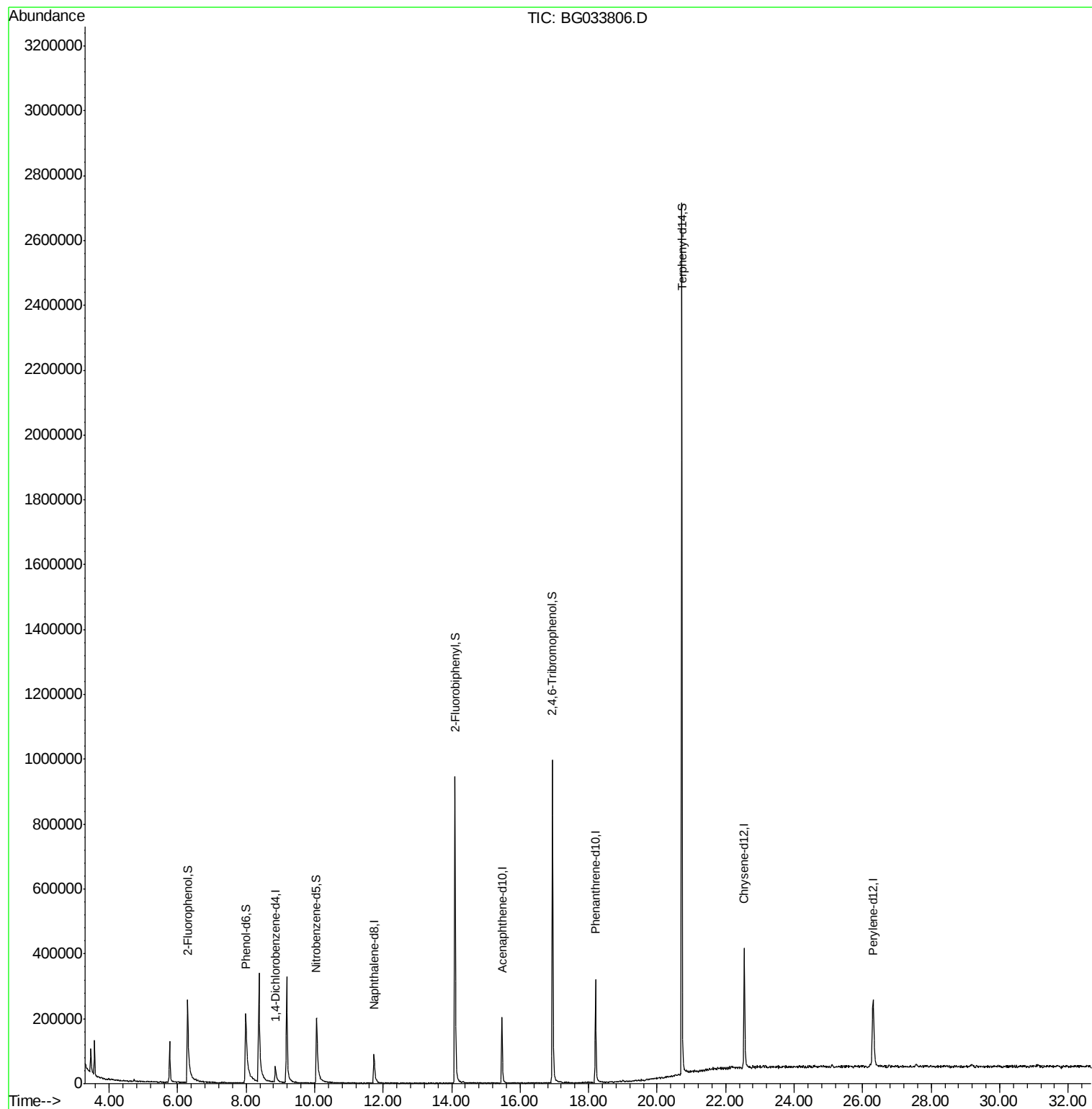
Target Compounds Qvalue

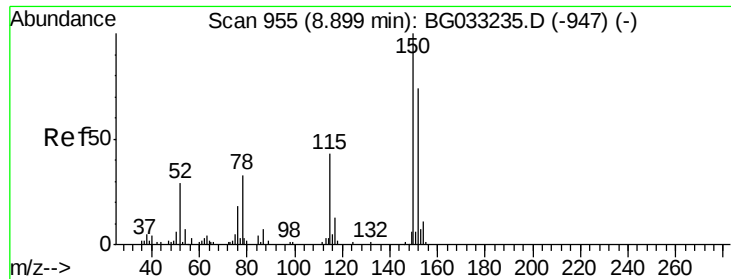
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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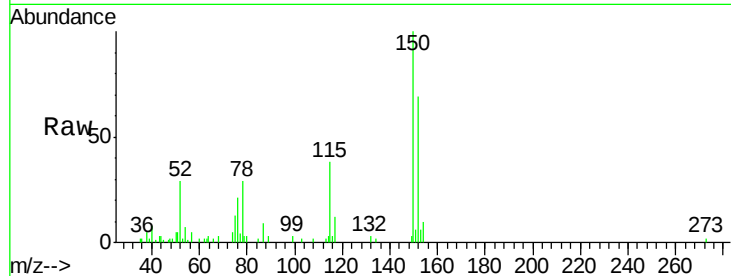


#1

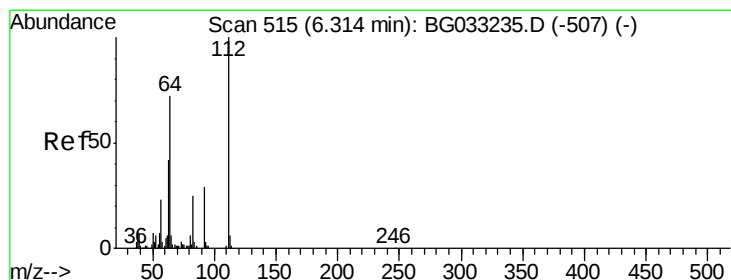
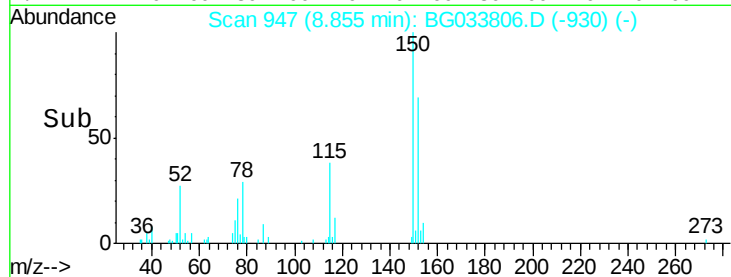
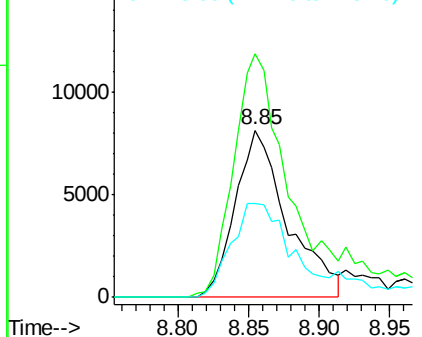
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.85 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 135-348

Tot Ion:152 Resp: 21138
 Ion Ratio Lower Upper
 152 100
 150 145.7 126.6 189.8
 115 55.9 53.0 79.4



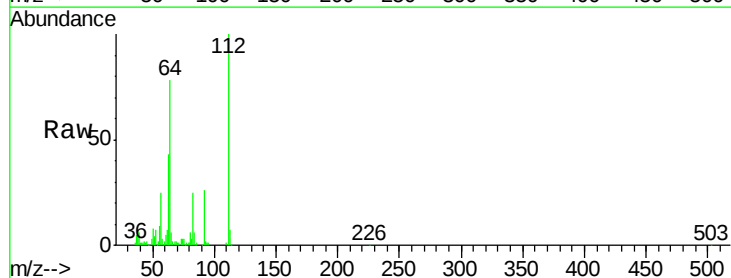
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



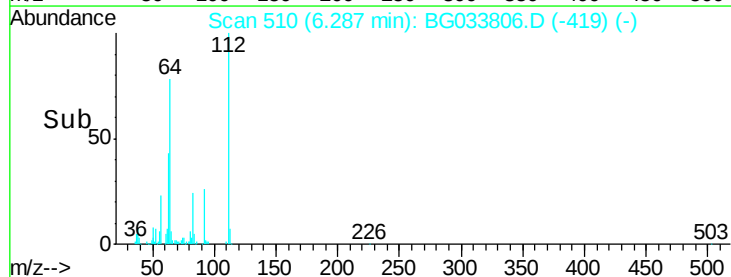
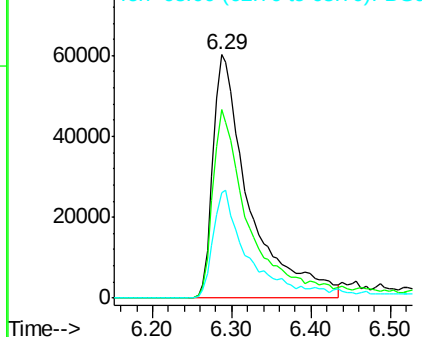
#5

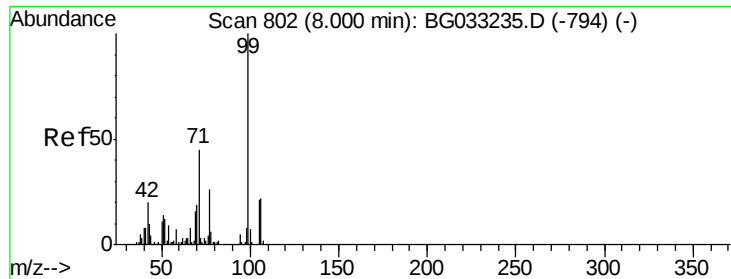
2-Fluorophenol
 Concen: 170.115 ng
 RT: 6.29 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

Tgt Ion:112 Resp: 191769
 Ion Ratio Lower Upper
 112 100
 64 77.6 56.3 84.5
 63 43.1 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: 134.437 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

135-348

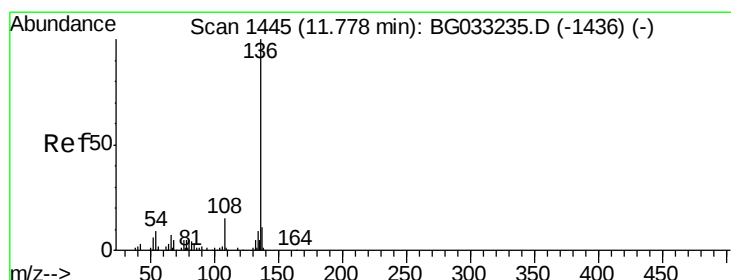
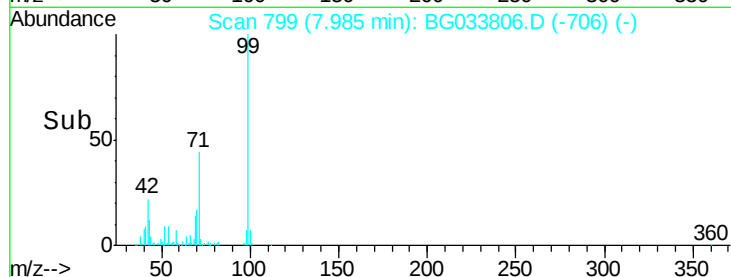
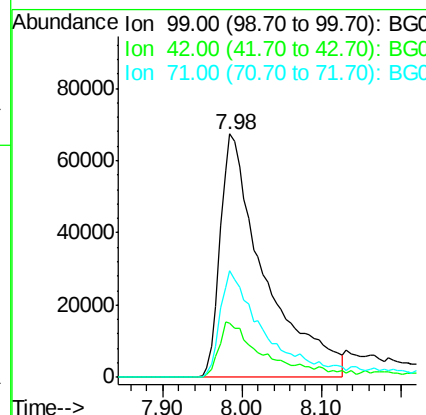
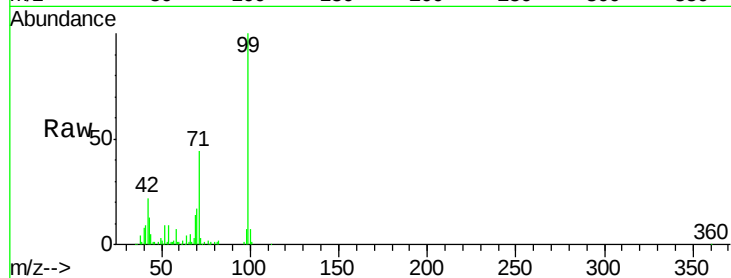
Tot Ion: 99 Resp: 260392

Ion Ratio Lower Upper

99 100

42 22.1 14.1 21.1#

71 44.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Tgt Ion: 136 Resp: 105195

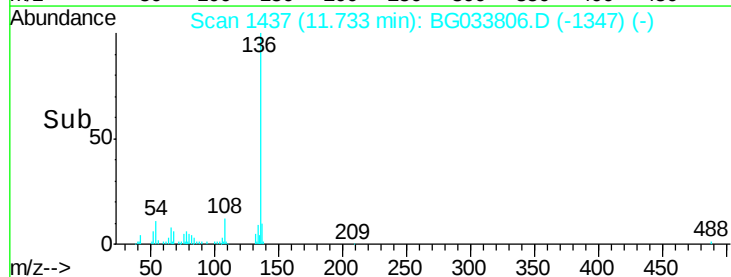
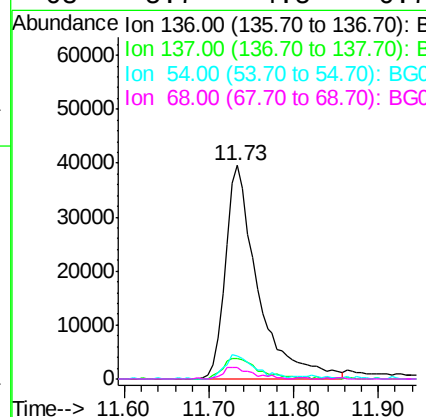
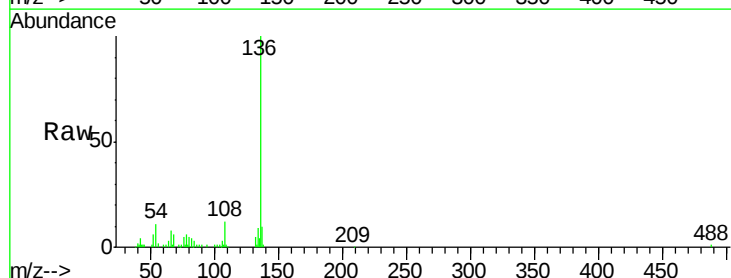
Ion Ratio Lower Upper

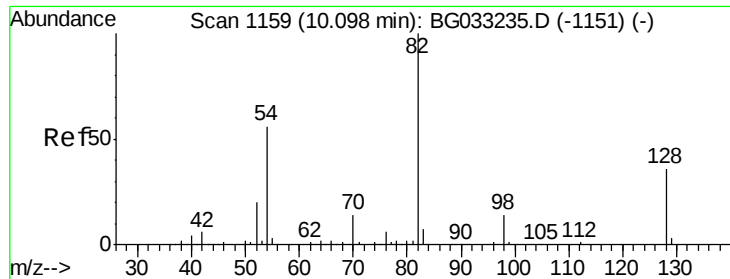
136 100

137 9.5 9.2 13.8

54 10.9 10.3 15.5

68 5.7 4.5 6.7

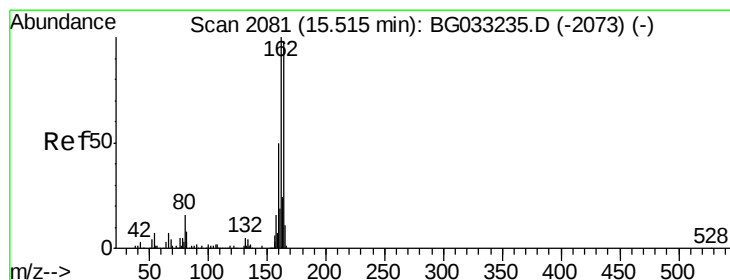
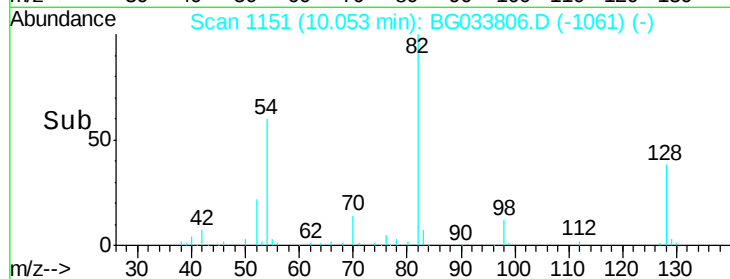
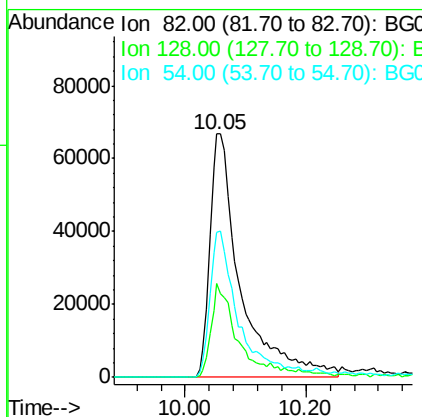
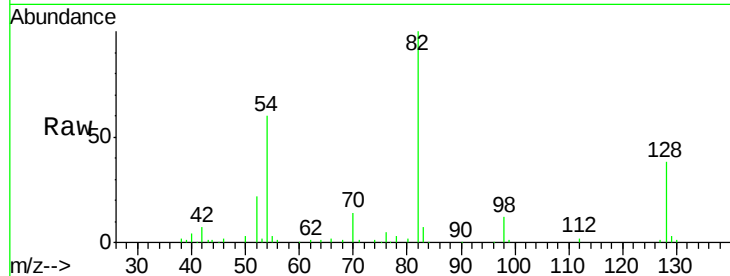




#23
Nitrobenzene-d5
Concen: 103.020 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG033806.D
Acq: 13 Apr 2018 21:16

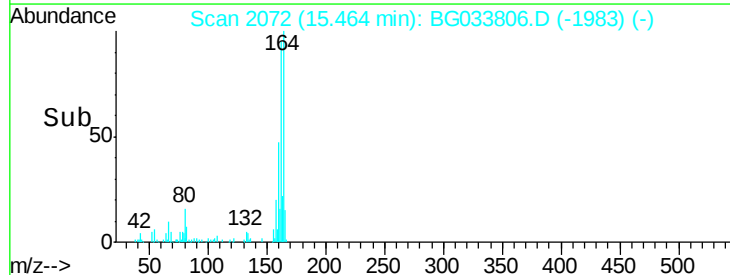
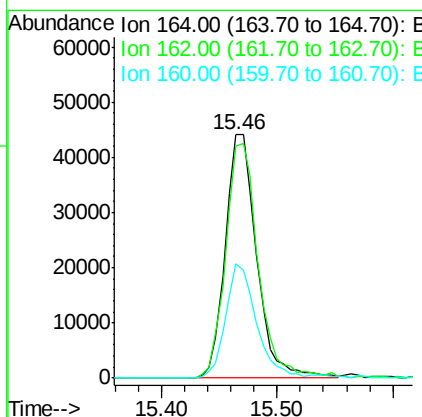
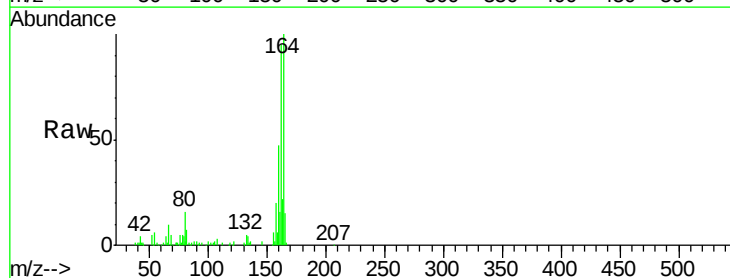
Instrument :
BNA_G
ClientSampleId :
135-348

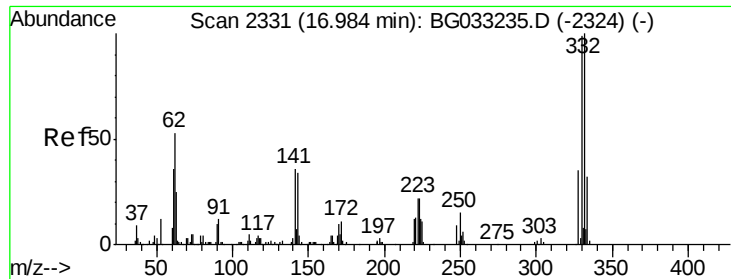
Tot Ion: 82 Resp: 235878
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 59.5 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG033806.D
Acq: 13 Apr 2018 21:16

Tgt Ion: 164 Resp: 83340
Ion Ratio Lower Upper
164 100
162 95.3 78.8 118.2
160 46.8 35.4 53.0

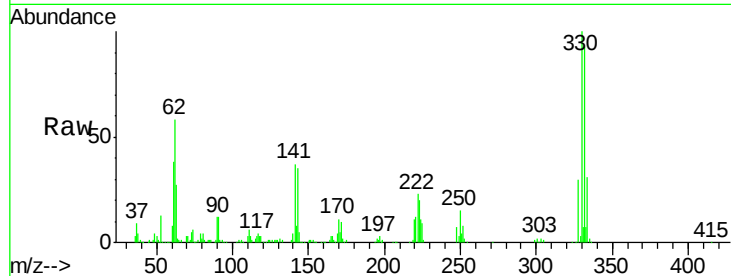




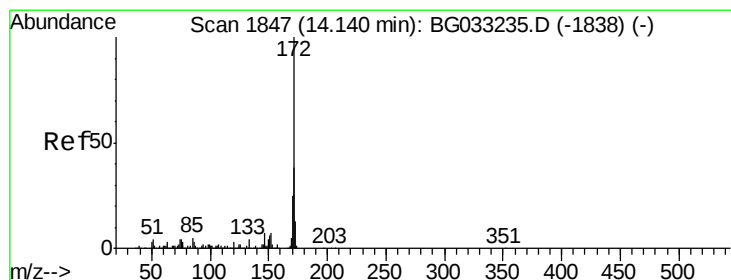
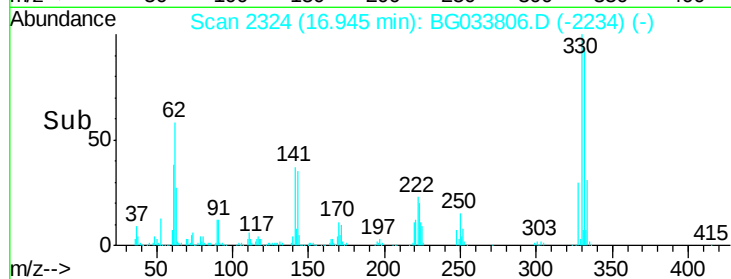
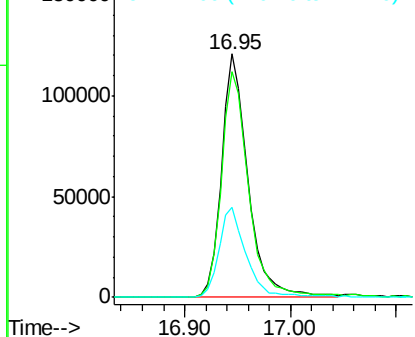
#41
 2,4,6-Tribromophenol
 Concen: 168.761 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 135-348

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.4	25.2	37.8#

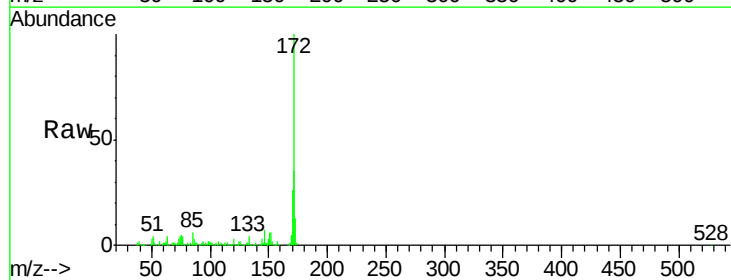


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

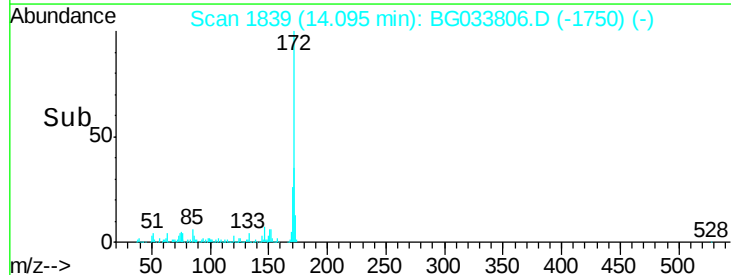
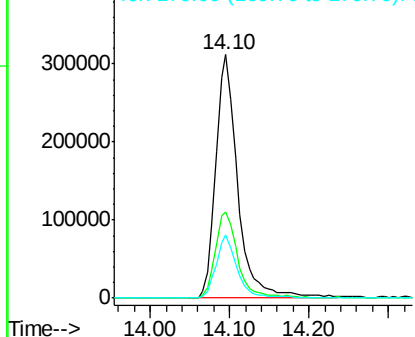


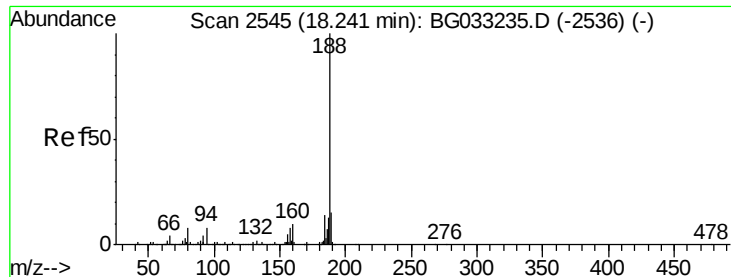
#44
 2-Fluorobiphenyl
 Concen: 103.861 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	26.0	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: 18.20 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

135-348

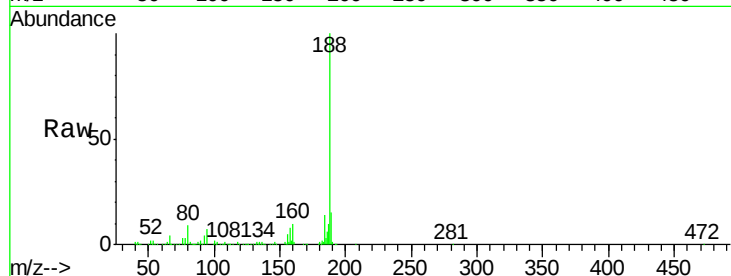
Tot Ion:188 Resp: 251182

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

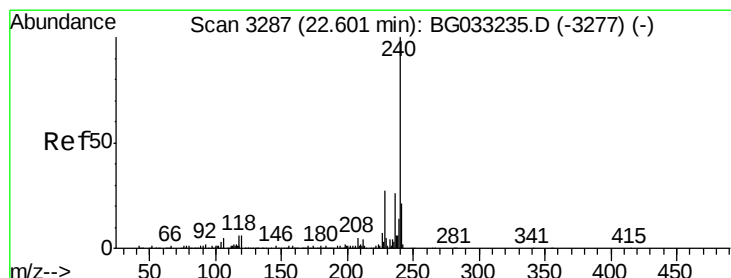
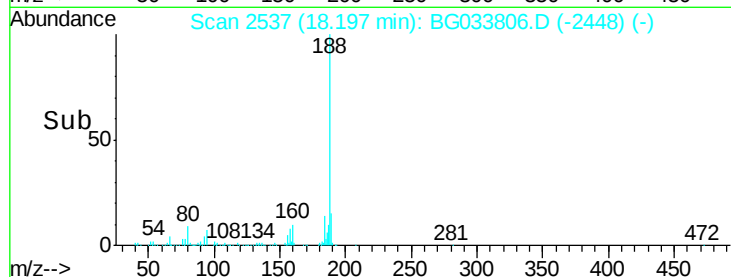
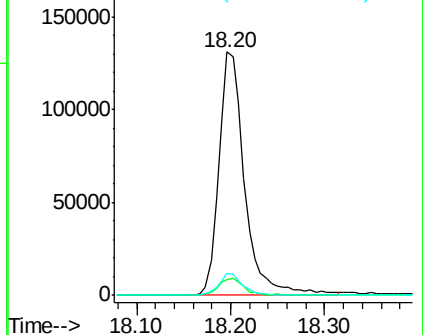
80 9.3 7.7 11.5



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: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

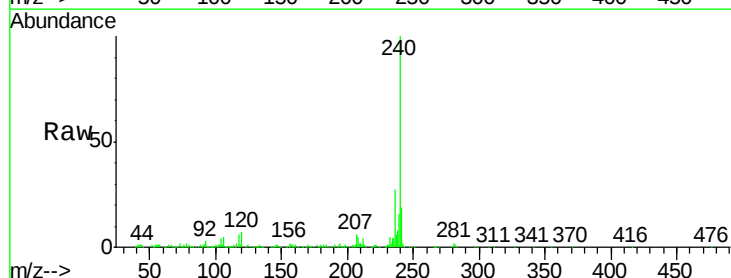
Tgt Ion:240 Resp: 279487

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

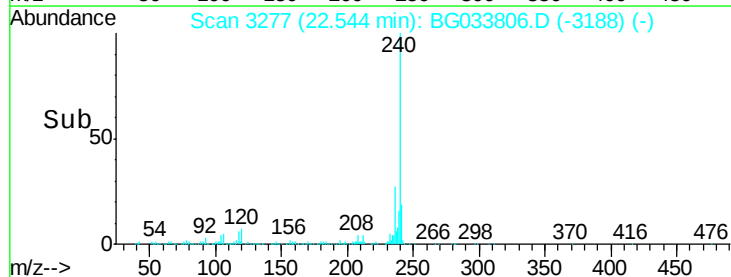
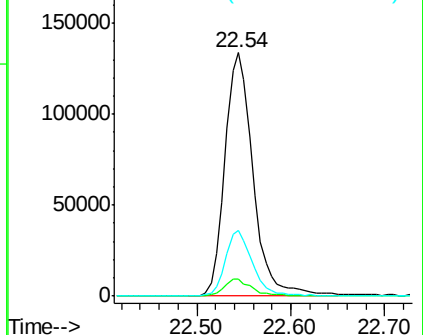
236 26.9 20.9 31.3

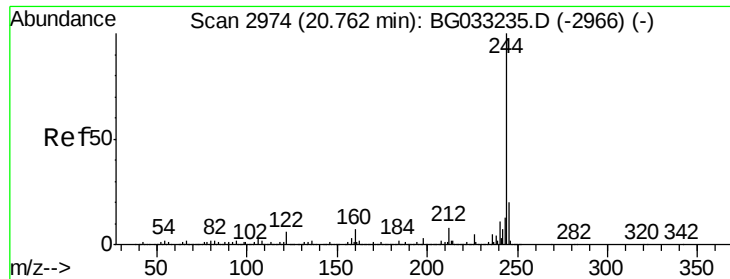


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 110.622 ng

RT: 20.72 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

135-348

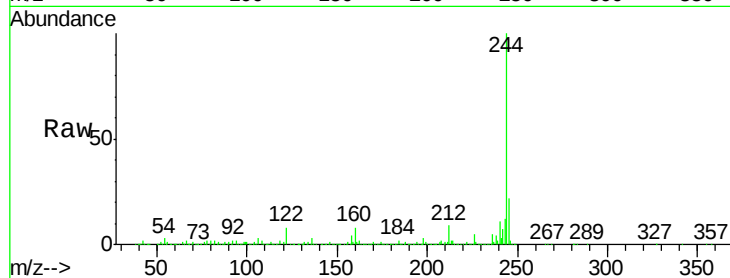
Tot Ion:244 Resp: 1445676

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

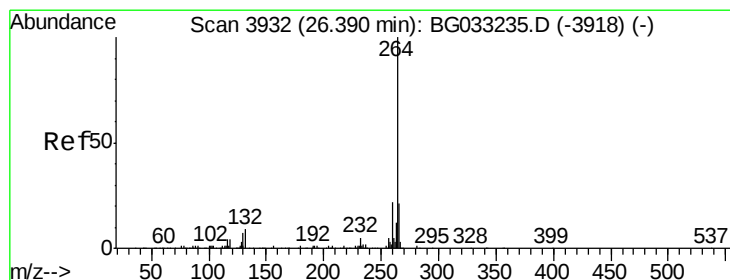
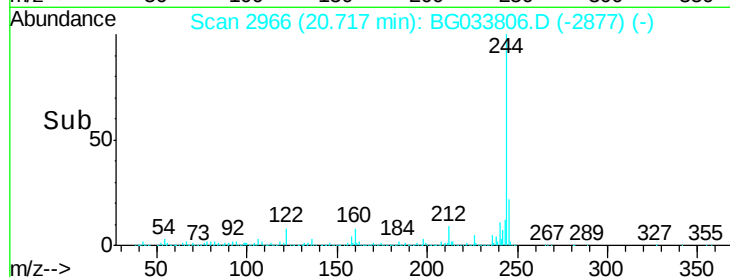
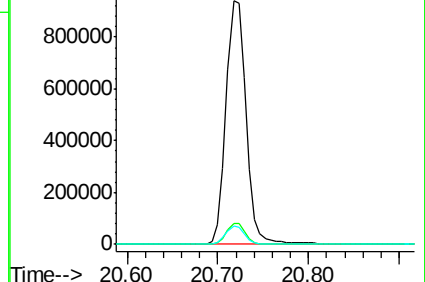
122 7.5 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

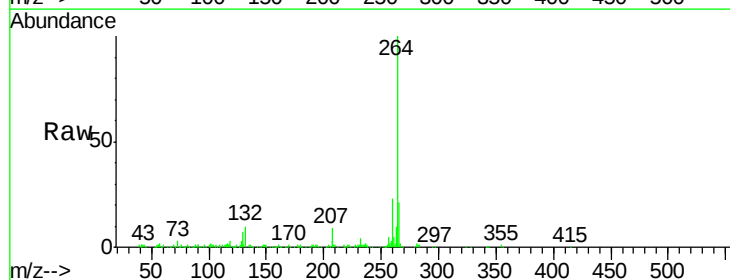
Tgt Ion:264 Resp: 301093

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.1 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

