

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033741.D
 Acq On : 11 Apr 2018 10:02
 Operator : SJ/JU
 Sample : PB108130BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108130BL

Quant Time: Apr 11 12:02:17 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	8.86	152	44229	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	176067	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	120981	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	314153	20.00	ng	0.00
75) Chrysene-d12	22.55	240	345110	20.00	ng	0.00
86) Perylene-d12	26.30	264	367962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	398472	168.94	ng	0.00
7) Phenol-d6	7.97	99	553952	136.68	ng	0.00
23) Nitrobenzene-d5	10.05	82	359088	93.70	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	221251	122.28	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	802014	95.70	ng	0.00
78) Terphenyl-d14	20.72	244	1500576	92.99	ng	0.00

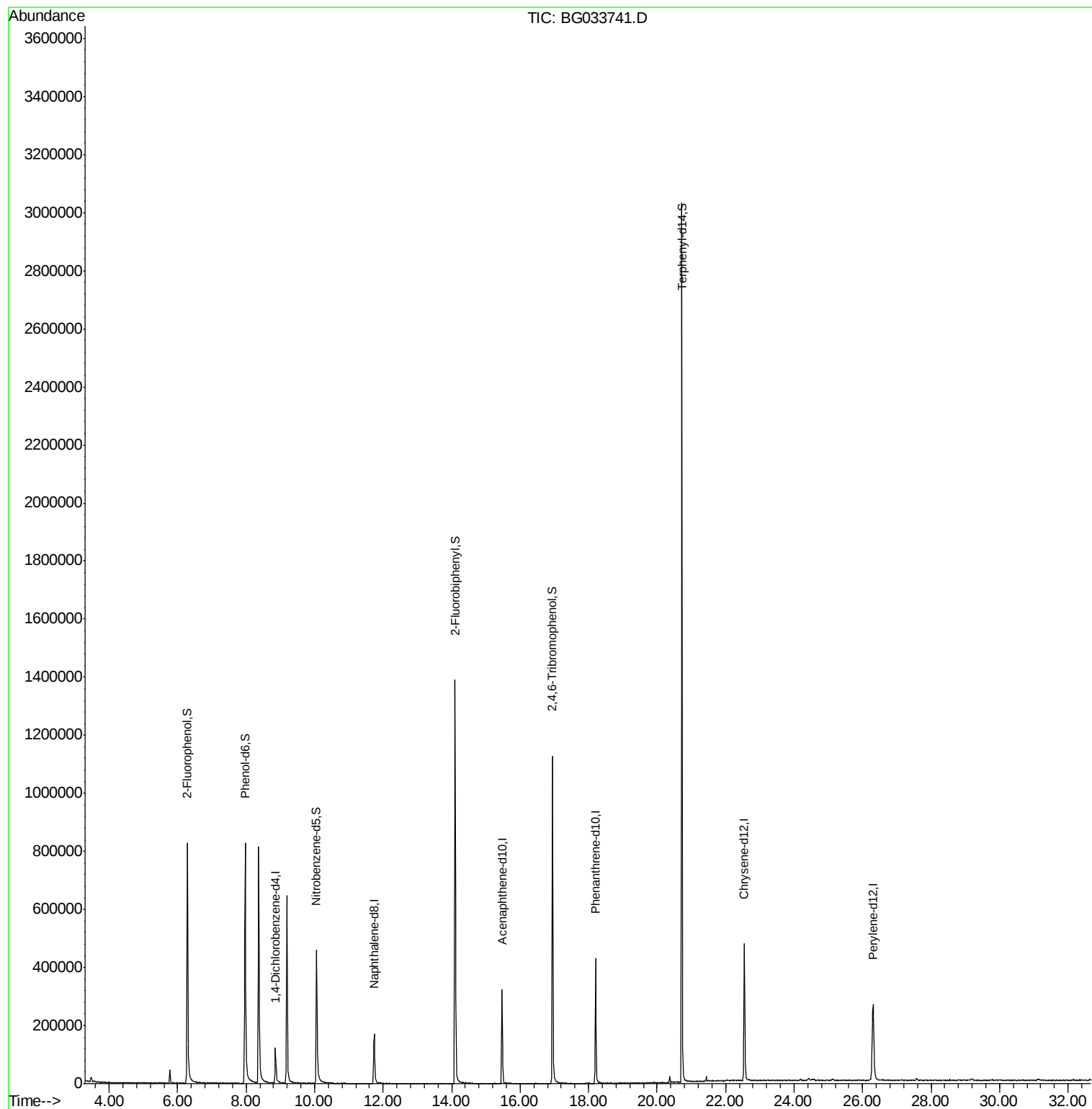
Target Compounds Qvalue

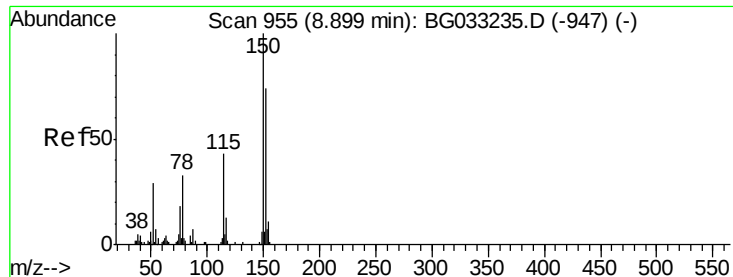
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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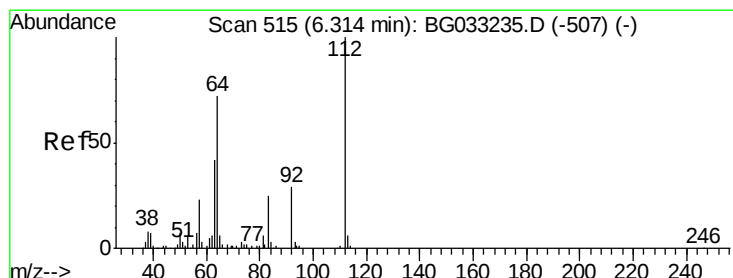
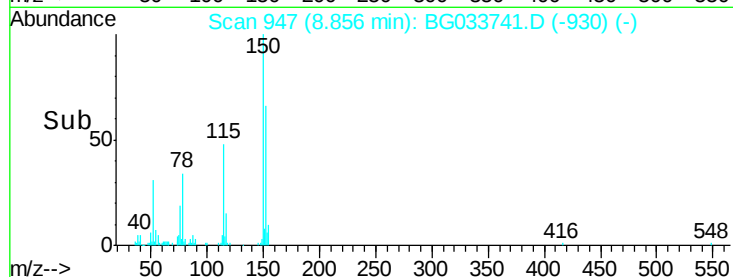
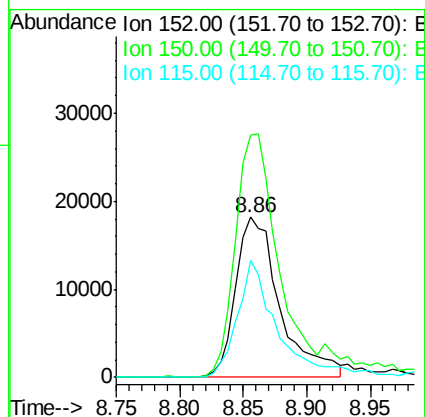
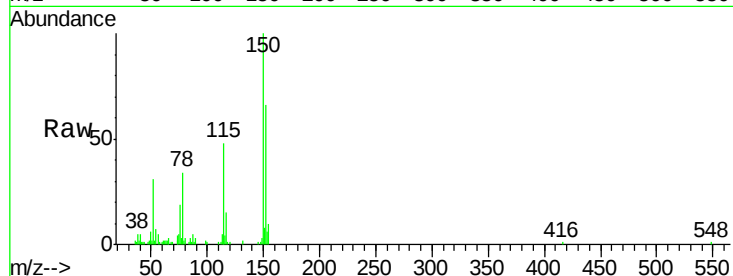


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033741.D
Acq: 11 Apr 2018 10:02

Instrument :
BNA_G
ClientSampleId :
PB108130BL

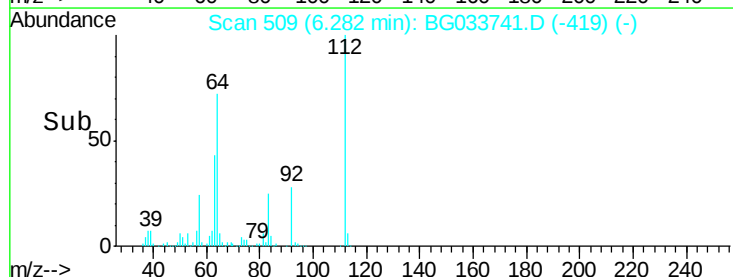
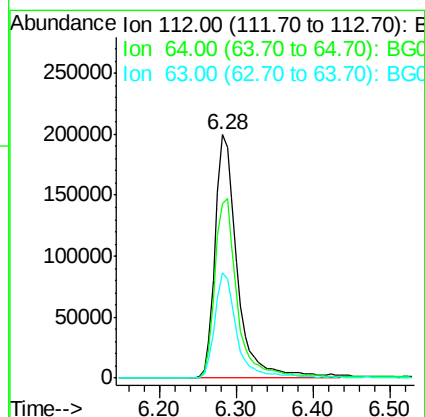
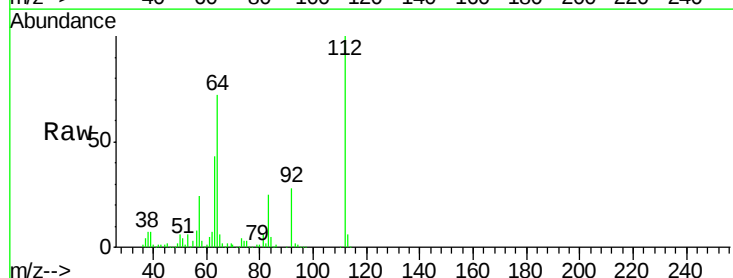
Tot Ion:152 Resp: 44229
Ion Ratio Lower Upper
152 100
150 151.7 126.6 189.8
115 73.3 53.0 79.4

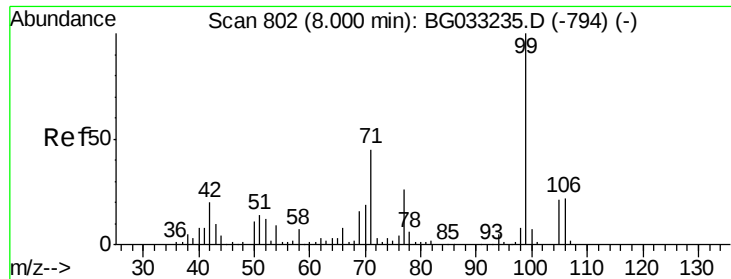


#5

2-Fluorophenol
Concen: 168.935 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033741.D
Acq: 11 Apr 2018 10:02

Tgt Ion:112 Resp: 398472
Ion Ratio Lower Upper
112 100
64 71.9 56.3 84.5
63 43.3 30.1 45.1





#7

Phenol-d6

Concen: 136.684 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

Instrument :

BNA_G

ClientSampleId :

PB108130BL

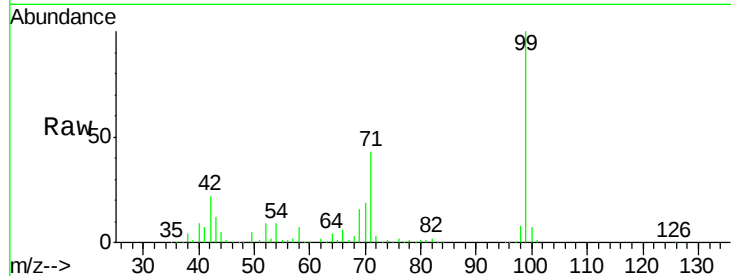
Tot Ion: 99 Resp: 553952

Ion Ratio Lower Upper

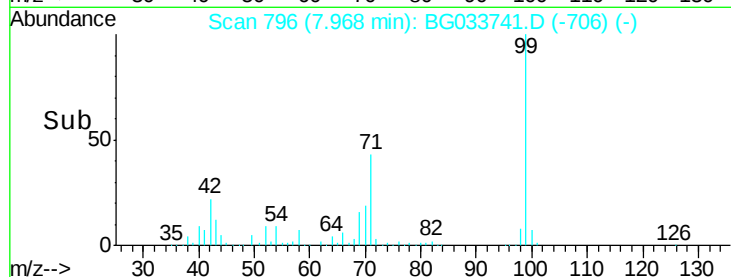
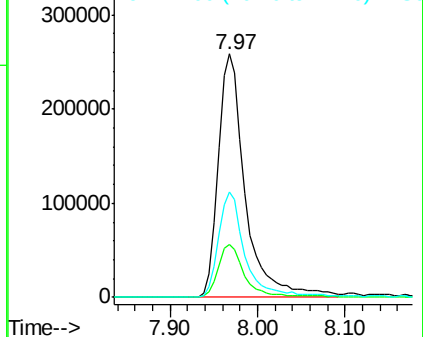
99 100

42 21.6 14.1 21.1#

71 43.2 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: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

Tgt Ion: 136 Resp: 176067

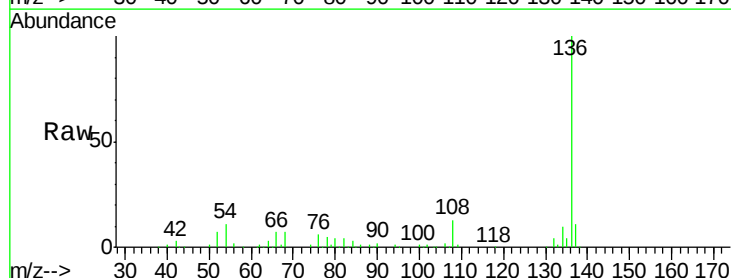
Ion Ratio Lower Upper

136 100

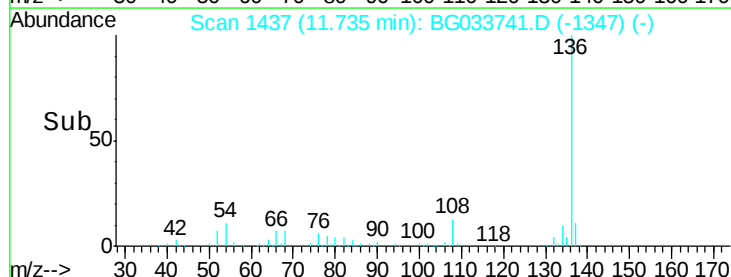
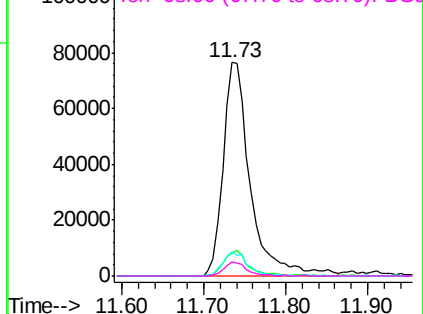
137 10.8 9.2 13.8

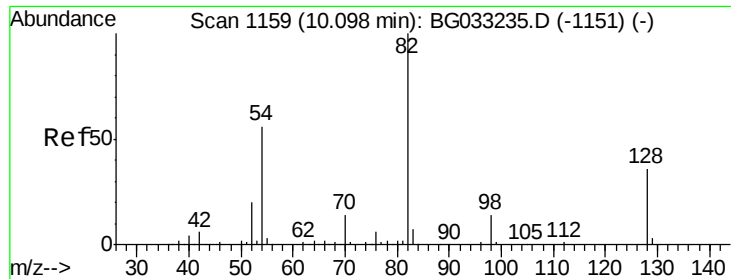
54 11.3 10.3 15.5

68 6.6 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

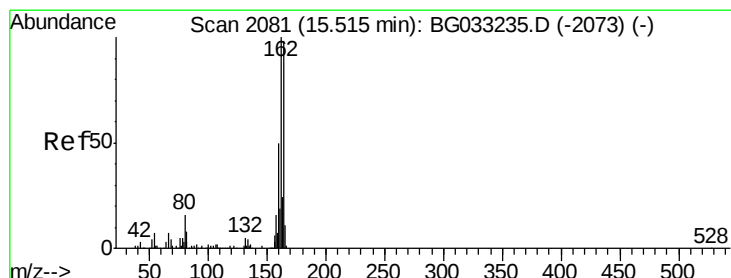
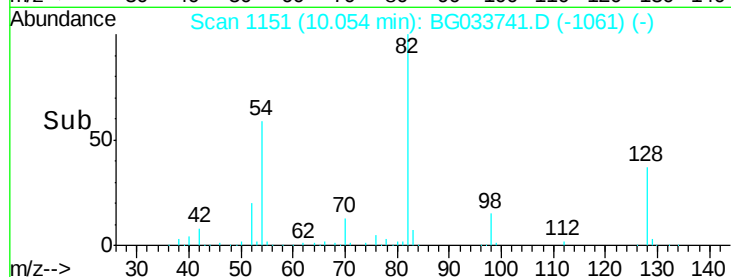
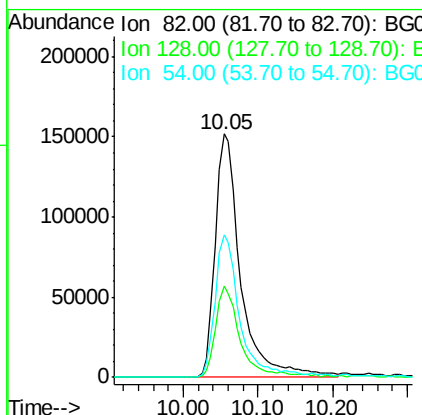
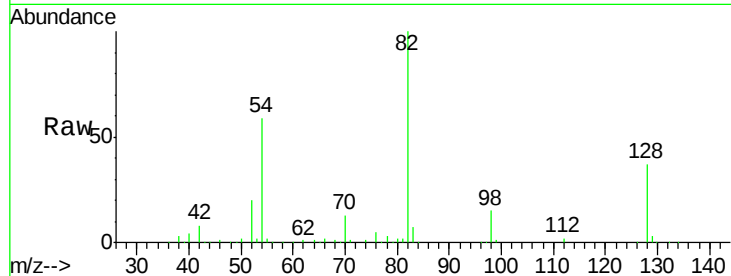




#23
 Nitrobenzene-d5
 Concen: 93.703 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

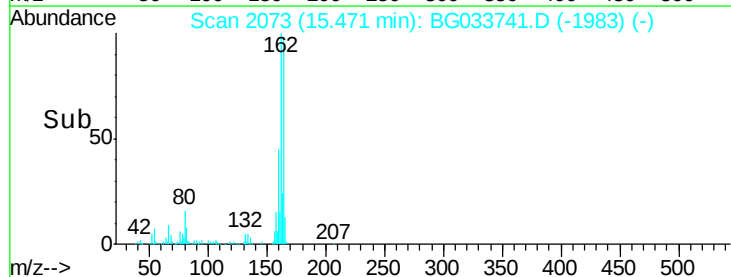
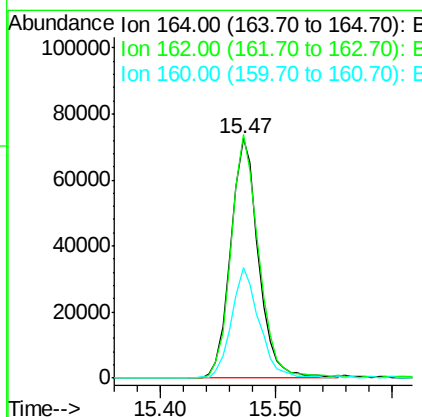
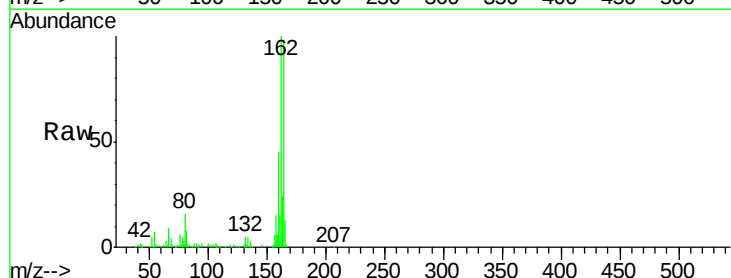
Instrument :
 BNA_G
 ClientSampleId :
 PB108130BL

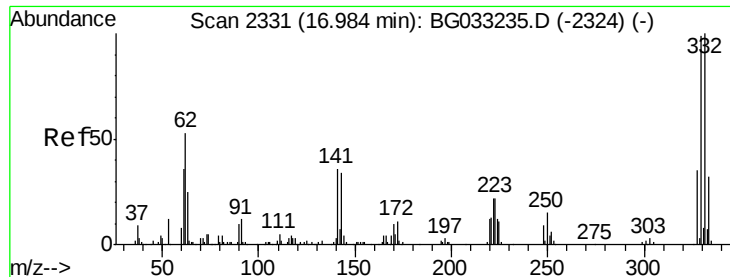
Tot Ion	82	Resp	359088
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.7	44.5
54	58.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

Tgt Ion	164	Resp	120981
Ion Ratio	Lower	Upper	
164	100		
162	101.6	78.8	118.2
160	45.9	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 122.278 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

Instrument :

BNA_G

ClientSampleId :

PB108130BL

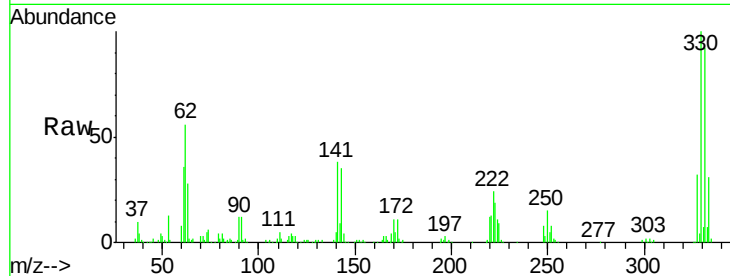
Tot Ion:330 Resp: 221251

Ion Ratio Lower Upper

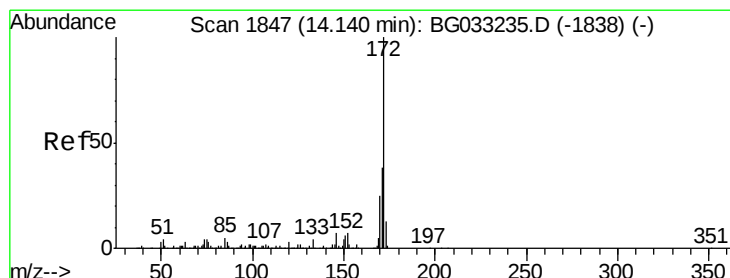
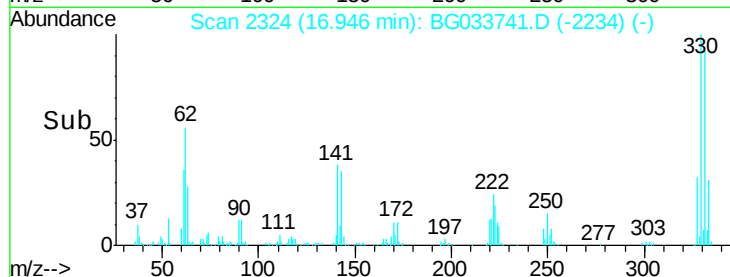
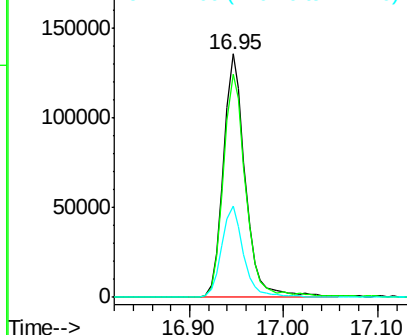
330 100

332 94.2 77.0 115.6

141 37.5 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: 95.702 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

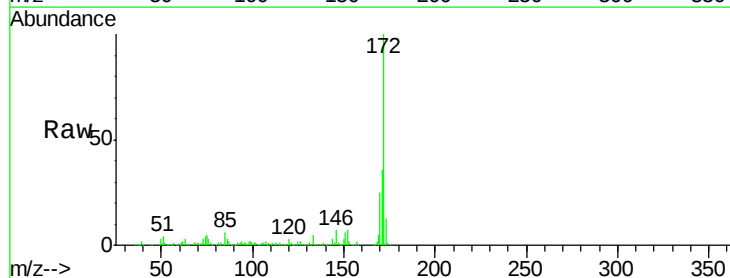
Tgt Ion:172 Resp: 802014

Ion Ratio Lower Upper

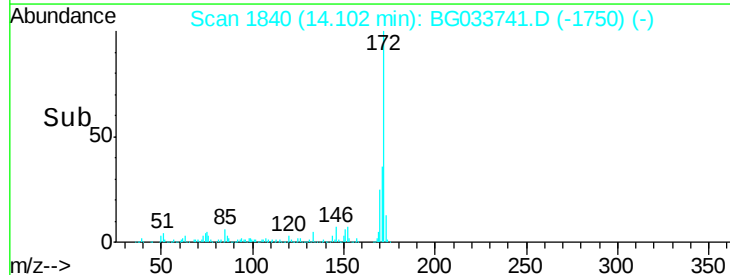
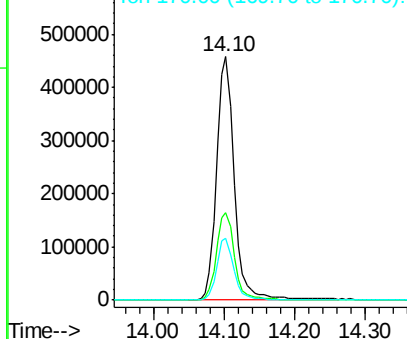
172 100

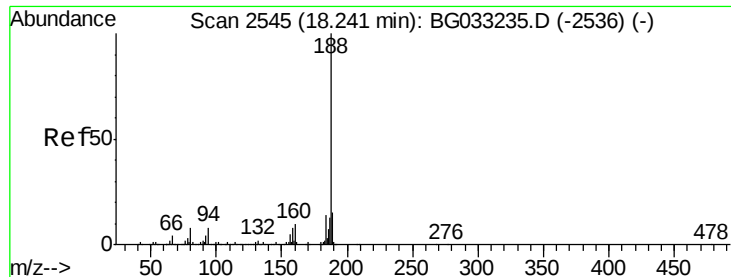
171 36.0 30.0 45.0

170 25.5 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# 2538

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

Instrument :

BNA_G

ClientSampleId :

PB108130BL

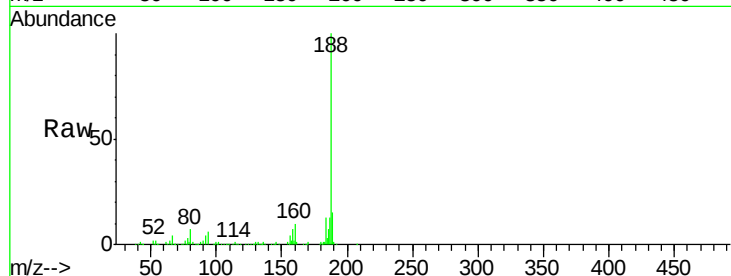
Tot Ion:188 Resp: 314153

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

80 7.5 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

250000

200000

150000

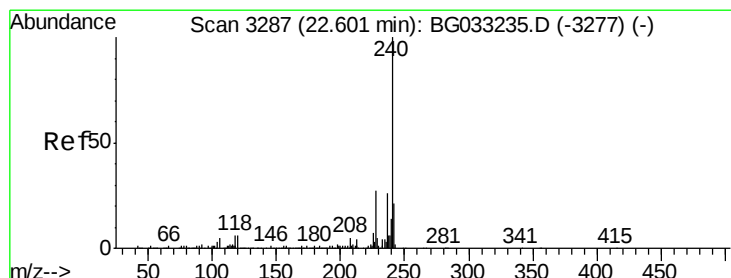
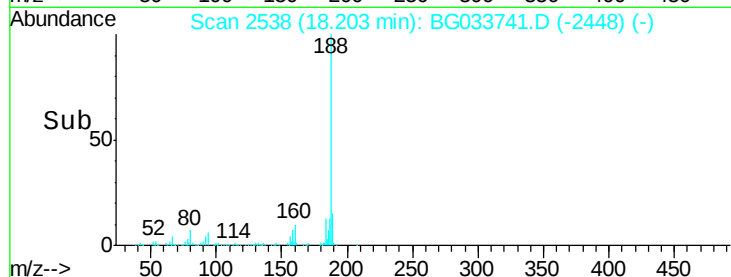
100000

50000

0

18.10 18.20 18.30 18.40

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

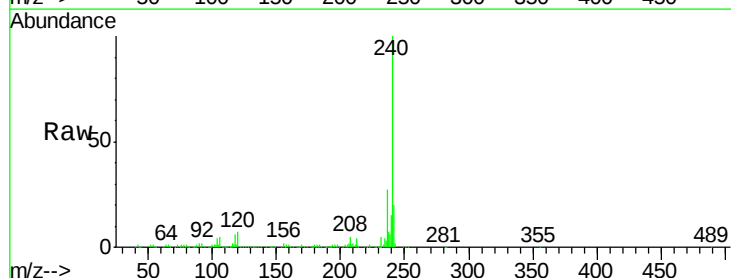
Tgt Ion:240 Resp: 345110

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

236 27.4 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

200000

150000

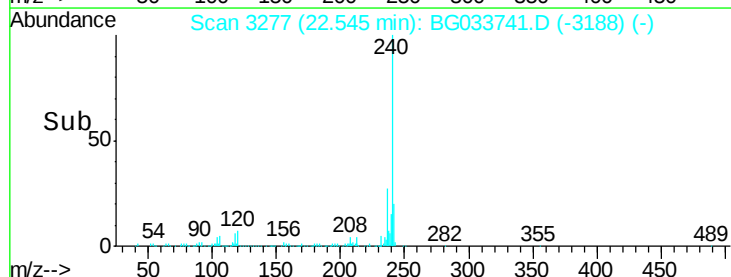
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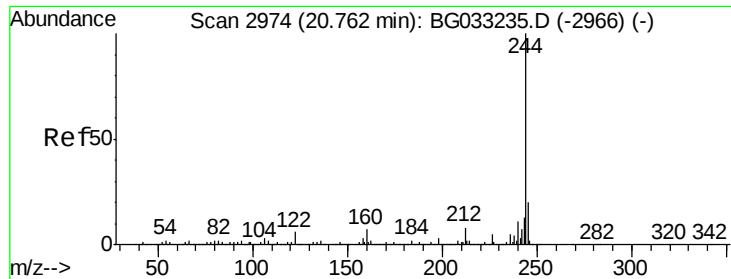
50000

0

22.40 22.50 22.60 22.70

Time-->





#78

Terphenyl-d14

Concen: 92.989 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

Instrument :

BNA_G

ClientSampleId :

PB108130BL

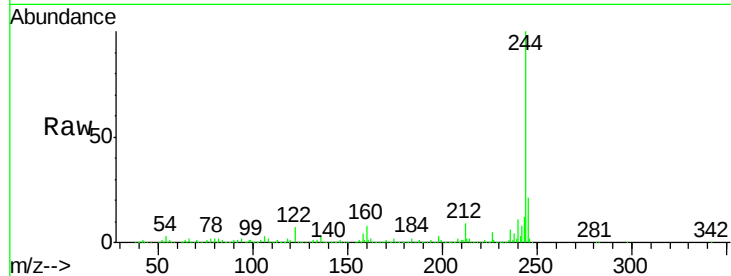
Tot Ion:244 Resp: 1500576

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

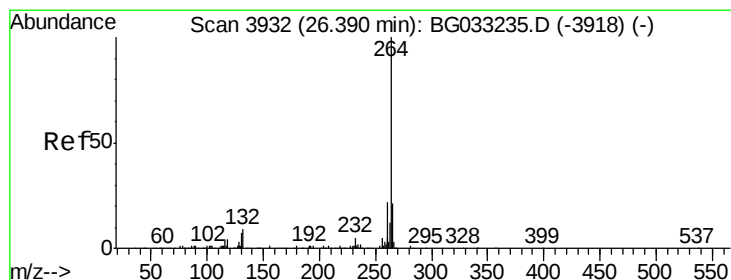
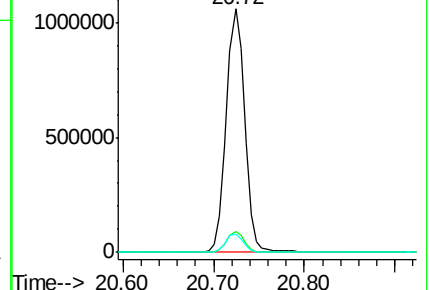
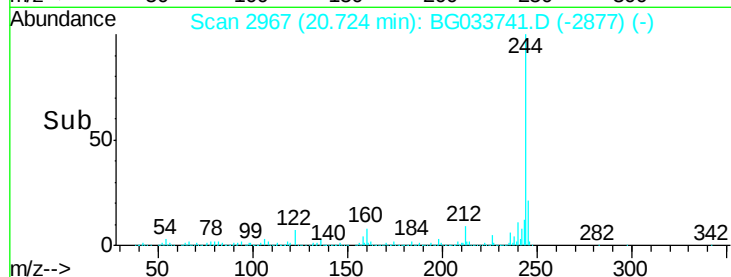
122 7.4 7.0 10.4



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: 26.30 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

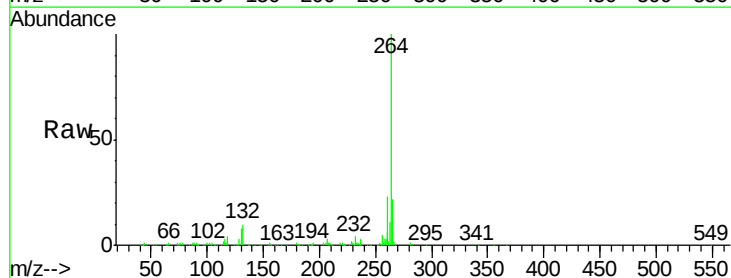
Tgt Ion:264 Resp: 367962

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.0 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

