

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033556.D
 Acq On : 4 Apr 2018 12:41
 Operator : SJ/JU
 Sample : PB107838BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107838BL

Manual Integrations
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 4/6/2018 5:29:25 PM

Quant Time: Apr 04 18:48:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27861	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	132530	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	107508	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	306586	20.00	ng	0.00
75) Chrysene-d12	22.56	240	321341	20.00	ng	0.00
86) Perylene-d12	26.33	264	328747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	270252	181.89	ng	0.00
7) Phenol-d6	7.98	99	418969	164.11	ng	0.00
23) Nitrobenzene-d5	10.06	82	251655	87.24	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	208529	129.69	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	662716	88.99	ng	0.00
78) Terphenyl-d14	20.73	244	1338906	89.11	ng	0.00

Target Compounds Qvalue

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

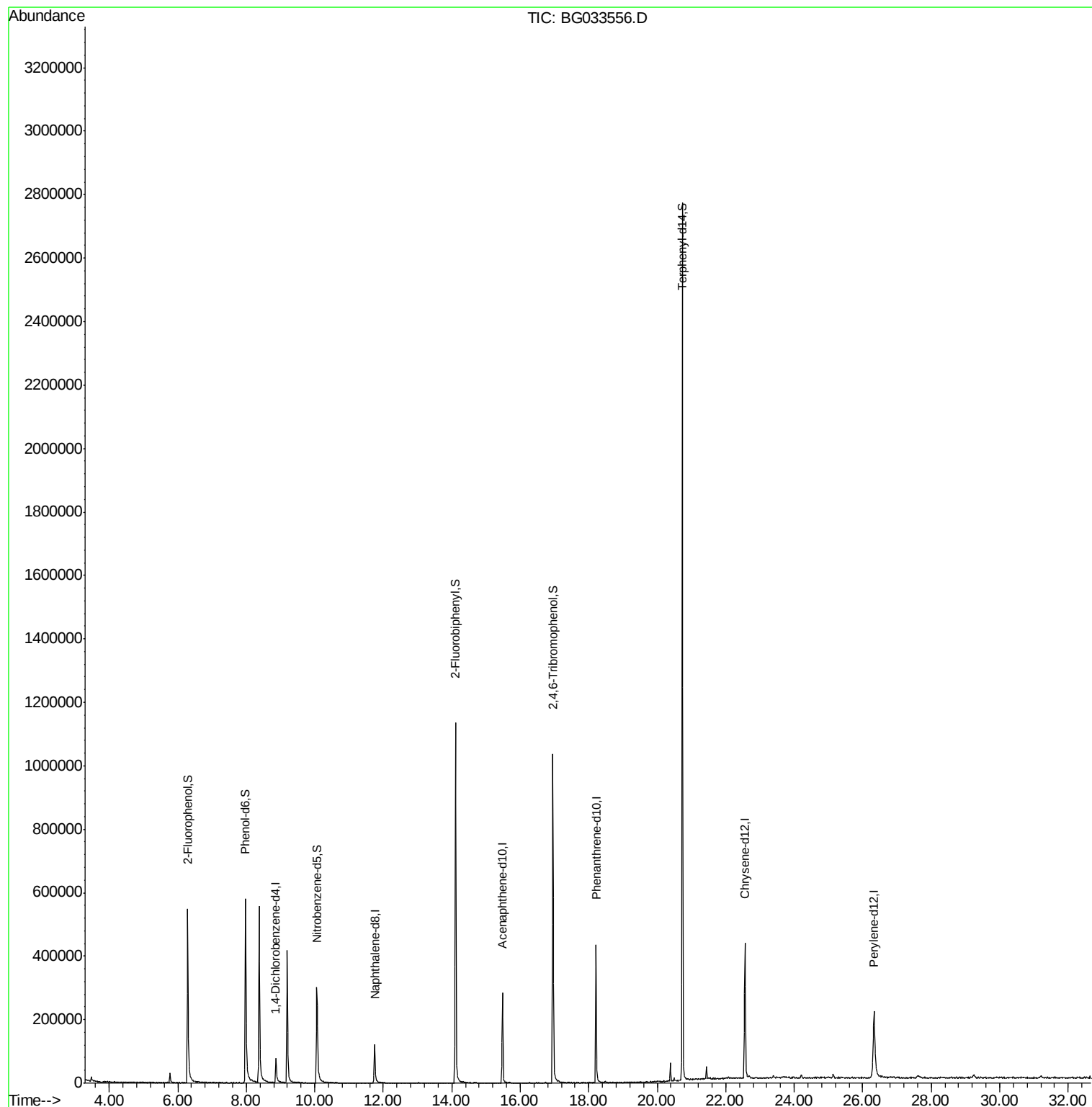
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
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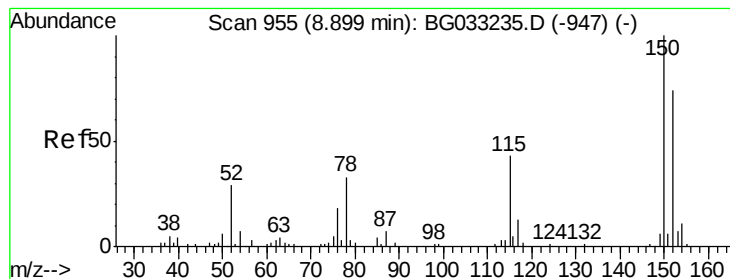
Instrument :
BNA_G
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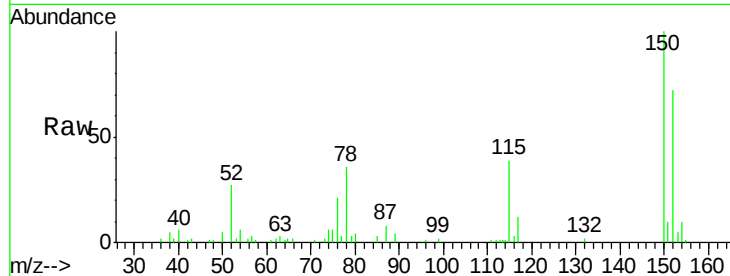
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB107838BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.8	126.6	189.8
115	54.7	53.0	79.4

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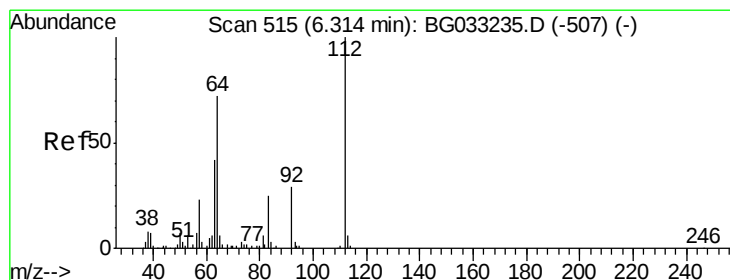
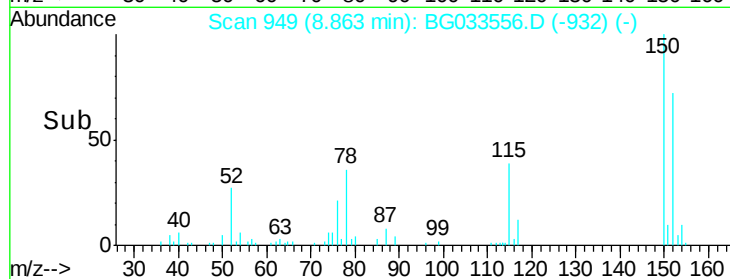
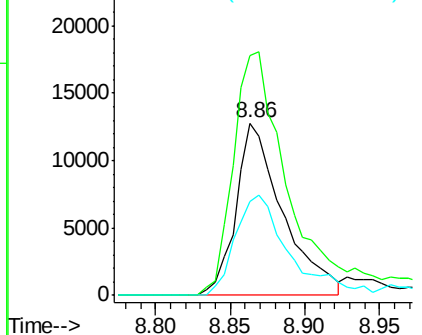


Abundance

Ion 152.00 (151.70 to 152.70): E

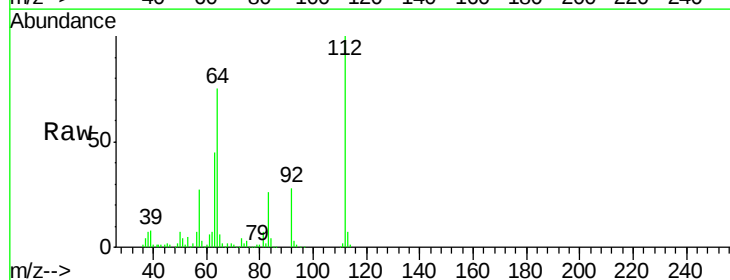
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 181.887 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	44.5	30.1	45.1

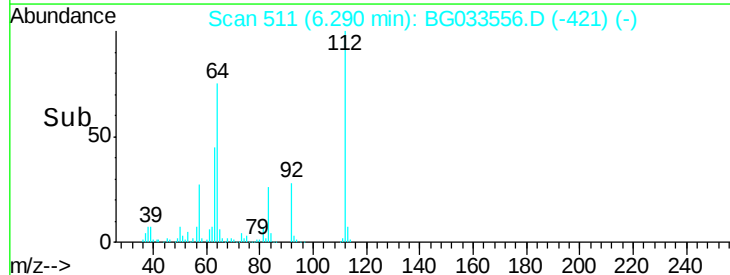
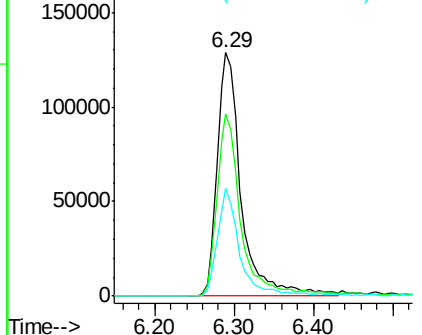


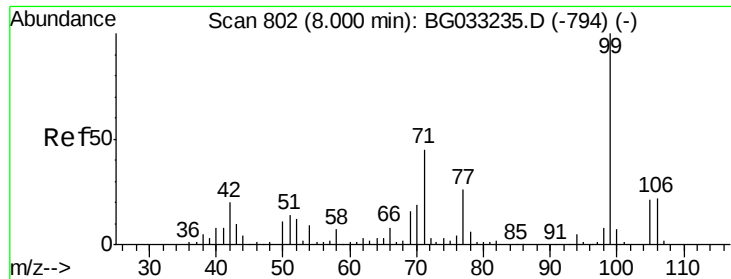
Abundance

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: 164.112 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

Instrument :

BNA_G

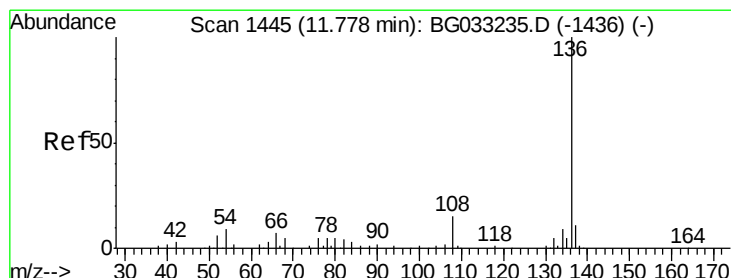
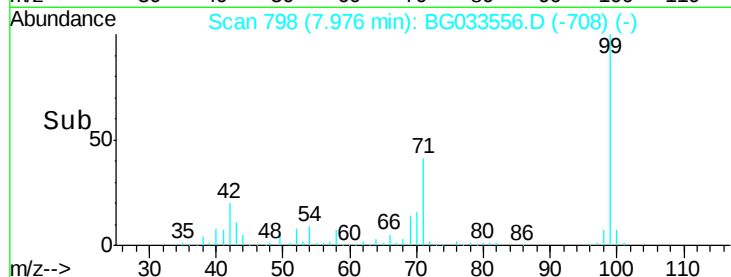
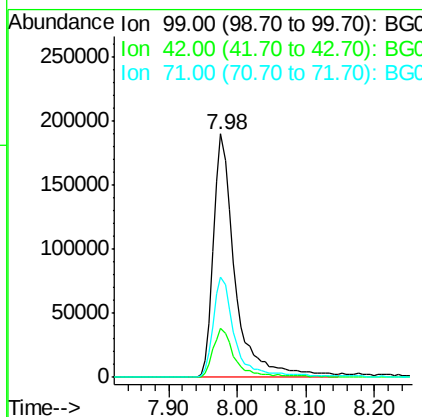
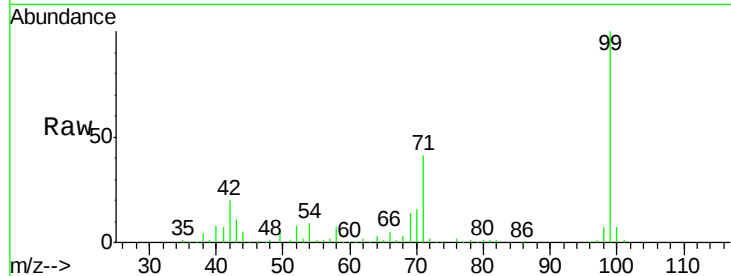
ClientSampleId :

PB107838BL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		418969		
42	20.0	14.1	21.1		
71	41.1	26.1	39.1#		

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#21

Naphthalene-d8

Concen: 20.000 ng

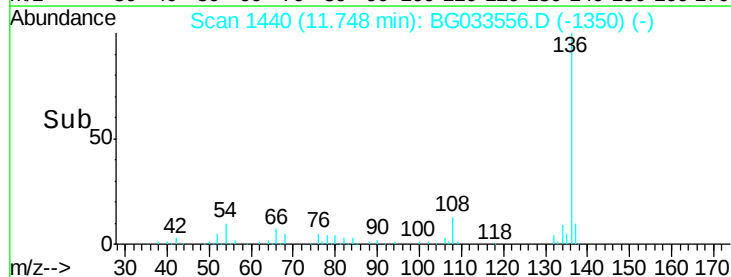
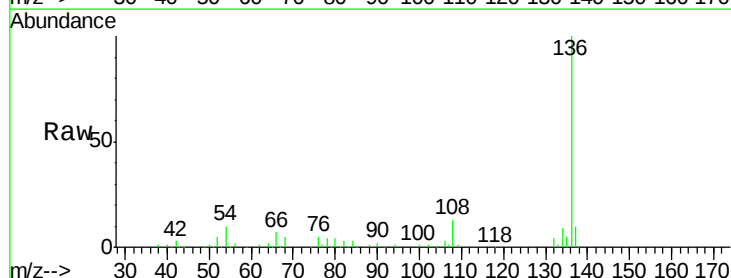
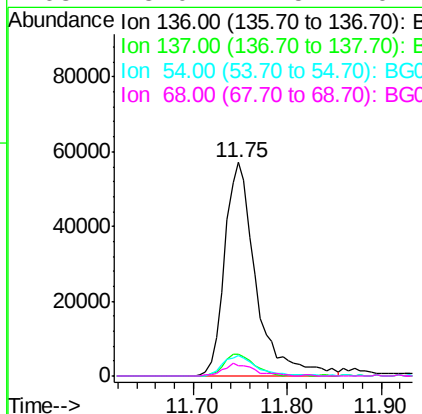
RT: 11.75 min Scan# 1440

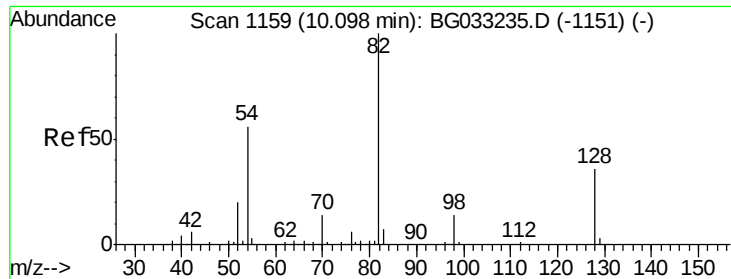
Delta R.T. -0.00 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		132530		
137	10.4	9.2	13.8		
54	9.9	10.3	15.5#		
68	5.0	4.5	6.7		





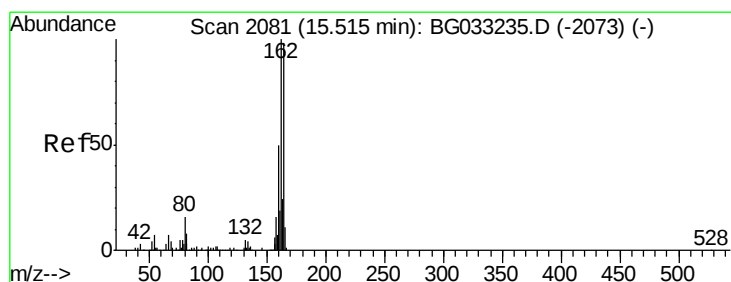
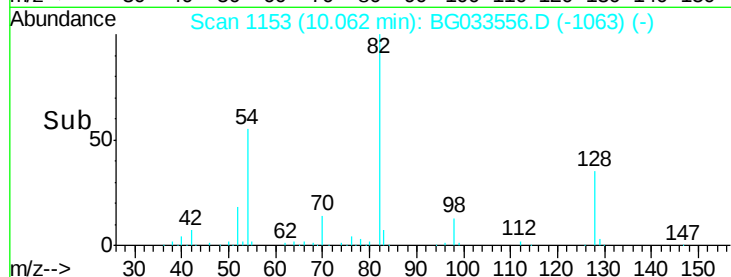
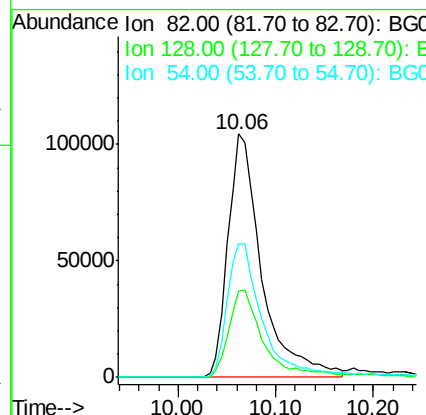
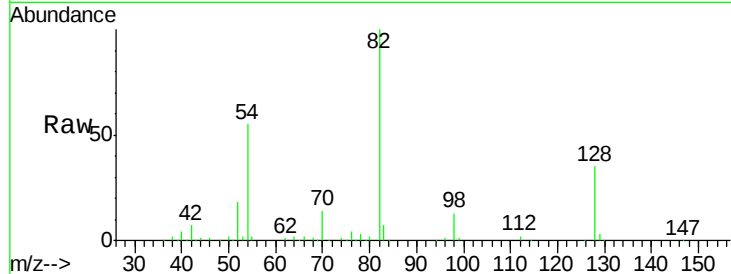
#23
 Nitrobenzene-d5
 Concen: 87.241 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB107838BL

Tot Ion	82	Resp	251655
Ion Ratio	100	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	55.1	43.1	64.7

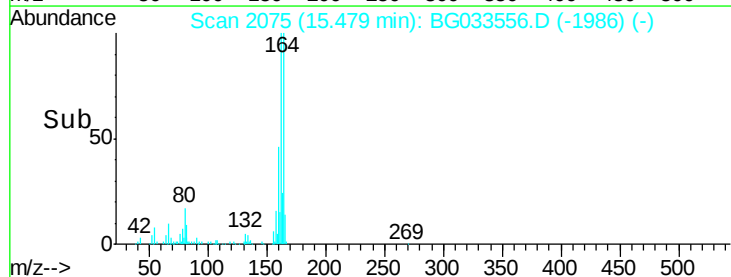
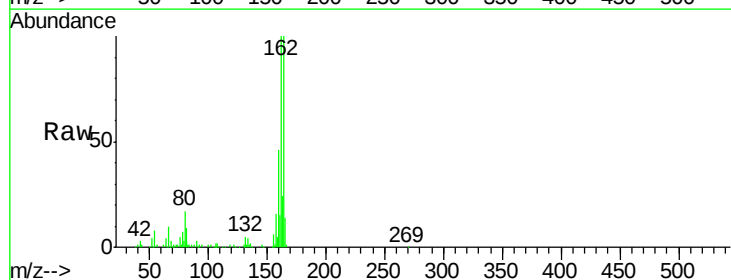
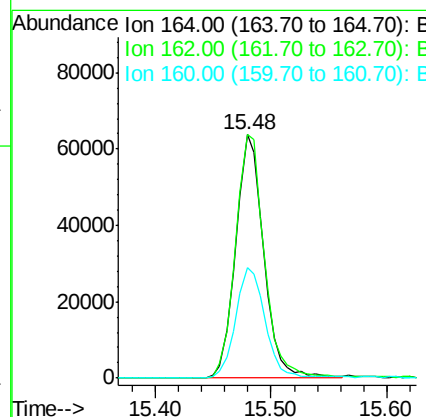
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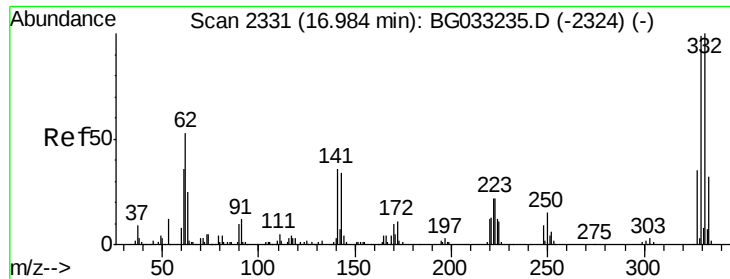
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Tgt Ion	164	Resp	107508
Ion Ratio	100	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	45.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 129.690 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

Instrument :

BNA_G

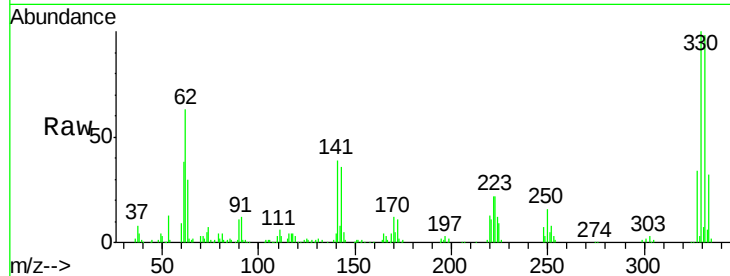
ClientSampleId :

PB107838BL

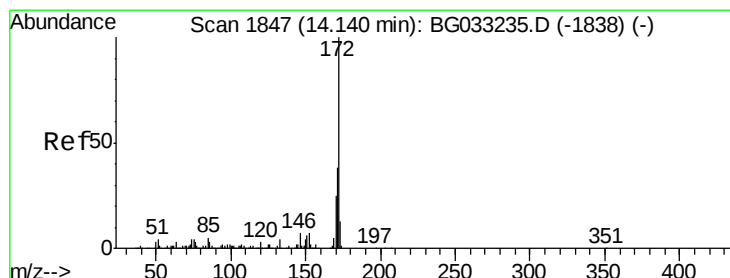
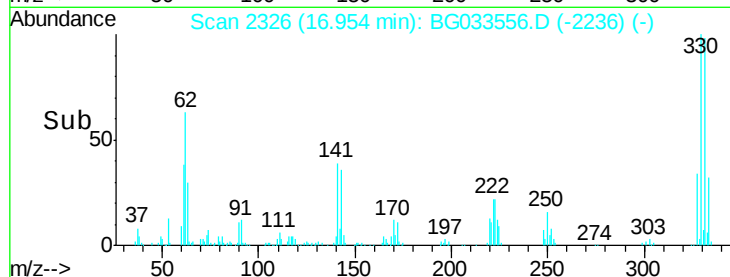
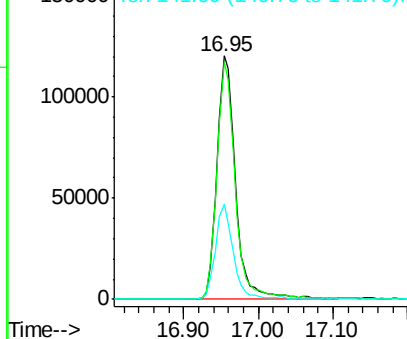
Tot Ion:	330	Resp:	208529
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	36.8	25.2	37.8

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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: 88.991 ng

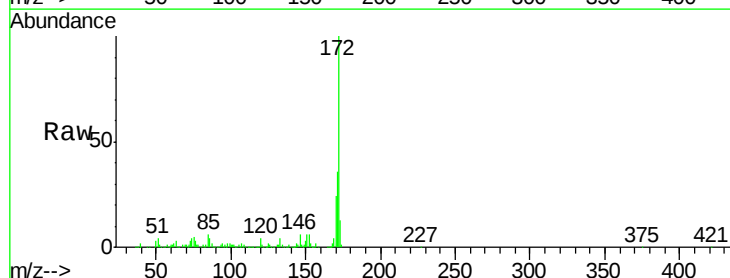
RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

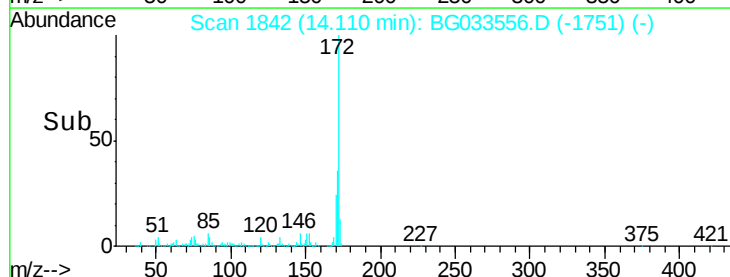
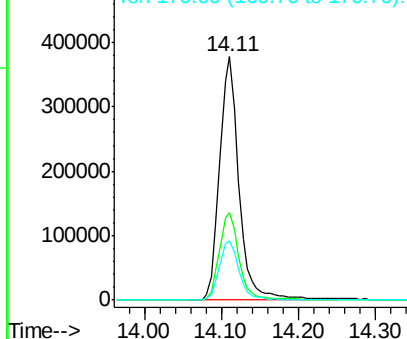
Lab File: BG033556.D

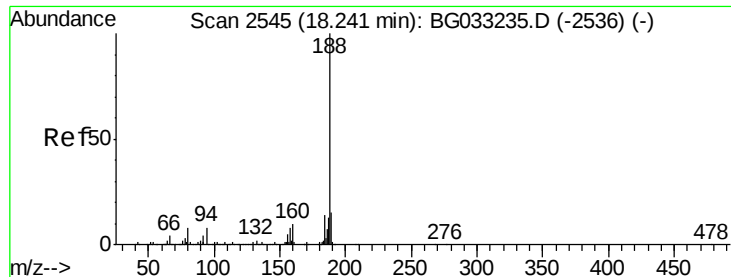
Acq: 4 Apr 2018 12:41

Tgt Ion:	172	Resp:	662716
Ion Ratio	Lower	Upper	
172	100		
171	36.0	30.0	45.0
170	24.3	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: BG033556.D

Acq: 4 Apr 2018 12:41

Instrument :

BNA_G

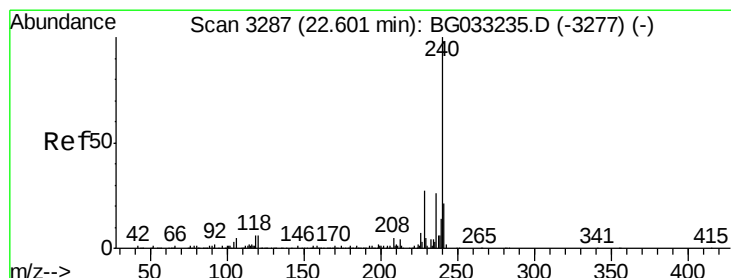
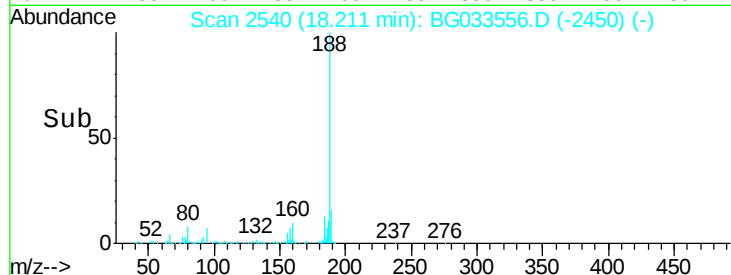
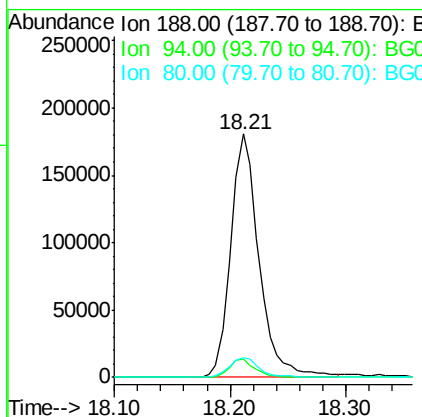
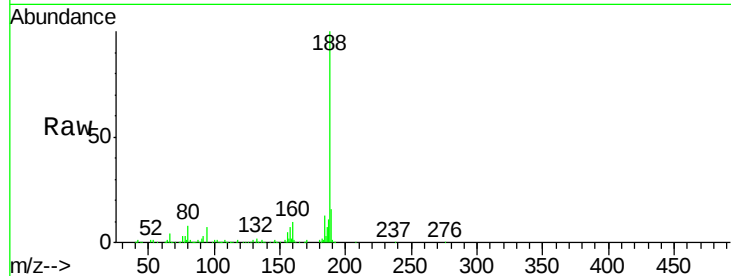
ClientSampleId :

PB107838BL

Tot Ion:	188	Resp:	306586
Ion Ratio	Lower	Upper	
188	100		
94	7.5	6.9	10.3
80	7.8	7.7	11.5

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#75

Chrysene-d12

Concen: 20.000 ng

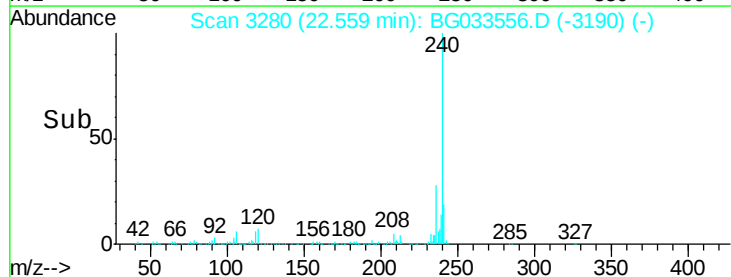
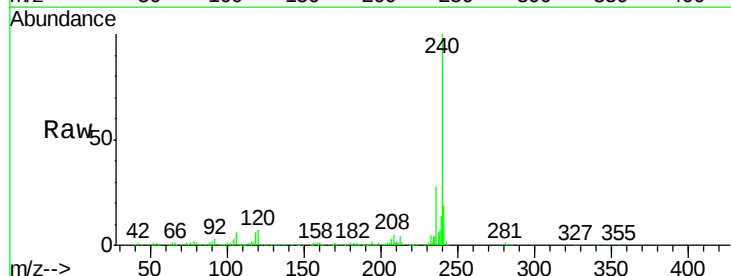
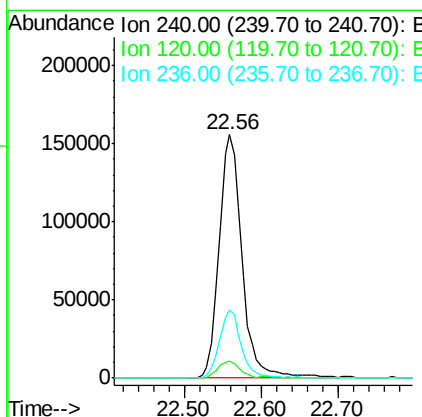
RT: 22.56 min Scan# 3280

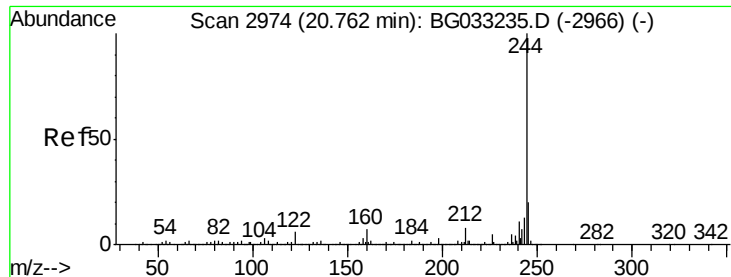
Delta R.T. -0.00 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

Tgt Ion:	240	Resp:	321341
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.8	10.2
236	28.1	20.9	31.3





#78

Terphenyl-d14

Concen: 89.108 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

Instrument :

BNA_G

ClientSampleId :

PB107838BL

Tot Ion:244 Resp: 1338906

Ion Ratio Lower Upper

244 100

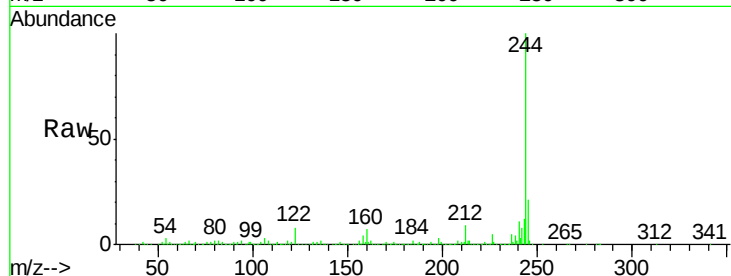
212 8.7 5.8 8.8

122 7.7 7.0 10.4

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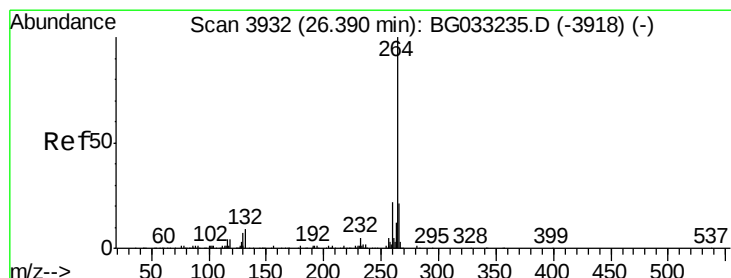
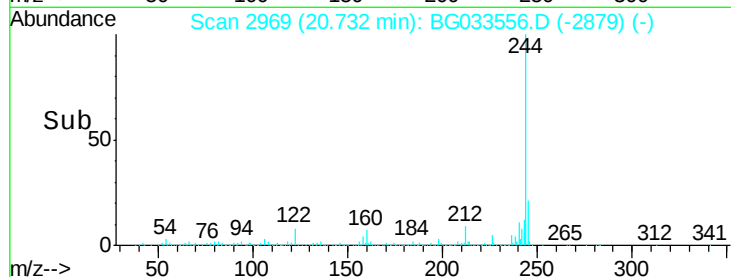
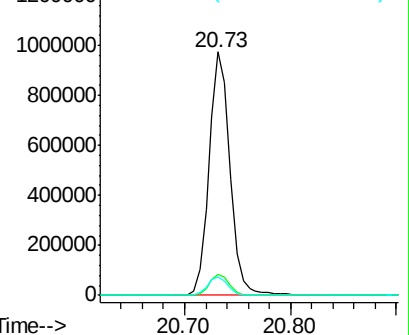
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Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.01 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

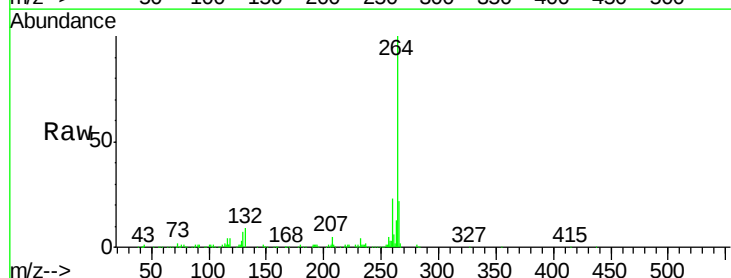
Tgt Ion:264 Resp: 328747

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.1 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

