

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033428.D
 Acq On : 29 Mar 2018 20:12
 Operator : SJ/JU
 Sample : J1754-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-E

Quant Time: Mar 30 07:57:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	29828	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	129896	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	103169	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	314319	20.00	ng	0.00
75) Chrysene-d12	22.56	240	347971	20.00	ng	0.00
86) Perylene-d12	26.33	264	372938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	268400	168.73	ng	0.00
7) Phenol-d6	7.98	99	350604	128.28	ng	0.00
23) Nitrobenzene-d5	10.06	82	307575	108.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	290338	188.16	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	753570	105.45	ng	0.00
78) Terphenyl-d14	20.73	244	1720935	105.77	ng	0.00

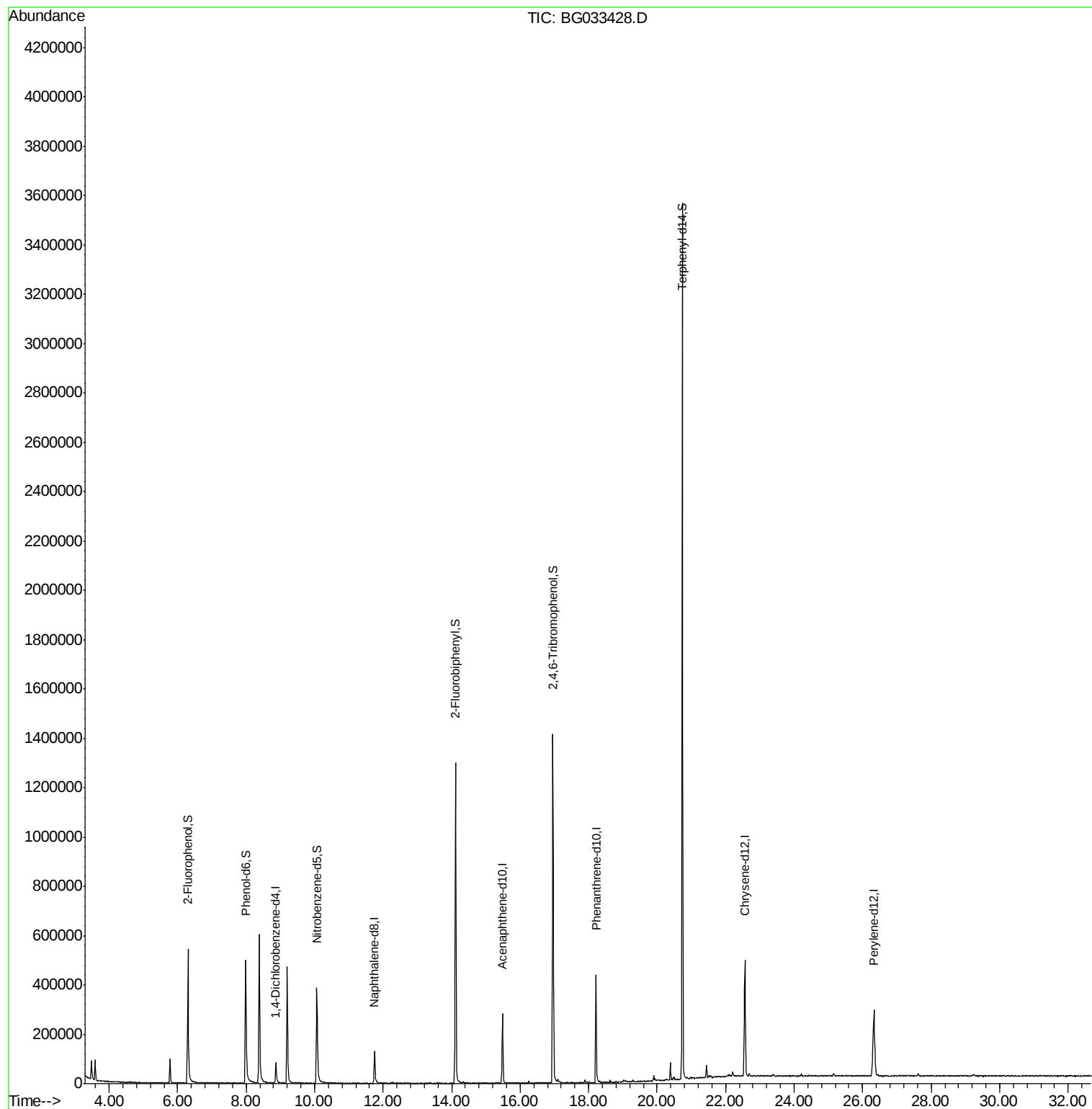
Target Compounds Qvalue

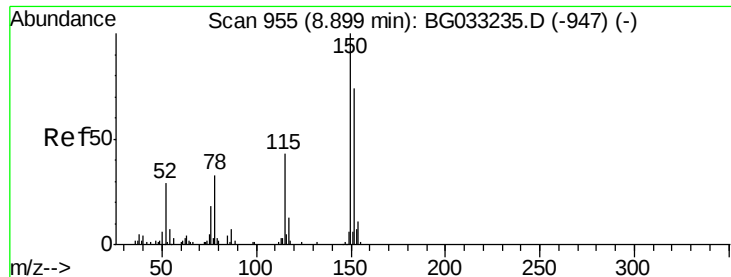
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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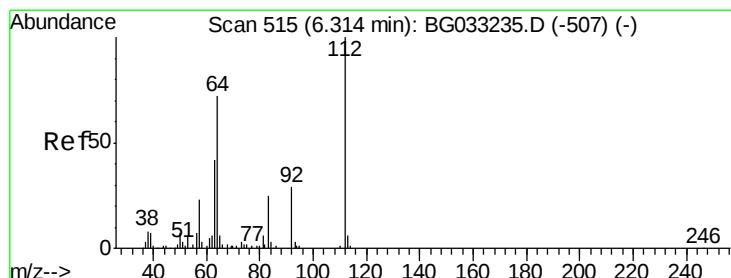
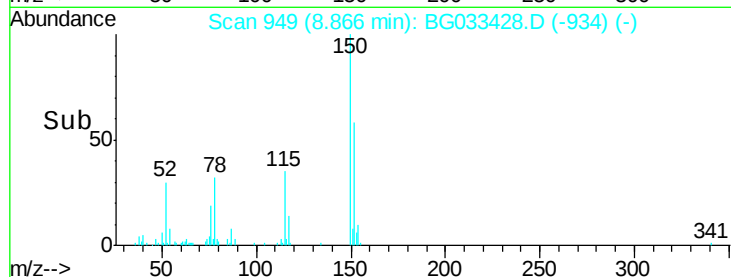
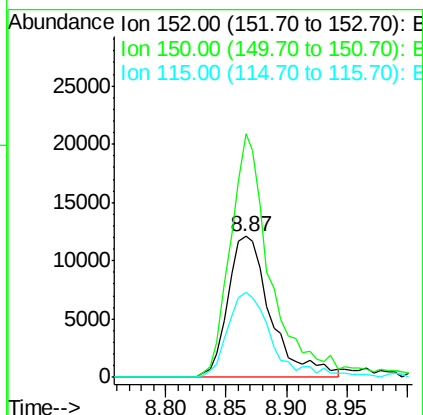
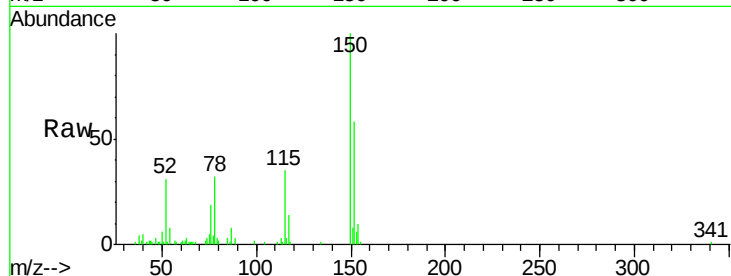


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033428.D
Acq: 29 Mar 2018 20:12

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-E

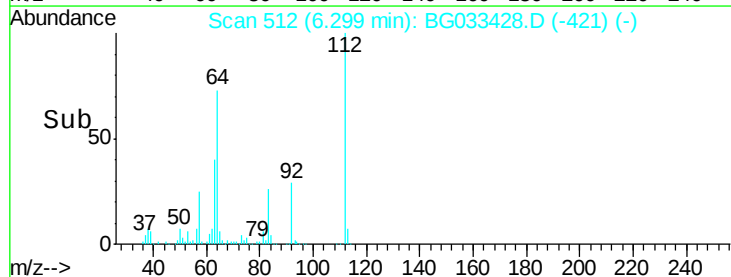
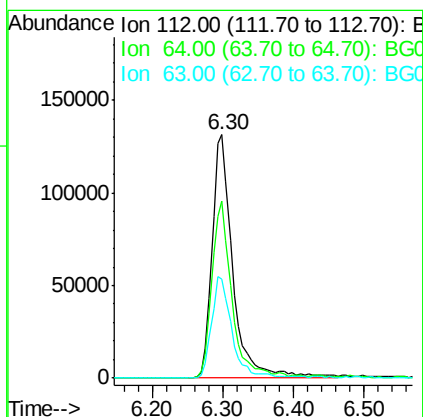
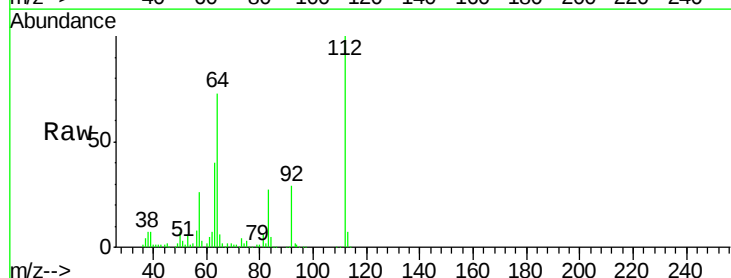
Tot Ion:152 Resp: 29828
Ion Ratio Lower Upper
152 100
150 172.6 126.6 189.8
115 60.1 53.0 79.4

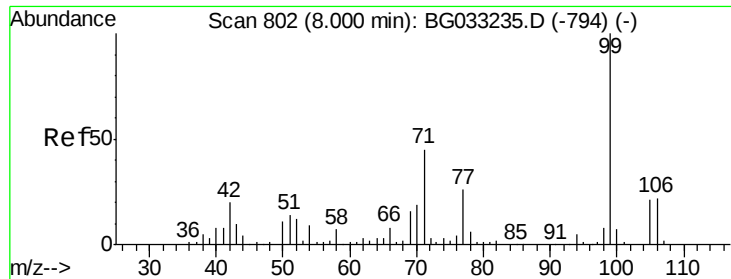


#5

2-Fluorophenol
Concen: 168.728 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033428.D
Acq: 29 Mar 2018 20:12

Tgt Ion:112 Resp: 268400
Ion Ratio Lower Upper
112 100
64 72.8 56.3 84.5
63 40.4 30.1 45.1





#7

Phenol-d6

Concen: 128.276 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-E

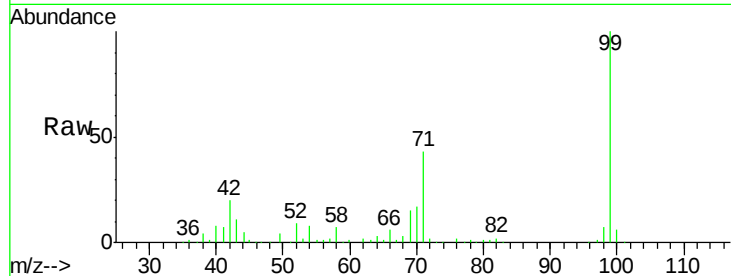
Tot Ion: 99 Resp: 350604

Ion Ratio Lower Upper

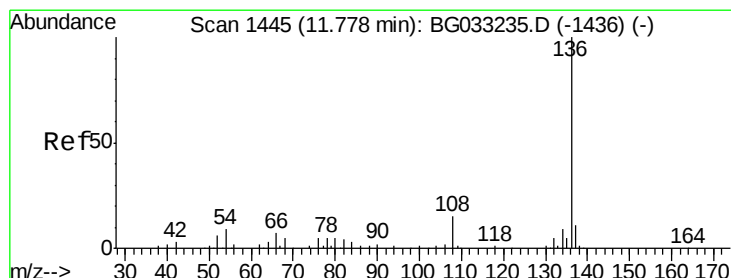
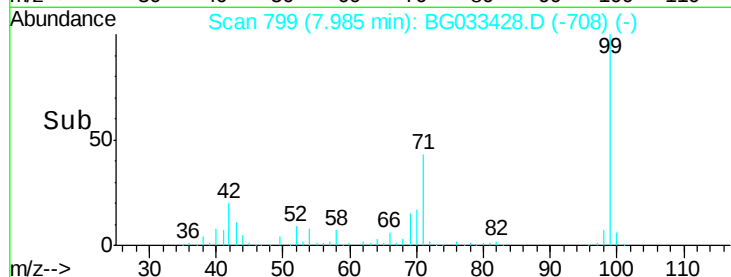
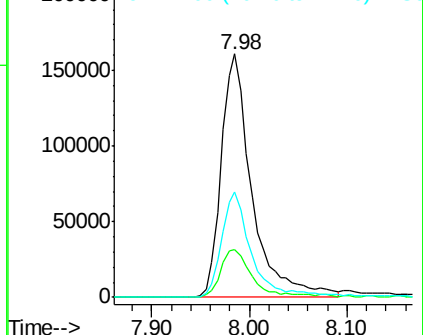
99 100

42 19.8 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: 11.75 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

Tgt Ion: 136 Resp: 129896

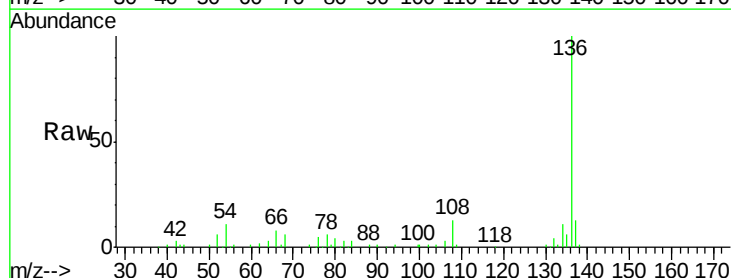
Ion Ratio Lower Upper

136 100

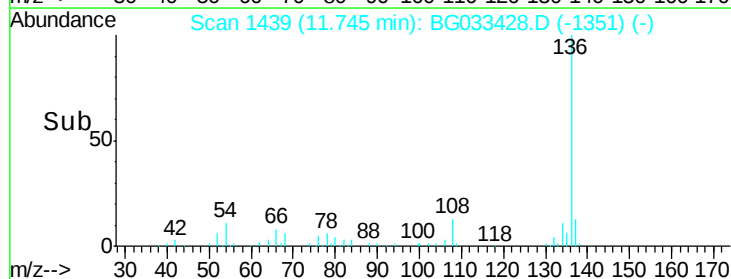
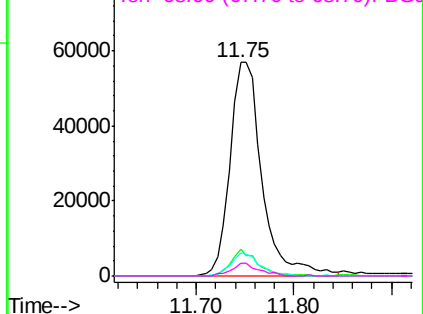
137 12.5 9.2 13.8

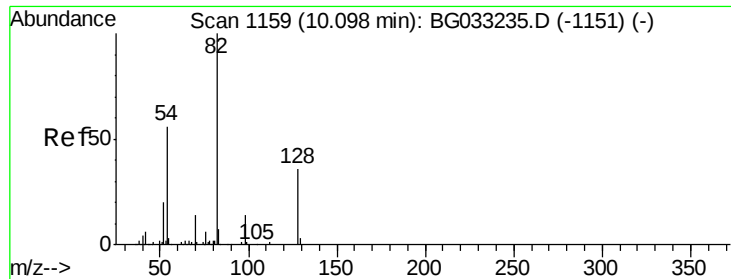
54 10.7 10.3 15.5

68 6.1 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

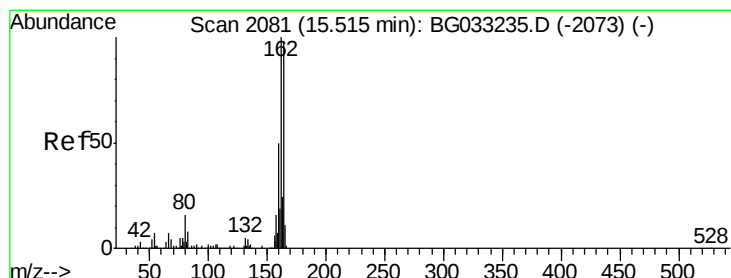
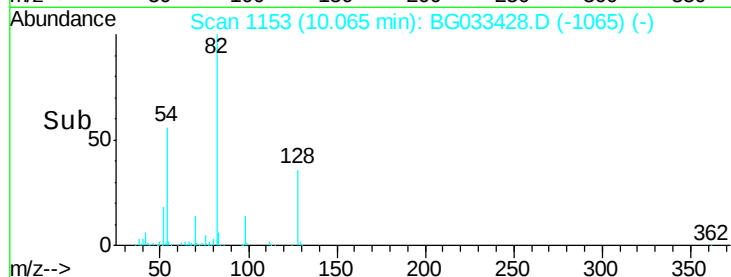
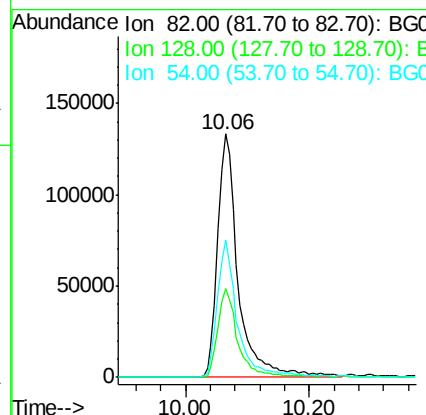
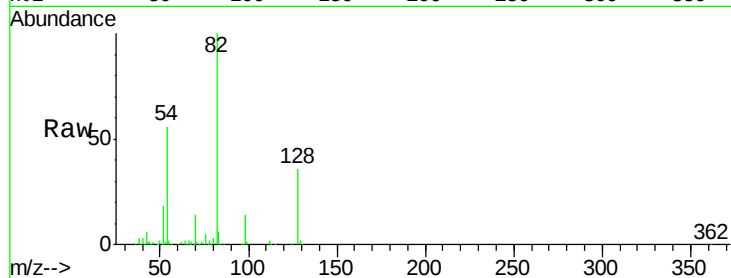




#23
 Nitrobenzene-d5
 Concen: 108.789 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

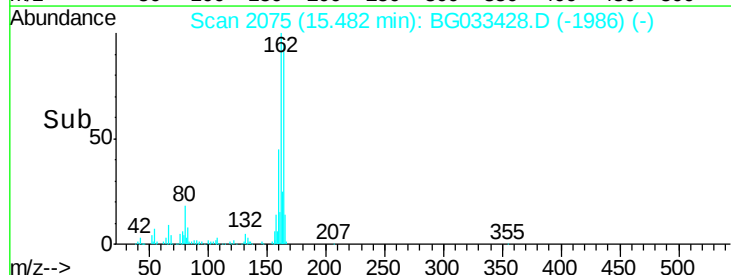
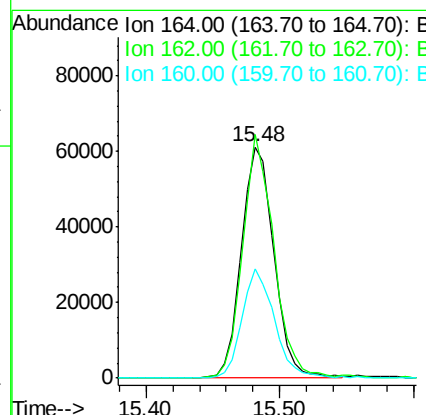
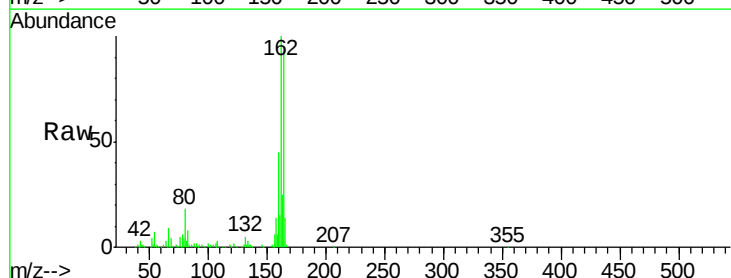
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-E

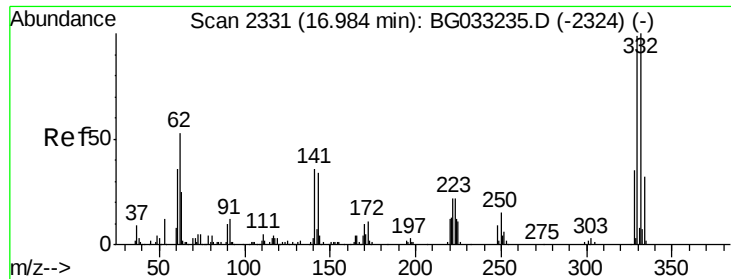
Tot Ion	82	Resp	307575
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	56.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

Tgt Ion	164	Resp	103169
Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	47.0	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 188.163 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-E

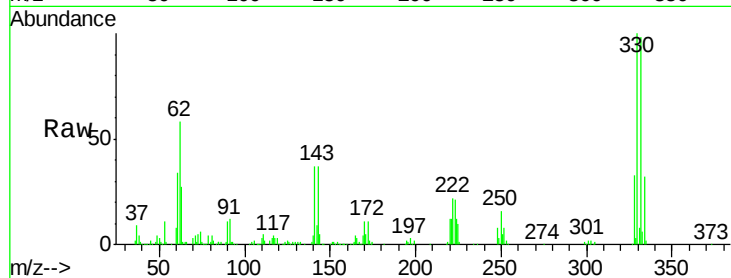
Tot Ion:330 Resp: 290338

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

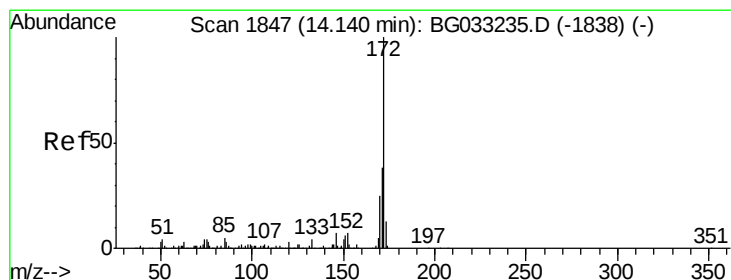
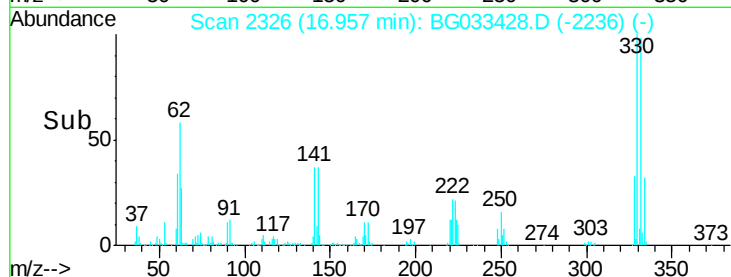
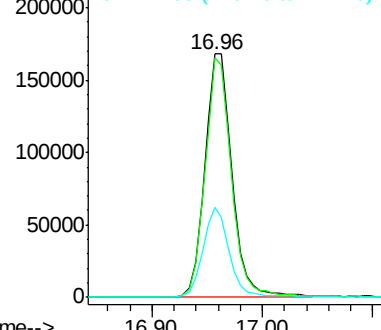
141 35.7 25.2 37.8



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: 105.446 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

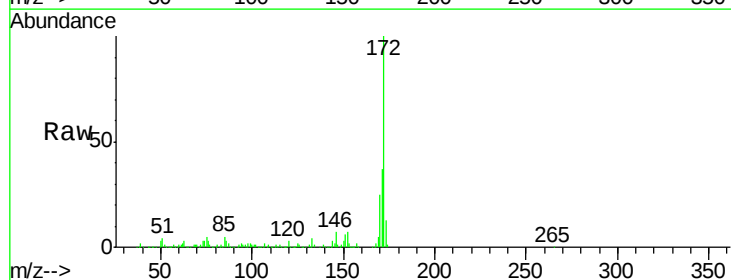
Tgt Ion:172 Resp: 753570

Ion Ratio Lower Upper

172 100

171 36.5 30.0 45.0

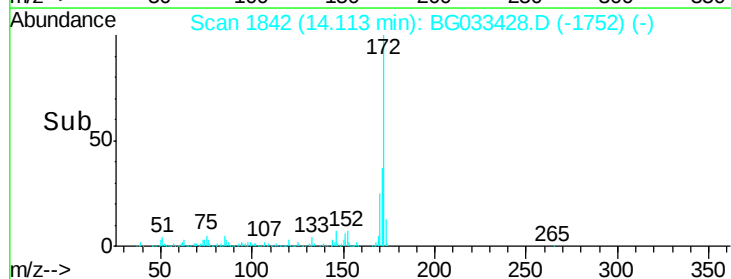
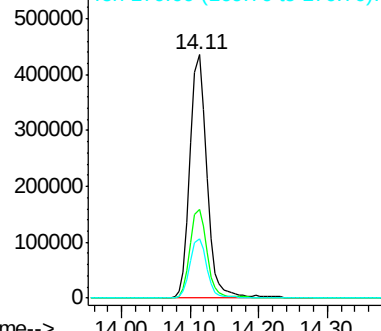
170 24.5 19.5 29.3

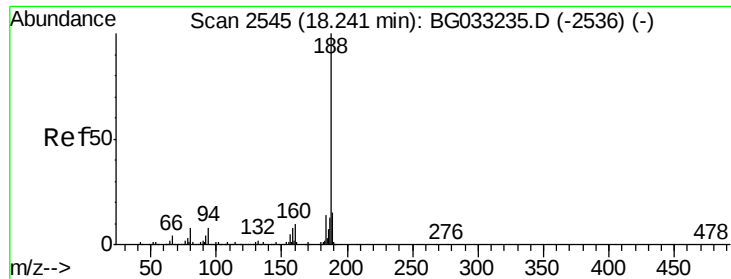


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

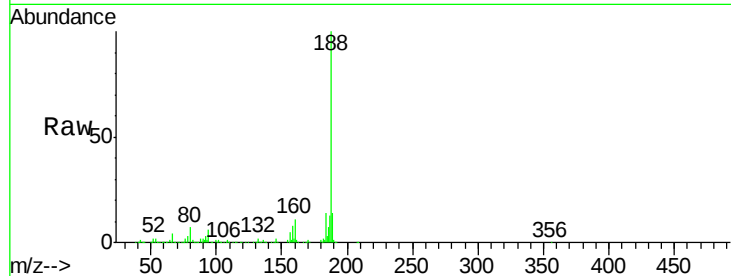




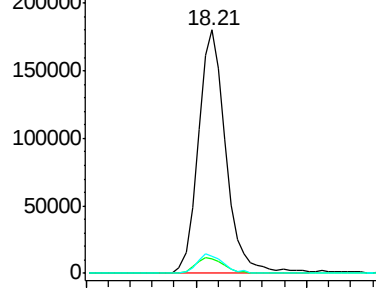
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033428.D
Acq: 29 Mar 2018 20:12

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-E

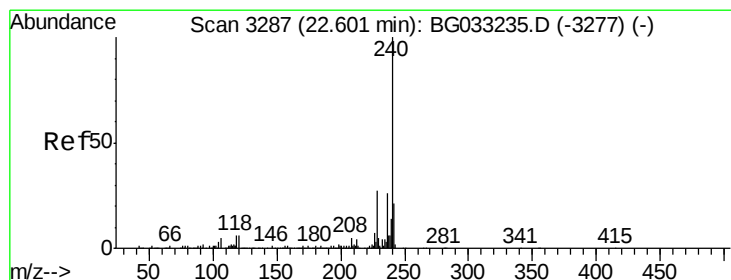
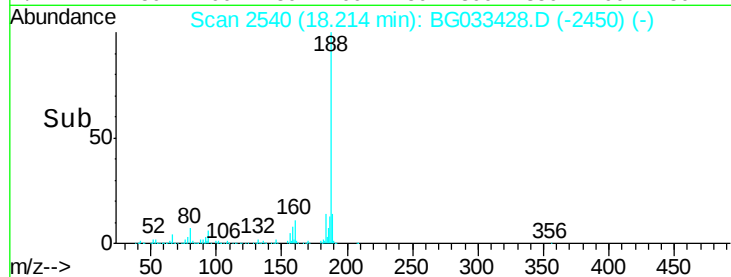
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.0	7.7	11.5#



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

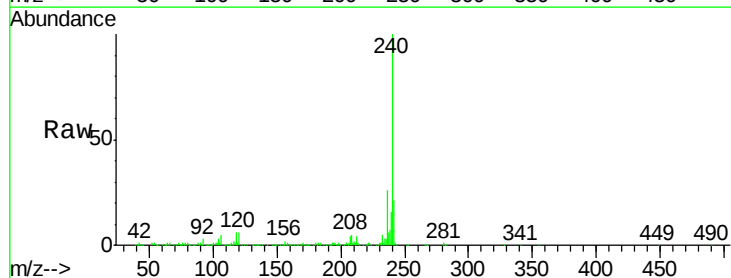


Time--> 18.10 18.20 18.30

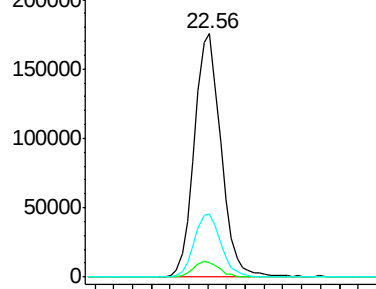


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033428.D
Acq: 29 Mar 2018 20:12

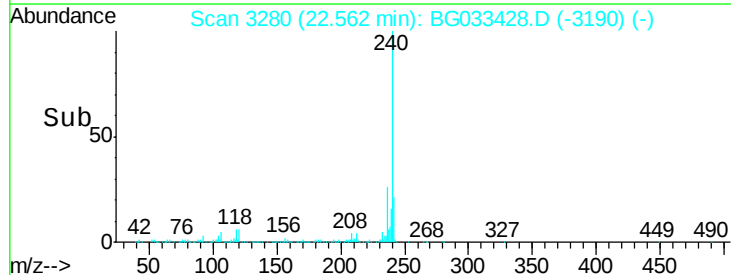
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.1	20.9	31.3

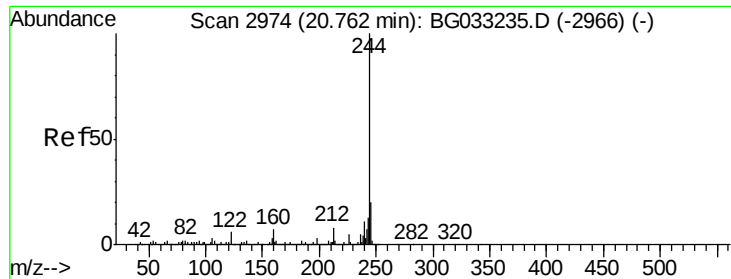


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 22.50 22.60 22.70





#78

Terphenyl-d14

Concen: 105.768 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-E

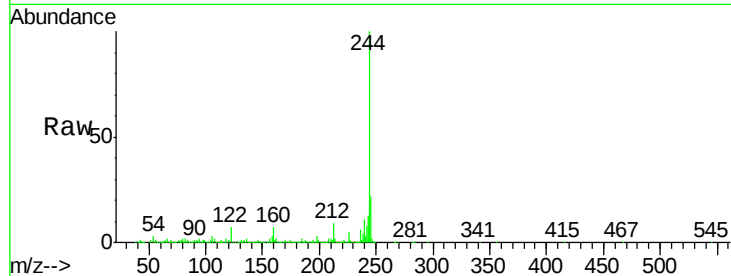
Tot Ion:244 Resp: 1720935

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

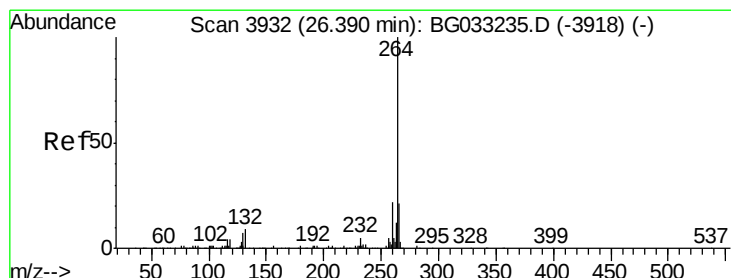
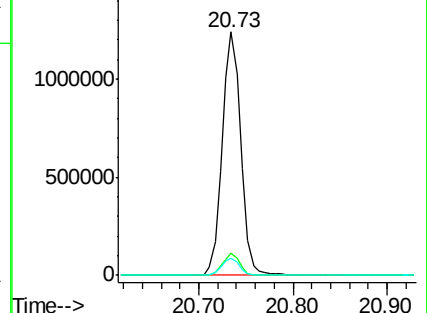
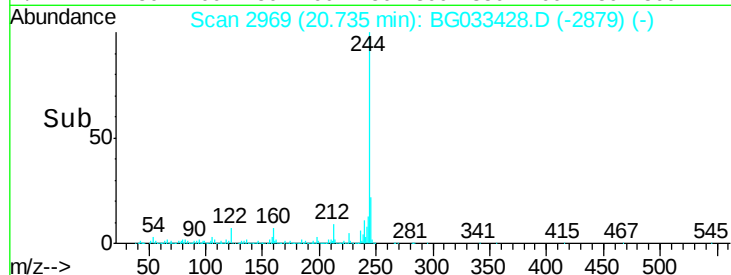
122 7.0 7.0 10.4



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: BG033428.D

Acq: 29 Mar 2018 20:12

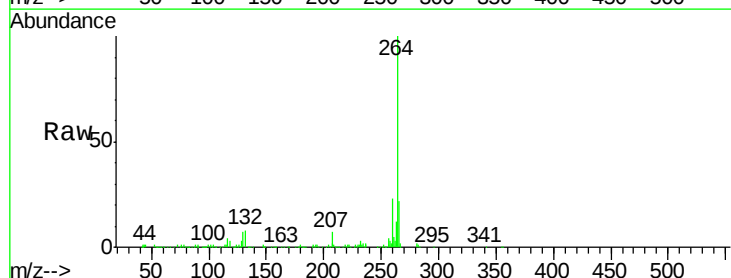
Tgt Ion:264 Resp: 372938

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.6 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

