

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032533.D
 Acq On : 3 Feb 2018 5:03
 Operator : SJ/JU
 Sample : J1436-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B25

Quant Time: Feb 03 05:52:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24769	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	94986	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	70361	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	193572	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	254197	20.00	ng	-0.02
86) Perylene-d12	26.08	264	248591	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	146443	118.75	ng	-0.01
7) Phenol-d6	7.83	99	175264	106.51	ng	0.00
23) Nitrobenzene-d5	9.90	82	145930	95.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	181495	135.51	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	538428	90.95	ng	-0.02
78) Terphenyl-d14	20.62	244	1203738	101.44	ng	-0.01

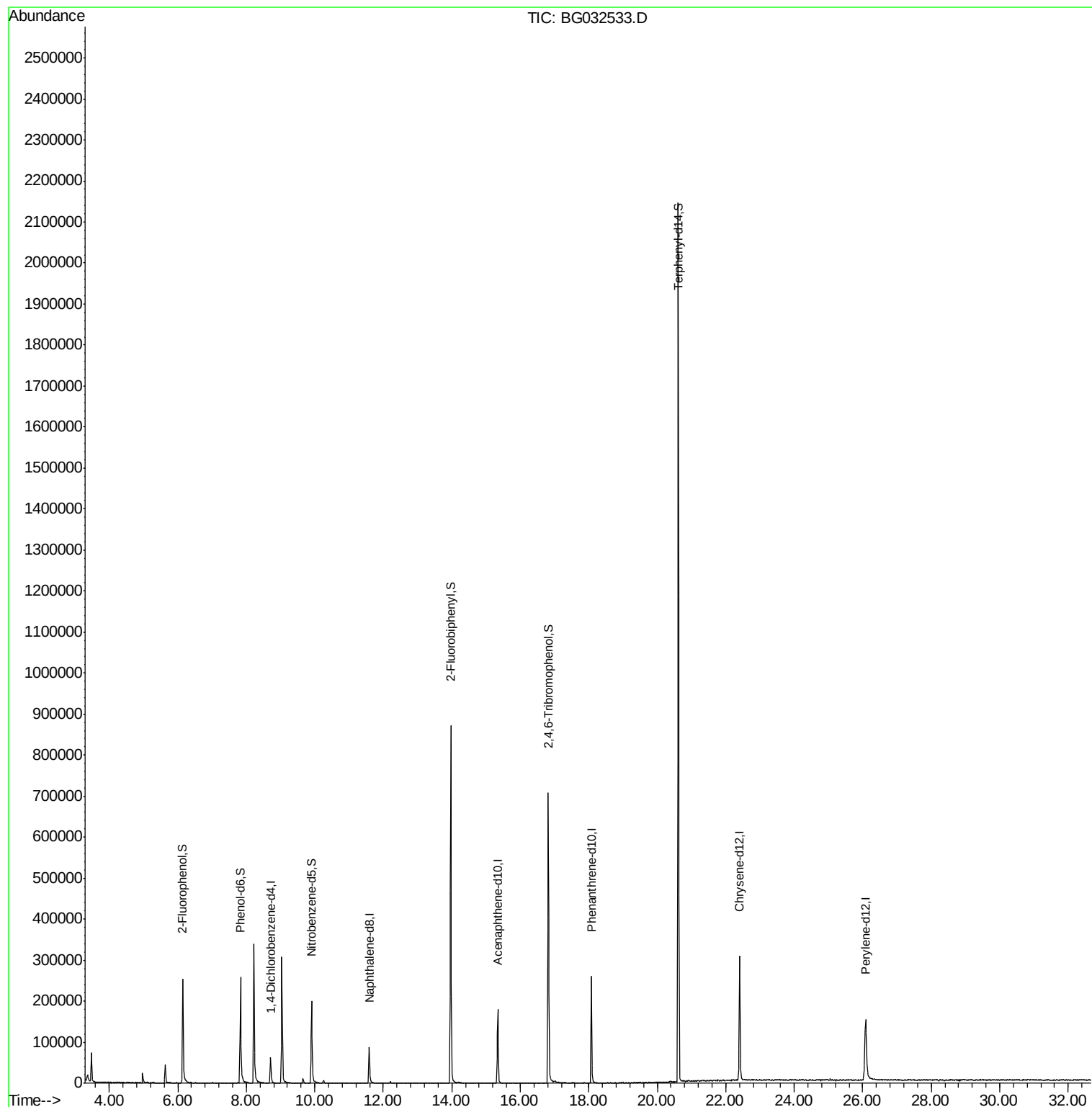
Target Compounds Qvalue

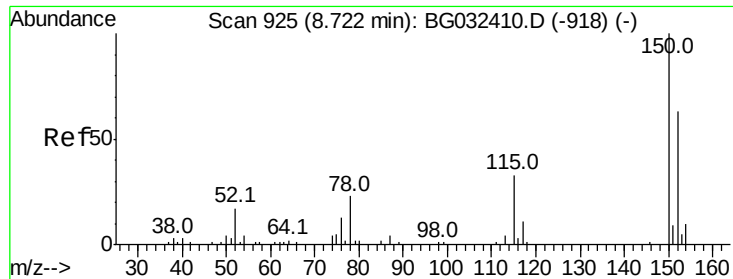
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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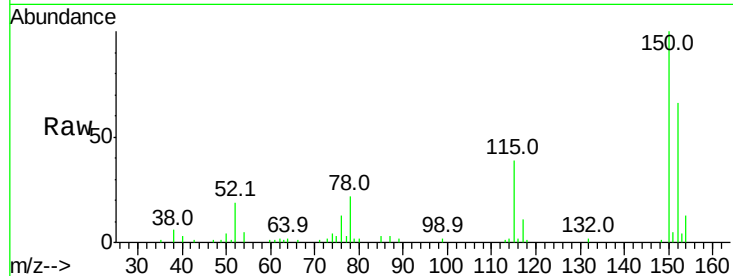


#1

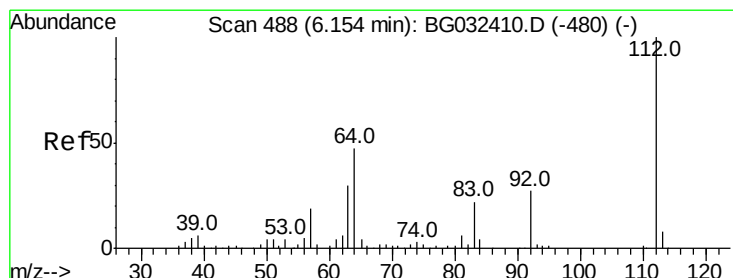
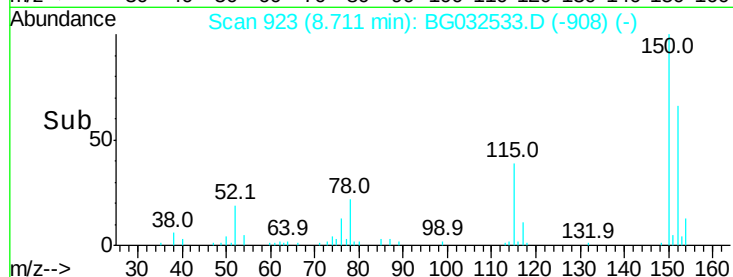
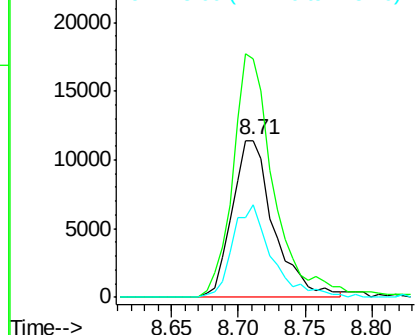
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032533.D
Acq: 3 Feb 2018 5:03

Instrument :
BNA_G
ClientSampled :
B25

Tot Ion:152 Resp: 24769
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 58.8 53.0 79.4



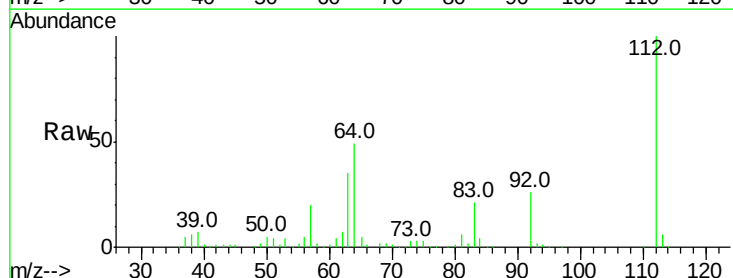
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



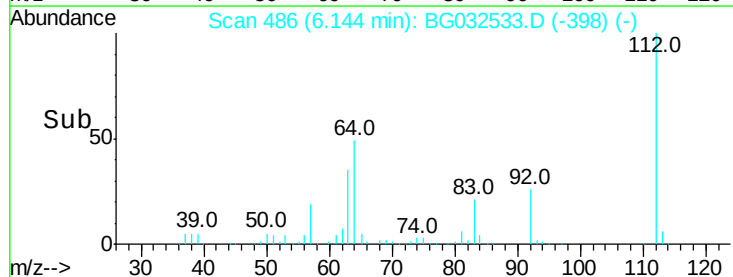
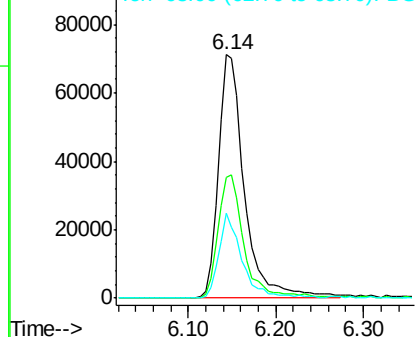
#5

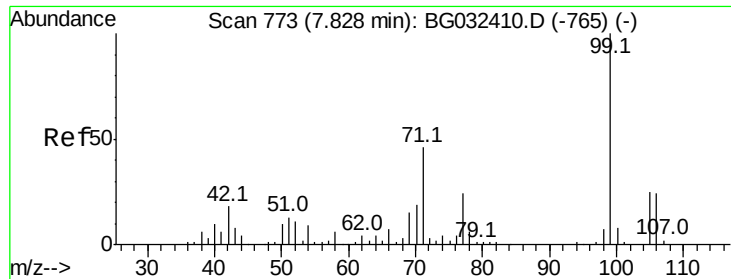
2-Fluorophenol
Concen: 118.753 ng
RT: 6.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG032533.D
Acq: 3 Feb 2018 5:03

Tgt Ion:112 Resp: 146443
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 34.9 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: 106.507 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032533.D

Acq: 3 Feb 2018 5:03

Instrument :

BNA_G

ClientSampleId :

B25

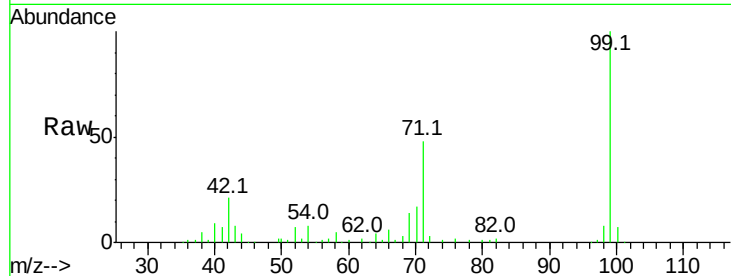
Tot Ion: 99 Resp: 175264

Ion Ratio Lower Upper

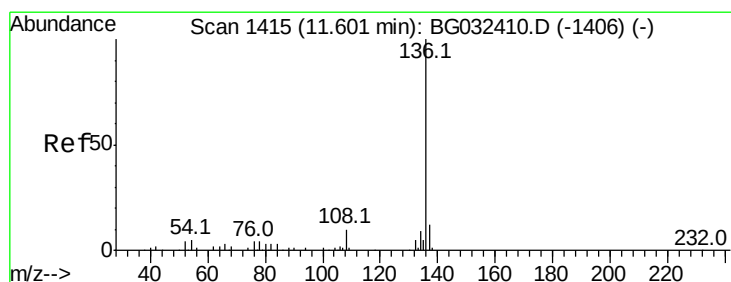
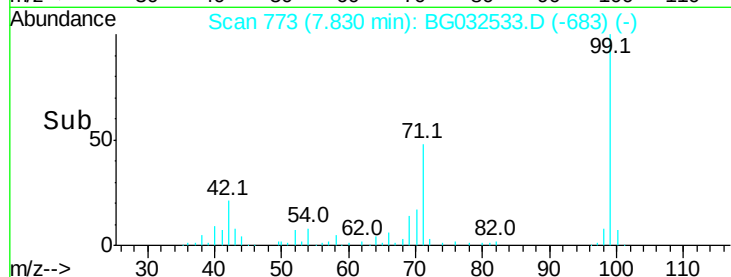
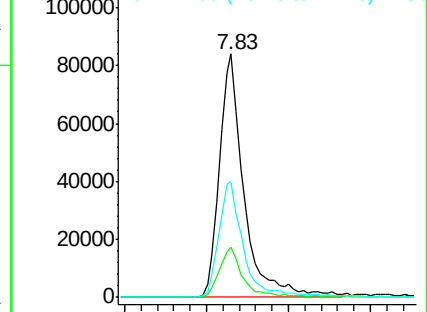
99 100

42 20.6 14.1 21.1

71 47.6 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032533.D

Acq: 3 Feb 2018 5:03

Tgt Ion:136 Resp: 94986

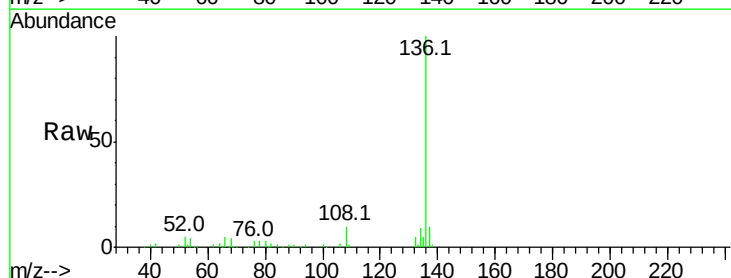
Ion Ratio Lower Upper

136 100

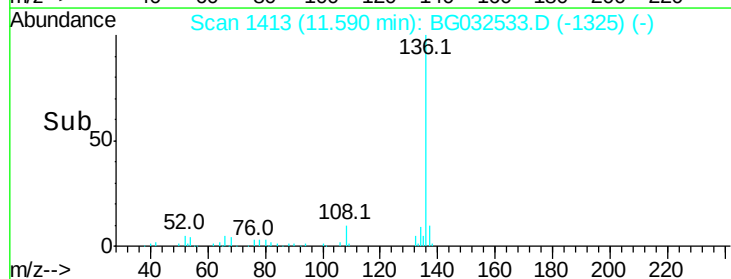
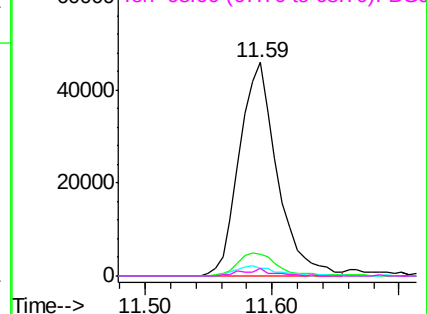
137 10.2 9.2 13.8

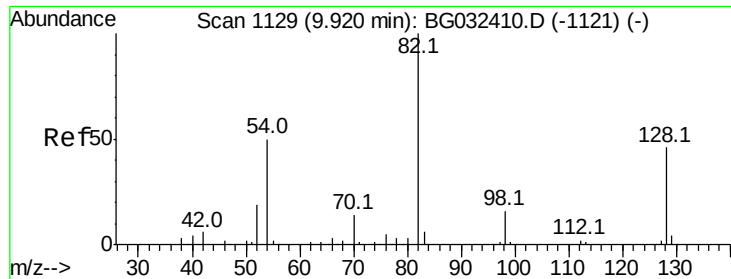
54 3.7 10.3 15.5#

68 3.9 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

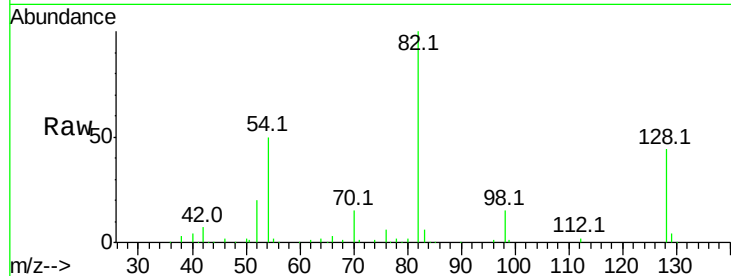




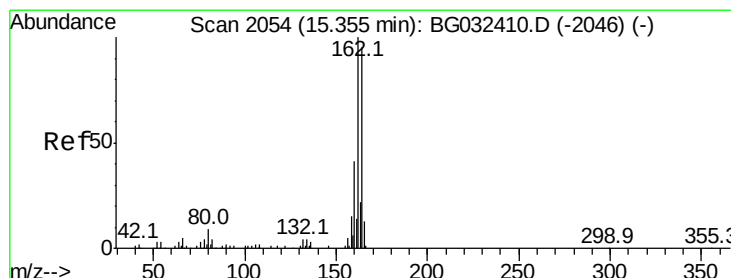
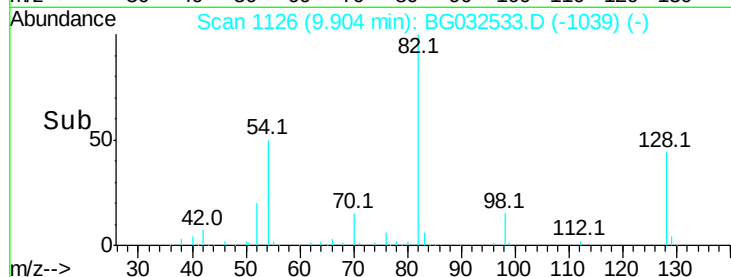
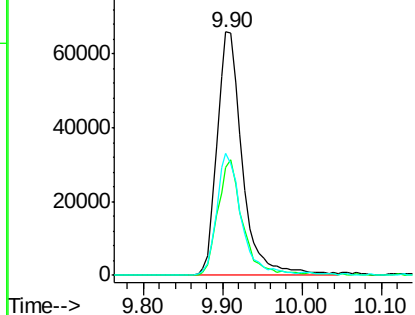
#23
 Nitrobenzene-d5
 Concen: 95.960 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BG032533.D
 Acq: 3 Feb 2018 5:03

Instrument :
 BNA_G
 ClientSampled :
 B25

Tot Ion	82	Resp	145930
Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	50.1	43.1	64.7

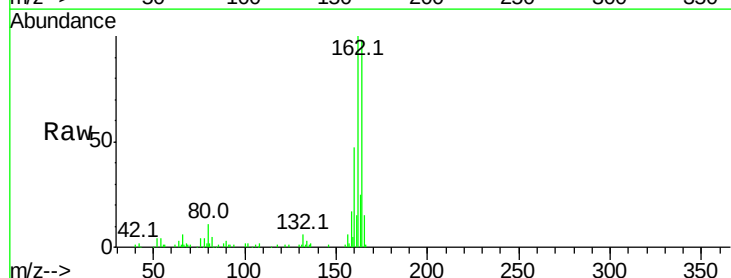


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

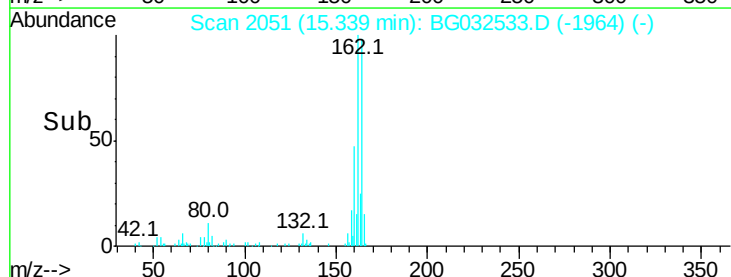
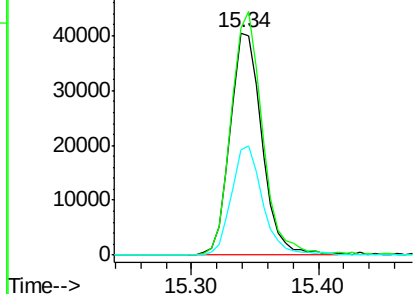


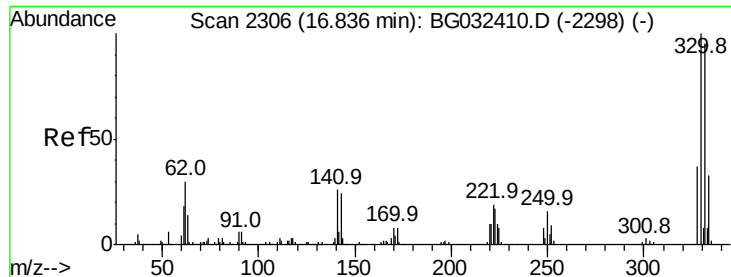
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.02 min
 Lab File: BG032533.D
 Acq: 3 Feb 2018 5:03

Tgt Ion	164	Resp	70361
Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	47.6	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 135.512 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032533.D

Acq: 3 Feb 2018 5:03

Instrument :

BNA_G

ClientSampled :

B25

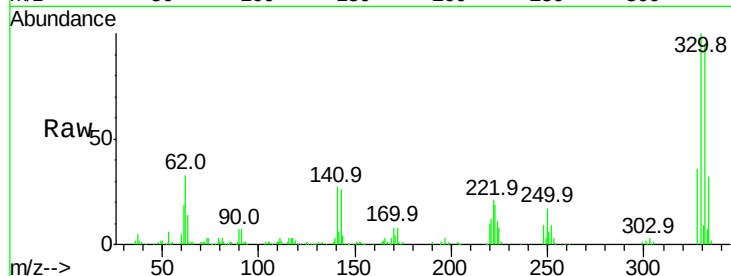
Tot Ion:330 Resp: 181495

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

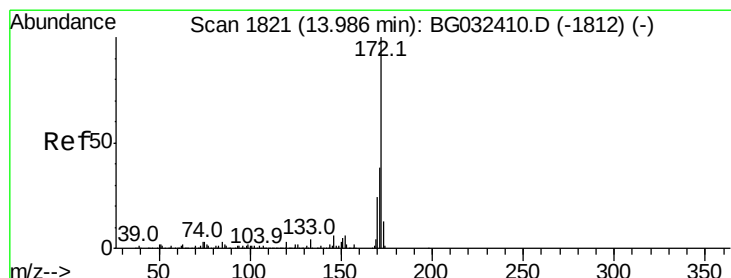
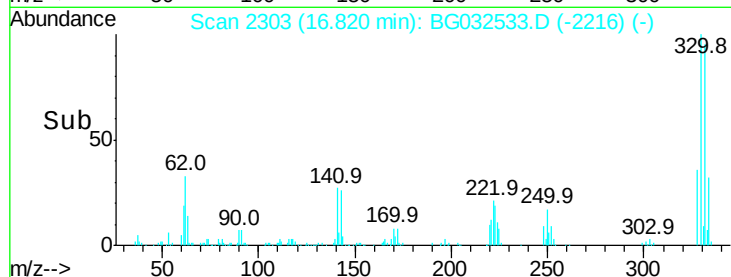
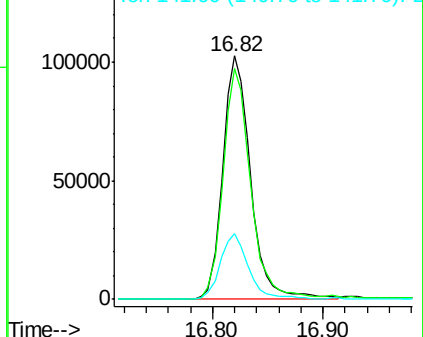
141 27.5 25.2 37.8



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: 90.953 ng

RT: 13.97 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BG032533.D

Acq: 3 Feb 2018 5:03

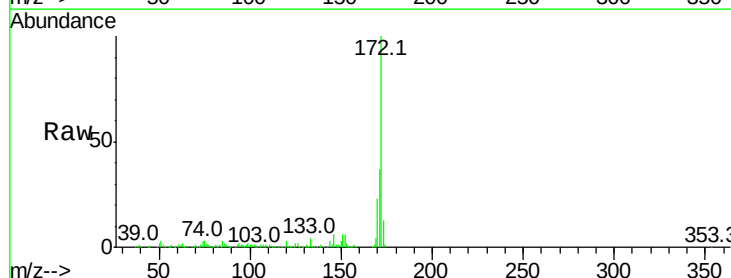
Tgt Ion:172 Resp: 538428

Ion Ratio Lower Upper

172 100

171 37.0 30.0 45.0

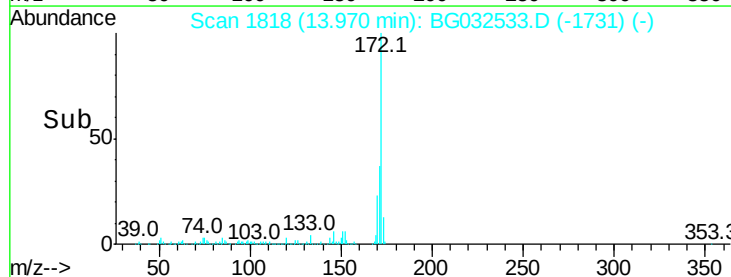
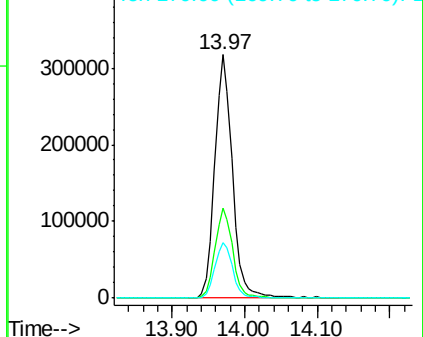
170 22.7 19.5 29.3

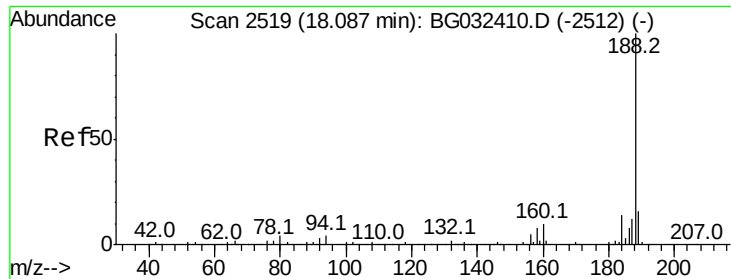


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

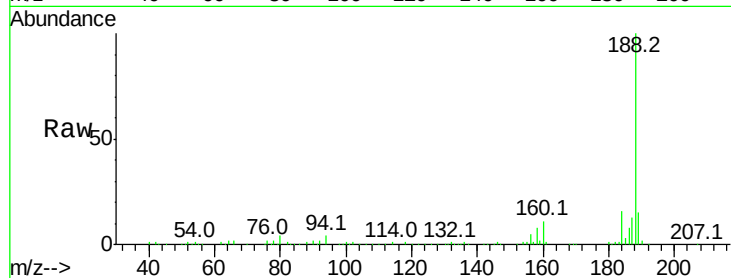




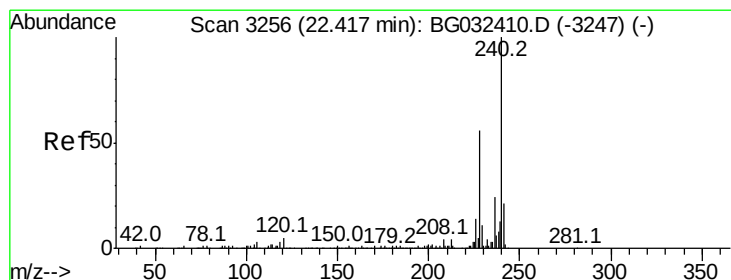
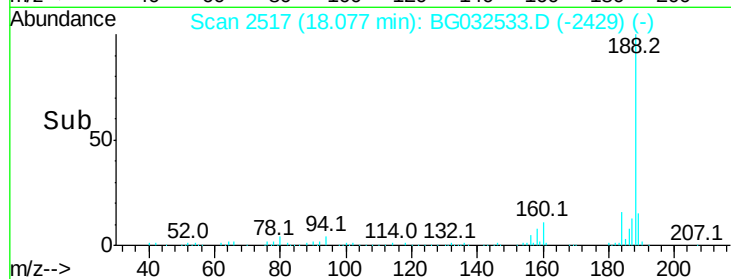
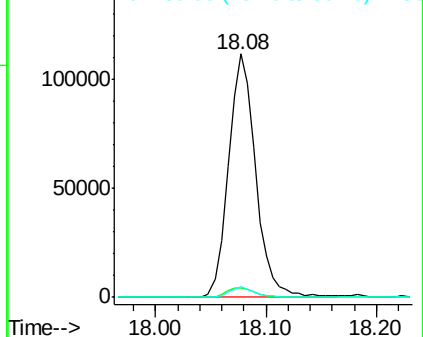
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032533.D
Acq: 3 Feb 2018 5:03

Instrument :
BNA_G
ClientSampled :
B25

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.0	6.9	10.3#
80	4.2	7.7	11.5#

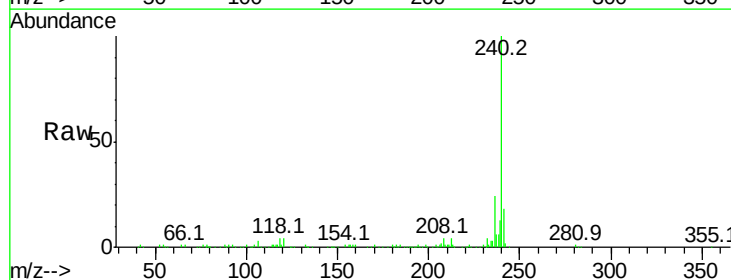


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

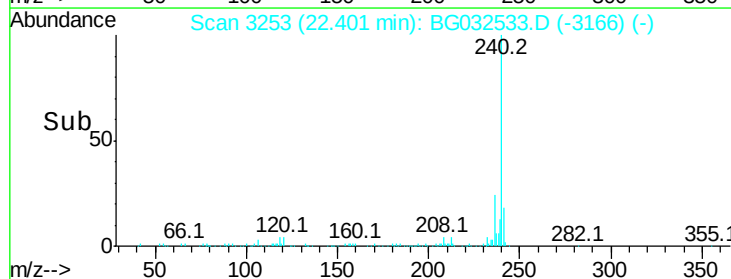
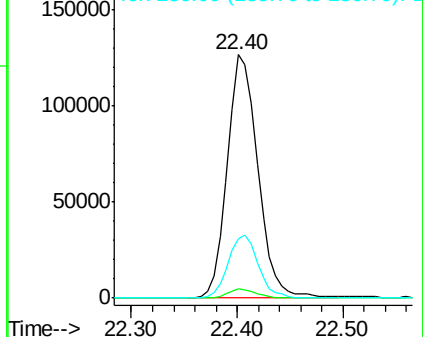


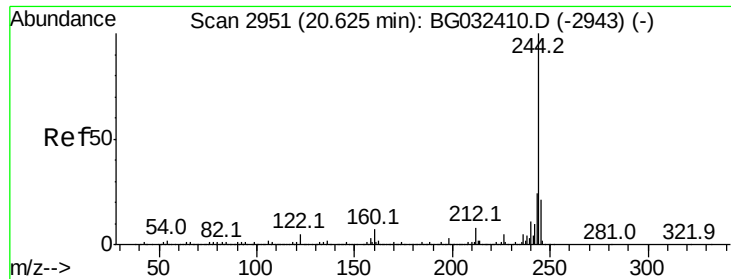
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032533.D
Acq: 3 Feb 2018 5:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	24.2	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: 101.437 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032533.D

Acq: 3 Feb 2018 5:03

Instrument :

BNA_G

ClientSampleId :

B25

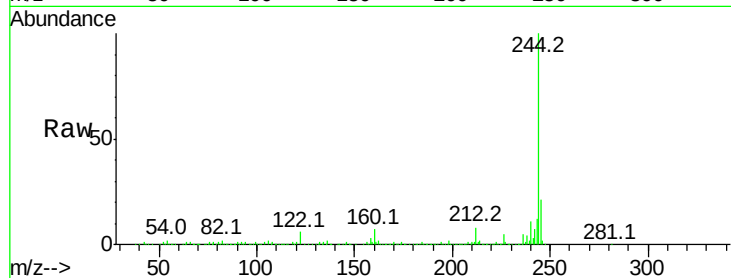
Tot Ion:244 Resp: 1203738

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

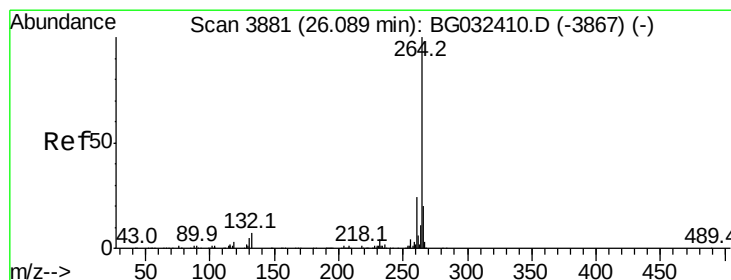
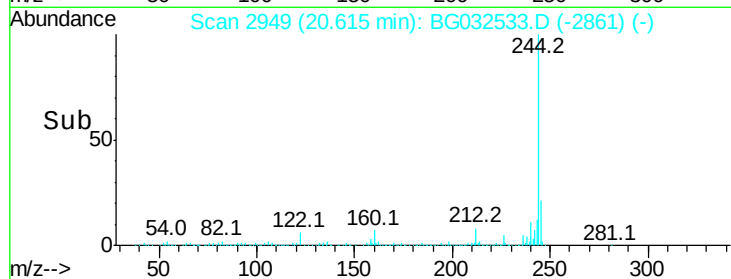
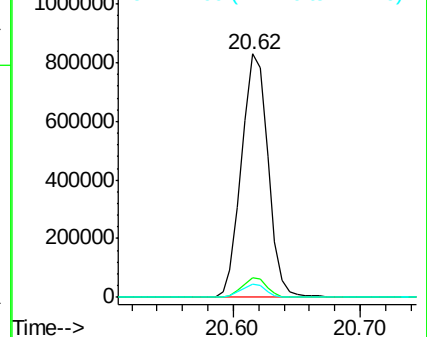
122 5.6 7.0 10.4#



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: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032533.D

Acq: 3 Feb 2018 5:03

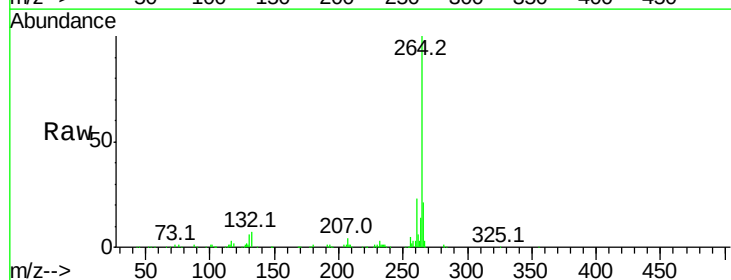
Tgt Ion:264 Resp: 248591

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.3 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

