

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032514.D
 Acq On : 2 Feb 2018 16:23
 Operator : SJ/JU
 Sample : J1395-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118

Quant Time: Feb 02 22:27:57 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	25493	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	98175	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	70624	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	200692	20.00	ng	0.00
75) Chrysene-d12	22.41	240	265401	20.00	ng	0.00
86) Perylene-d12	26.09	264	278907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	141879	111.78	ng	0.00
7) Phenol-d6	7.83	99	161640	95.44	ng	0.00
23) Nitrobenzene-d5	9.91	82	126780	80.66	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	150629	112.05	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	491235	82.67	ng	-0.02
78) Terphenyl-d14	20.62	244	1110949	89.67	ng	0.00

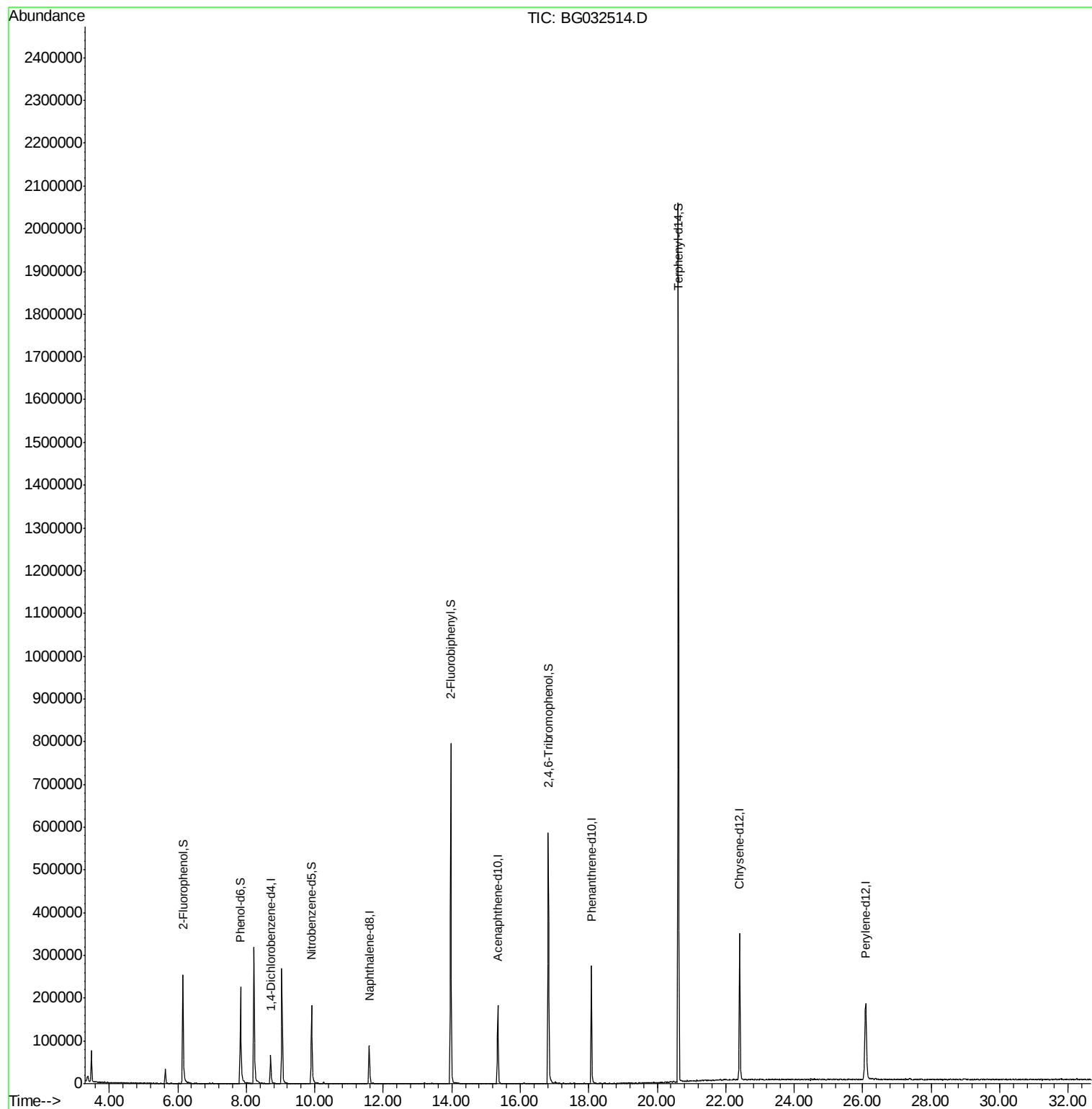
Target Compounds Qvalue

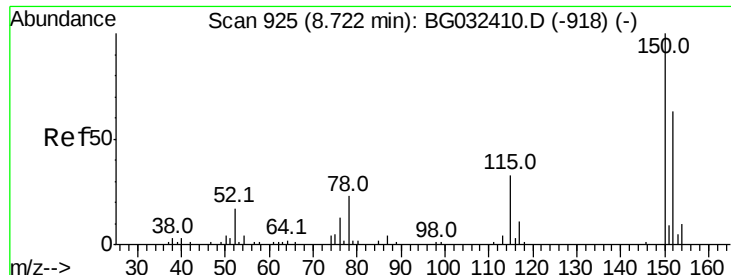
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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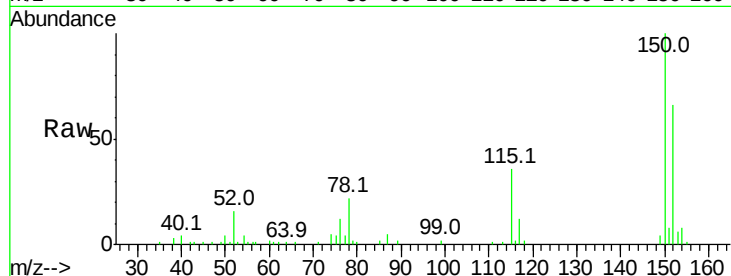


#1

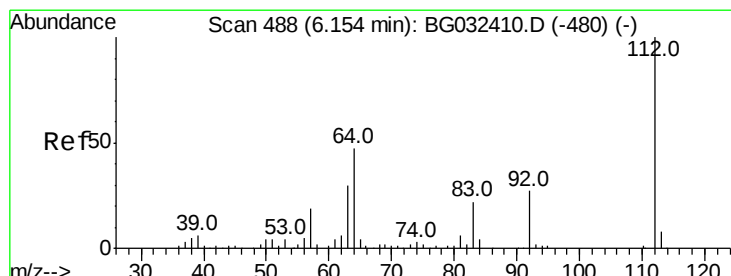
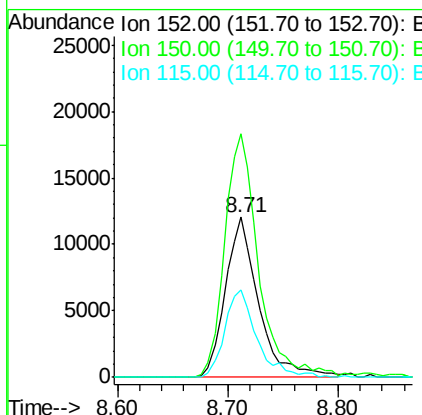
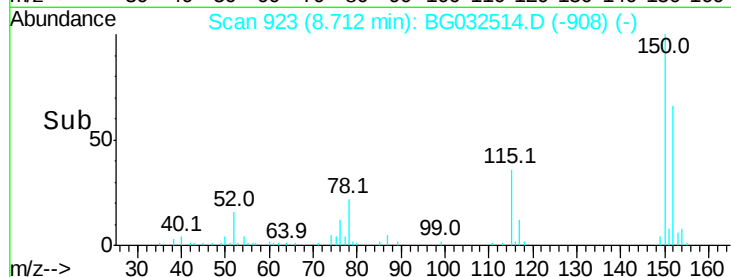
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032514.D
 Acq: 2 Feb 2018 16:23

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118

Tot Ion:152 Resp: 25493
 Ion Ratio Lower Upper
 152 100
 150 152.2 126.6 189.8
 115 54.5 53.0 79.4



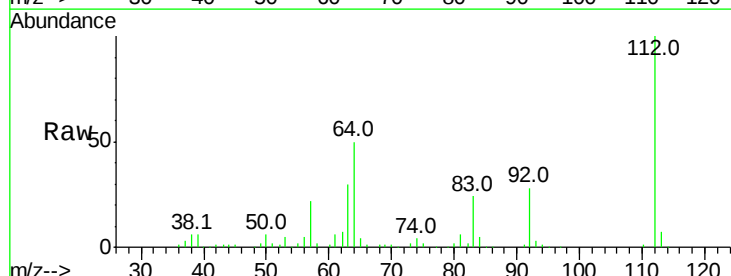
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



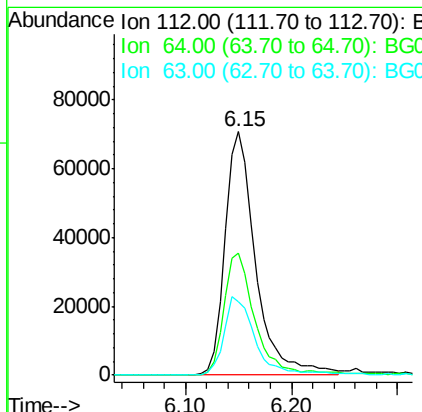
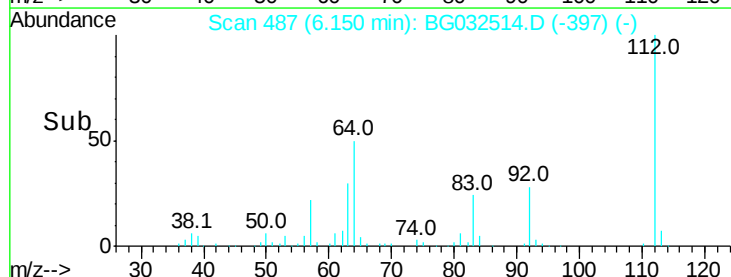
#5

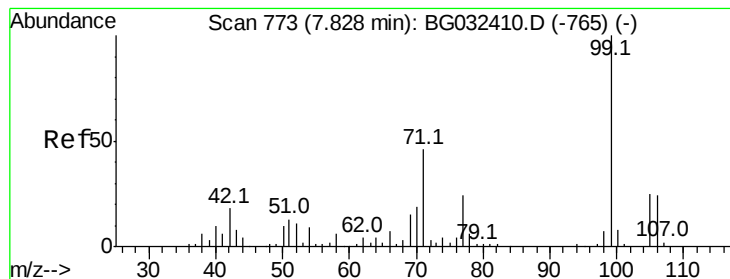
2-Fluorophenol
 Concen: 111.784 ng
 RT: 6.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BG032514.D
 Acq: 2 Feb 2018 16:23

Tgt Ion:112 Resp: 141879
 Ion Ratio Lower Upper
 112 100
 64 50.2 56.3 84.5#
 63 30.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.438 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032514.D

Acq: 2 Feb 2018 16:23

Instrument :

BNA_G

ClientSampleId :

NB-08-020118

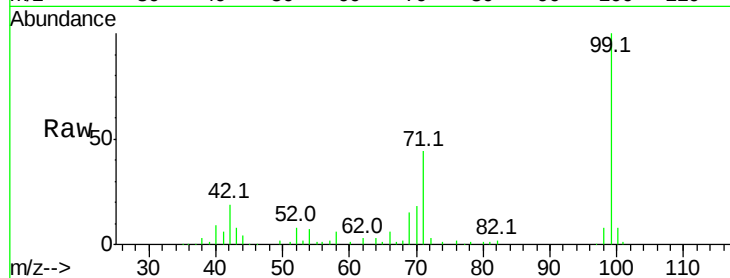
Tot Ion: 99 Resp: 161640

Ion Ratio Lower Upper

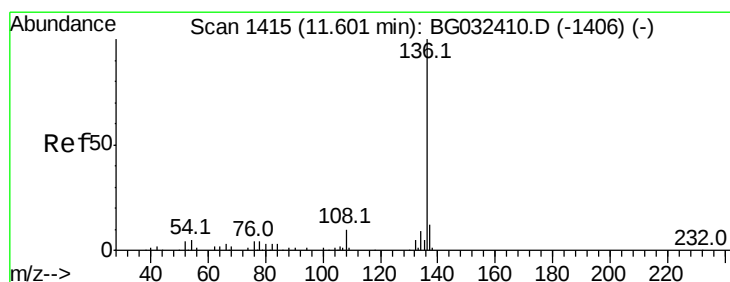
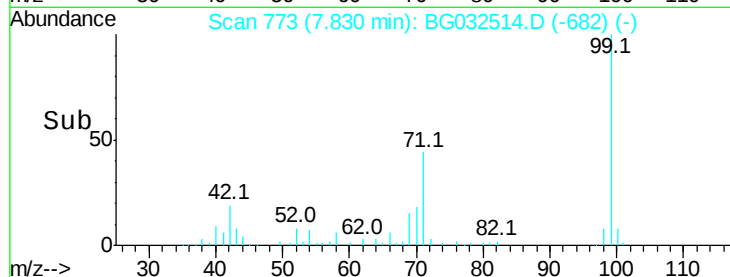
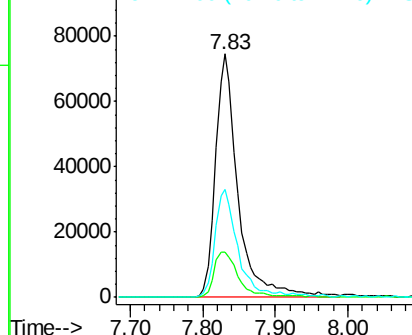
99 100

42 18.5 14.1 21.1

71 44.4 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: BG032514.D

Acq: 2 Feb 2018 16:23

Tgt Ion:136 Resp: 98175

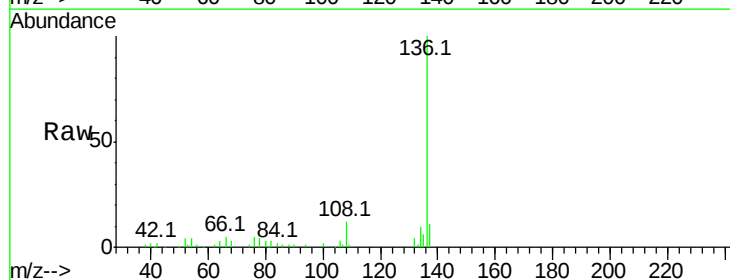
Ion Ratio Lower Upper

136 100

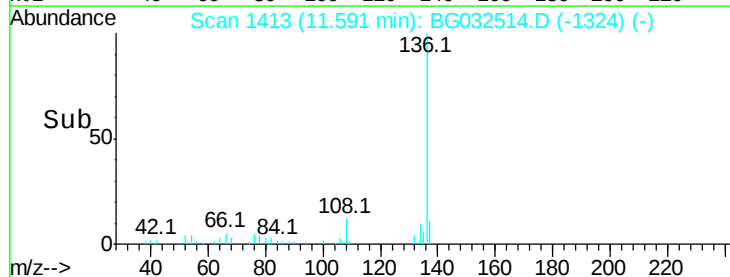
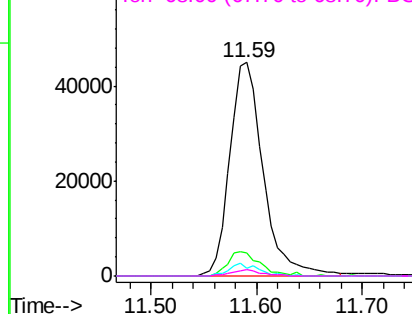
137 10.6 9.2 13.8

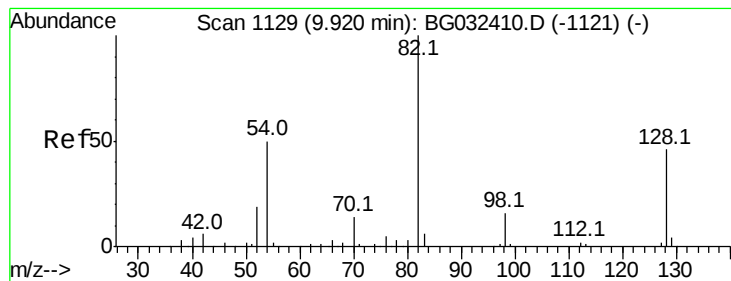
54 3.6 10.3 15.5#

68 3.1 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: 80.659 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032514.D

Acq: 2 Feb 2018 16:23

Instrument :

BNA_G

ClientSampleId :

NB-08-020118

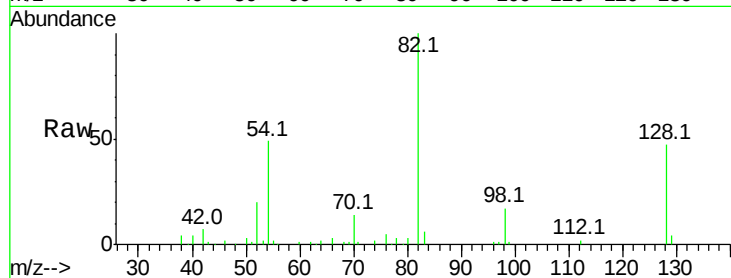
Tot Ion: 82 Resp: 126780

Ion Ratio Lower Upper

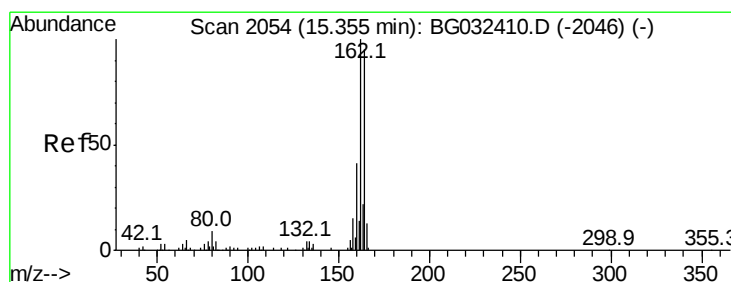
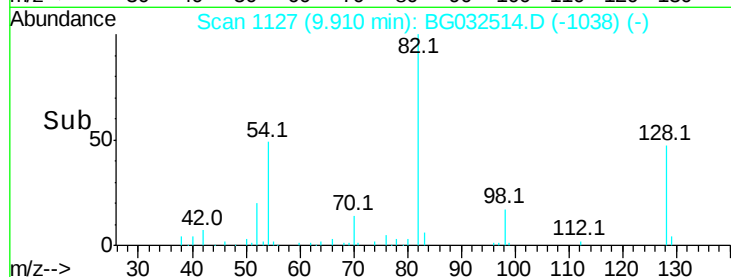
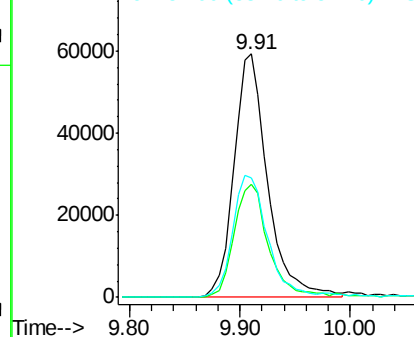
82 100

128 46.7 29.7 44.5#

54 49.2 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: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032514.D

Acq: 2 Feb 2018 16:23

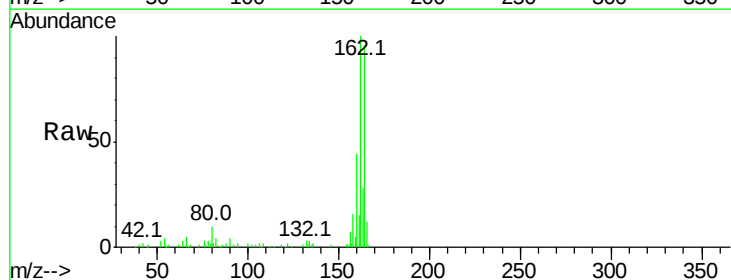
Tgt Ion:164 Resp: 70624

Ion Ratio Lower Upper

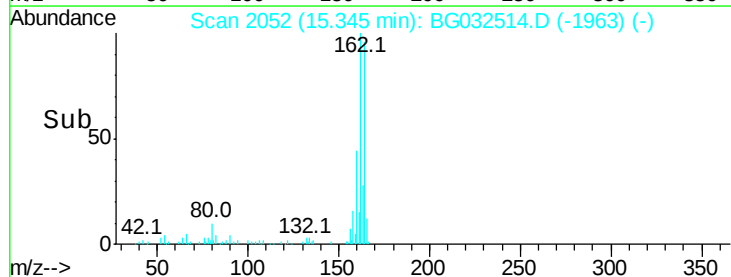
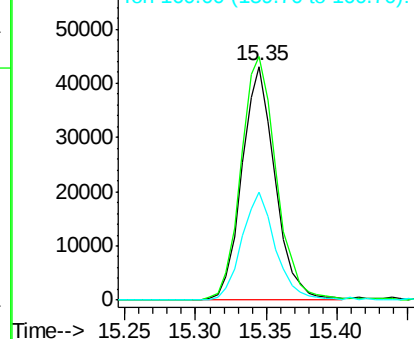
164 100

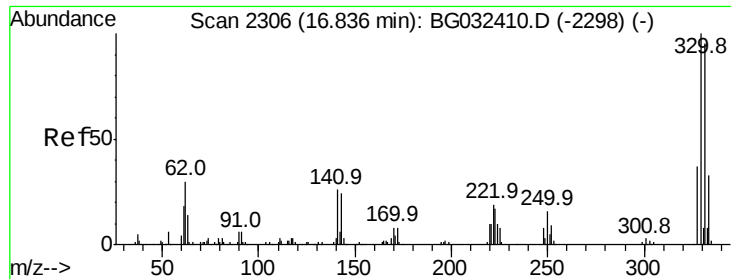
162 104.3 78.8 118.2

160 46.2 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

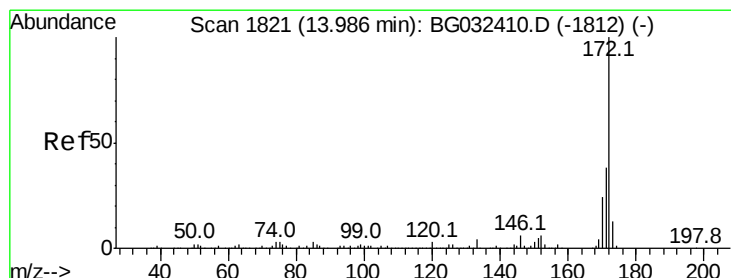
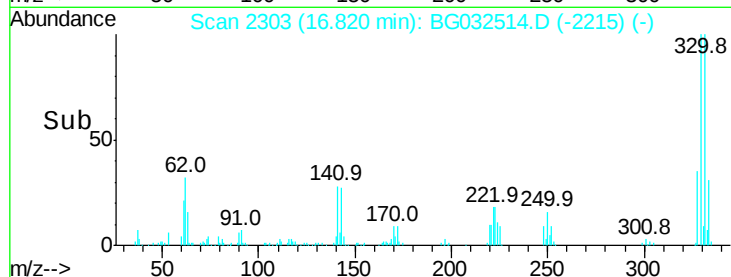
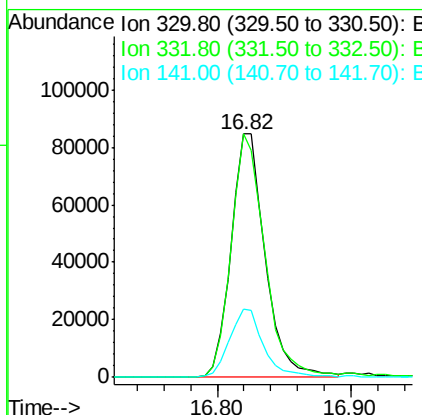
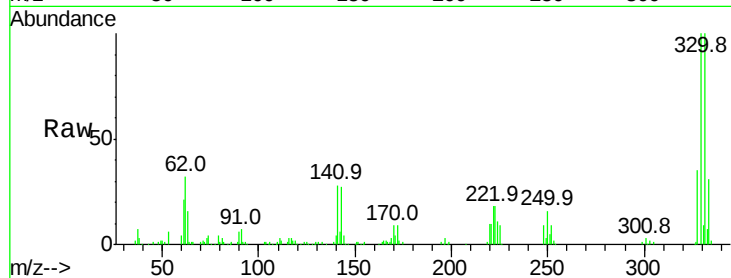




#41
 2,4,6-Tribromophenol
 Concen: 112.048 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032514.D
 Acq: 2 Feb 2018 16:23

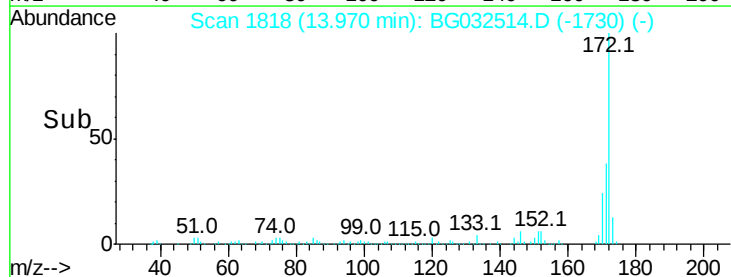
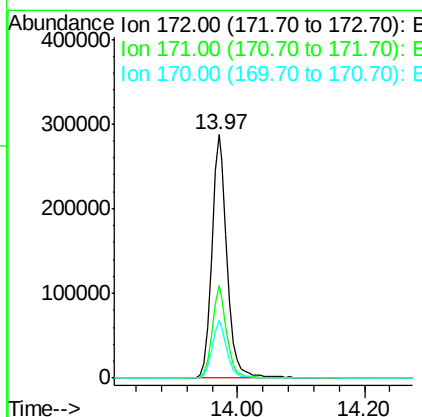
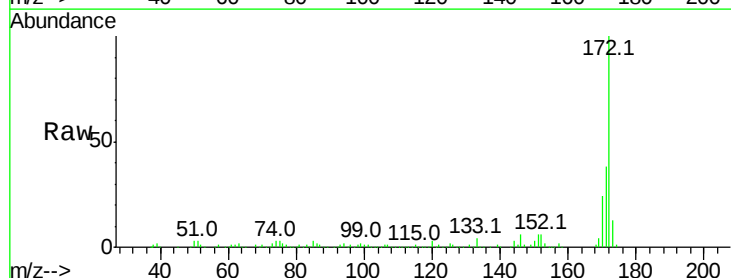
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118

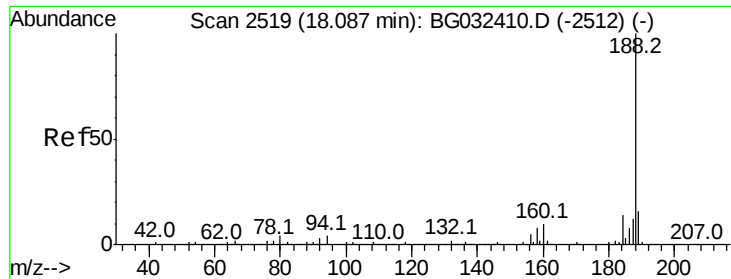
Tot Ion:330 Resp: 150629
 Ion Ratio Lower Upper
 330 100
 332 100.3 77.0 115.6
 141 28.1 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 82.672 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032514.D
 Acq: 2 Feb 2018 16:23

Tgt Ion:172 Resp: 491235
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 23.6 19.5 29.3

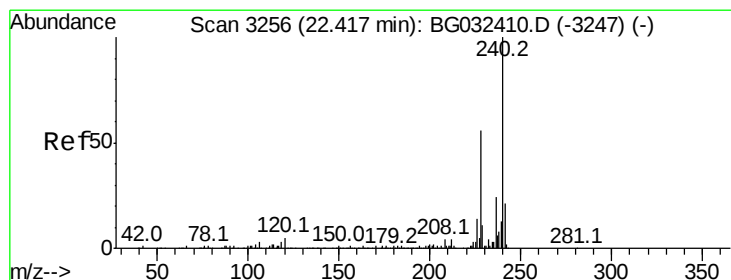
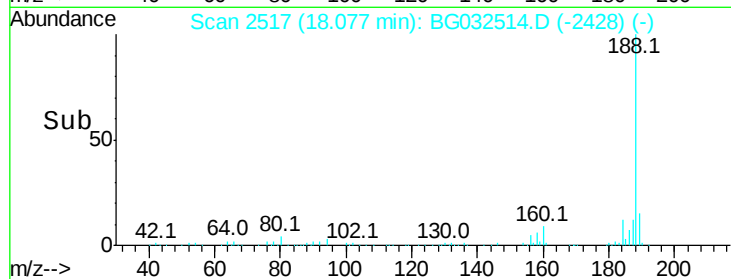
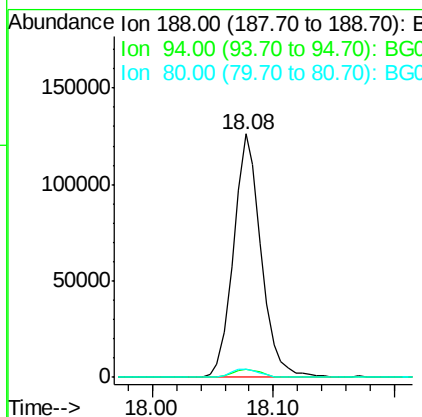
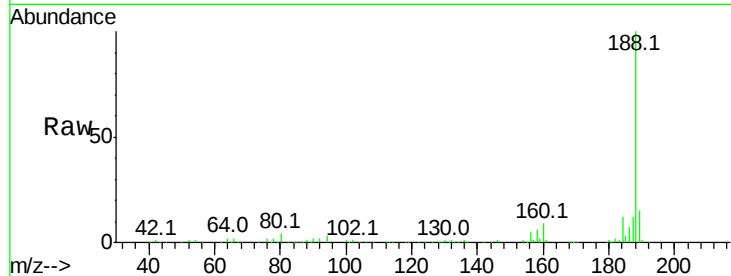




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032514.D
 Acq: 2 Feb 2018 16:23

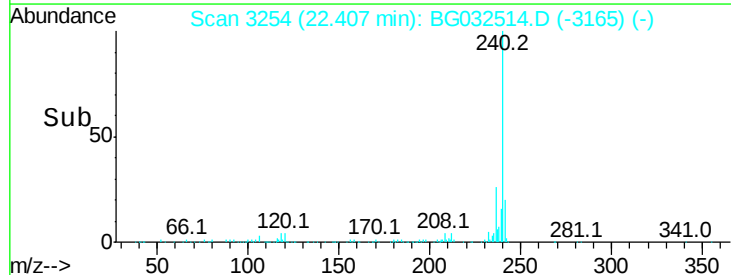
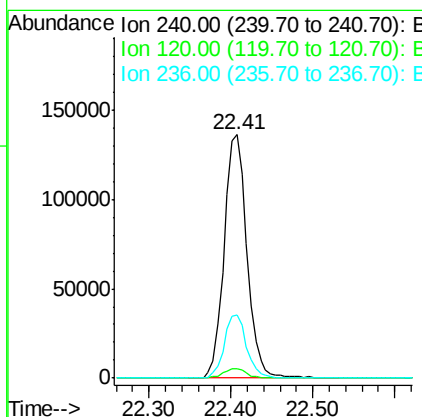
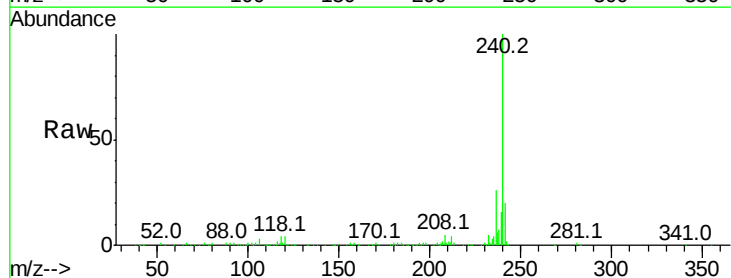
Instrument :
 BNA_G
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 NB-08-020118

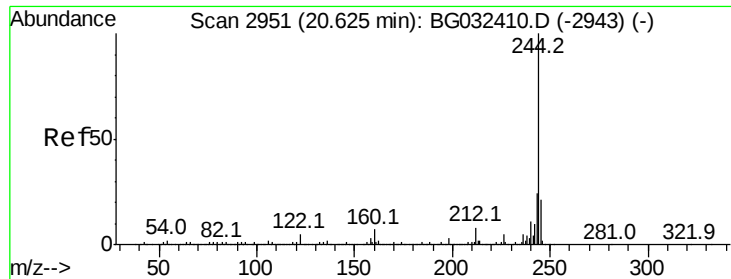
Tot Ion:188 Resp: 200692
 Ion Ratio Lower Upper
 188 100
 94 3.5 6.9 10.3#
 80 3.5 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032514.D
 Acq: 2 Feb 2018 16:23

Tgt Ion:240 Resp: 265401
 Ion Ratio Lower Upper
 240 100
 120 3.9 6.8 10.2#
 236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 89.666 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032514.D

Acq: 2 Feb 2018 16:23

Instrument :

BNA_G

ClientSampleId :

NB-08-020118

Tot Ion:244 Resp: 1110949

Ion Ratio Lower Upper

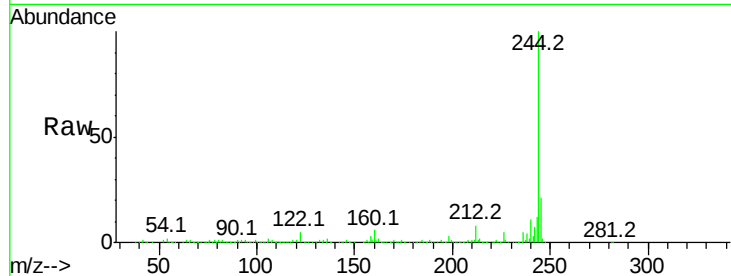
244 100

212 7.5

5.8 8.8

122 5.2

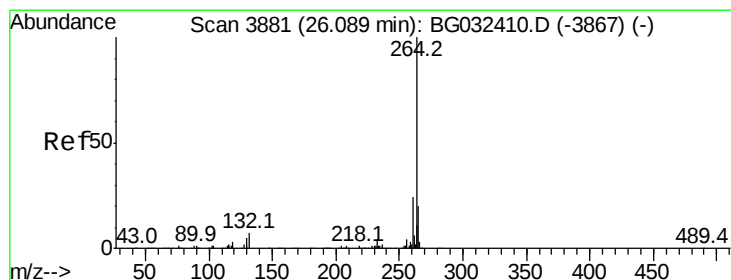
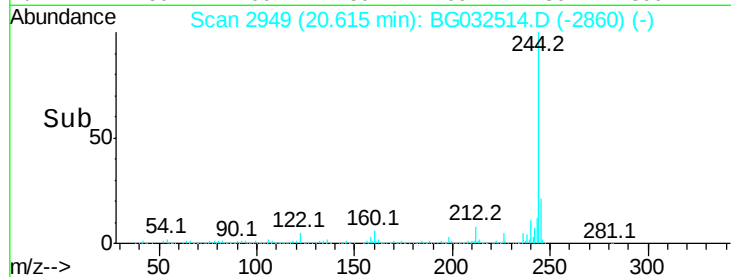
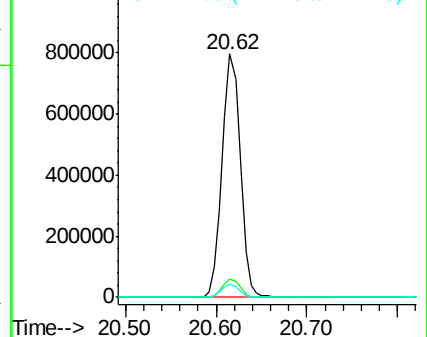
7.0 10.4#



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: 26.09 min Scan# 3880

Delta R.T. -0.00 min

Lab File: BG032514.D

Acq: 2 Feb 2018 16:23

Tgt Ion:264 Resp: 278907

Ion Ratio Lower Upper

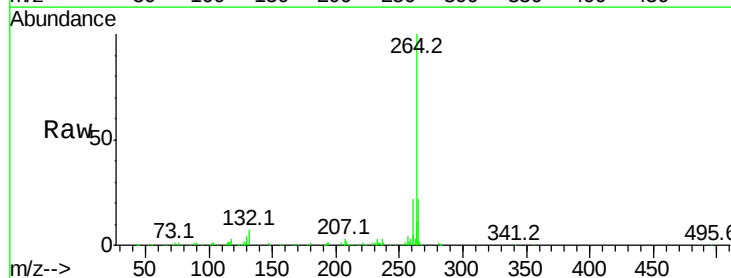
264 100

260 22.0

17.4 26.0

265 21.5

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

