

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032618.D
 Acq On : 8 Feb 2018 19:57
 Operator : SJ/JU
 Sample : J1473-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B5

Quant Time: Feb 09 03:14:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	31276	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	121690	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	98915	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	276695	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	318047	20.00	ng	-0.01
86) Perylene-d12	26.06	264	328117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	218166	140.11	ng	-0.02
7) Phenol-d6	7.81	99	245922	118.35	ng	-0.02
23) Nitrobenzene-d5	9.88	82	200681	103.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	251971	133.82	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	728556	87.54	ng	-0.02
78) Terphenyl-d14	20.60	244	1402370	94.45	ng	-0.01

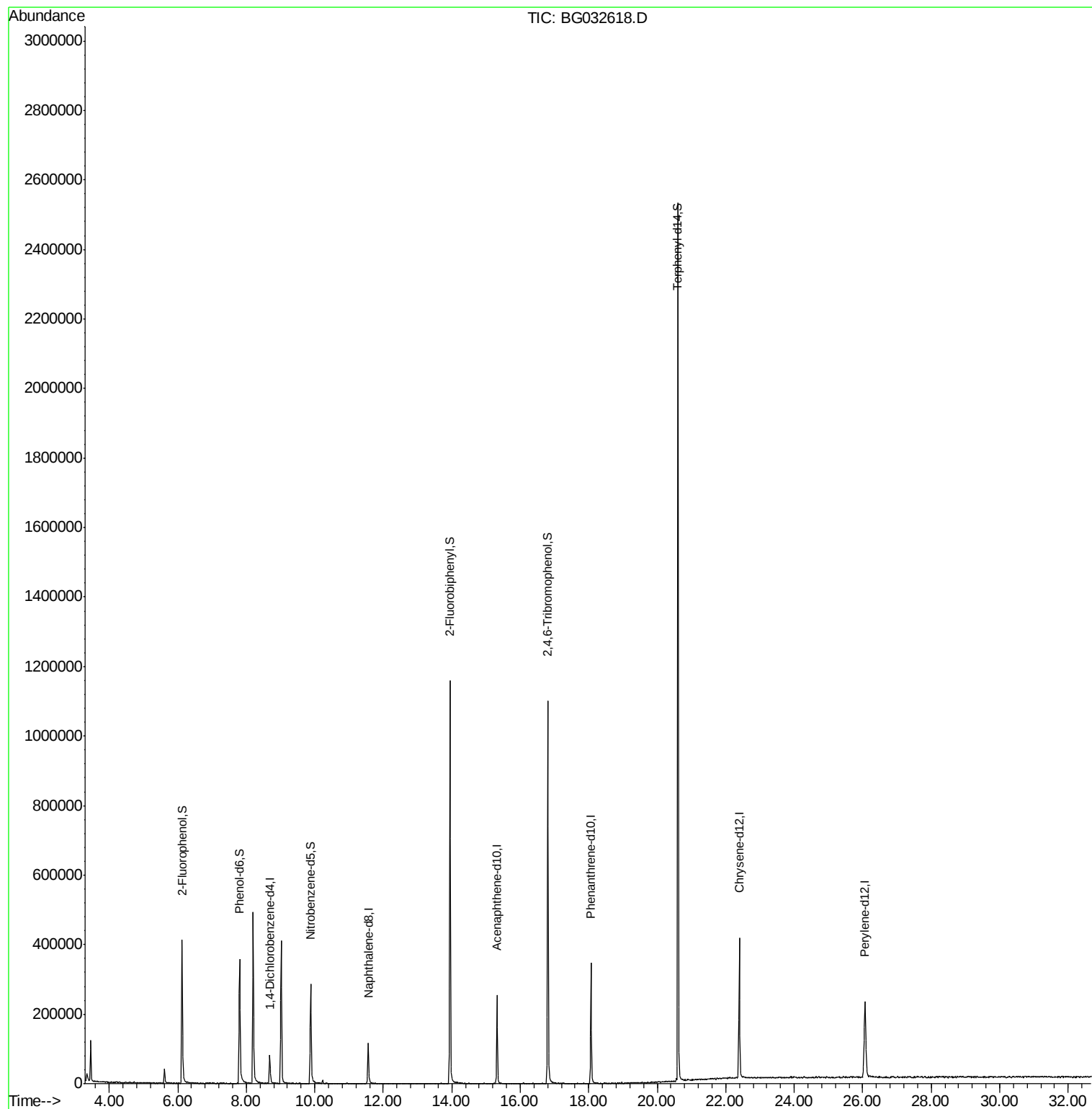
Target Compounds Qvalue

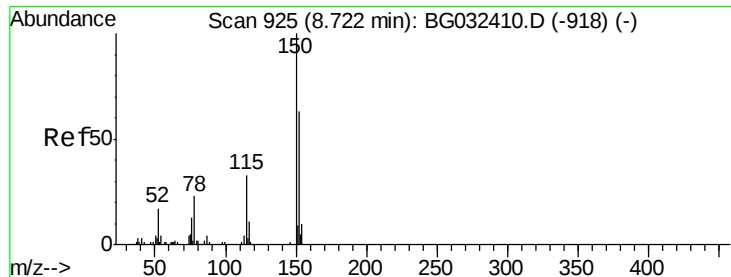
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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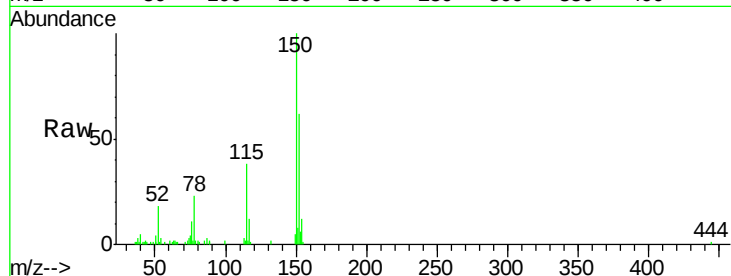


#1

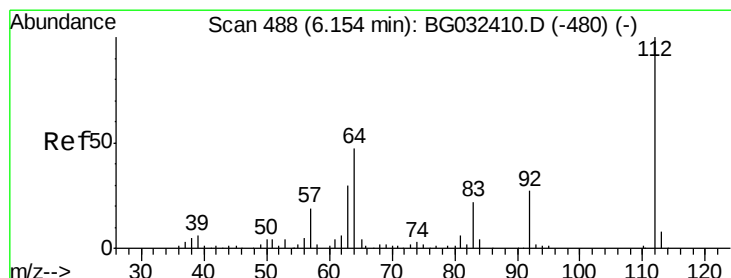
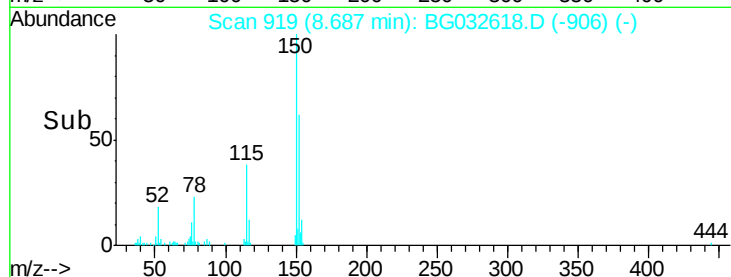
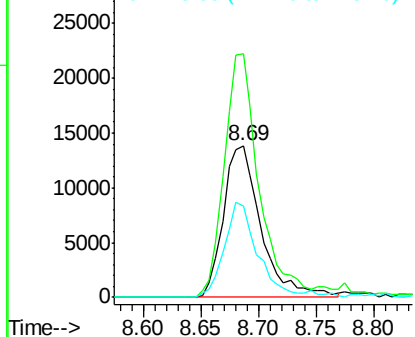
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampled :
B5

Tot Ion:152 Resp: 31276
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 60.4 53.0 79.4



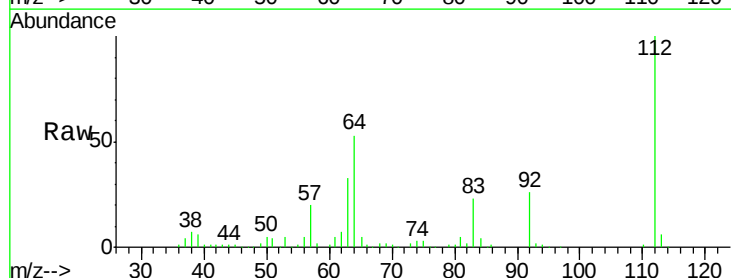
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



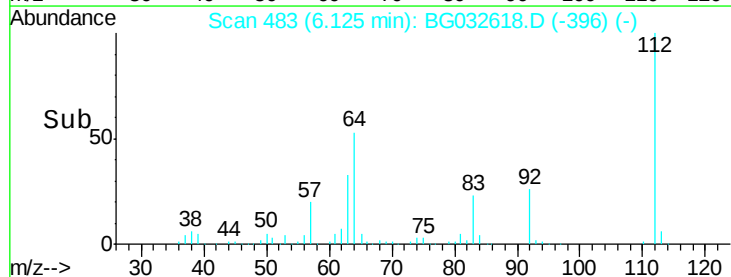
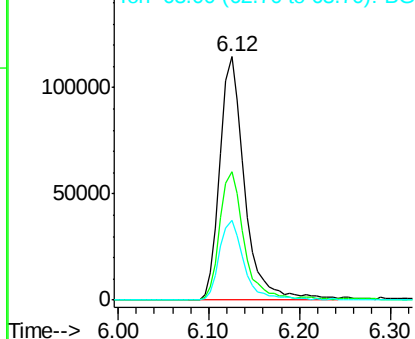
#5

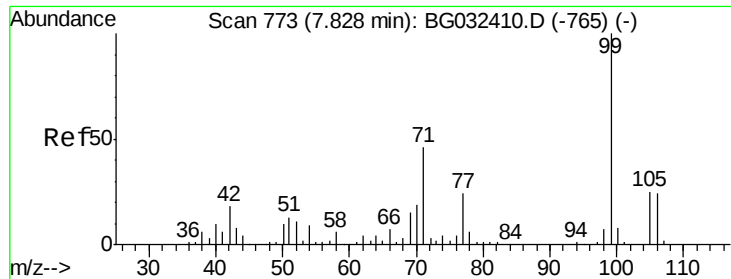
2-Fluorophenol
Concen: 140.107 ng
RT: 6.12 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:112 Resp: 218166
Ion Ratio Lower Upper
112 100
64 52.7 56.3 84.5#
63 32.9 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: 118.353 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

Instrument :

BNA_G

ClientSampleId :

B5

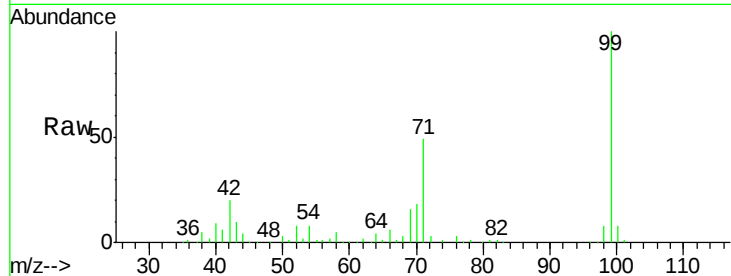
Tot Ion: 99 Resp: 245922

Ion Ratio Lower Upper

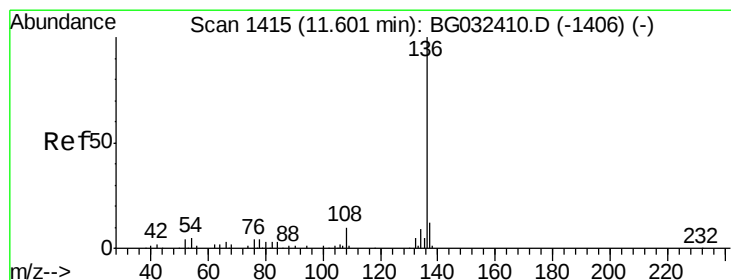
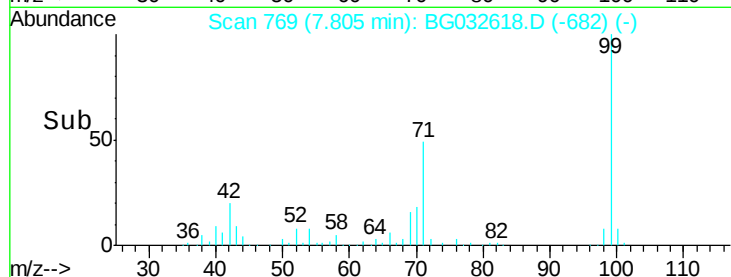
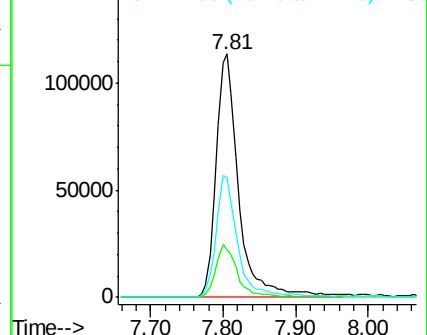
99 100

42 19.8 14.1 21.1

71 48.9 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

Tgt Ion: 136 Resp: 121690

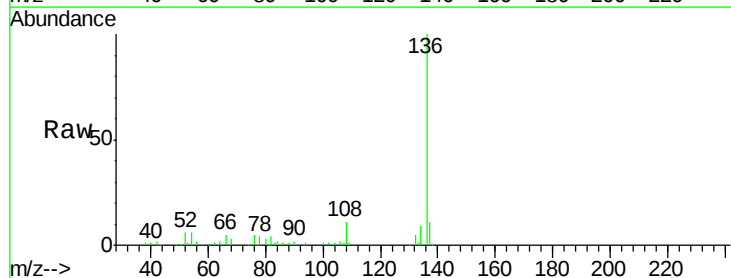
Ion Ratio Lower Upper

136 100

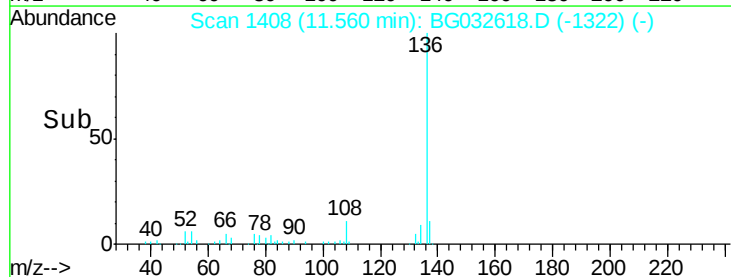
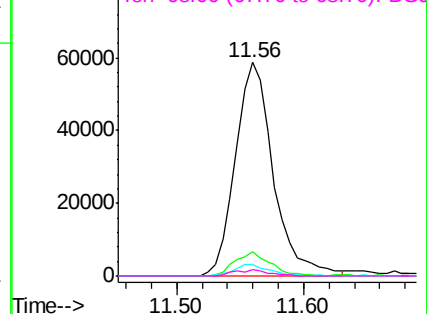
137 11.2 9.2 13.8

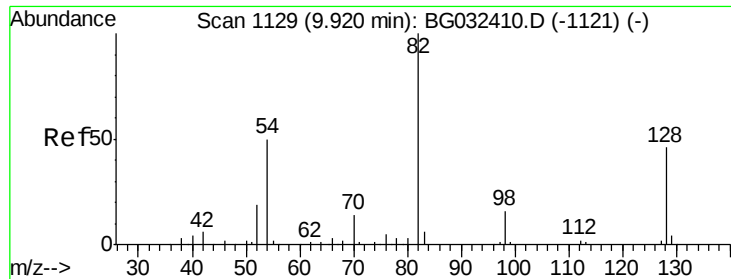
54 5.7 10.3 15.5#

68 3.2 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

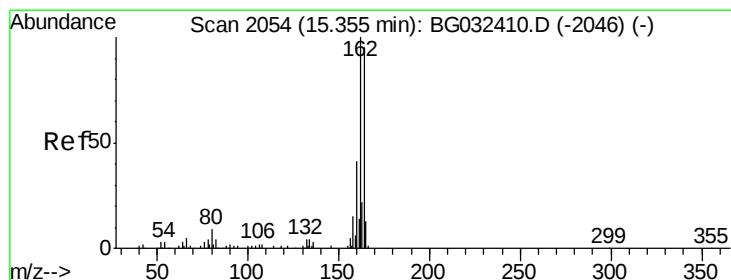
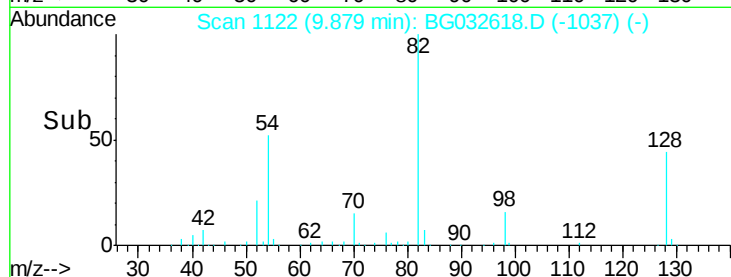
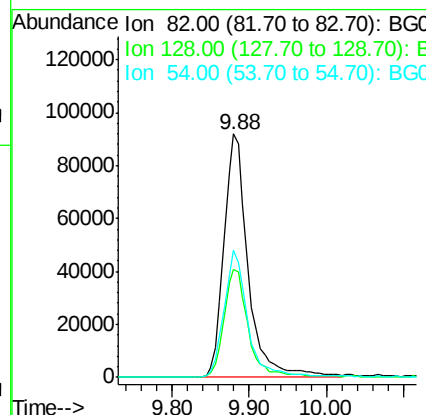
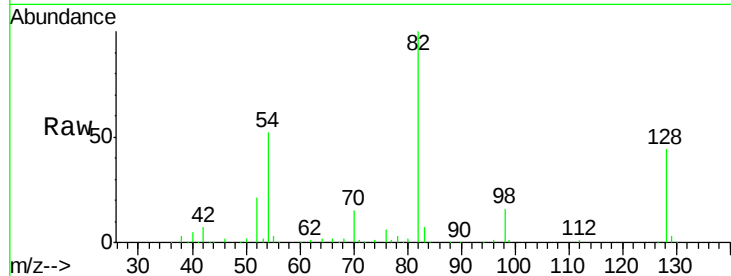




#23
 Nitrobenzene-d5
 Concen: 103.005 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

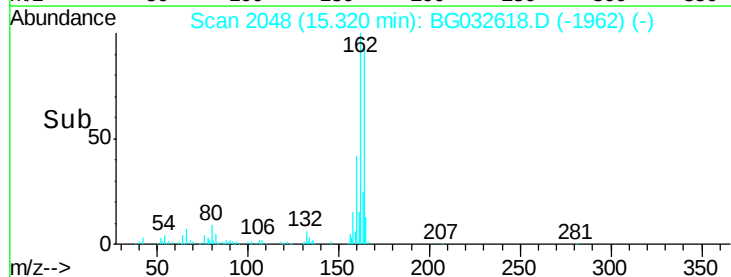
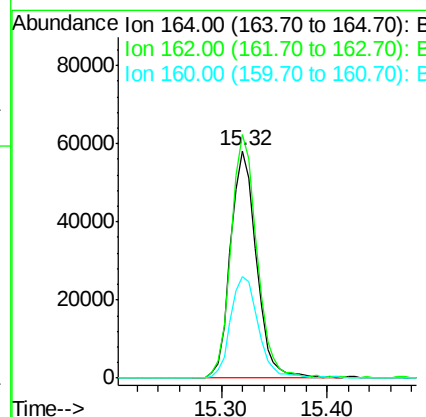
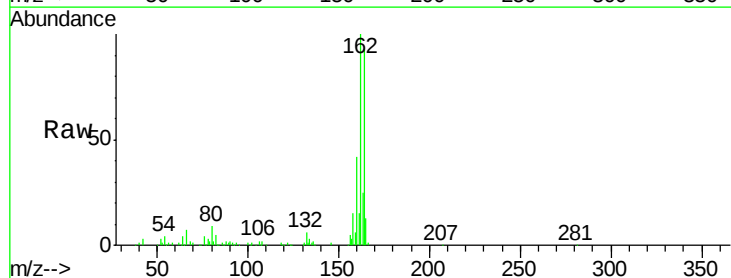
Instrument :
 BNA_G
 ClientSampleId :
 B5

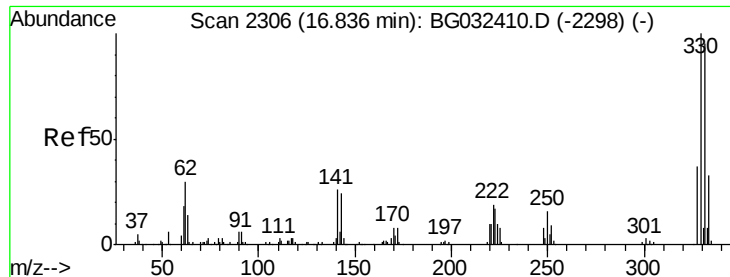
Tot Ion	82	Resp	200681
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.7	44.5
54	52.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

Tgt Ion	164	Resp	98915
Ion Ratio	Lower	Upper	
164	100		
162	107.2	78.8	118.2
160	45.0	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 133.824 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

Instrument :

BNA_G

ClientSampleId :

B5

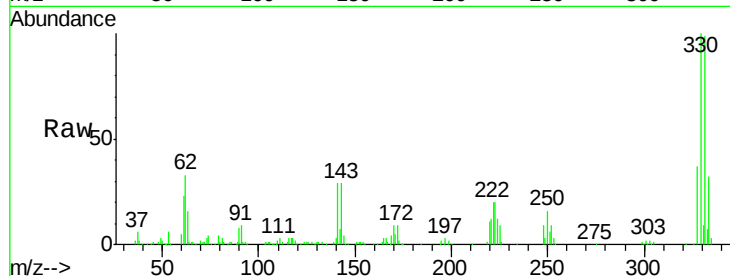
Tot Ion:330 Resp: 251971

Ion Ratio Lower Upper

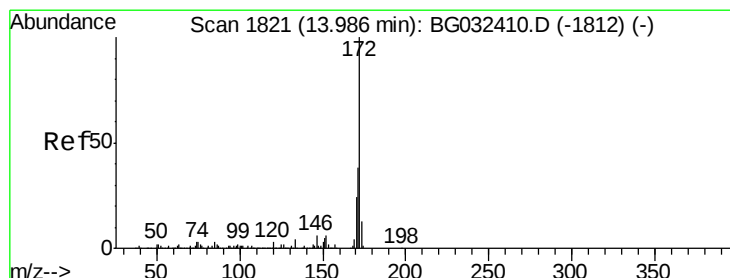
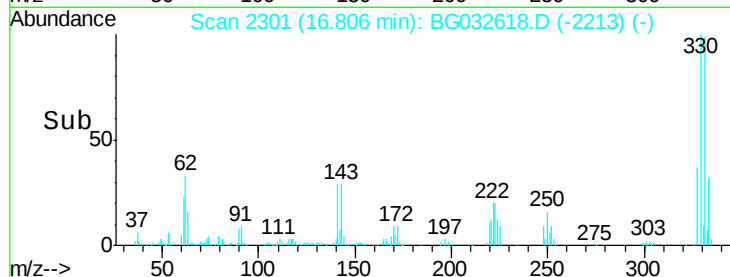
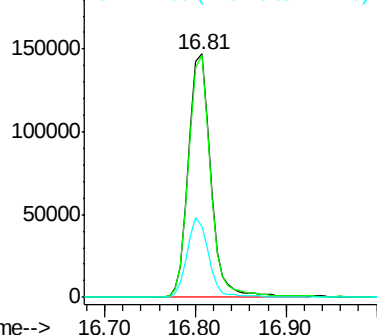
330 100

332 98.0 77.0 115.6

141 31.7 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: 87.544 ng

RT: 13.95 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

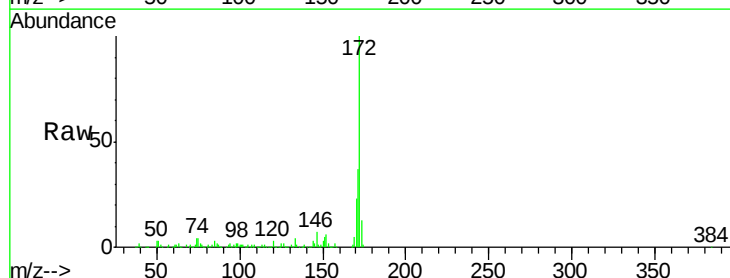
Tgt Ion:172 Resp: 728556

Ion Ratio Lower Upper

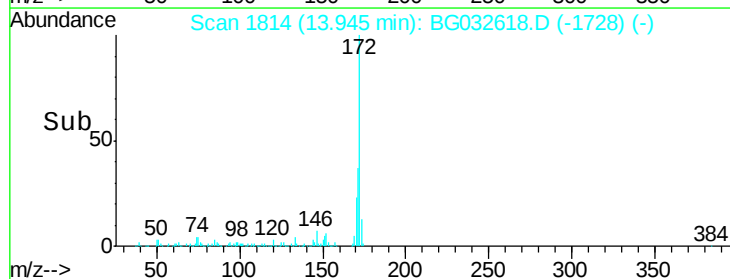
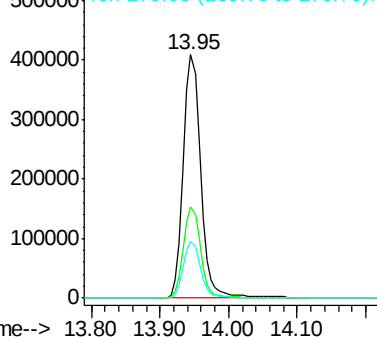
172 100

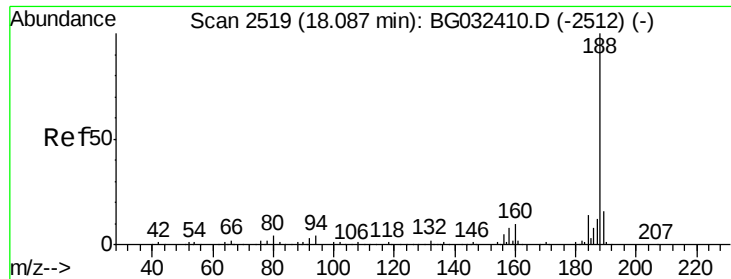
171 37.5 30.0 45.0

170 23.3 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

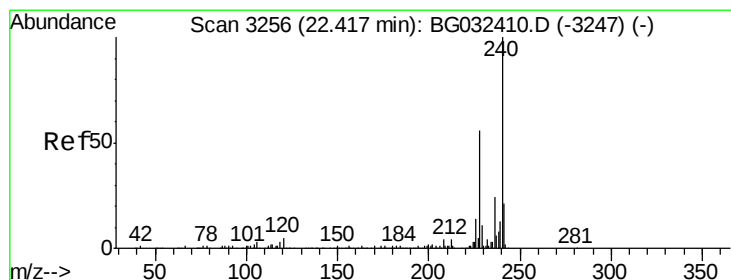
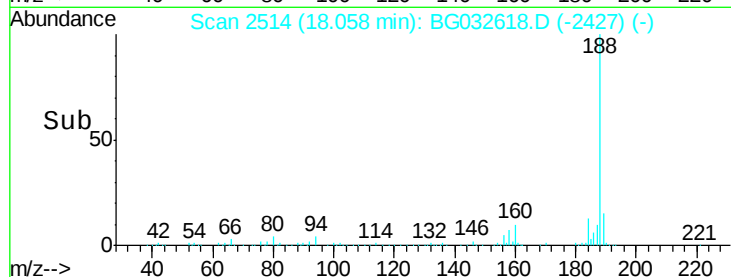
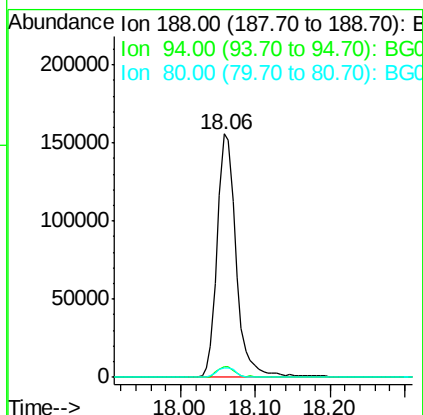
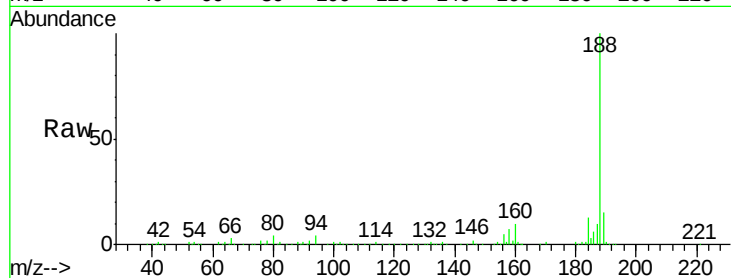




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

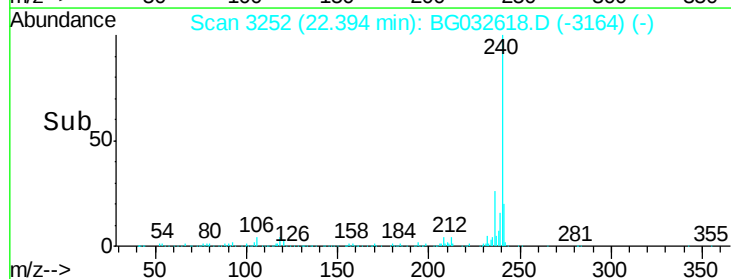
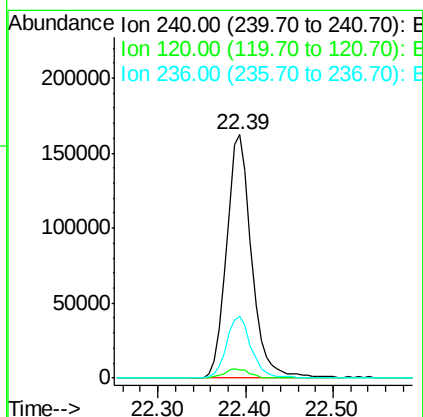
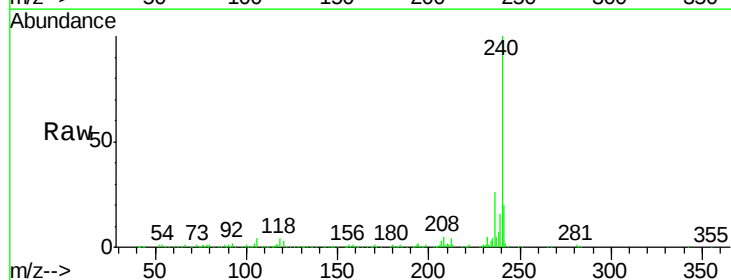
Instrument :
BNA_G
ClientSampleId :
B5

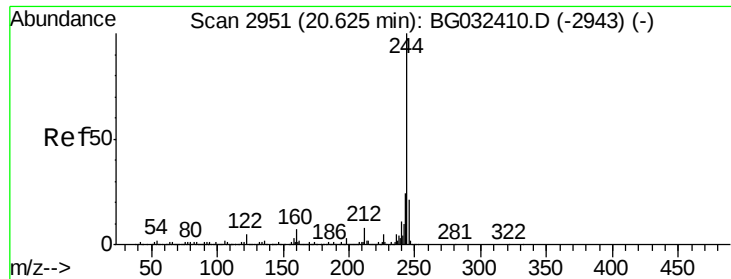
Tot Ion:188 Resp: 276695
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 3.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:240 Resp: 318047
Ion Ratio Lower Upper
240 100
120 3.4 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 94.451 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

Instrument :

BNA_G

ClientSampleId :

B5

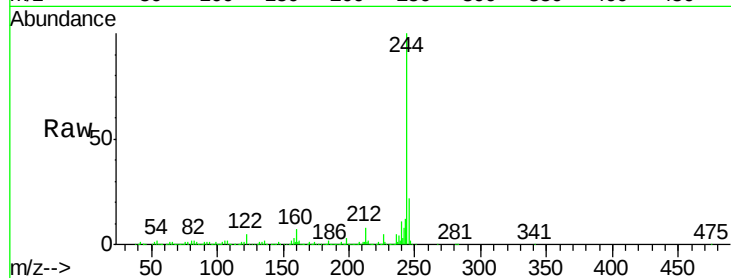
Tot Ion:244 Resp: 1402370

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

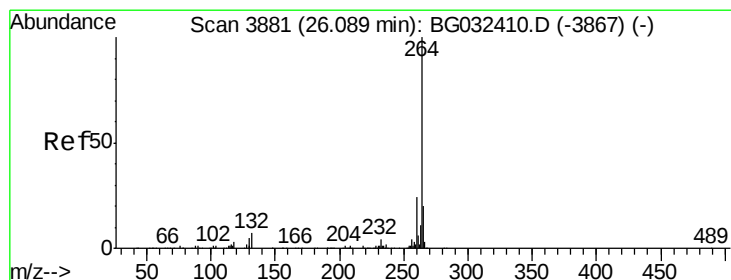
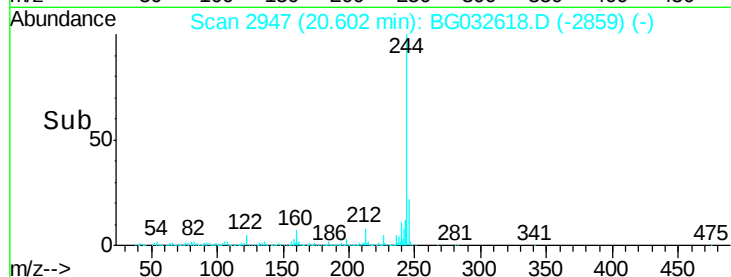
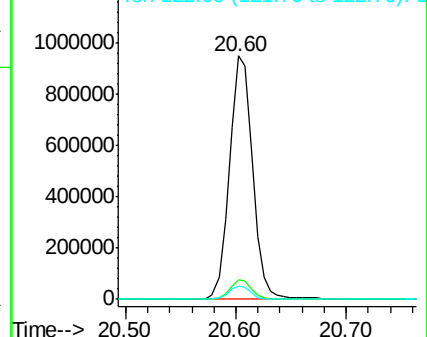
122 5.4 7.0 10.4#



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: 26.06 min Scan# 3876

Delta R.T. -0.01 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

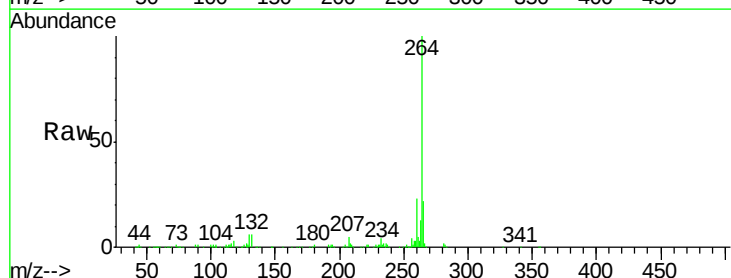
Tgt Ion:264 Resp: 328117

Ion Ratio Lower Upper

264 100

260 23.2 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

