

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032298.D
 Acq On : 25 Jan 2018 18:02
 Operator : SJ/JU
 Sample : PB106006BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106006BL

Quant Time: Jan 26 02:07:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	32158	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	124437	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	96094	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	290393	20.00	ng	0.00
75) Chrysene-d12	22.42	240	367200	20.00	ng	0.00
86) Perylene-d12	26.10	264	389601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	217584	123.75	ng	0.00
7) Phenol-d6	7.84	99	262318	118.46	ng	0.00
23) Nitrobenzene-d5	9.92	82	161292	87.69	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	224635	141.27	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	608680	78.54	ng	0.00
78) Terphenyl-d14	20.63	244	1364075	82.02	ng	0.00

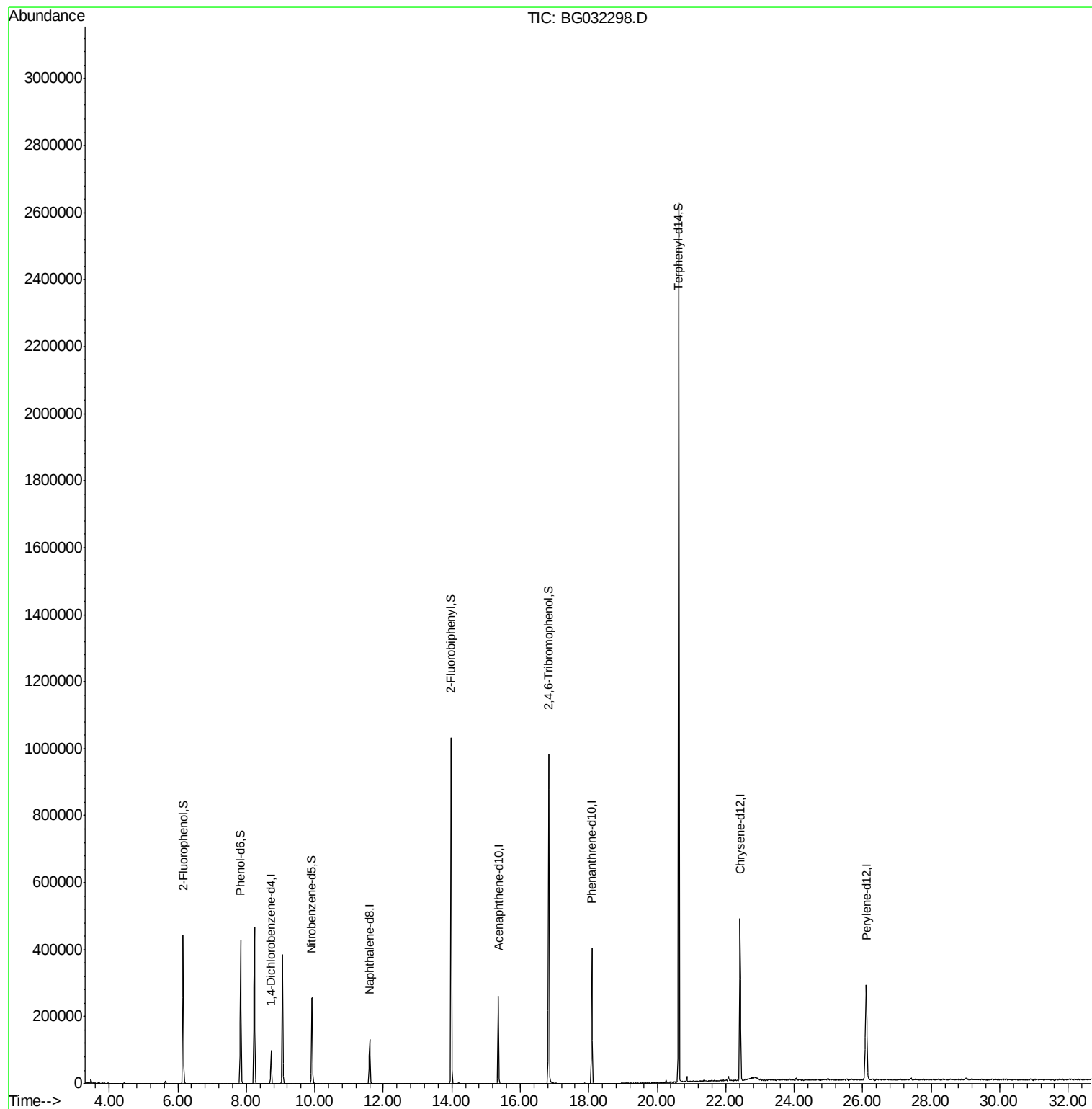
Target Compounds Qvalue

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

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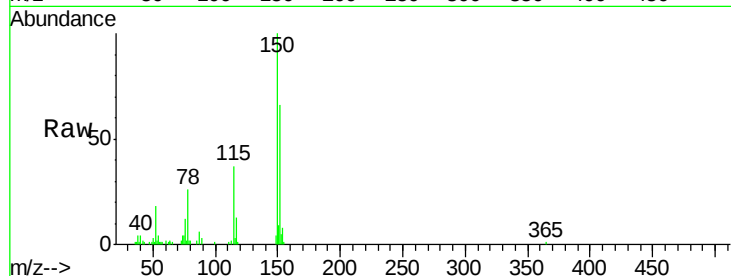


#1

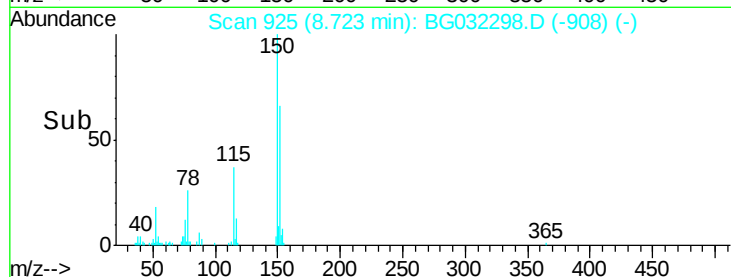
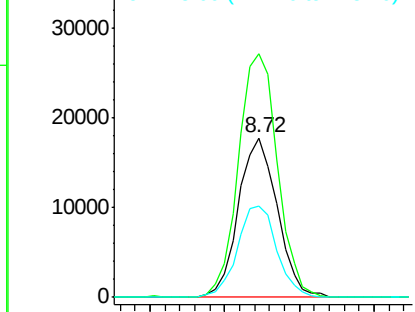
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :
PB106006BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	56.9	53.0	79.4



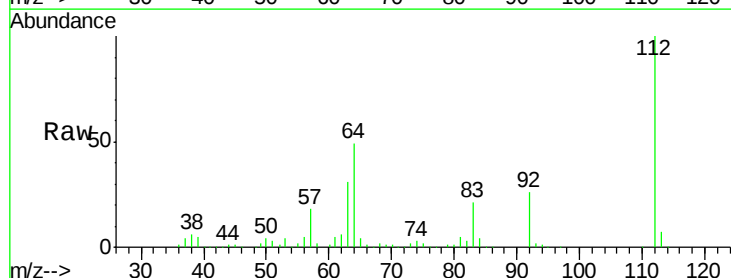
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



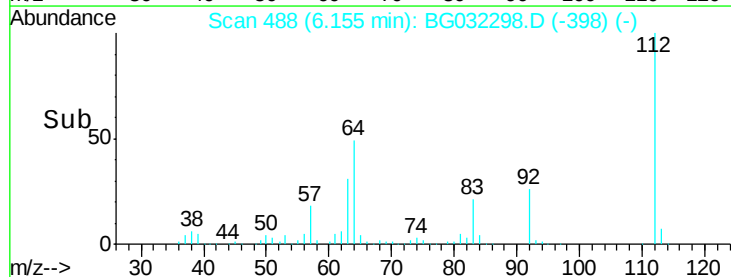
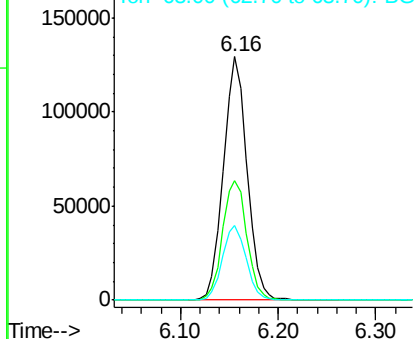
#5

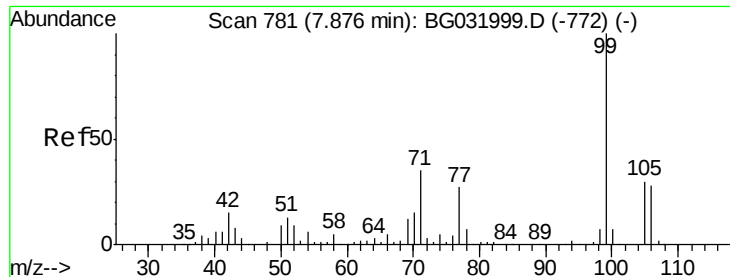
2-Fluorophenol
Concen: 123.747 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	56.3	84.5#
63	30.8	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: 118.457 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

PB106006BL

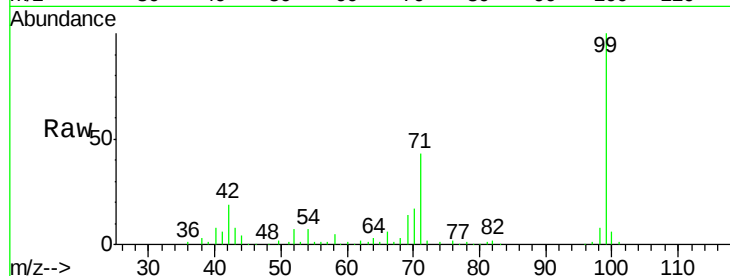
Tot Ion: 99 Resp: 262318

Ion Ratio Lower Upper

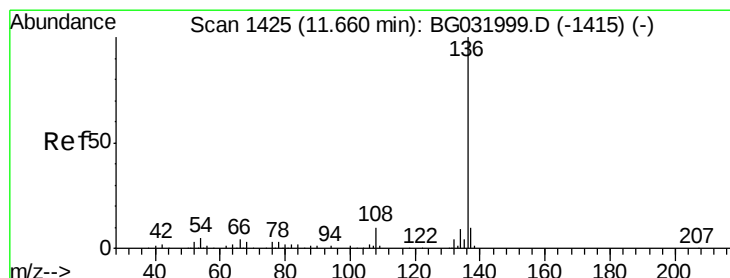
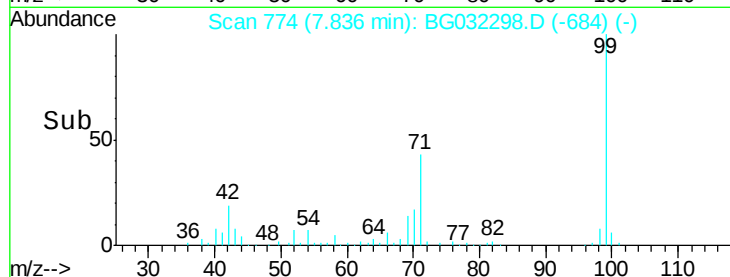
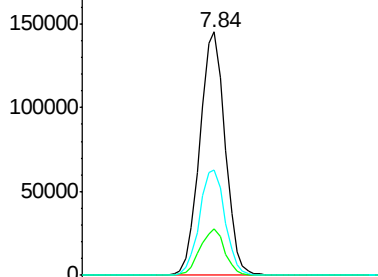
99 100

42 19.0 14.1 21.1

71 43.1 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Tgt Ion: 136 Resp: 124437

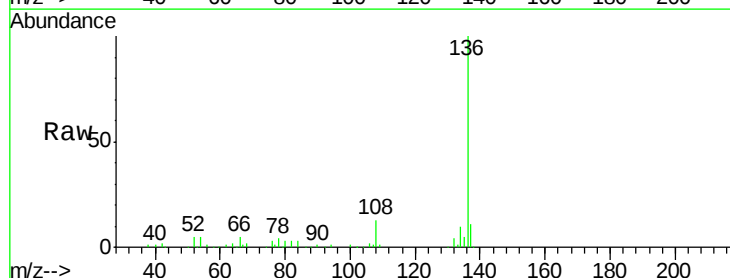
Ion Ratio Lower Upper

136 100

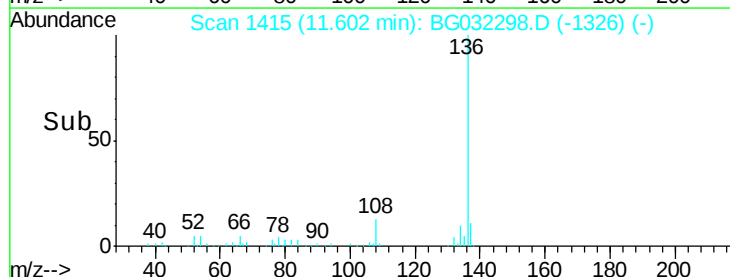
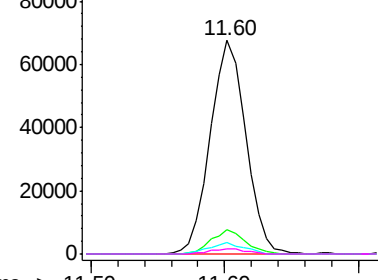
137 11.2 9.2 13.8

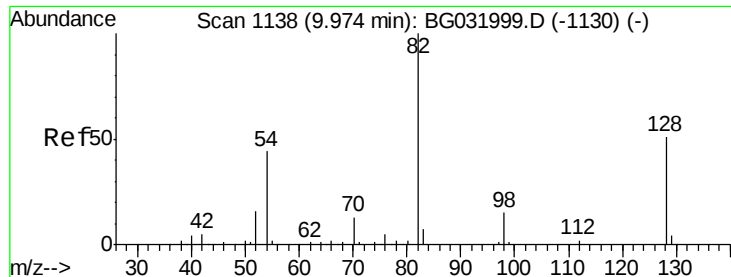
54 5.1 10.3 15.5#

68 2.4 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

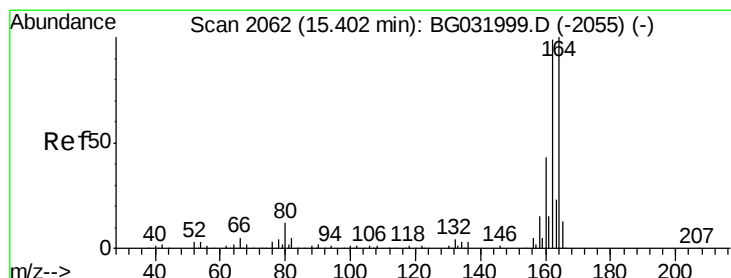
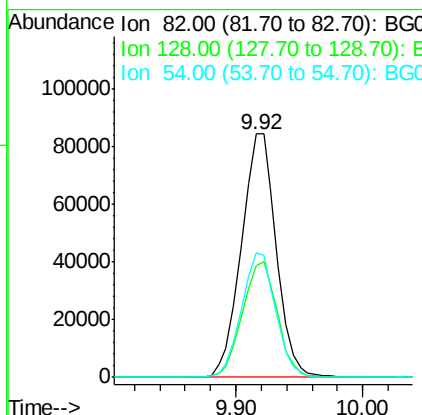
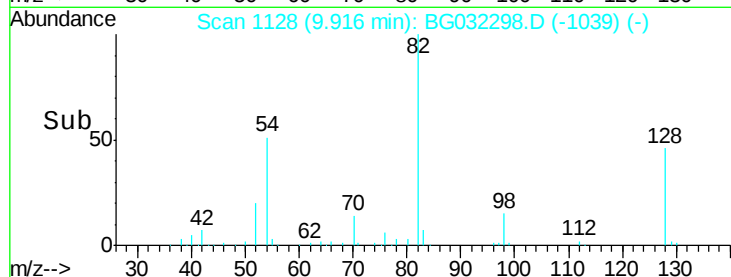
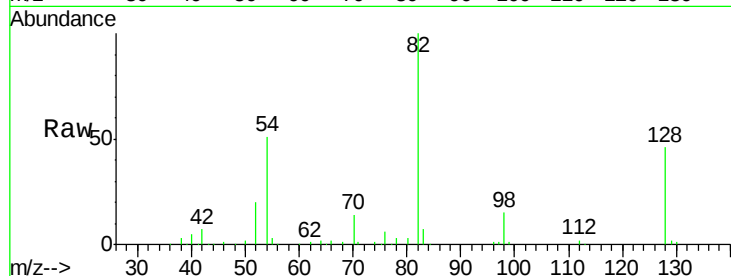




#23
Nitrobenzene-d5
Concen: 87.692 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

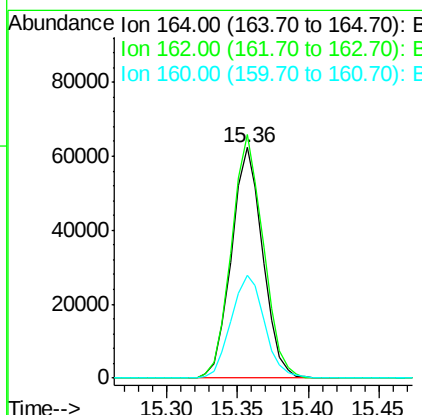
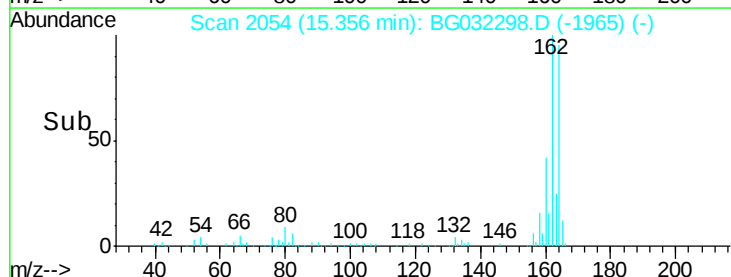
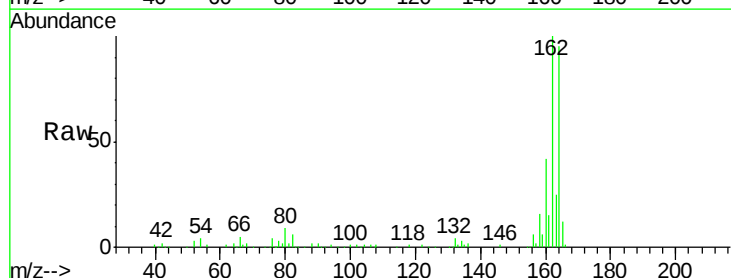
Instrument :
BNA_G
ClientSampleId :
PB106006BL

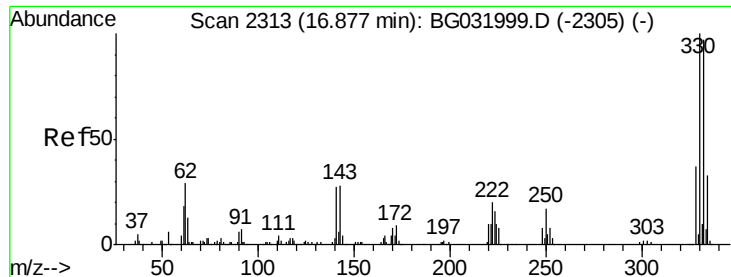
Tot Ion: 82 Resp: 161292
Ion Ratio Lower Upper
82 100
128 45.8 29.7 44.5#
54 51.4 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

Tgt Ion:164 Resp: 96094
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 44.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 141.268 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

PB106006BL

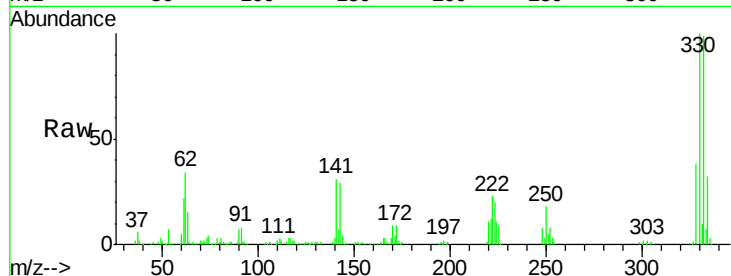
Tot Ion:330 Resp: 224635

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

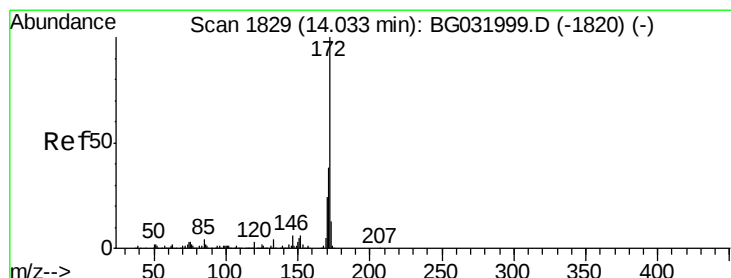
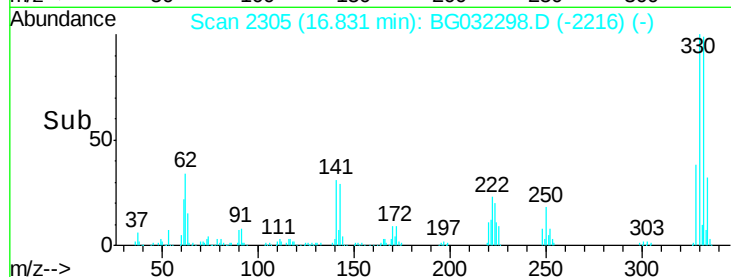
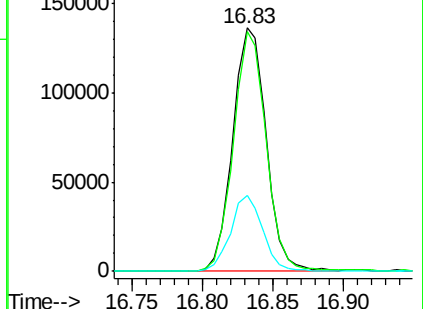
141 30.3 25.2 37.8



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: 78.541 ng

RT: 13.98 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

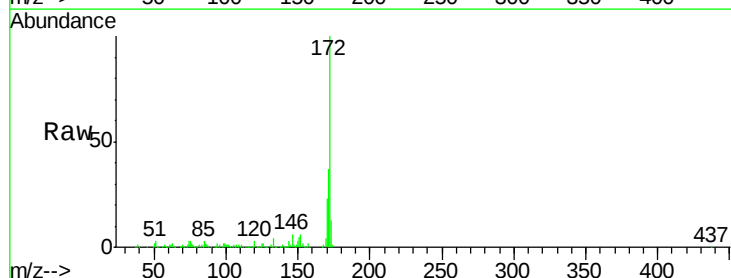
Tgt Ion:172 Resp: 608680

Ion Ratio Lower Upper

172 100

171 37.1 30.0 45.0

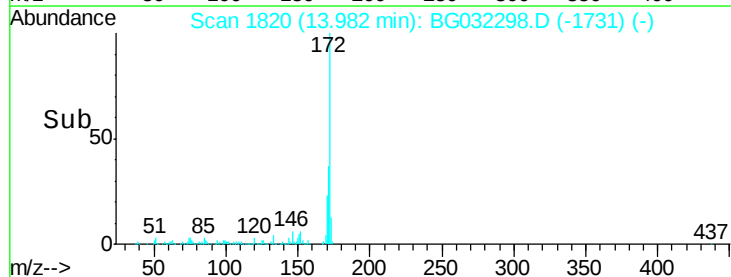
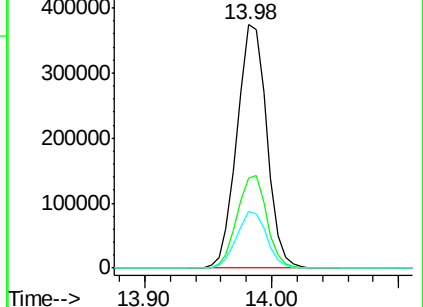
170 23.2 19.5 29.3

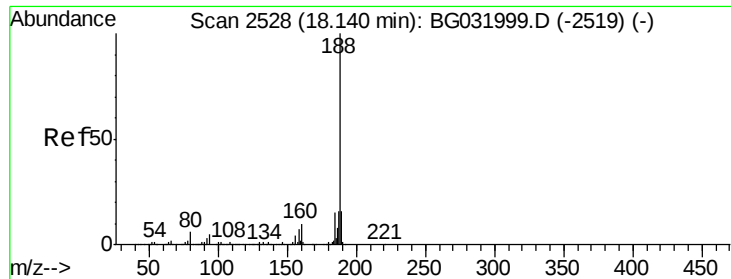


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

PB106006BL

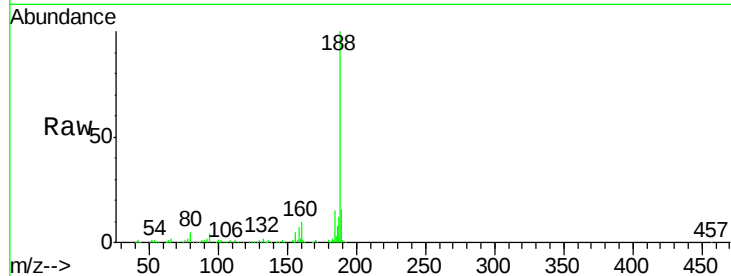
Tot Ion:188 Resp: 290393

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

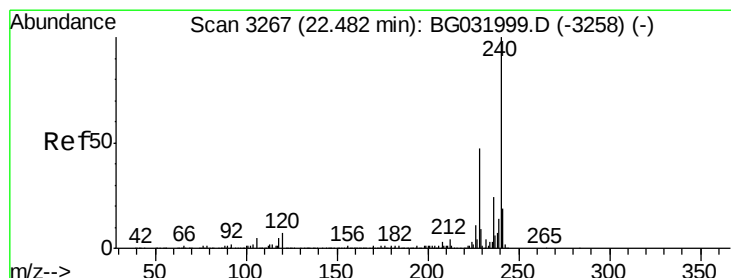
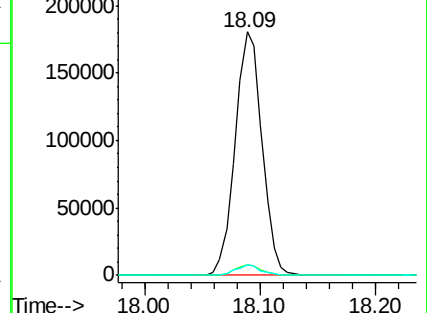
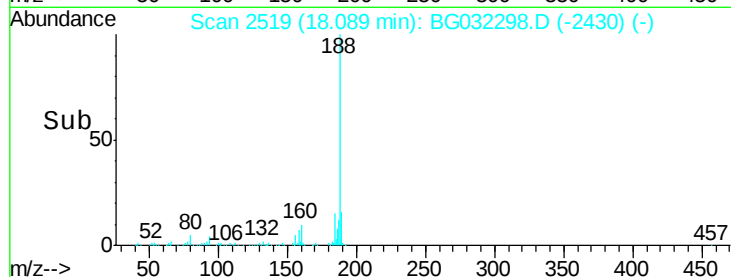
80 4.6 7.7 11.5#



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: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

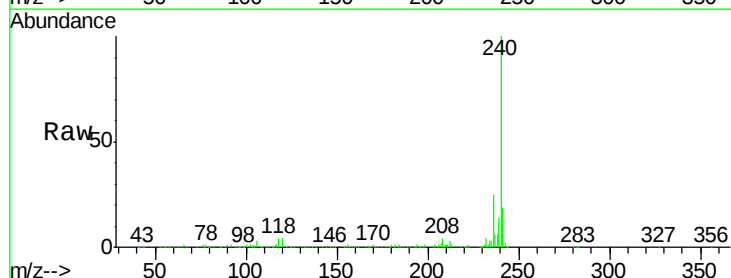
Tgt Ion:240 Resp: 367200

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

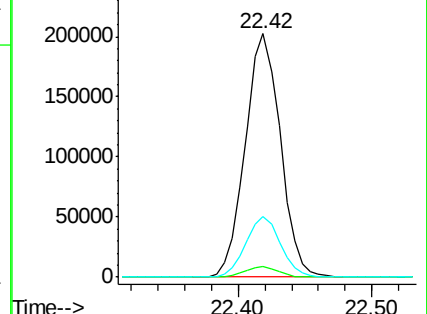
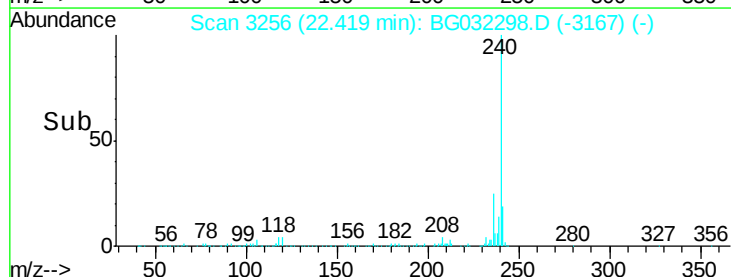
236 24.9 20.9 31.3

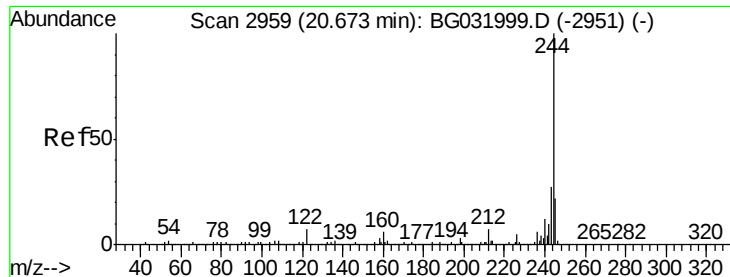


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.024 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

PB106006BL

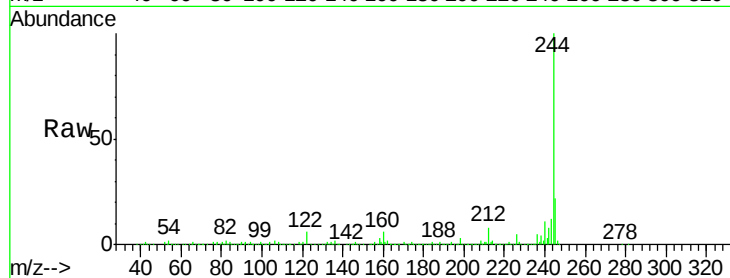
Tot Ion:244 Resp: 1364075

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

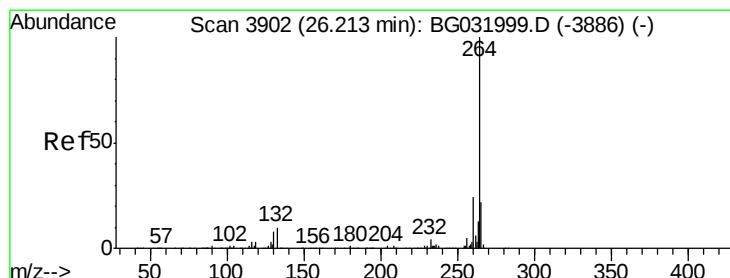
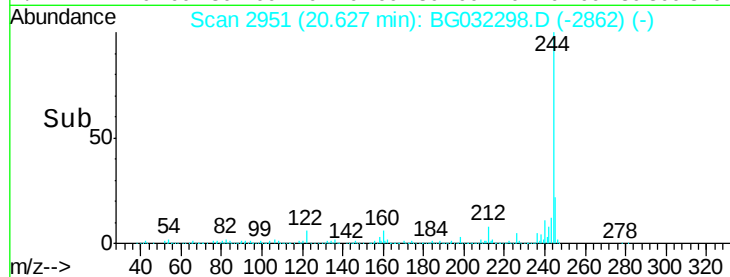
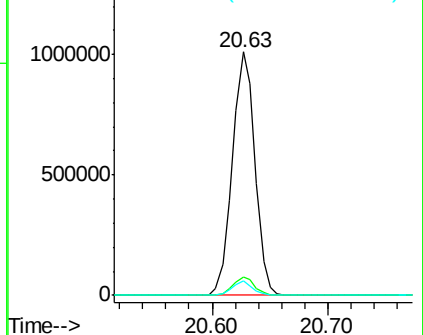
122 5.7 7.0 10.4#



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: 26.10 min Scan# 3883

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

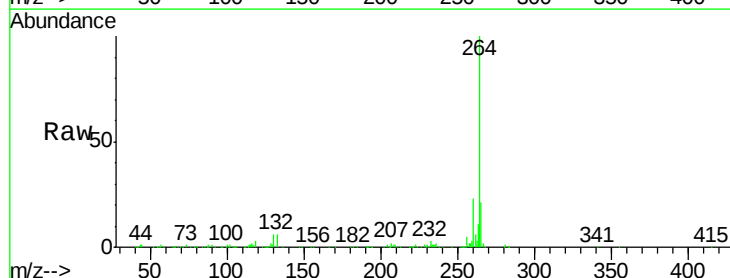
Tgt Ion:264 Resp: 389601

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.9 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

