

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
 Data File : BG032448.D
 Acq On : 30 Jan 2018 19:06
 Operator : SJ/JU
 Sample : PB106183BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BL

Quant Time: Jan 31 01:29:08 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	26447	20.00	ng	-0.02
21) Naphthalene-d8	11.59	136	98235	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	66146	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	183979	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	242515	20.00	ng	-0.01
86) Perylene-d12	26.08	264	256285	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	186268	141.46	ng	0.00
7) Phenol-d6	7.84	99	219302	124.81	ng	0.00
23) Nitrobenzene-d5	9.91	82	135772	86.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	179357	142.45	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	500334	89.90	ng	-0.01
78) Terphenyl-d14	20.62	244	1073350	94.81	ng	-0.01

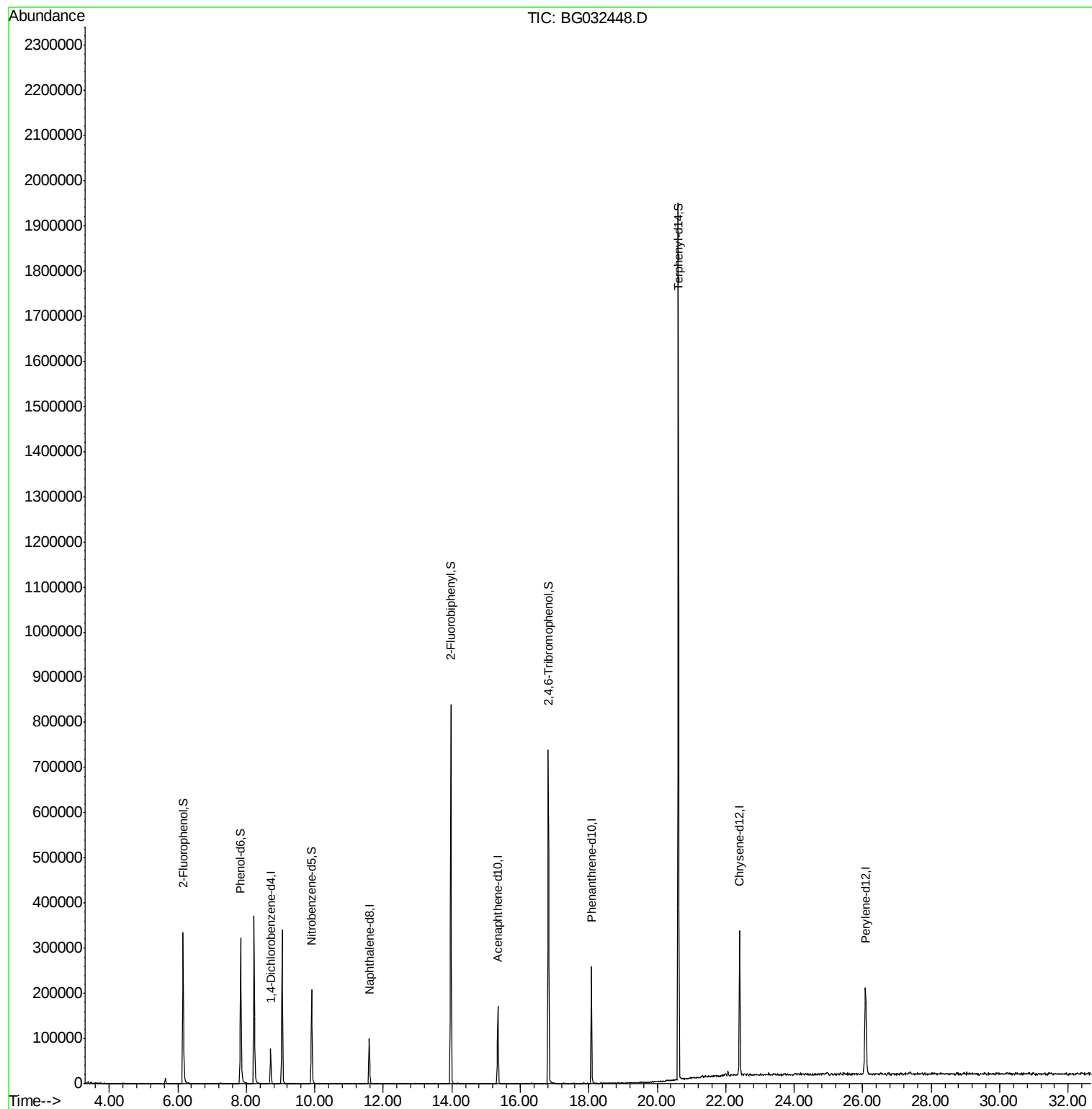
Target Compounds	Qvalue
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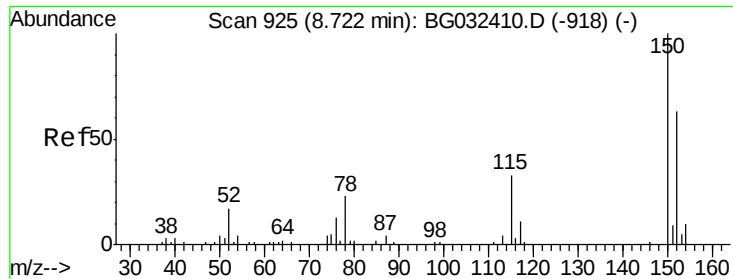
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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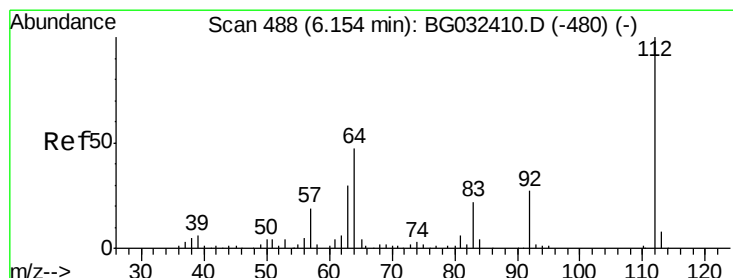
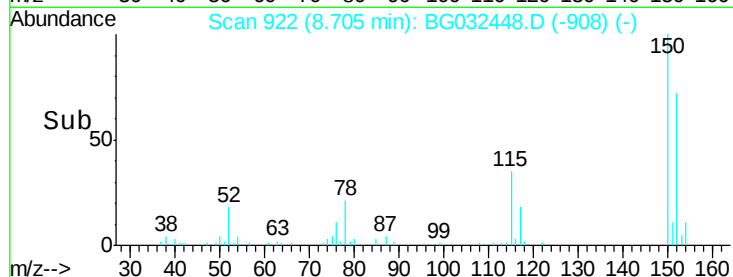
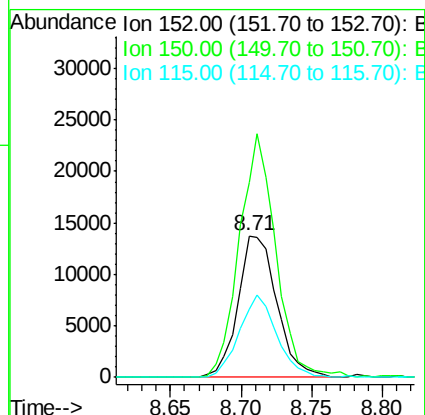
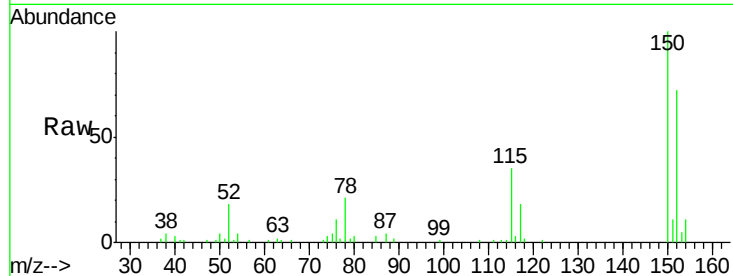


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032448.D
Acq: 30 Jan 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB106183BL

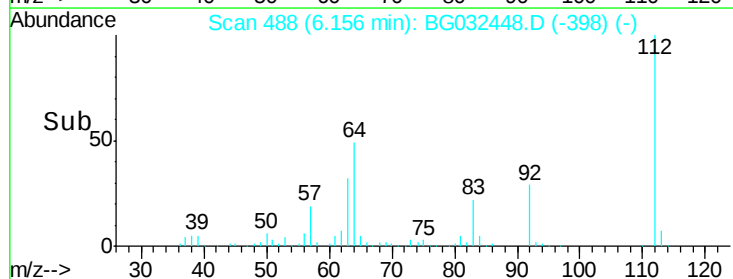
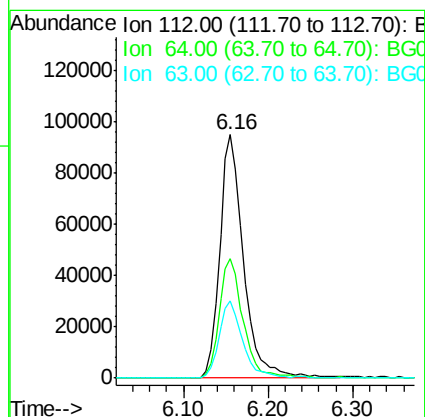
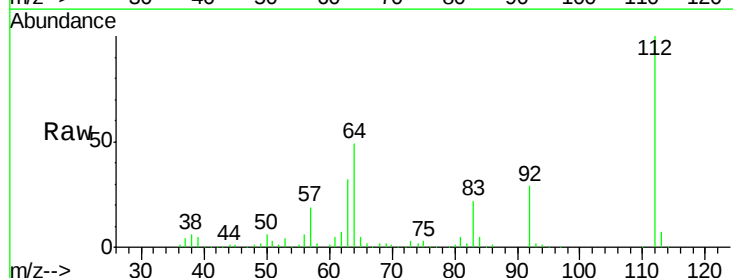
Tgt Ion:152 Resp: 26447
Ion Ratio Lower Upper
152 100
150 138.0 126.6 189.8
115 48.1 53.0 79.4#

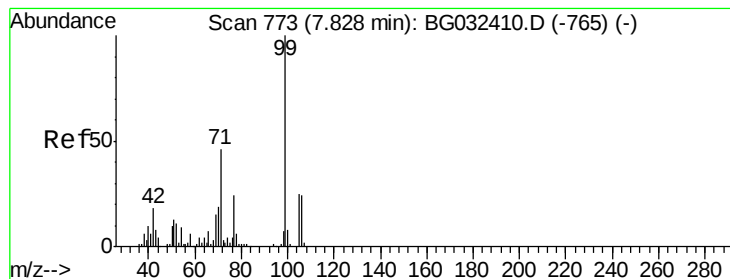


#5

2-Fluorophenol
Concen: 141.464 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032448.D
Acq: 30 Jan 2018 19:06

Tgt Ion:112 Resp: 186268
Ion Ratio Lower Upper
112 100
64 49.1 56.3 84.5#
63 31.9 30.1 45.1





#7

Phenol-d6

Concen: 124.813 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032448.D

Acq: 30 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

PB106183BL

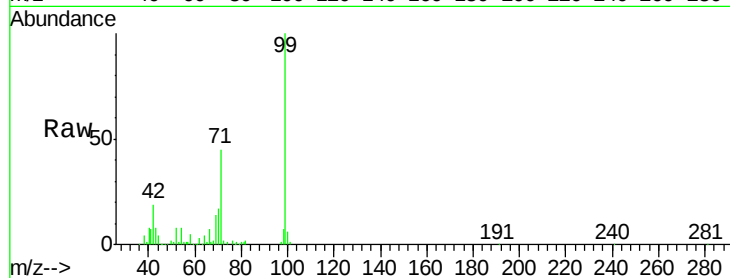
Tgt Ion: 99 Resp: 219302

Ion Ratio Lower Upper

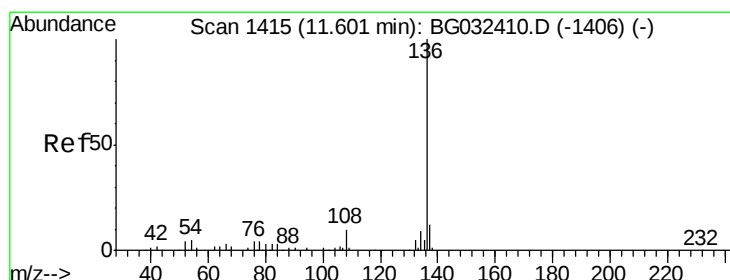
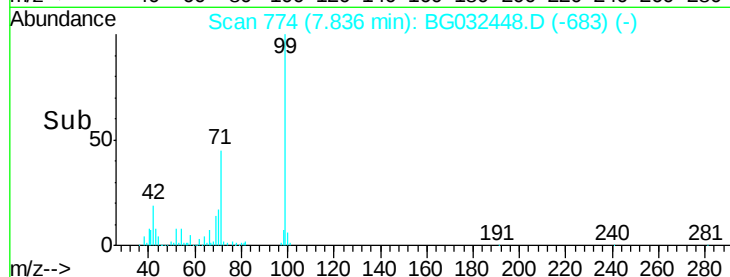
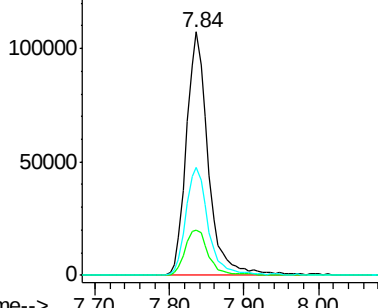
99 100

42 18.6 14.1 21.1

71 44.6 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: BG032448.D

Acq: 30 Jan 2018 19:06

Tgt Ion: 136 Resp: 98235

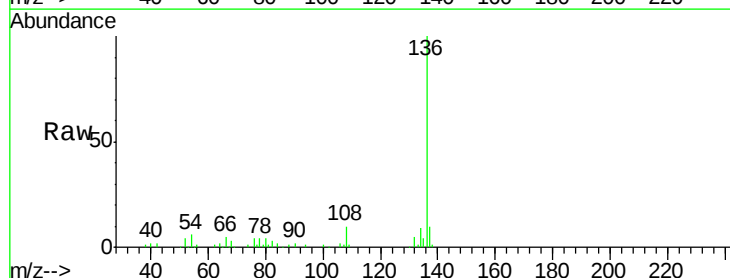
Ion Ratio Lower Upper

136 100

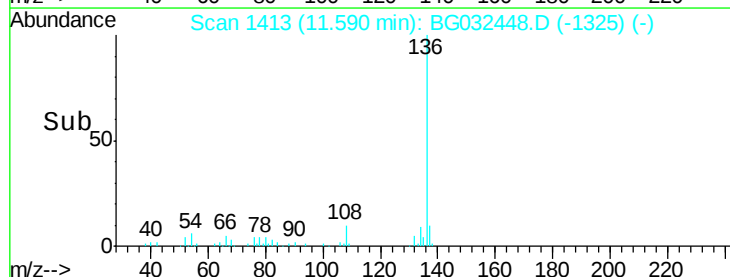
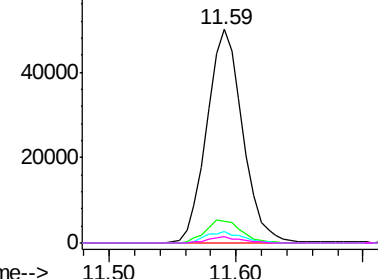
137 10.0 9.2 13.8

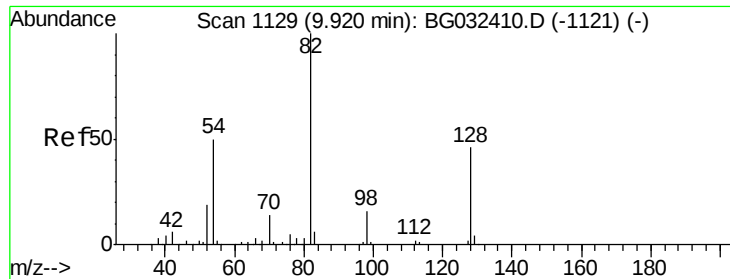
54 5.6 10.3 15.5#

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

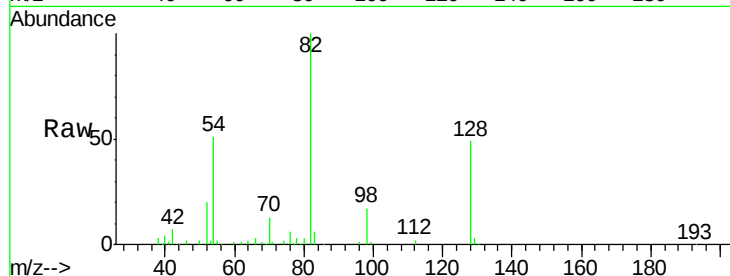




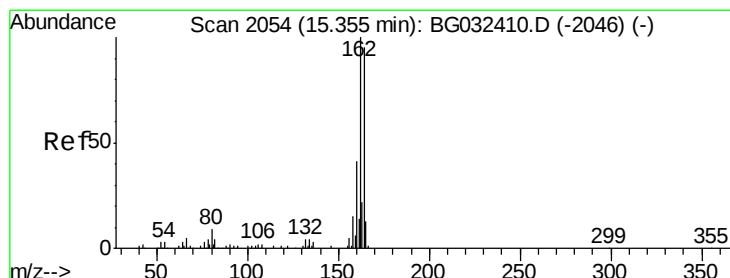
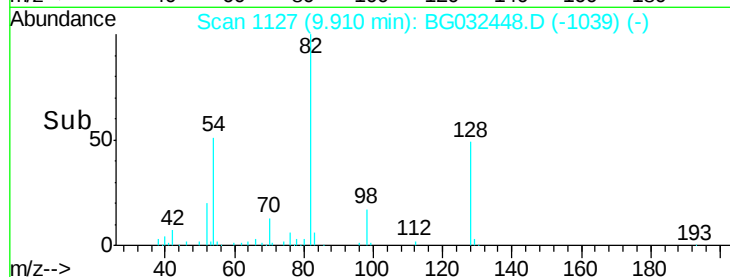
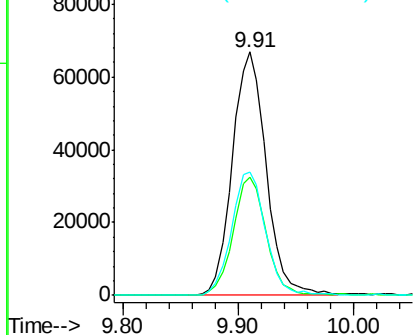
#23
Nitrobenzene-d5
Concen: 86.327 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032448.D
Acq: 30 Jan 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB106183BL

Tgt Ion: 82 Resp: 135772
Ion Ratio Lower Upper
82 100
128 48.6 29.7 44.5#
54 50.8 43.1 64.7

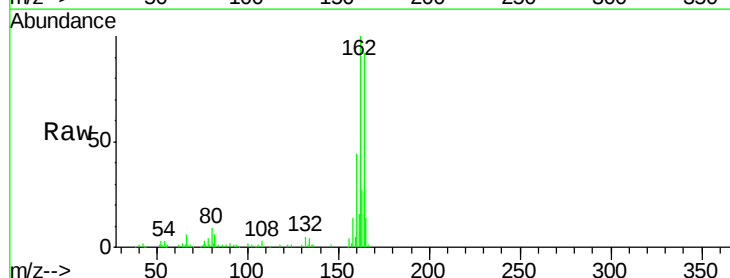


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

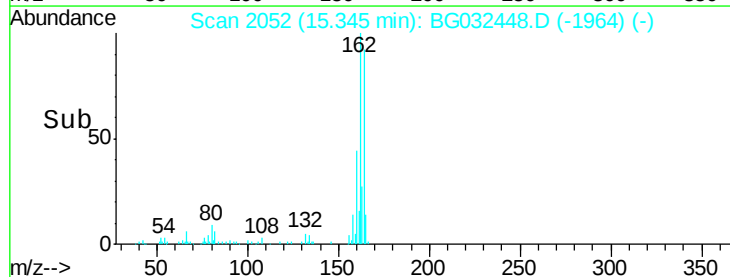
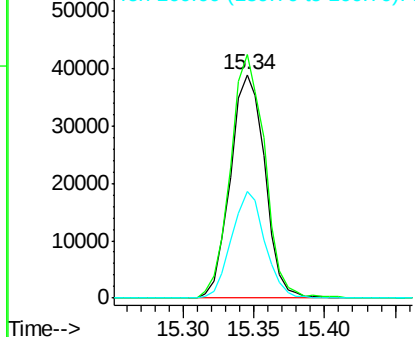


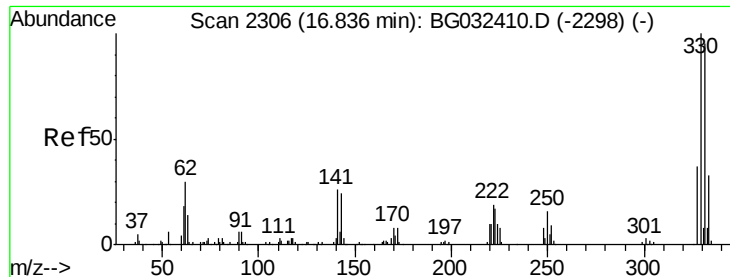
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032448.D
Acq: 30 Jan 2018 19:06

Tgt Ion: 164 Resp: 66146
Ion Ratio Lower Upper
164 100
162 109.1 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: 142.450 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032448.D

Acq: 30 Jan 2018 19:06

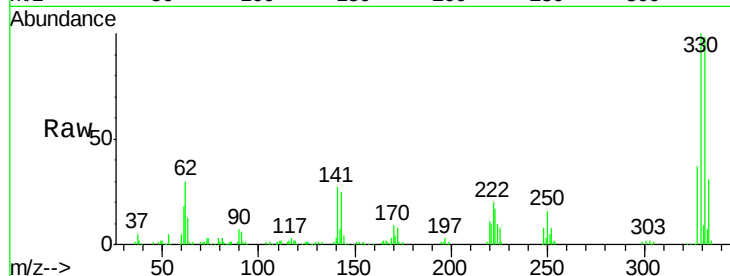
Instrument :

BNA_G

ClientSampled :

PB106183BL

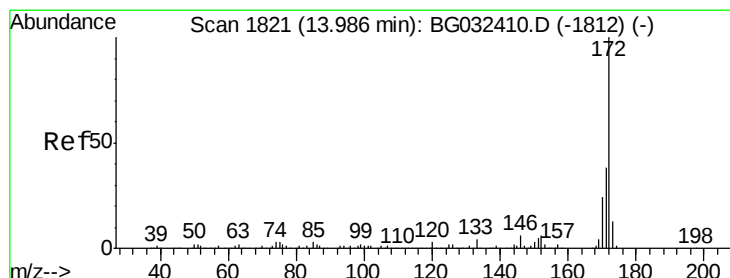
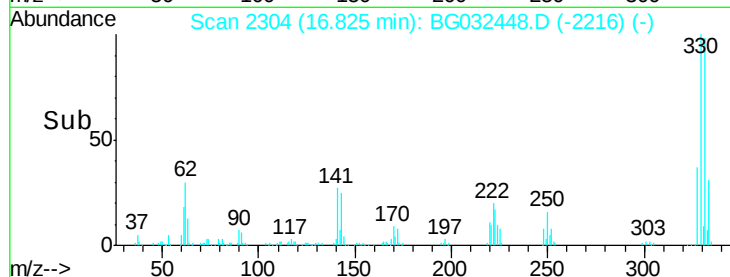
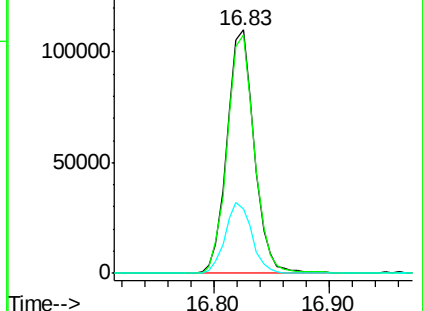
Tgt Ion:	330	Resp:	179357
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	28.7	25.2	37.8



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: 89.904 ng

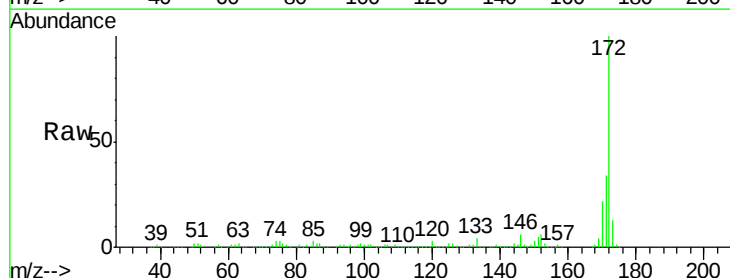
RT: 13.98 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BG032448.D

Acq: 30 Jan 2018 19:06

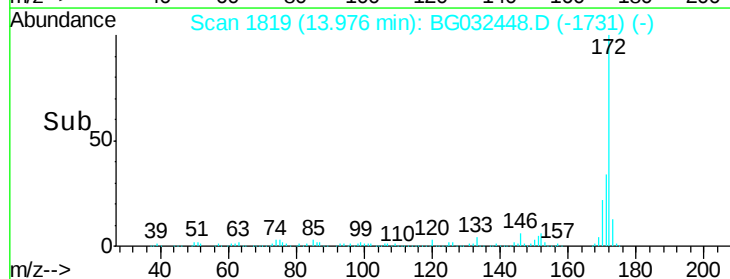
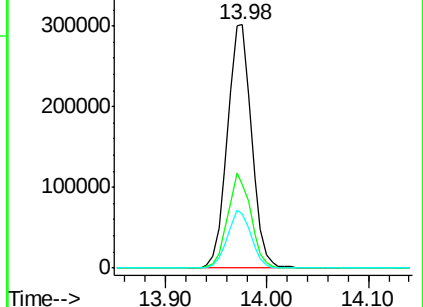
Tgt Ion:	172	Resp:	500334
Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.5	19.5	29.3

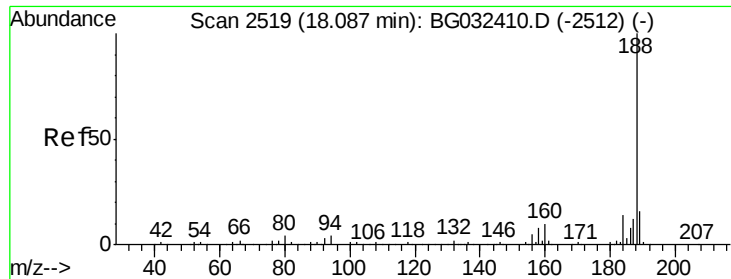


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

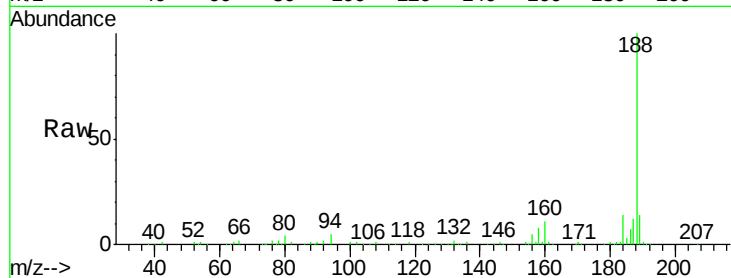




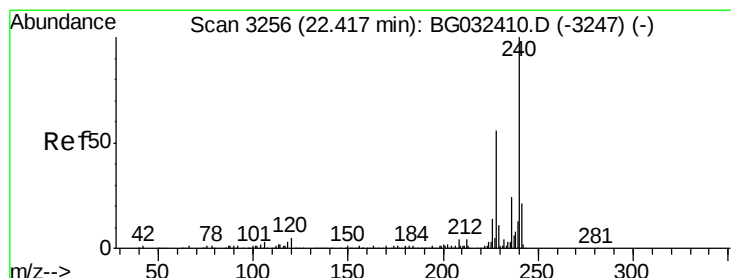
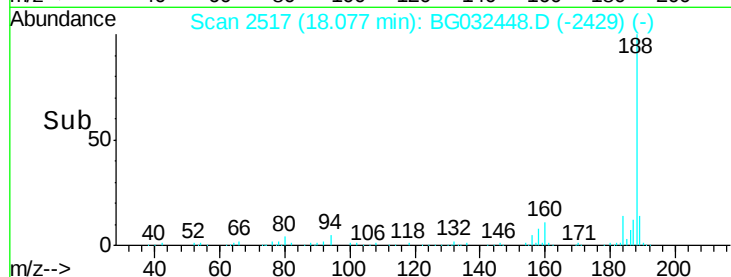
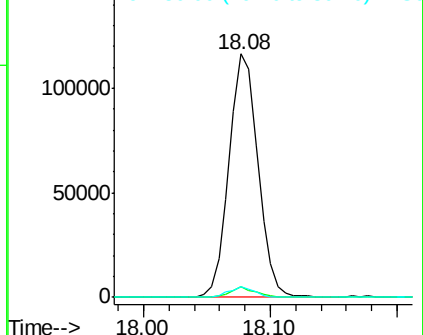
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032448.D
Acq: 30 Jan 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB106183BL

Tgt Ion:188 Resp: 183979
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.4 7.7 11.5#

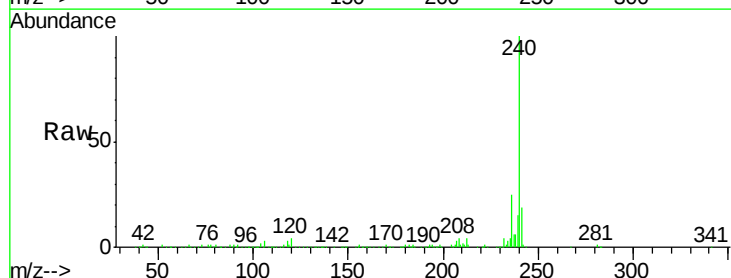


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

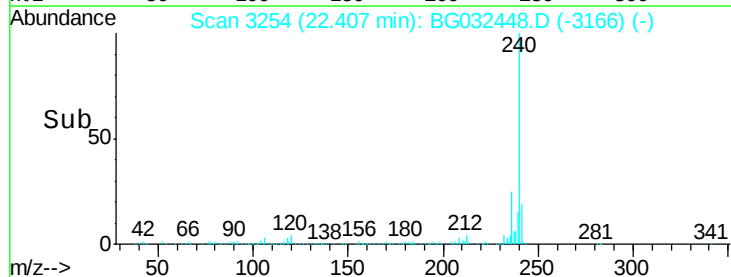
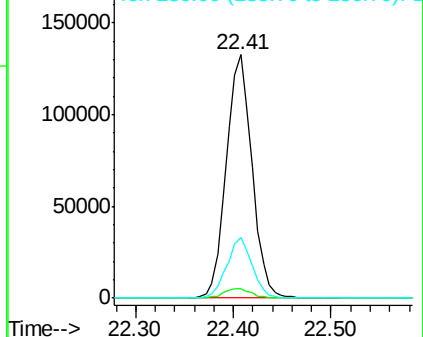


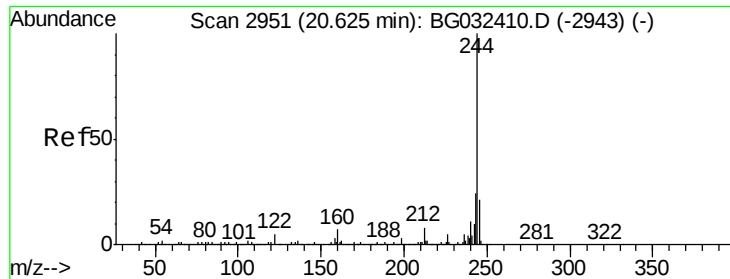
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032448.D
Acq: 30 Jan 2018 19:06

Tgt Ion:240 Resp: 242515
Ion Ratio Lower Upper
240 100
120 4.1 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: 94.807 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032448.D

Acq: 30 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

PB106183BL

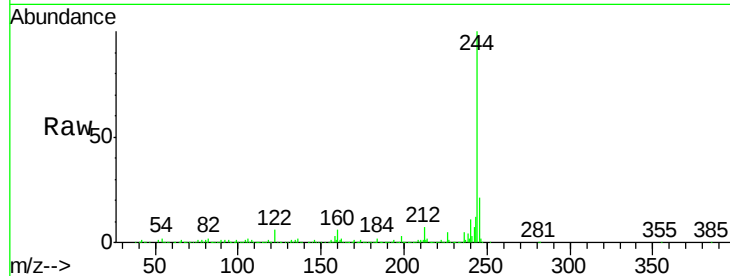
Tgt Ion:244 Resp: 1073350

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

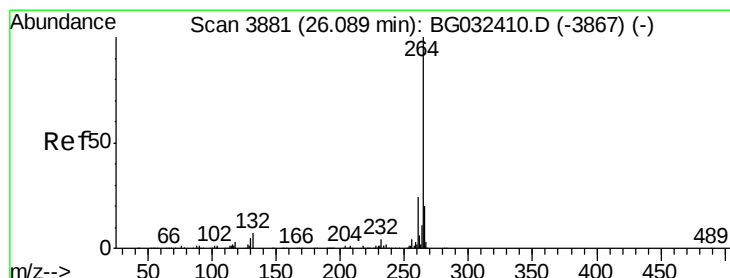
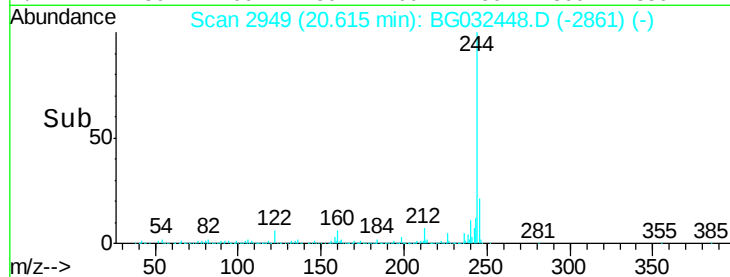
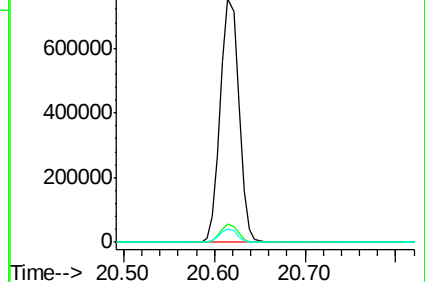
122 5.6 7.0 10.4#



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: BG032448.D

Acq: 30 Jan 2018 19:06

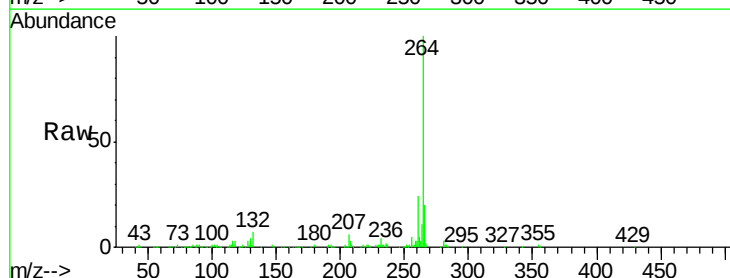
Tgt Ion:264 Resp: 256285

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 19.6 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

