

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032311.D
 Acq On : 26 Jan 2018 2:11
 Operator : SJ/JU
 Sample : PB105983BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105983BL

Quant Time: Jan 26 03:50:12 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	32911	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	128967	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	94554	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	279087	20.00	ng	0.00
75) Chrysene-d12	22.42	240	354501	20.00	ng	0.00
86) Perylene-d12	26.10	264	376599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	206783	114.91	ng	0.00
7) Phenol-d6	7.84	99	249451	110.07	ng	0.00
23) Nitrobenzene-d5	9.92	82	157680	82.72	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	184465	117.90	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	580569	76.13	ng	0.00
78) Terphenyl-d14	20.63	244	1285583	80.07	ng	0.00

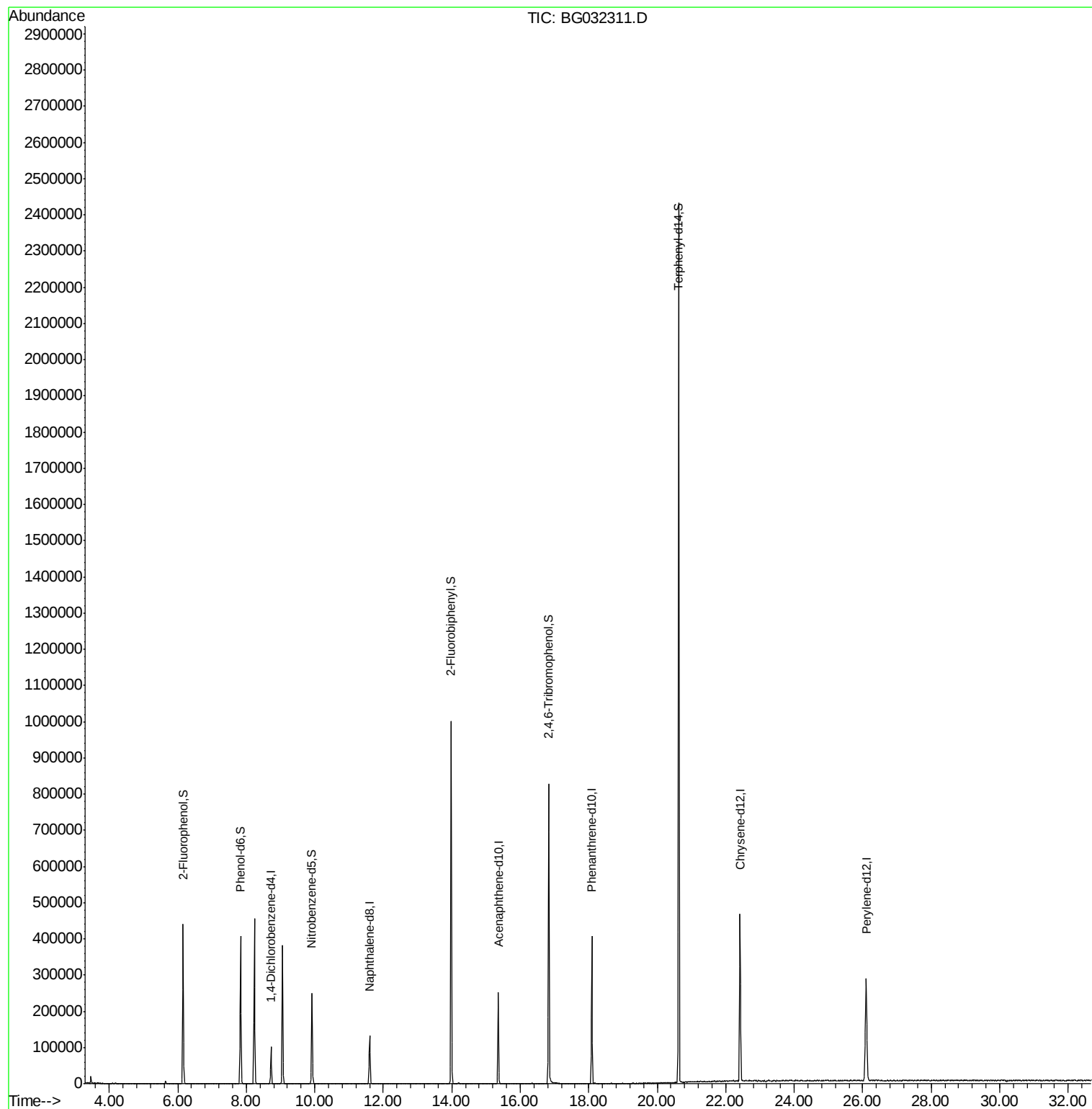
Target Compounds Qvalue

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

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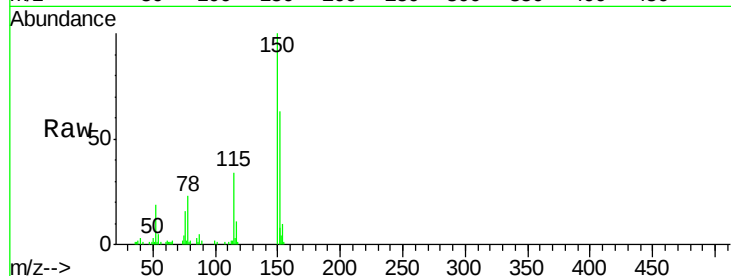


#1

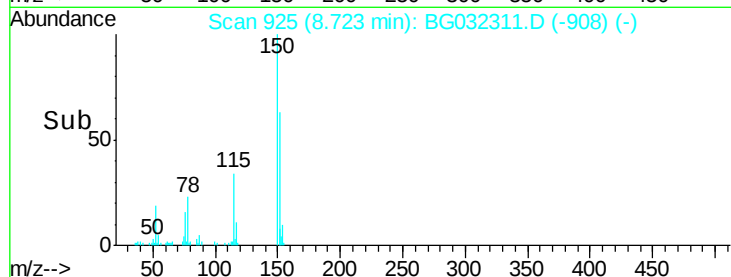
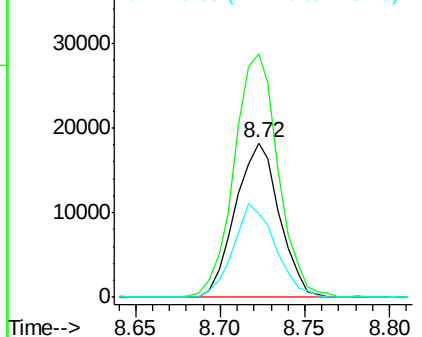
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032311.D
Acq: 26 Jan 2018 2:11

Instrument :
BNA_G
ClientSampleId :
PB105983BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	54.1	53.0	79.4



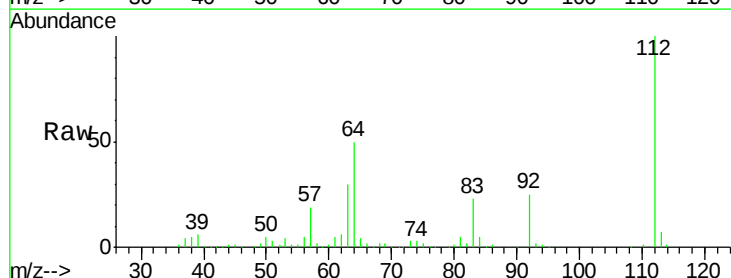
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



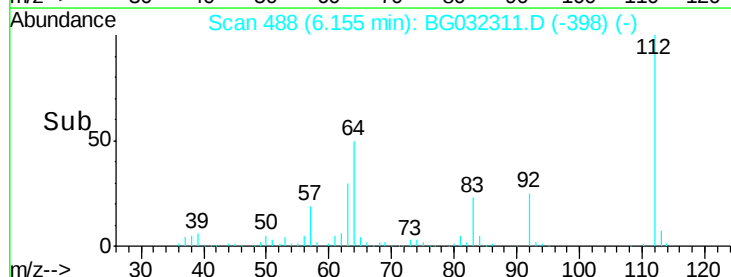
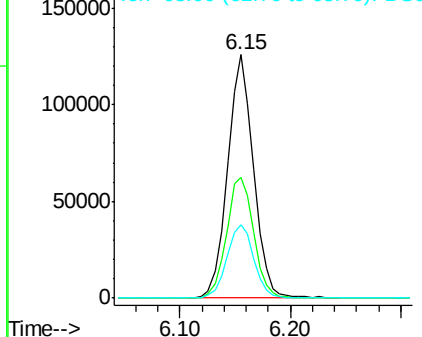
#5

2-Fluorophenol
Concen: 114.914 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032311.D
Acq: 26 Jan 2018 2:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	56.3	84.5#
63	30.2	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: 110.069 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032311.D

Acq: 26 Jan 2018 2:11

Instrument :

BNA_G

ClientSampleId :

PB105983BL

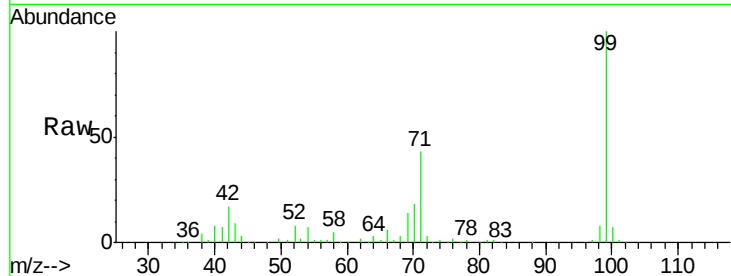
Tot Ion: 99 Resp: 249451

Ion Ratio Lower Upper

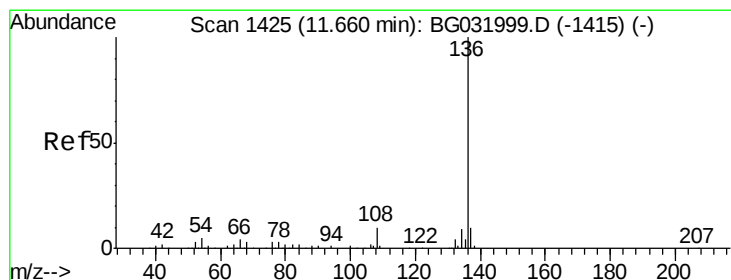
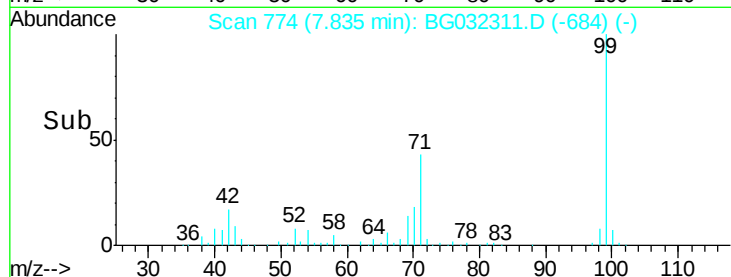
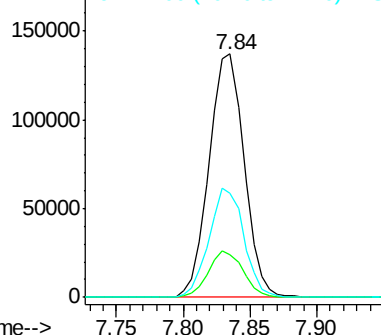
99 100

42 17.3 14.1 21.1

71 42.7 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: BG032311.D

Acq: 26 Jan 2018 2:11

Tgt Ion: 136 Resp: 128967

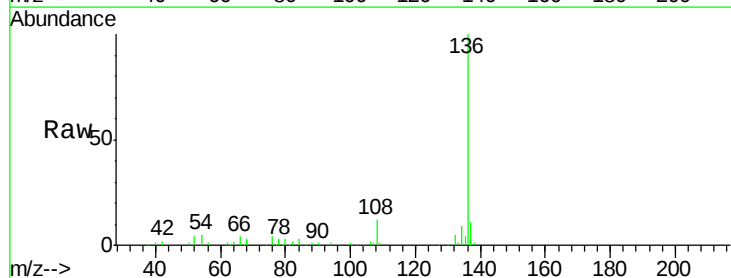
Ion Ratio Lower Upper

136 100

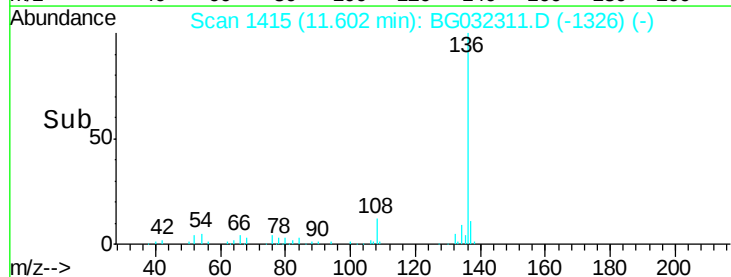
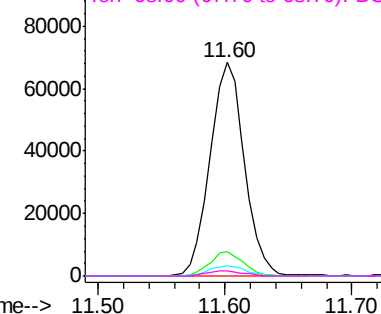
137 11.5 9.2 13.8

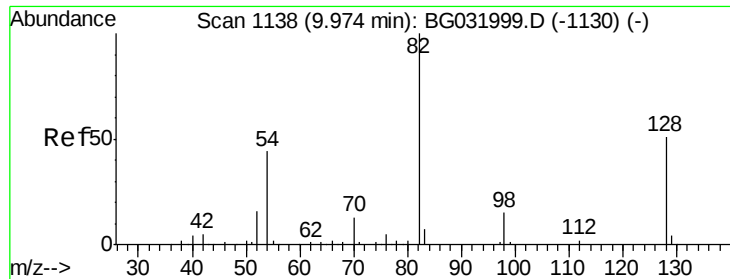
54 4.7 10.3 15.5#

68 2.5 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

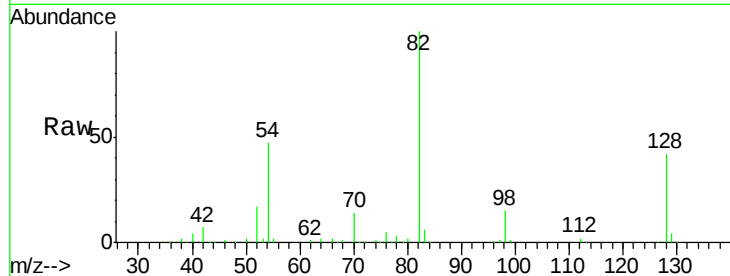




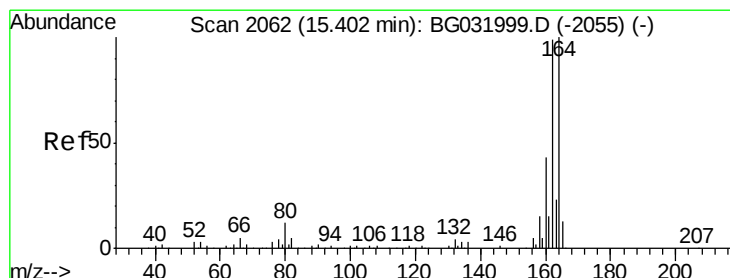
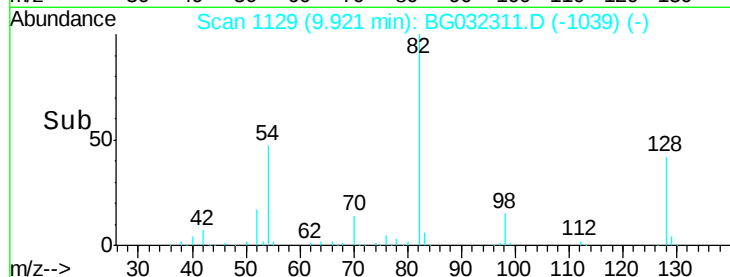
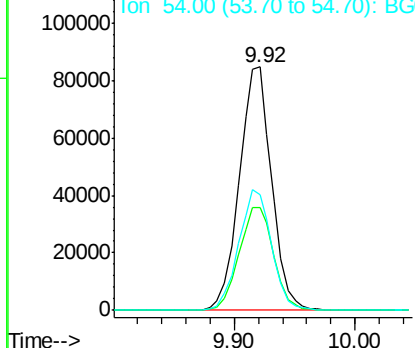
#23
Nitrobenzene-d5
Concen: 82.717 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032311.D
Acq: 26 Jan 2018 2:11

Instrument :
BNA_G
ClientSampled :
PB105983BL

Tot Ion	82	Resp	157680
Ion Ratio	100	Lower	Upper
128	42.0	29.7	44.5
54	47.3	43.1	64.7

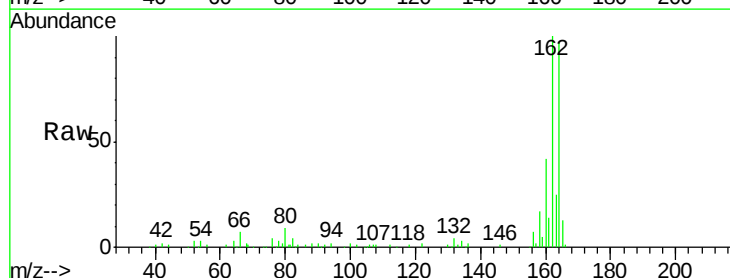


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

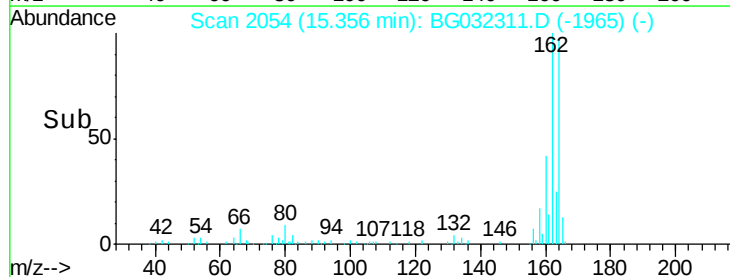
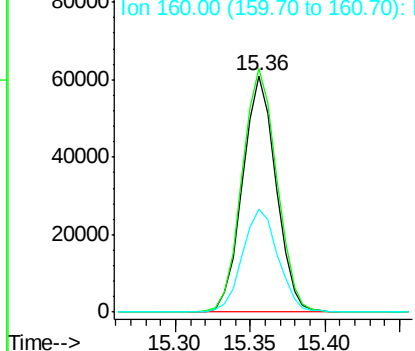


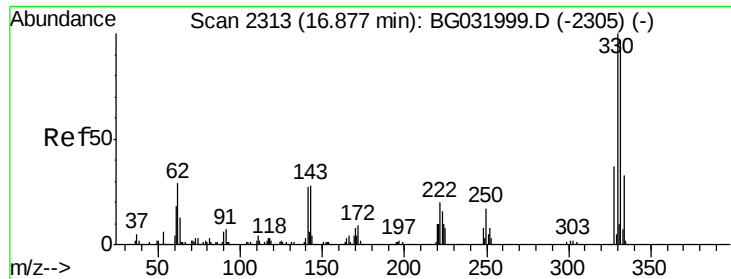
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032311.D
Acq: 26 Jan 2018 2:11

Tgt Ion	164	Resp	94554
Ion Ratio	100	Lower	Upper
162	103.2	78.8	118.2
160	43.3	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

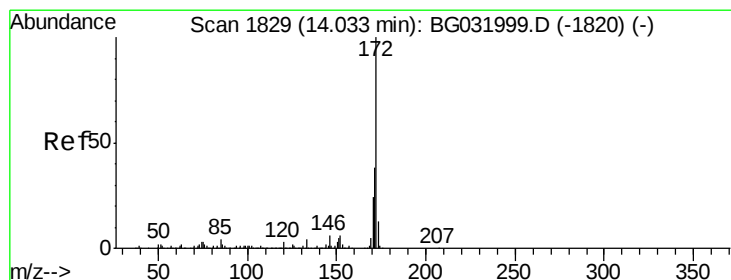
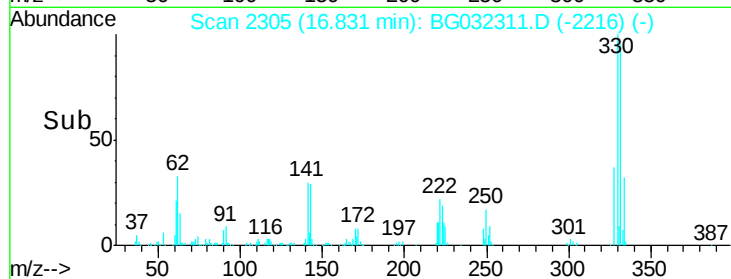
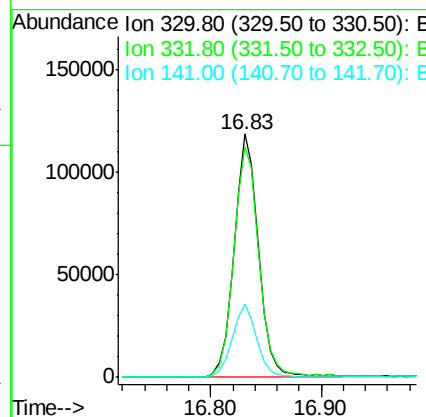
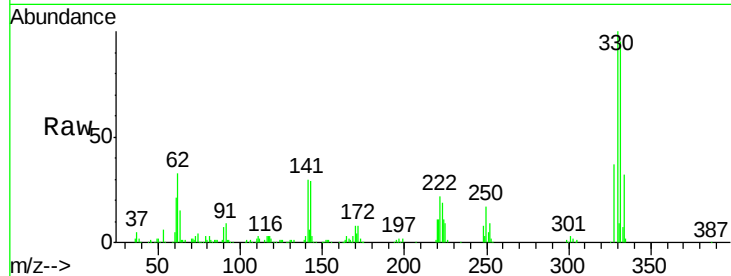




#41
 2,4,6-Tribromophenol
 Concen: 117.896 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032311.D
 Acq: 26 Jan 2018 2:11

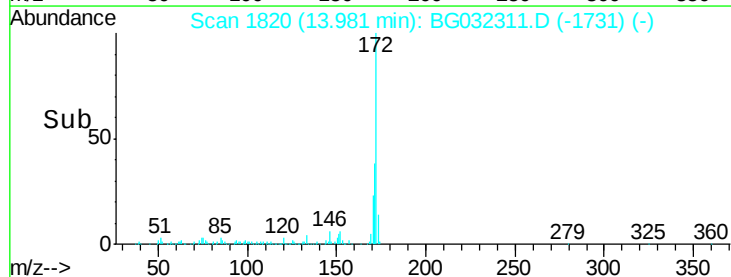
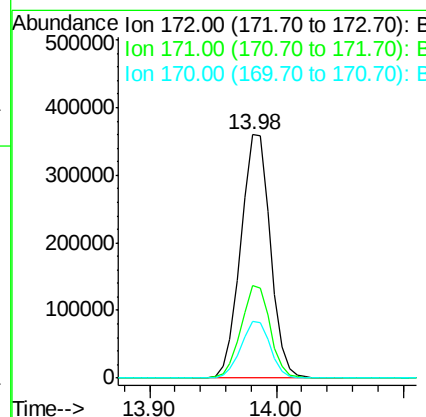
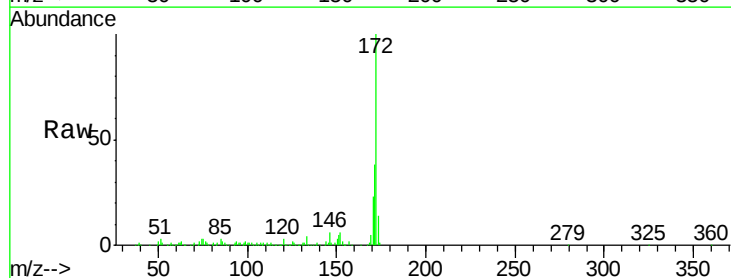
Instrument :
 BNA_G
 ClientSampleId :
 PB105983BL

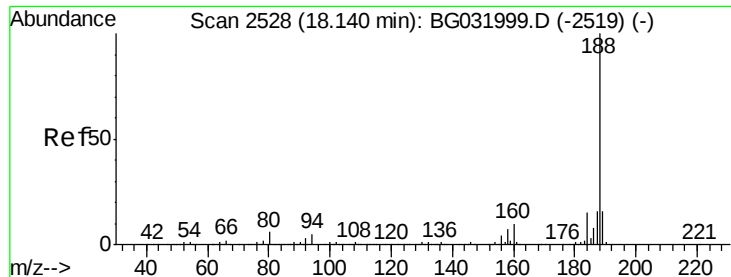
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	30.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 76.134 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032311.D
 Acq: 26 Jan 2018 2:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.4	19.5	29.3

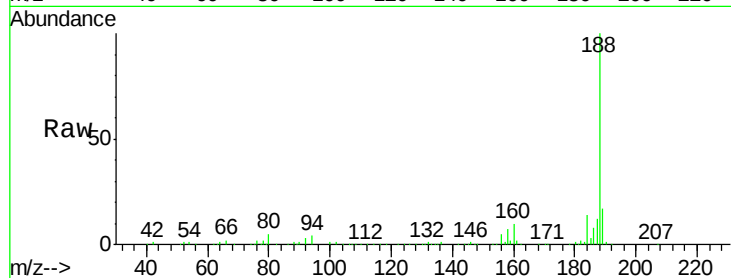




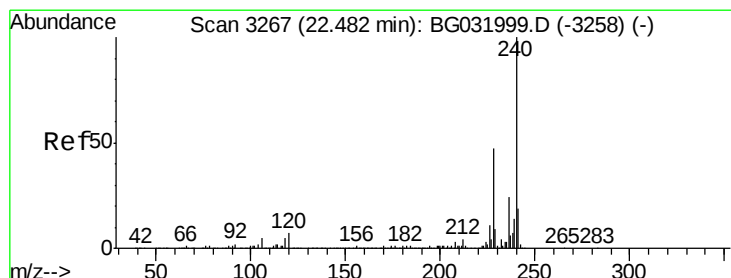
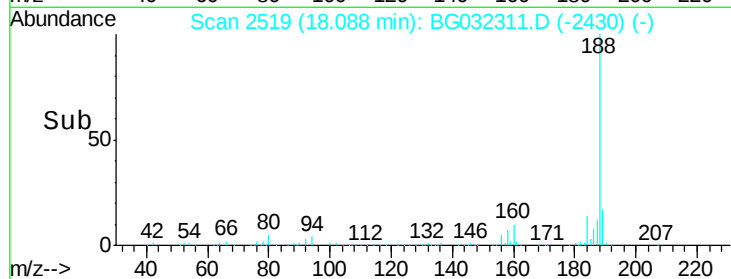
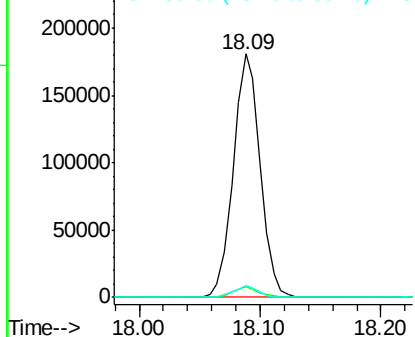
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032311.D
Acq: 26 Jan 2018 2:11

Instrument :
BNA_G
ClientSampleId :
PB105983BL

Tot Ion:188 Resp: 279087
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 5.1 7.7 11.5#

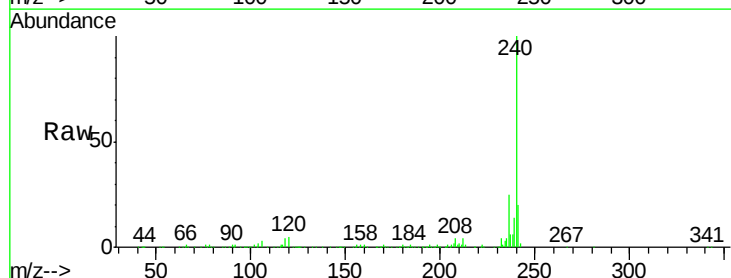


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

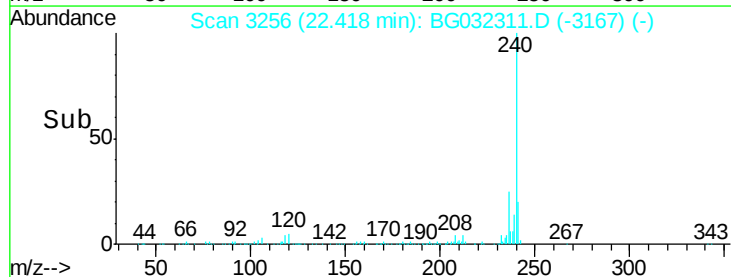
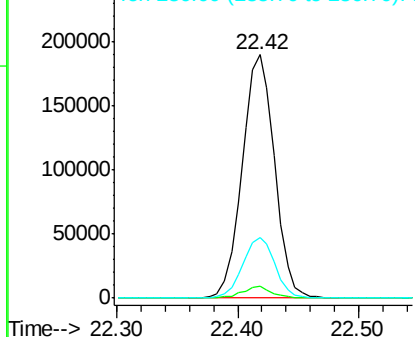


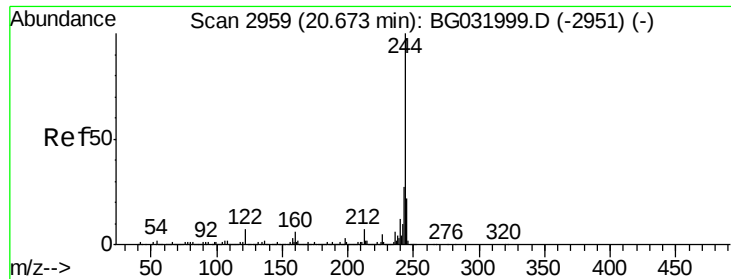
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032311.D
Acq: 26 Jan 2018 2:11

Tgt Ion:240 Resp: 354501
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 25.1 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: 80.074 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032311.D

Acq: 26 Jan 2018 2:11

Instrument :

BNA_G

ClientSampleId :

PB105983BL

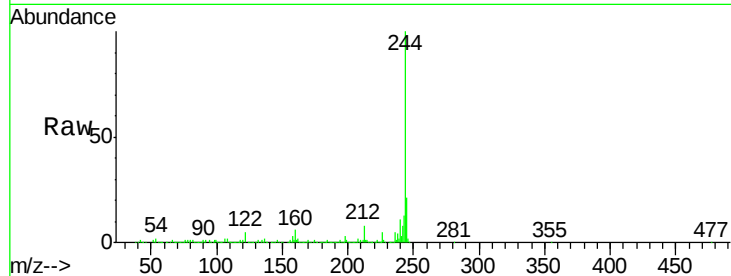
Tot Ion:244 Resp: 1285583

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

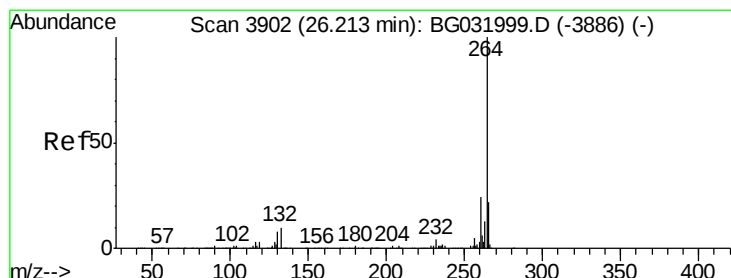
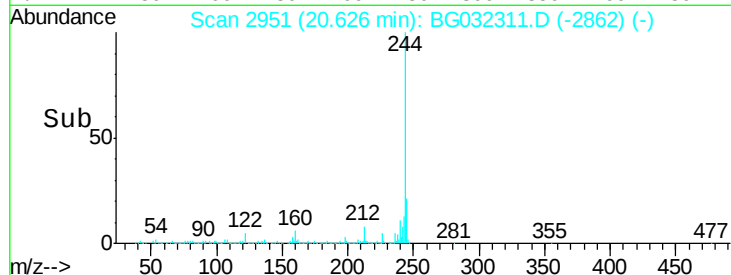
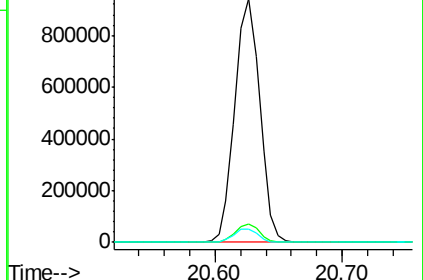
122 5.5 7.0 10.4#



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# 3882

Delta R.T. -0.01 min

Lab File: BG032311.D

Acq: 26 Jan 2018 2:11

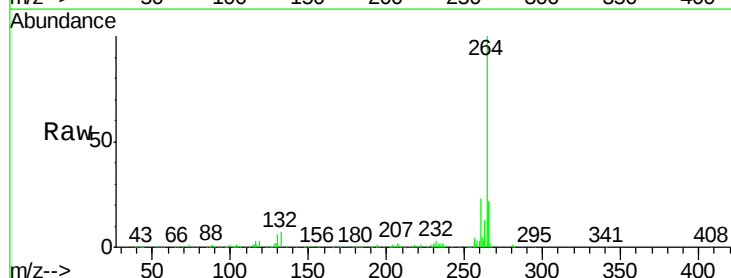
Tgt Ion:264 Resp: 376599

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.6 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

