

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032349.D
 Acq On : 27 Jan 2018 10:29
 Operator : SJ/JU
 Sample : PB105792BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BL

Quant Time: Jan 27 23:41:03 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	8.73	152	38752	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	150506	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	101716	20.00	ng	0.00
63) Phenanthrene-d10	18.10	188	269007	20.00	ng	0.00
75) Chrysene-d12	22.44	240	352484	20.00	ng	0.02
86) Perylene-d12	26.15	264	369716	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	254614	120.17	ng	0.00
7) Phenol-d6	7.84	99	305158	114.35	ng	0.00
23) Nitrobenzene-d5	9.93	82	192490	86.53	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	225274	133.84	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	677147	82.55	ng	0.00
78) Terphenyl-d14	20.64	244	1376425	86.22	ng	0.01

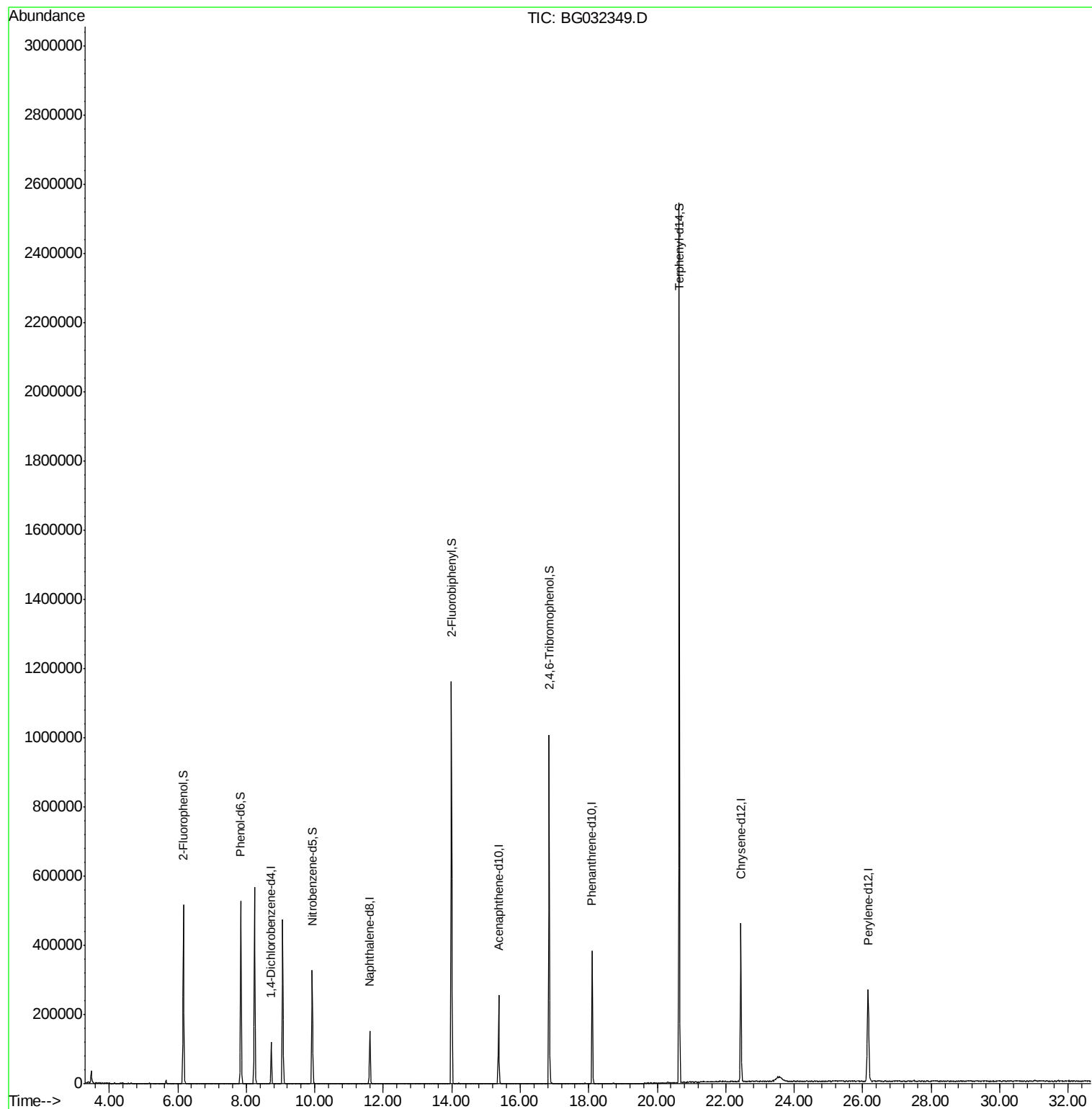
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. 0.00 min

Lab File: BG032349.D

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Instrument :

BNA_G

ClientSampleId :

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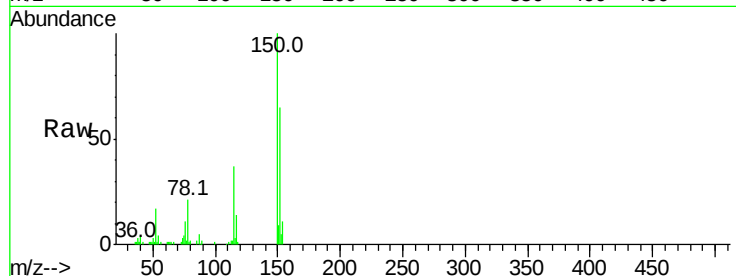
Tot Ion:152 Resp: 38752

Ion Ratio Lower Upper

152 100

150 154.8 126.6 189.8

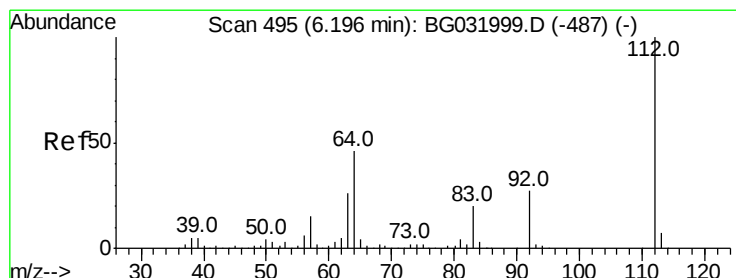
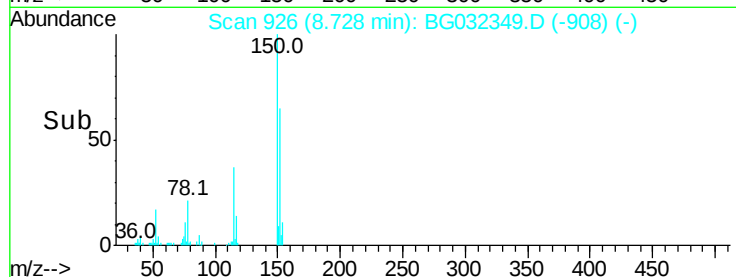
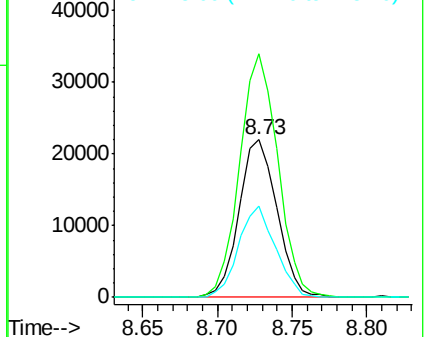
115 57.9 53.0 79.4



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: 120.167 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032349.D

Acq: 27 Jan 2018 10:29

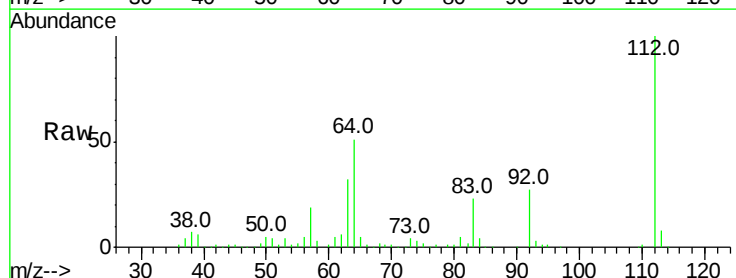
Tgt Ion:112 Resp: 254614

Ion Ratio Lower Upper

112 100

64 51.4 56.3 84.5#

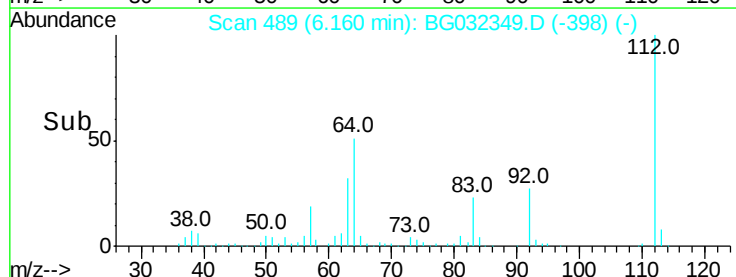
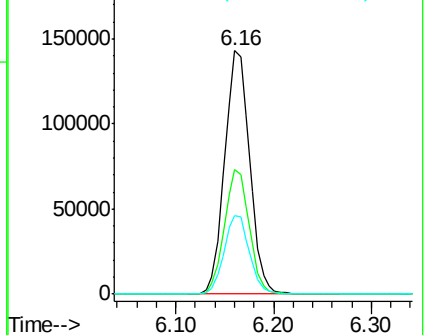
63 32.3 30.1 45.1

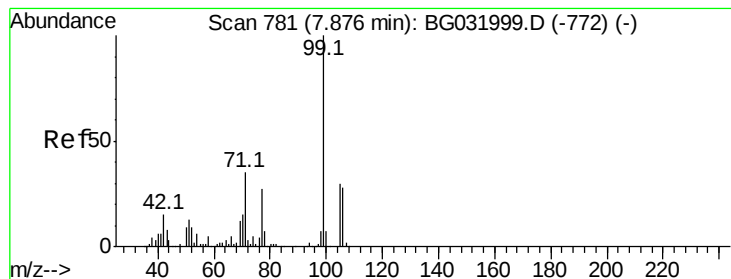


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.354 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032349.D

Acq: 27 Jan 2018 10:29

Instrument :

BNA_G

ClientSampleId :

PB105792BL

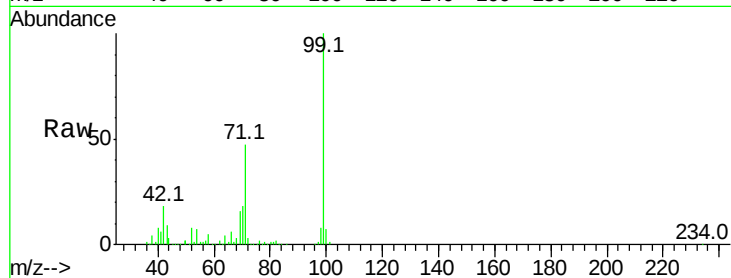
Tot Ion: 99 Resp: 305158

Ion Ratio Lower Upper

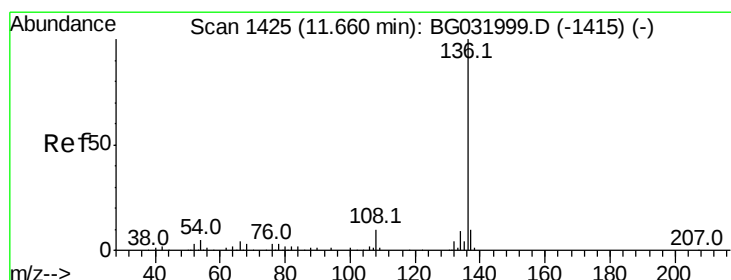
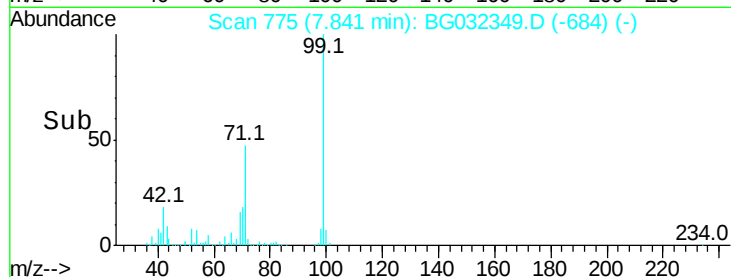
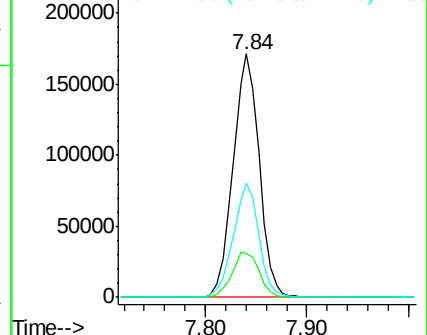
99 100

42 18.0 14.1 21.1

71 46.8 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: 11.61 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BG032349.D

Acq: 27 Jan 2018 10:29

Tgt Ion: 136 Resp: 150506

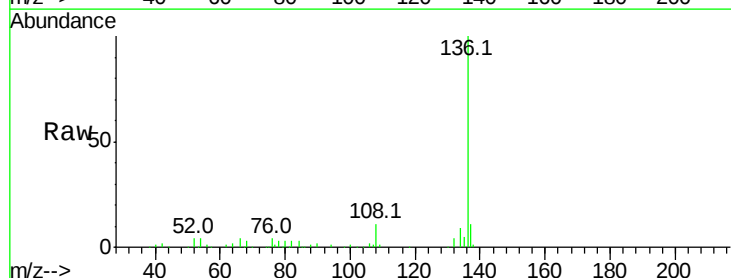
Ion Ratio Lower Upper

136 100

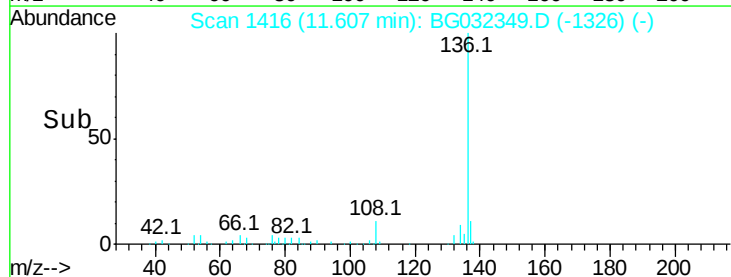
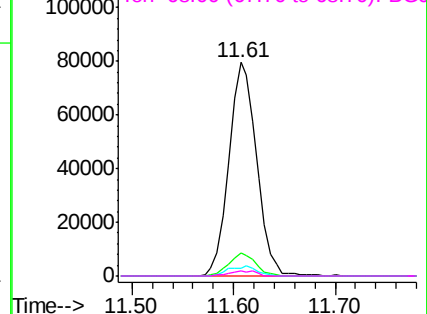
137 10.9 9.2 13.8

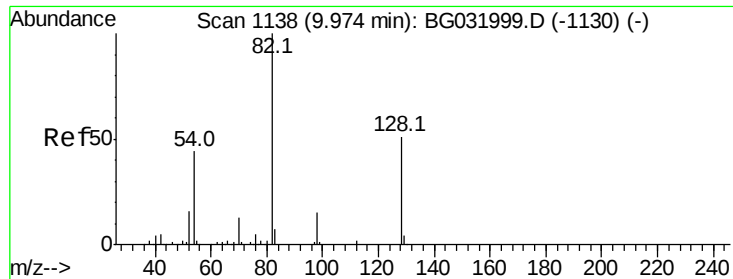
54 3.9 10.3 15.5#

68 2.6 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

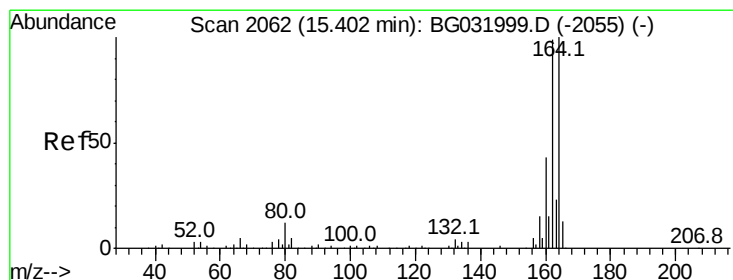
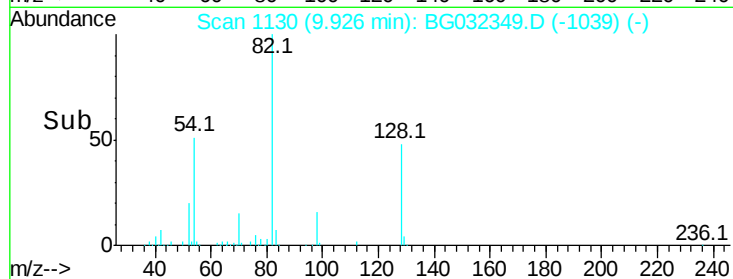
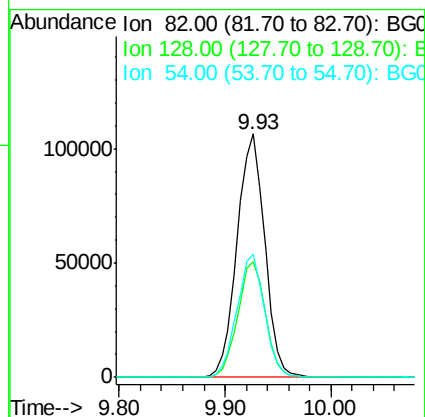
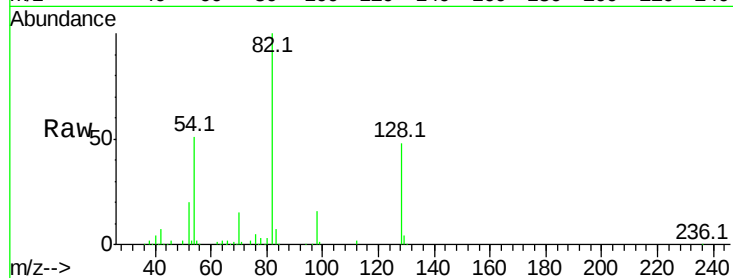




#23
Nitrobenzene-d5
Concen: 86.527 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG032349.D
Acq: 27 Jan 2018 10:29

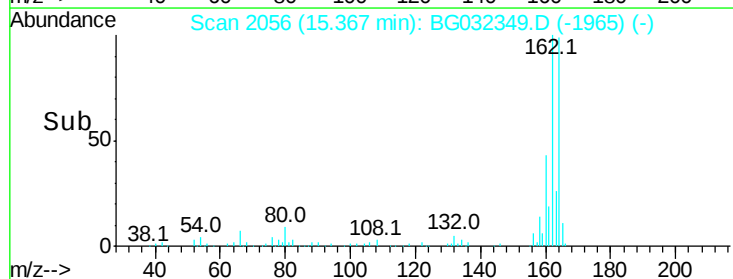
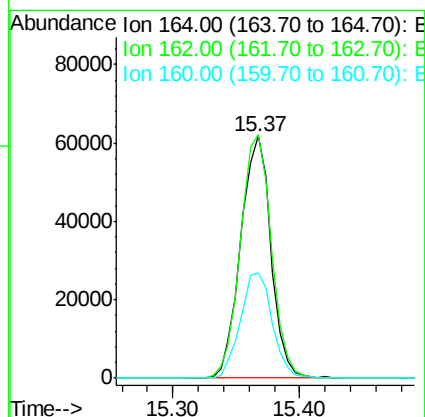
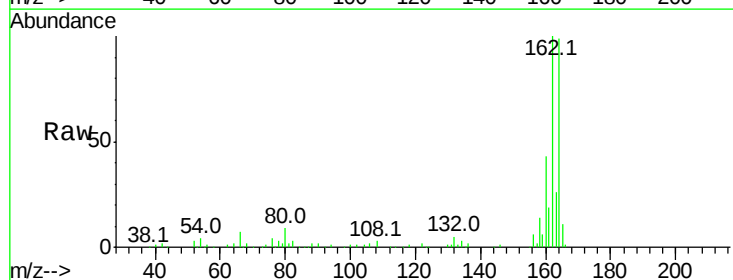
Instrument :
BNA_G
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PB105792BL

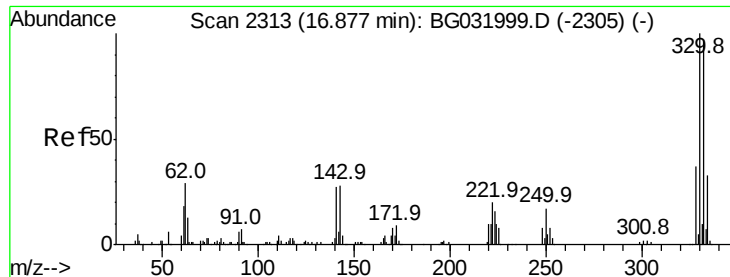
Tot Ion: 82 Resp: 192490
Ion Ratio Lower Upper
82 100
128 47.6 29.7 44.5#
54 50.5 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BG032349.D
Acq: 27 Jan 2018 10:29

Tgt Ion:164 Resp: 101716
Ion Ratio Lower Upper
164 100
162 100.6 78.8 118.2
160 43.5 35.4 53.0

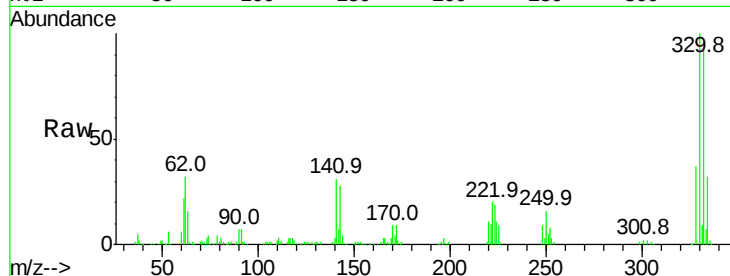




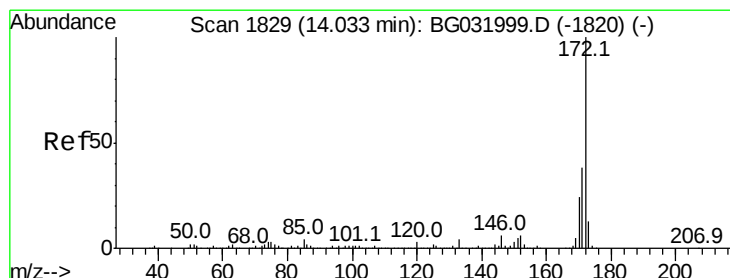
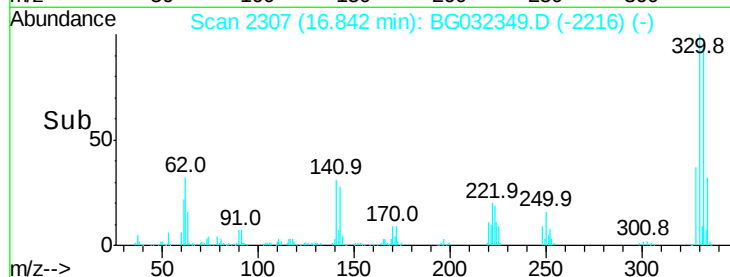
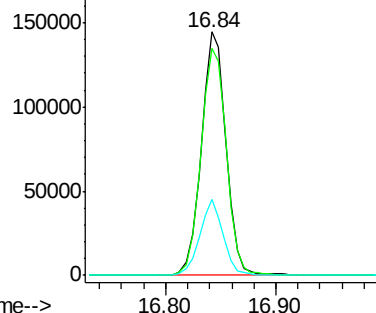
#41
 2,4,6-Tribromophenol
 Concen: 133.840 ng
 RT: 16.84 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG032349.D
 Acq: 27 Jan 2018 10:29

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.4	25.2	37.8

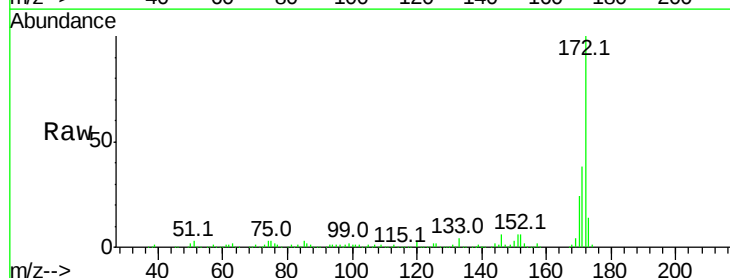


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

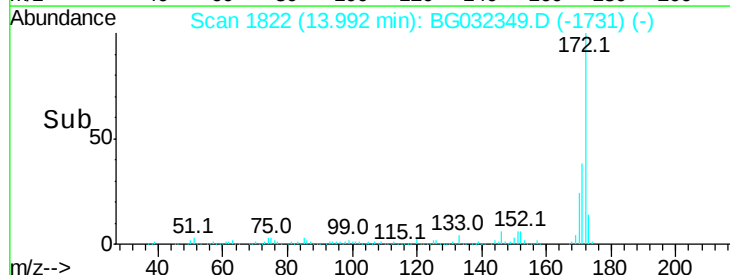
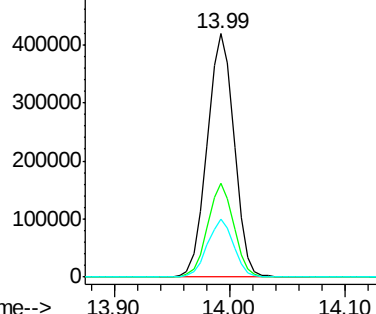


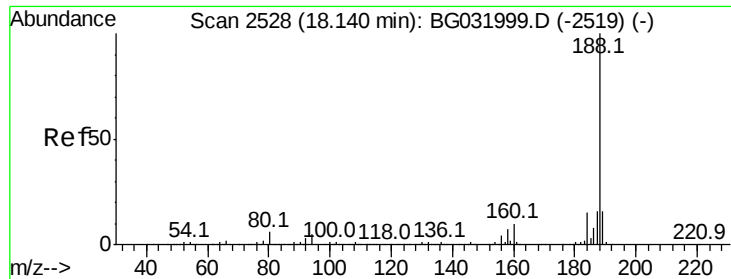
#44
 2-Fluorobiphenyl
 Concen: 82.546 ng
 RT: 13.99 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG032349.D
 Acq: 27 Jan 2018 10:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.7	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

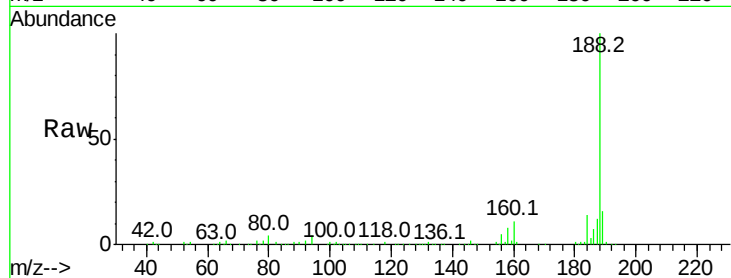




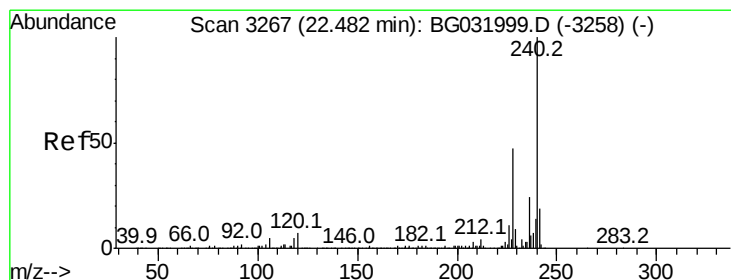
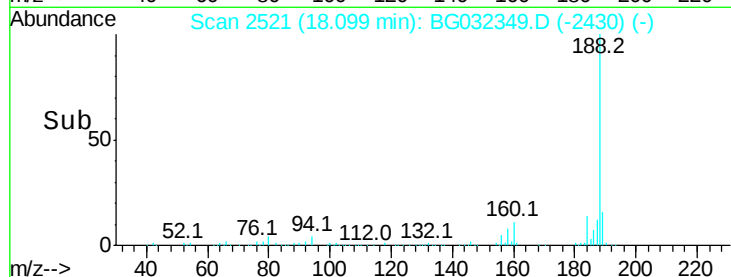
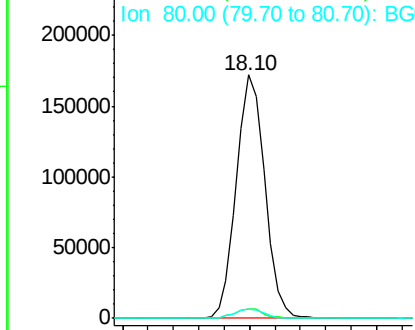
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.10 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BG032349.D
Acq: 27 Jan 2018 10:29

Instrument :
BNA_G
ClientSampleId :
PB105792BL

Tot Ion:188 Resp: 269007
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 3.9 7.7 11.5#

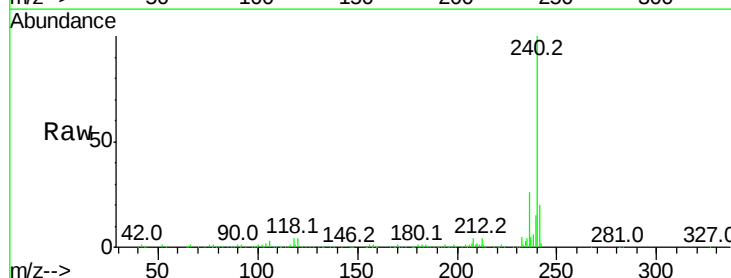


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

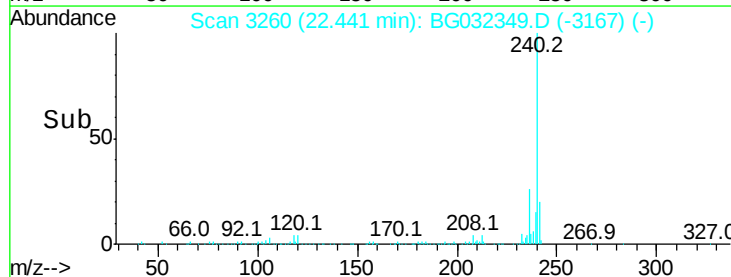
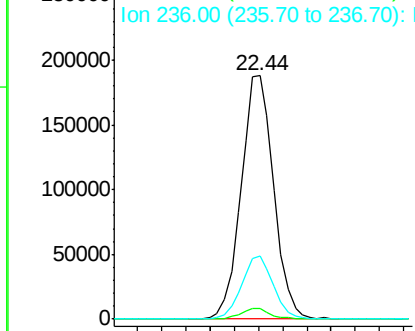


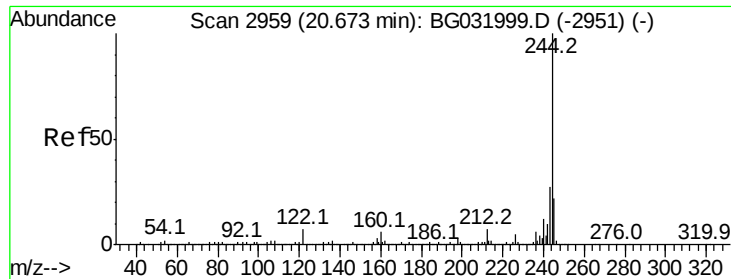
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. 0.02 min
Lab File: BG032349.D
Acq: 27 Jan 2018 10:29

Tgt Ion:240 Resp: 352484
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 25.7 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: 86.223 ng

RT: 20.64 min Scan# 2954

Delta R.T. 0.01 min

Lab File: BG032349.D

Acq: 27 Jan 2018 10:29

Instrument :

BNA_G

ClientSampleId :

PB105792BL

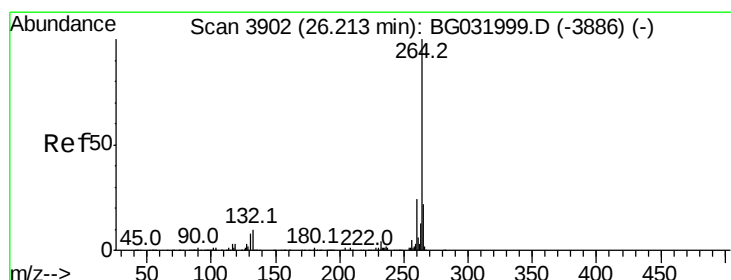
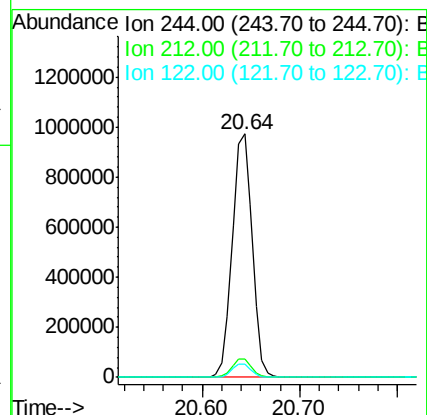
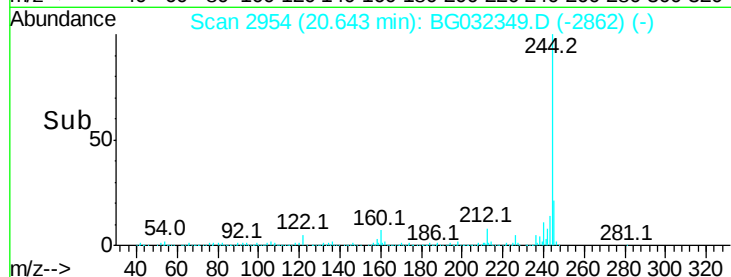
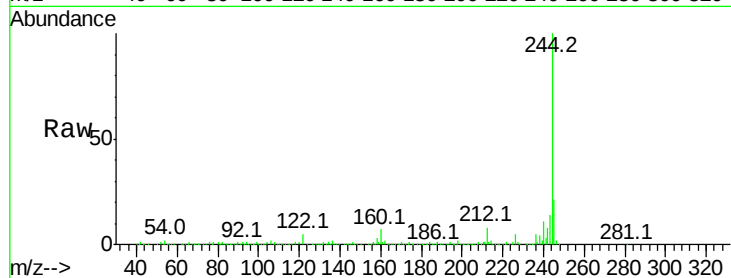
Tot Ion:244 Resp: 1376425

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 5.5 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.15 min Scan# 3891

Delta R.T. 0.04 min

Lab File: BG032349.D

Acq: 27 Jan 2018 10:29

Tgt Ion:264 Resp: 369716

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.0 17.7 26.5

