

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032334.D
 Acq On : 26 Jan 2018 18:45
 Operator : SJ/JU
 Sample : J1300-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-5

Quant Time: Jan 26 23:49:59 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

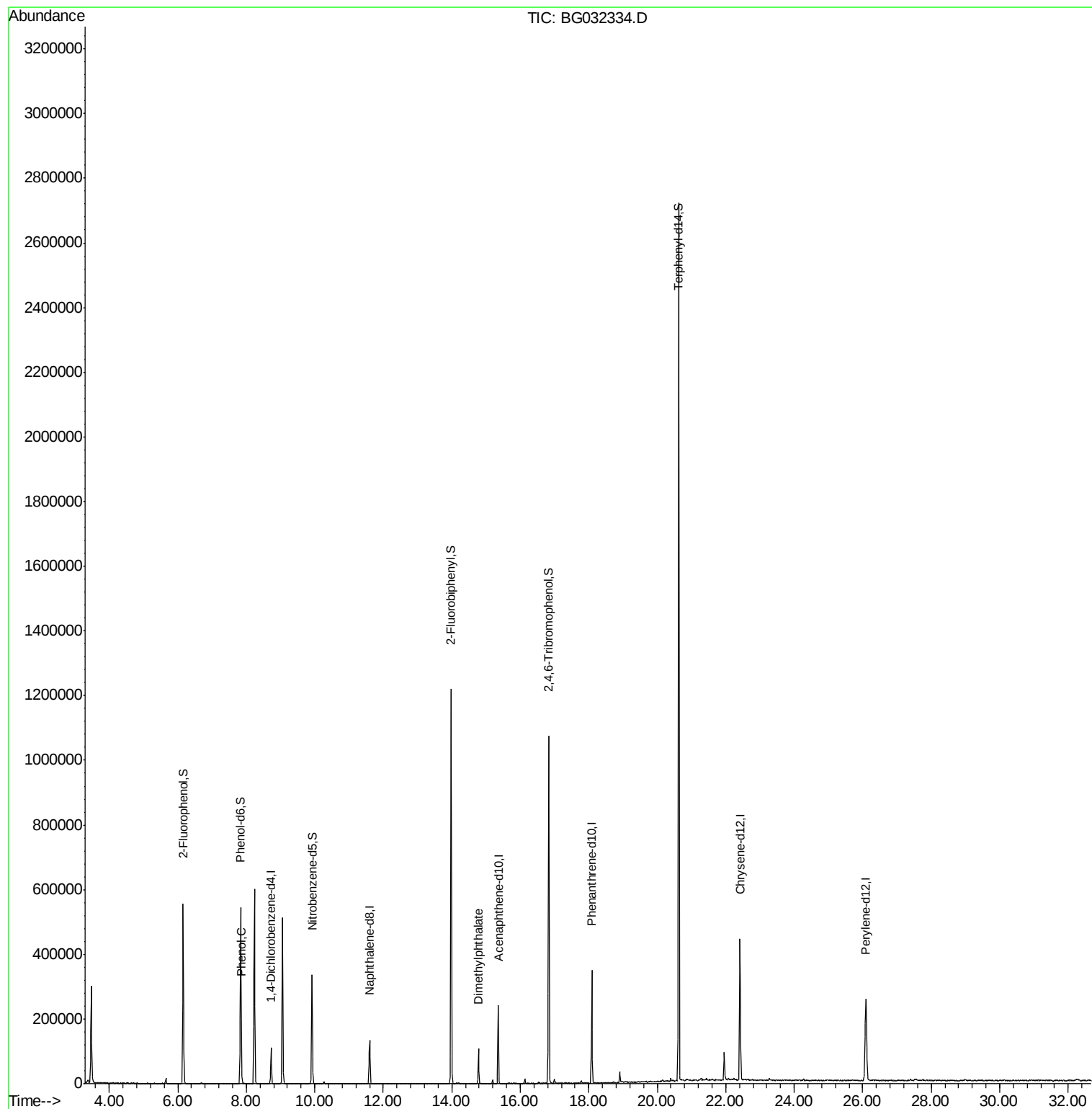
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	36622	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	135048	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	91036	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	241601	20.00	ng	0.00
75) Chrysene-d12	22.42	240	332552	20.00	ng	0.00
86) Perylene-d12	26.10	264	351609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	272977	136.33	ng	0.00
7) Phenol-d6	7.84	99	328751	130.36	ng	0.00
23) Nitrobenzene-d5	9.92	82	205930	103.16	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	237600	157.72	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	707275	96.33	ng	0.00
78) Terphenyl-d14	20.63	244	1447477	96.11	ng	0.00
Target Compounds						
10) Phenol	7.86	94	11112	4.473	ng	# 77
49) Dimethylphthalate	14.78	163	80861	10.150	ng	# 99

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

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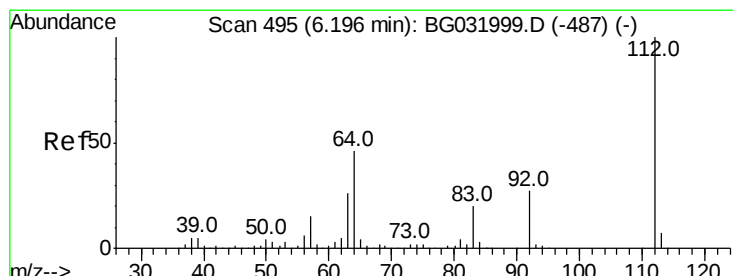
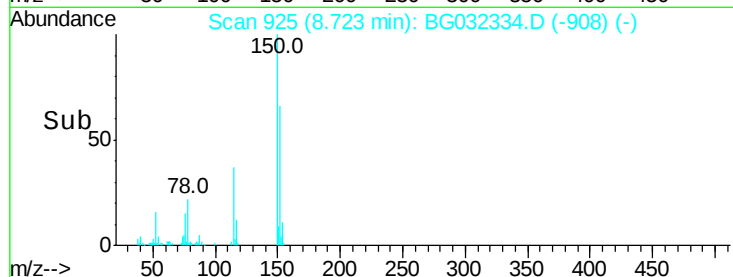
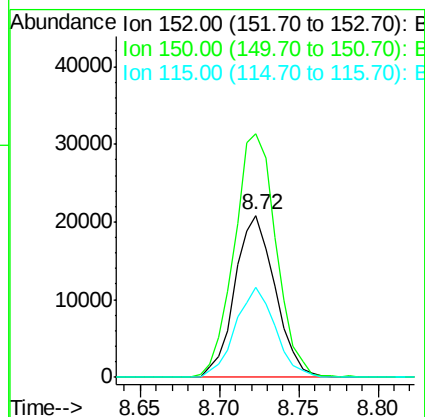
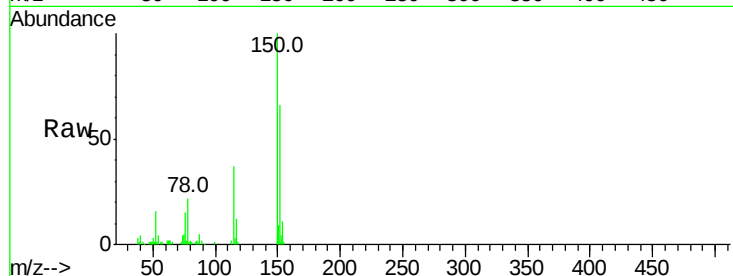


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

Instrument :
BNA_G
ClientSampleId :
TP-1-5

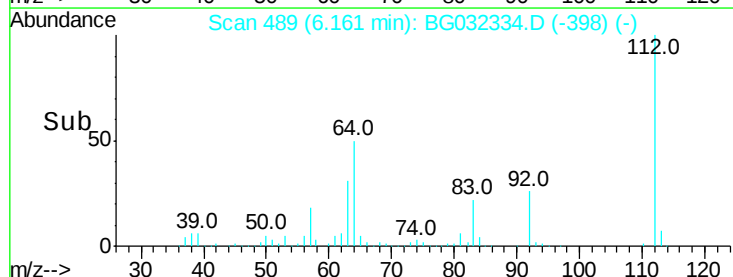
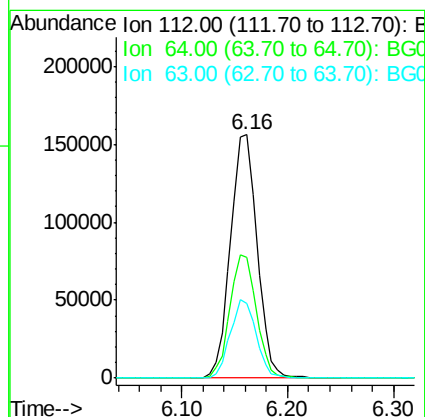
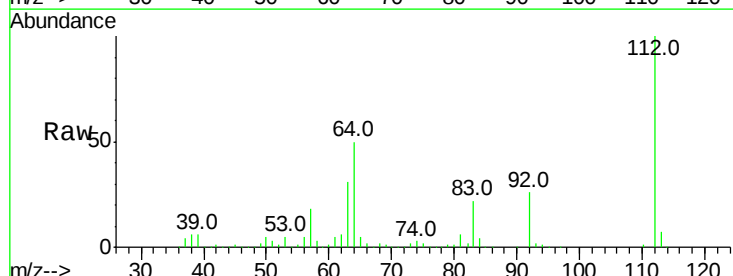
Tot Ion:152 Resp: 36622
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 55.9 53.0 79.4



#5

2-Fluorophenol
Concen: 136.327 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

Tgt Ion:112 Resp: 272977
Ion Ratio Lower Upper
112 100
64 49.8 56.3 84.5#
63 30.6 30.1 45.1





#7

Phenol-d6

Concen: 130.361 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032334.D

Acq: 26 Jan 2018 18:45

Instrument :

BNA_G

ClientSampleId :

TP-1-5

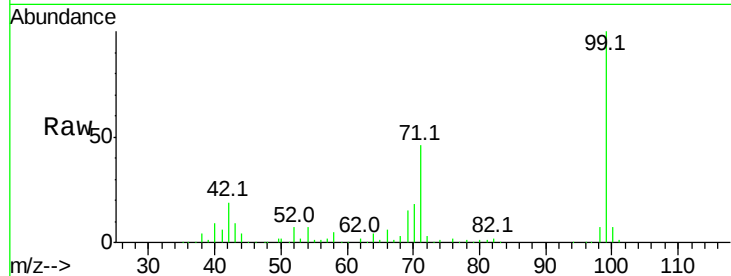
Tot Ion: 99 Resp: 328751

Ion Ratio Lower Upper

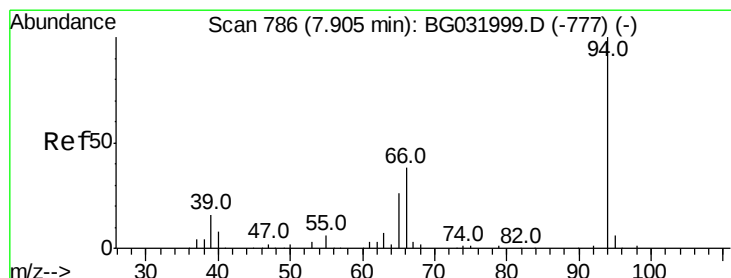
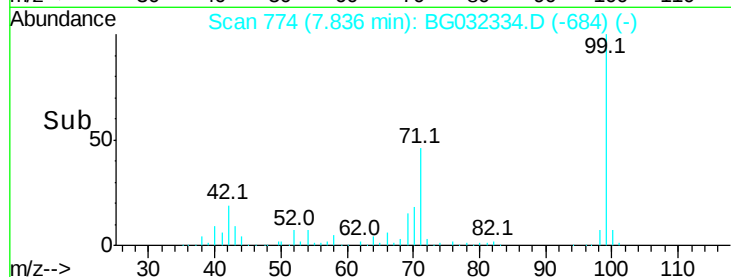
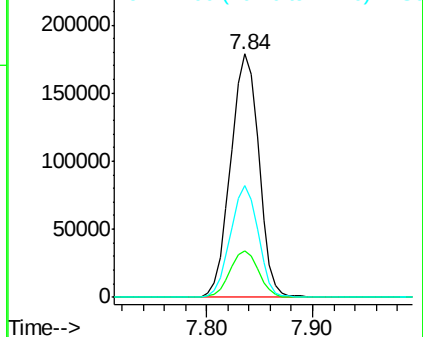
99 100

42 18.9 14.1 21.1

71 45.8 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



#10

Phenol

Concen: 4.473 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032334.D

Acq: 26 Jan 2018 18:45

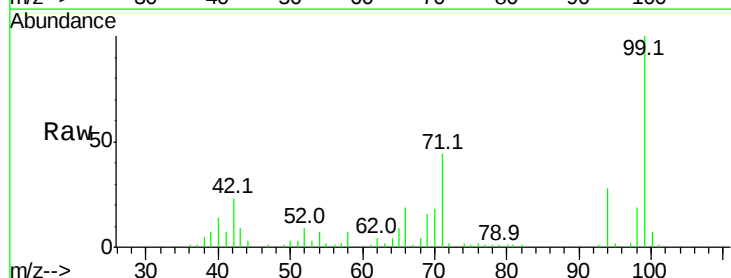
Tgt Ion: 94 Resp: 11112

Ion Ratio Lower Upper

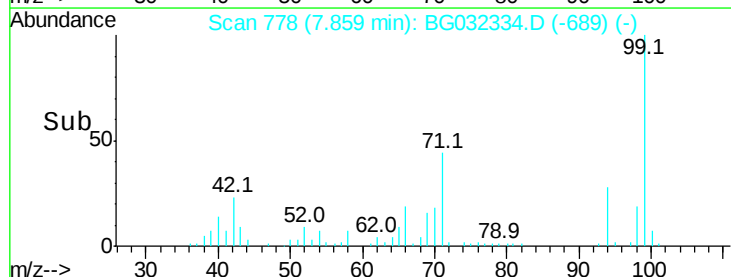
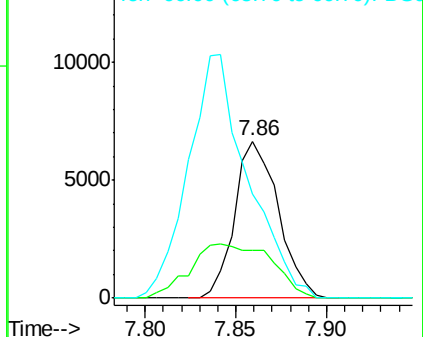
94 100

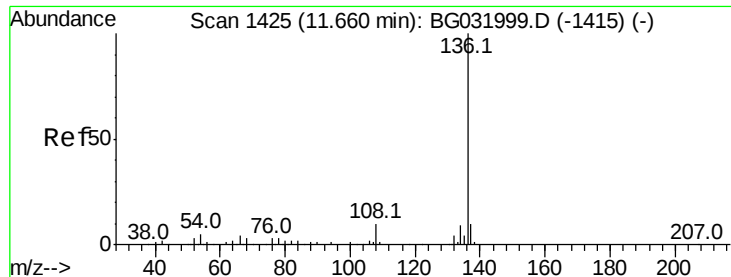
65 30.4 11.9 51.9

66 66.1 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

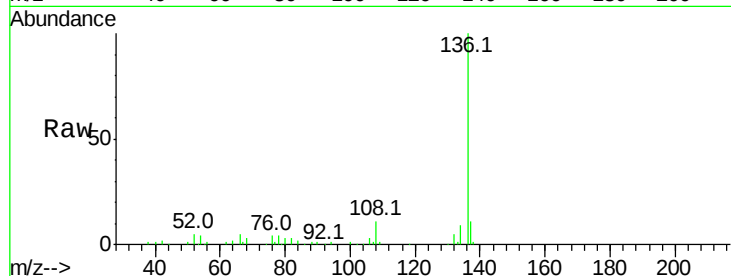




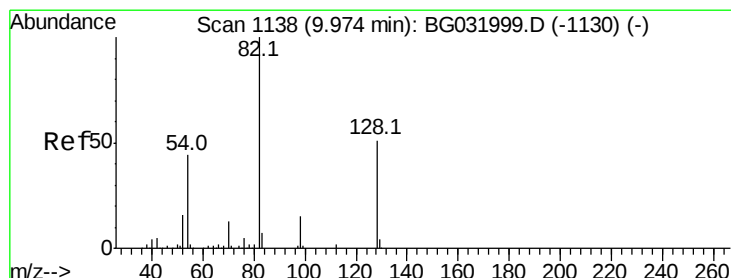
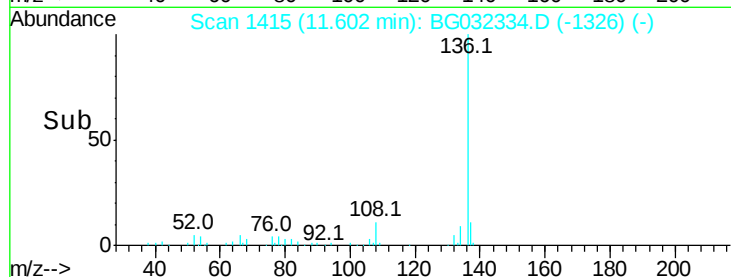
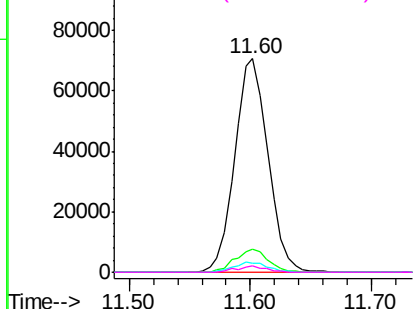
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

Instrument :
BNA_G
ClientSampleId :
TP-1-5

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.3	10.3	15.5#
68	3.0	4.5	6.7#

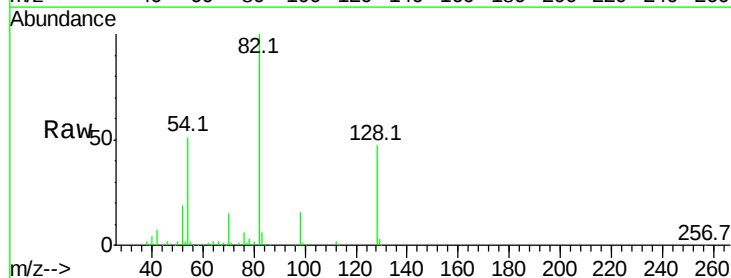


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

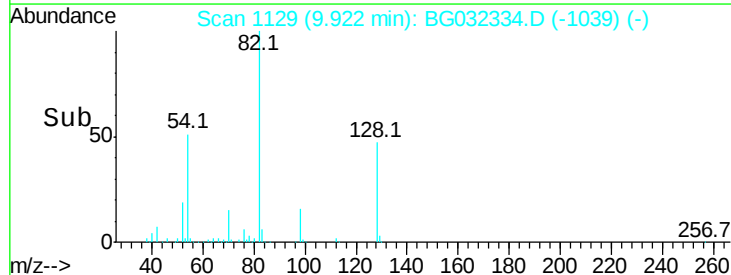
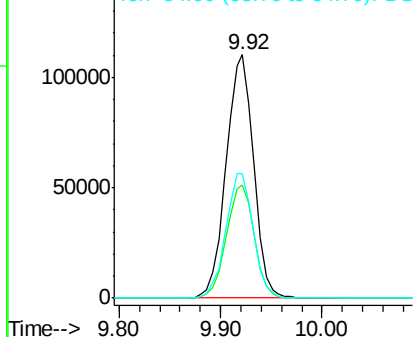


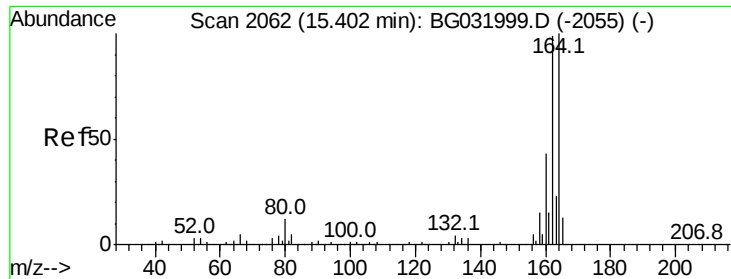
#23
Nitrobenzene-d5
Concen: 103.164 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	29.7	44.5#
54	51.3	43.1	64.7



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

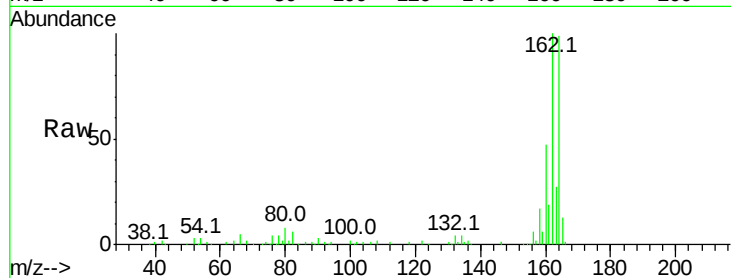




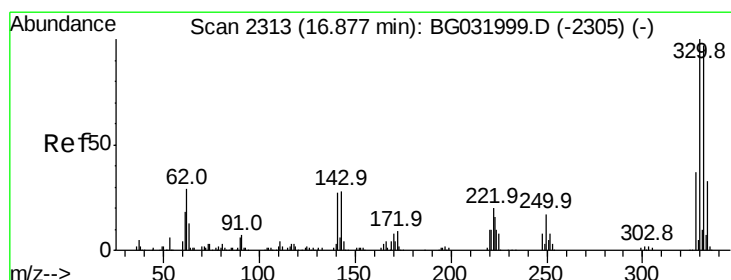
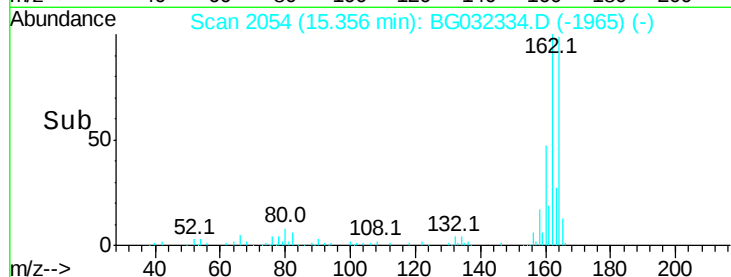
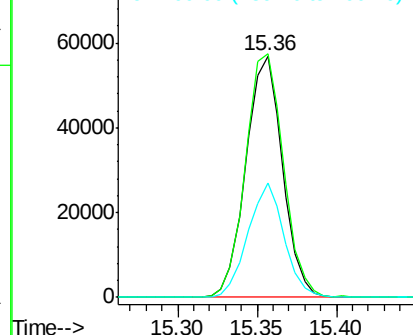
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

Instrument :
BNA_G
ClientSampleId :
TP-1-5

Tot Ion:164 Resp: 91036
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 47.5 35.4 53.0

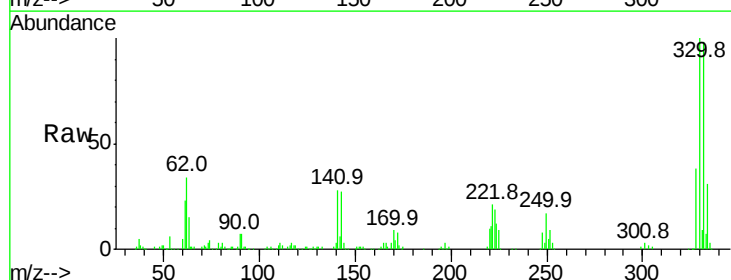


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

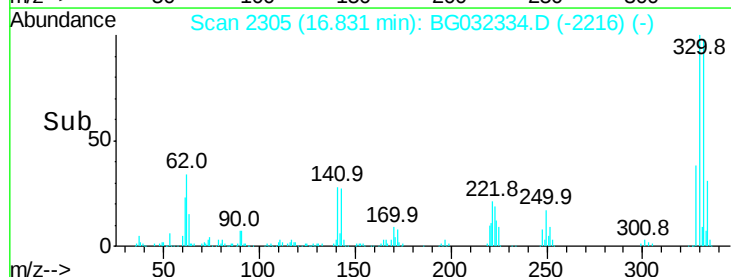
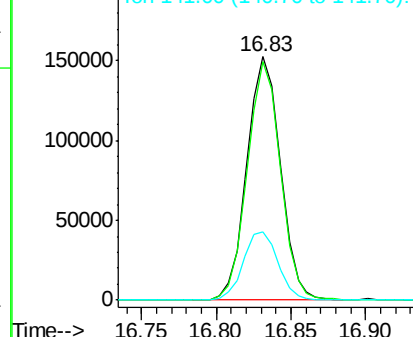


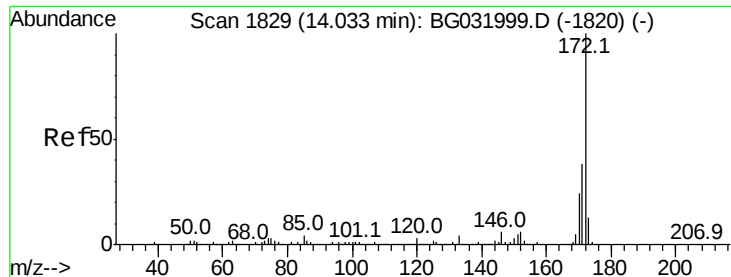
#41
2,4,6-Tribromophenol
Concen: 157.724 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

Tgt Ion:330 Resp: 237600
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 29.0 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

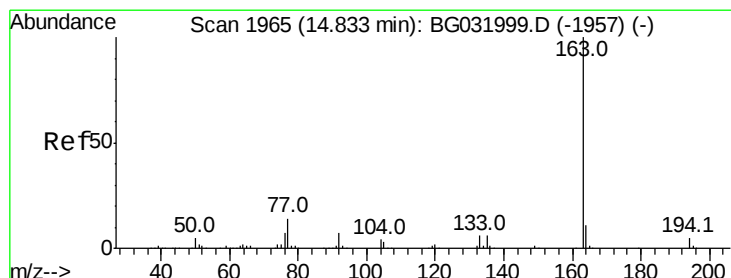
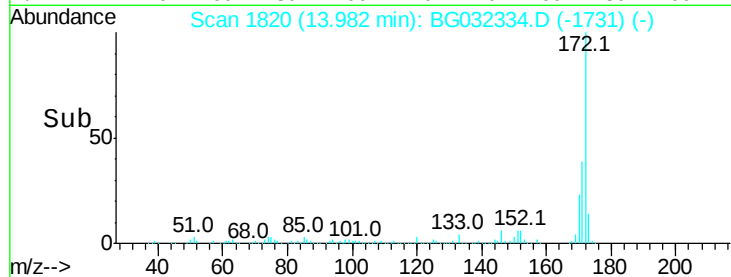
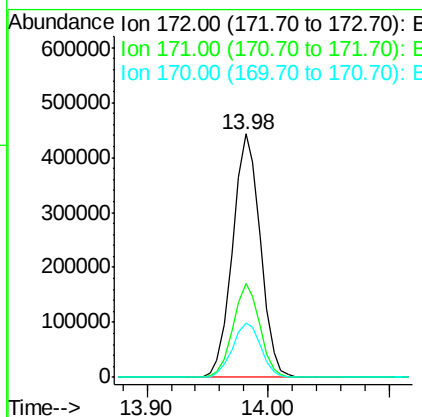
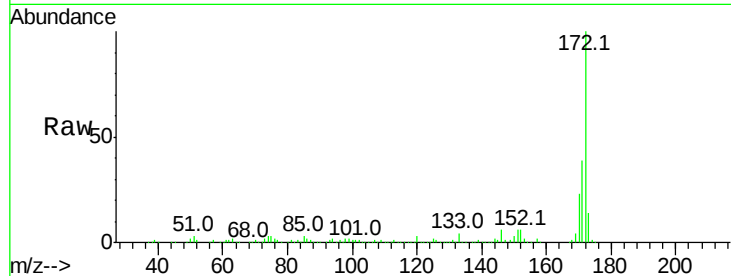




#44
2-Fluorobiphenyl
Concen: 96.334 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

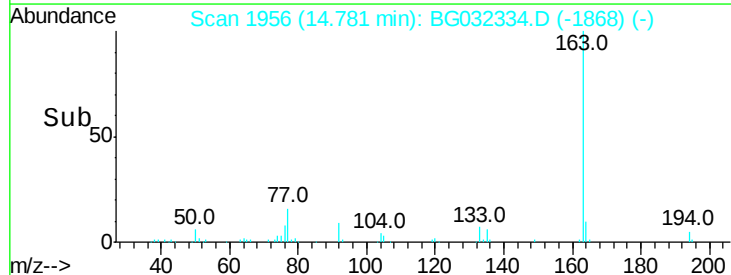
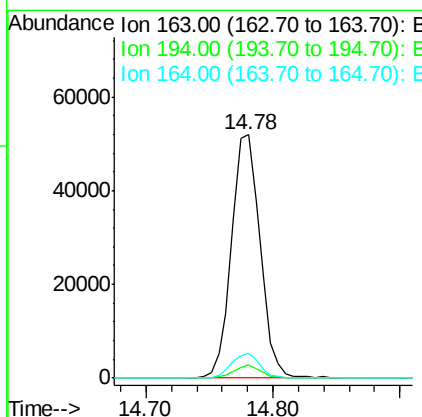
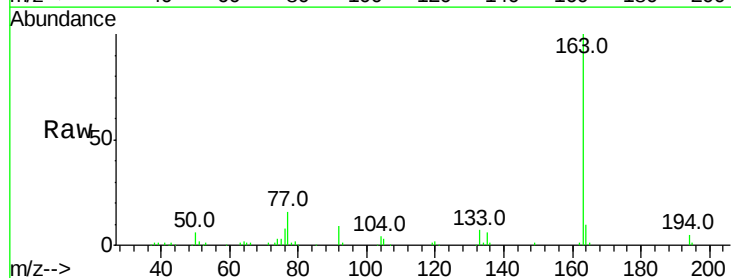
Instrument :
BNA_G
ClientSampleId :
TP-1-5

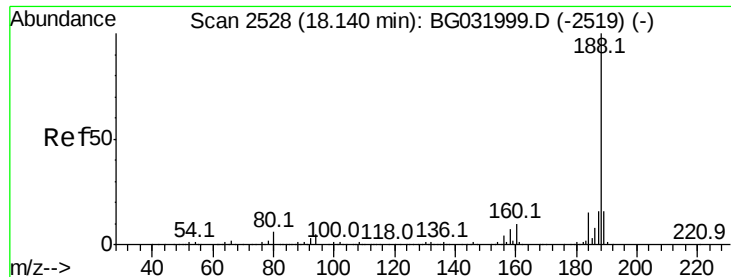
Tot Ion:172 Resp: 707275
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 22.5 19.5 29.3



#49
Dimethylphthalate
Concen: 10.150 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

Tgt Ion:163 Resp: 80861
Ion Ratio Lower Upper
163 100
194 5.5 3.4 5.2#
164 10.4 8.2 12.4

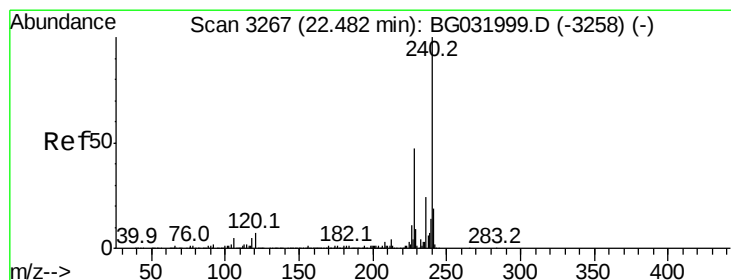
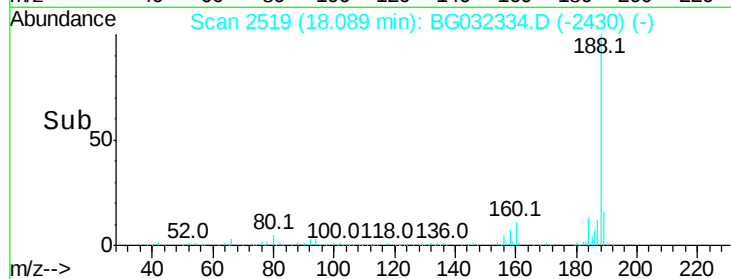
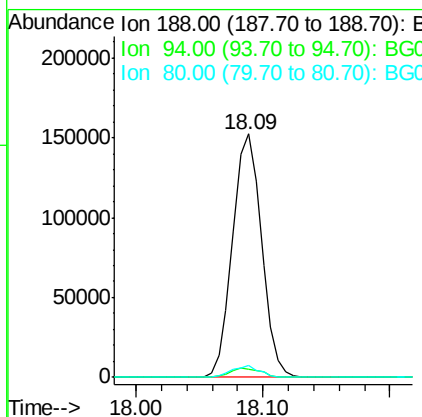
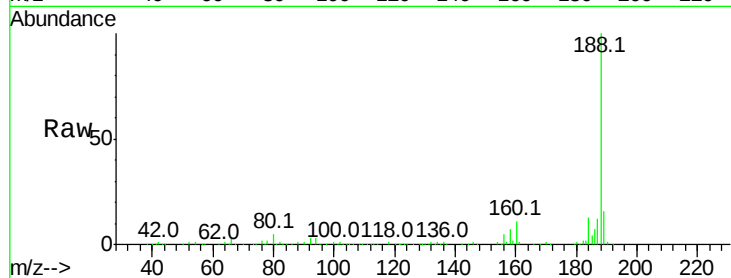




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

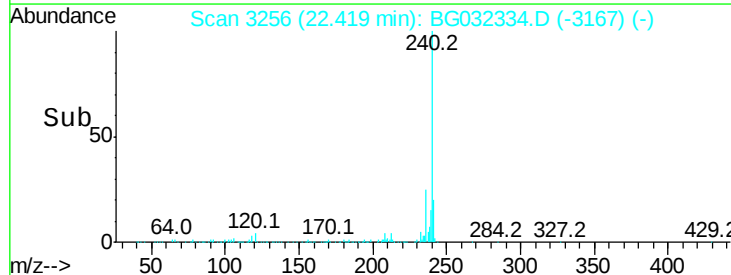
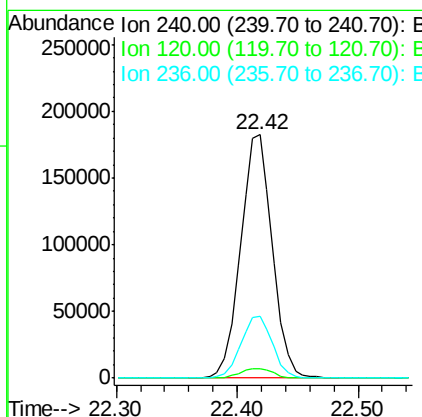
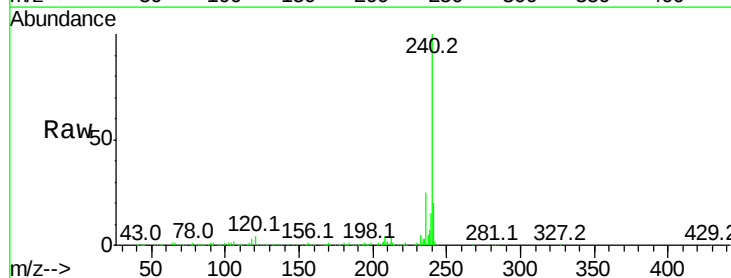
Instrument :
BNA_G
ClientSampleId :
TP-1-5

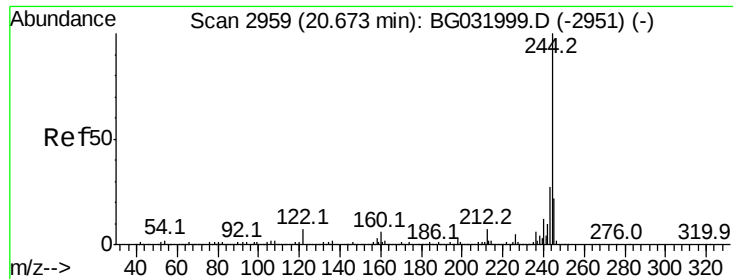
Tot Ion:188 Resp: 241601
Ion Ratio Lower Upper
188 100
94 3.5 6.9 10.3#
80 5.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032334.D
Acq: 26 Jan 2018 18:45

Tgt Ion:240 Resp: 332552
Ion Ratio Lower Upper
240 100
120 3.7 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 96.108 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032334.D

Acq: 26 Jan 2018 18:45

Instrument :

BNA_G

ClientSampled :

TP-1-5

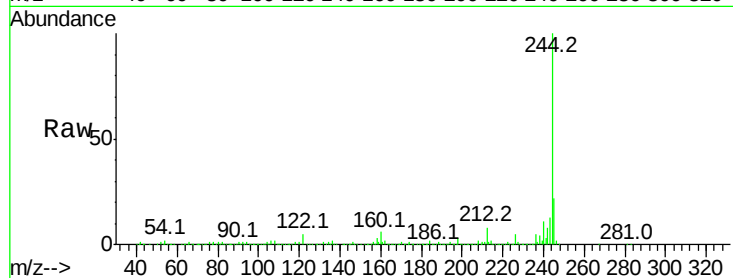
Tot Ion:244 Resp: 1447477

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

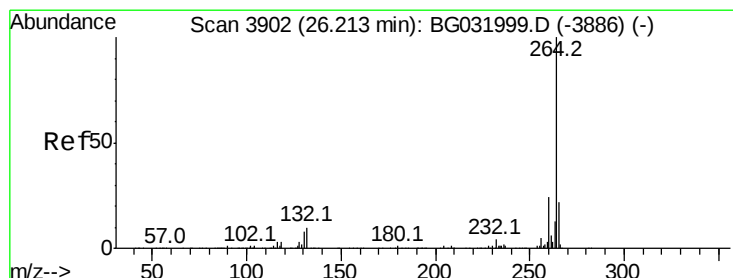
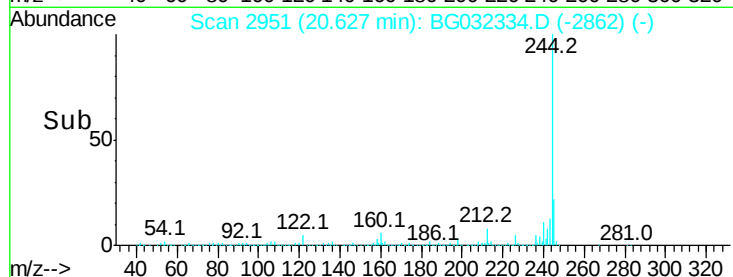
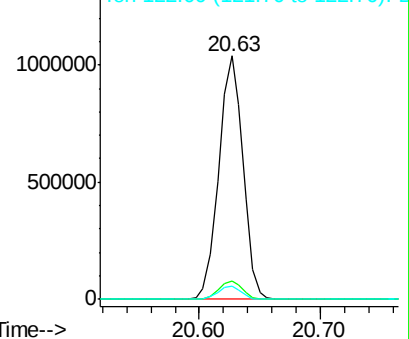
122 5.5 7.0 10.4#



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: BG032334.D

Acq: 26 Jan 2018 18:45

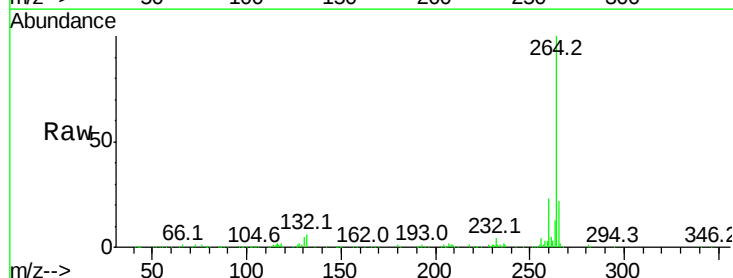
Tgt Ion:264 Resp: 351609

Ion Ratio Lower Upper

264 100

260 22.9 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

