

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032270.D
 Acq On : 24 Jan 2018 20:56
 Operator : SJ/JU
 Sample : J1249-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-11(0-2)

Quant Time: Jan 25 04:46:46 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

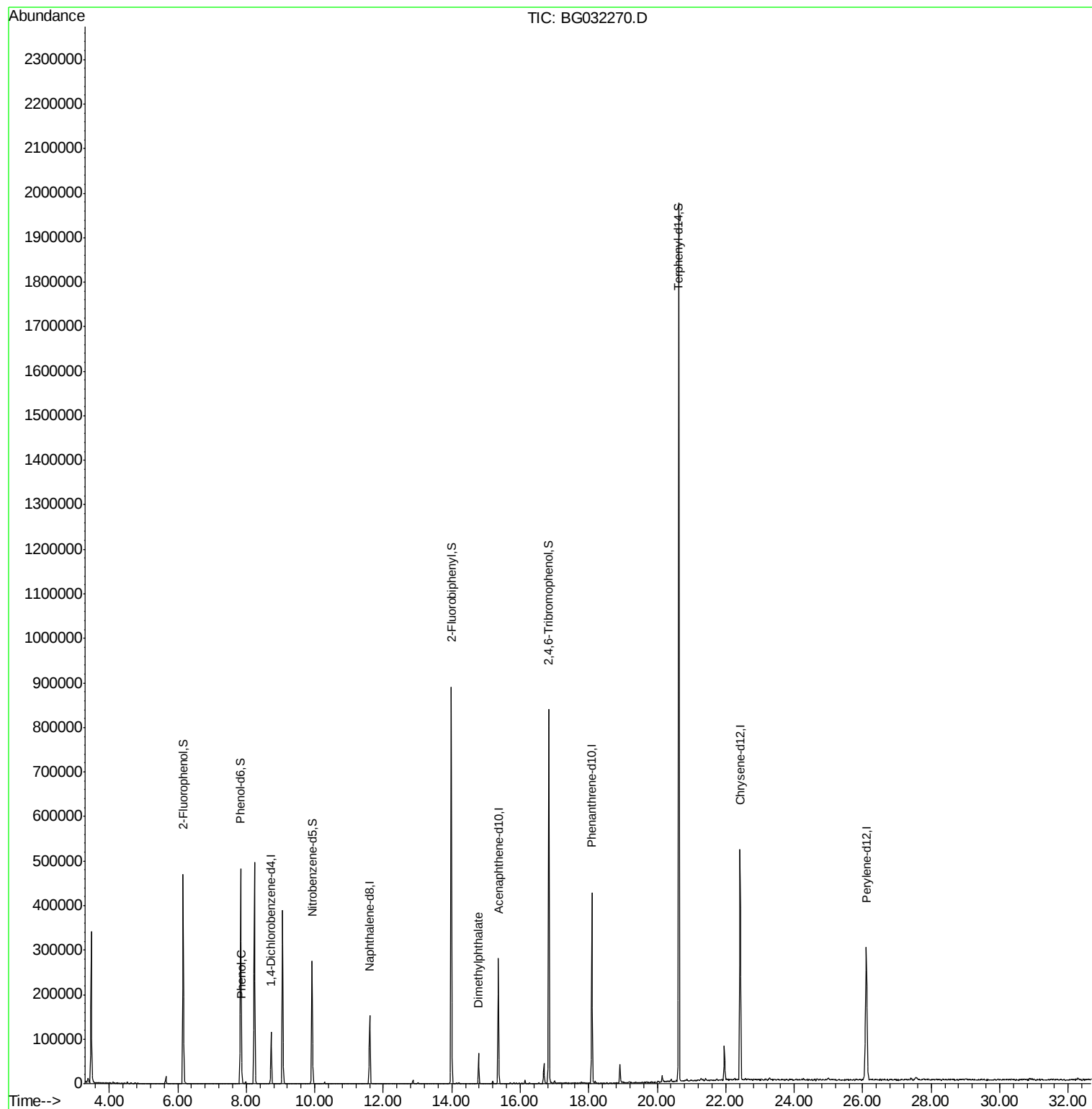
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40077	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	153287	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	106764	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	299983	20.00	ng	0.00
75) Chrysene-d12	22.42	240	387631	20.00	ng	0.00
86) Perylene-d12	26.10	264	405666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	234495	107.01	ng	0.00
7) Phenol-d6	7.83	99	291927	105.78	ng	0.00
23) Nitrobenzene-d5	9.92	82	169795	74.94	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	185114	104.78	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	540236	62.74	ng	0.00
78) Terphenyl-d14	20.63	244	1059253	60.34	ng	0.00
Target Compounds						
10) Phenol	7.86	94	12167	4.475	ng	91
49) Dimethylphthalate	14.78	163	49845	5.335	ng	97

(#) = 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: BG032270.D

Acq: 24 Jan 2018 20:56

Instrument :

BNA_G

ClientSampleId :

AB-11(0-2)

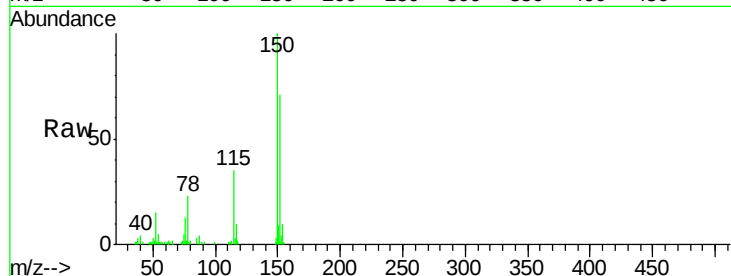
Tgt Ion:152 Resp: 40077

Ion Ratio Lower Upper

152 100

150 141.8 126.6 189.8

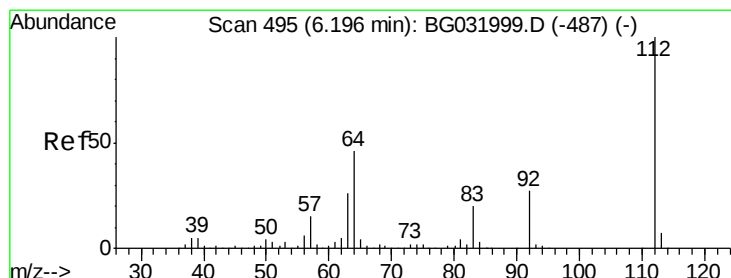
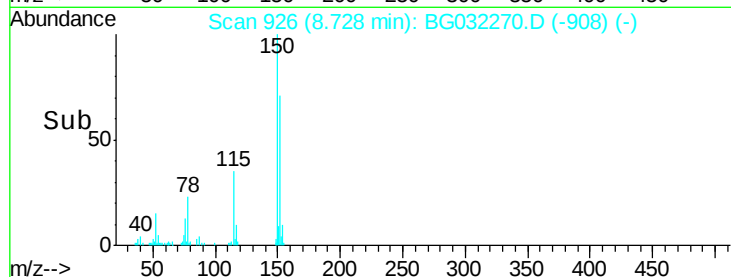
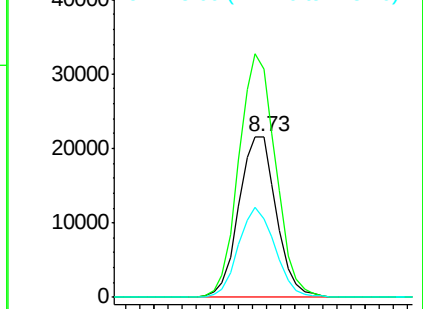
115 49.0 53.0 79.4#



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: 107.013 ng

RT: 6.15 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032270.D

Acq: 24 Jan 2018 20:56

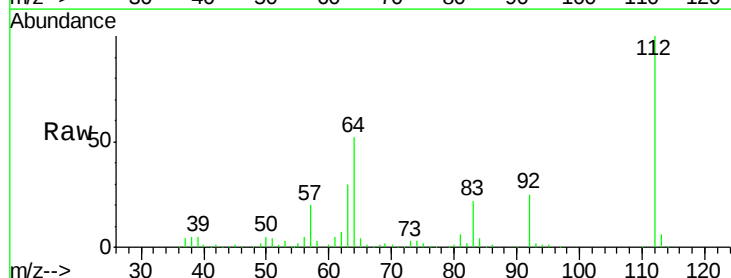
Tgt Ion:112 Resp: 234495

Ion Ratio Lower Upper

112 100

64 51.8 56.3 84.5#

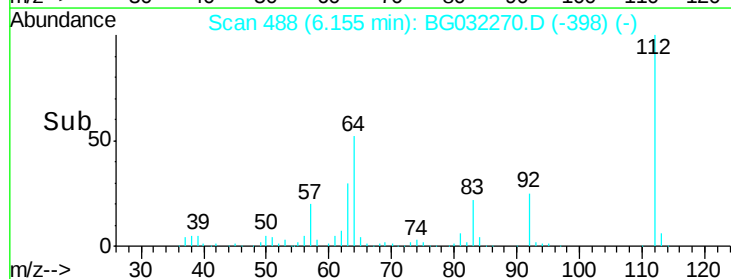
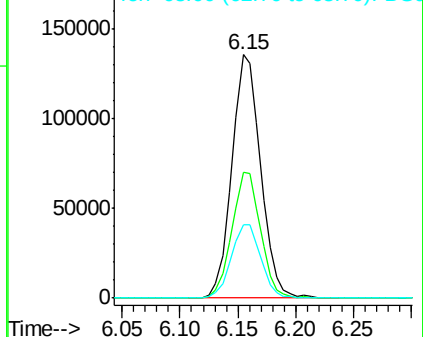
63 30.4 30.1 45.1

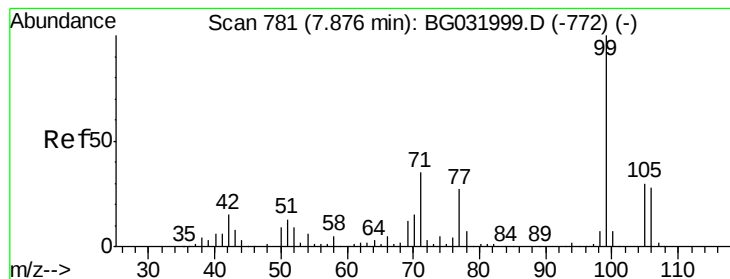


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.779 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032270.D

Acq: 24 Jan 2018 20:56

Instrument :

BNA_G

ClientSampleId :

AB-11(0-2)

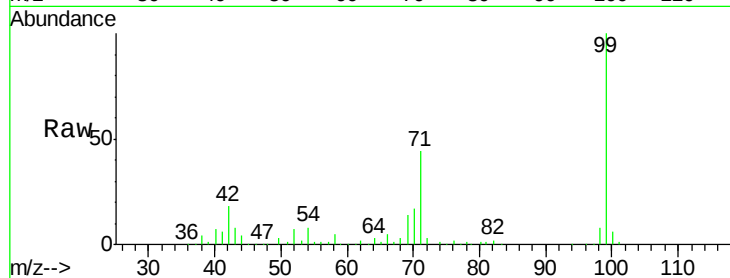
Tgt Ion: 99 Resp: 291927

Ion Ratio Lower Upper

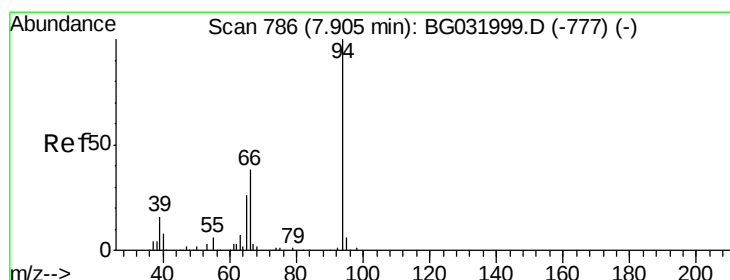
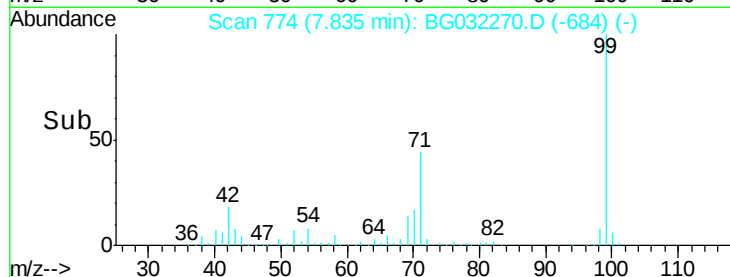
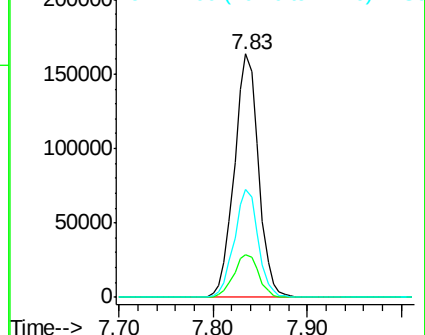
99 100

42 17.6 14.1 21.1

71 44.3 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: 4.475 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032270.D

Acq: 24 Jan 2018 20:56

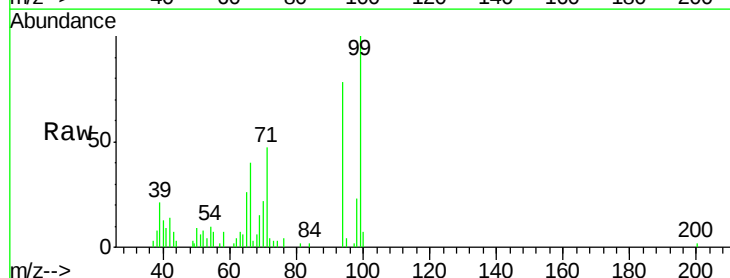
Tgt Ion: 94 Resp: 12167

Ion Ratio Lower Upper

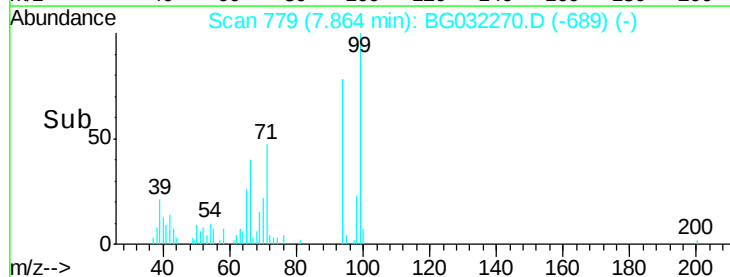
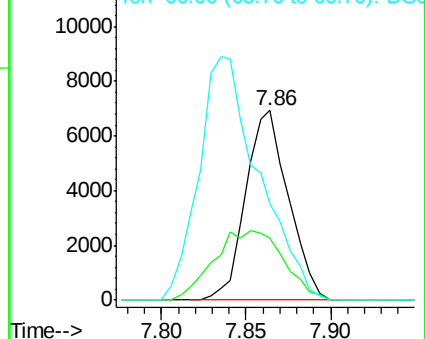
94 100

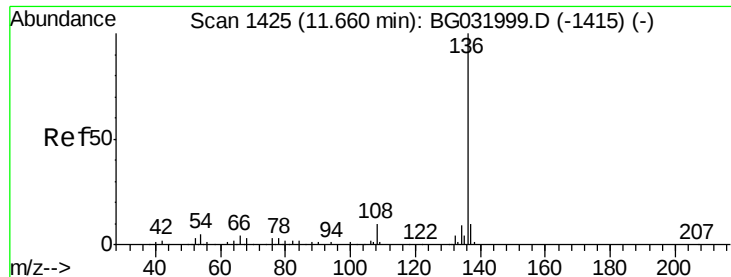
65 32.7 11.9 51.9

66 51.2 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

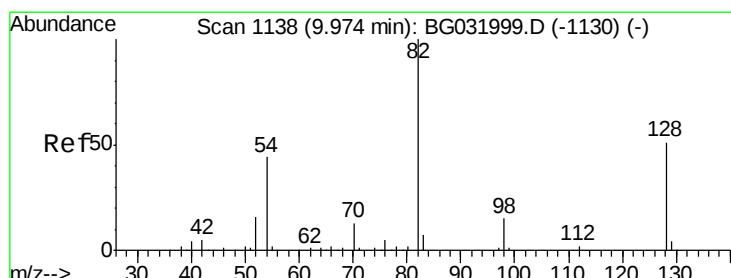
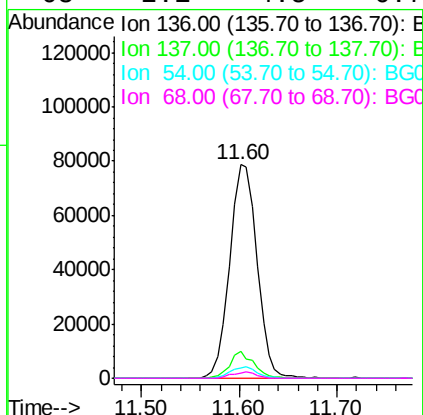
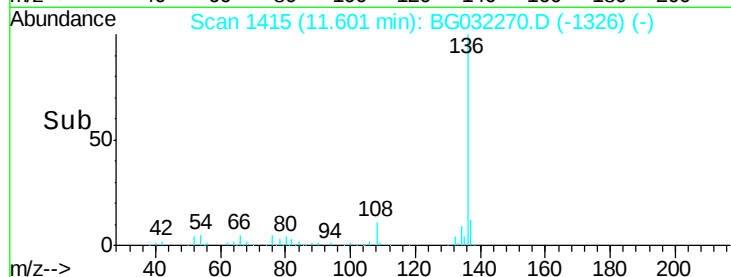
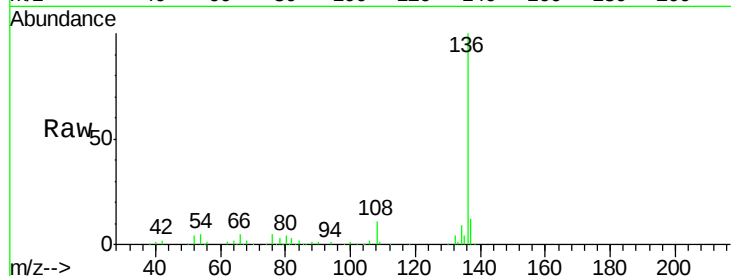




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032270.D
Acq: 24 Jan 2018 20:56

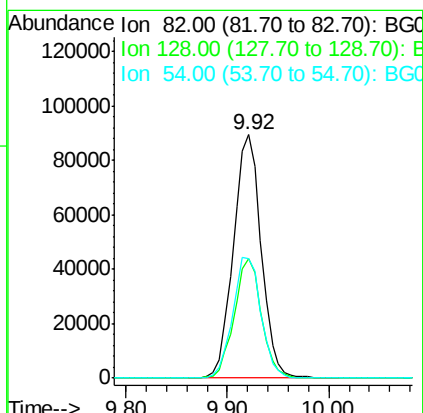
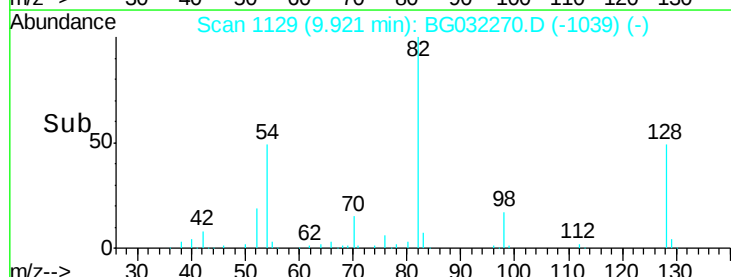
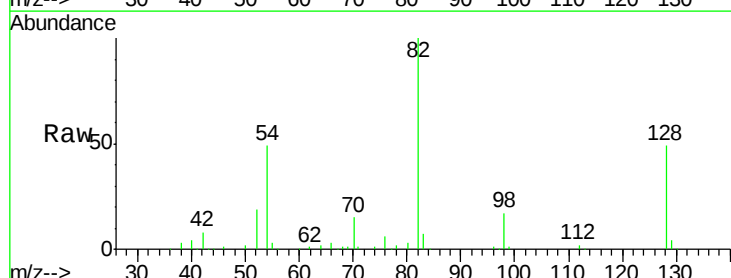
Instrument :
BNA_G
ClientSampleId :
AB-11(0-2)

Tgt Ion:	136	Resp:	153287
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	4.8	10.3	15.5#
68	2.1	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 74.940 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032270.D
Acq: 24 Jan 2018 20:56

Tgt Ion:	82	Resp:	169795
Ion	Ratio	Lower	Upper
82	100		
128	48.8	29.7	44.5#
54	49.1	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG032270.D

Acq: 24 Jan 2018 20:56

Instrument :

BNA_G

ClientSampleId :

AB-11(0-2)

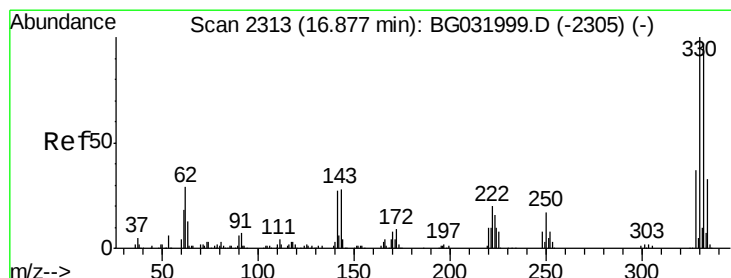
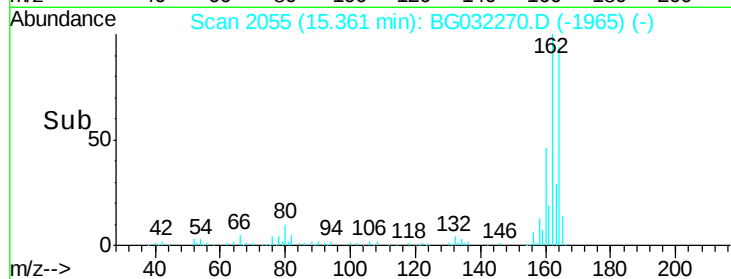
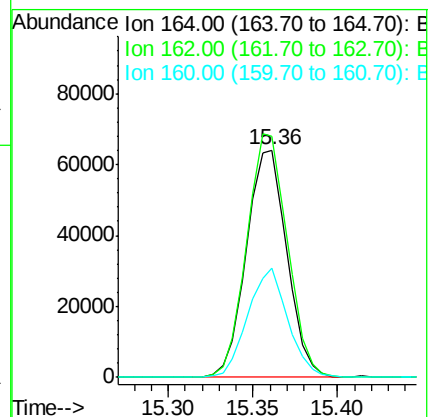
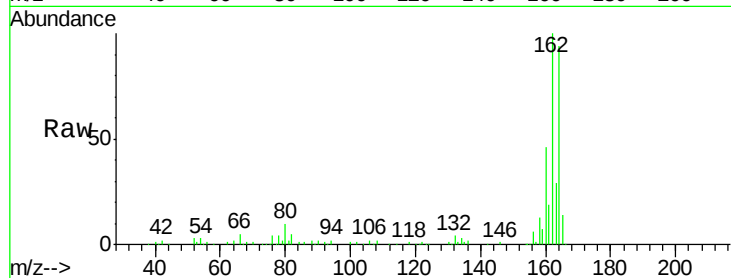
Tgt Ion:164 Resp: 106764

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

160 48.3 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 104.780 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032270.D

Acq: 24 Jan 2018 20:56

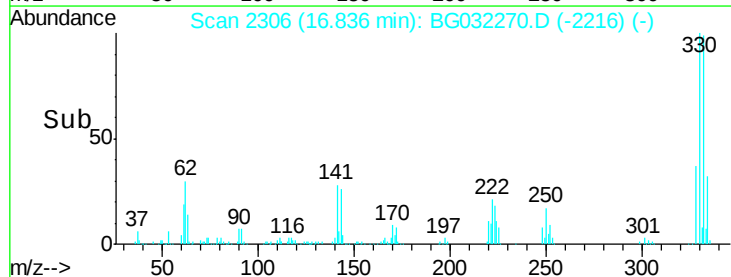
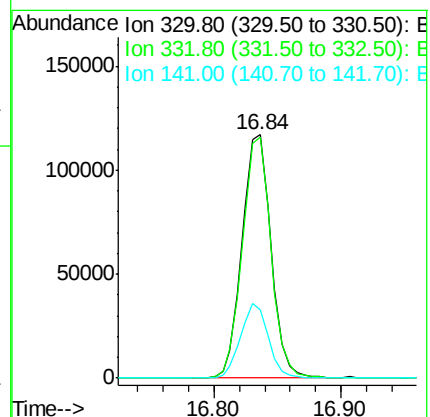
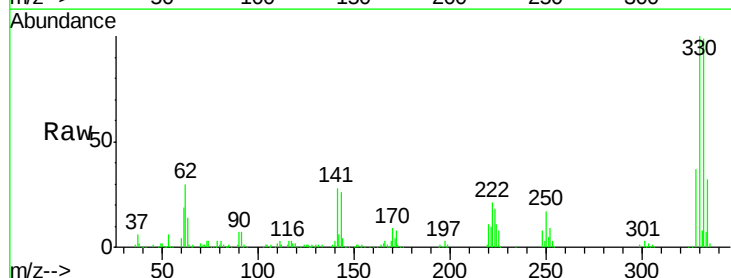
Tgt Ion:330 Resp: 185114

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

141 29.2 25.2 37.8

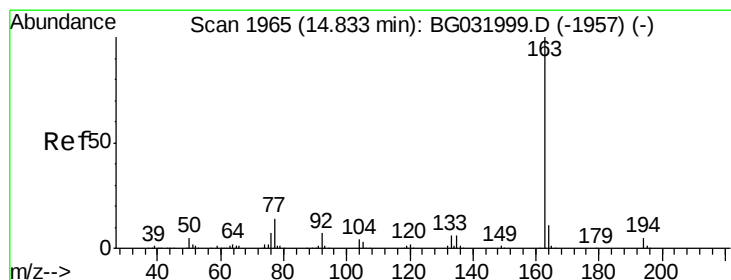
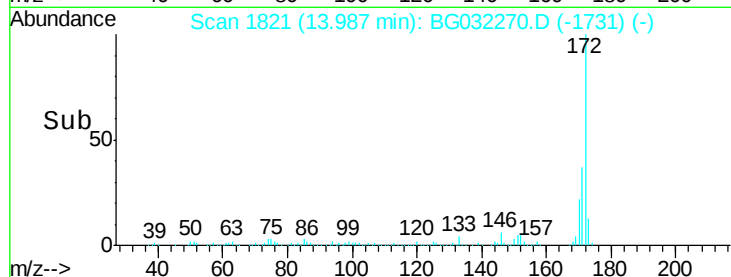
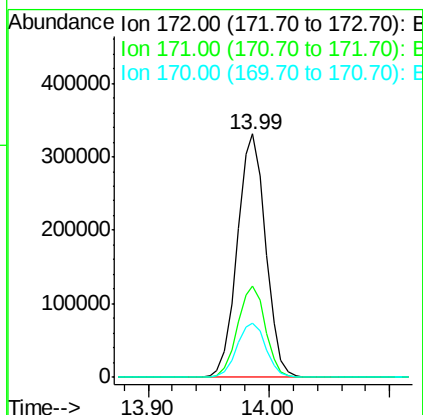
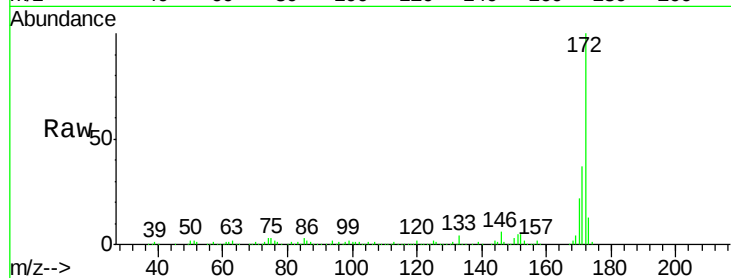




#44
2-Fluorobiphenyl
Concen: 62.743 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032270.D
Acq: 24 Jan 2018 20:56

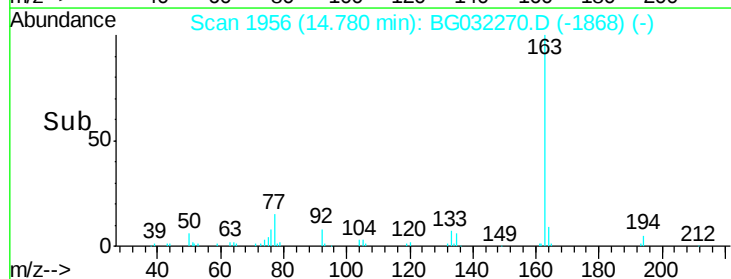
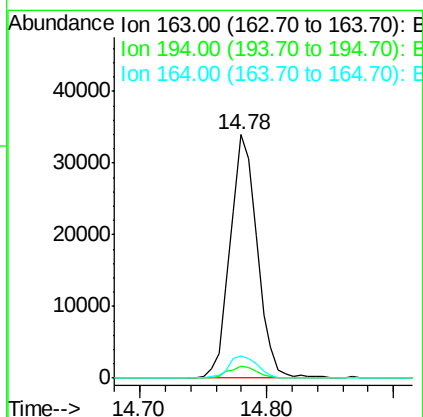
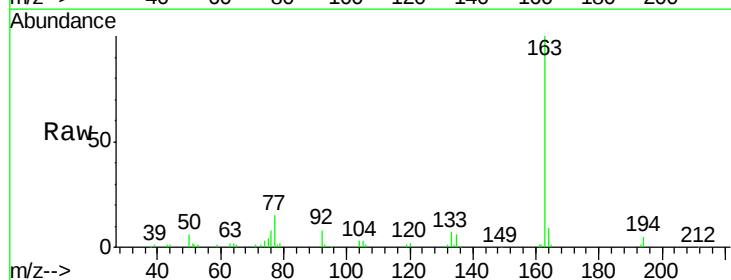
Instrument :
BNA_G
ClientSampleId :
AB-11(0-2)

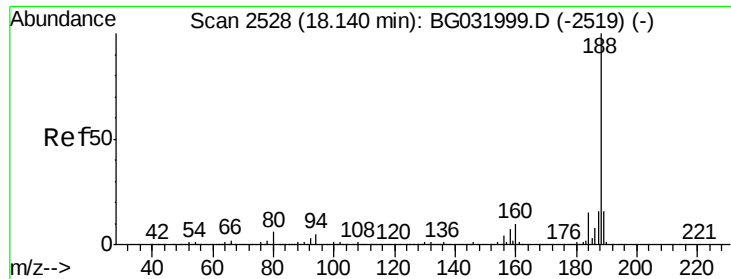
Tgt Ion:172 Resp: 540236
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 22.4 19.5 29.3



#49
Dimethylphthalate
Concen: 5.335 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032270.D
Acq: 24 Jan 2018 20:56

Tgt Ion:163 Resp: 49845
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 9.1 8.2 12.4

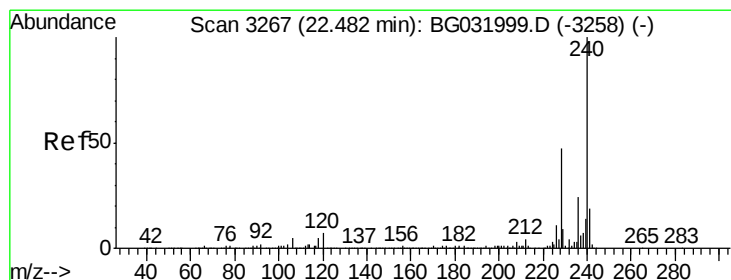
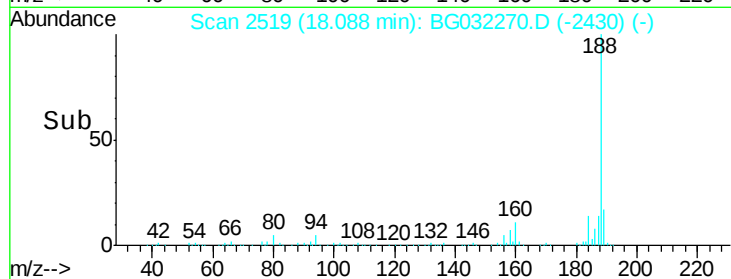
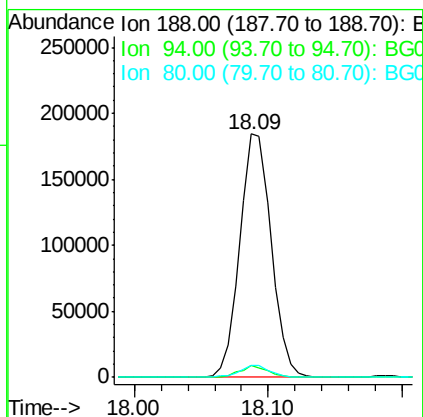
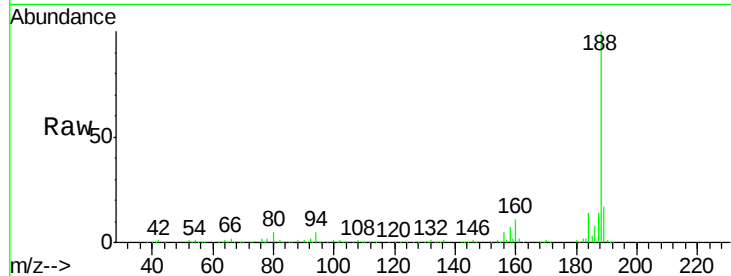




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032270.D
Acq: 24 Jan 2018 20:56

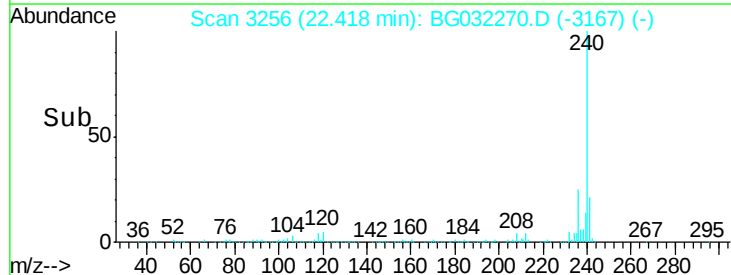
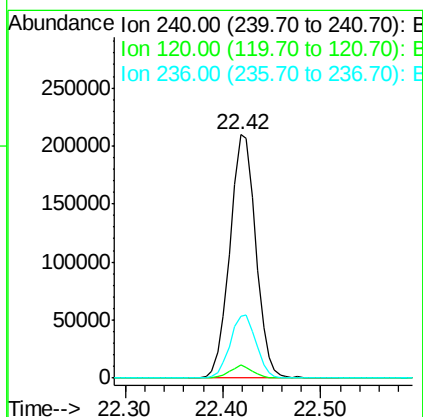
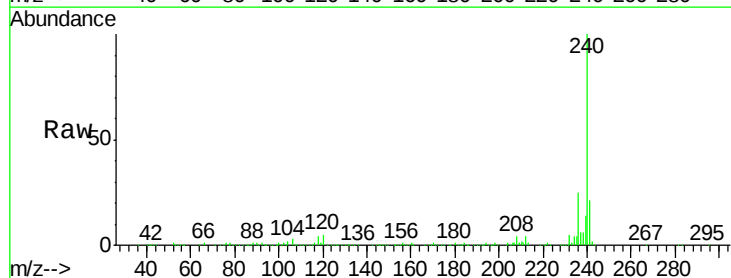
Instrument :
BNA_G
ClientSampleId :
AB-11(0-2)

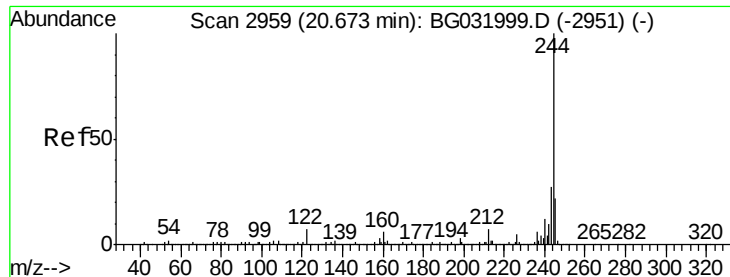
Tgt Ion:188 Resp: 299983
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 5.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032270.D
Acq: 24 Jan 2018 20:56

Tgt Ion:240 Resp: 387631
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 60.338 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032270.D

Acq: 24 Jan 2018 20:56

Instrument :

BNA_G

ClientSampleId :

AB-11(0-2)

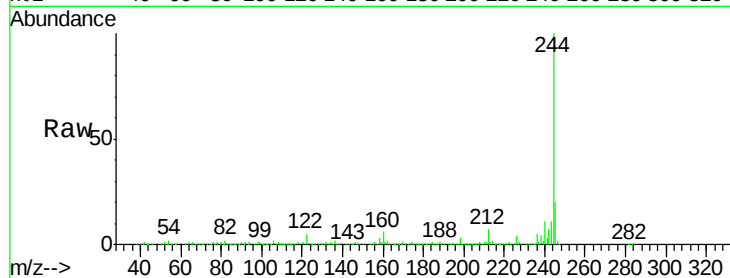
Tgt Ion:244 Resp: 1059253

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

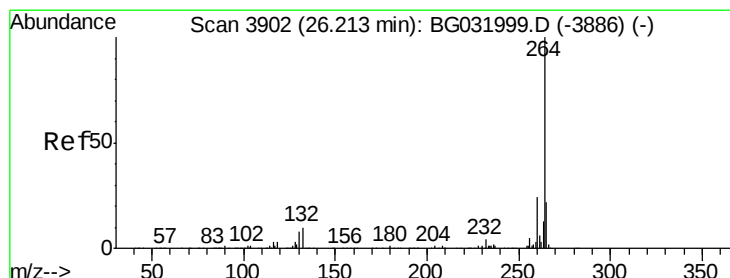
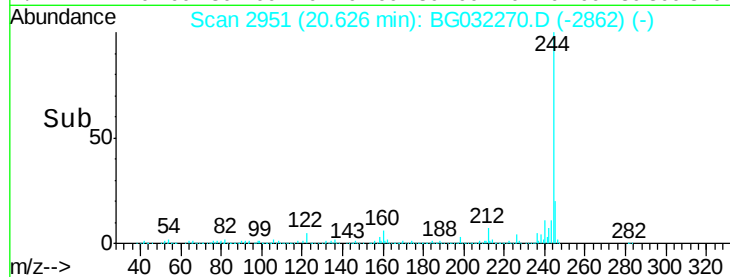
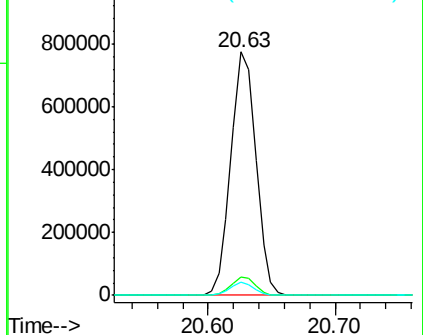
122 5.5 7.0 10.4#



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# 3883

Delta R.T. -0.01 min

Lab File: BG032270.D

Acq: 24 Jan 2018 20:56

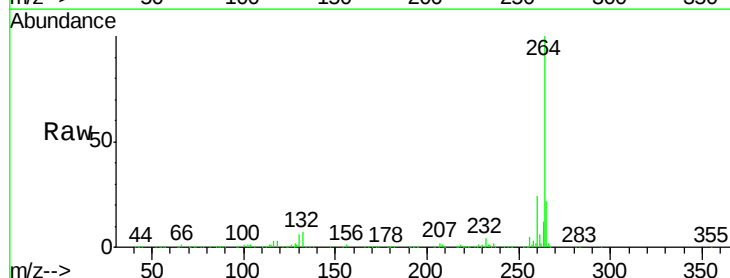
Tgt Ion:264 Resp: 405666

Ion Ratio Lower Upper

264 100

260 23.6 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

