

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032194.D
 Acq On : 21 Jan 2018 00:19
 Operator : SJ/JU
 Sample : J1231-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BR-1A

Quant Time: Jan 22 05:52:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

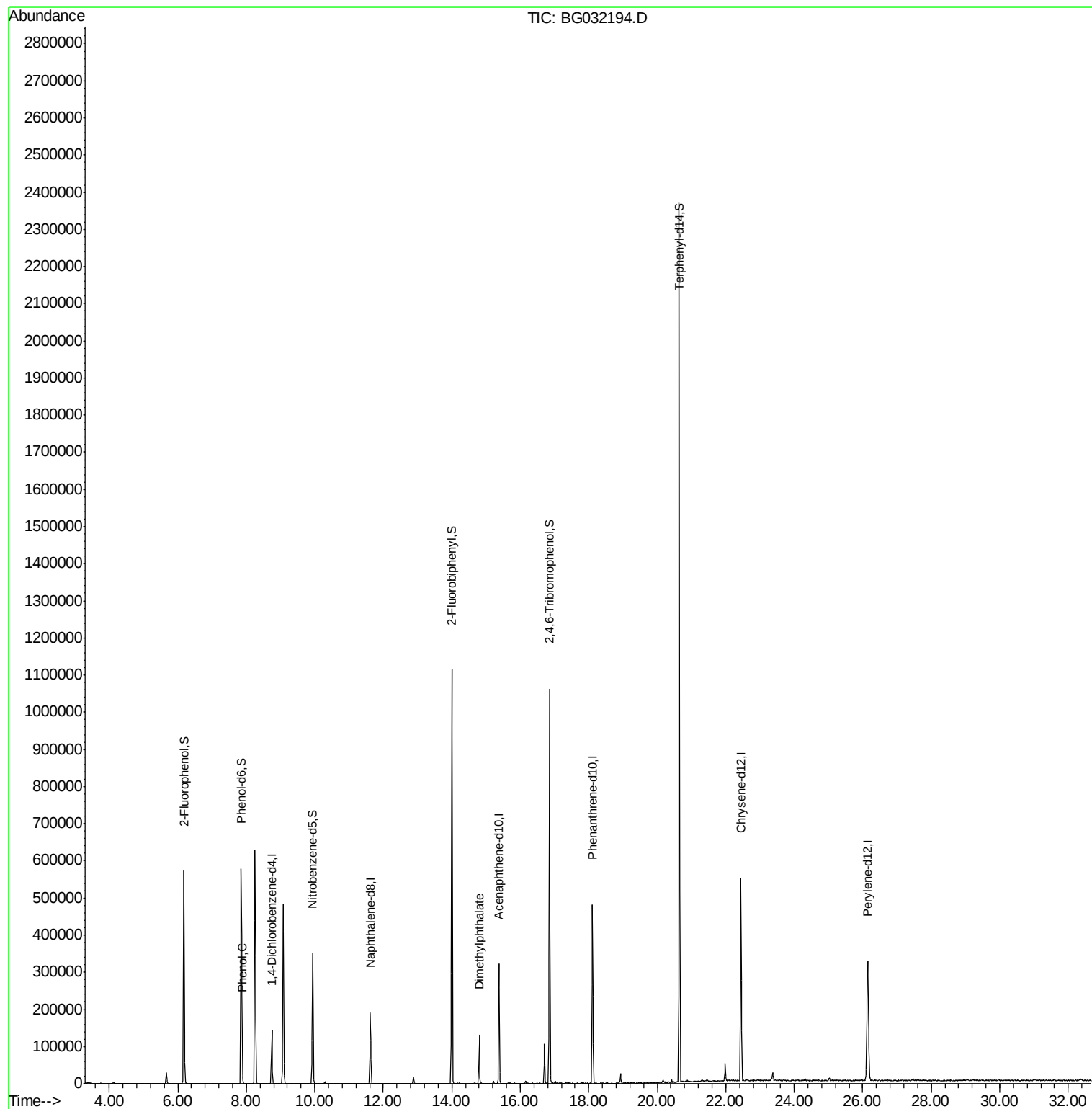
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	48297	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	184820	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	124328	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	321392	20.00	ng	0.00
75) Chrysene-d12	22.44	240	422120	20.00	ng	0.00
86) Perylene-d12	26.14	264	442714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	295900	112.05	ng	0.00
7) Phenol-d6	7.85	99	363342	109.25	ng	0.00
23) Nitrobenzene-d5	9.94	82	218909	80.13	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	238984	116.16	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	654361	65.26	ng	0.00
78) Terphenyl-d14	20.64	244	1298787	67.94	ng	0.00
Target Compounds						
10) Phenol	7.88	94	16802	5.129	ng	93
49) Dimethylphthalate	14.80	163	102859	9.454	ng	# 99

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

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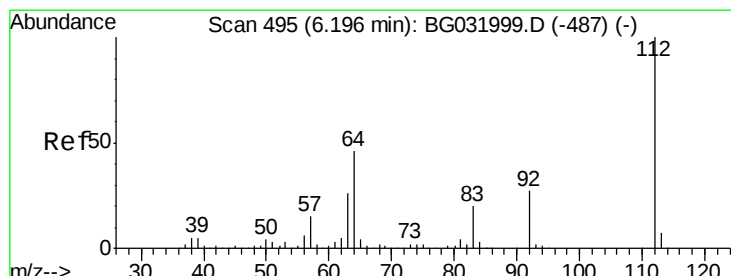
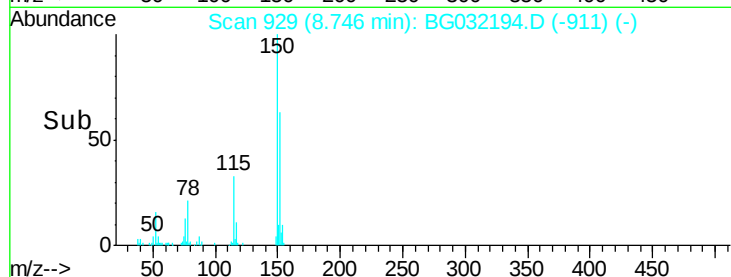
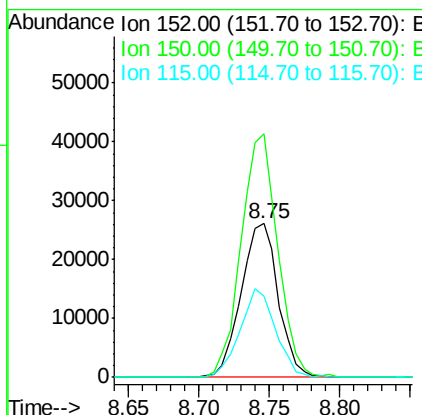
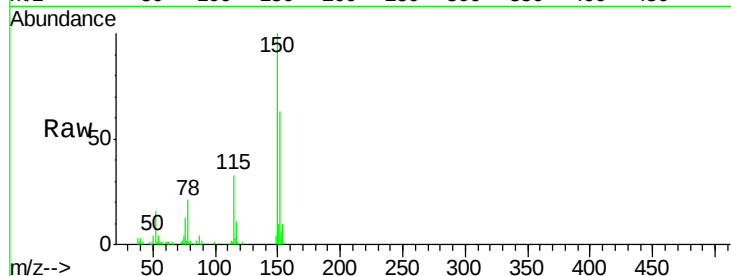


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG032194.D
Acq: 21 Jan 2018 00:19

Instrument :
BNA_G
ClientSampleId :
BR-1A

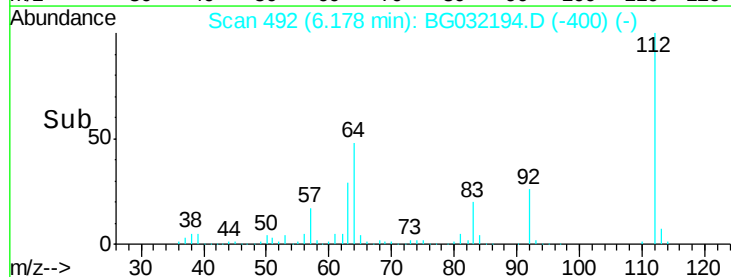
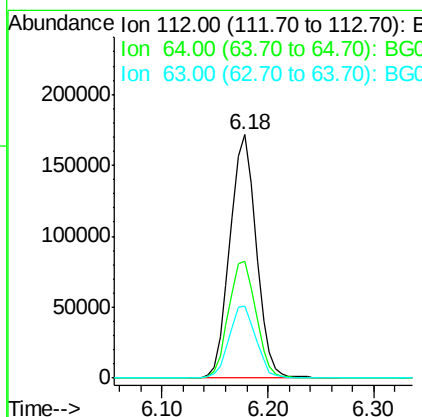
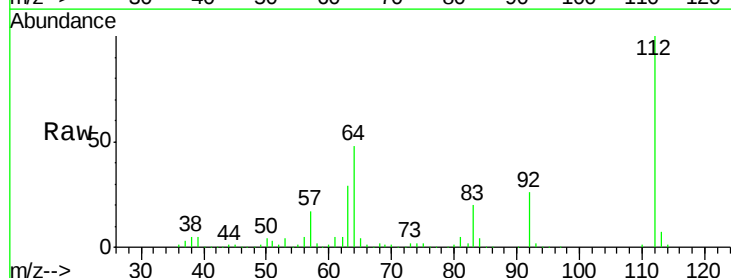
Tot Ion:152 Resp: 48297
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 53.0 53.0 79.4

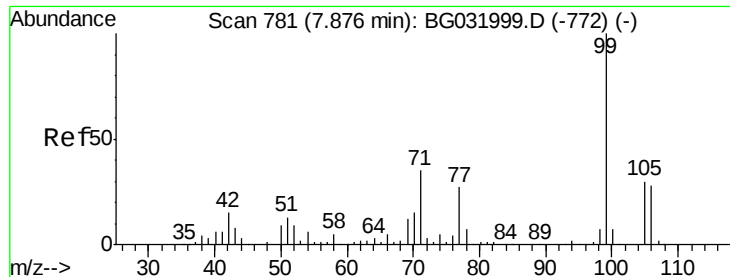


#5

2-Fluorophenol
Concen: 112.053 ng
RT: 6.18 min Scan# 492
Delta R.T. 0.01 min
Lab File: BG032194.D
Acq: 21 Jan 2018 00:19

Tgt Ion:112 Resp: 295900
Ion Ratio Lower Upper
112 100
64 48.2 56.3 84.5#
63 29.5 30.1 45.1#





#7

Phenol-d6

Concen: 109.249 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032194.D

Acq: 21 Jan 2018 00:19

Instrument :

BNA_G

ClientSampleId :

BR-1A

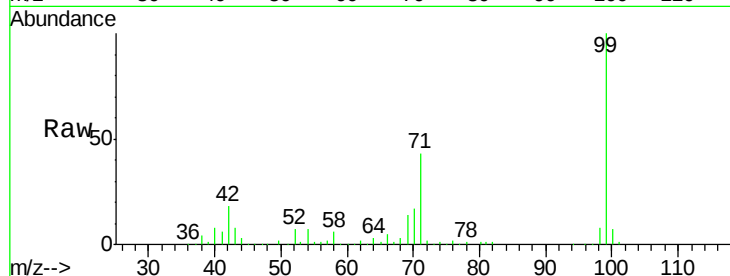
Tot Ion: 99 Resp: 363342

Ion Ratio Lower Upper

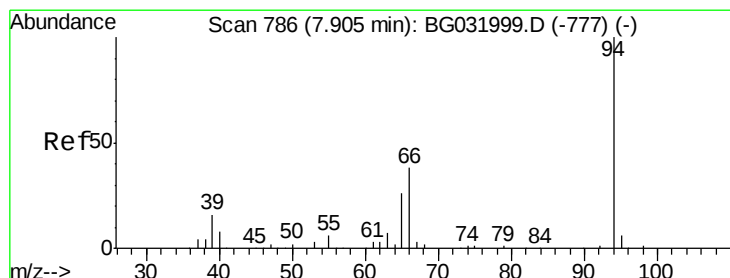
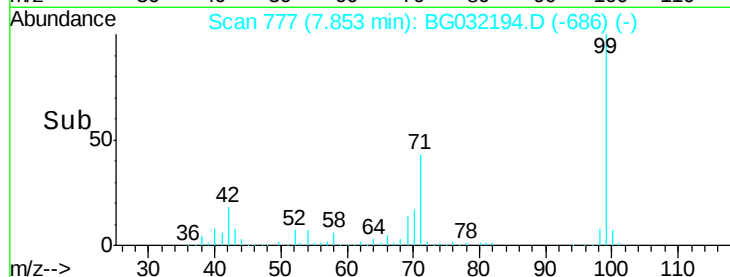
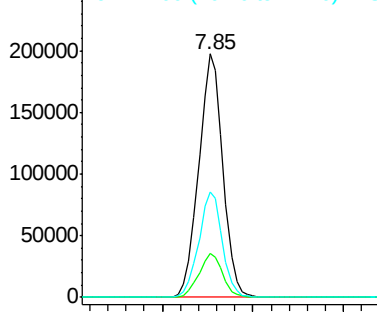
99 100

42 18.0 14.1 21.1

71 43.1 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: 5.129 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG032194.D

Acq: 21 Jan 2018 00:19

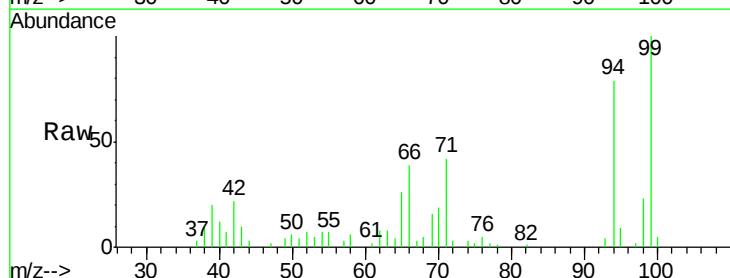
Tgt Ion: 94 Resp: 16802

Ion Ratio Lower Upper

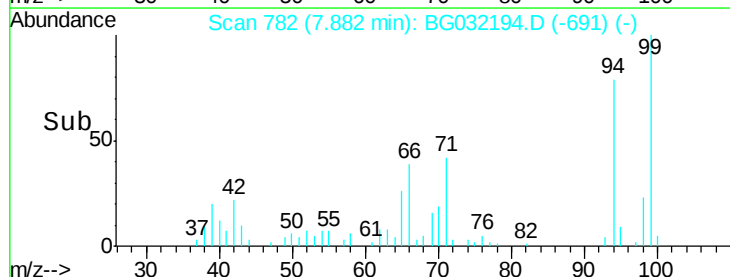
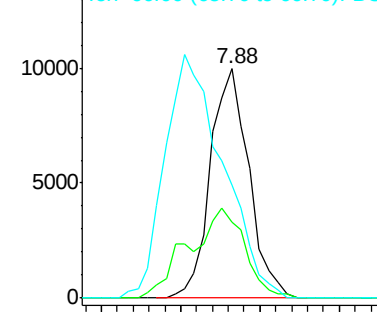
94 100

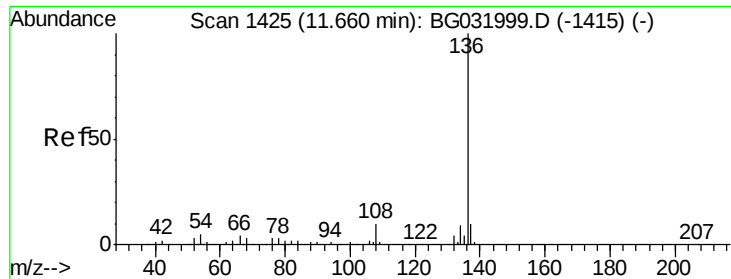
65 33.2 11.9 51.9

66 49.3 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

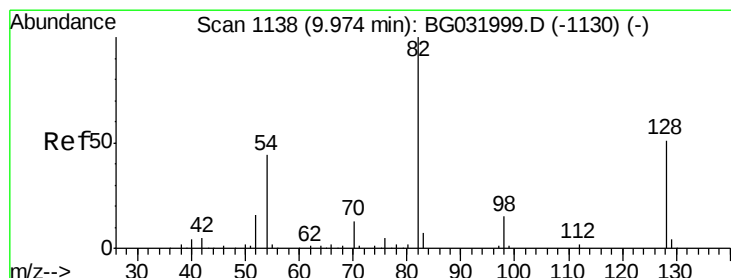
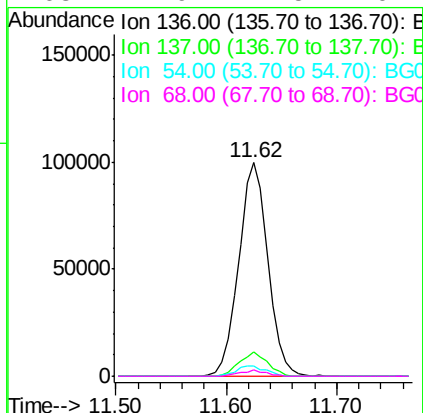
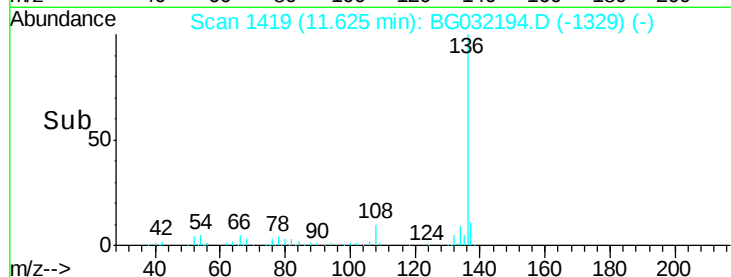
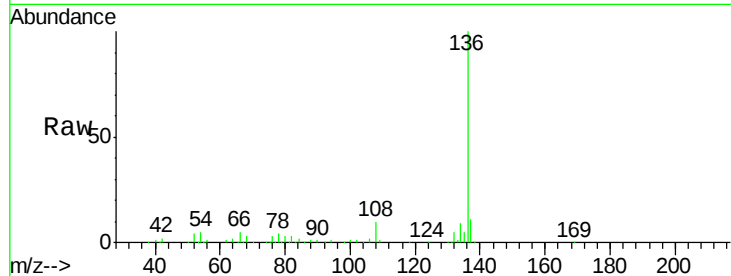




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032194.D
Acq: 21 Jan 2018 00:19

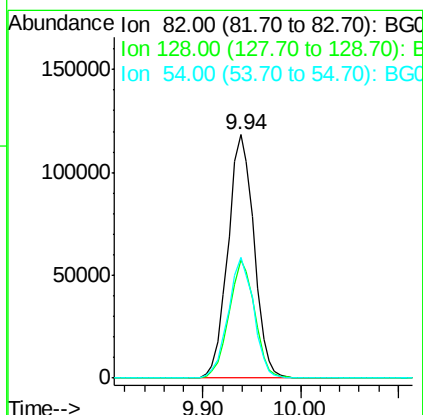
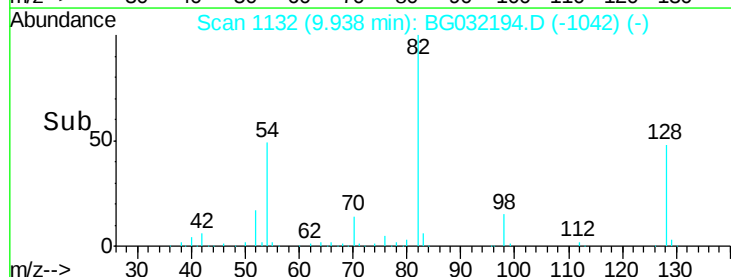
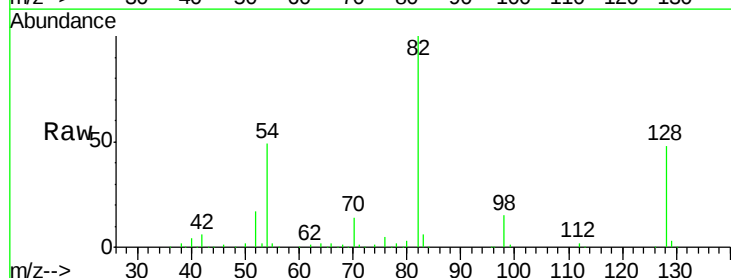
Instrument :
BNA_G
ClientSampleId :
BR-1A

Tot Ion:136	Resp:	184820
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	4.9	10.3 15.5#
68	2.9	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 80.133 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032194.D
Acq: 21 Jan 2018 00:19

Tgt Ion: 82	Resp:	218909
Ion	Ratio	Lower Upper
82	100	
128	48.3	29.7 44.5#
54	49.4	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032194.D

Acq: 21 Jan 2018 00:19

Instrument :

BNA_G

ClientSampleId :

BR-1A

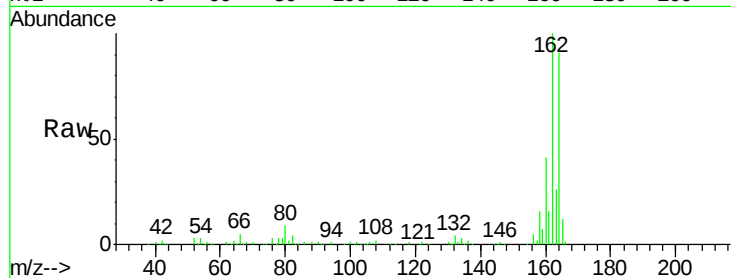
Tot Ion:164 Resp: 124328

Ion Ratio Lower Upper

164 100

162 109.9 78.8 118.2

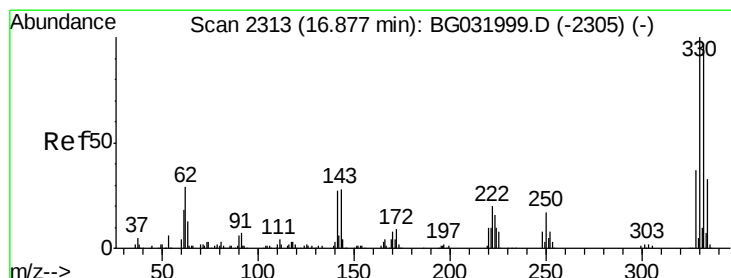
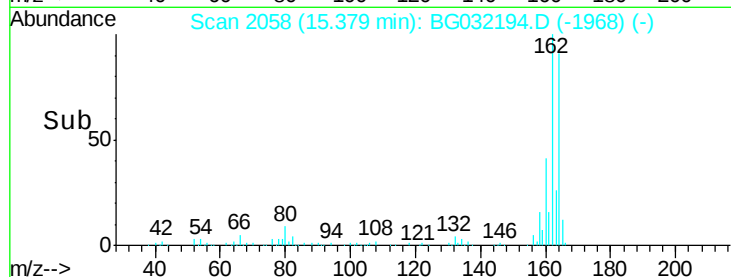
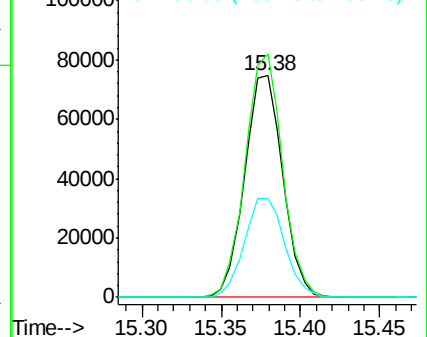
160 44.7 35.4 53.0



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: 116.162 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032194.D

Acq: 21 Jan 2018 00:19

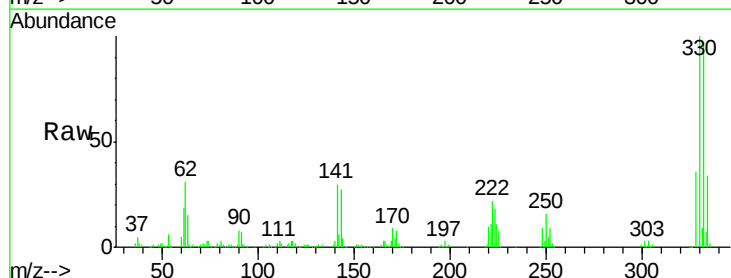
Tgt Ion:330 Resp: 238984

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

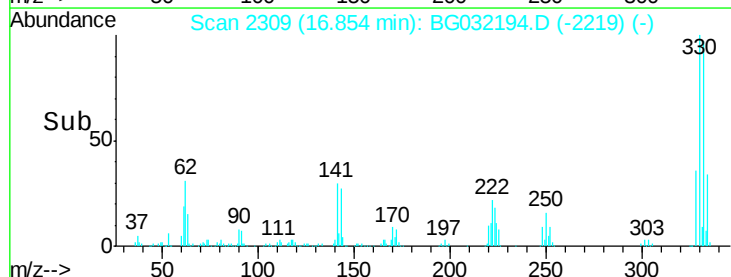
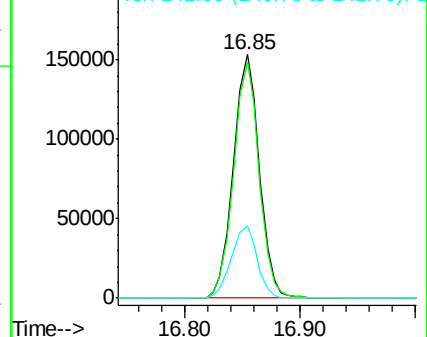
141 29.5 25.2 37.8

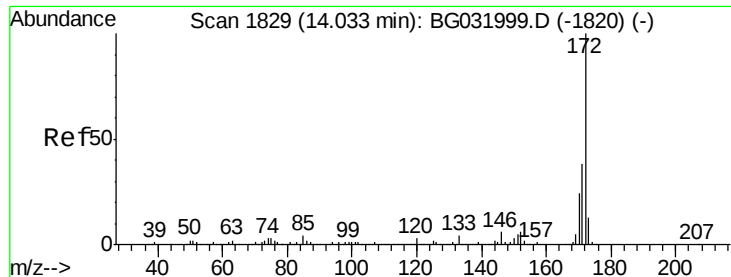


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

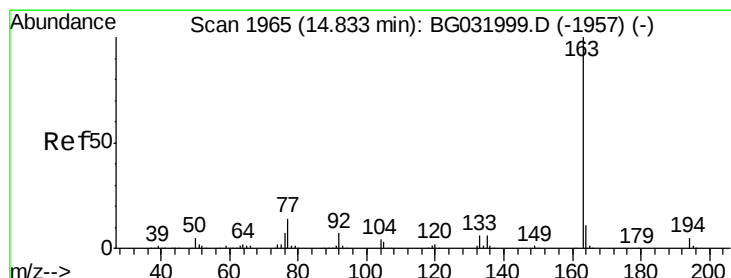
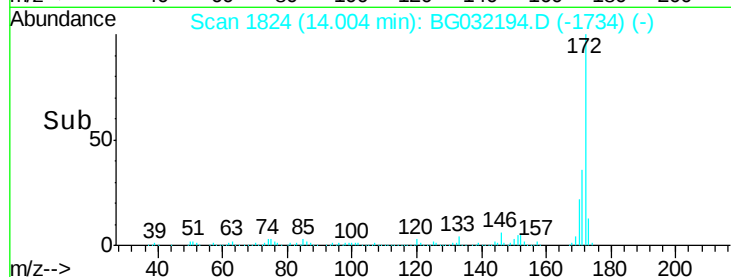
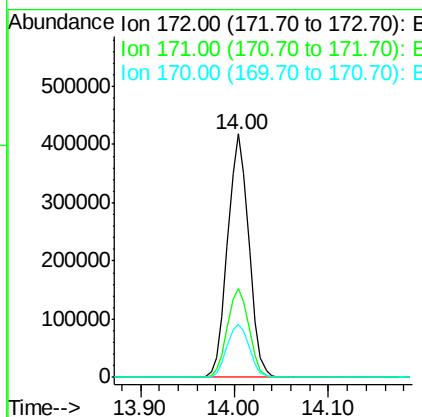
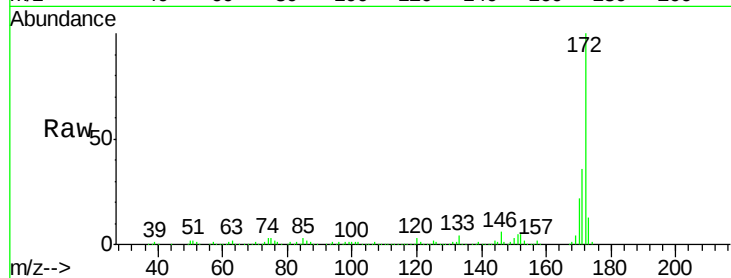




#44
2-Fluorobiphenyl
Concen: 65.261 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032194.D
Acq: 21 Jan 2018 00:19

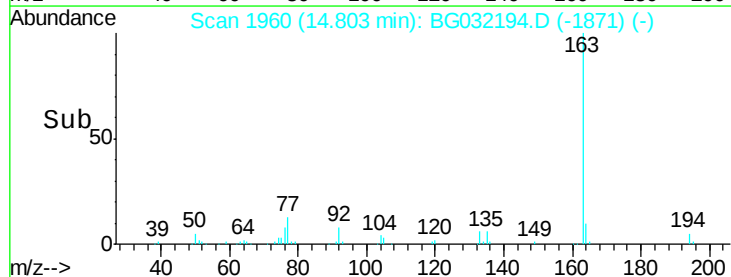
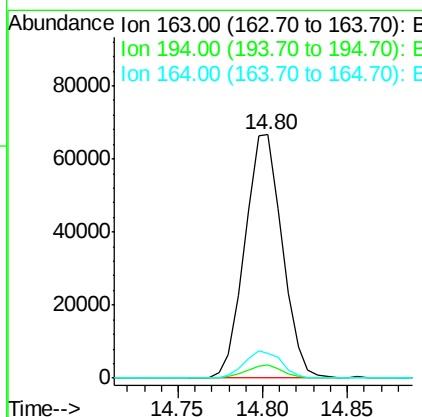
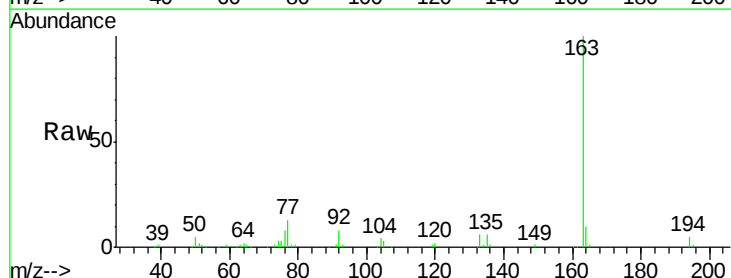
Instrument :
BNA_G
ClientSampled :
BR-1A

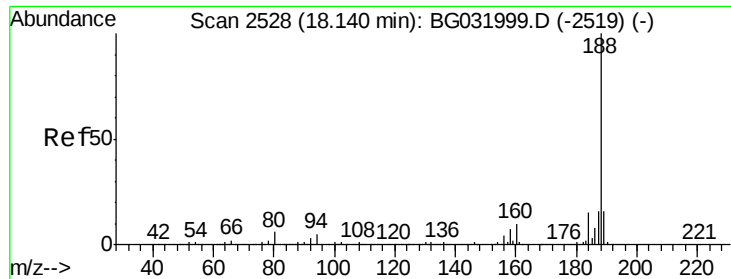
Tot Ion:172 Resp: 654361
Ion Ratio Lower Upper
172 100
171 36.5 30.0 45.0
170 21.7 19.5 29.3



#49
Dimethylphthalate
Concen: 9.454 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG032194.D
Acq: 21 Jan 2018 00:19

Tgt Ion:163 Resp: 102859
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.2 8.2 12.4

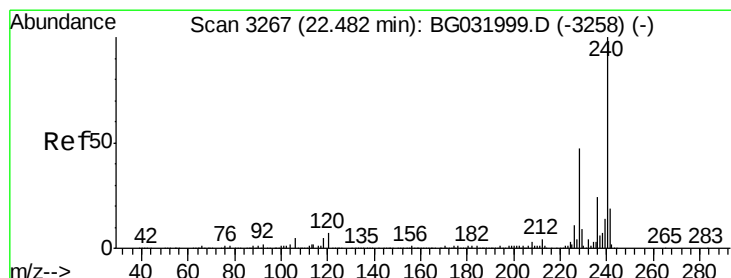
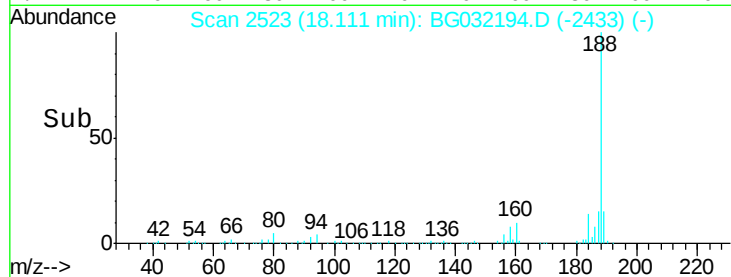
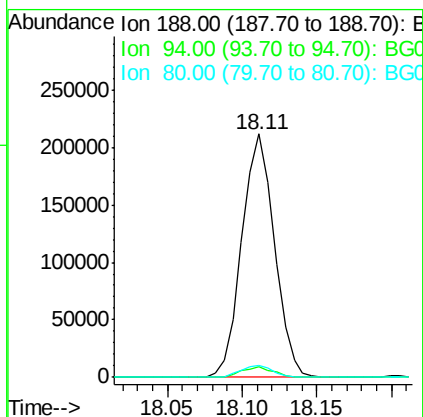
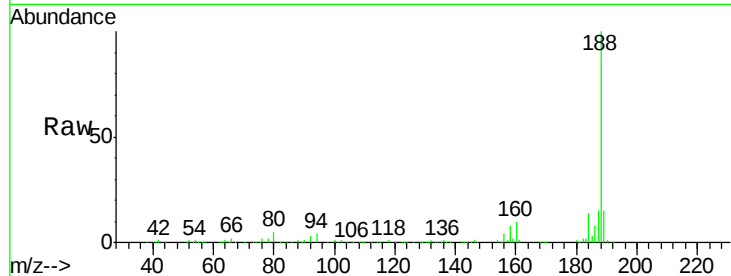




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032194.D
Acq: 21 Jan 2018 00:19

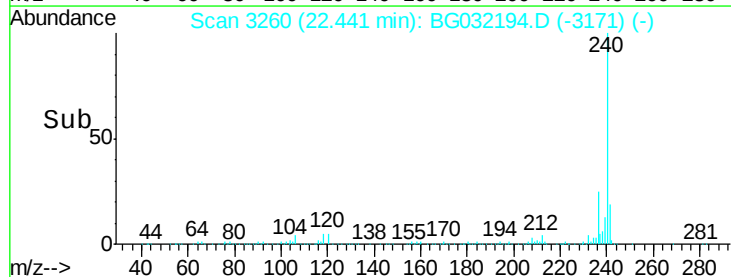
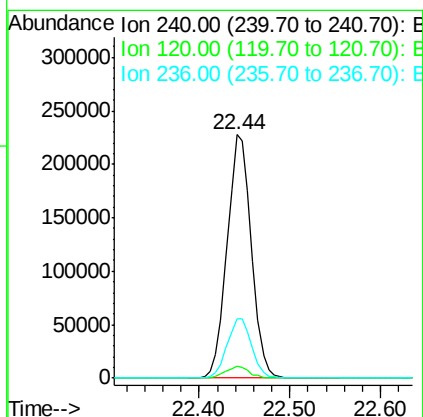
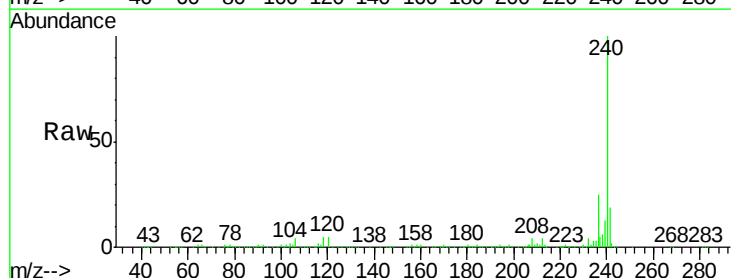
Instrument :
BNA_G
ClientSampled :
BR-1A

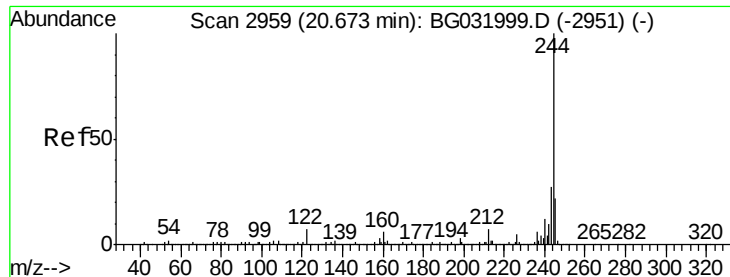
Tot Ion:188 Resp: 321392
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 5.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032194.D
Acq: 21 Jan 2018 00:19

Tgt Ion:240 Resp: 422120
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 24.6 20.9 31.3





#78

Terphenyl-d14

Concen: 67.938 ng

RT: 20.64 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032194.D

Acq: 21 Jan 2018 00:19

Instrument :

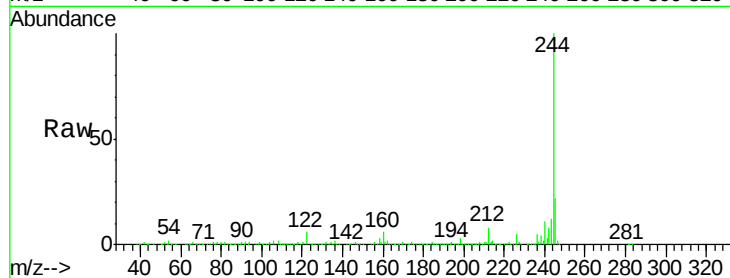
BNA_G

ClientSampleId :

BR-1A

Tot Ion:244 Resp: 1298787

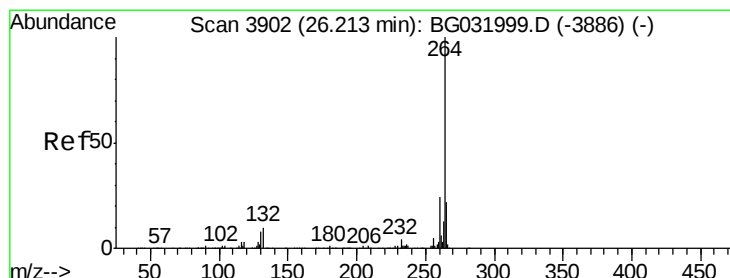
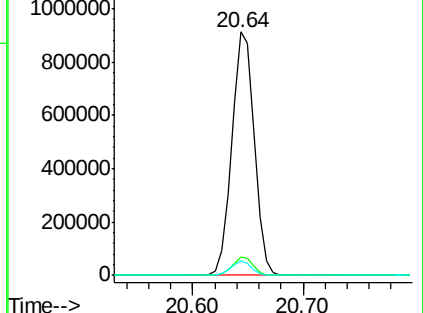
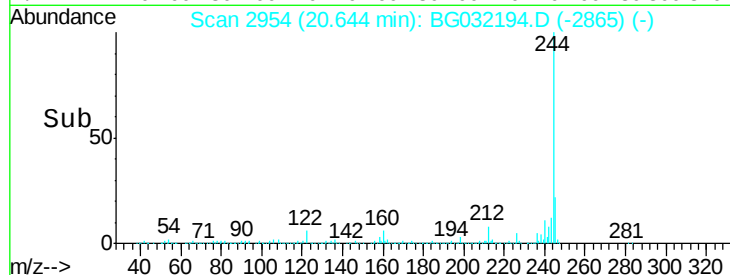
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.8	7.0	10.4



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: 26.14 min Scan# 3890

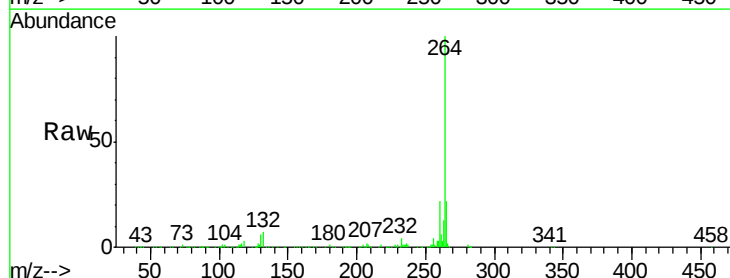
Delta R.T. -0.01 min

Lab File: BG032194.D

Acq: 21 Jan 2018 00:19

Tgt Ion:264 Resp: 442714

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.5	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

