

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032176.D
 Acq On : 20 Jan 2018 8:15
 Operator : SJ/JU
 Sample : J1023-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-011718

Quant Time: Jan 22 00:12:13 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	46254	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	171884	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	111305	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	290965	20.00	ng	0.00
75) Chrysene-d12	22.44	240	416120	20.00	ng	0.00
86) Perylene-d12	26.15	264	435210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	338454	133.83	ng	0.00
7) Phenol-d6	7.85	99	376178	118.10	ng	0.00
23) Nitrobenzene-d5	9.94	82	276002	108.64	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	294597	159.95	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	914070	101.83	ng	0.00
78) Terphenyl-d14	20.65	244	1852428	98.29	ng	0.00

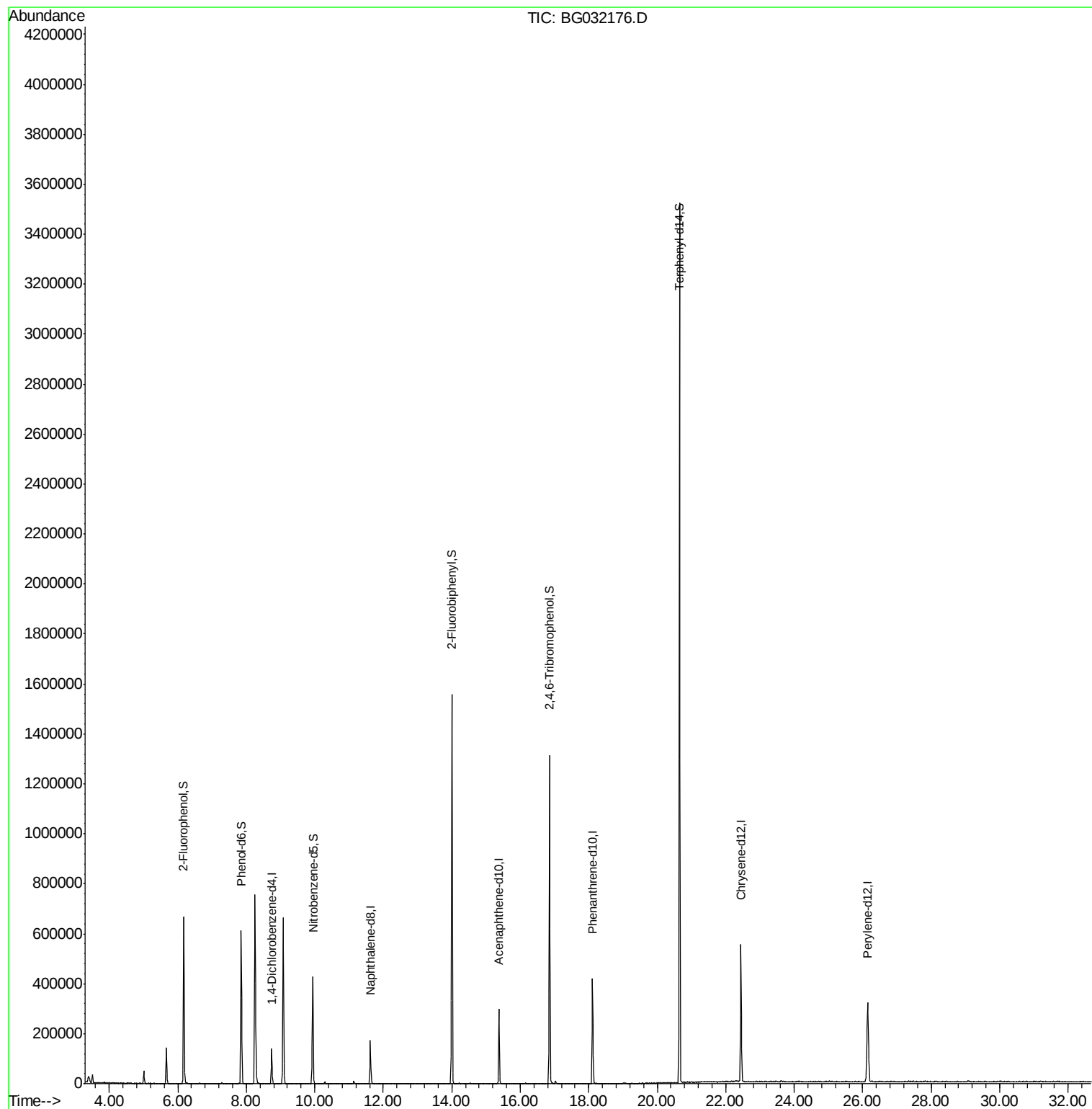
Target Compounds Qvalue

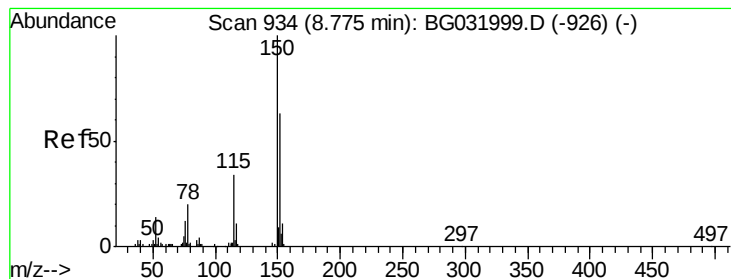
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032176.D
Acq On : 20 Jan 2018 8:15
Operator : SJ/JU
Sample : J1023-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-011718

Quant Time: Jan 22 00:12:13 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.75 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

Instrument :

BNA_G

ClientSampleId :

TR-04-011718

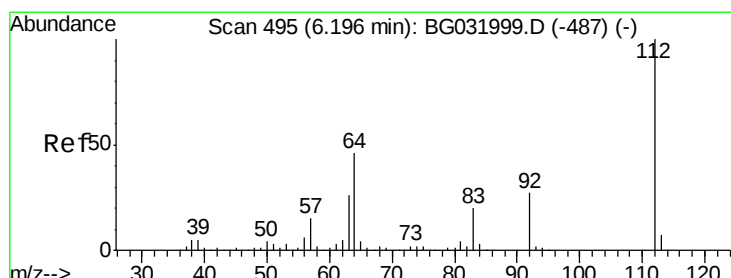
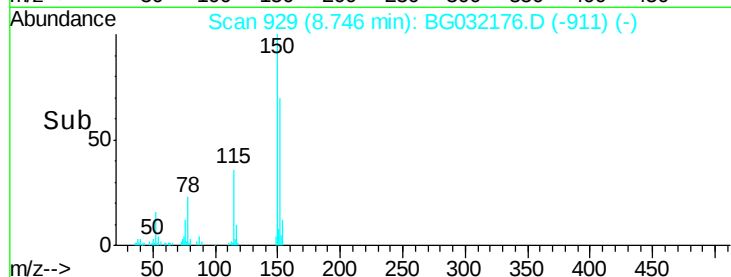
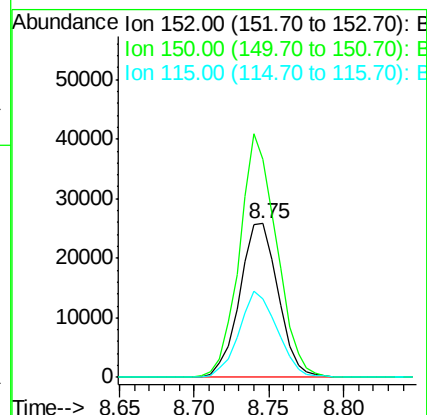
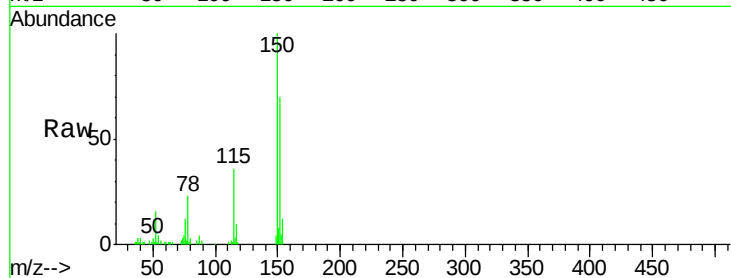
Tot Ion:152 Resp: 46254

Ion Ratio Lower Upper

152 100

150 142.0 126.6 189.8

115 51.1 53.0 79.4#



#5

2-Fluorophenol

Concen: 133.828 ng

RT: 6.17 min Scan# 491

Delta R.T. 0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

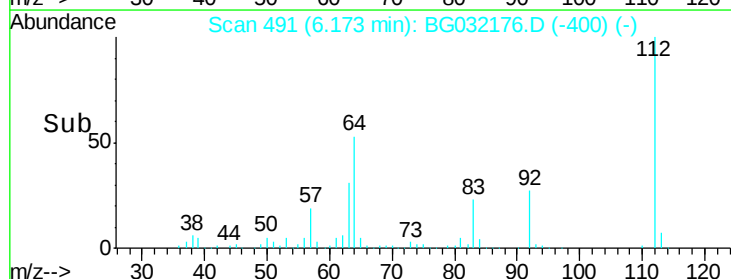
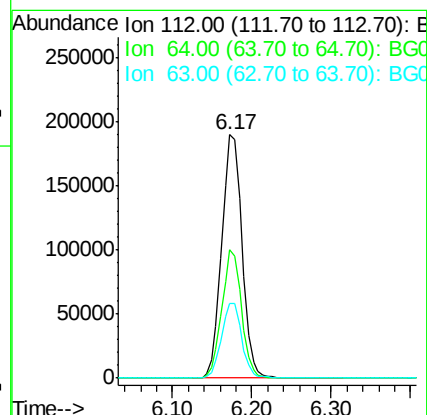
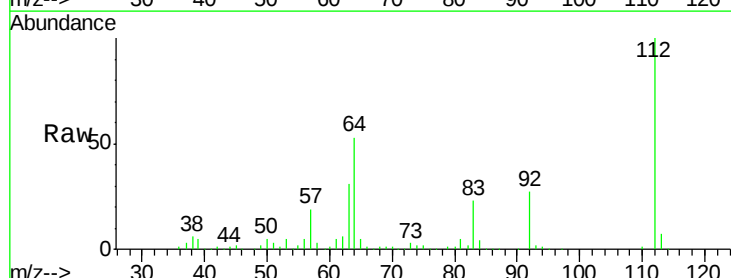
Tgt Ion:112 Resp: 338454

Ion Ratio Lower Upper

112 100

64 53.0 56.3 84.5#

63 30.9 30.1 45.1





#7

Phenol-d6

Concen: 118.104 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

Instrument :

BNA_G

ClientSampleId :

TR-04-011718

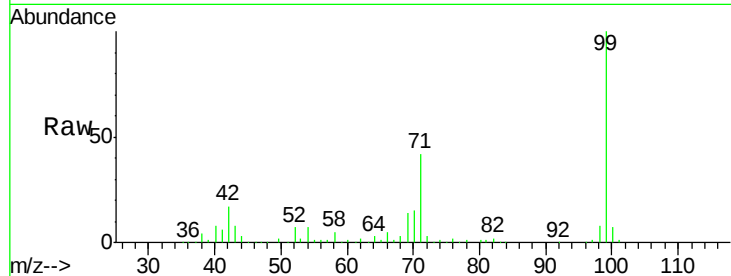
Tot Ion: 99 Resp: 376178

Ion Ratio Lower Upper

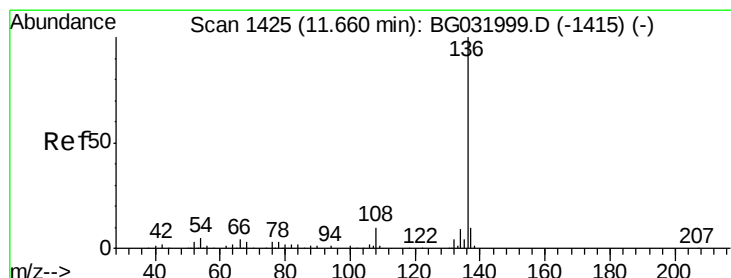
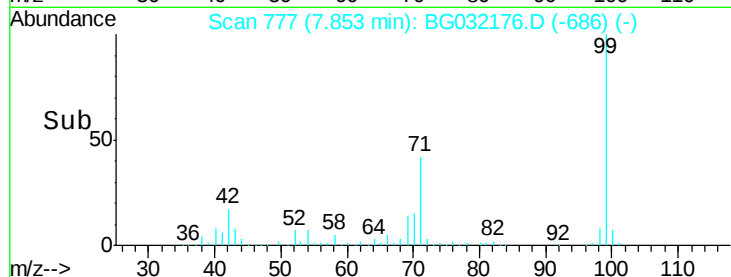
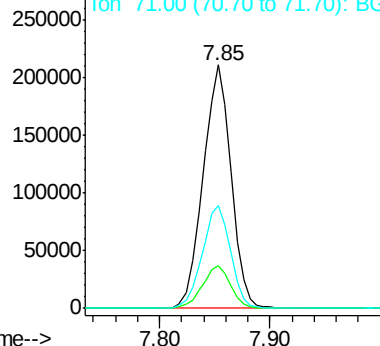
99 100

42 17.4 14.1 21.1

71 42.4 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: 11.63 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

Tgt Ion: 136 Resp: 171884

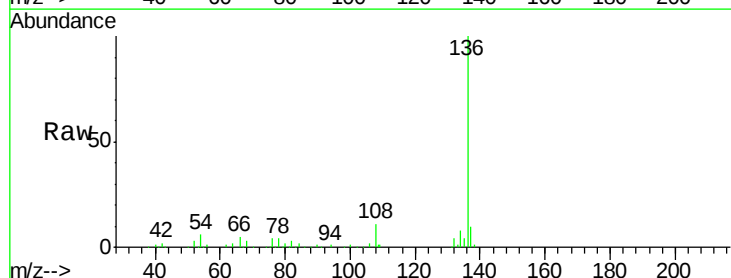
Ion Ratio Lower Upper

136 100

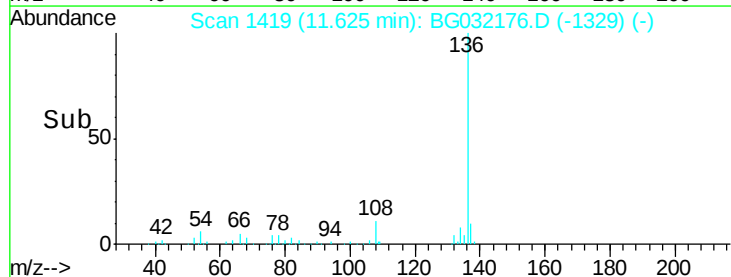
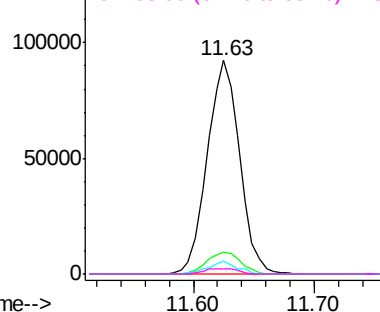
137 10.2 9.2 13.8

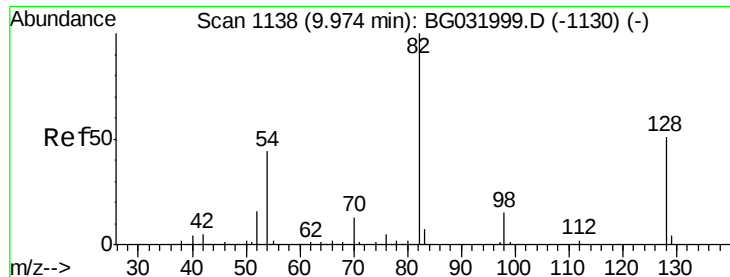
54 6.1 10.3 15.5#

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

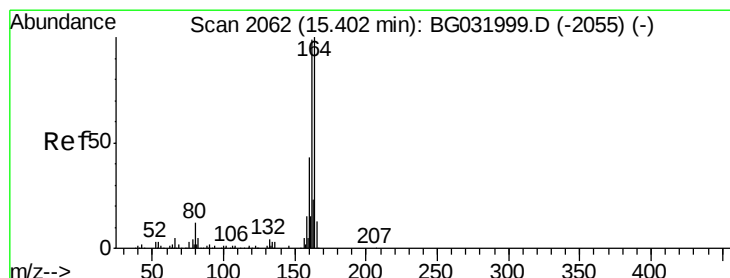
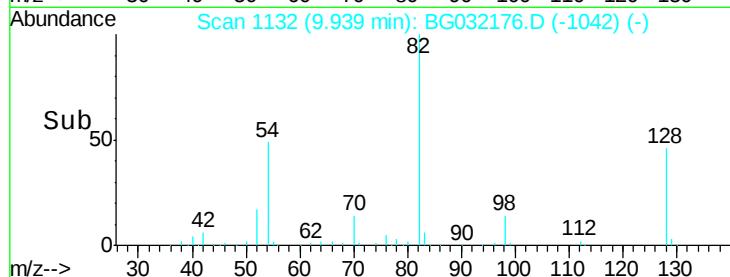
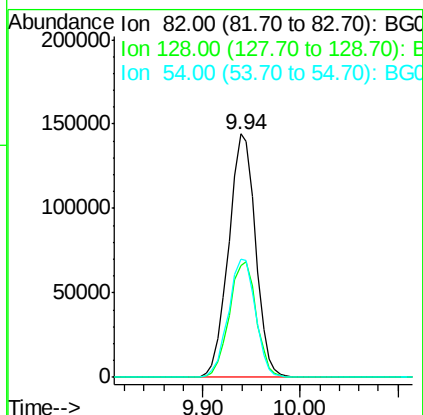
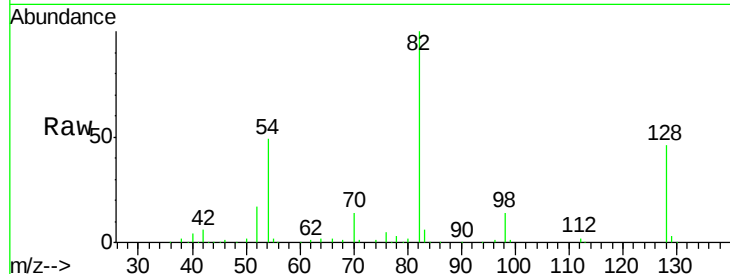




#23
 Nitrobenzene-d5
 Concen: 108.636 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG032176.D
 Acq: 20 Jan 2018 8:15

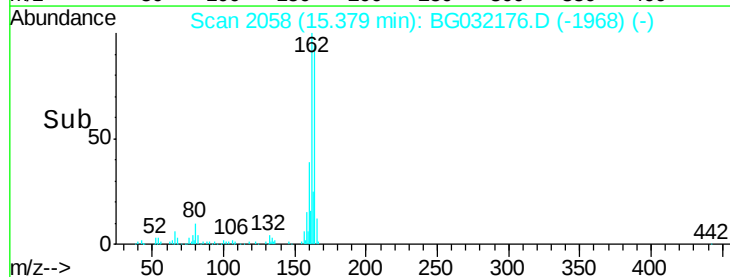
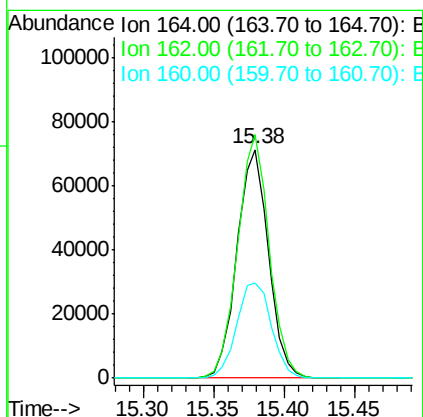
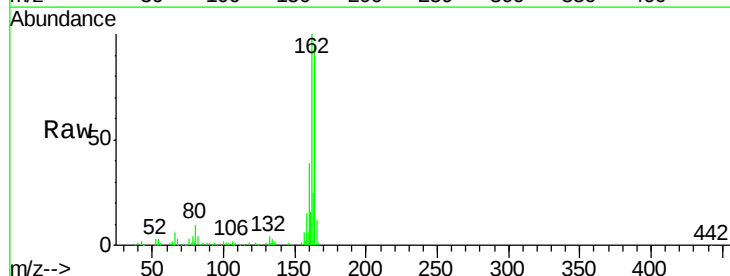
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-011718

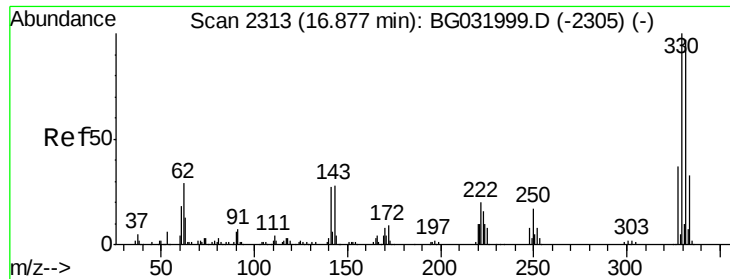
Tot Ion	82	Resp	276002
Ion Ratio	100	Lower	Upper
128	45.7	29.7	44.5#
54	48.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BG032176.D
 Acq: 20 Jan 2018 8:15

Tgt Ion	164	Resp	111305
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.4	78.8	118.2
160	41.8	35.4	53.0

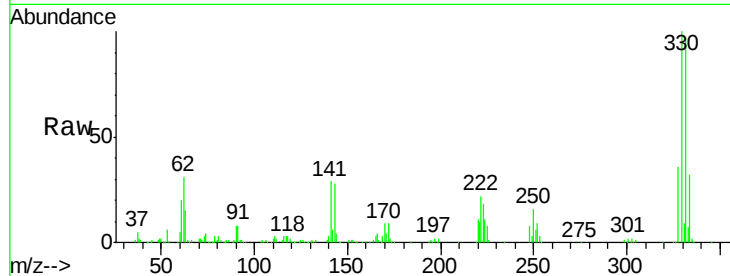




#41
 2,4,6-Tribromophenol
 Concen: 159.947 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032176.D
 Acq: 20 Jan 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-011718

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	28.9	25.2	37.8

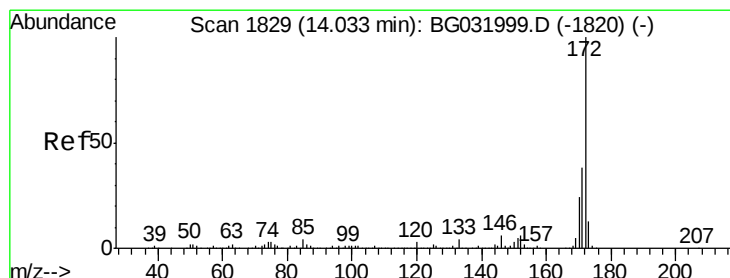
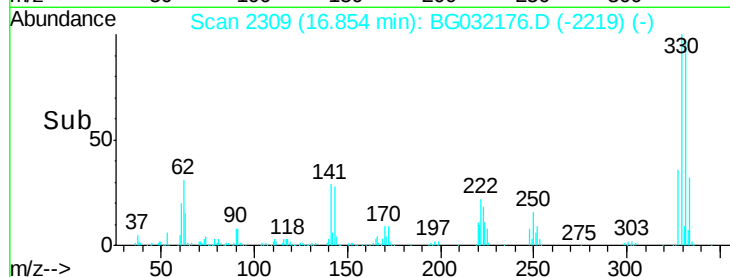
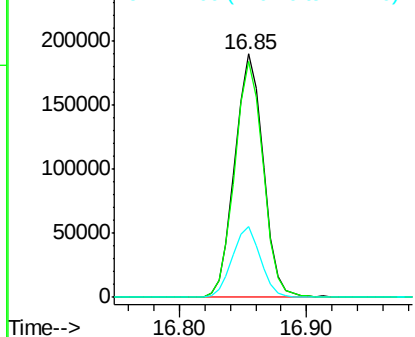


Abundance

Ion 329.80 (329.50 to 330.50): E

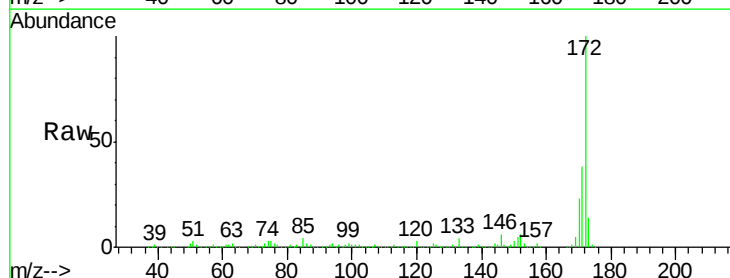
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.828 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032176.D
 Acq: 20 Jan 2018 8:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	22.7	19.5	29.3

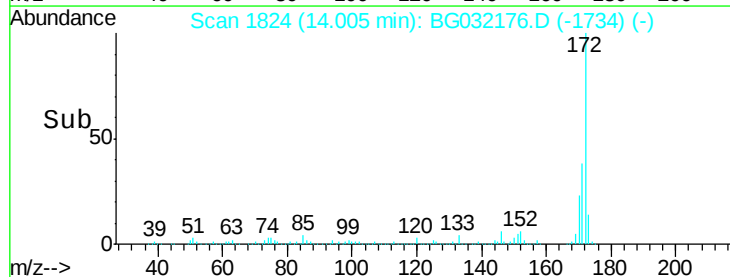
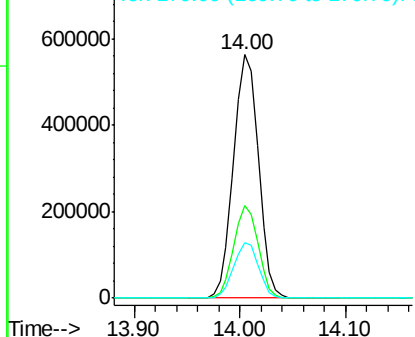


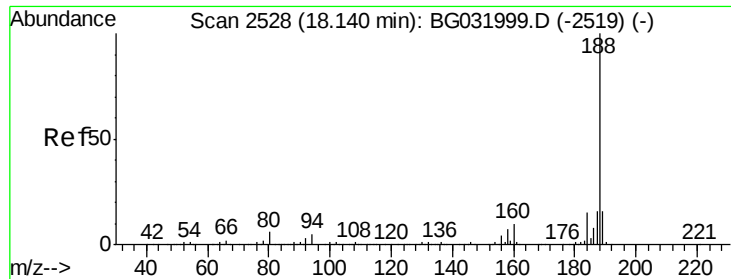
Abundance

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

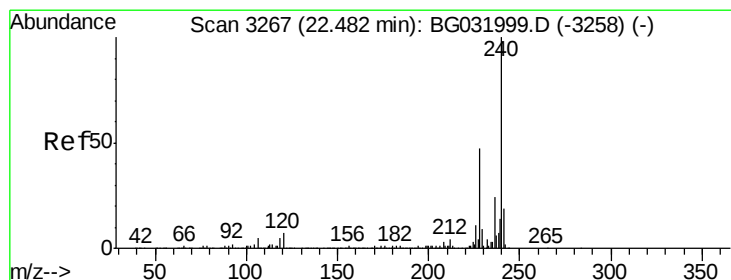
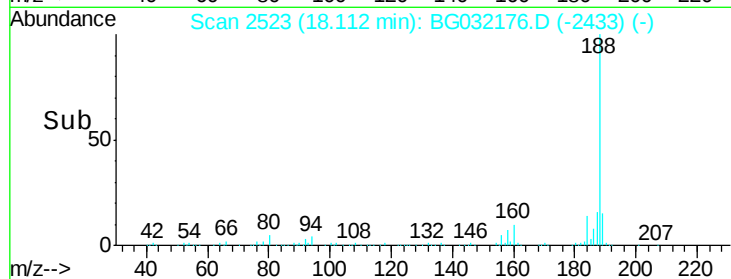
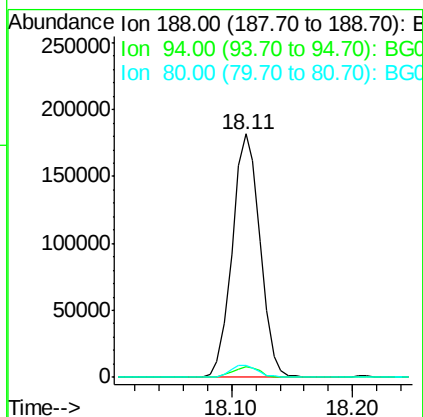
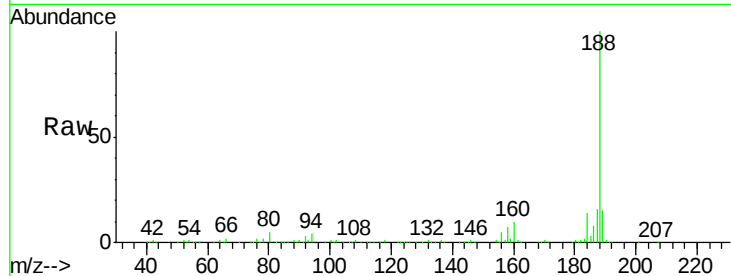




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

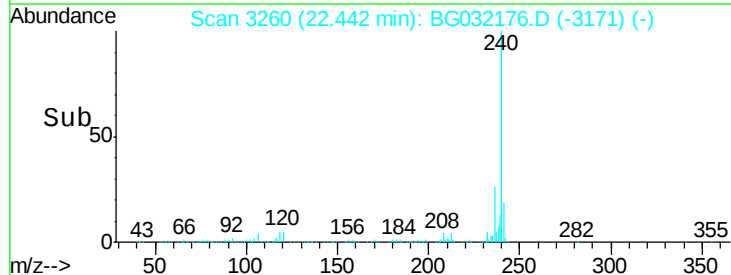
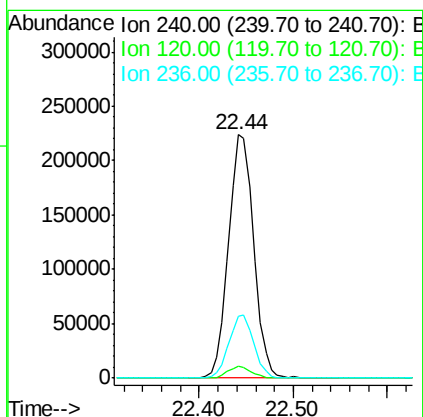
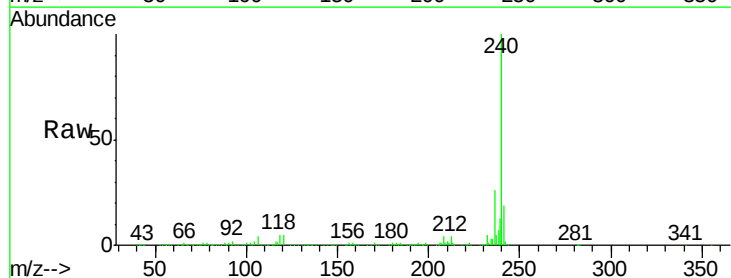
Instrument :
BNA_G
ClientSampleId :
TR-04-011718

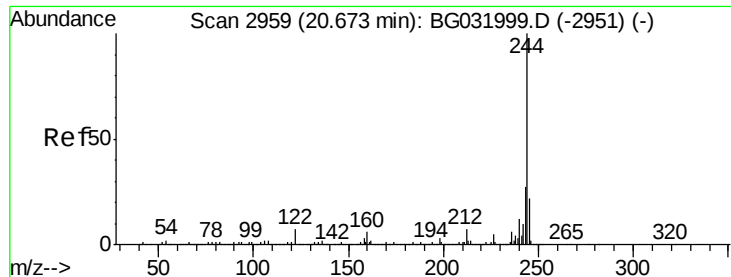
Tot Ion:188 Resp: 290965
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 4.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

Tgt Ion:240 Resp: 416120
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 98.295 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

Instrument :

BNA_G

ClientSampleId :

TR-04-011718

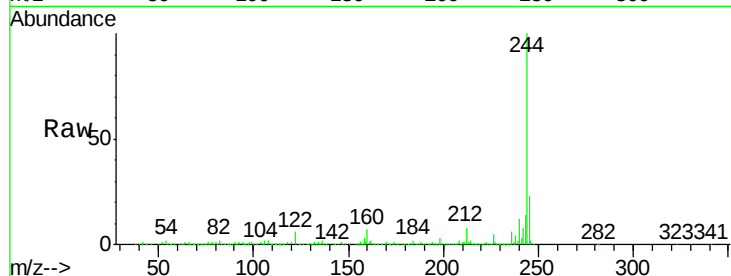
Tot Ion:244 Resp: 1852428

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	6.1	7.0	10.4

244 100

212 8.3 5.8 8.8

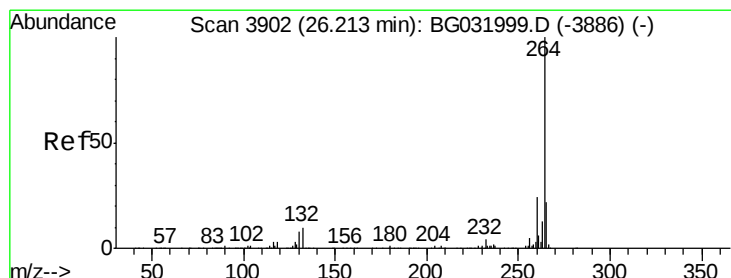
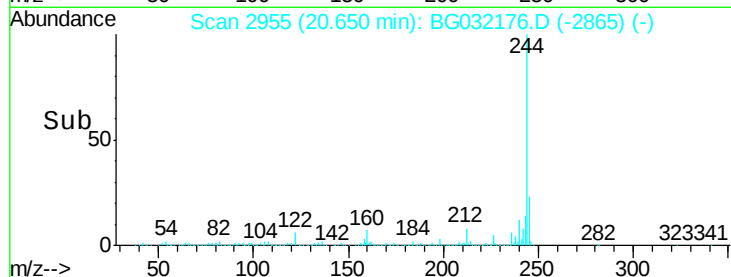
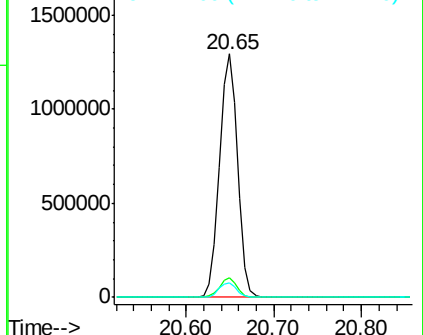
122 6.1 7.0 10.4



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: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

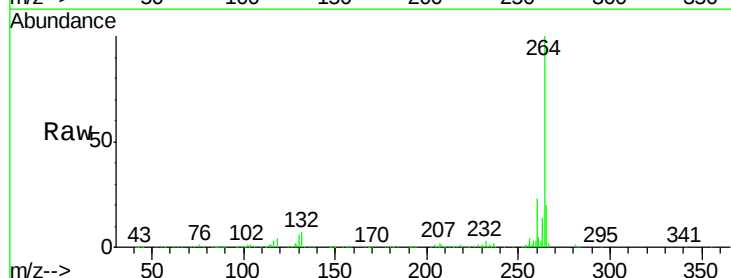
Tgt Ion:264 Resp: 435210

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.3	17.7	26.5

264 100

260 22.7 17.4 26.0

265 20.3 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

