

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031994.D
 Acq On : 11 Jan 2018 21:24
 Operator : SJ/JU
 Sample : J1082-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-4

Quant Time: Jan 12 05:34:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	45314	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	190689	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	142670	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	385144	20.00	ng	0.00
75) Chrysene-d12	22.48	240	455135	20.00	ng	0.00
86) Perylene-d12	26.20	264	458789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	176275	70.85	ng	0.00
7) Phenol-d6	7.88	99	142861	44.23	ng	0.00
23) Nitrobenzene-d5	9.98	82	294045	116.44	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	383430	176.13	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1102870	97.02	ng	0.00
78) Terphenyl-d14	20.67	244	2106768	105.75	ng	0.00

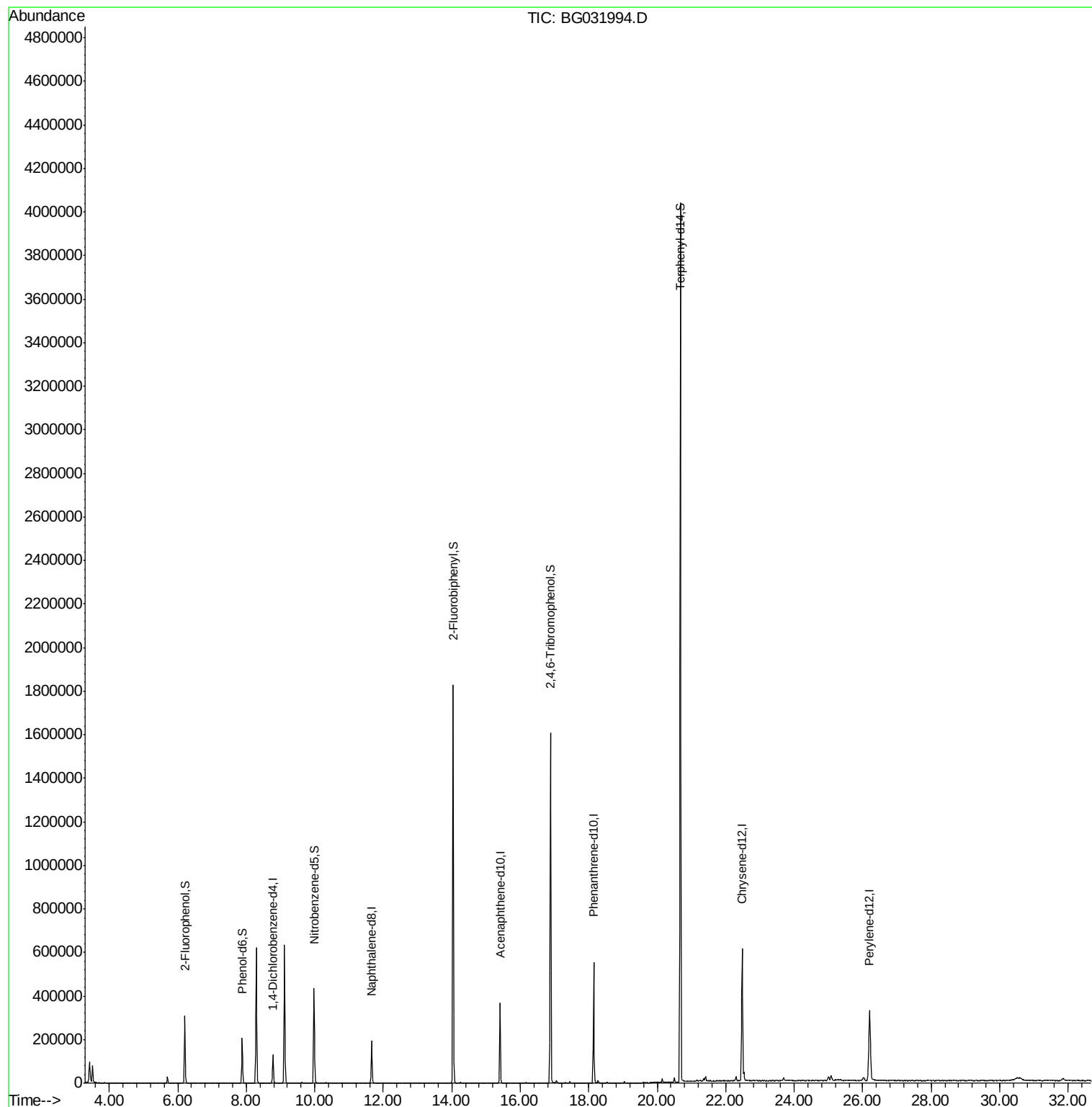
Target Compounds Qvalue

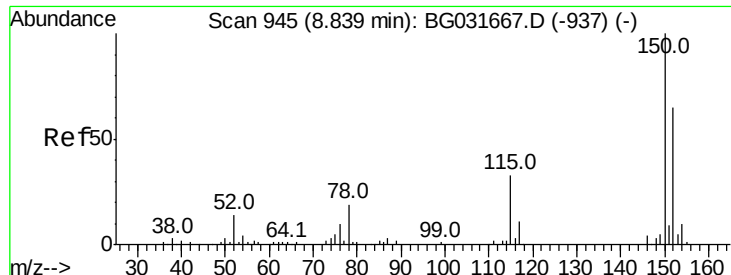
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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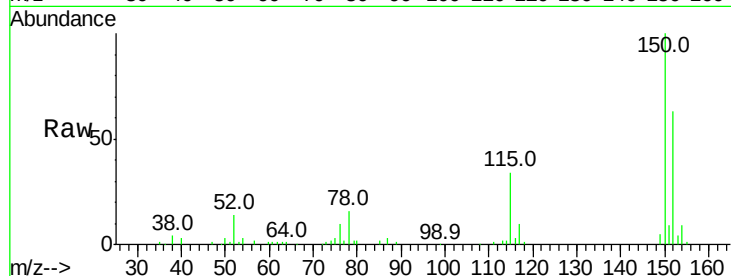


#1

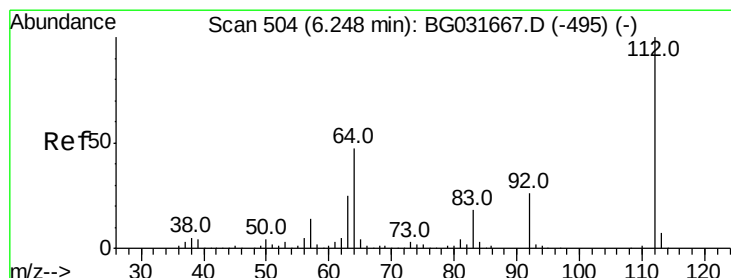
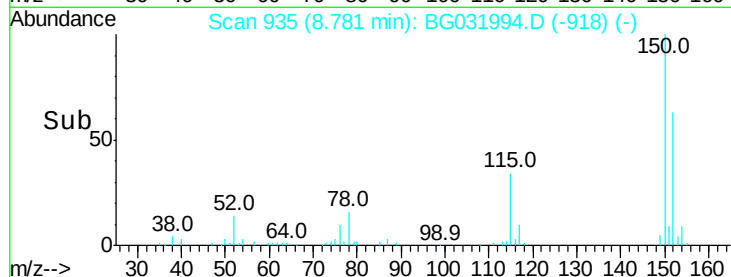
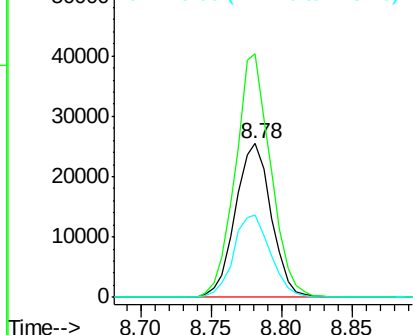
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031994.D
Acq: 11 Jan 2018 21:24

Instrument :
BNA_G
ClientSampleId :
FB-4

Tot Ion:152 Resp: 45314
Ion Ratio Lower Upper
152 100
150 158.7 126.6 189.8
115 53.5 53.0 79.4



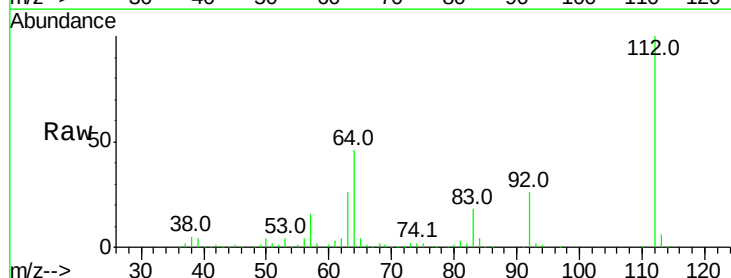
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



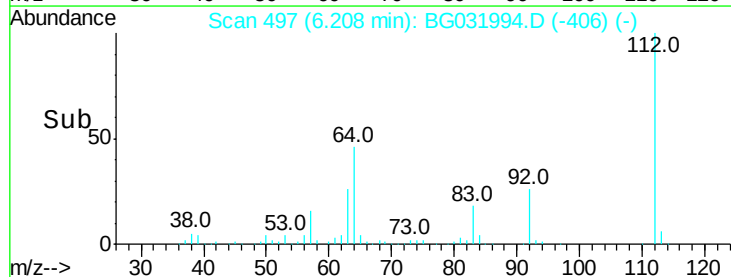
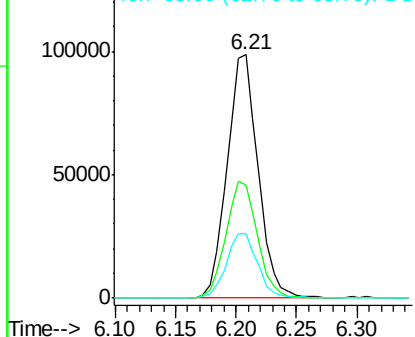
#5

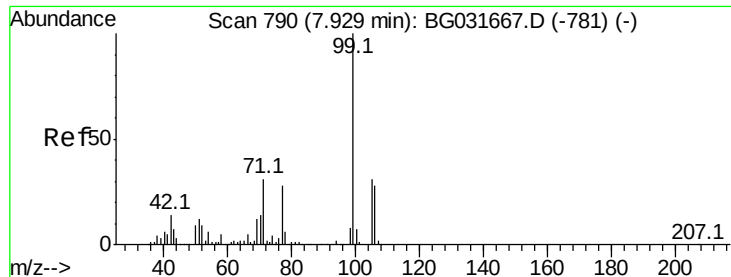
2-Fluorophenol
Concen: 70.853 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031994.D
Acq: 11 Jan 2018 21:24

Tgt Ion:112 Resp: 176275
Ion Ratio Lower Upper
112 100
64 46.4 56.3 84.5#
63 26.3 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: 44.228 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031994.D

Acq: 11 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

FB-4

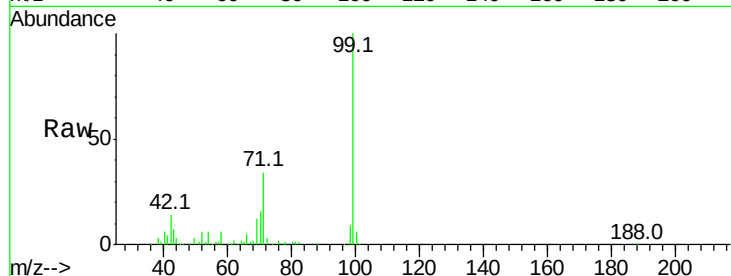
Tot Ion: 99 Resp: 142861

Ion Ratio Lower Upper

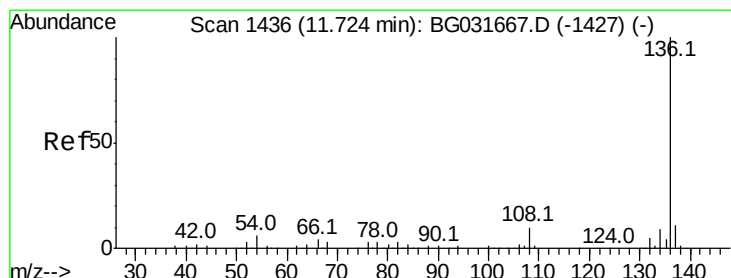
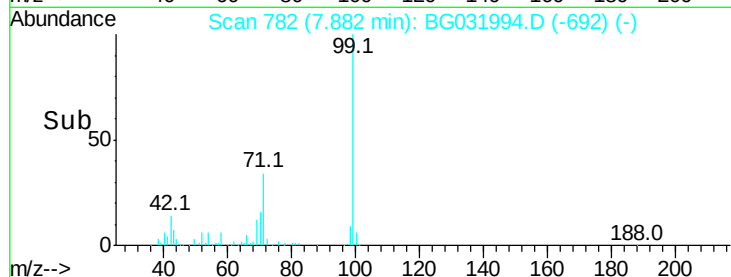
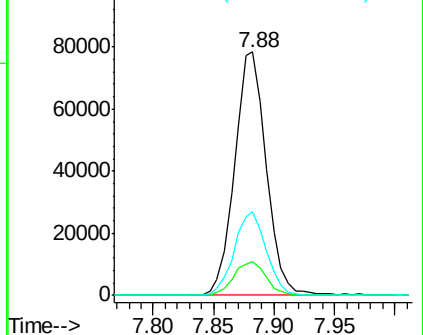
99 100

42 13.7 14.1 21.1#

71 34.2 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: 11.66 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BG031994.D

Acq: 11 Jan 2018 21:24

Tgt Ion: 136 Resp: 190689

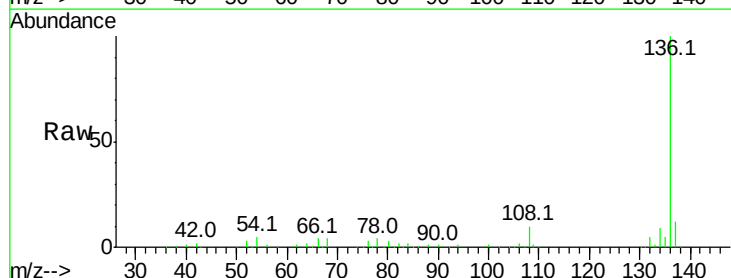
Ion Ratio Lower Upper

136 100

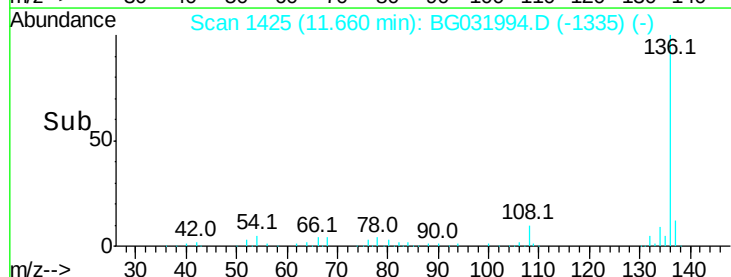
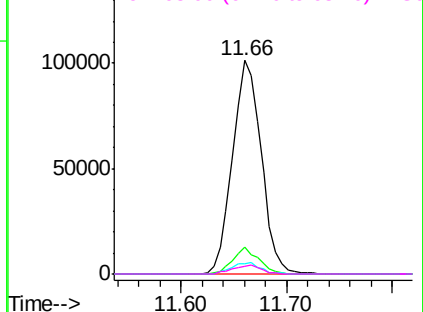
137 12.4 9.2 13.8

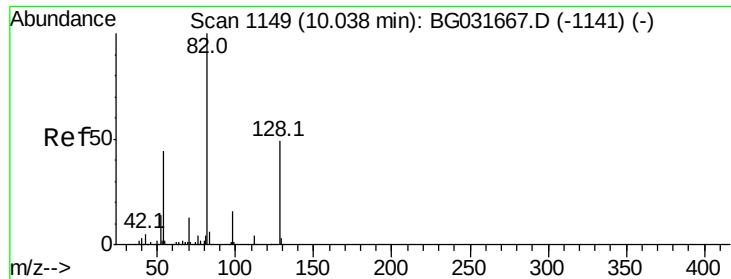
54 5.0 10.3 15.5#

68 3.6 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

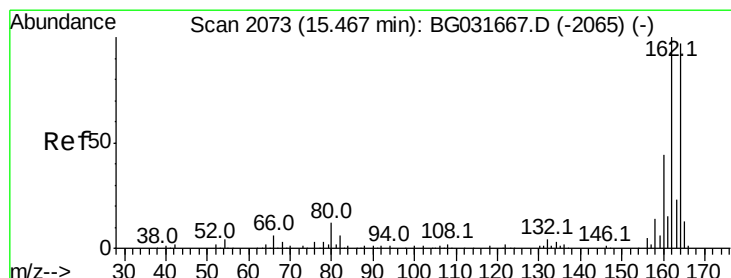
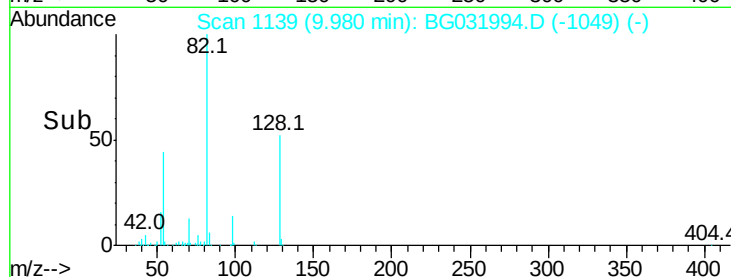
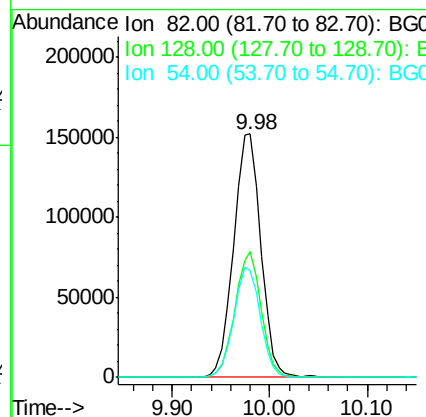
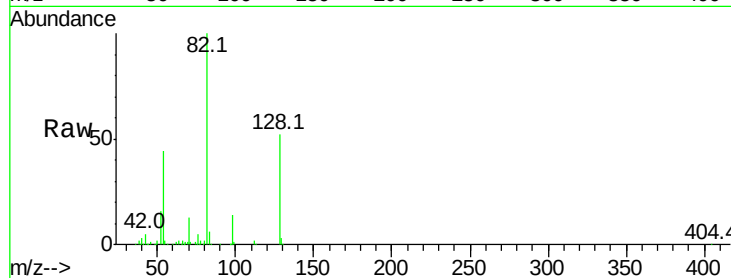




#23
 Nitrobenzene-d5
 Concen: 116.441 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031994.D
 Acq: 11 Jan 2018 21:24

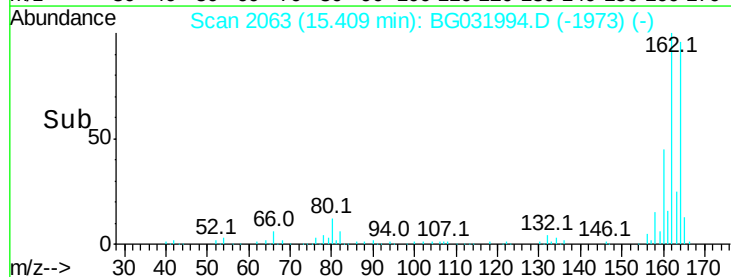
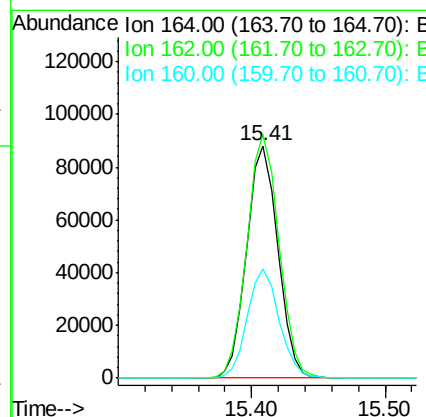
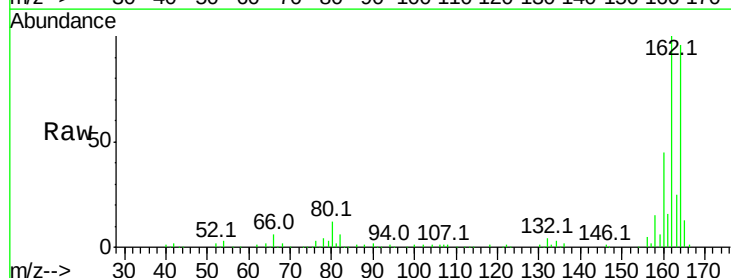
Instrument :
 BNA_G
 ClientSampled :
 FB-4

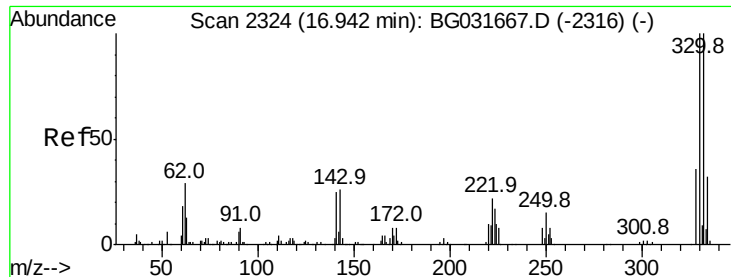
Tot Ion	82	Resp	294045
Ion	Ratio	Lower	Upper
82	100		
128	51.7	29.7	44.5#
54	43.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: BG031994.D
 Acq: 11 Jan 2018 21:24

Tgt Ion	164	Resp	142670
Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	46.7	35.4	53.0

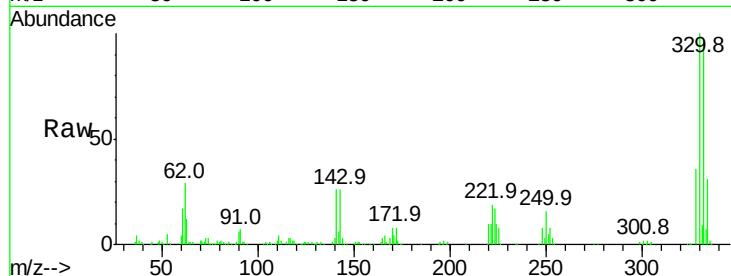




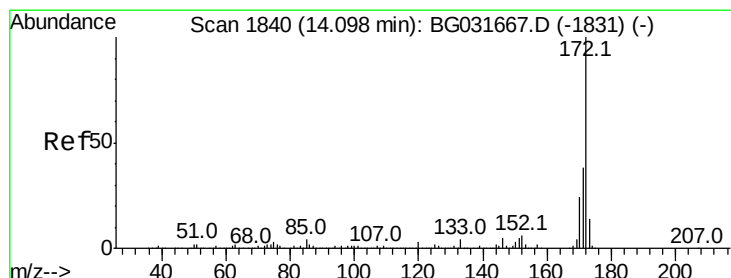
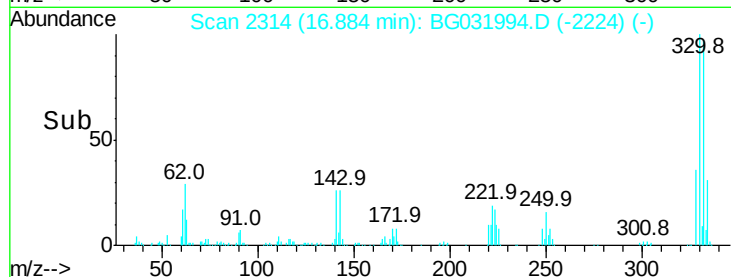
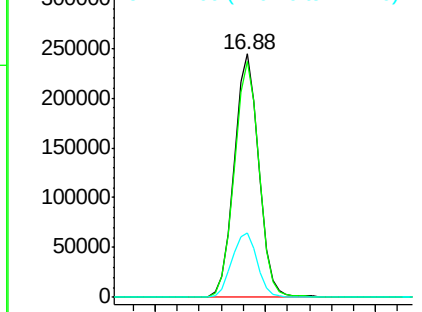
#41
 2,4,6-Tribromophenol
 Concen: 176.132 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG031994.D
 Acq: 11 Jan 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 FB-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	27.4	25.2	37.8

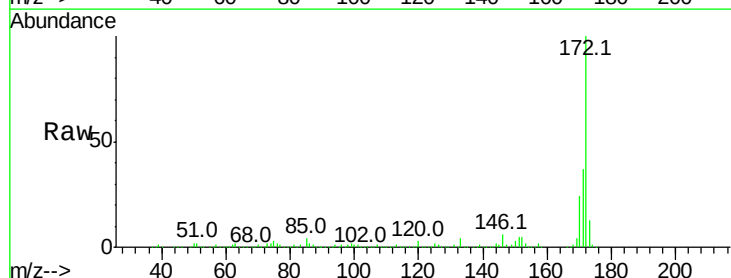


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

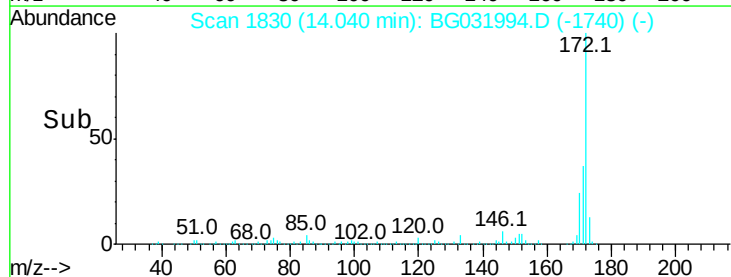
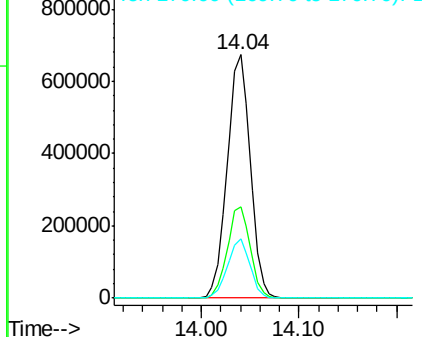


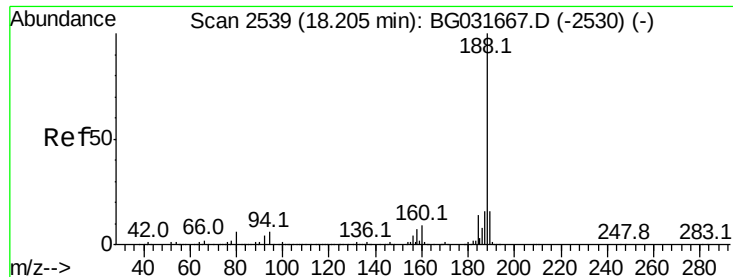
#44
 2-Fluorobiphenyl
 Concen: 97.025 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG031994.D
 Acq: 11 Jan 2018 21:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.2	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

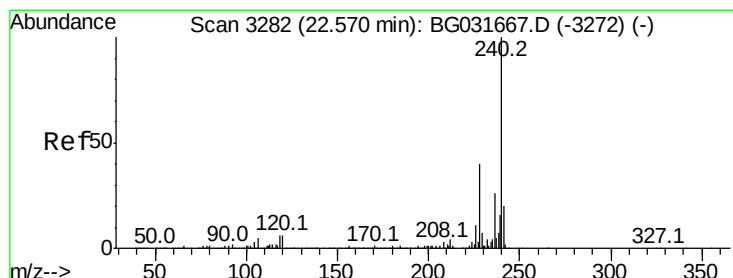
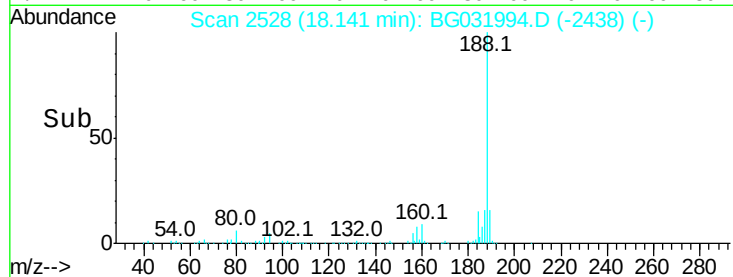
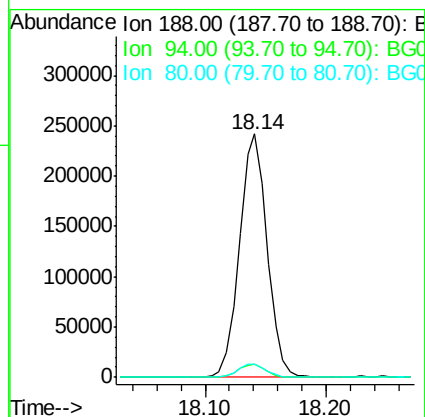
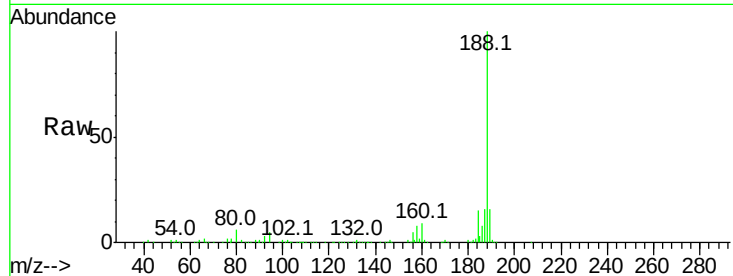




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031994.D
Acq: 11 Jan 2018 21:24

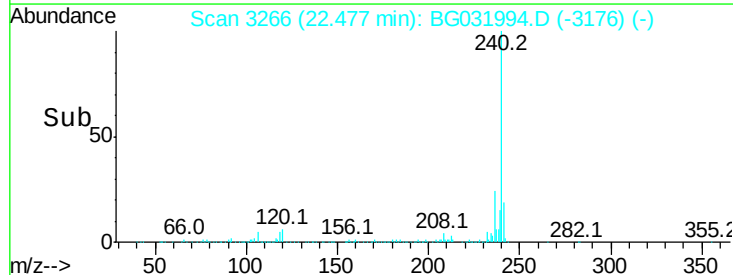
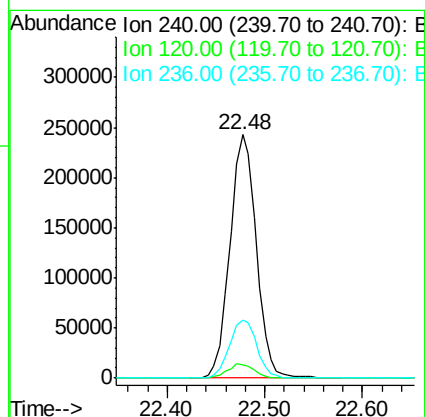
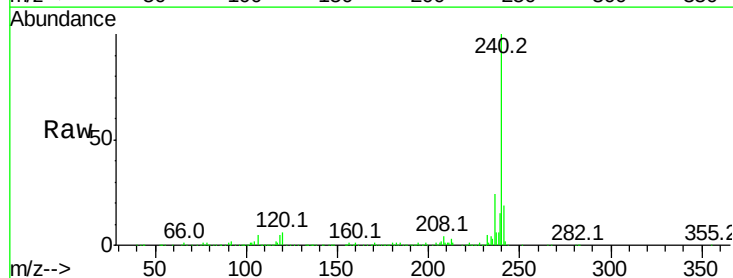
Instrument :
BNA_G
ClientSampleId :
FB-4

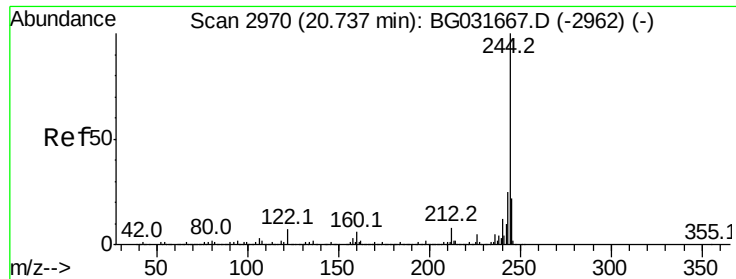
Tot Ion:188 Resp: 385144
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 5.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.00 min
Lab File: BG031994.D
Acq: 11 Jan 2018 21:24

Tgt Ion:240 Resp: 455135
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 24.0 20.9 31.3





#78

Terphenyl-d14

Concen: 105.754 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG031994.D

Acq: 11 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

FB-4

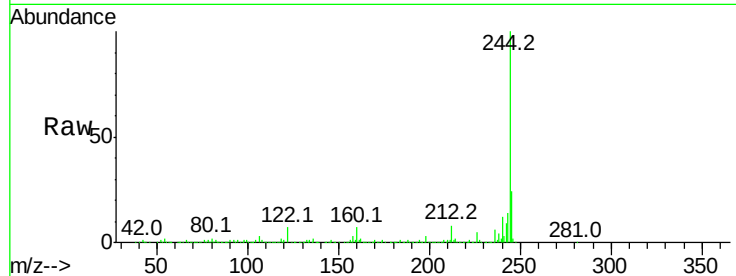
Tot Ion:244 Resp: 2106768

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.5	7.0	10.4

244 100

212 8.0 5.8 8.8

122 7.5 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

2000000

1500000

1000000

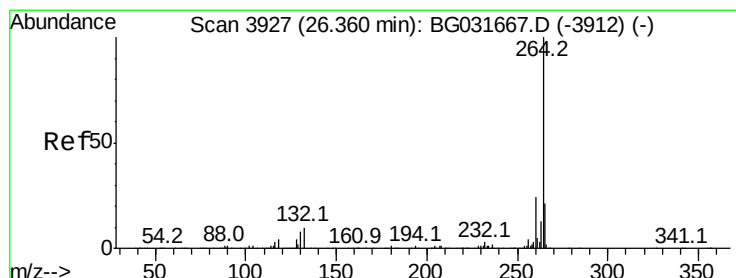
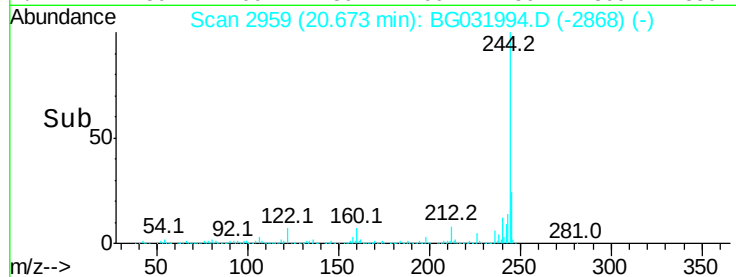
500000

0

20.67

20.60 20.70 20.80

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.20 min Scan# 3900

Delta R.T. -0.00 min

Lab File: BG031994.D

Acq: 11 Jan 2018 21:24

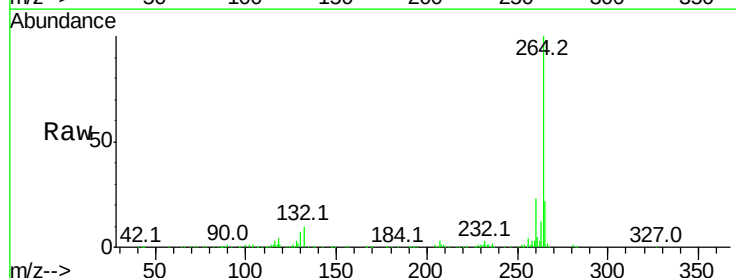
Tgt Ion:264 Resp: 458789

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.9	17.7	26.5

264 100

260 23.4 17.4 26.0

265 21.9 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

150000

100000

50000

0

26.20

26.10 26.20 26.30

Time-->

