

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033944.D
 Acq On : 24 Apr 2018 6:45
 Operator : SJ/JU
 Sample : J2499-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 278

Quant Time: Apr 24 08:17:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

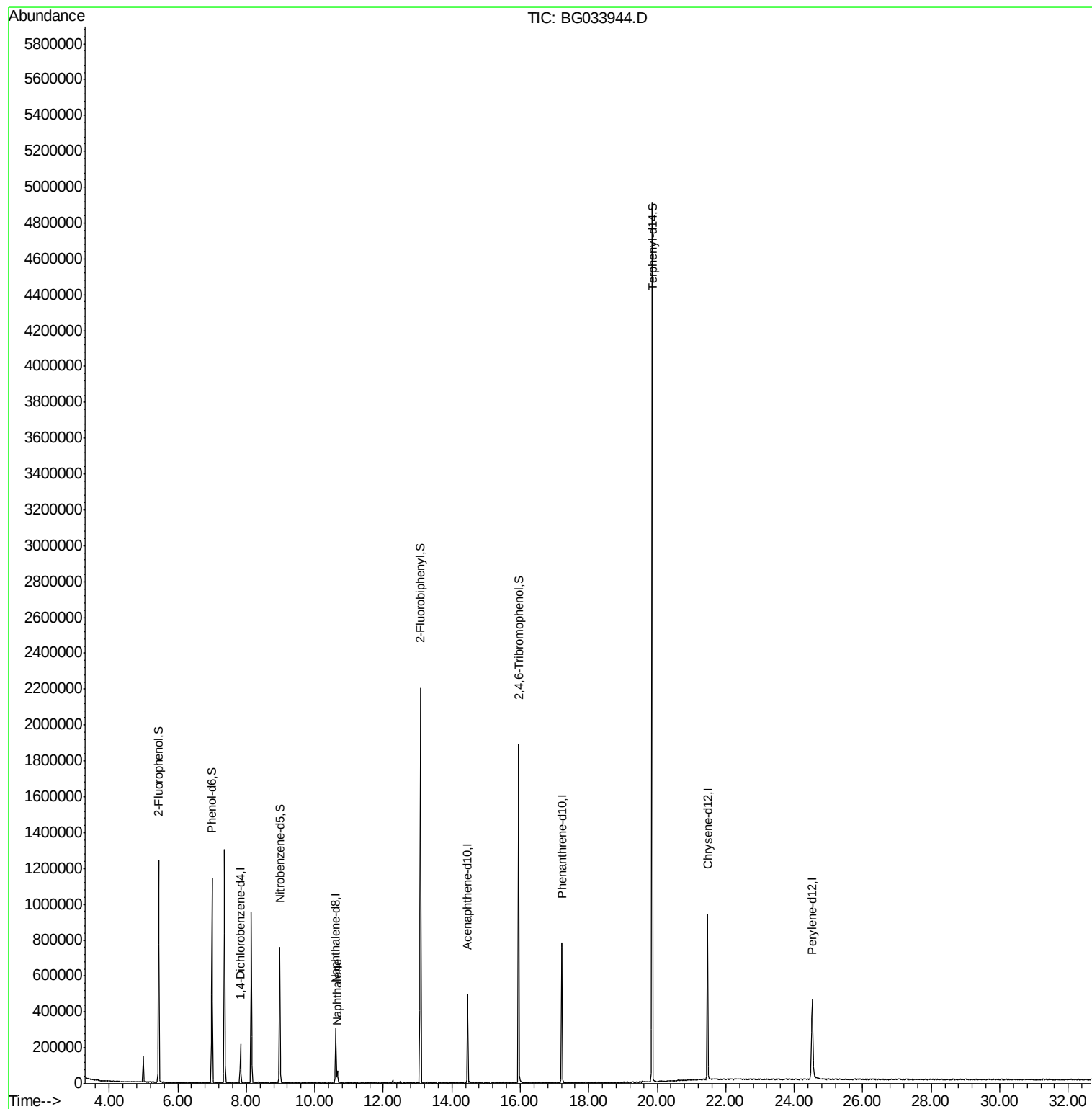
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	59579	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	260659	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	173255	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	495253	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	541345	20.00	ng	-0.03
86) Perylene-d12	24.52	264	529307	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	520877	139.58	ng	0.00
7) Phenol-d6	7.00	99	646590	118.79	ng	0.00
23) Nitrobenzene-d5	8.97	82	458664	100.14	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	327660	162.10	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1141093	96.75	ng	-0.02
78) Terphenyl-d14	19.85	244	2246840	93.25	ng	-0.01
Target Compounds						
31) Naphthalene	10.66	128	56378	4.206	ng	Qvalue 96

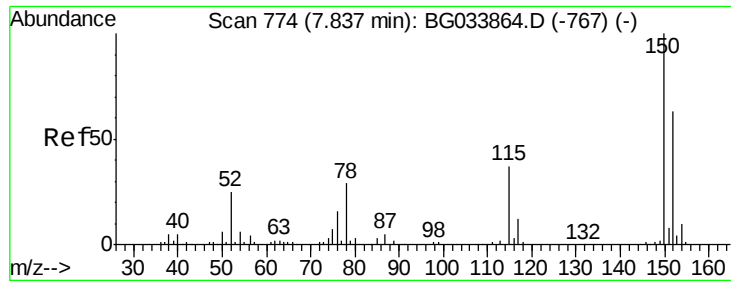
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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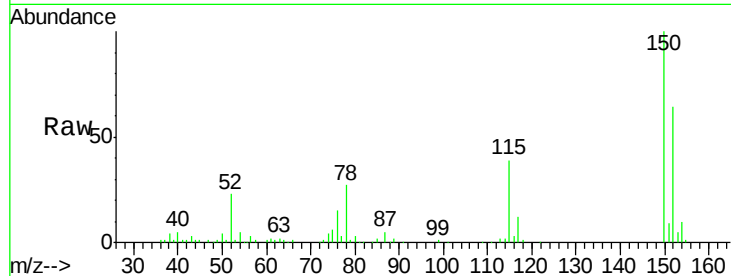


#1

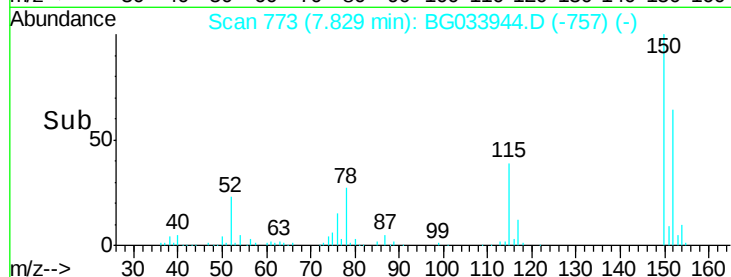
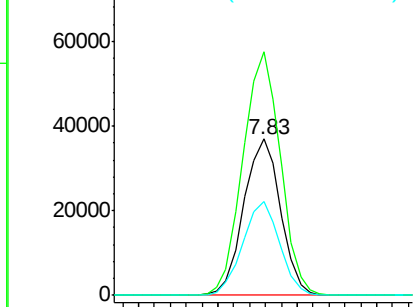
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033944.D
Acq: 24 Apr 2018 6:45

Instrument :
BNA_G
ClientSampleId :
278

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.6	189.8
115	60.1	53.0	79.4



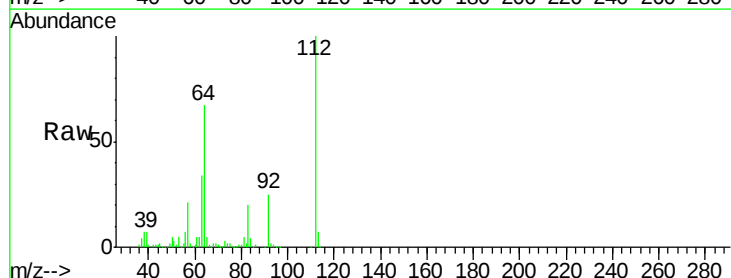
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



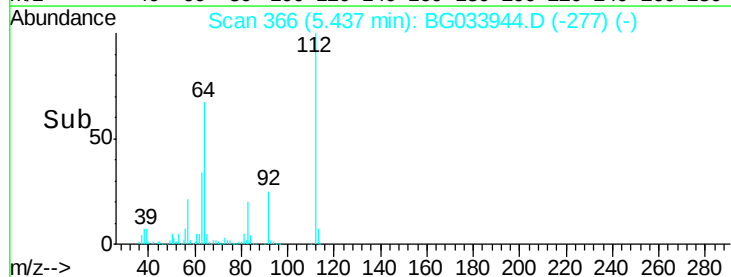
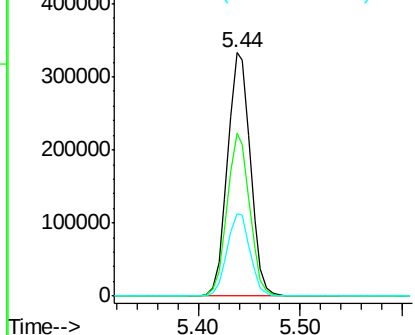
#5

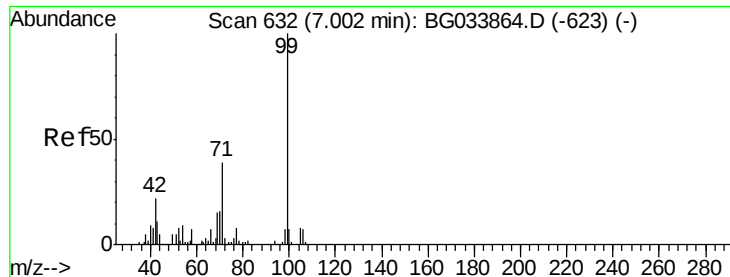
2-Fluorophenol
Concen: 139.579 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033944.D
Acq: 24 Apr 2018 6:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	56.3	84.5
63	34.1	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: 118.793 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033944.D

Acq: 24 Apr 2018 6:45

Instrument :

BNA_G

ClientSampleId :

278

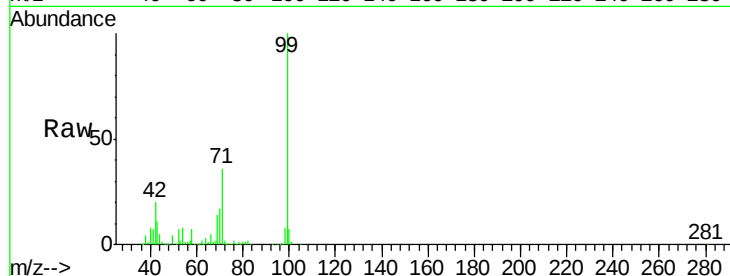
Tot Ion: 99 Resp: 646590

Ion Ratio Lower Upper

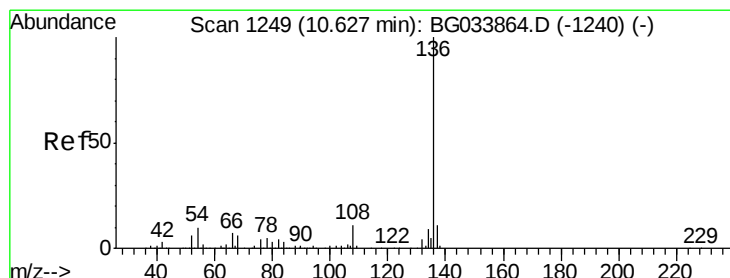
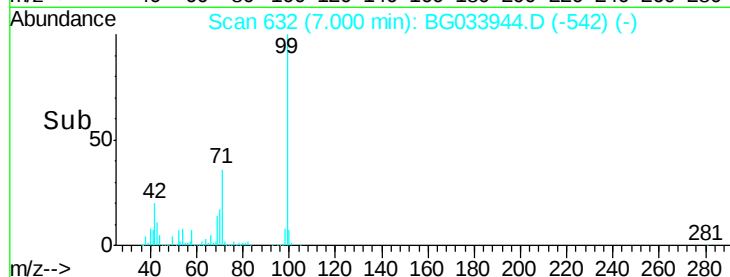
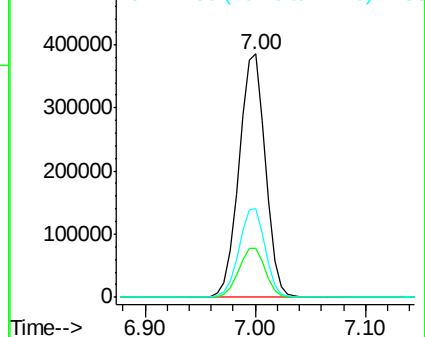
99 100

42 20.2 14.1 21.1

71 36.2 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033944.D

Acq: 24 Apr 2018 6:45

Tgt Ion: 136 Resp: 260659

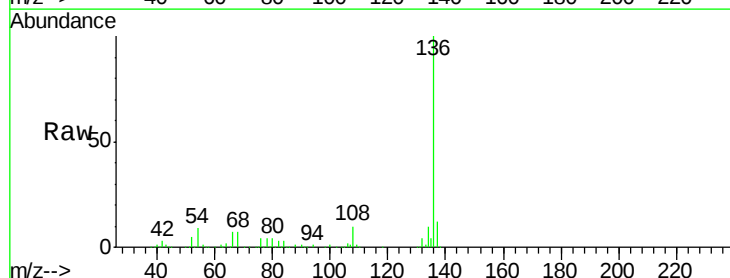
Ion Ratio Lower Upper

136 100

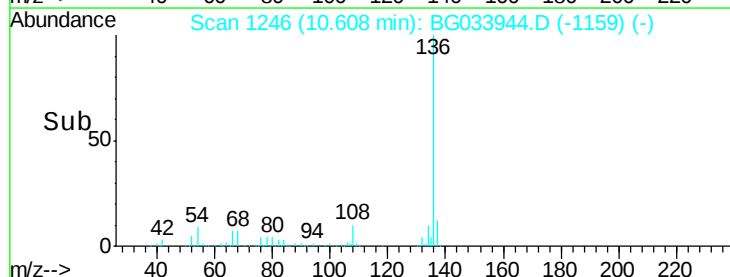
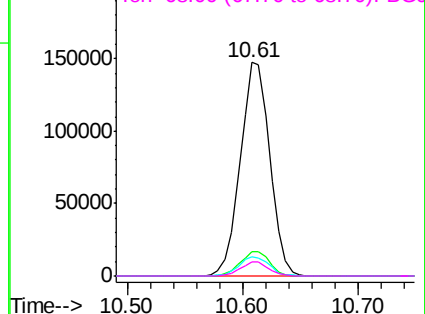
137 11.7 9.2 13.8

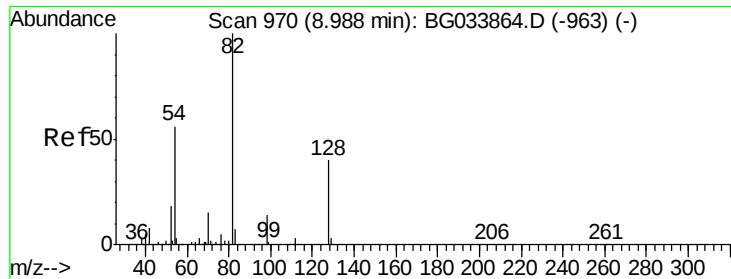
54 9.1 10.3 15.5#

68 6.6 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

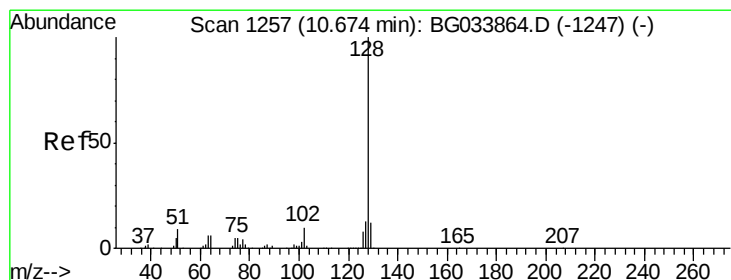
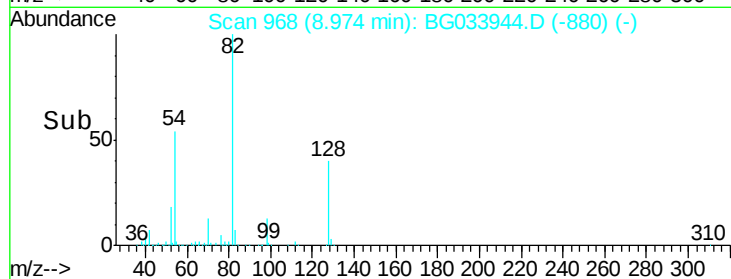
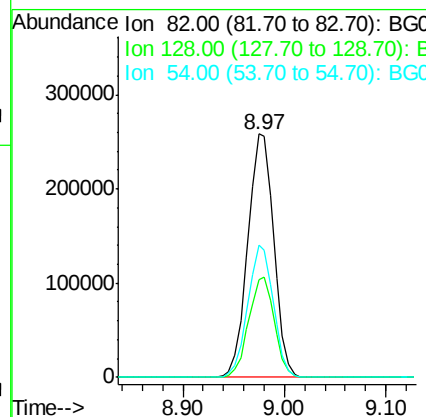
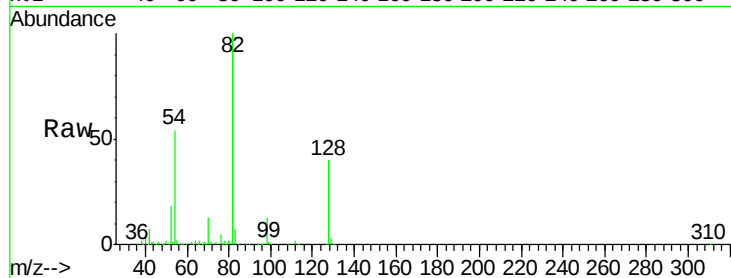




#23
Nitrobenzene-d5
Concen: 100.140 ng
RT: 8.97 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033944.D
Acq: 24 Apr 2018 6:45

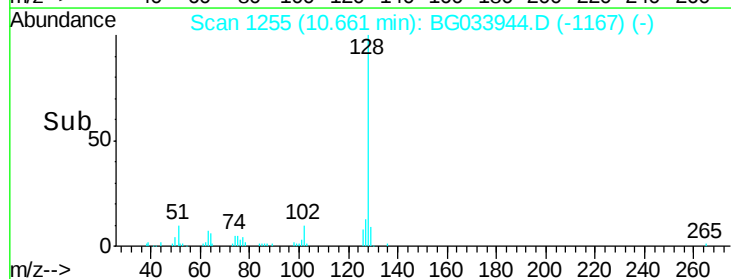
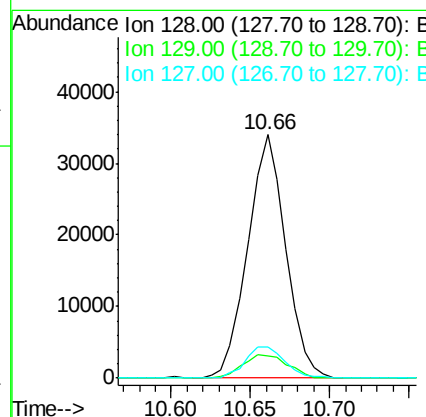
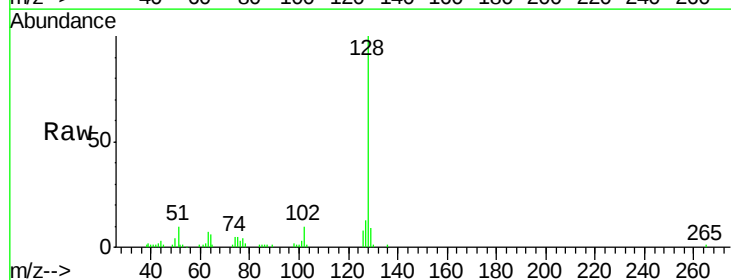
Instrument :
BNA_G
ClientSampleId :
278

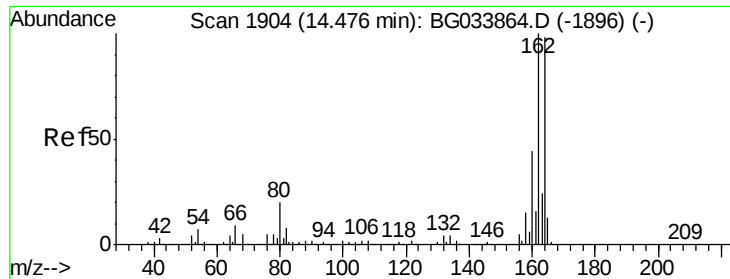
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.7	44.5
54	54.4	43.1	64.7



#31
Naphthalene
Concen: 4.206 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033944.D
Acq: 24 Apr 2018 6:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.6	12.8
127	12.9	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033944.D

Acq: 24 Apr 2018 6:45

Instrument :

BNA_G

ClientSampled :

278

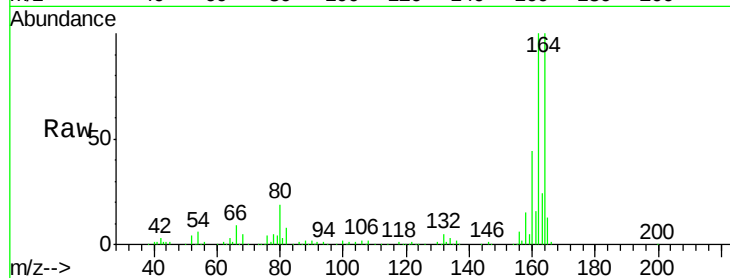
Tot Ion:164 Resp: 173255

Ion Ratio Lower Upper

164 100

162 99.8 78.8 118.2

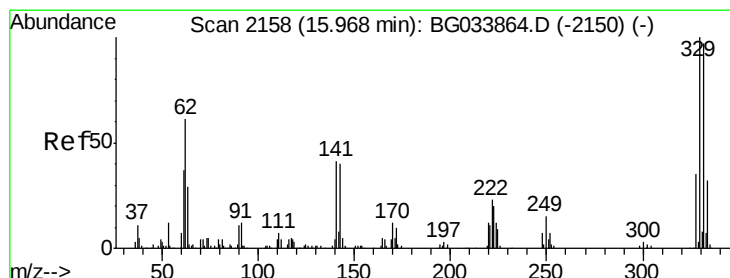
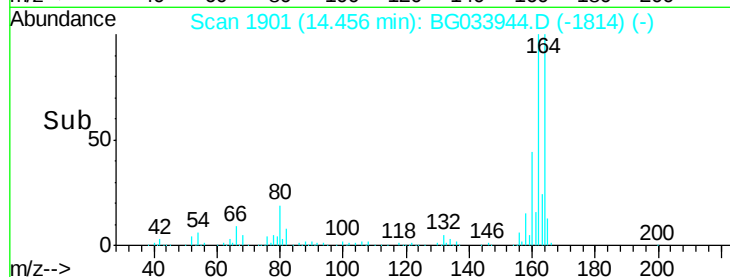
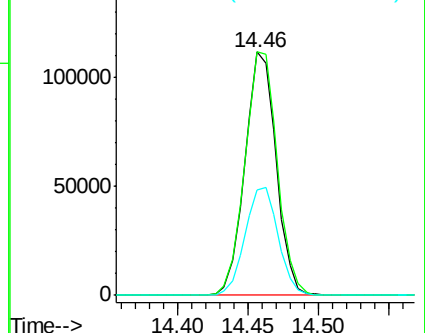
160 43.5 35.4 53.0



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: 162.104 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033944.D

Acq: 24 Apr 2018 6:45

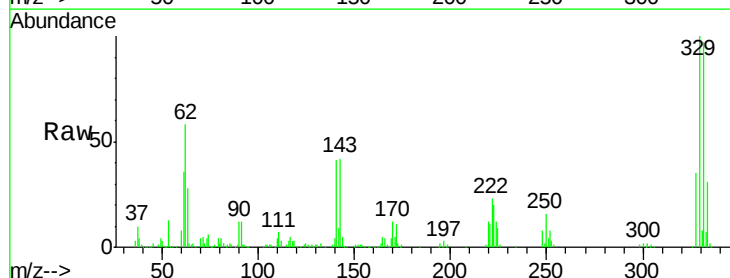
Tgt Ion:330 Resp: 327660

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

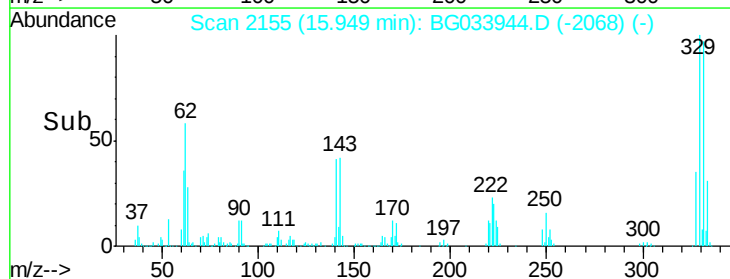
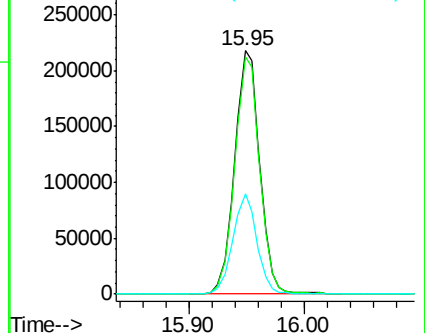
141 39.6 25.2 37.8#

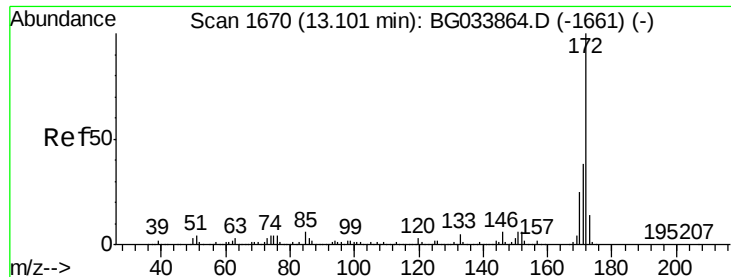


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



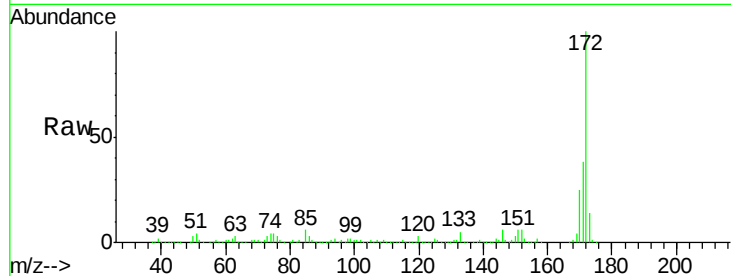


#44
 2-Fluorobiphenyl
 Concen: 96.753 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033944.D
 Acq: 24 Apr 2018 6:45

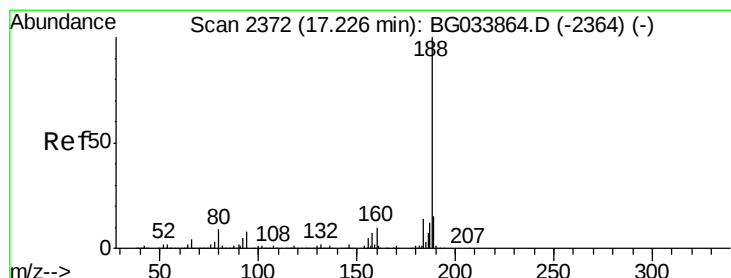
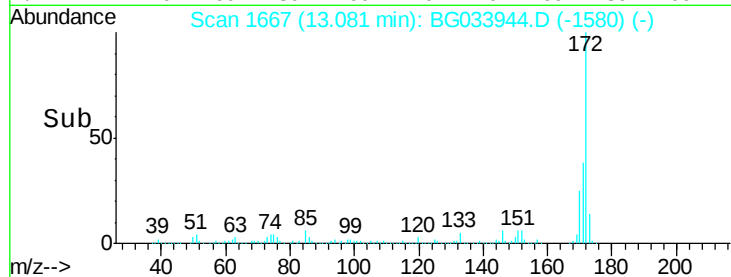
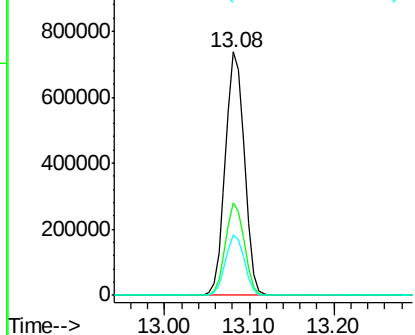
Instrument :
 BNA_G
 ClientSampleId :
 278

Tot Ion:172 Resp: 1141093

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.0	19.5	29.3



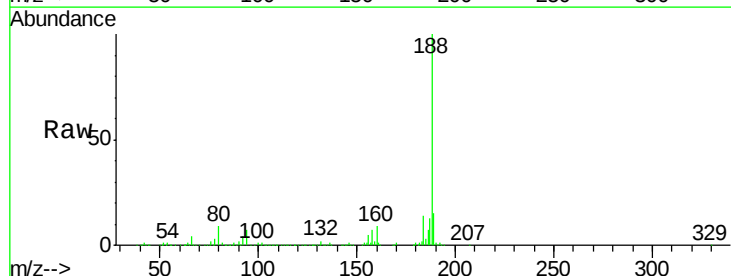
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



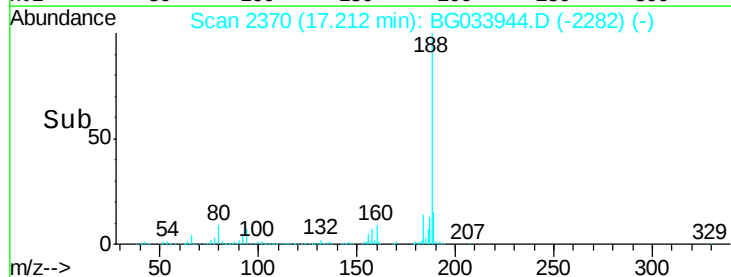
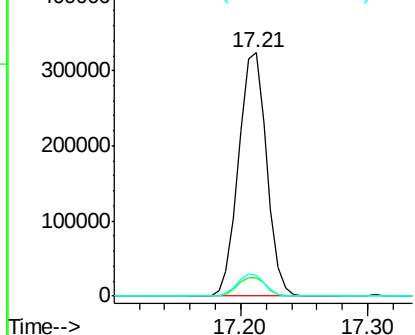
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG033944.D
 Acq: 24 Apr 2018 6:45

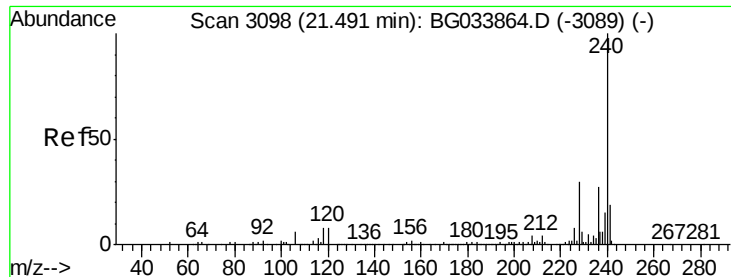
Tgt Ion:188 Resp: 495253

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.8	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BG033944.D

Acq: 24 Apr 2018 6:45

Instrument :

BNA_G

ClientSampleId :

278

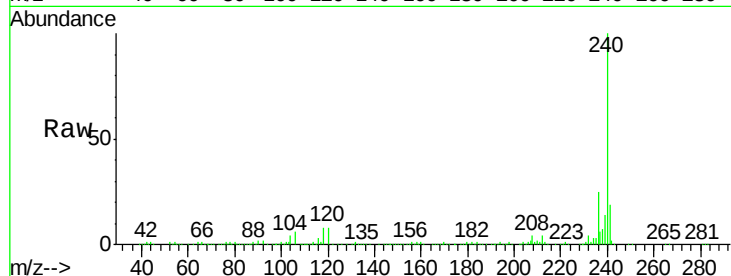
Tot Ion:240 Resp: 541345

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

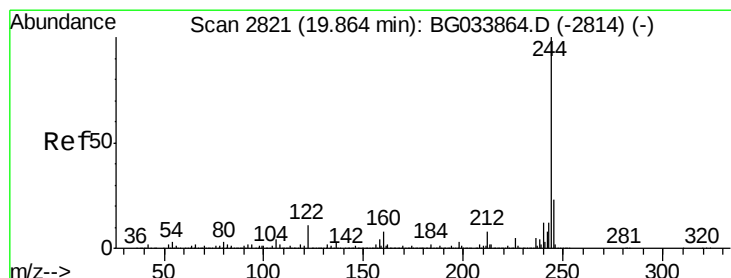
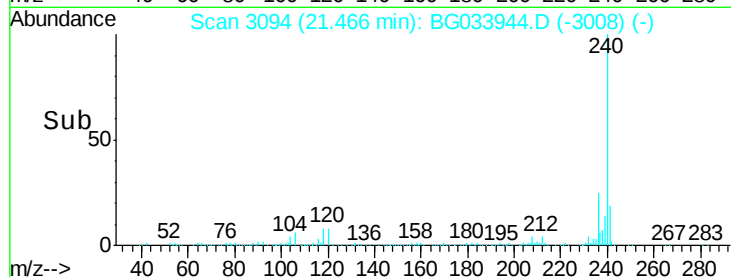
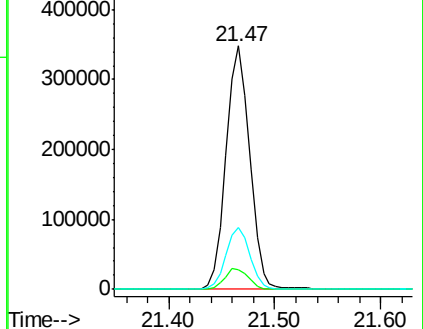
236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 93.245 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033944.D

Acq: 24 Apr 2018 6:45

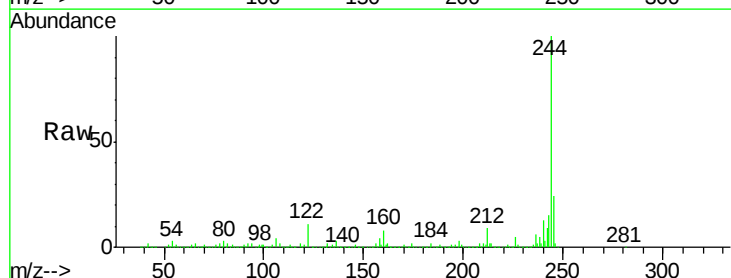
Tgt Ion:244 Resp: 2246840

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

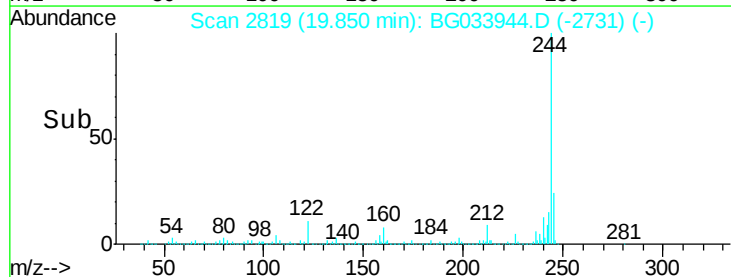
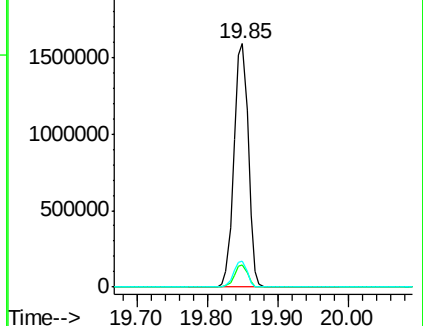
122 10.7 7.0 10.4#

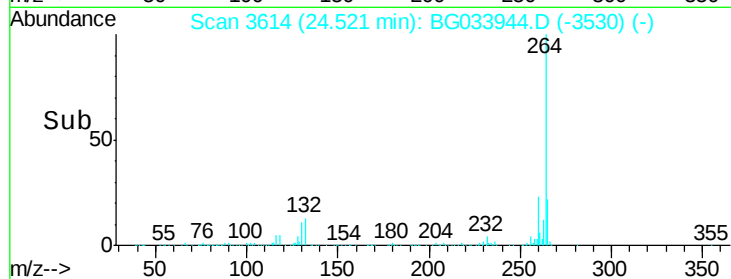
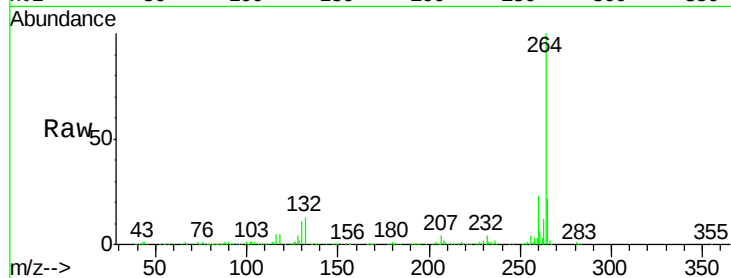
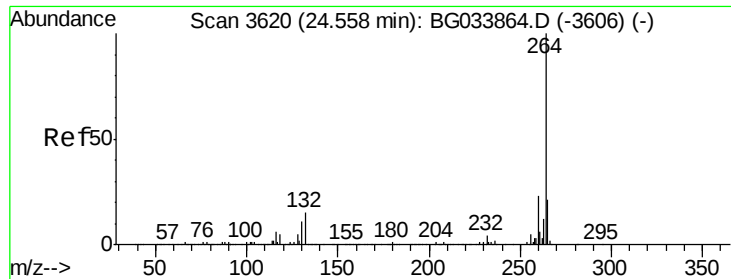


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033944.D
Acq: 24 Apr 2018 6:45

Instrument :
BNA_G
ClientSampleId :
278

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.2	17.7	26.5

