

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033973.D
 Acq On : 25 Apr 2018 4:20
 Operator : SJ/JU
 Sample : J2151-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-042318-D

Quant Time: Apr 25 11:59:44 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

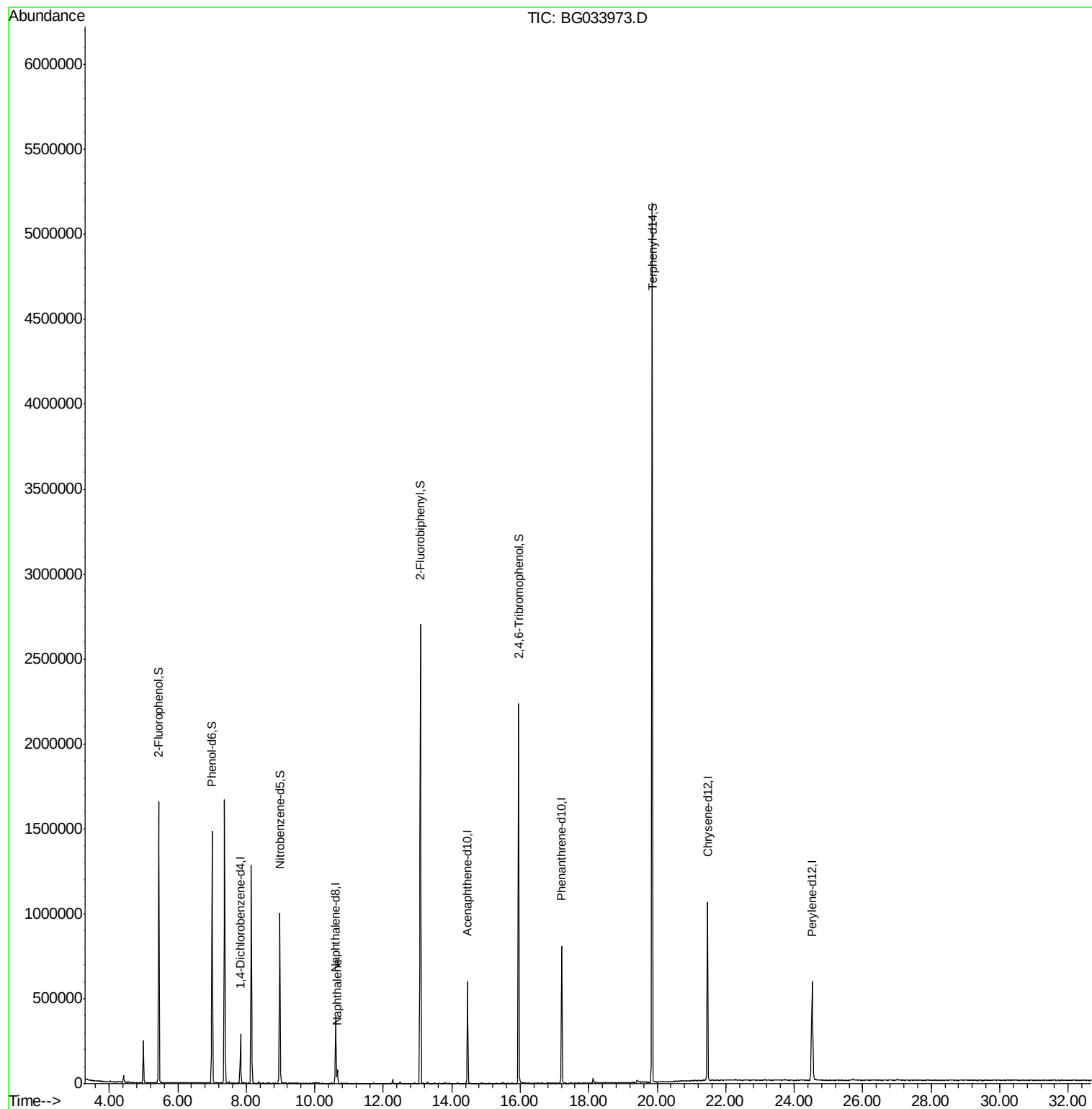
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	81090	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	332999	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	207800	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	516283	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	610948	20.00	ng	-0.02
86) Perylene-d12	24.52	264	623883	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	685847	135.03	ng	0.00
7) Phenol-d6	7.00	99	811024	109.48	ng	0.00
23) Nitrobenzene-d5	8.98	82	596055	101.87	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	407130	167.94	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1392359	98.43	ng	-0.02
78) Terphenyl-d14	19.84	244	2459338	90.44	ng	-0.02
Target Compounds						
31) Naphthalene	10.66	128	67734	3.955	ng	Qvalue 95

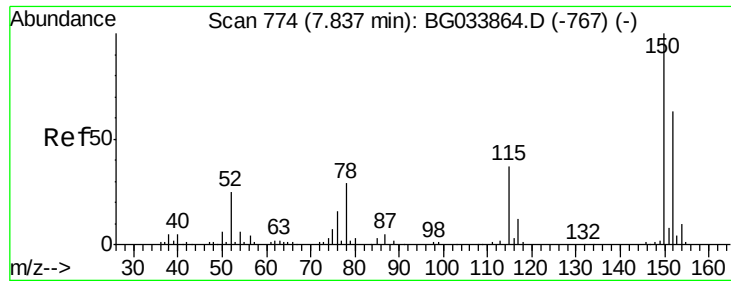
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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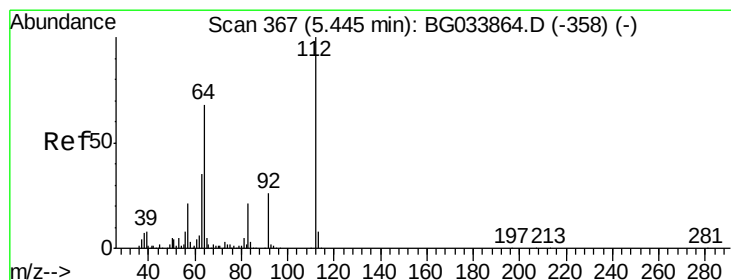
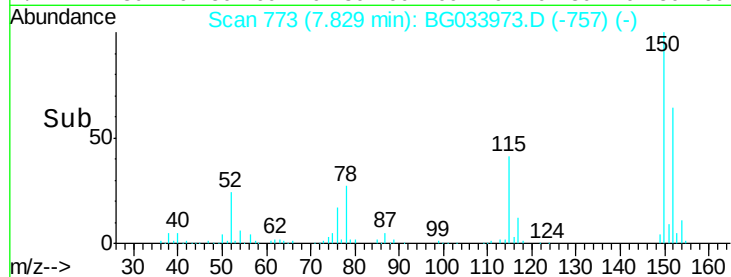
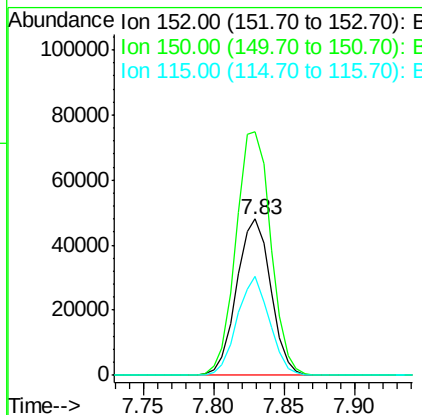
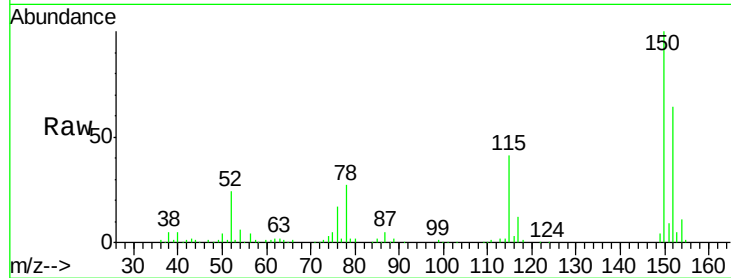


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033973.D
Acq: 25 Apr 2018 4:20

Instrument :
BNA_G
ClientSampleId :
AU-05-042318-D

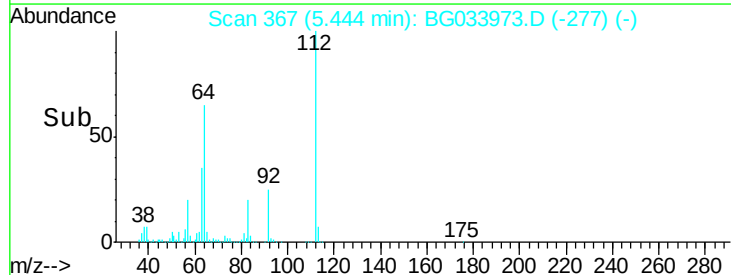
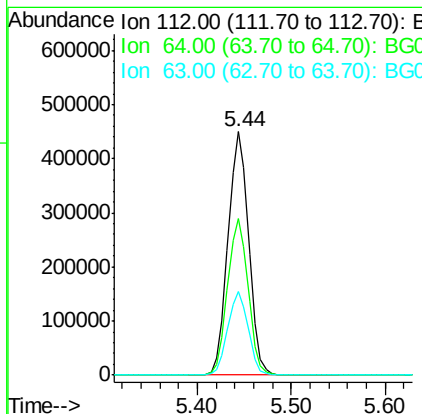
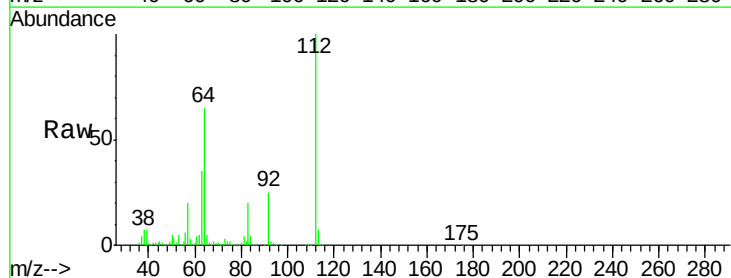
Tot Ion:152 Resp: 81090
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 63.5 53.0 79.4

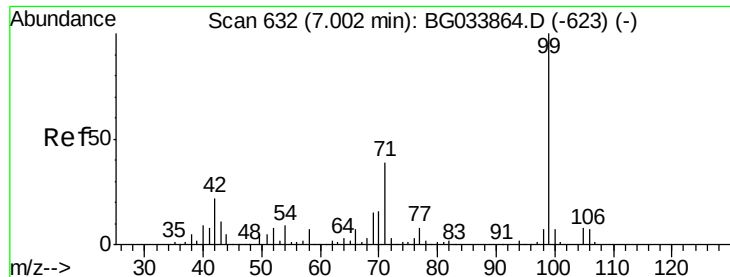


#5

2-Fluorophenol
Concen: 135.032 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033973.D
Acq: 25 Apr 2018 4:20

Tgt Ion:112 Resp: 685847
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 34.5 30.1 45.1





#7

Phenol-d6

Concen: 109.476 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033973.D

Acq: 25 Apr 2018 4:20

Instrument :

BNA_G

ClientSampleId :

AU-05-042318-D

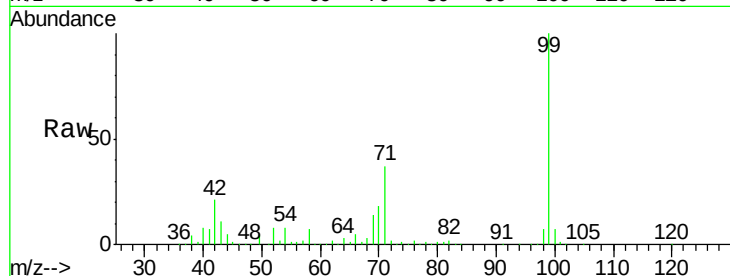
Tot Ion: 99 Resp: 811024

Ion Ratio Lower Upper

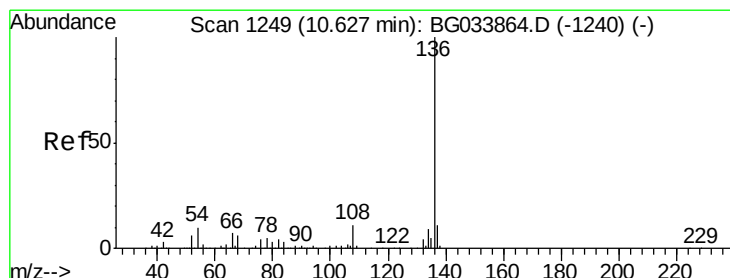
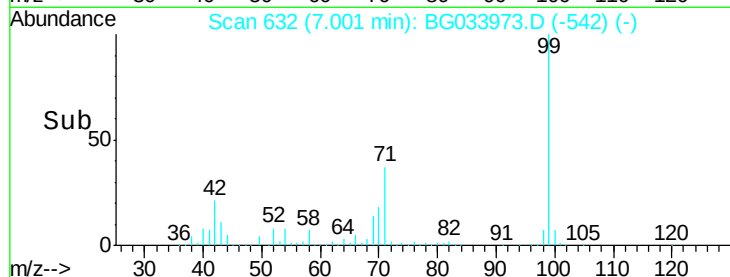
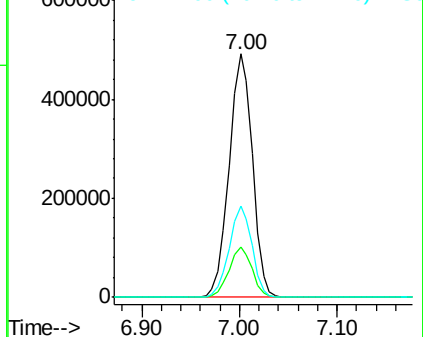
99 100

42 20.9 14.1 21.1

71 37.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033973.D

Acq: 25 Apr 2018 4:20

Tgt Ion: 136 Resp: 332999

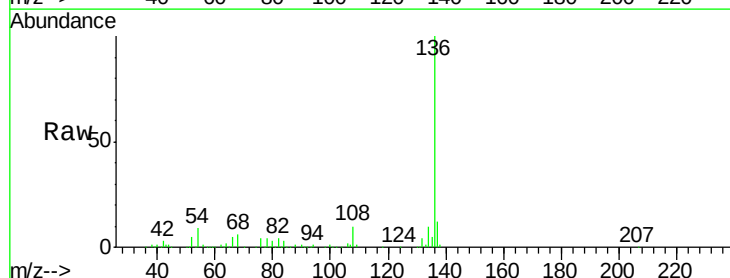
Ion Ratio Lower Upper

136 100

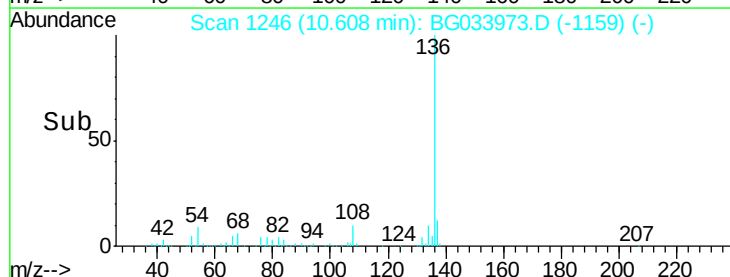
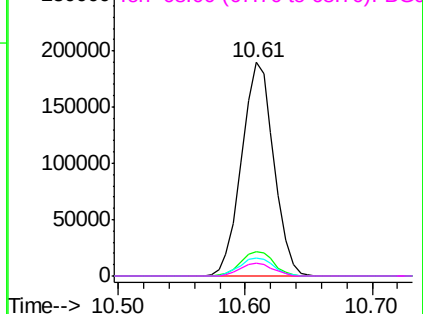
137 11.6 9.2 13.8

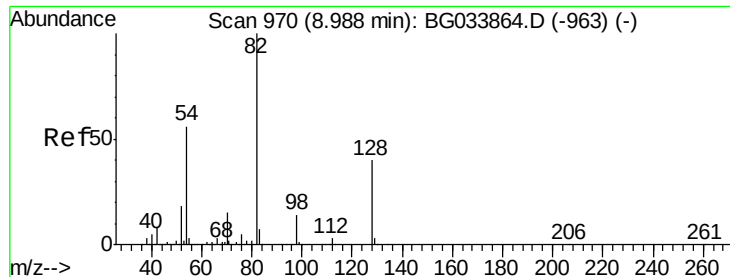
54 8.7 10.3 15.5#

68 6.0 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

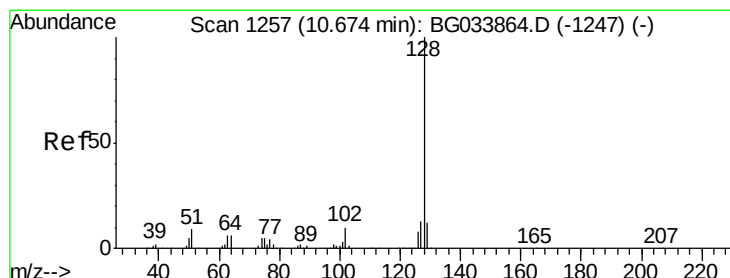
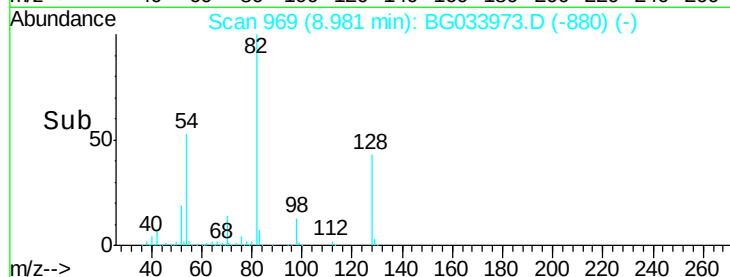
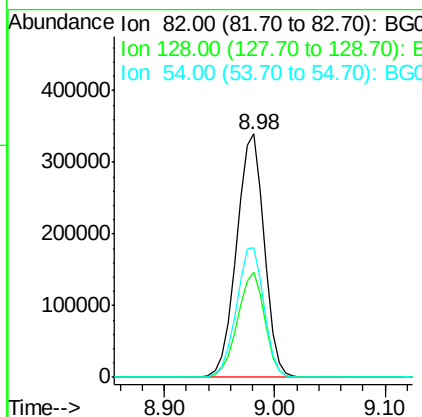
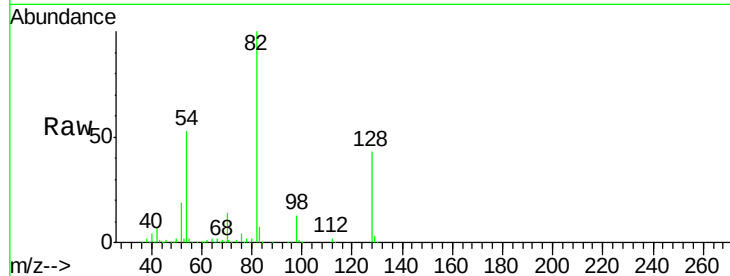




#23
 Nitrobenzene-d5
 Concen: 101.866 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033973.D
 Acq: 25 Apr 2018 4:20

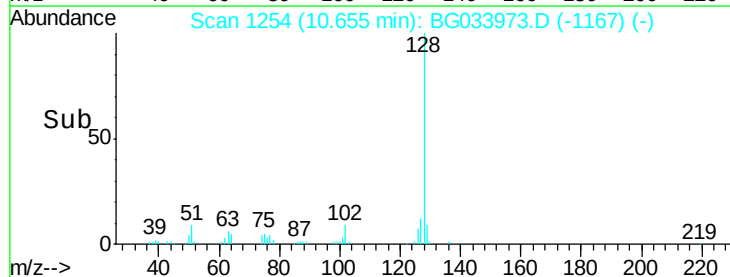
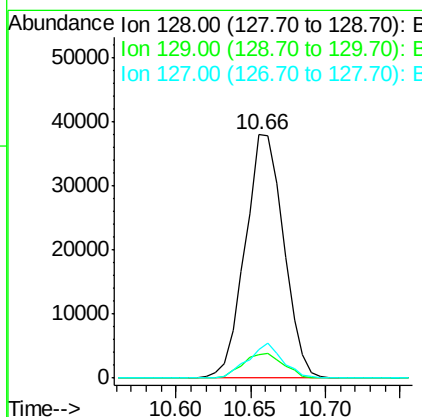
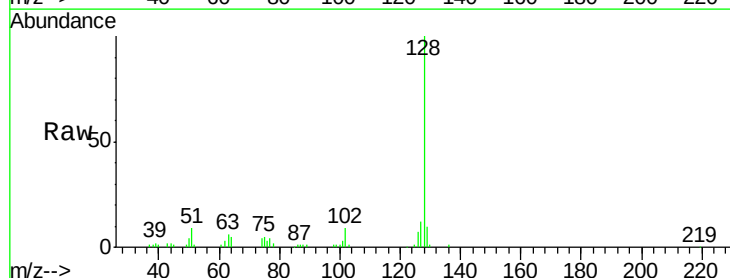
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-042318-D

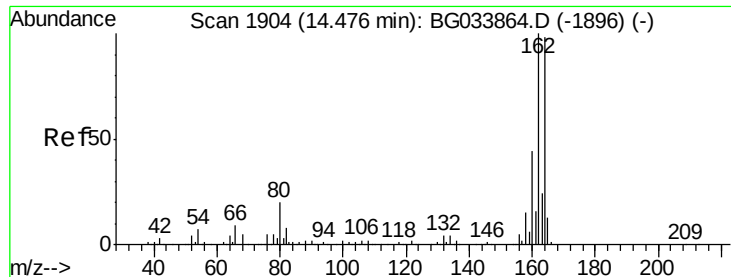
Tot Ion	82	Resp	596055
Ion Ratio	Lower	Upper	
82	100		
128	43.3	29.7	44.5
54	53.4	43.1	64.7



#31
 Naphthalene
 Concen: 3.955 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BG033973.D
 Acq: 25 Apr 2018 4:20

Tgt Ion	128	Resp	67734
Ion Ratio	Lower	Upper	
128	100		
129	9.6	8.6	12.8
127	11.9	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: BG033973.D

Acq: 25 Apr 2018 4:20

Instrument :

BNA_G

ClientSampleId :

AU-05-042318-D

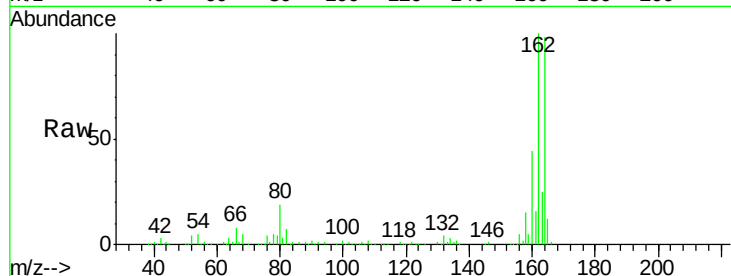
Tot Ion:164 Resp: 207800

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

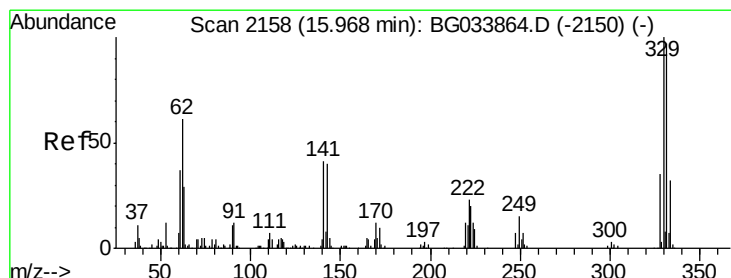
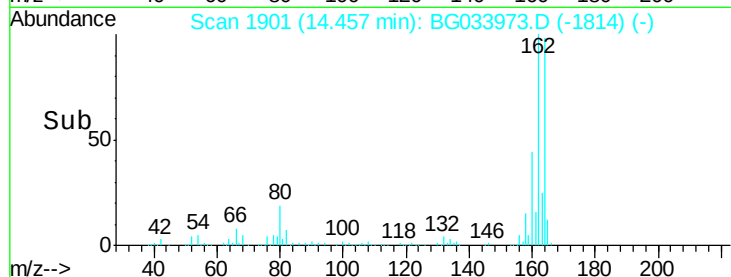
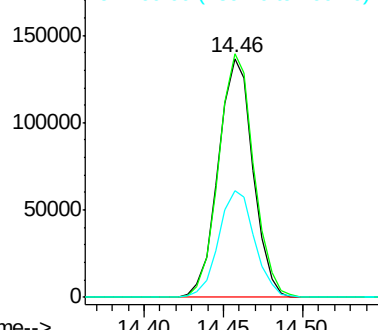
160 44.7 35.4 53.0



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: 167.936 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033973.D

Acq: 25 Apr 2018 4:20

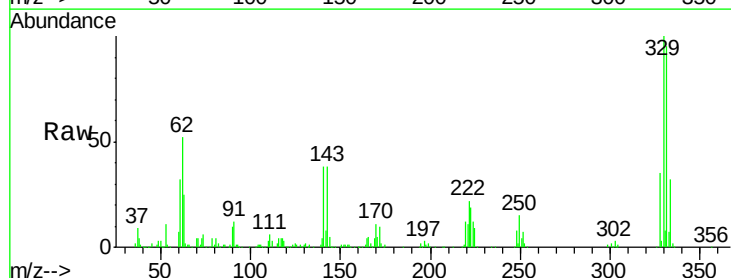
Tgt Ion:330 Resp: 407130

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

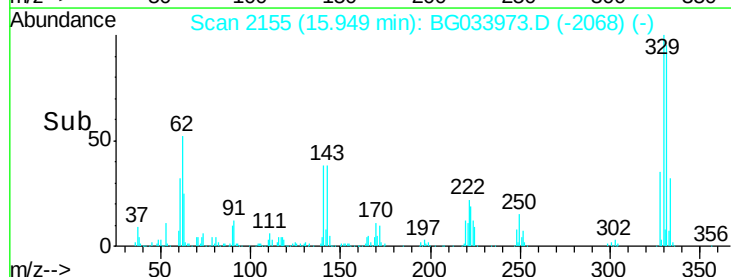
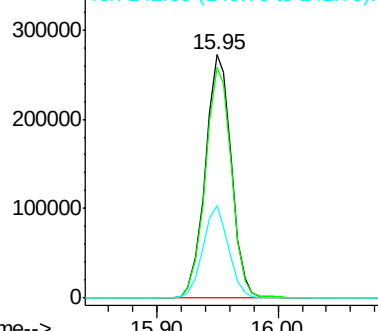
141 37.6 25.2 37.8

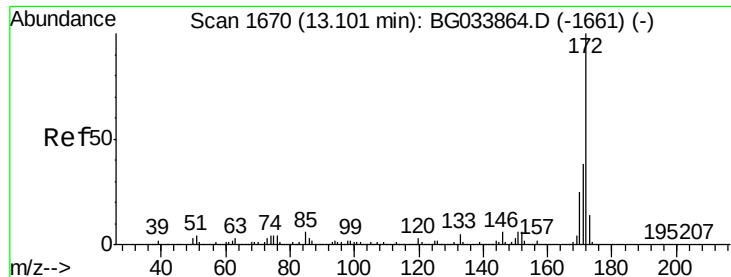


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

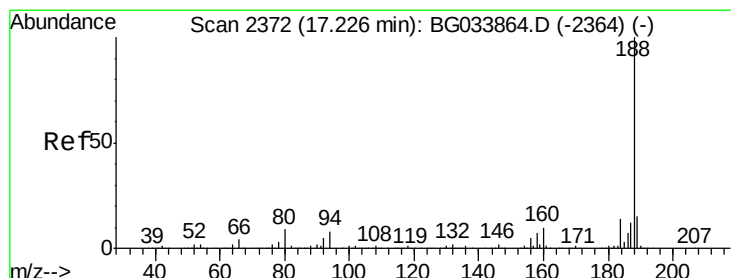
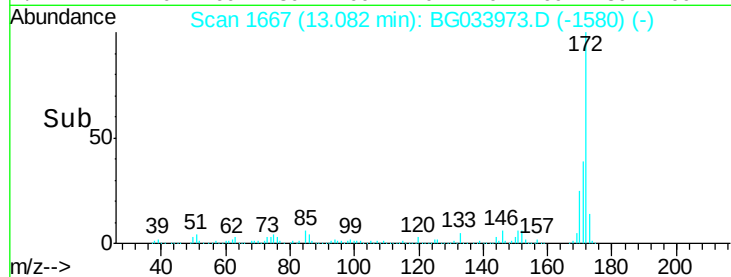
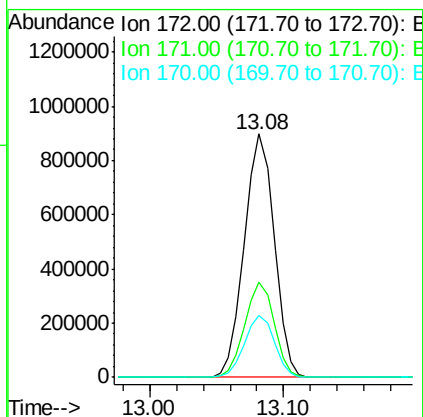
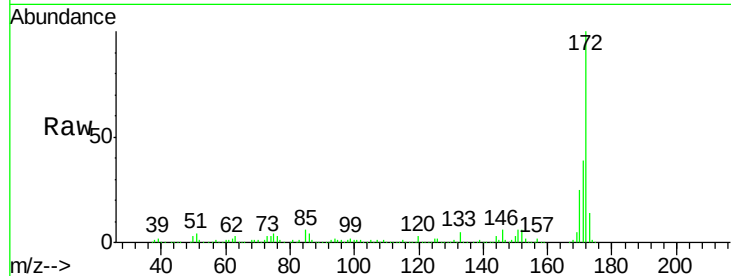




#44
2-Fluorobiphenyl
Concen: 98.432 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033973.D
Acq: 25 Apr 2018 4:20

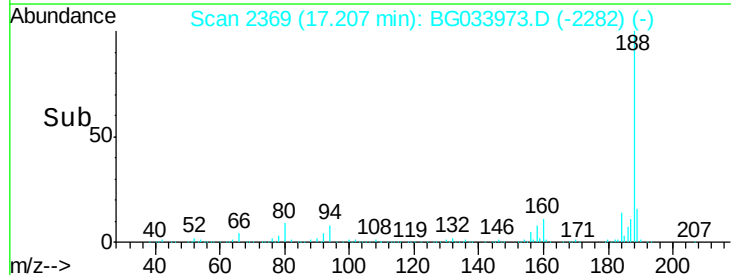
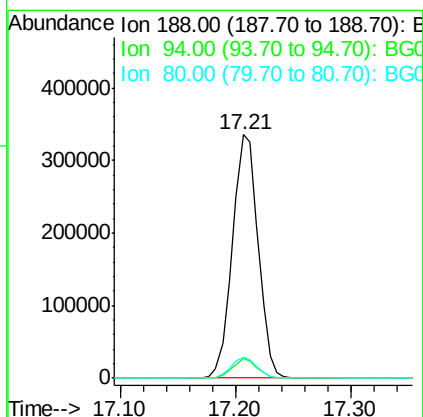
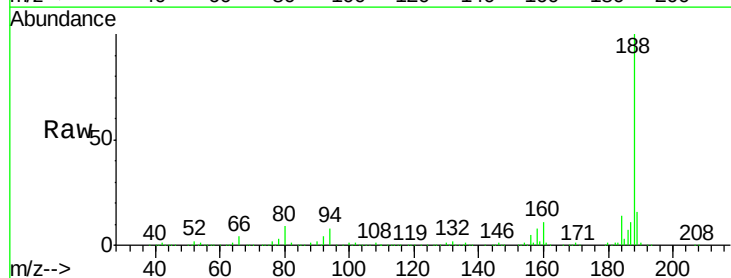
Instrument :
BNA_G
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AU-05-042318-D

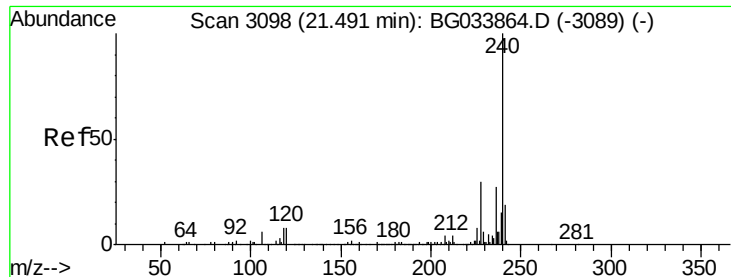
Tot Ion:172 Resp: 1392359
Ion Ratio Lower Upper
172 100
171 39.1 30.0 45.0
170 25.2 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033973.D
Acq: 25 Apr 2018 4:20

Tgt Ion:188 Resp: 516283
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.8 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033973.D

Acq: 25 Apr 2018 4:20

Instrument :

BNA_G

ClientSampleId :

AU-05-042318-D

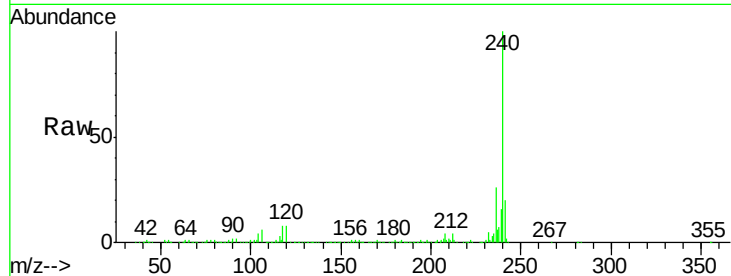
Tot Ion:240 Resp: 610948

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

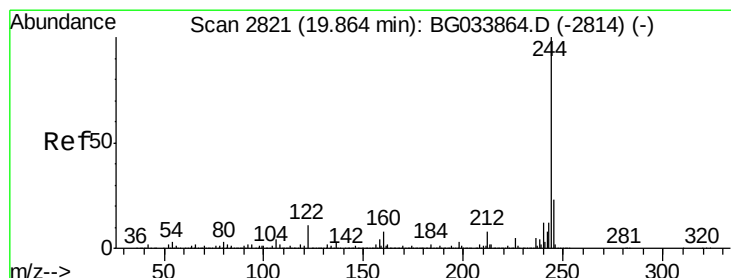
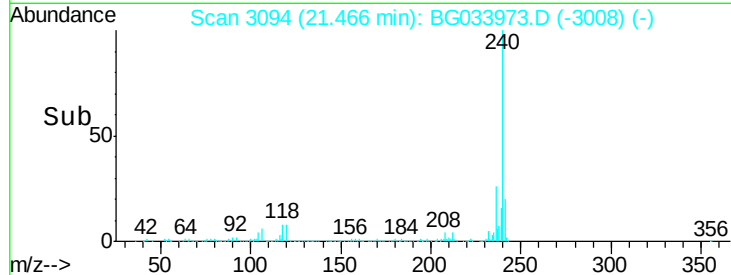
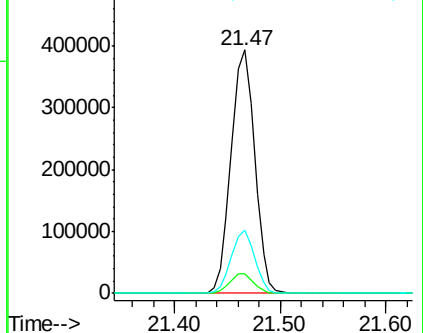
236 25.9 20.9 31.3



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: 90.436 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033973.D

Acq: 25 Apr 2018 4:20

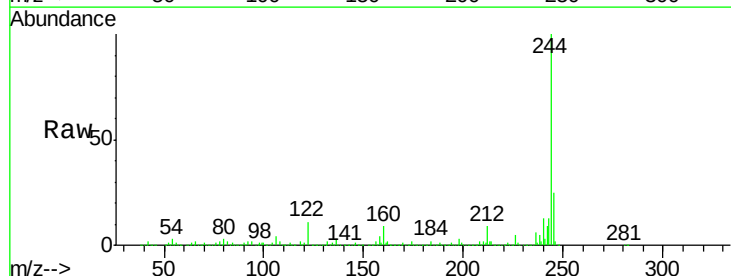
Tgt Ion:244 Resp: 2459338

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

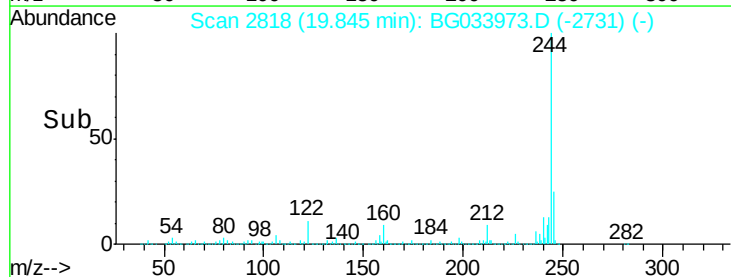
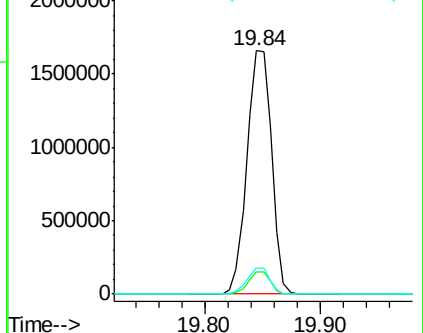
122 10.7 7.0 10.4#

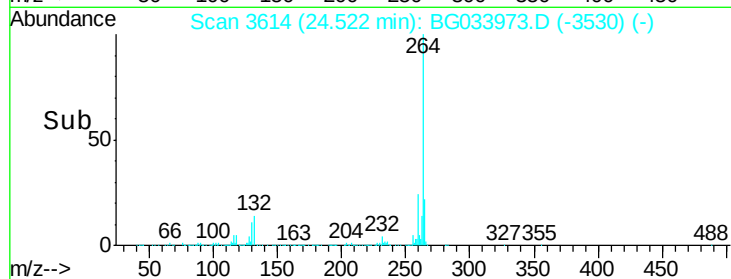
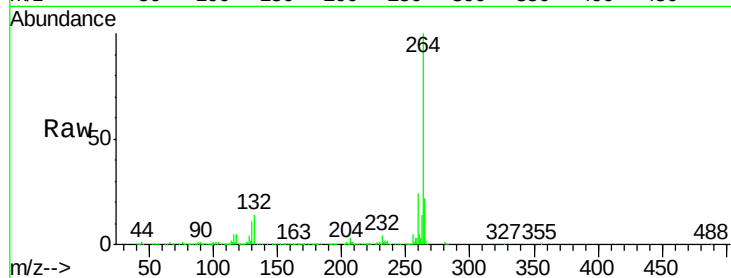
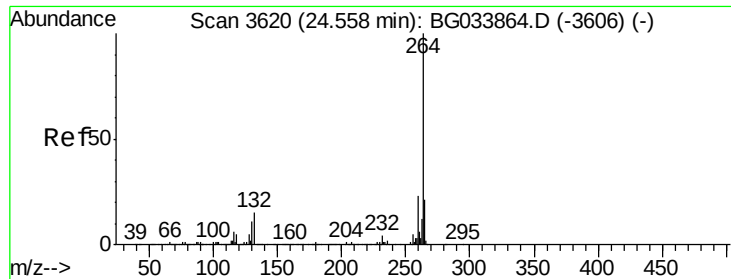


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033973.D
Acq: 25 Apr 2018 4:20

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.4	17.7	26.5

