

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032774.D
 Acq On : 22 Feb 2018 1:38
 Operator : SJ/JU
 Sample : J1623-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2

Quant Time: Feb 22 07:31:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

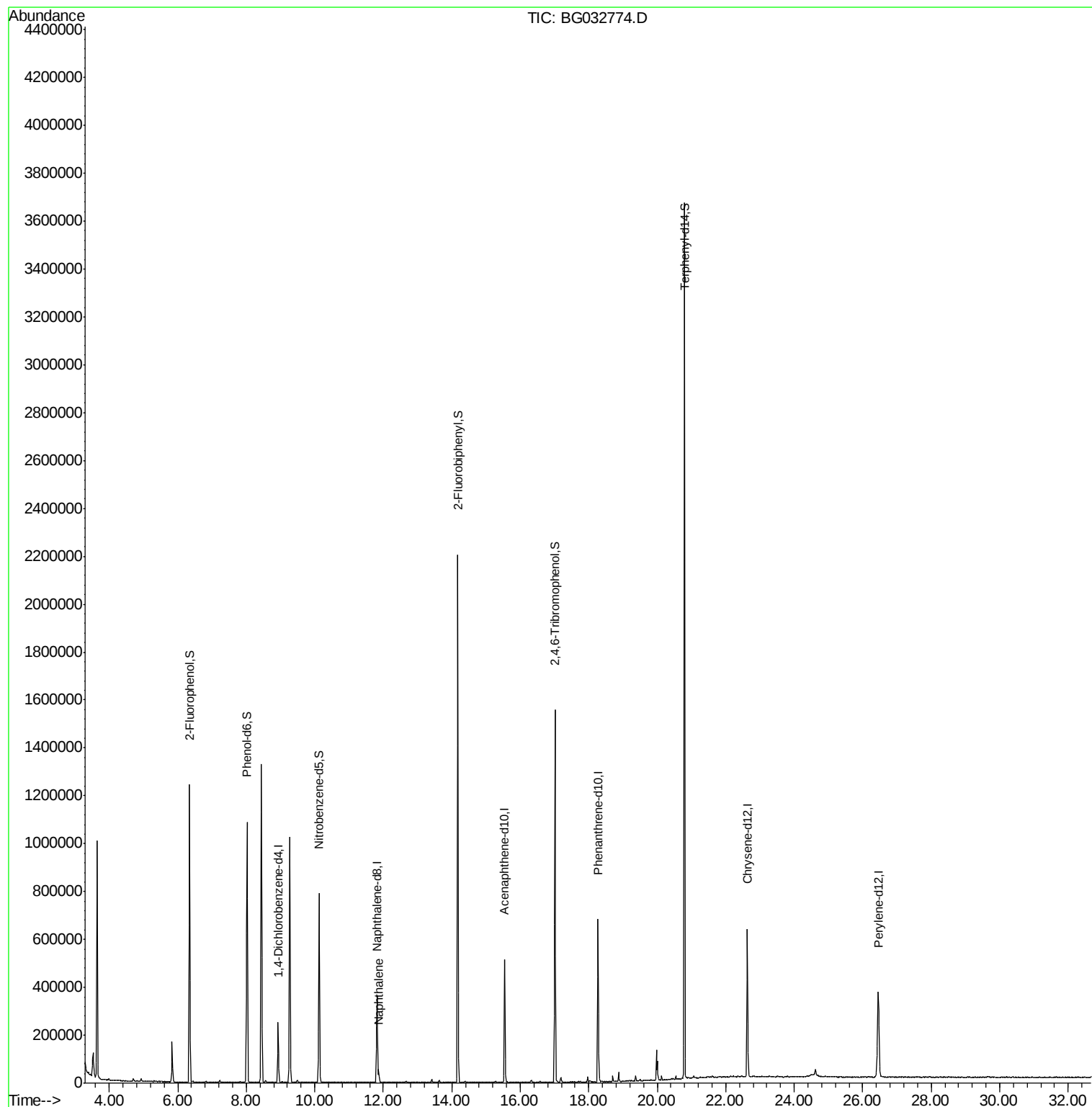
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	76872	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	334113	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	188438	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	420774	20.00	ng	0.00
75) Chrysene-d12	22.63	240	395399	20.00	ng	-0.01
86) Perylene-d12	26.45	264	423570	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	599410	124.75	ng	0.00
7) Phenol-d6	8.02	99	710407	106.07	ng	0.00
23) Nitrobenzene-d5	10.12	82	499078	101.48	ng	0.00
41) 2,4,6-Tribromophenol	17.02	330	291377	147.06	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1124680	86.08	ng	0.00
78) Terphenyl-d14	20.79	244	1600163	90.92	ng	0.00
Target Compounds						
31) Naphthalene	11.87	128	49608	2.841	ng	Qvalue 99

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

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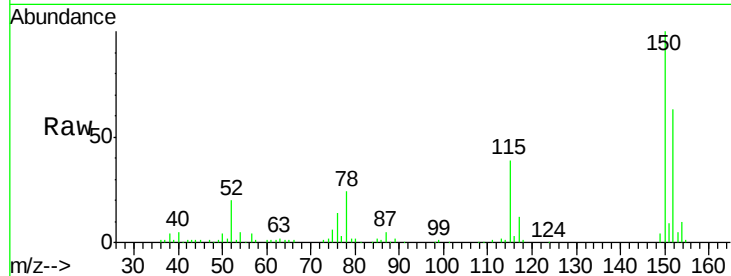


#1

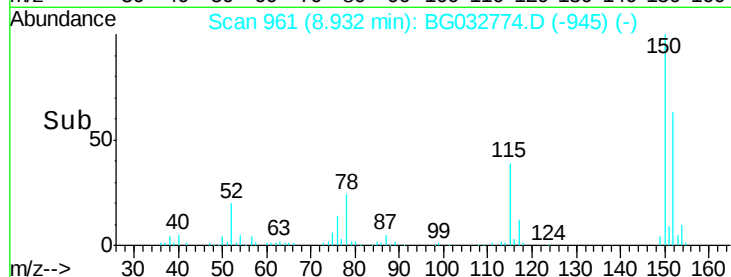
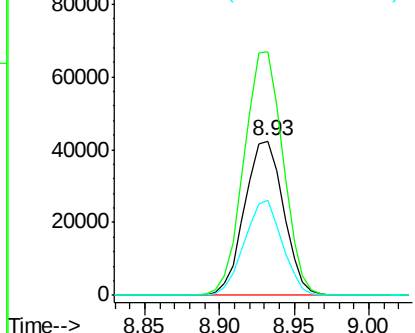
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG032774.D
Acq: 22 Feb 2018 1:38

Instrument :
BNA_G
ClientSampleId :
TP-1-2

Tot Ion:152 Resp: 76872
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 61.2 53.0 79.4



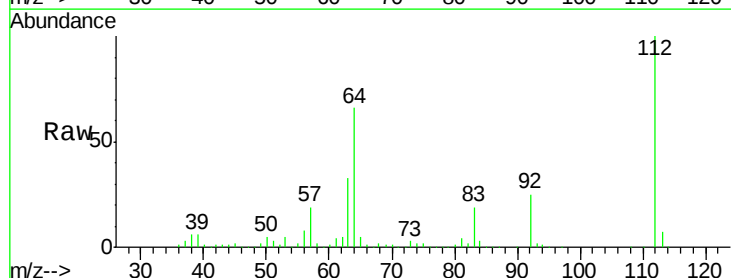
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



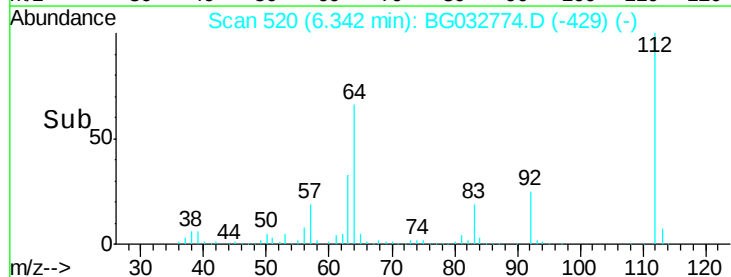
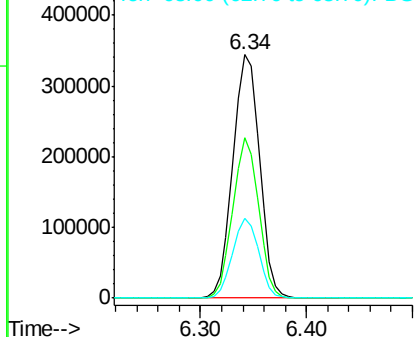
#5

2-Fluorophenol
Concen: 124.749 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032774.D
Acq: 22 Feb 2018 1:38

Tgt Ion:112 Resp: 599410
Ion Ratio Lower Upper
112 100
64 65.9 56.3 84.5
63 32.5 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: 106.072 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032774.D

Acq: 22 Feb 2018 1:38

Instrument :

BNA_G

ClientSampled :

TP-1-2

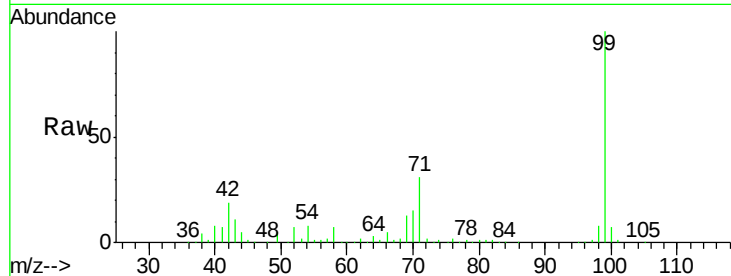
Tot Ion: 99 Resp: 710407

Ion Ratio Lower Upper

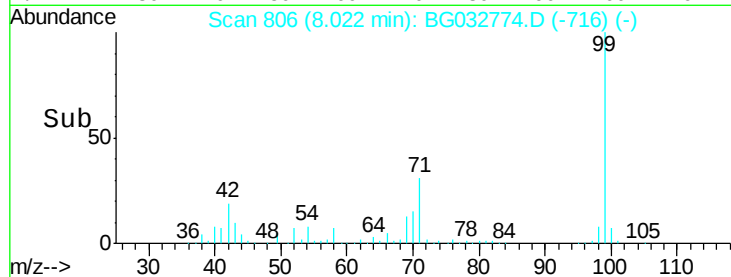
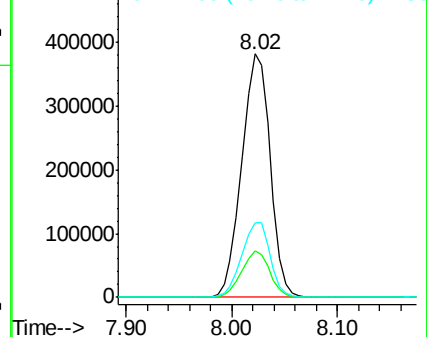
99 100

42 19.2 14.1 21.1

71 30.9 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: 11.82 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BG032774.D

Acq: 22 Feb 2018 1:38

Tgt Ion: 136 Resp: 334113

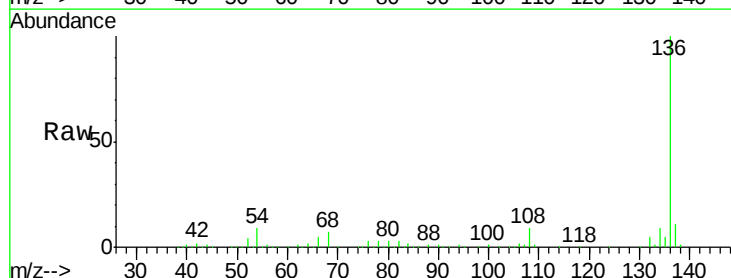
Ion Ratio Lower Upper

136 100

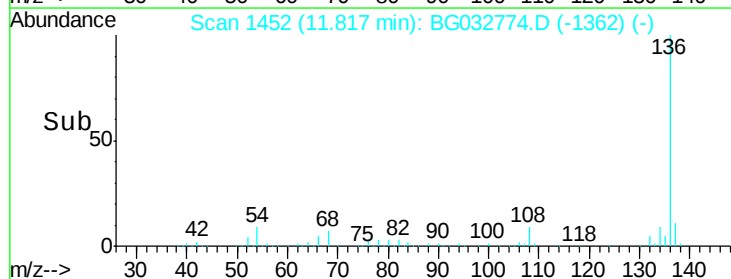
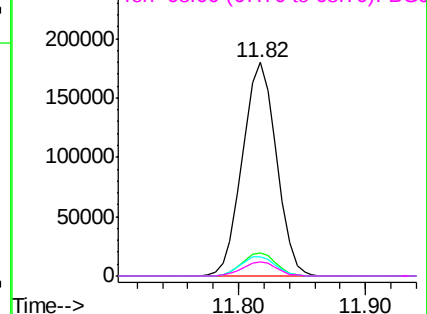
137 10.8 9.2 13.8

54 9.2 10.3 15.5#

68 6.8 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

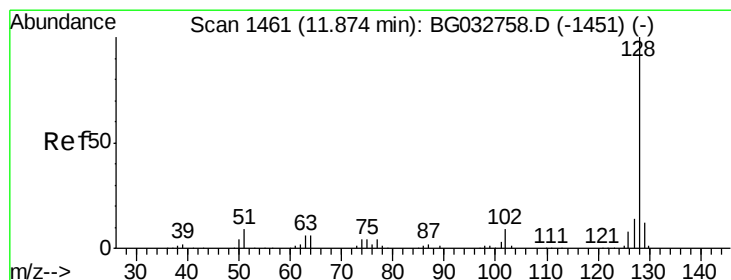
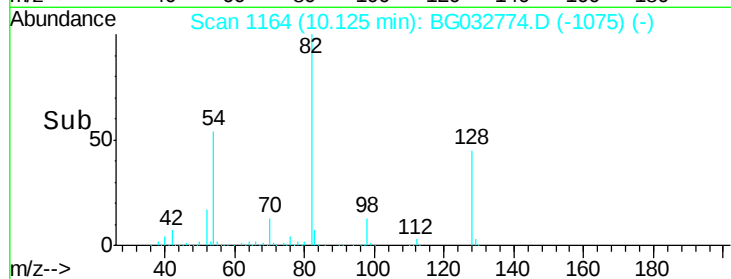
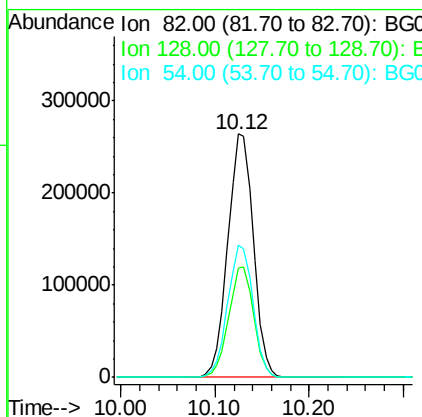
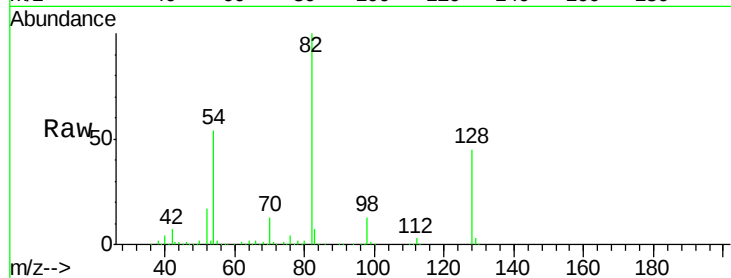




#23
 Nitrobenzene-d5
 Concen: 101.482 ng
 RT: 10.12 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG032774.D
 Acq: 22 Feb 2018 1:38

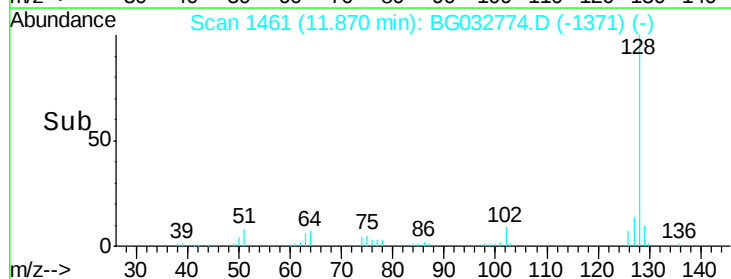
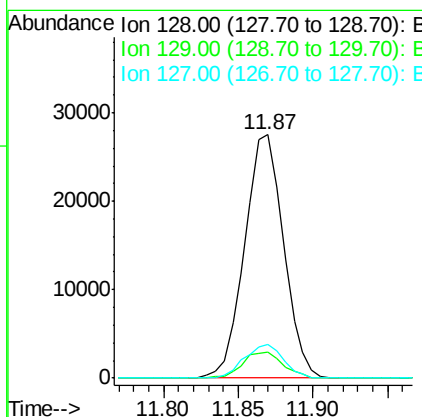
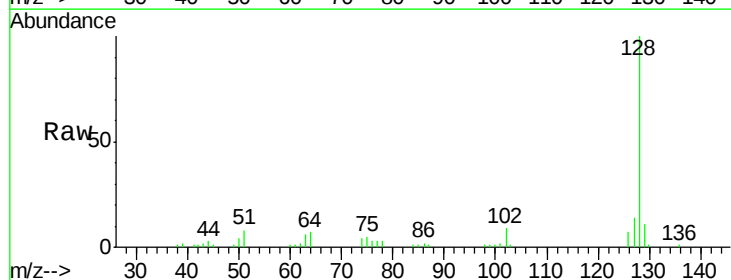
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2

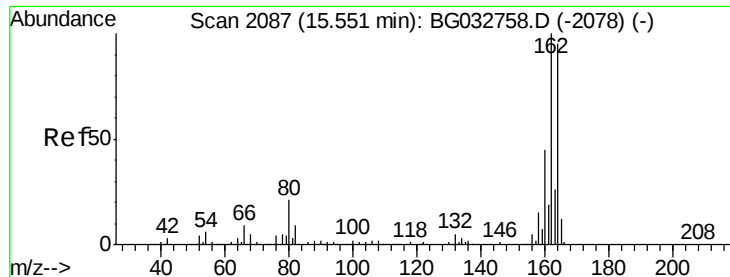
Tot Ion: 82 Resp: 499078
 Ion Ratio Lower Upper
 82 100
 128 44.9 29.7 44.5#
 54 54.3 43.1 64.7



#31
 Naphthalene
 Concen: 2.841 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BG032774.D
 Acq: 22 Feb 2018 1:38

Tgt Ion: 128 Resp: 49608
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.6 12.8
 127 14.0 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032774.D

Acq: 22 Feb 2018 1:38

Instrument :

BNA_G

ClientSampleId :

TP-1-2

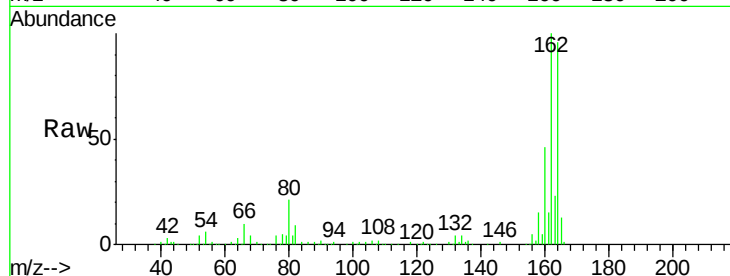
Tot Ion:164 Resp: 188438

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

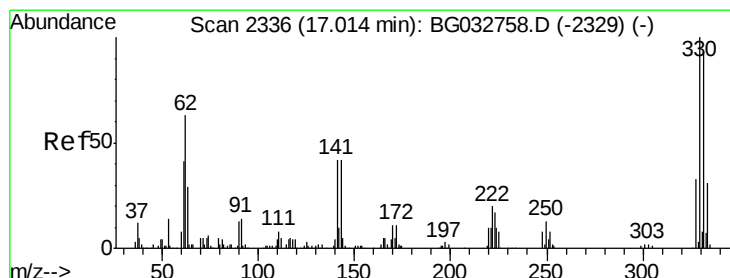
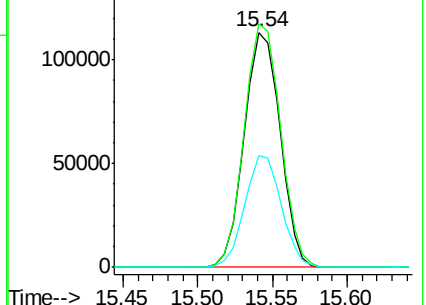
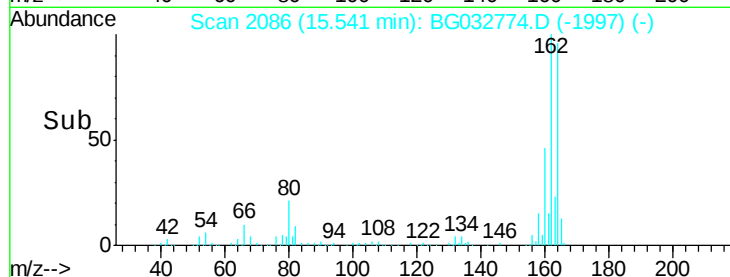
160 47.6 35.4 53.0



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: 147.059 ng

RT: 17.02 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG032774.D

Acq: 22 Feb 2018 1:38

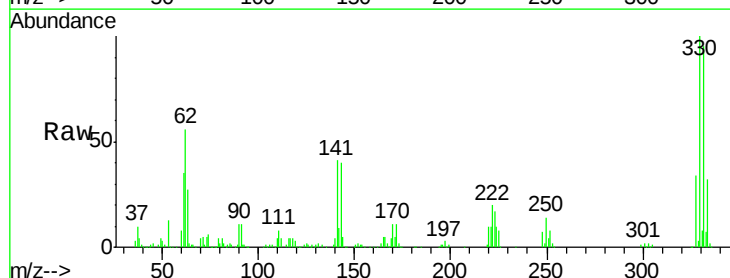
Tgt Ion:330 Resp: 291377

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

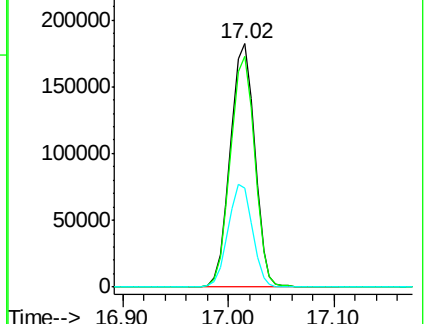
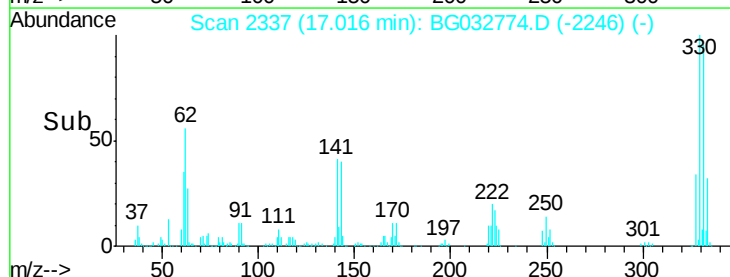
141 41.9 25.2 37.8#

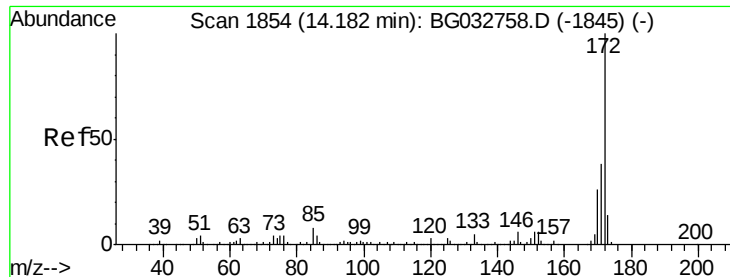


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

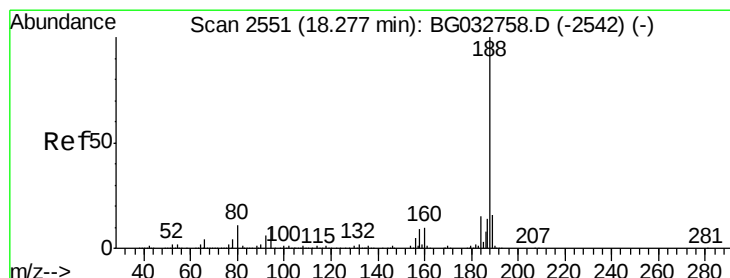
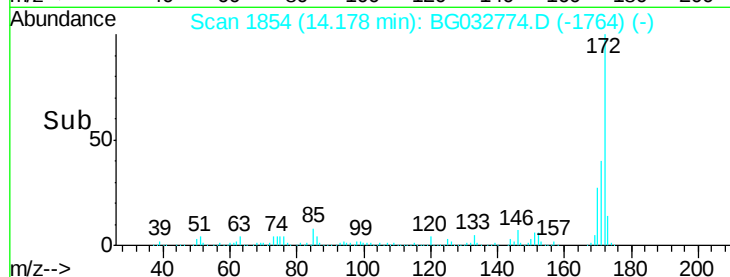
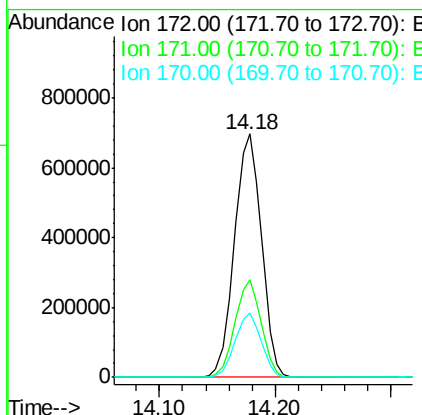
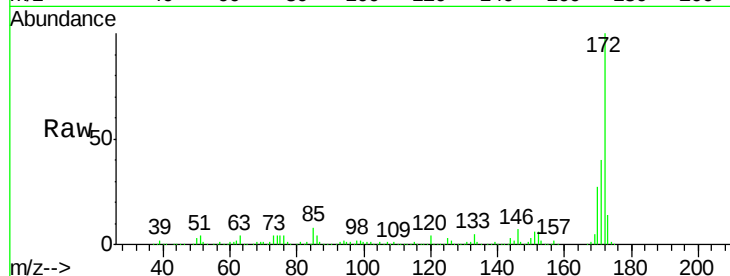




#44
2-Fluorobiphenyl
Concen: 86.080 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BG032774.D
Acq: 22 Feb 2018 1:38

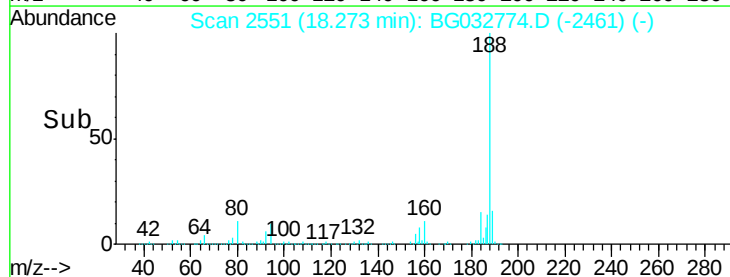
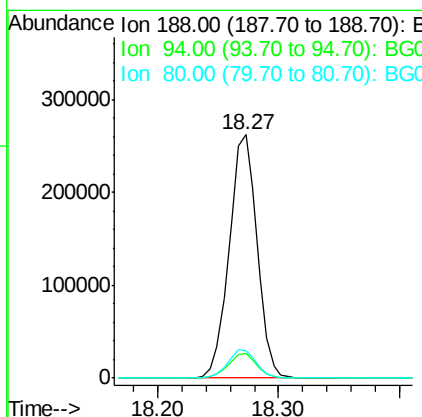
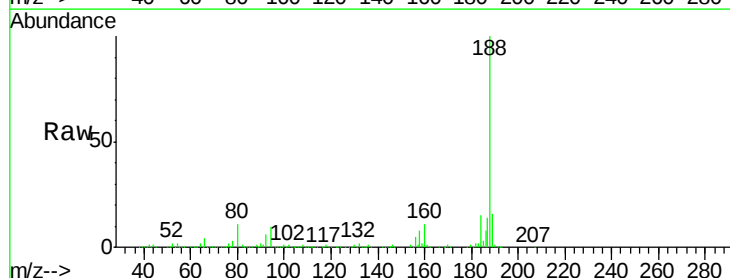
Instrument :
BNA_G
ClientSampleId :
TP-1-2

Tot Ion:172 Resp: 1124680
Ion Ratio Lower Upper
172 100
171 40.2 30.0 45.0
170 26.6 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BG032774.D
Acq: 22 Feb 2018 1:38

Tgt Ion:188 Resp: 420774
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 11.3 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3293

Delta R.T. -0.01 min

Lab File: BG032774.D

Acq: 22 Feb 2018 1:38

Instrument :

BNA_G

ClientSampleId :

TP-1-2

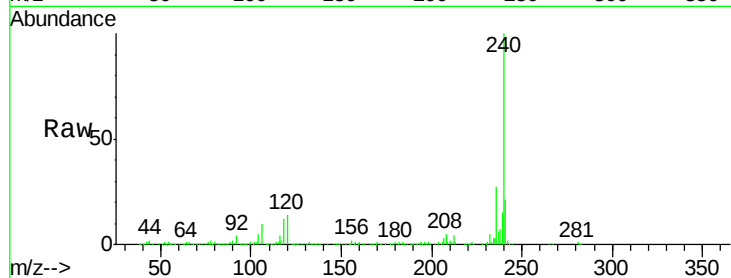
Tot Ion:240 Resp: 395399

Ion Ratio Lower Upper

240 100

120 14.1 6.8 10.2#

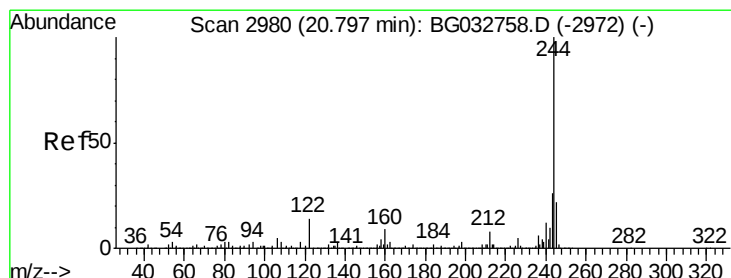
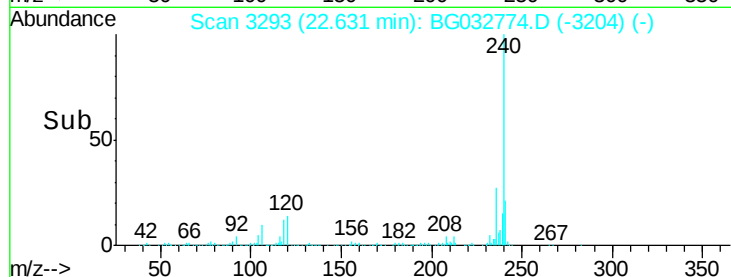
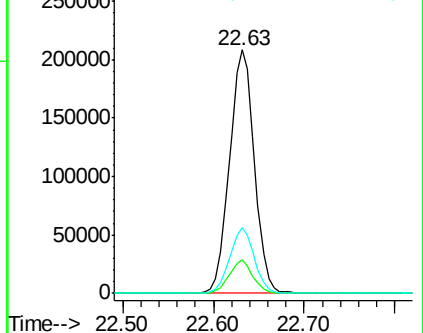
236 27.1 20.9 31.3



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: 90.924 ng

RT: 20.79 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG032774.D

Acq: 22 Feb 2018 1:38

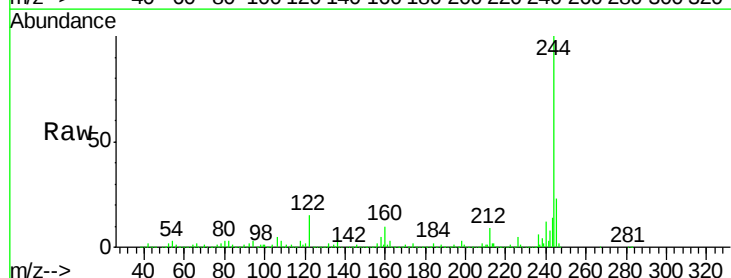
Tgt Ion:244 Resp: 1600163

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

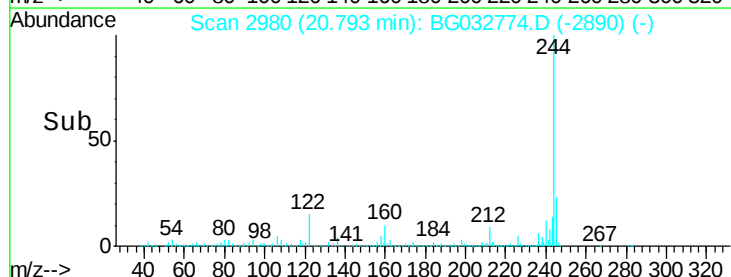
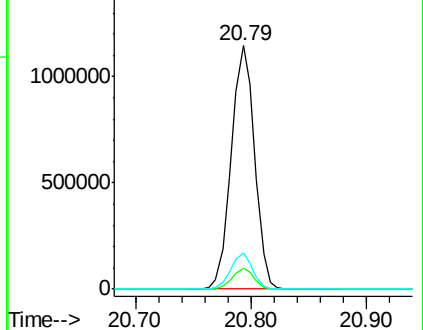
122 14.6 7.0 10.4#

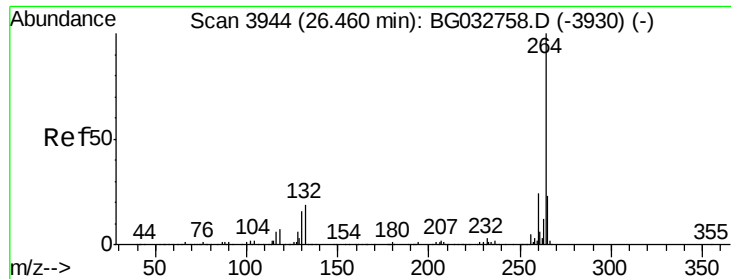


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.45 min Scan# 3943
 Delta R.T. -0.01 min
 Lab File: BG032774.D
 Acq: 22 Feb 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.0	17.7	26.5

