

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032767.D
 Acq On : 21 Feb 2018 19:42
 Operator : SJ/JU
 Sample : J1404-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-022018

Quant Time: Feb 22 06:51:16 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

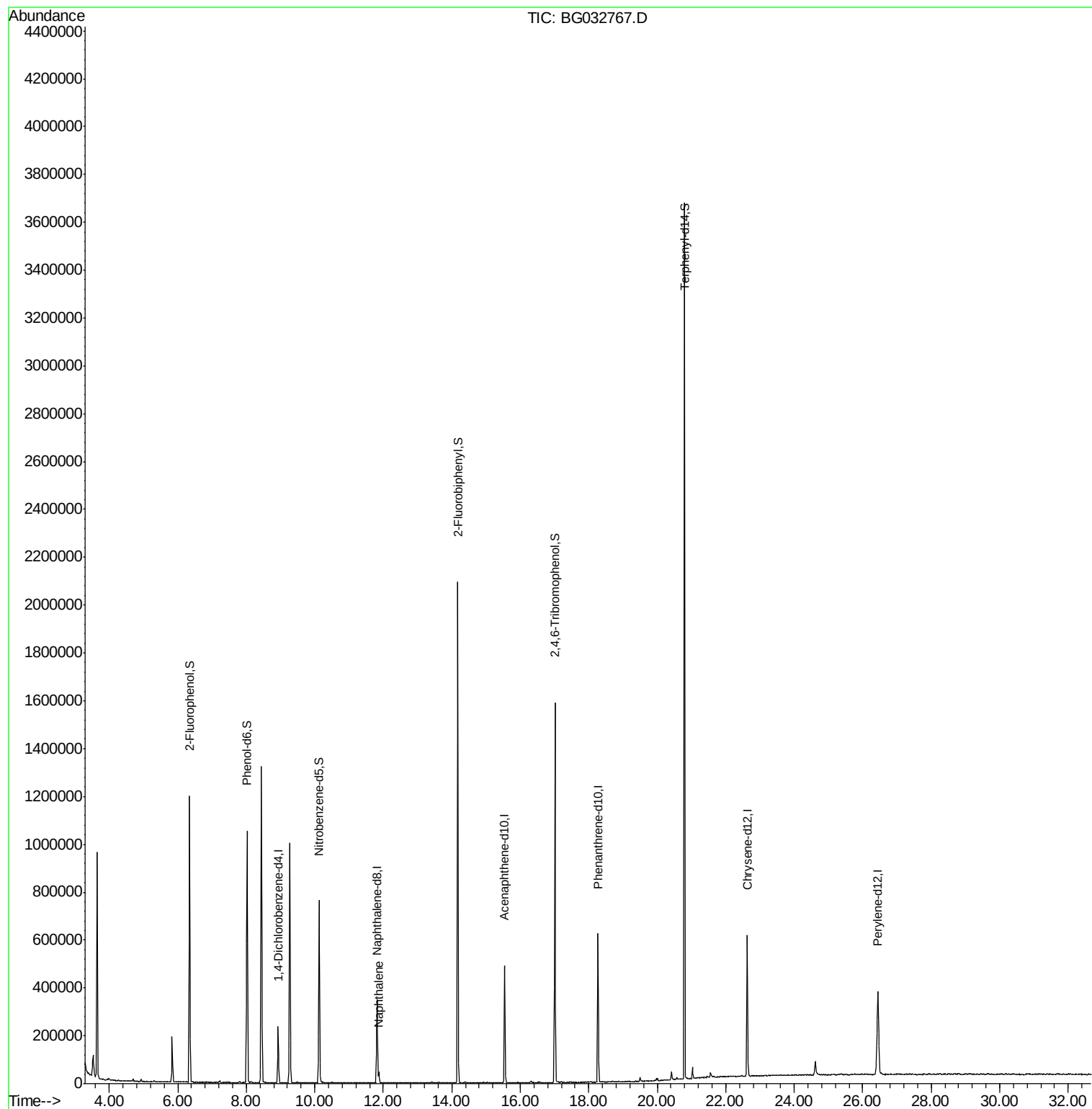
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	71773	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	310643	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	171754	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	390411	20.00	ng	-0.01
75) Chrysene-d12	22.63	240	387960	20.00	ng	-0.02
86) Perylene-d12	26.44	264	414980	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	582160	129.77	ng	0.00
7) Phenol-d6	8.02	99	685163	109.57	ng	0.00
23) Nitrobenzene-d5	10.13	82	484446	105.51	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	280828	155.50	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1087012	91.28	ng	0.00
78) Terphenyl-d14	20.79	244	1603353	92.85	ng	0.00
Target Compounds						
31) Naphthalene	11.87	128	39239	2.417	ng	Qvalue 98

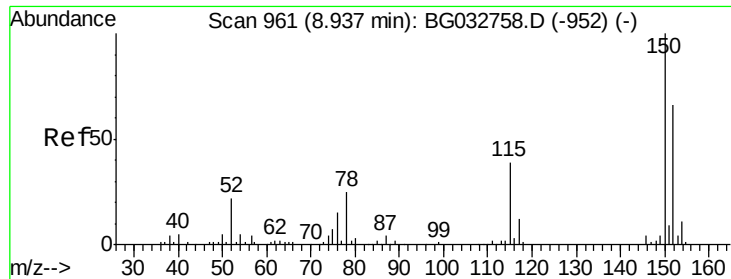
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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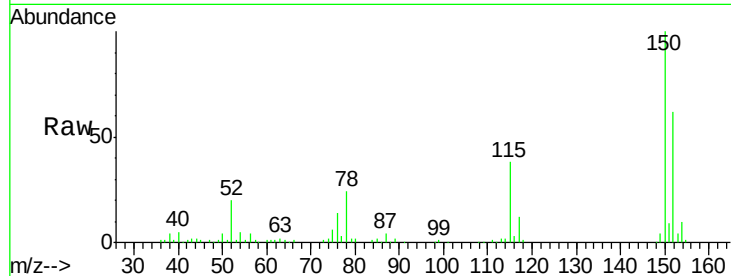


#1

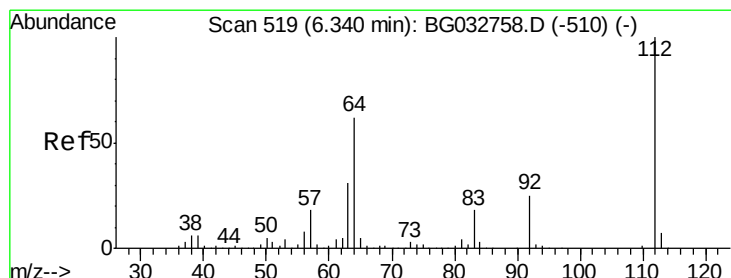
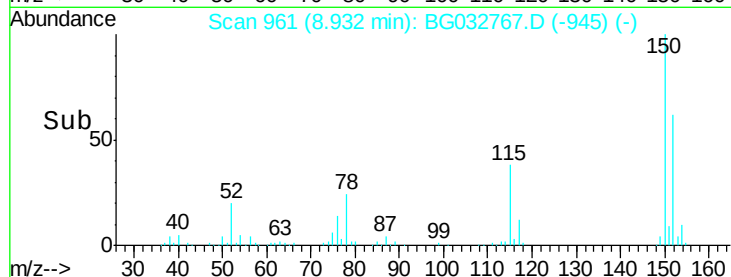
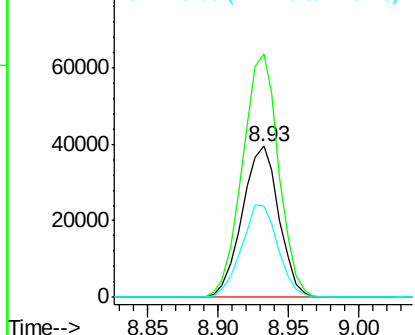
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Instrument :
BNA_G
ClientSampleId :
TR-05-022018

Tot Ion:152 Resp: 71773
Ion Ratio Lower Upper
152 100
150 161.0 126.6 189.8
115 60.7 53.0 79.4



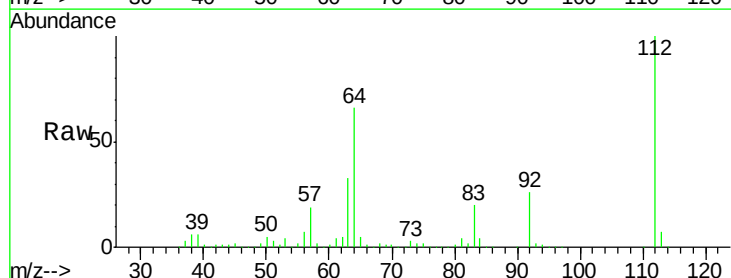
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



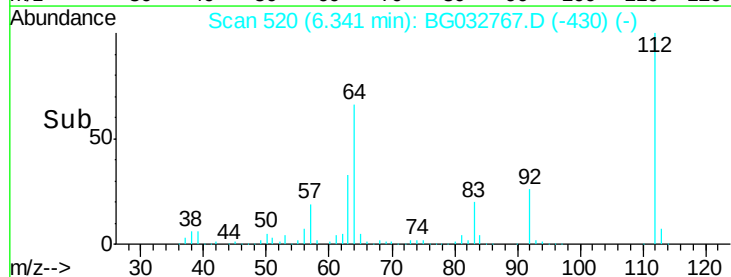
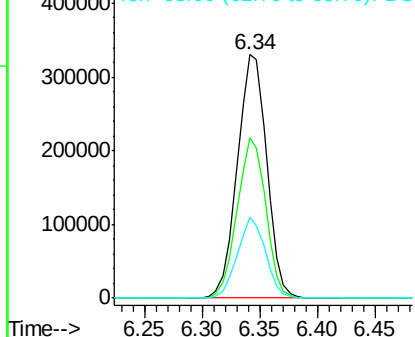
#5

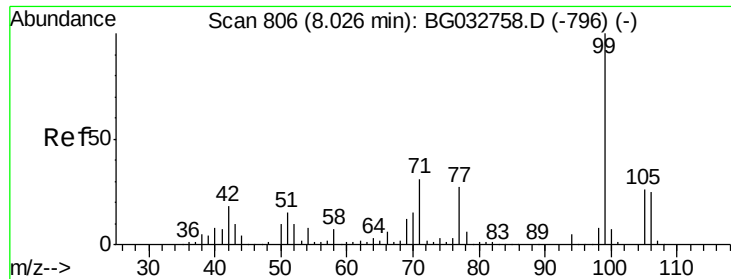
2-Fluorophenol
Concen: 129.766 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion:112 Resp: 582160
Ion Ratio Lower Upper
112 100
64 65.8 56.3 84.5
63 33.4 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: 109.571 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

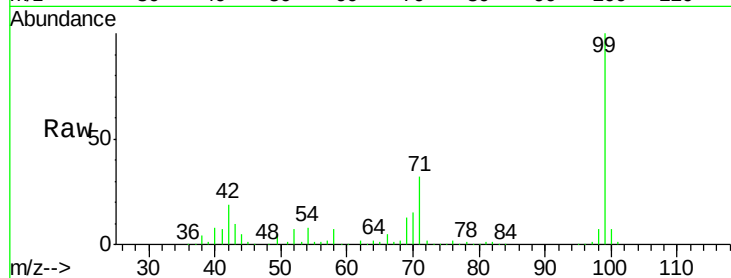
Tot Ion: 99 Resp: 685163

Ion Ratio Lower Upper

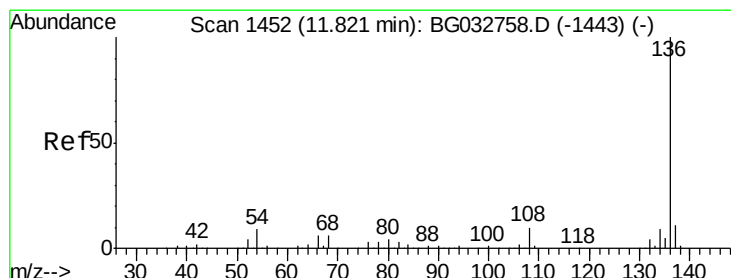
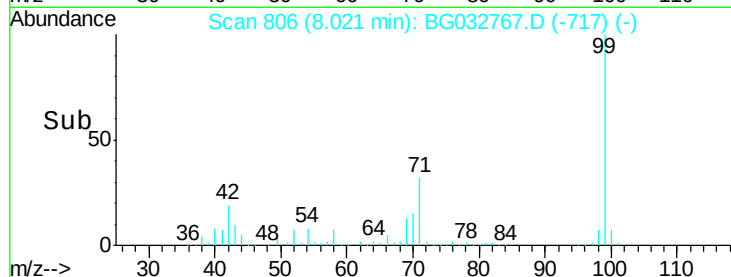
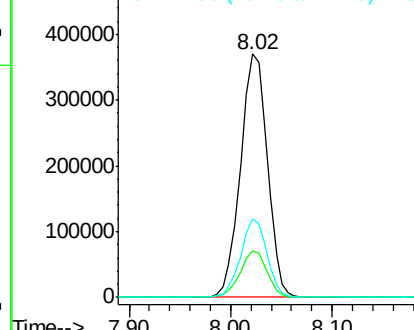
99 100

42 19.2 14.1 21.1

71 32.0 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: BG032767.D

Acq: 21 Feb 2018 19:42

Tgt Ion: 136 Resp: 310643

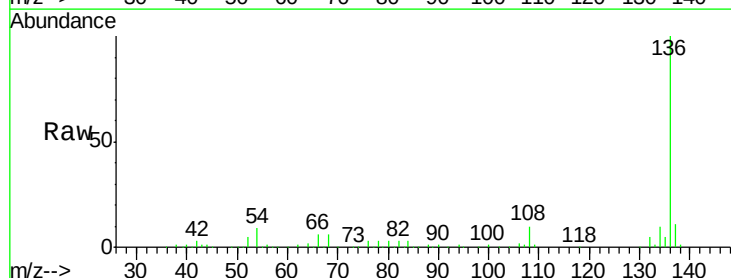
Ion Ratio Lower Upper

136 100

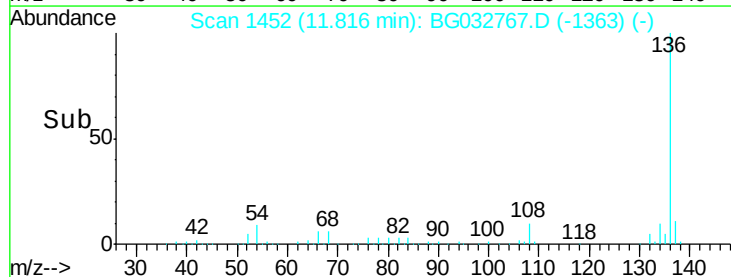
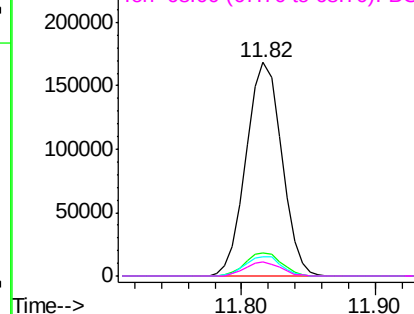
137 11.1 9.2 13.8

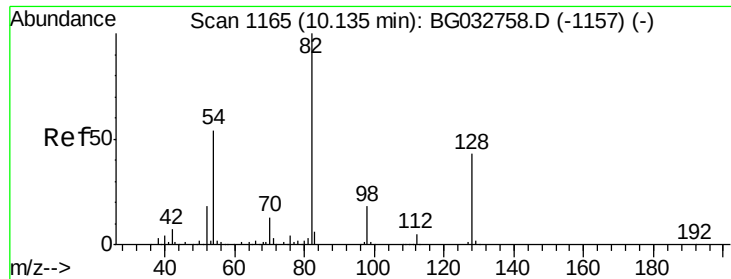
54 9.3 10.3 15.5

68 6.5 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: 105.513 ng

RT: 10.13 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

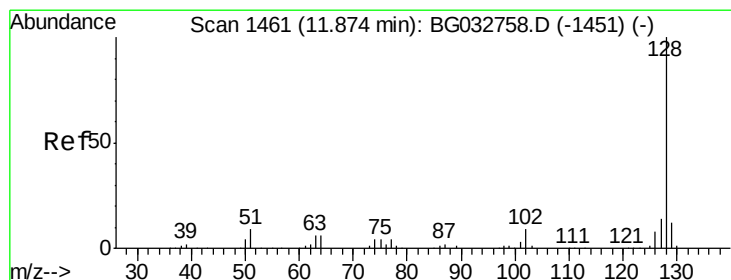
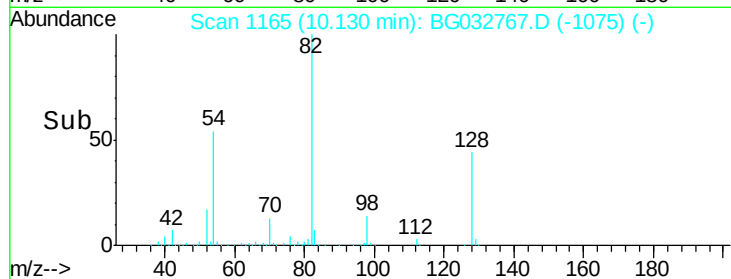
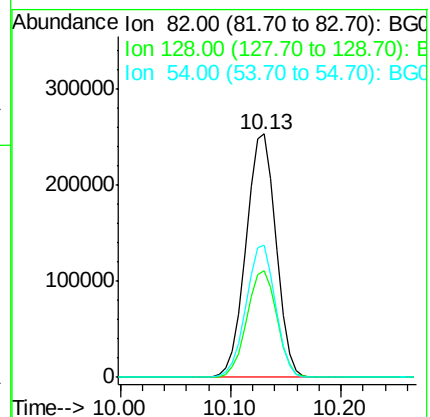
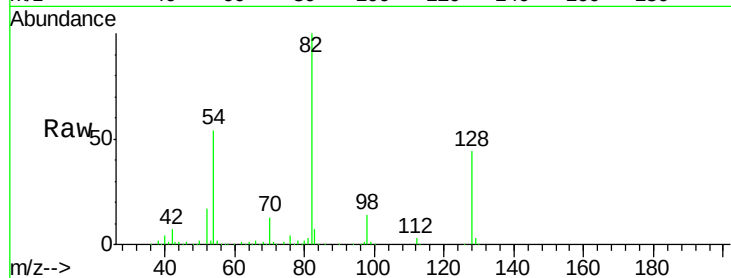
Tot Ion: 82 Resp: 484446

Ion Ratio Lower Upper

82 100

128 43.9 29.7 44.5

54 54.2 43.1 64.7



#31

Naphthalene

Concen: 2.417 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

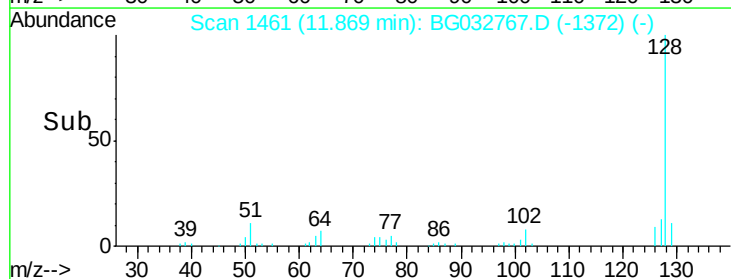
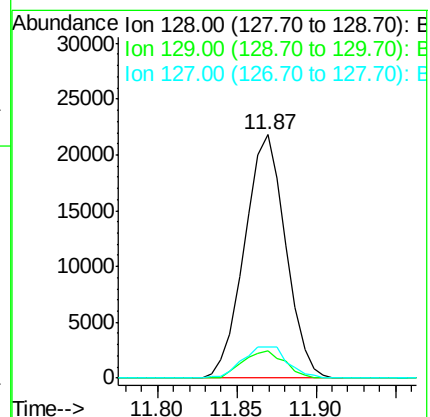
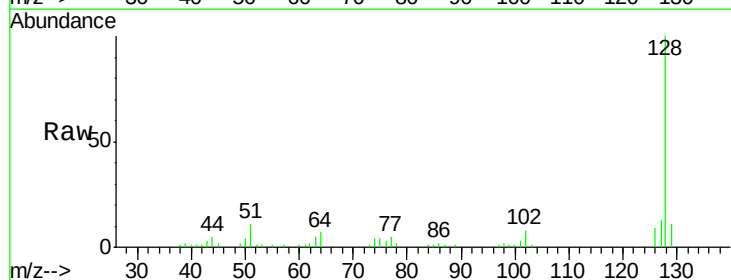
Tgt Ion: 128 Resp: 39239

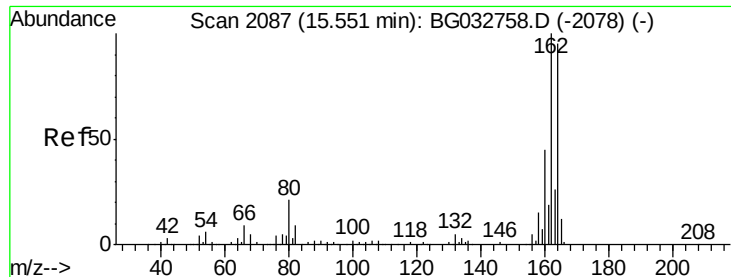
Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.0 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: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

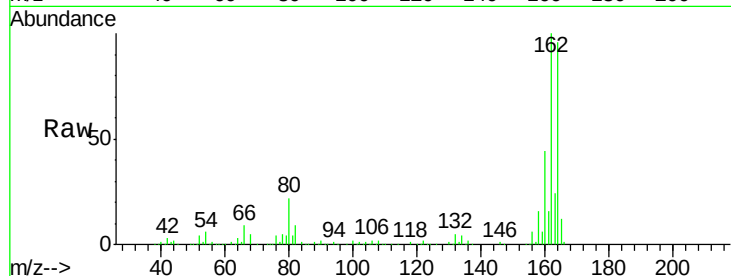
Tot Ion:164 Resp: 171754

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

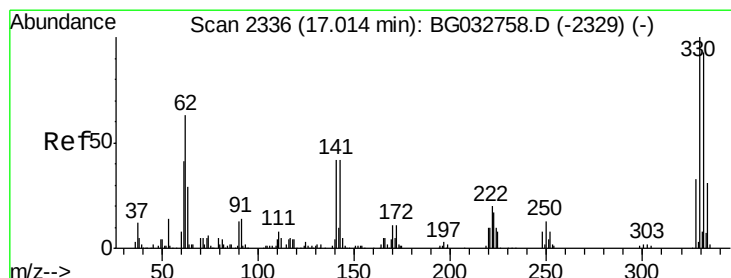
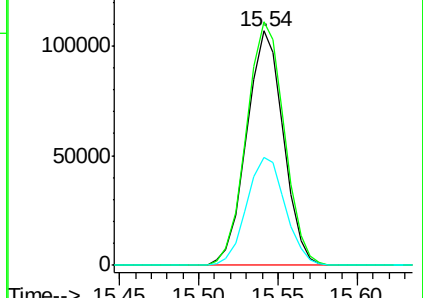
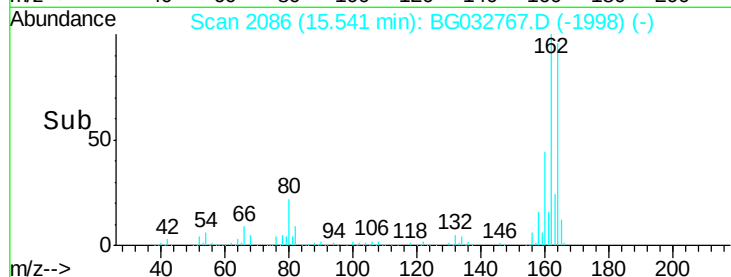
160 46.1 35.4 53.0



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: 155.503 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

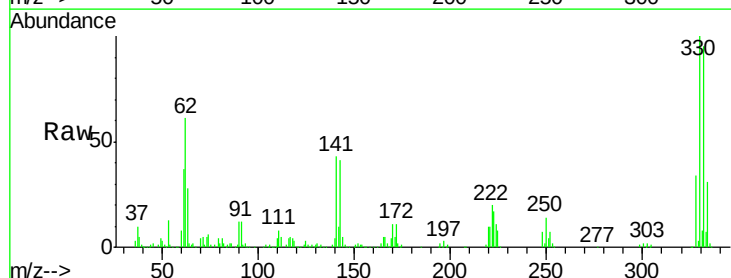
Tgt Ion:330 Resp: 280828

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

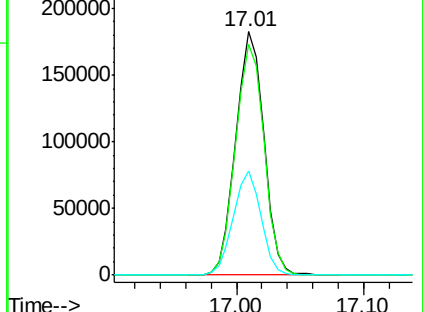
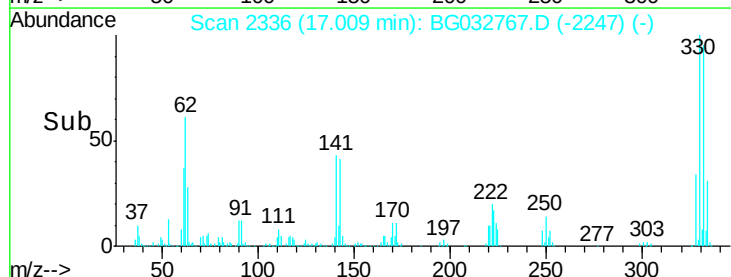
141 42.0 25.2 37.8#

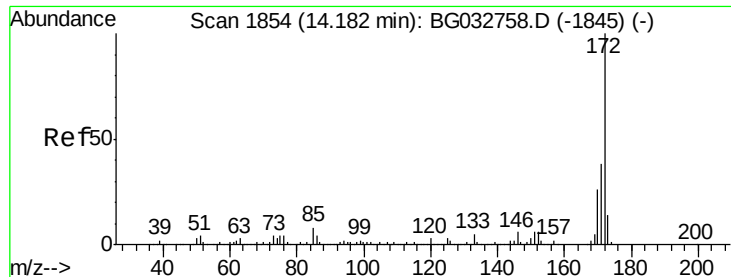


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

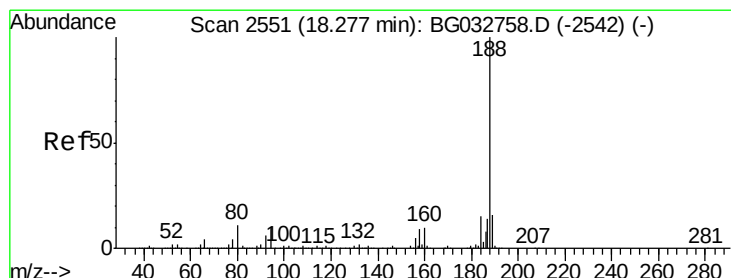
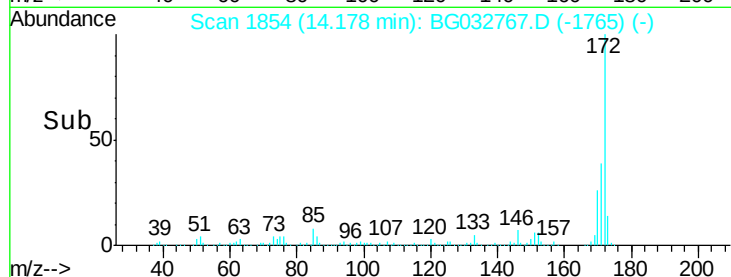
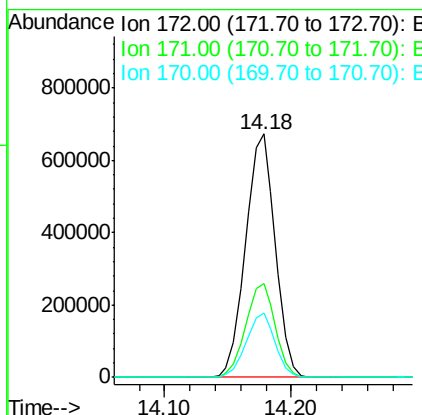
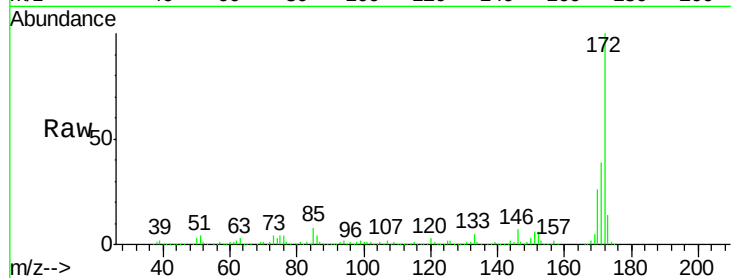




#44
2-Fluorobiphenyl
Concen: 91.279 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

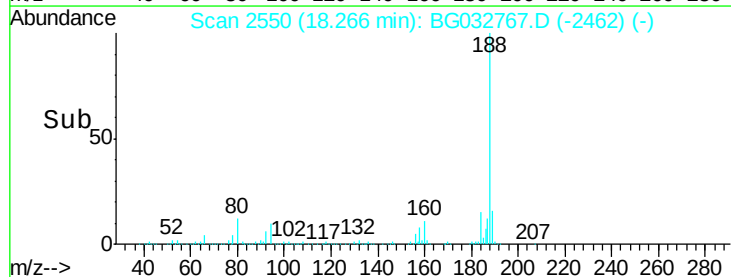
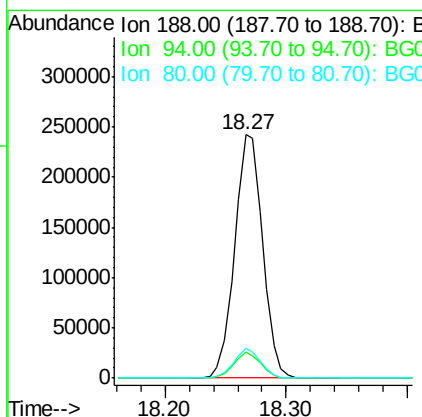
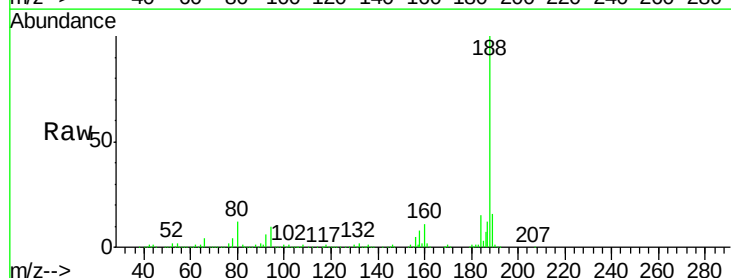
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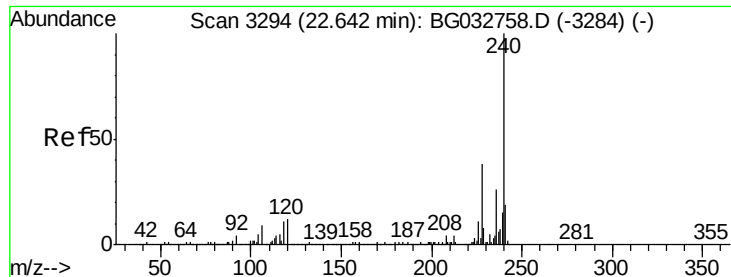
Tot Ion:172 Resp: 1087012
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 26.4 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion:188 Resp: 390411
Ion Ratio Lower Upper
188 100
94 10.5 6.9 10.3#
80 12.2 7.7 11.5#

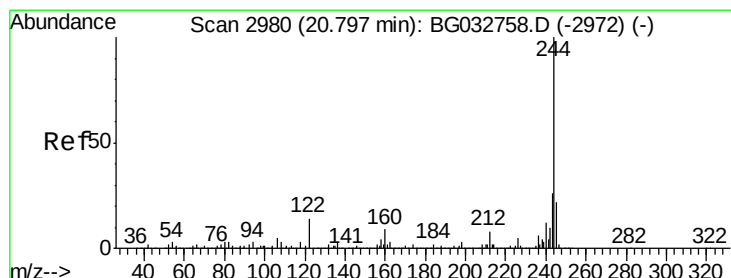
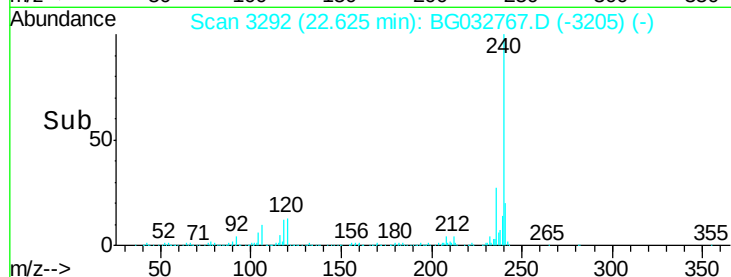
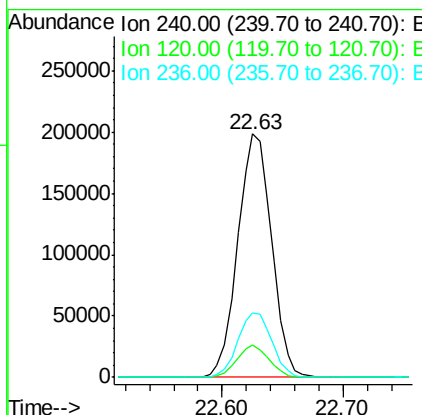
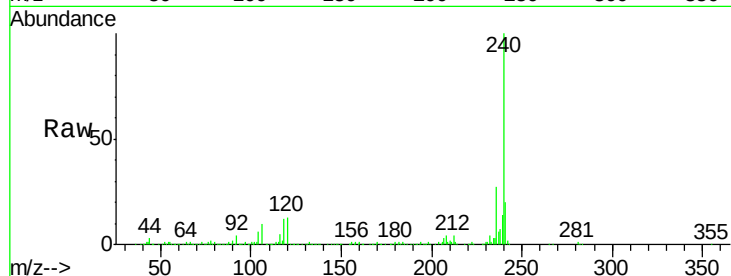




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.02 min
 Lab File: BG032767.D
 Acq: 21 Feb 2018 19:42

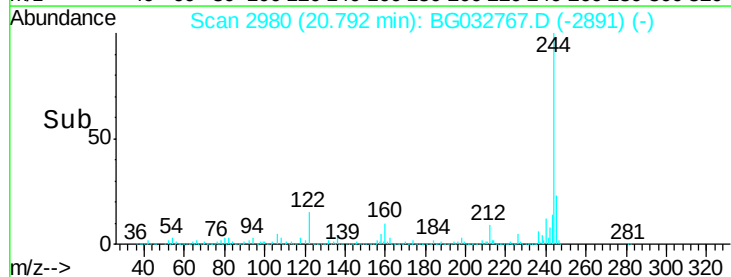
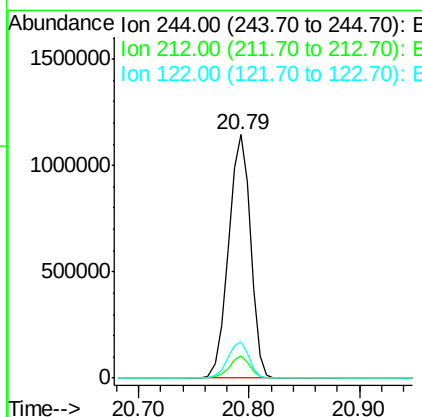
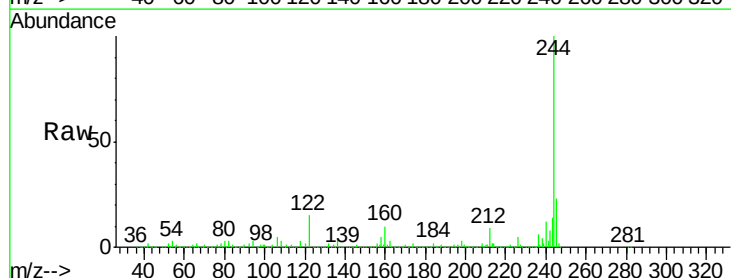
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 TR-05-022018

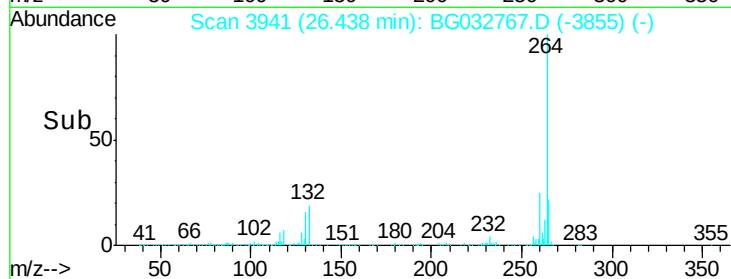
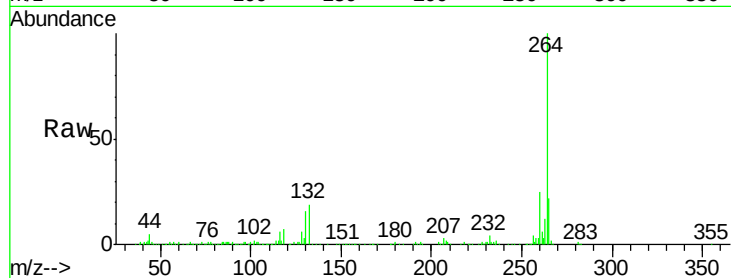
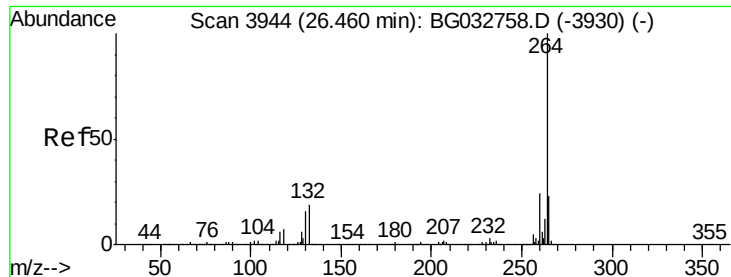
Tot Ion:240 Resp: 387960
 Ion Ratio Lower Upper
 240 100
 120 13.3 6.8 10.2#
 236 26.6 20.9 31.3



#78
 Terphenyl-d14
 Concen: 92.852 ng
 RT: 20.79 min Scan# 2980
 Delta R.T. -0.00 min
 Lab File: BG032767.D
 Acq: 21 Feb 2018 19:42

Tgt Ion:244 Resp: 1603353
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 14.8 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Instrument :
BNA_G
ClientSampleId :
TR-05-022018

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.7	17.7	26.5

