

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032879.D
 Acq On : 28 Feb 2018 7:09
 Operator : SJ/JU
 Sample : J1698-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1

Quant Time: Feb 28 09:55:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

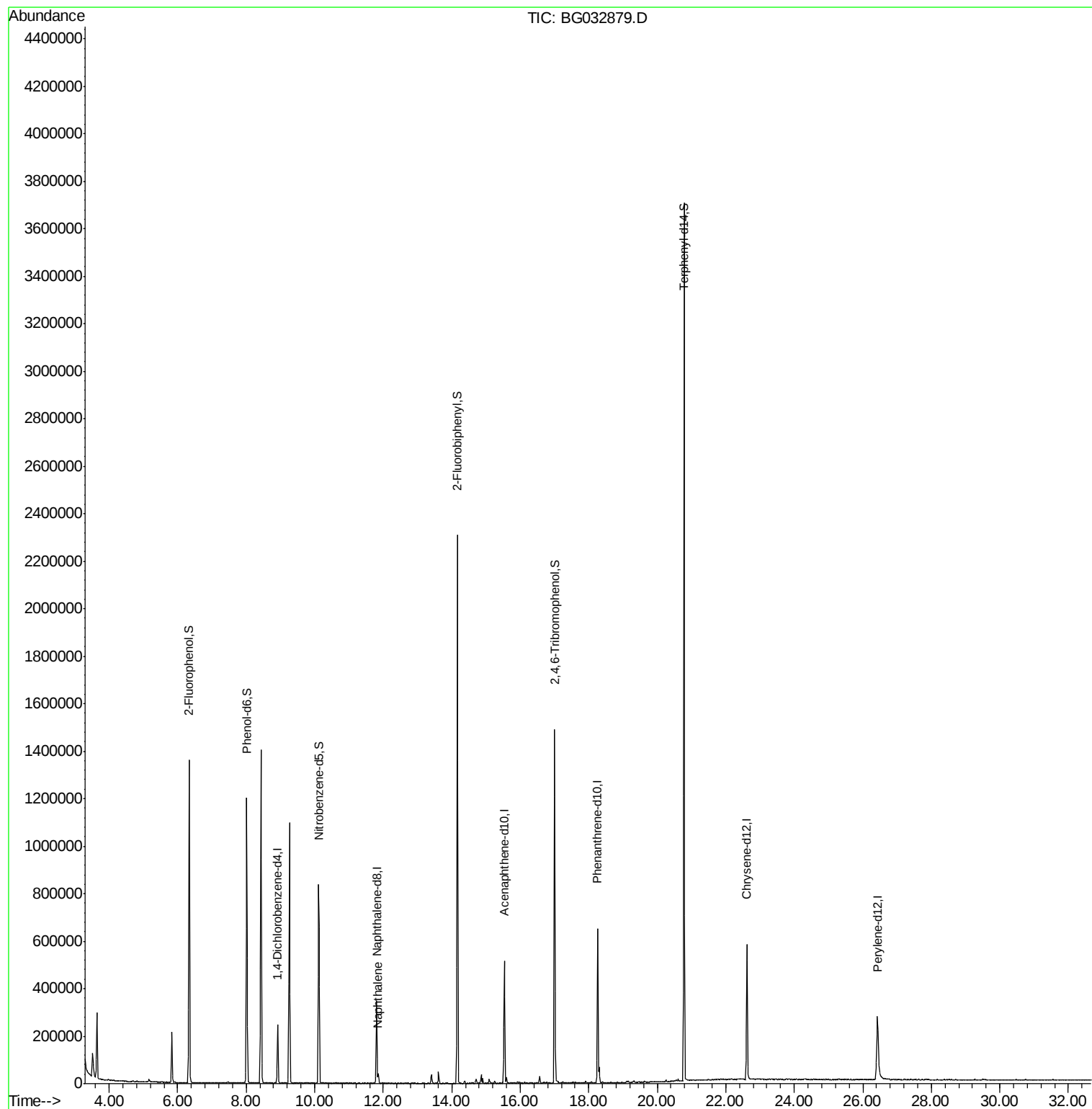
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	76273	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	324273	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	180876	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	402097	20.00	ng	0.00
75) Chrysene-d12	22.62	240	369717	20.00	ng	-0.01
86) Perylene-d12	26.42	264	372346	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	649149	136.16	ng	0.00
7) Phenol-d6	8.01	99	781387	117.59	ng	0.00
23) Nitrobenzene-d5	10.12	82	539901	111.98	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	256219	134.72	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1172995	93.53	ng	0.00
78) Terphenyl-d14	20.78	244	1635283	99.37	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	39151	2.311	ng	Qvalue 97

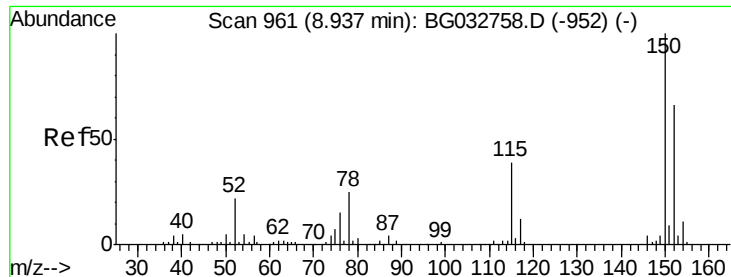
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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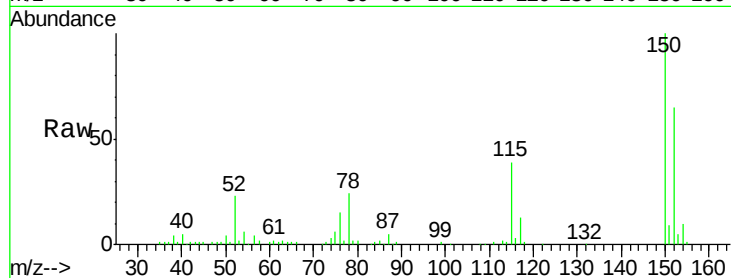


#1

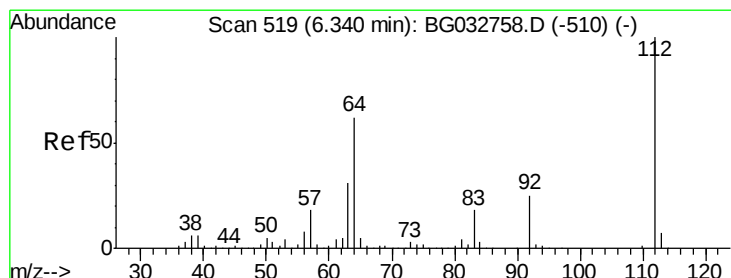
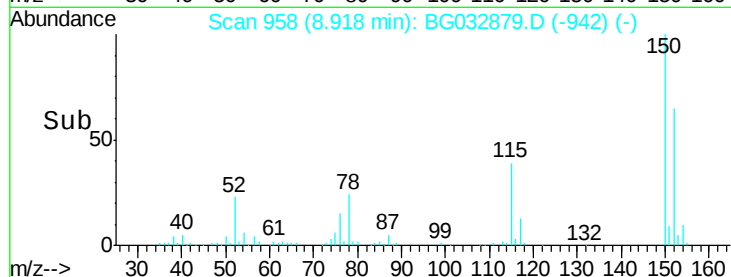
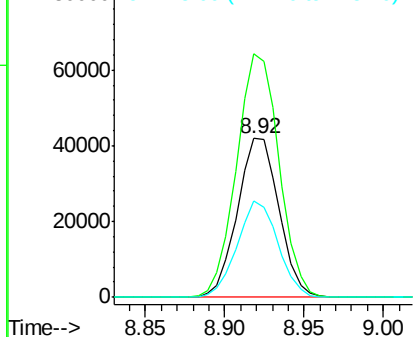
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampled :
B1

Tot Ion:152 Resp: 76273
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 60.5 53.0 79.4



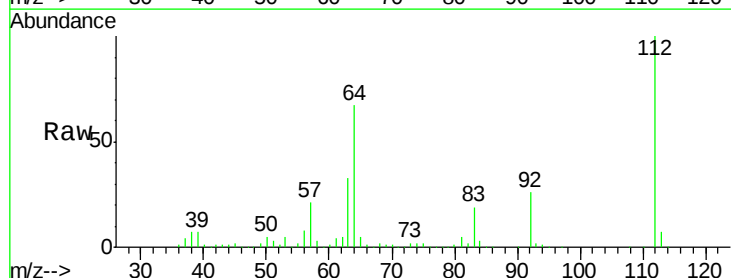
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



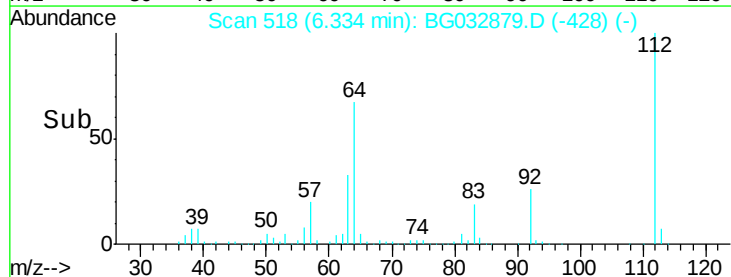
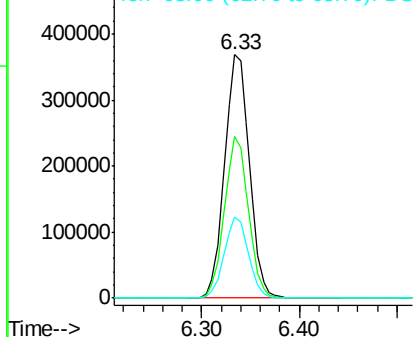
#5

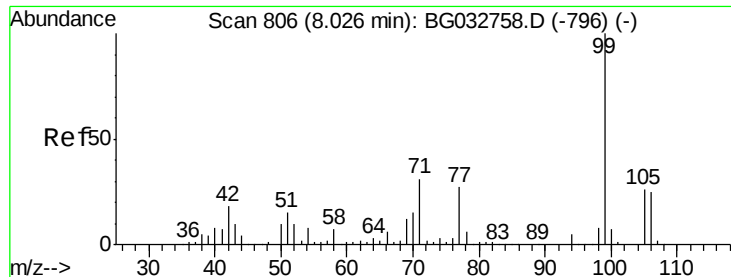
2-Fluorophenol
Concen: 136.161 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:112 Resp: 649149
Ion Ratio Lower Upper
112 100
64 66.7 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: 117.586 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032879.D

Acq: 28 Feb 2018 7:09

Instrument :

BNA_G

ClientSampleId :

B1

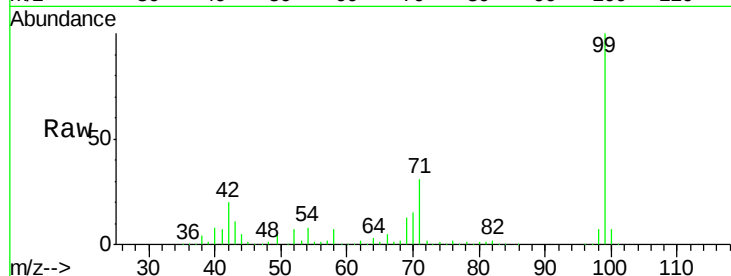
Tot Ion: 99 Resp: 781387

Ion Ratio Lower Upper

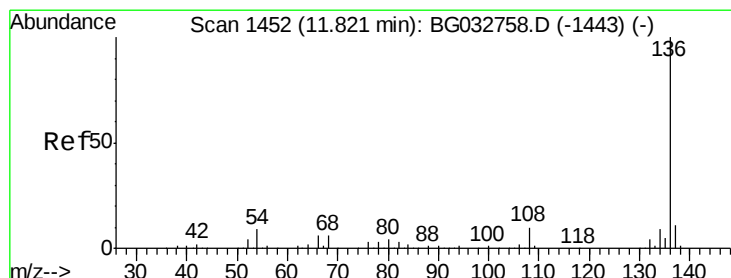
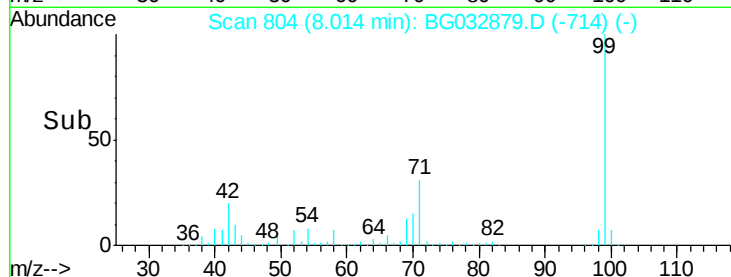
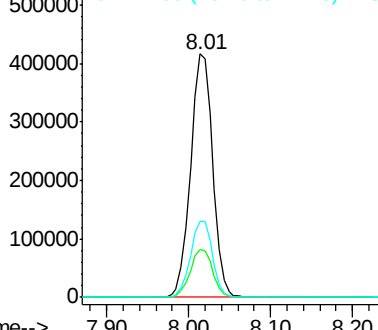
99 100

42 19.8 14.1 21.1

71 31.3 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: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032879.D

Acq: 28 Feb 2018 7:09

Tgt Ion: 136 Resp: 324273

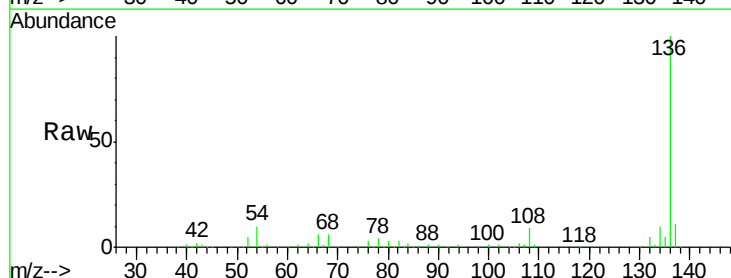
Ion Ratio Lower Upper

136 100

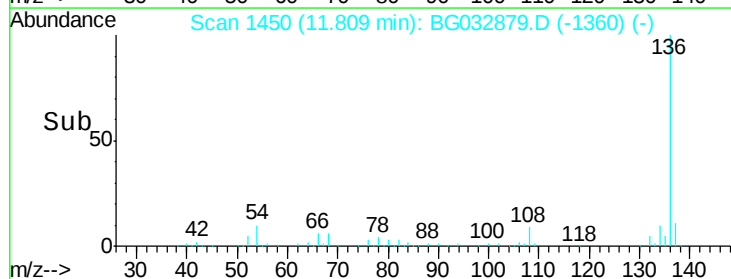
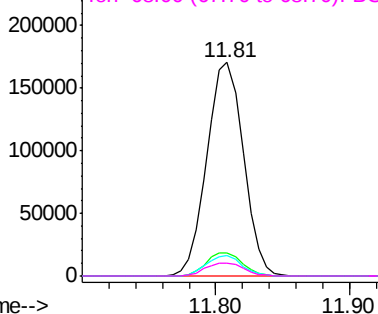
137 10.7 9.2 13.8

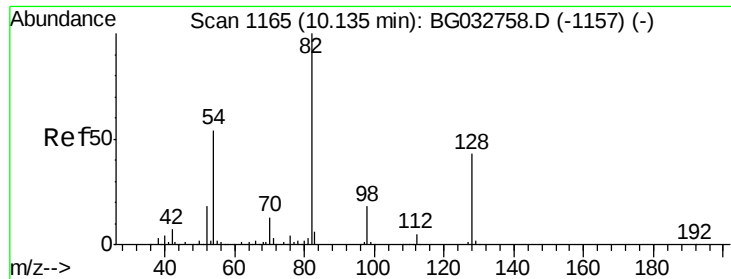
54 9.6 10.3 15.5#

68 6.3 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

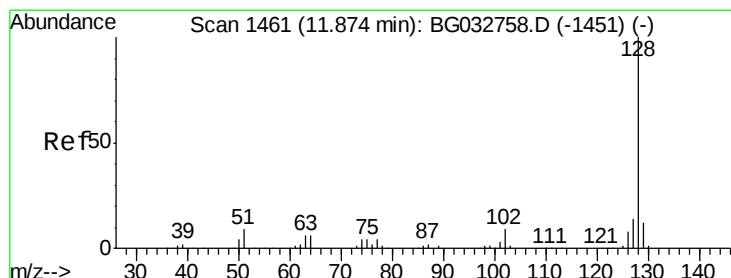
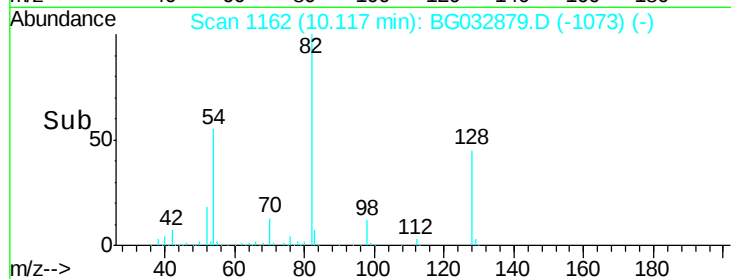
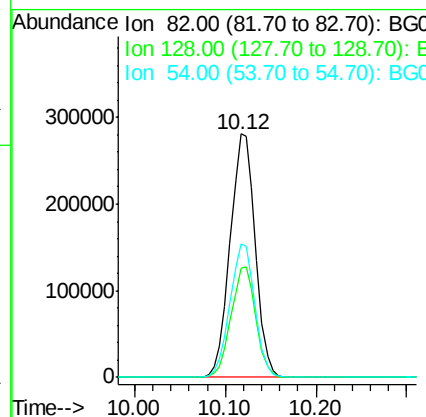
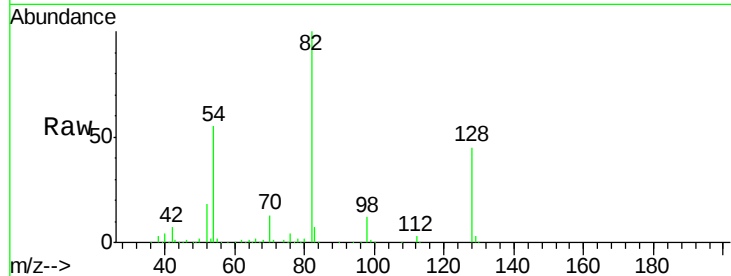




#23
Nitrobenzene-d5
Concen: 111.978 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

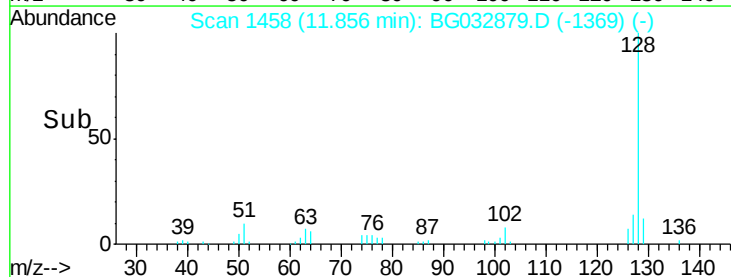
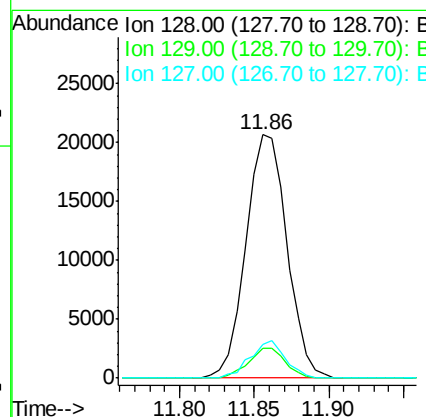
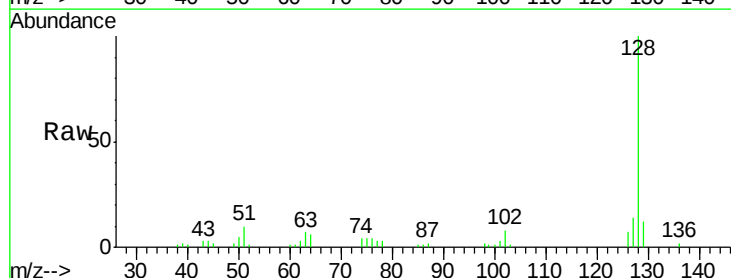
Instrument :
BNA_G
ClientSampleId :
B1

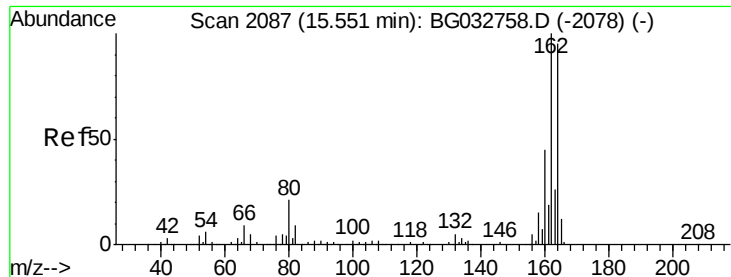
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	29.7	44.5#
54	54.6	43.1	64.7



#31
Naphthalene
Concen: 2.311 ng
RT: 11.86 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	12.8
127	13.9	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032879.D

Acq: 28 Feb 2018 7:09

Instrument :

BNA_G

ClientSampleId :

B1

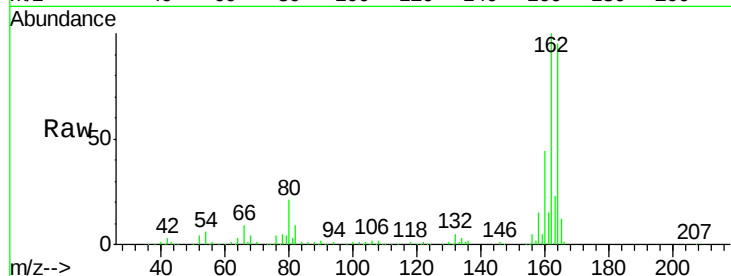
Tot Ion:164 Resp: 180876

Ion Ratio Lower Upper

164 100

162 105.8 78.8 118.2

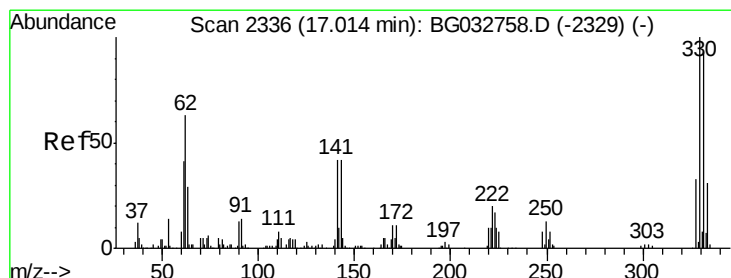
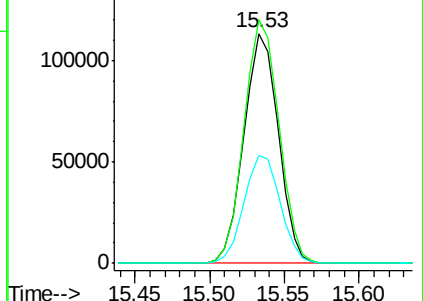
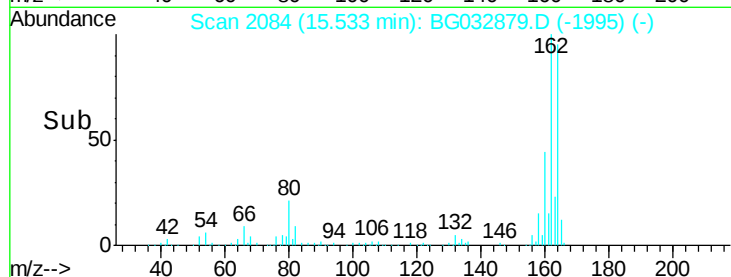
160 46.7 35.4 53.0



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: 134.721 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BG032879.D

Acq: 28 Feb 2018 7:09

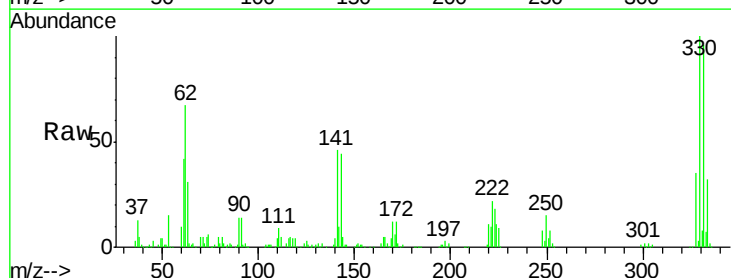
Tgt Ion:330 Resp: 256219

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

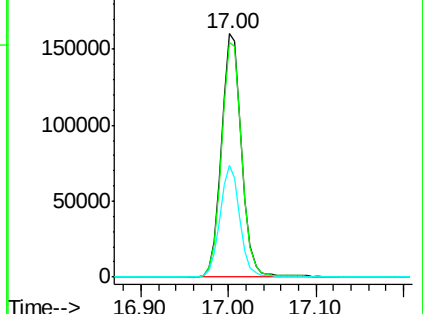
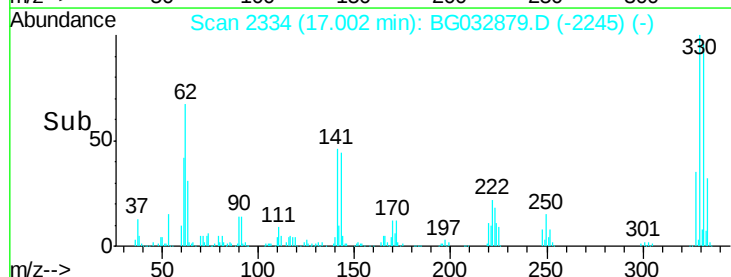
141 44.6 25.2 37.8#

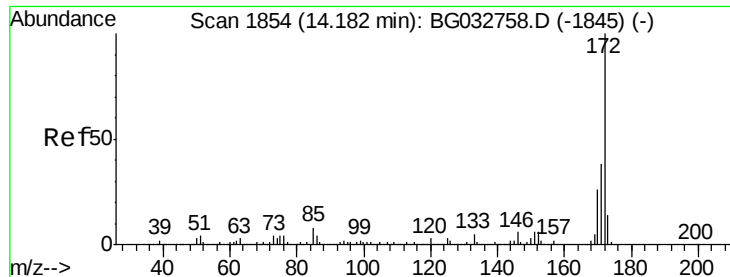


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



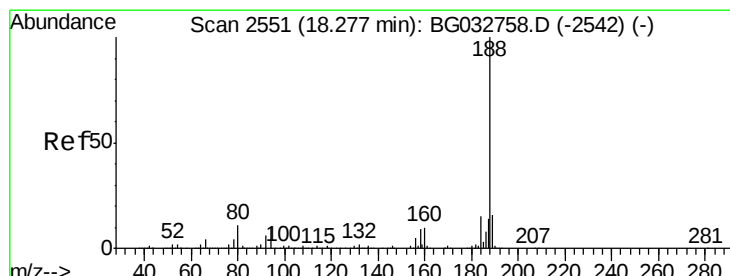
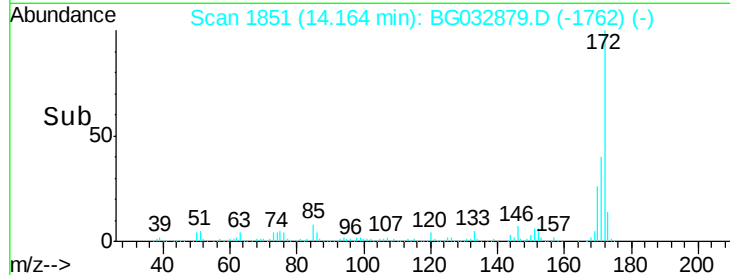
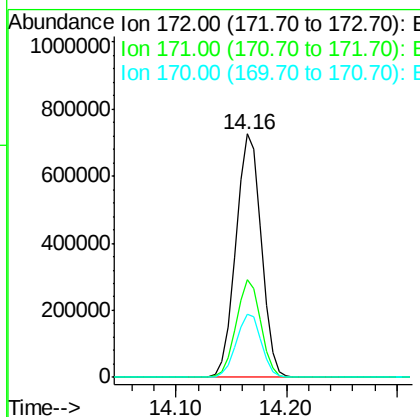
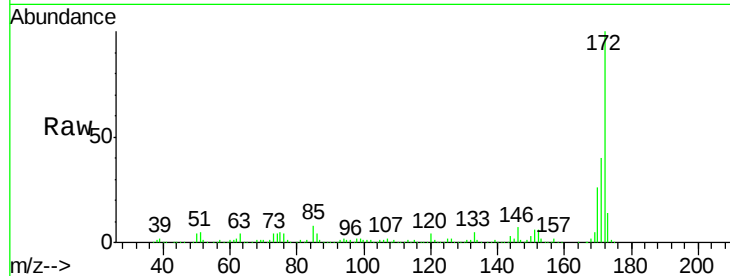


#44
 2-Fluorobiphenyl
 Concen: 93.531 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032879.D
 Acq: 28 Feb 2018 7:09

Instrument :
 BNA_G
 ClientSampled :
 B1

Tot Ion:172 Resp: 1172995

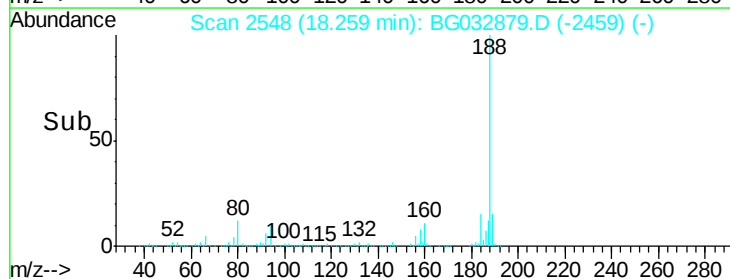
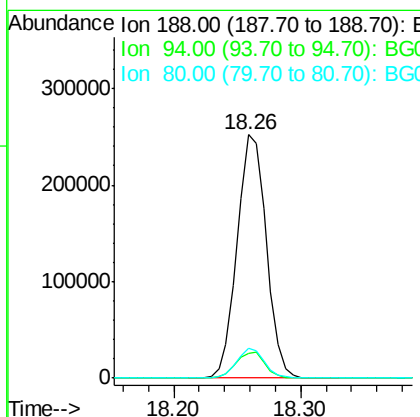
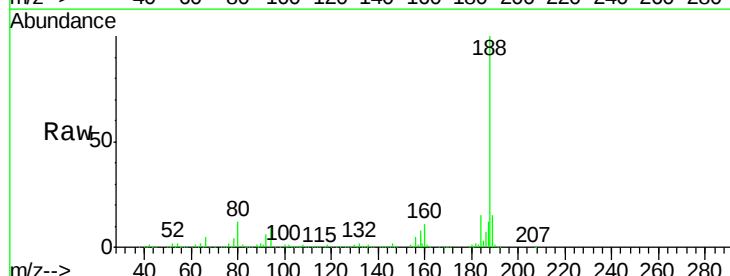
Ion	Ratio	Lower	Upper
172	100		
171	40.1	30.0	45.0
170	26.0	19.5	29.3

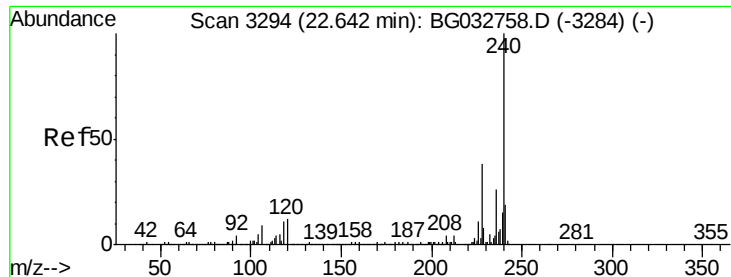


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG032879.D
 Acq: 28 Feb 2018 7:09

Tgt Ion:188 Resp: 402097

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	12.4	7.7	11.5

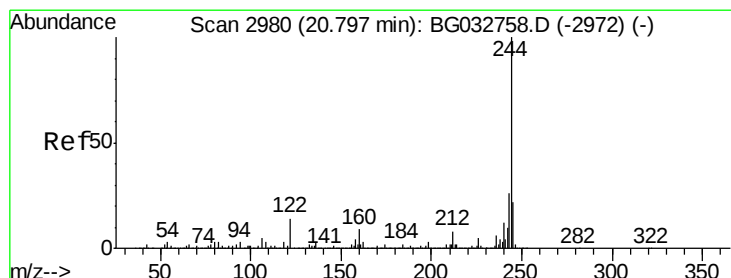
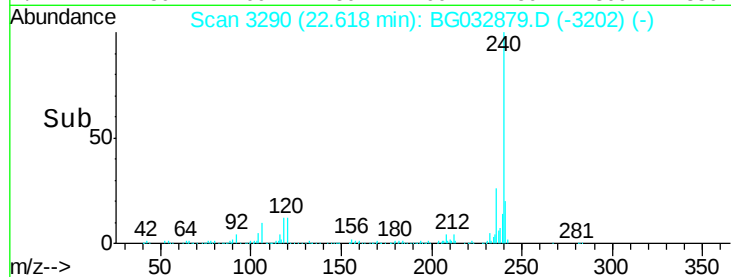
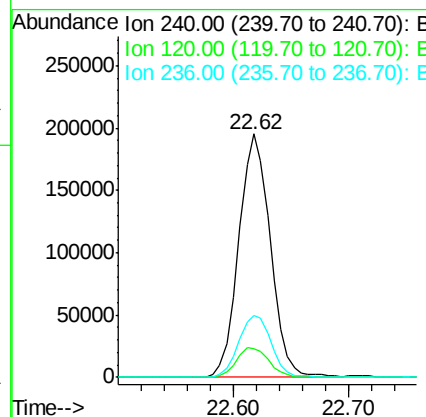
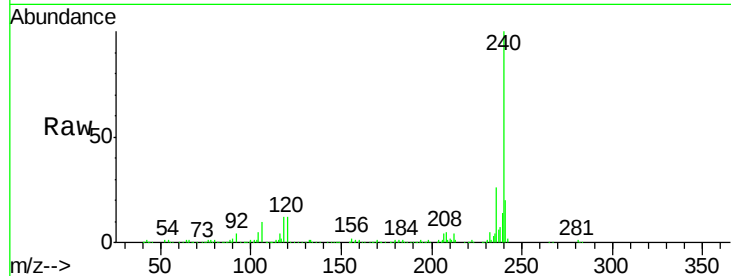




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.01 min
 Lab File: BG032879.D
 Acq: 28 Feb 2018 7:09

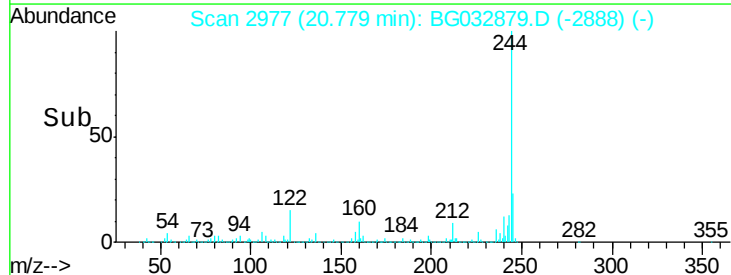
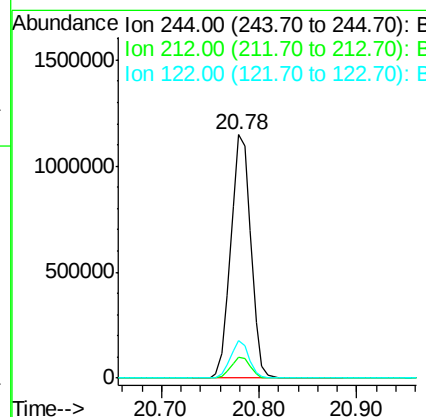
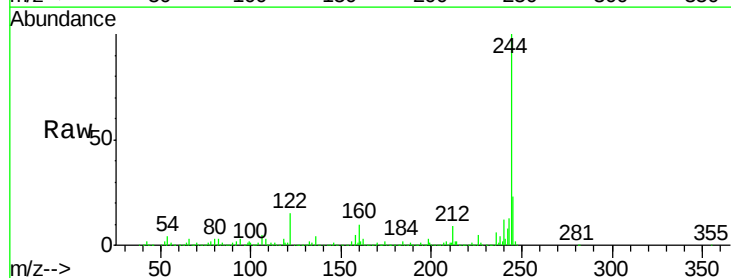
Instrument :
 BNA_G
 ClientSampled :
 B1

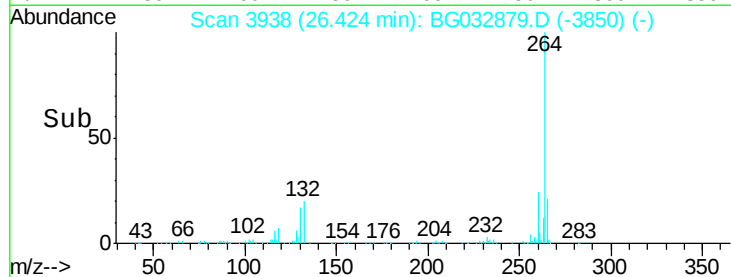
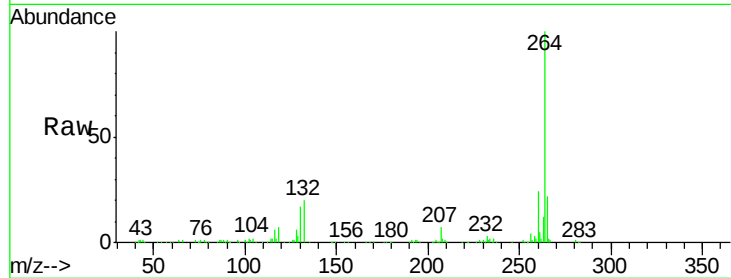
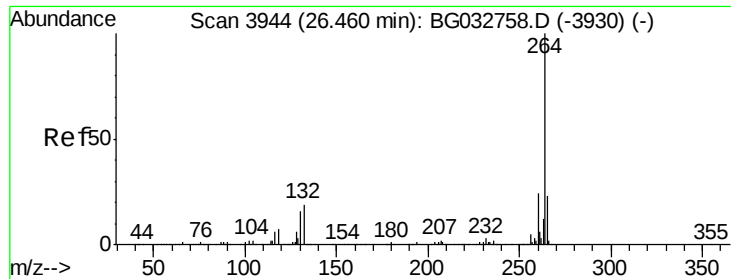
Tot Ion:240 Resp: 369717
 Ion Ratio Lower Upper
 240 100
 120 12.0 6.8 10.2#
 236 25.6 20.9 31.3



#78
 Terphenyl-d14
 Concen: 99.374 ng
 RT: 20.78 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BG032879.D
 Acq: 28 Feb 2018 7:09

Tgt Ion:244 Resp: 1635283
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 15.4 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3938
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :
B1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.7	17.7	26.5

