

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032799.D
 Acq On : 23 Feb 2018 20:49
 Operator : SJ/JU
 Sample : J1648-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124031-RO124035

Quant Time: Feb 23 22:06:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

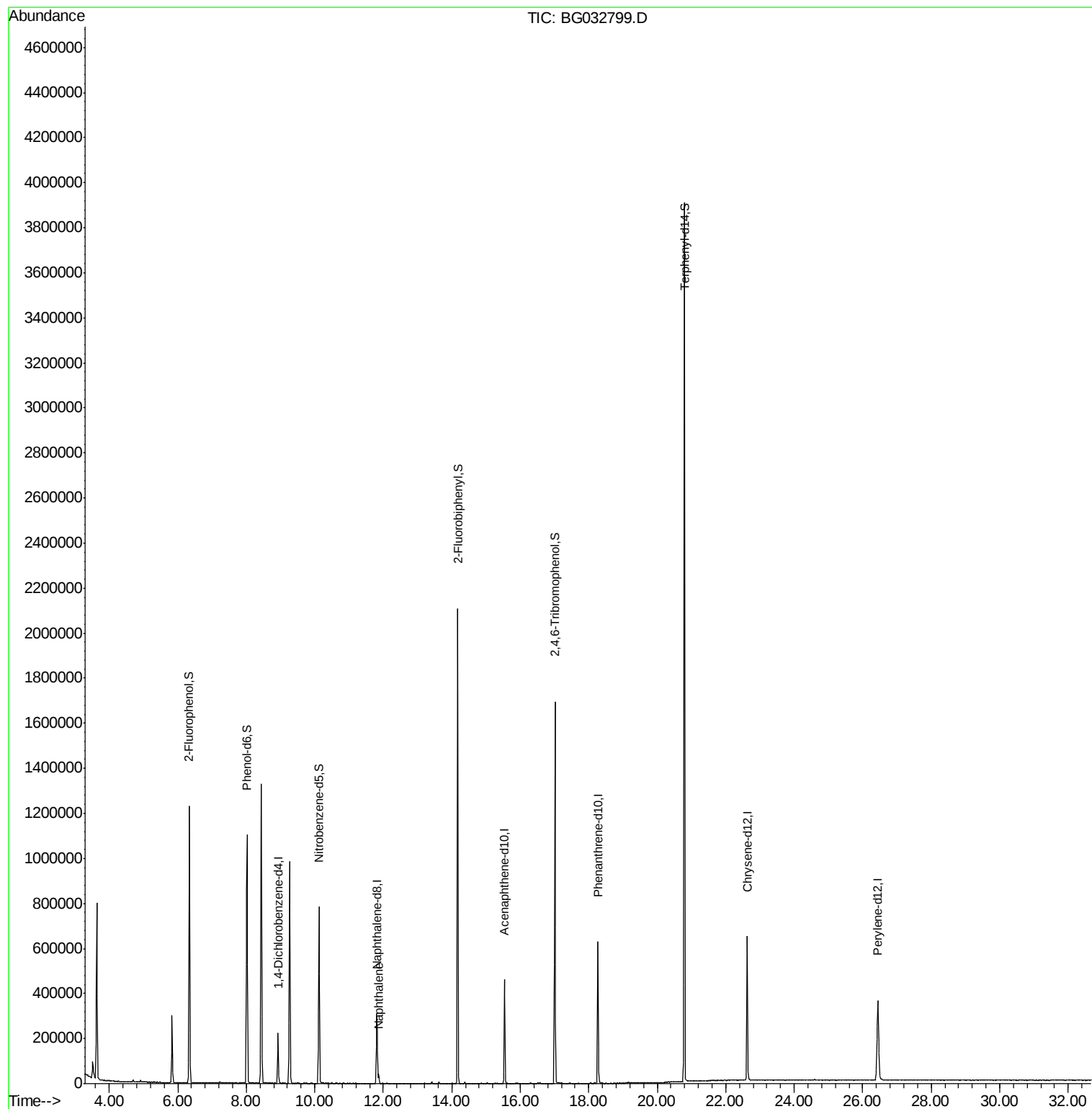
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	67641	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	286257	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	157811	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	395710	20.00	ng	0.00
75) Chrysene-d12	22.63	240	404341	20.00	ng	0.00
86) Perylene-d12	26.44	264	426911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	615919	145.68	ng	0.00
7) Phenol-d6	8.02	99	732088	124.23	ng	0.00
23) Nitrobenzene-d5	10.12	82	494183	115.74	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	302585	182.35	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1079756	98.68	ng	0.00
78) Terphenyl-d14	20.79	244	1835058	101.97	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	39990	2.67	ng	Qvalue 97

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

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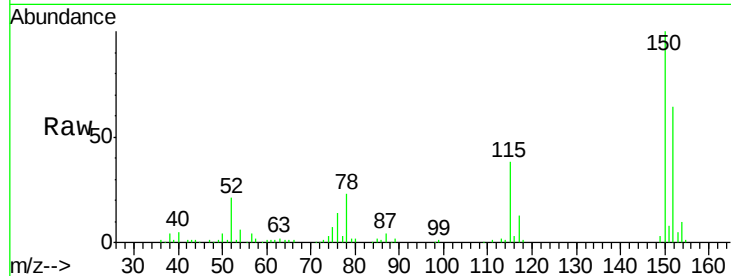


#1

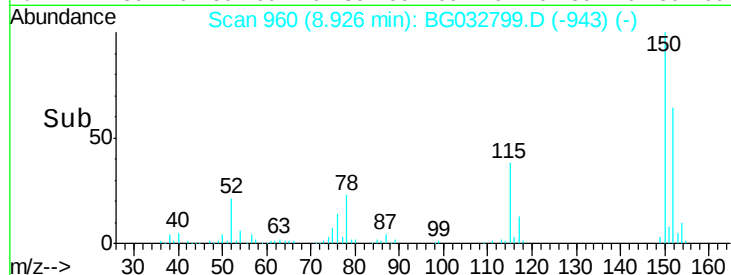
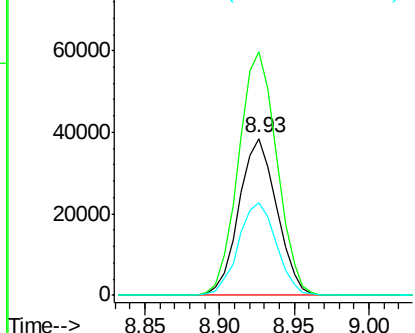
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032799.D
Acq: 23 Feb 2018 20:49

Instrument :
BNA_G
ClientSampleId :
RO-124031-RO124035

Tot Ion:152 Resp: 67641
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 59.0 53.0 79.4



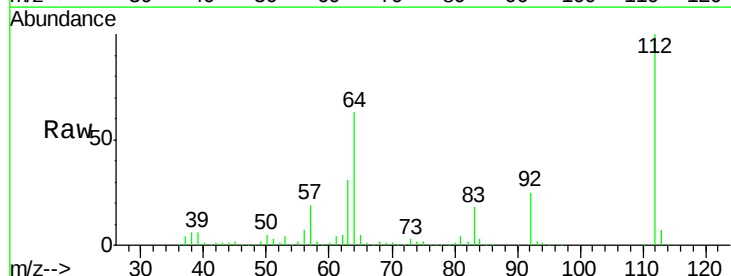
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



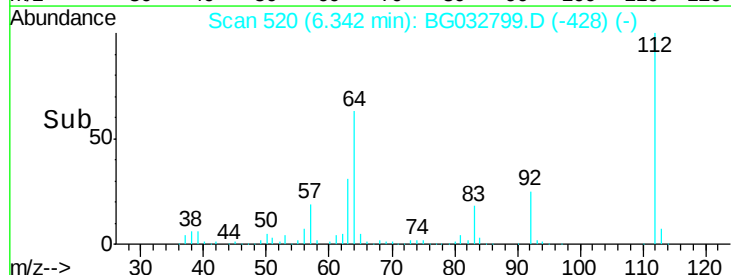
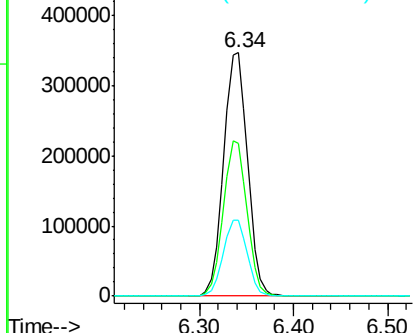
#5

2-Fluorophenol
Concen: 145.68 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.01 min
Lab File: BG032799.D
Acq: 23 Feb 2018 20:49

Tgt Ion:112 Resp: 615919
Ion Ratio Lower Upper
112 100
64 62.9 56.3 84.5
63 31.0 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: 124.23 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG032799.D

Acq: 23 Feb 2018 20:49

Instrument :

BNA_G

ClientSampleId :

RO-124031-RO124035

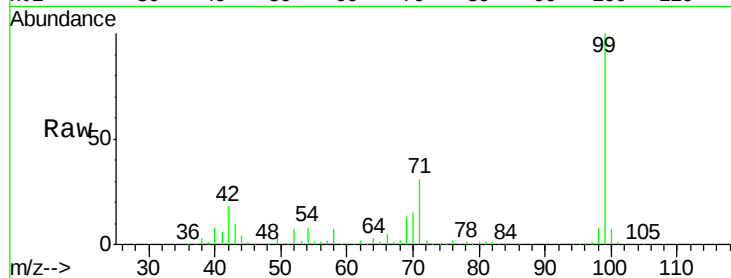
Tot Ion: 99 Resp: 732088

Ion Ratio Lower Upper

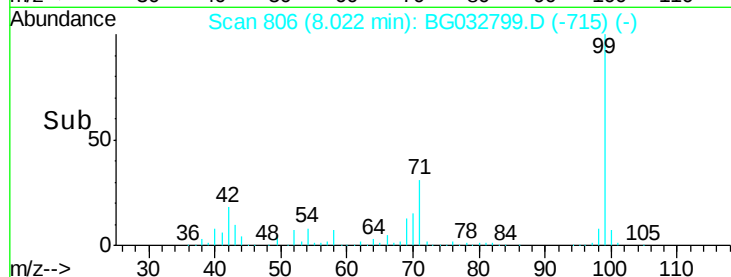
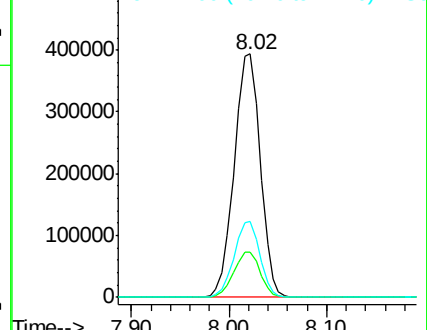
99 100

42 18.4 14.1 21.1

71 31.0 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: 20.00 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032799.D

Acq: 23 Feb 2018 20:49

Tgt Ion: 136 Resp: 286257

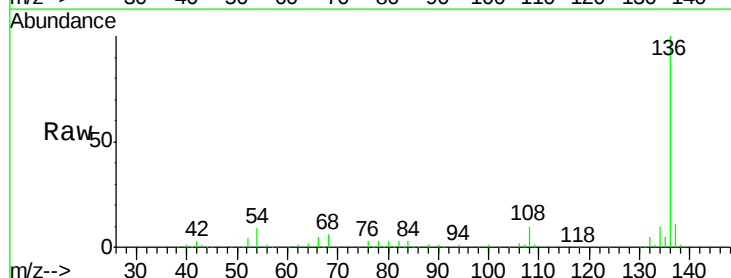
Ion Ratio Lower Upper

136 100

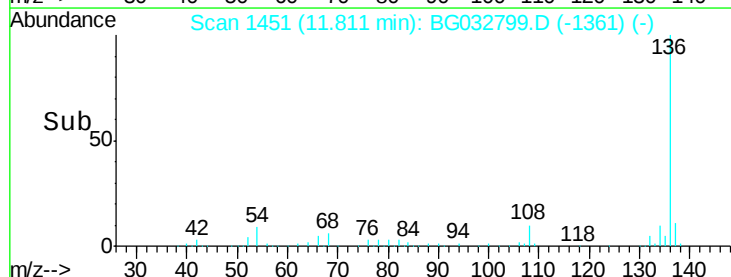
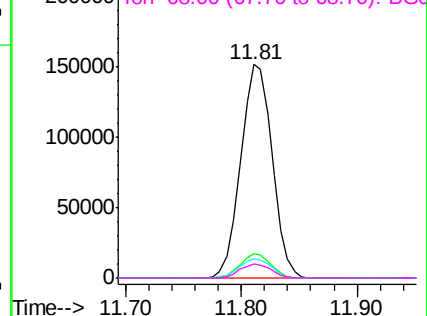
137 11.4 9.2 13.8

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

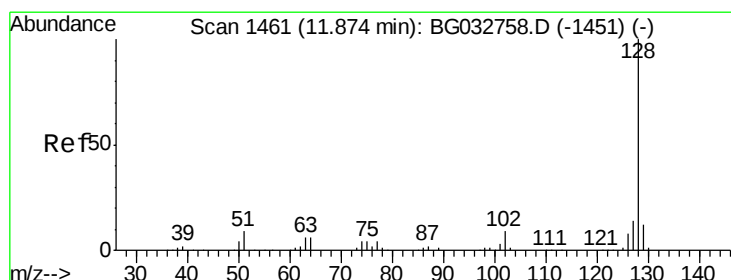
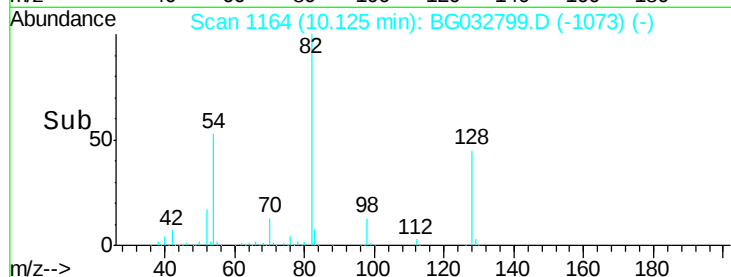
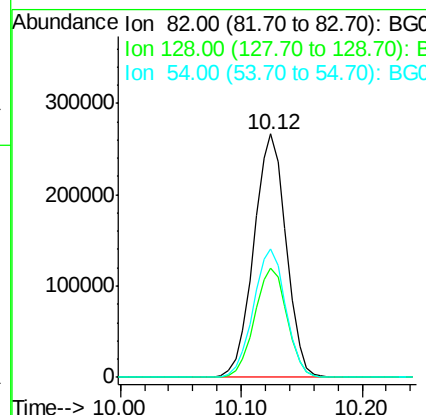
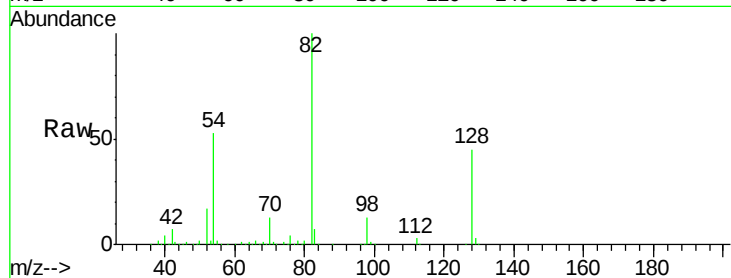




#23
 Nitrobenzene-d5
 Concen: 115.74 ng
 RT: 10.12 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032799.D
 Acq: 23 Feb 2018 20:49

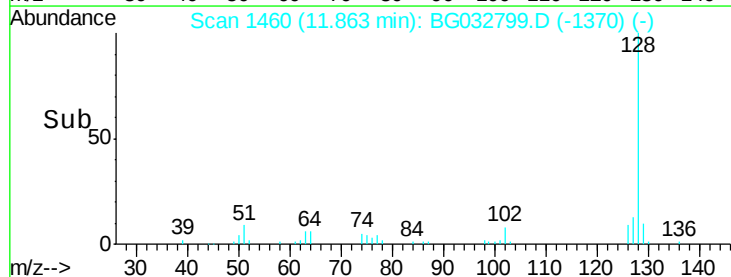
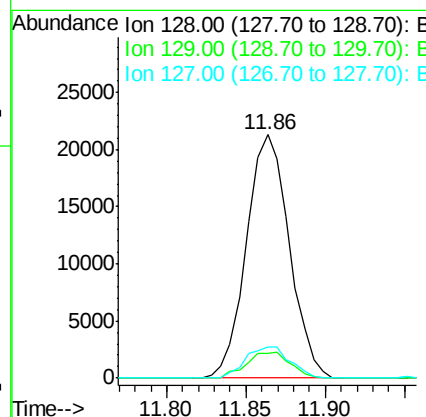
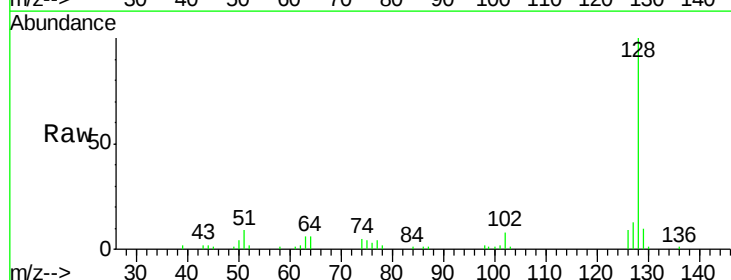
Instrument :
 BNA_G
 ClientSampleId :
 RO-124031-RO124035

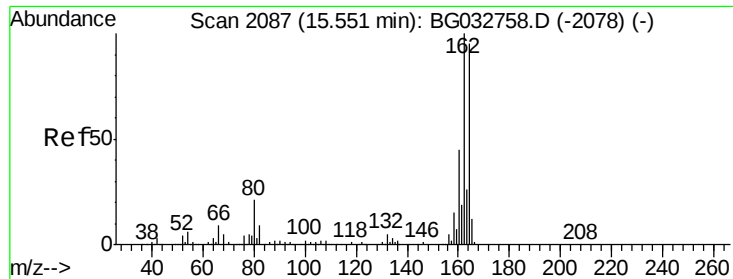
Tot Ion	82	Resp	494183
Ion Ratio	Lower	Upper	
82	100		
128	44.8	29.7	44.5#
54	52.7	43.1	64.7



#31
 Naphthalene
 Concen: 2.67 ng
 RT: 11.86 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BG032799.D
 Acq: 23 Feb 2018 20:49

Tgt Ion	128	Resp	39990
Ion Ratio	Lower	Upper	
128	100		
129	10.1	8.6	12.8
127	13.0	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG032799.D

Acq: 23 Feb 2018 20:49

Instrument :

BNA_G

ClientSampleId :

RO-124031-RO124035

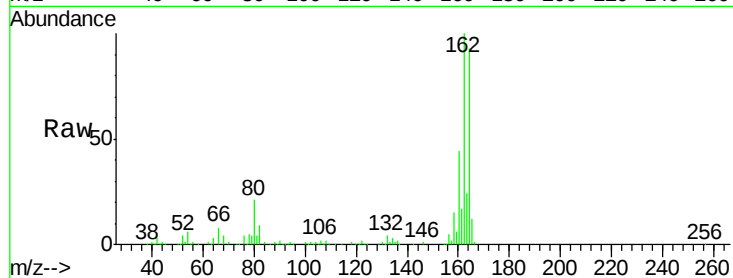
Tot Ion:164 Resp: 157811

Ion Ratio Lower Upper

164 100

162 107.8 78.8 118.2

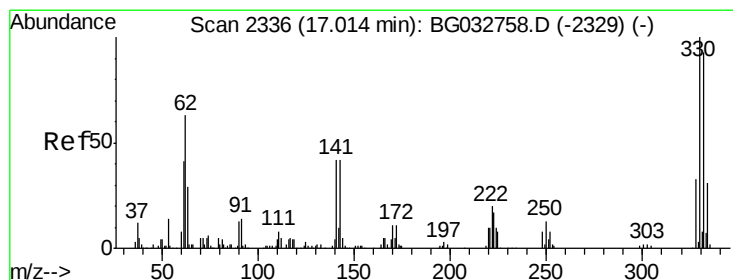
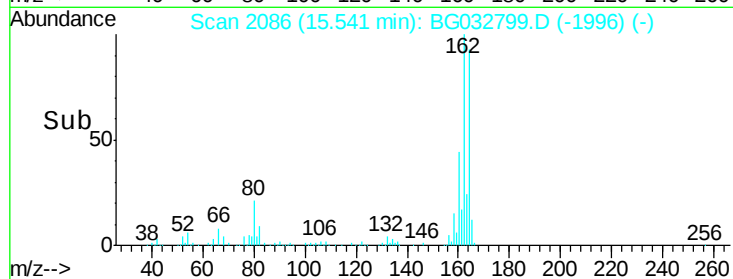
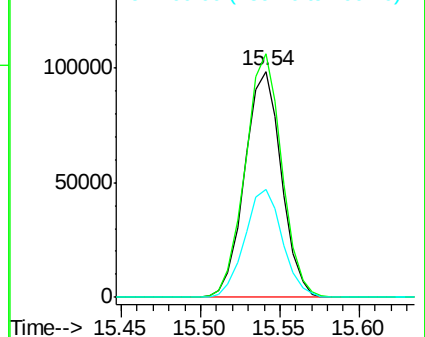
160 47.8 35.4 53.0



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: 182.35 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032799.D

Acq: 23 Feb 2018 20:49

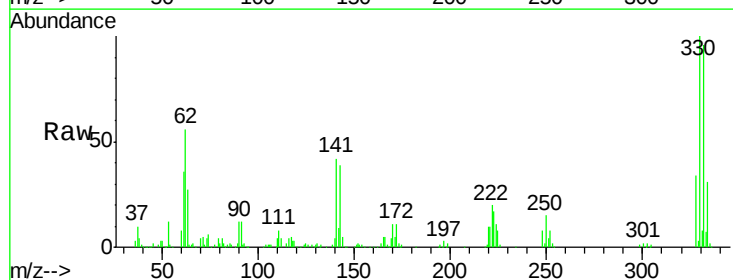
Tgt Ion:330 Resp: 302585

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

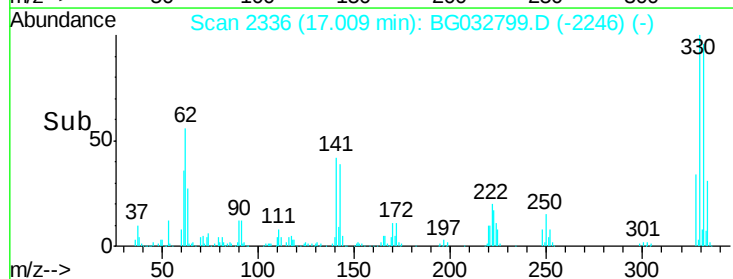
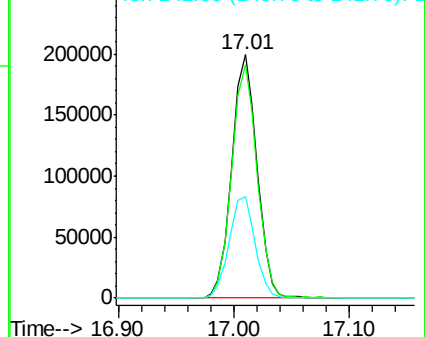
141 43.0 25.2 37.8#



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

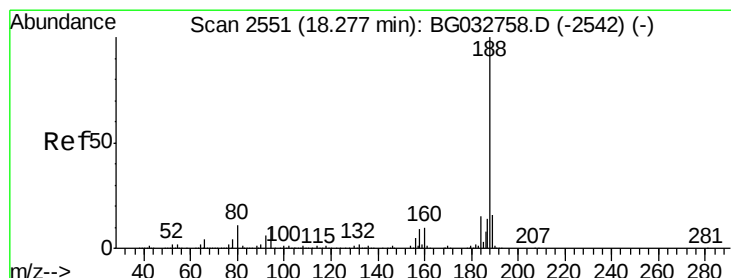
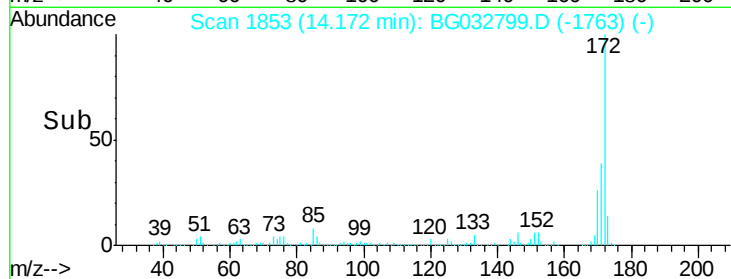
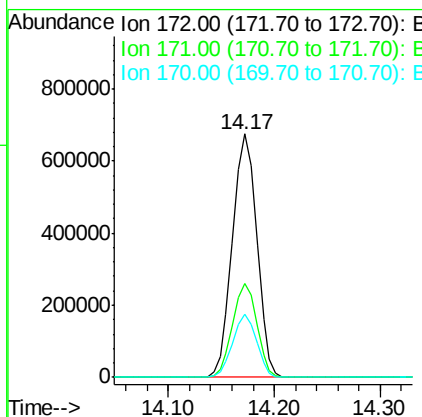
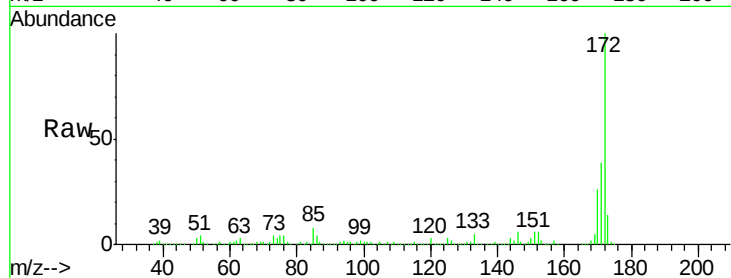




#44
2-Fluorobiphenyl
Concen: 98.68 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG032799.D
Acq: 23 Feb 2018 20:49

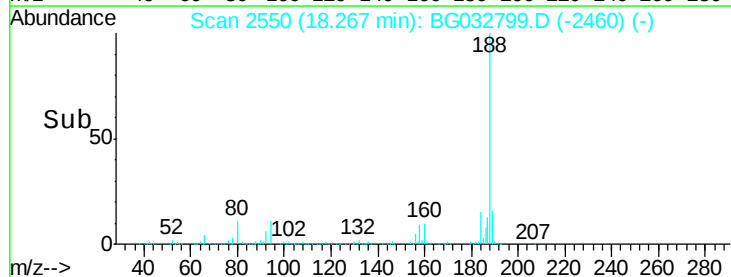
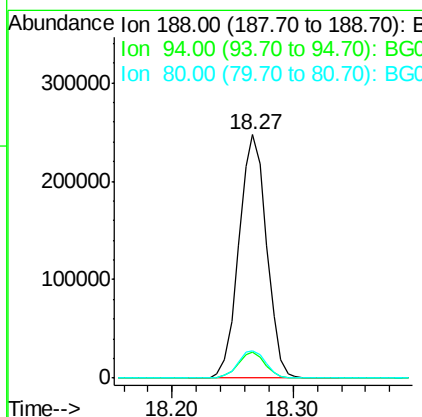
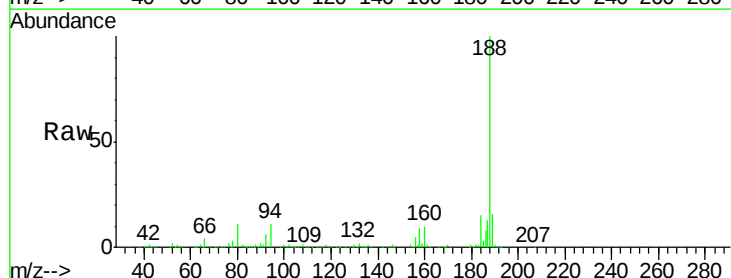
Instrument :
BNA_G
ClientSampleId :
RO-124031-RO124035

Tot Ion:172 Resp: 1079756
Ion Ratio Lower Upper
172 100
171 38.8 30.0 45.0
170 25.9 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032799.D
Acq: 23 Feb 2018 20:49

Tgt Ion:188 Resp: 395710
Ion Ratio Lower Upper
188 100
94 10.7 6.9 10.3#
80 11.2 7.7 11.5

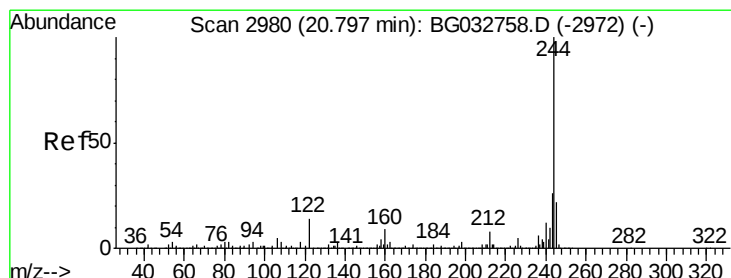
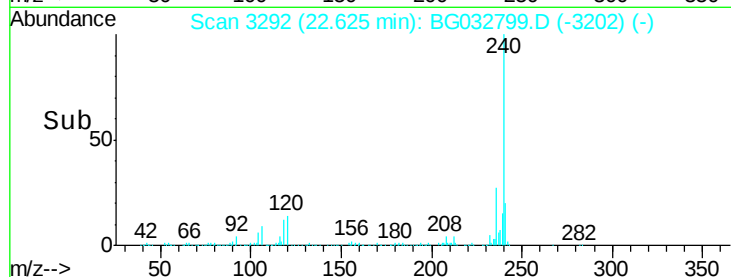
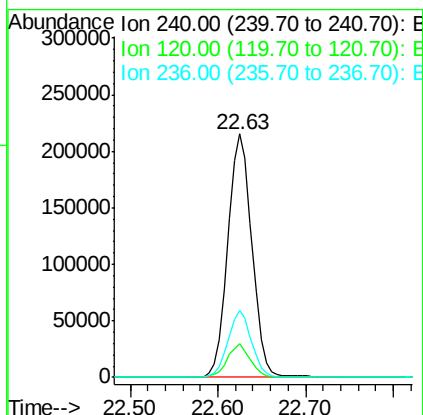
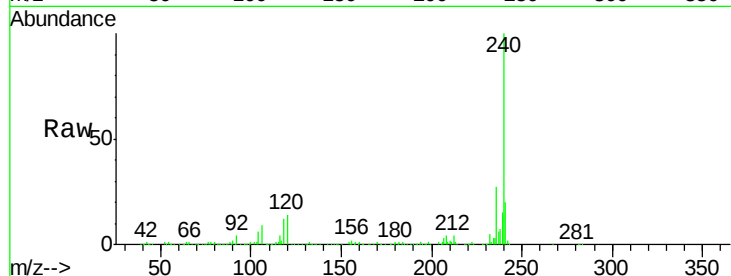




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.00 min
 Lab File: BG032799.D
 Acq: 23 Feb 2018 20:49

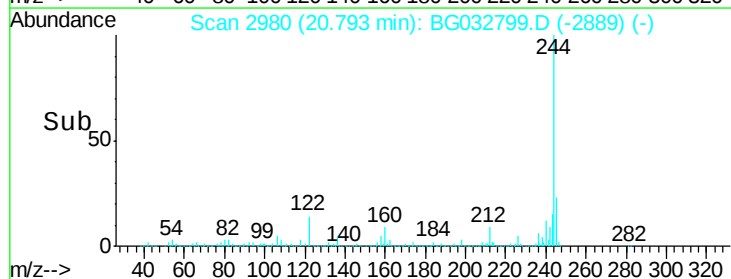
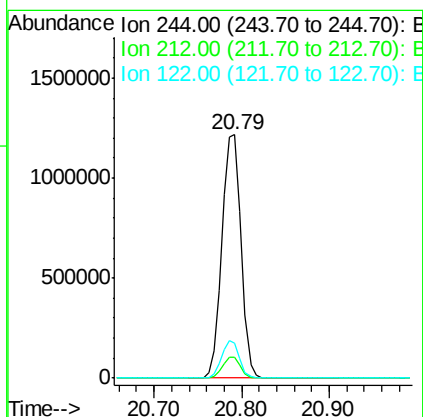
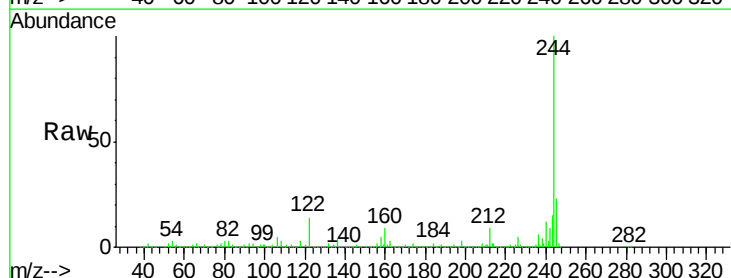
Instrument :
 BNA_G
 ClientSampleId :
 RO-124031-RO124035

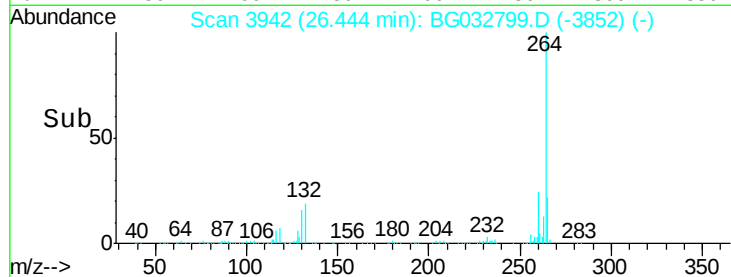
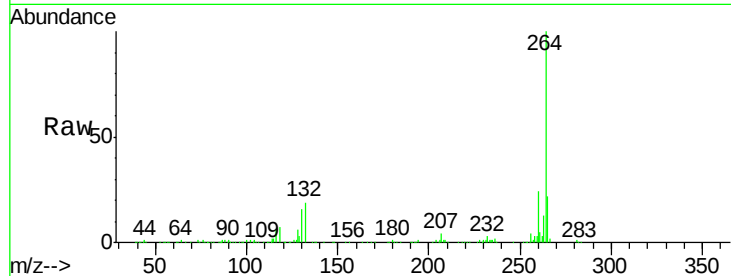
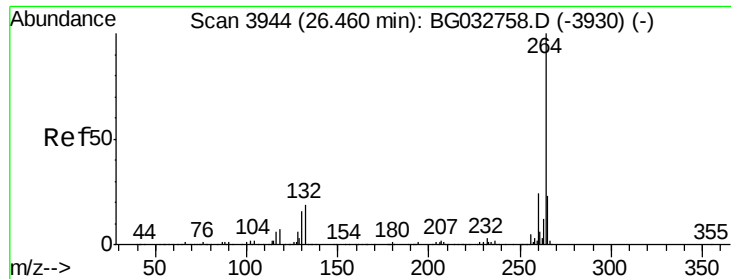
Tot Ion:240 Resp: 404341
 Ion Ratio Lower Upper
 240 100
 120 13.9 6.8 10.2#
 236 27.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 101.97 ng
 RT: 20.79 min Scan# 2980
 Delta R.T. 0.00 min
 Lab File: BG032799.D
 Acq: 23 Feb 2018 20:49

Tgt Ion:244 Resp: 1835058
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 14.4 7.0 10.4#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 26.44 min Scan# 3942

Delta R.T. -0.00 min

Lab File: BG032799.D

Acq: 23 Feb 2018 20:49

Instrument :

BNA_G

ClientSampleId :

RO-124031-RO124035

Tot Ion:264 Resp: 426911

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.7 17.7 26.5

