

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032632.D
 Acq On : 9 Feb 2018 15:49
 Operator : SJ/JU
 Sample : J1512-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-2334

Quant Time: Feb 09 23:34:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

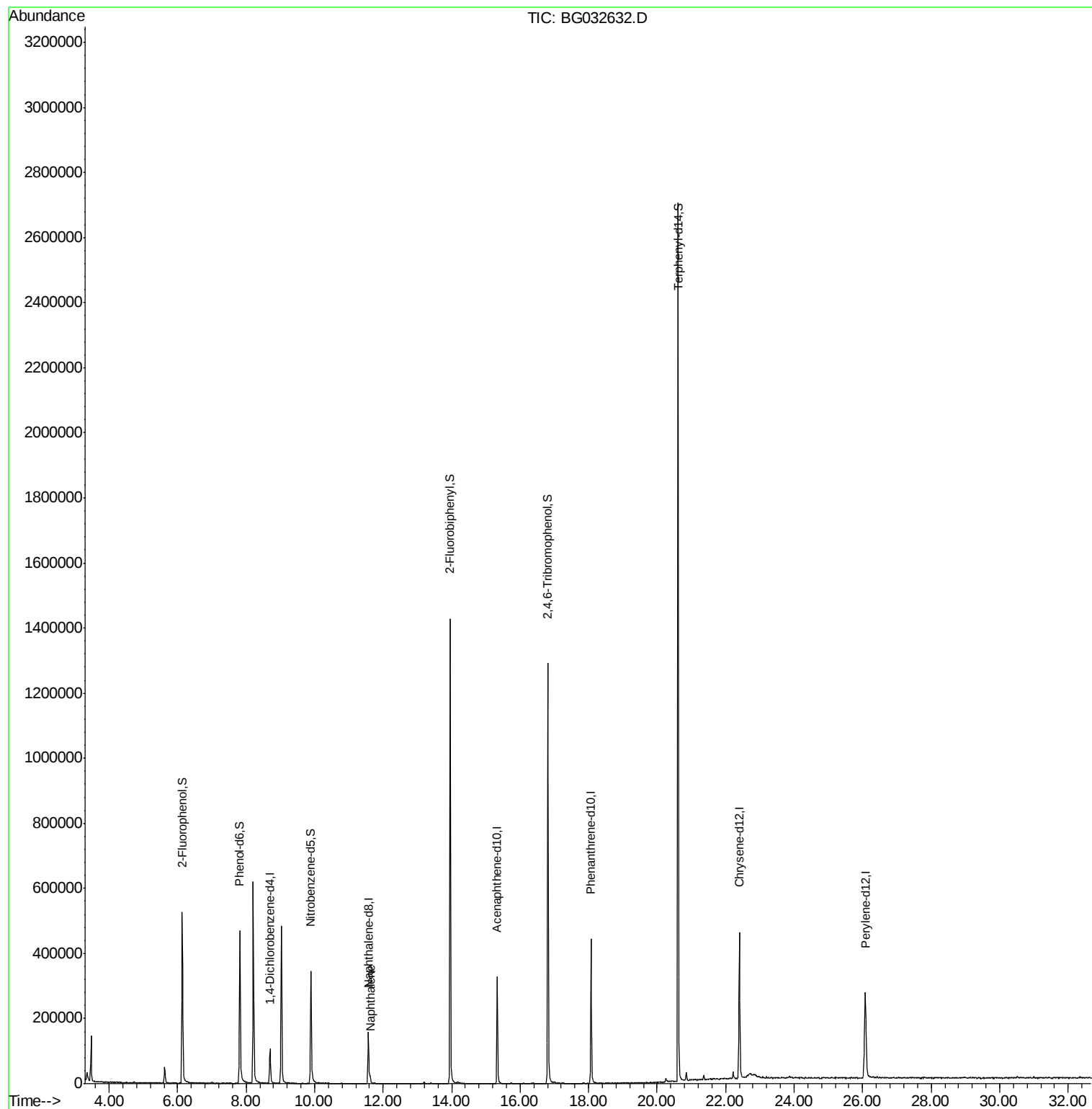
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	38807	20.00	ng	-0.01
21) Naphthalene-d8	11.57	136	161779	20.00	ng	-0.01
38) Acenaphthene-d10	15.33	164	129821	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	341449	20.00	ng	0.00
75) Chrysene-d12	22.40	240	384038	20.00	ng	0.00
86) Perylene-d12	26.08	264	385048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	262452	135.84	ng	0.00
7) Phenol-d6	7.81	99	312771	121.31	ng	0.00
23) Nitrobenzene-d5	9.89	82	241410	93.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	279717	113.19	ng	0.00
44) 2-Fluorobiphenyl	13.95	172	862975	79.01	ng	-0.01
78) Terphenyl-d14	20.61	244	1470625	82.03	ng	0.00
Target Compounds						
31) Naphthalene	11.62	128	19322	2.445	ng	Qvalue # 97

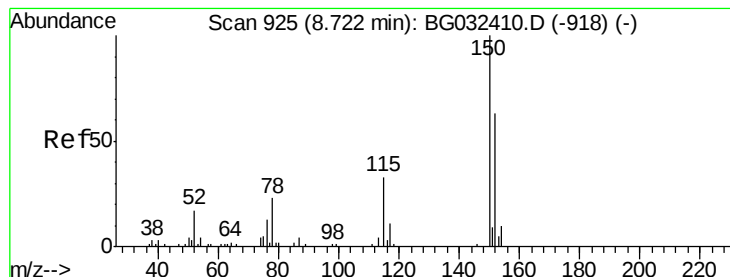
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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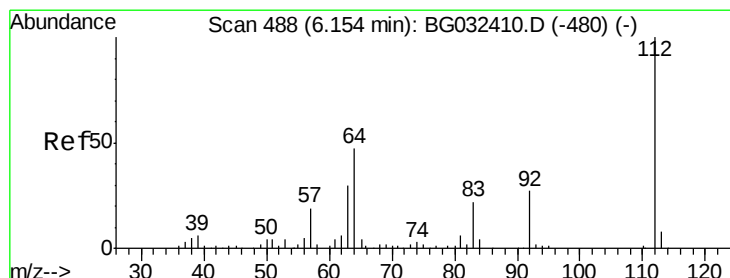
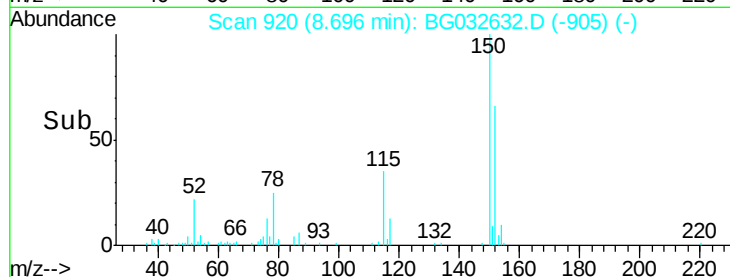
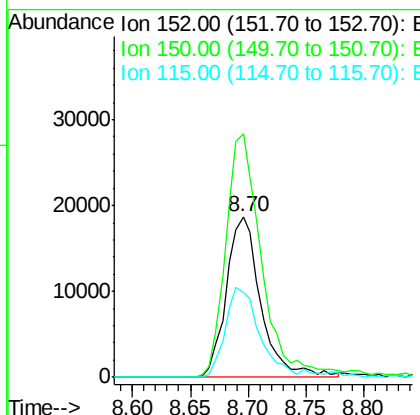
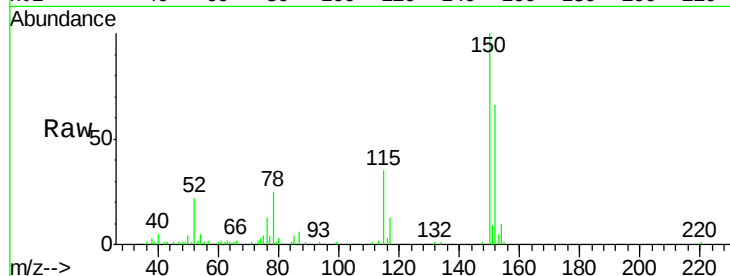


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG032632.D
Acq: 9 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
RO-2334

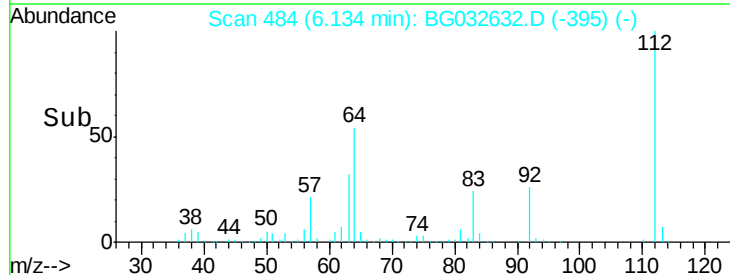
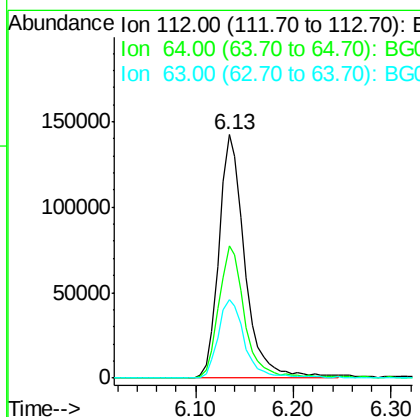
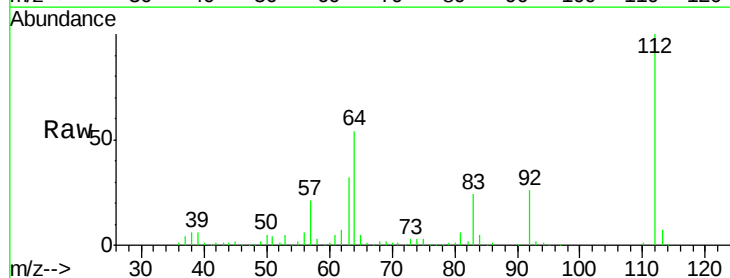
Tot Ion:152 Resp: 38807
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 52.7 53.0 79.4#

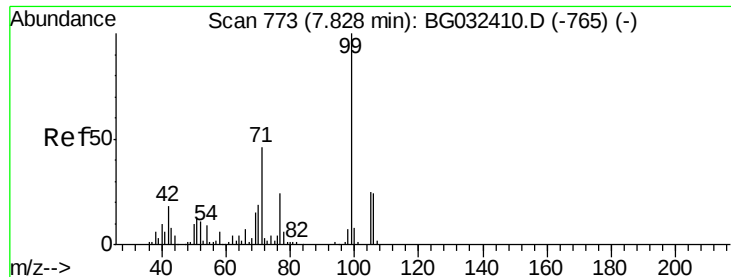


#5

2-Fluorophenol
Concen: 135.839 ng
RT: 6.13 min Scan# 484
Delta R.T. -0.01 min
Lab File: BG032632.D
Acq: 9 Feb 2018 15:49

Tgt Ion:112 Resp: 262452
Ion Ratio Lower Upper
112 100
64 54.3 56.3 84.5#
63 32.2 30.1 45.1





#7

Phenol-d6

Concen: 121.314 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

RO-2334

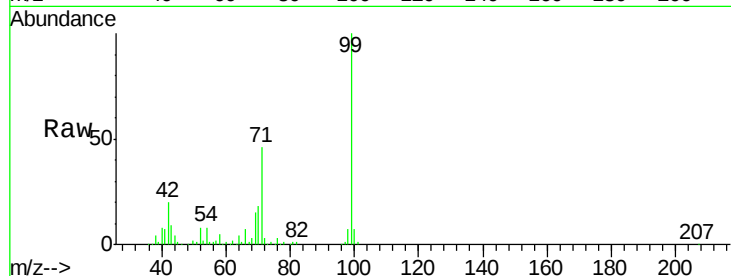
Tot Ion: 99 Resp: 312771

Ion Ratio Lower Upper

99 100

42 20.1 14.1 21.1

71 46.4 26.1 39.1#

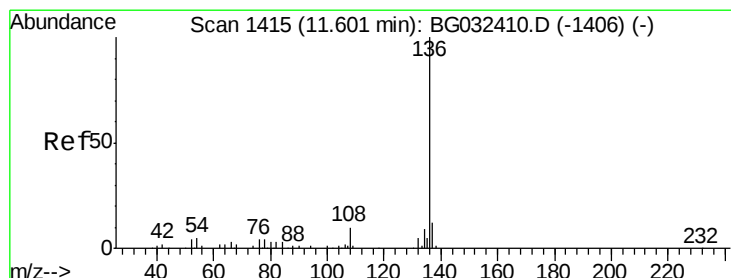
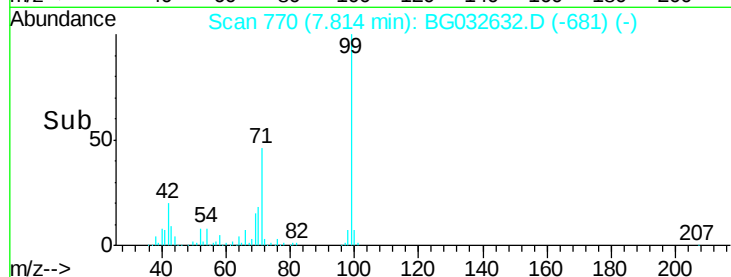
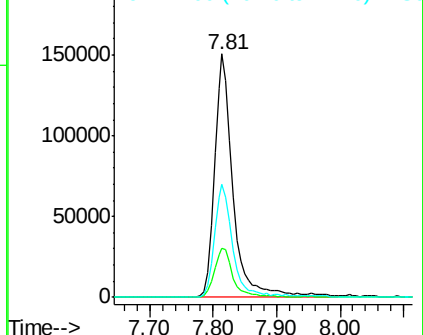


Abundance

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: 11.57 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Tgt Ion: 136 Resp: 161779

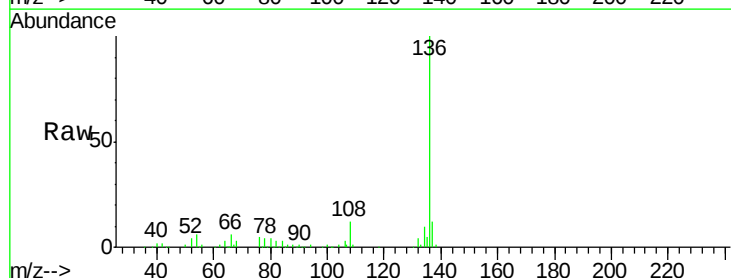
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 6.3 10.3 15.5#

68 3.0 4.5 6.7#



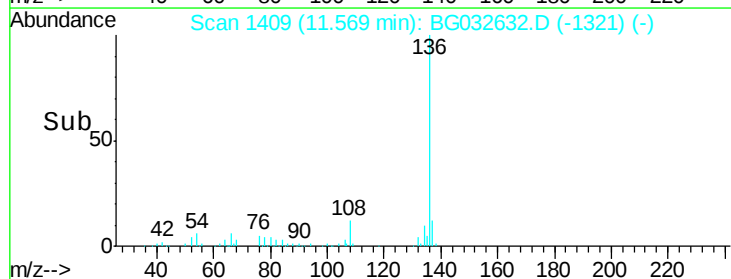
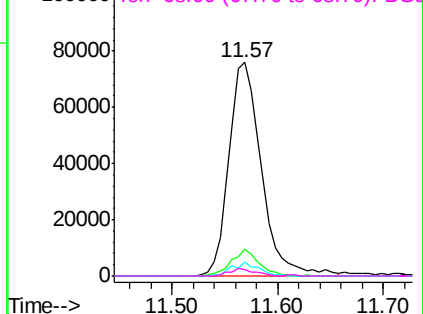
Abundance

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

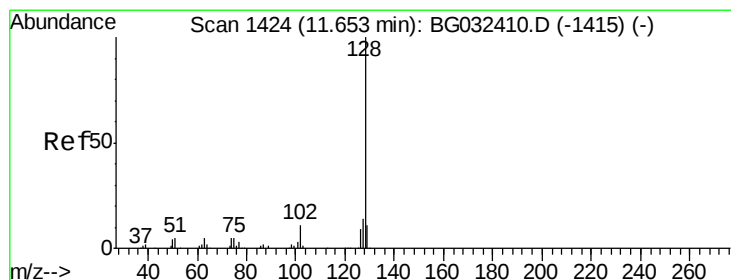
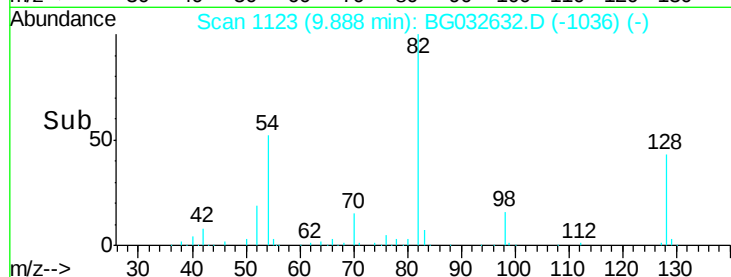
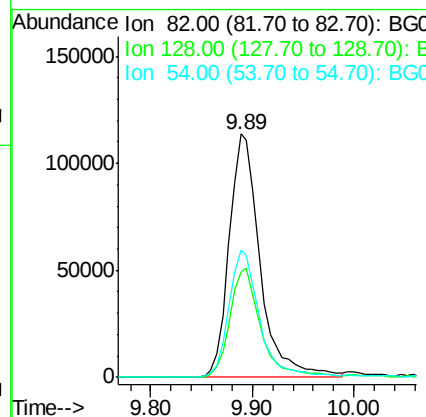
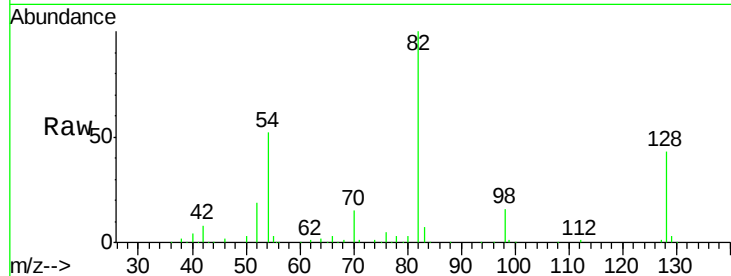




#23
 Nitrobenzene-d5
 Concen: 93.205 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

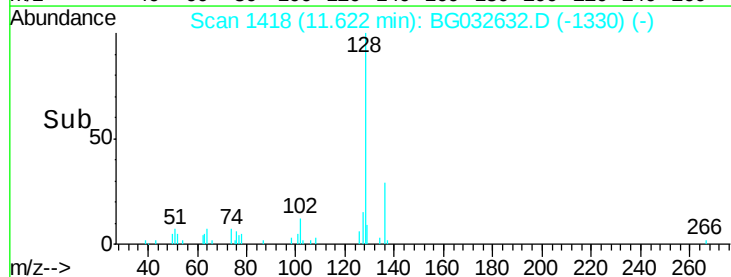
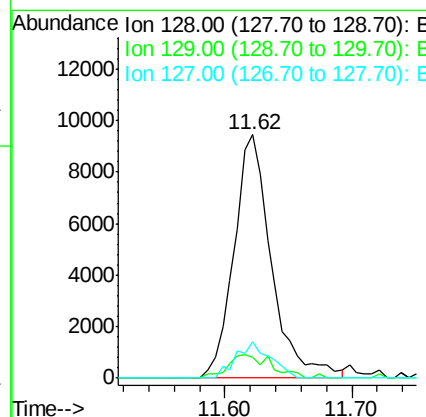
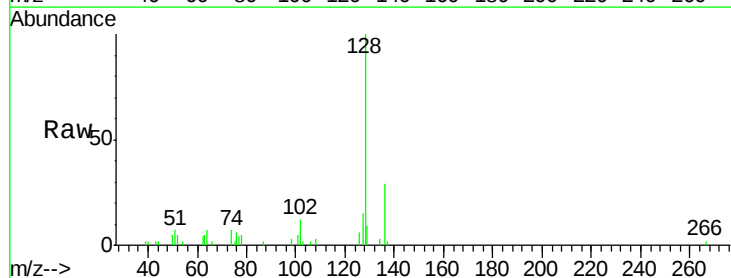
Instrument :
 BNA_G
 ClientSampleId :
 RO-2334

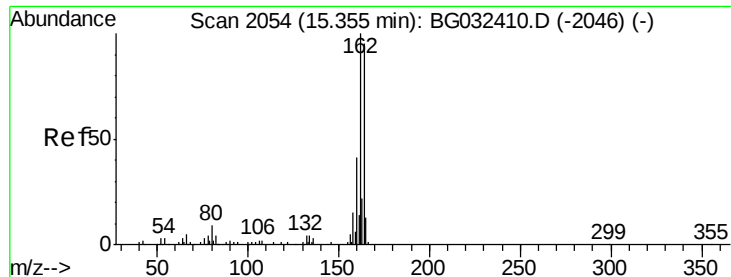
Tot Ion	82	Resp	241410
Ion Ratio	100	Lower	Upper
128	43.4	29.7	44.5
54	52.4	43.1	64.7



#31
 Naphthalene
 Concen: 2.445 ng
 RT: 11.62 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

Tgt Ion	128	Resp	19322
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	8.5	8.6	12.8#
127	14.9	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

RO-2334

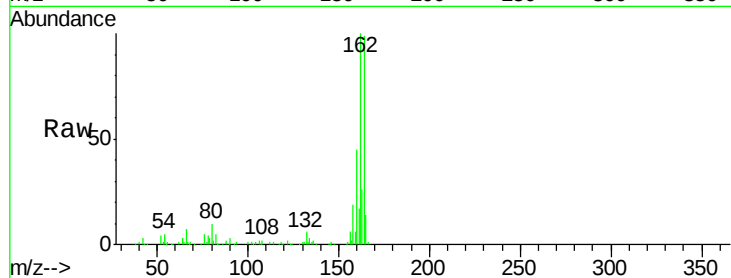
Tot Ion:164 Resp: 129821

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

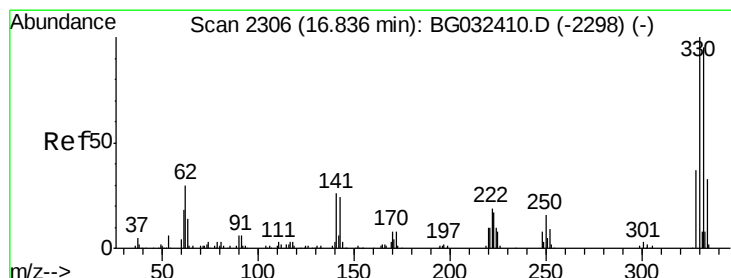
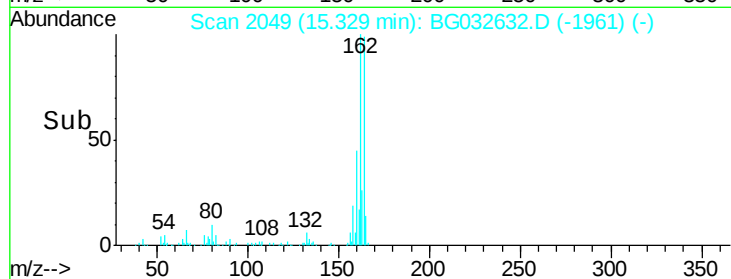
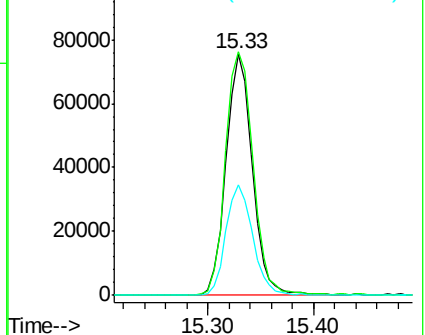
160 45.8 35.4 53.0



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: 113.193 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

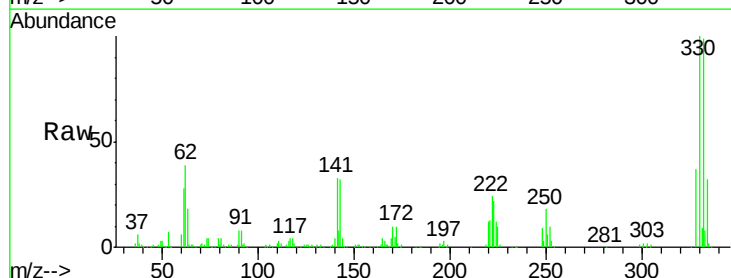
Tgt Ion:330 Resp: 279717

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

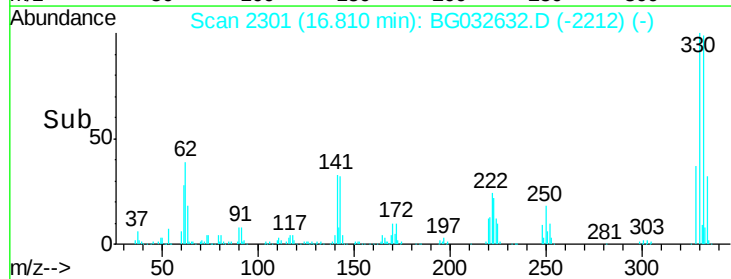
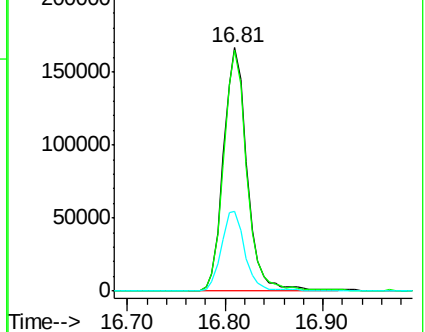
141 32.9 25.2 37.8

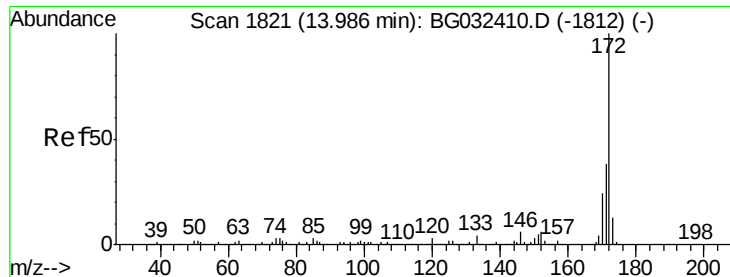


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

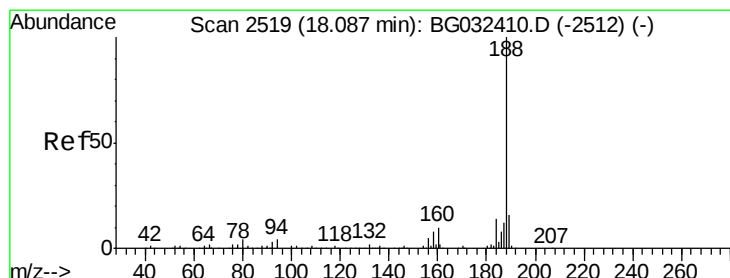
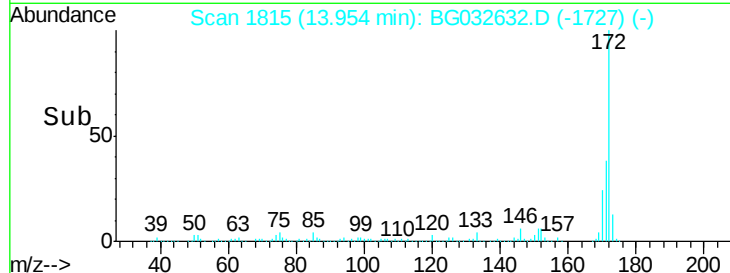
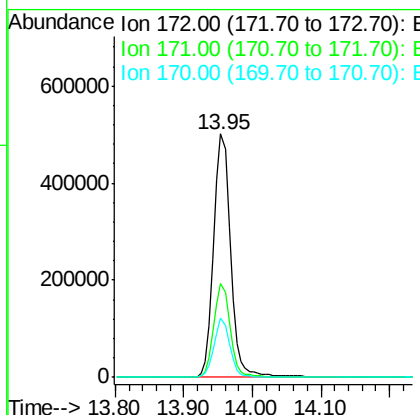
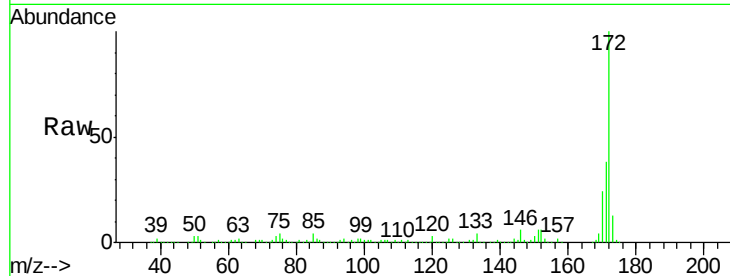




#44
 2-Fluorobiphenyl
 Concen: 79.009 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

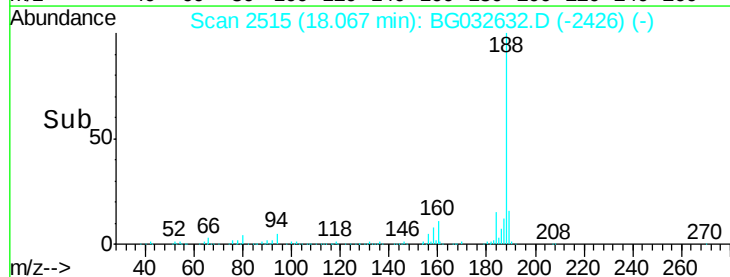
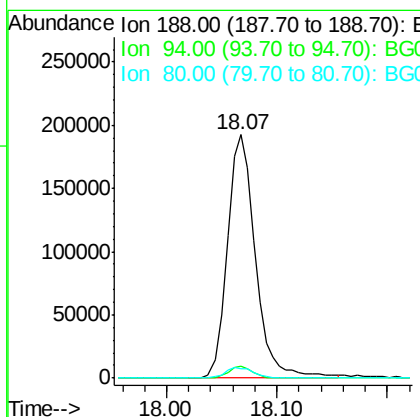
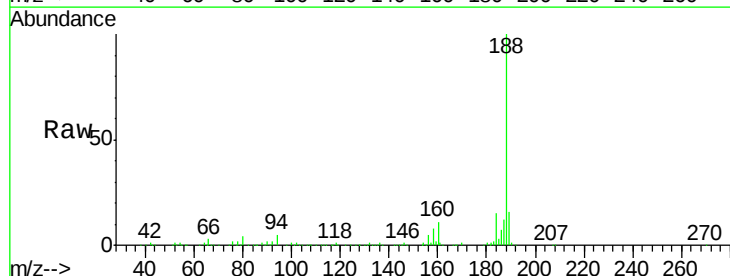
Instrument :
 BNA_G
 ClientSampleId :
 RO-2334

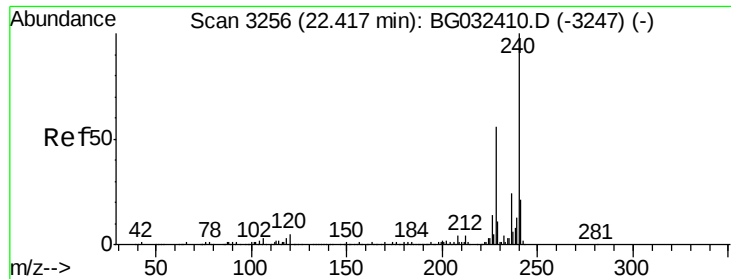
Tot Ion:172 Resp: 862975
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

Tgt Ion:188 Resp: 341449
 Ion Ratio Lower Upper
 188 100
 94 4.7 6.9 10.3#
 80 3.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

RO-2334

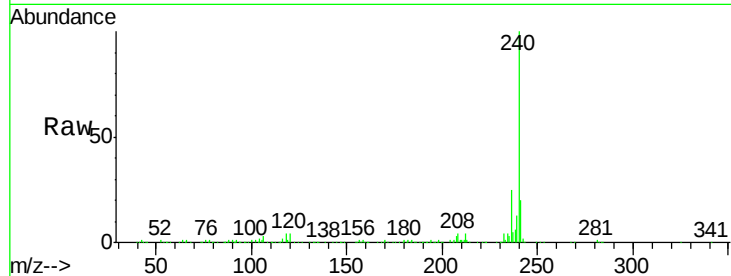
Tot Ion:240 Resp: 384038

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

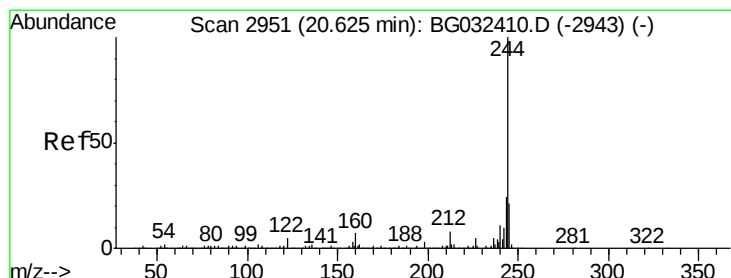
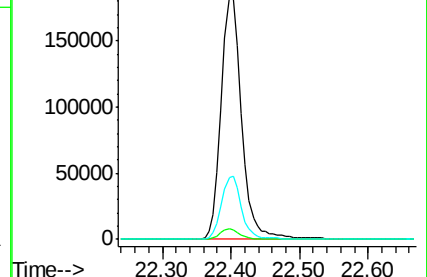
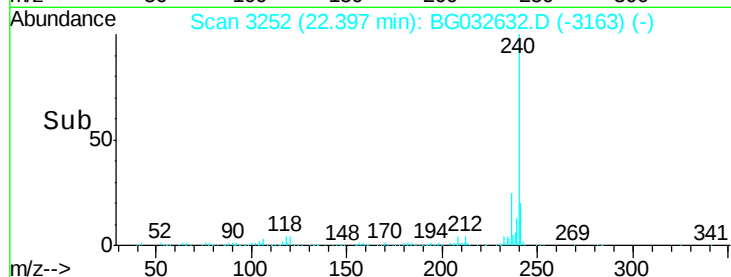
236 25.3 20.9 31.3



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: 82.028 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

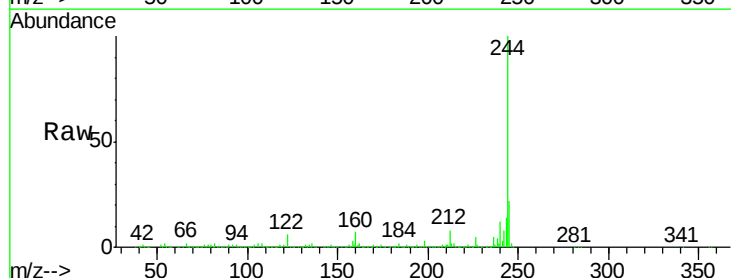
Tgt Ion:244 Resp: 1470625

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

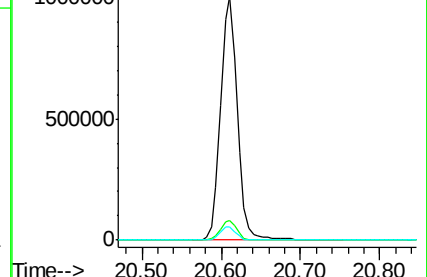
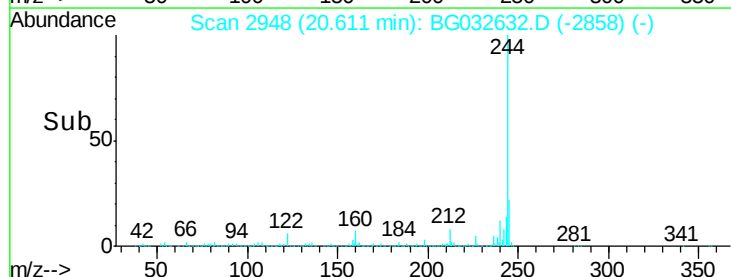
122 5.7 7.0 10.4#

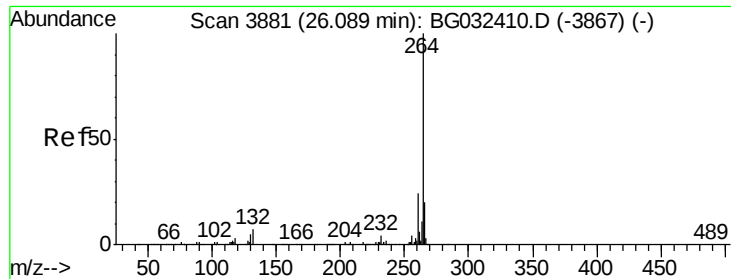


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.08 min Scan# 3878
Delta R.T. 0.01 min
Lab File: BG032632.D
Acq: 9 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
RO-2334

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.2	17.7	26.5

