

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032640.D
 Acq On : 9 Feb 2018 20:50
 Operator : SJ/JU
 Sample : J1512-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-4252

Quant Time: Feb 09 23:57:52 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	8.68	152	29339	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	129621	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	115246	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	317881	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	352398	20.00	ng	-0.01
86) Perylene-d12	26.06	264	350606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	213944	146.47	ng	-0.02
7) Phenol-d6	7.80	99	244894	125.64	ng	-0.02
23) Nitrobenzene-d5	9.88	82	210653	101.51	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	281730	128.43	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	787369	81.20	ng	-0.02
78) Terphenyl-d14	20.60	244	1501564	91.27	ng	-0.01

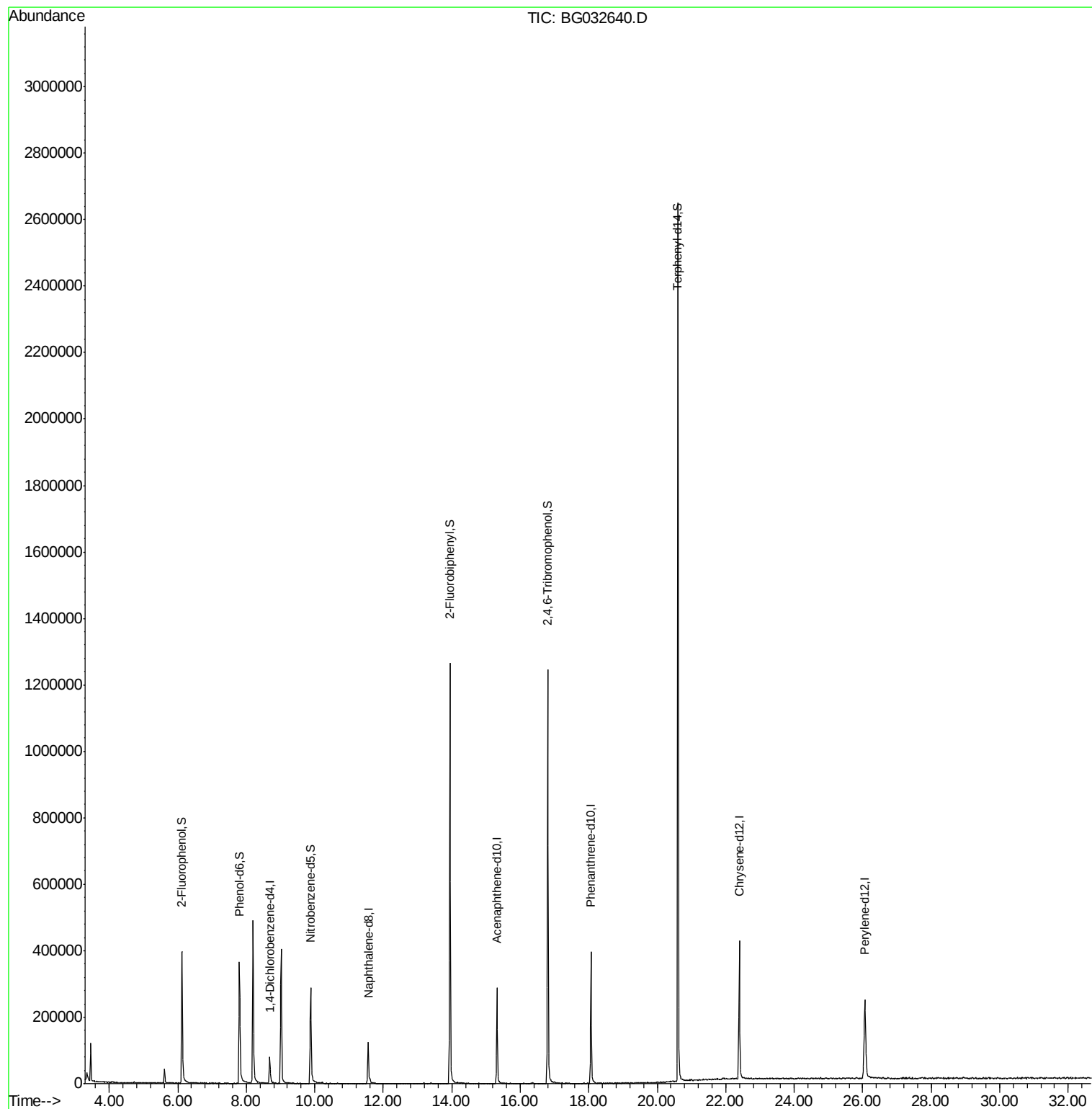
Target Compounds Qvalue

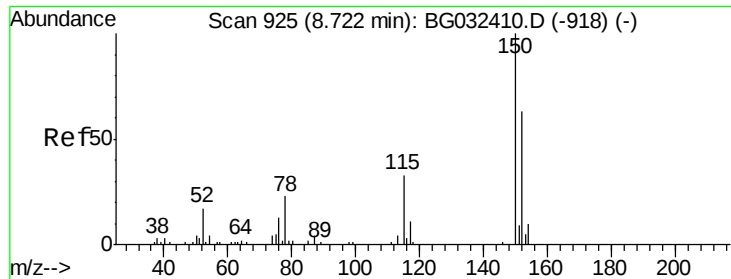
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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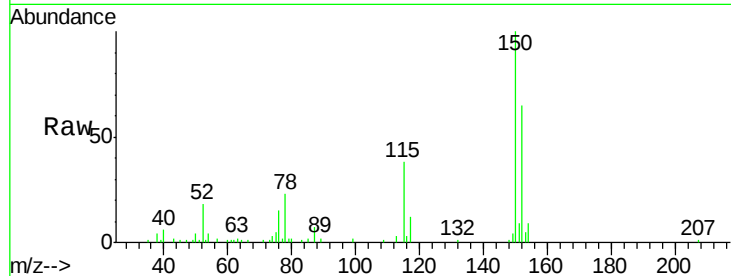


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032640.D
Acq: 9 Feb 2018 20:50

Instrument :
BNA_G
ClientSampleId :
RO-4252

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	57.7	53.0	79.4

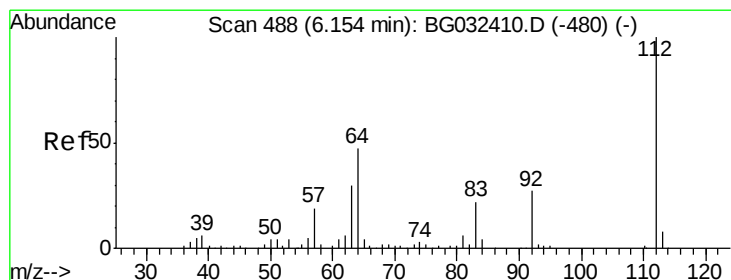
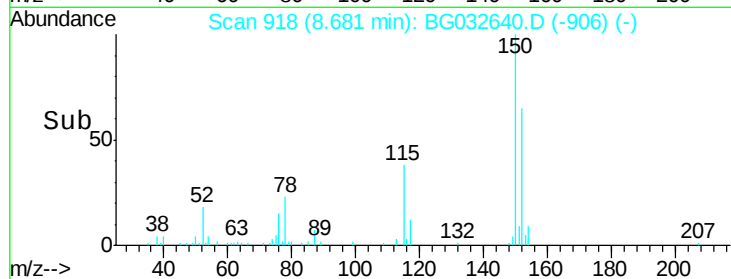
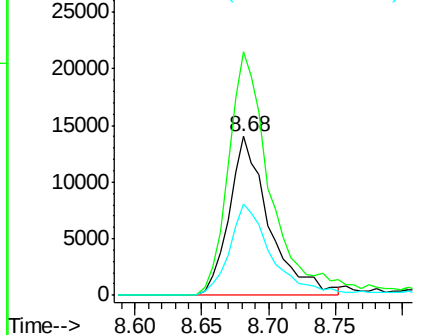


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

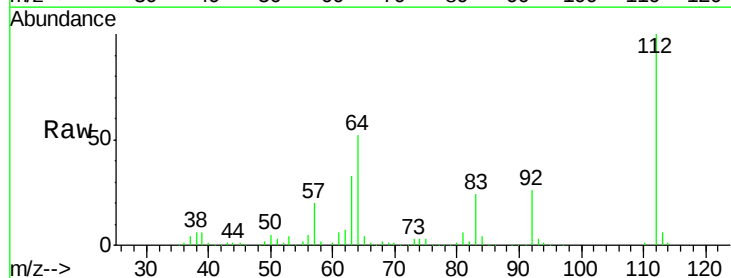
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.467 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032640.D
Acq: 9 Feb 2018 20:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	56.3	84.5#
63	33.0	30.1	45.1

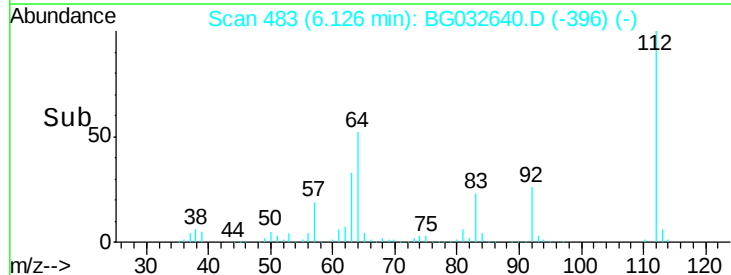
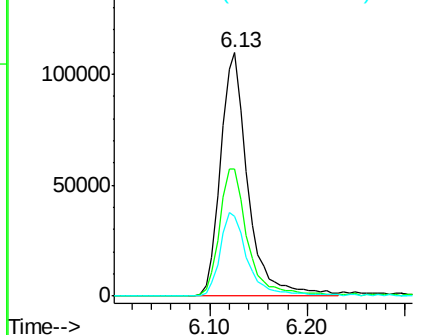


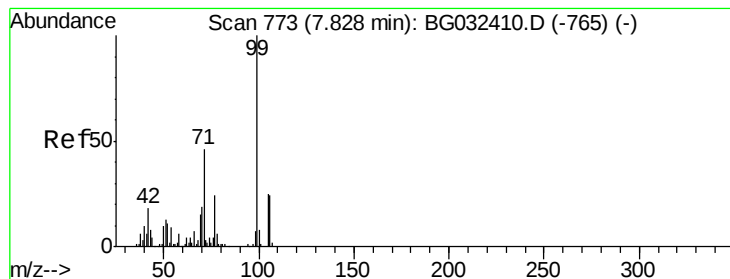
Abundance

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: 125.639 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032640.D

Acq: 9 Feb 2018 20:50

Instrument :

BNA_G

ClientSampleId :

RO-4252

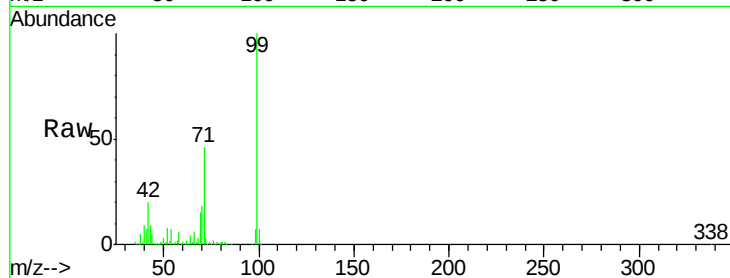
Tot Ion: 99 Resp: 244894

Ion Ratio Lower Upper

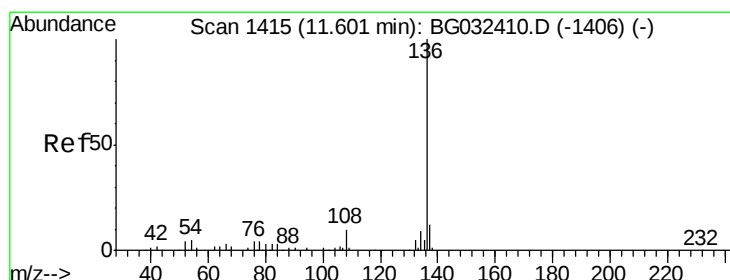
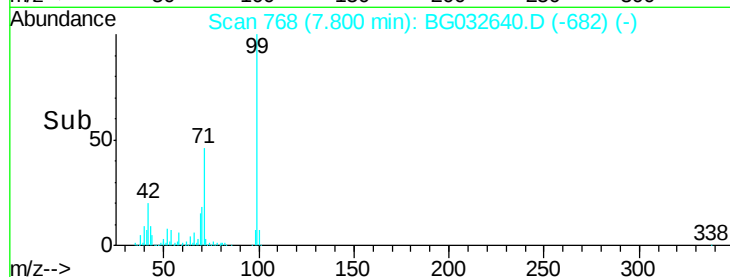
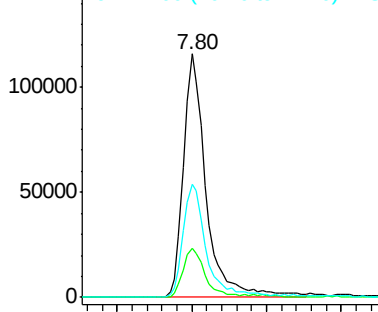
99 100

42 19.9 14.1 21.1

71 46.3 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032640.D

Acq: 9 Feb 2018 20:50

Tgt Ion: 136 Resp: 129621

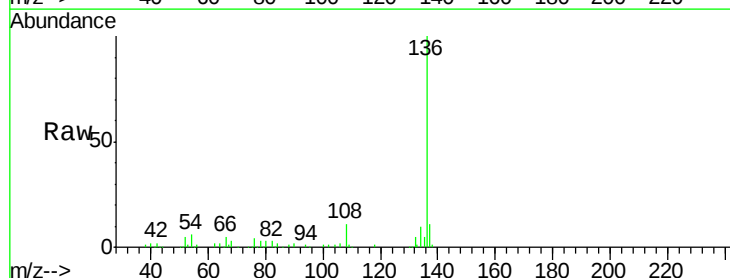
Ion Ratio Lower Upper

136 100

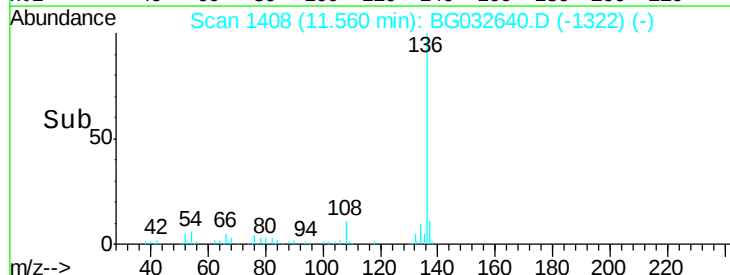
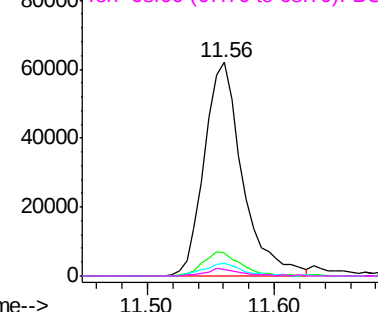
137 10.5 9.2 13.8

54 5.7 10.3 15.5#

68 2.9 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

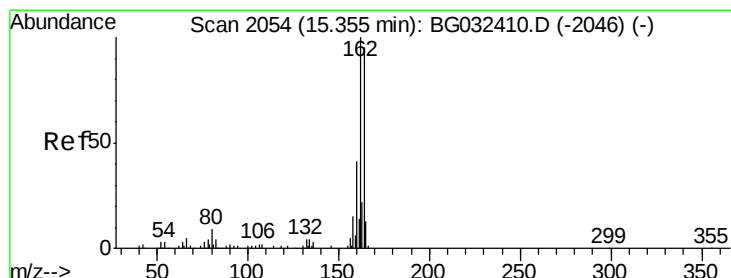
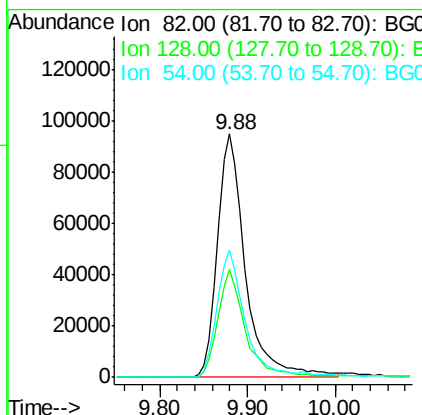
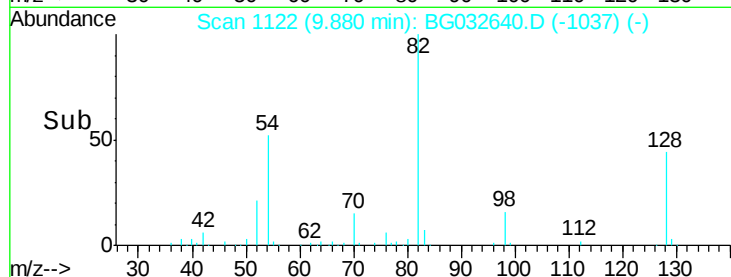
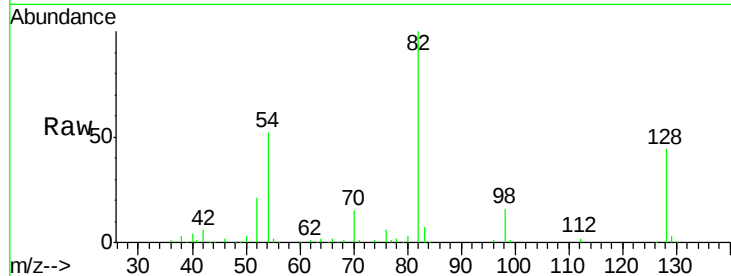




#23
 Nitrobenzene-d5
 Concen: 101.507 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

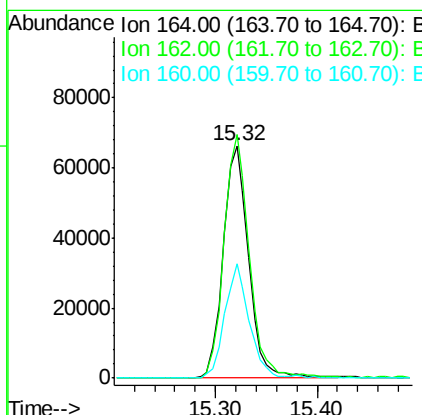
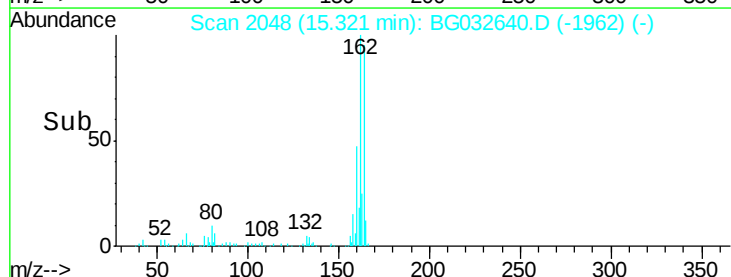
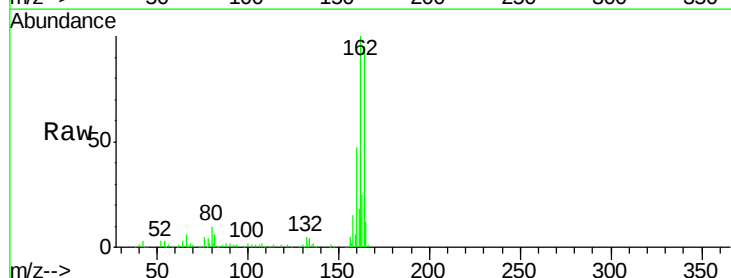
Instrument :
 BNA_G
 ClientSampleId :
 RO-4252

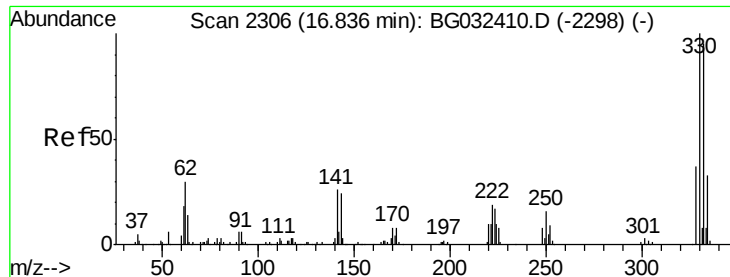
Tot Ion: 82 Resp: 210653
 Ion Ratio Lower Upper
 82 100
 128 44.4 29.7 44.5
 54 52.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion: 164 Resp: 115246
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 49.0 35.4 53.0

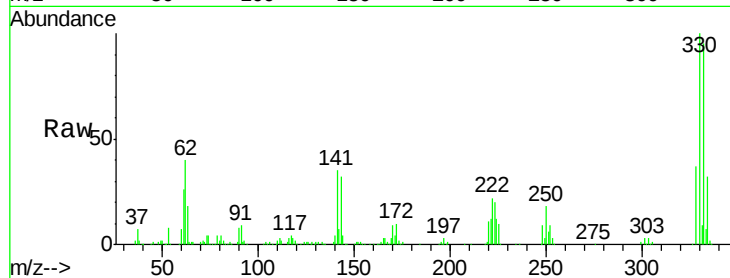




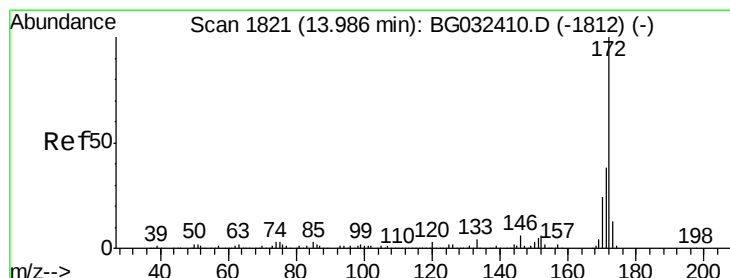
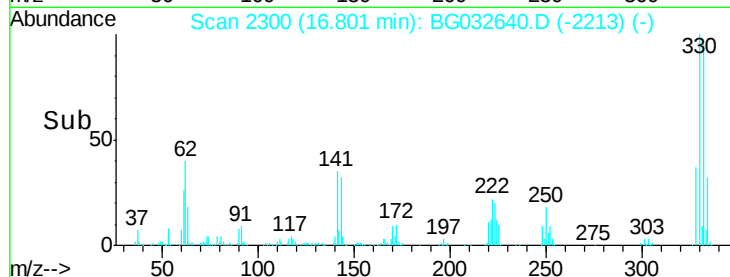
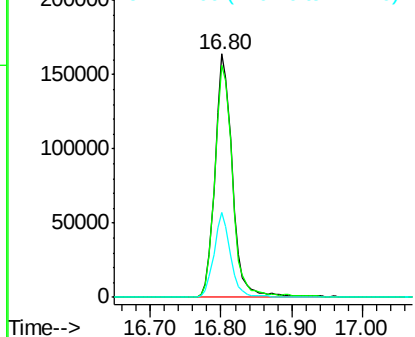
#41
 2,4,6-Tribromophenol
 Concen: 128.426 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 RO-4252

Tot Ion:330 Resp: 281730
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.3 25.2 37.8

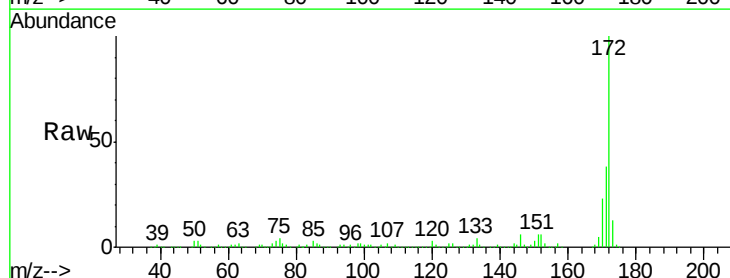


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

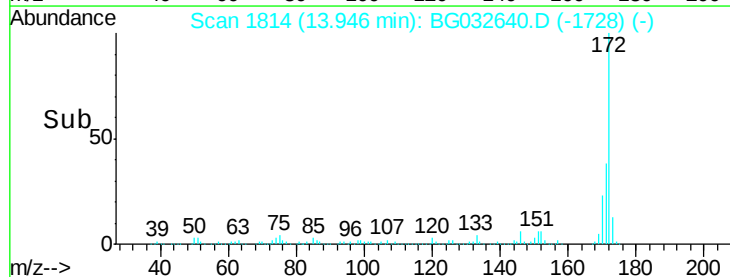
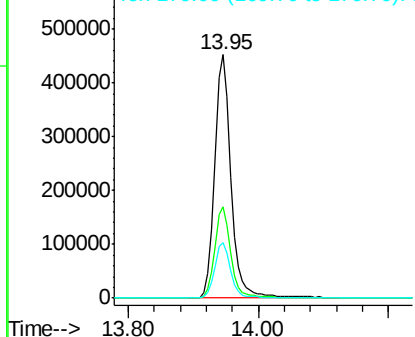


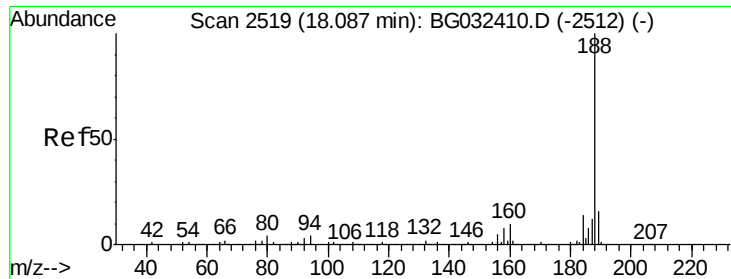
#44
 2-Fluorobiphenyl
 Concen: 81.204 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion:172 Resp: 787369
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 22.8 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

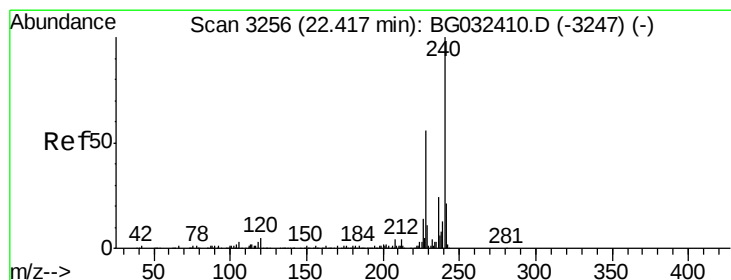
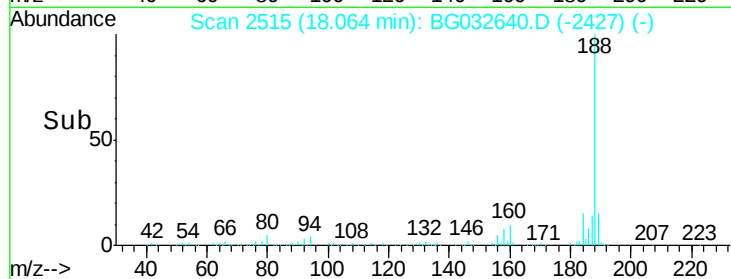
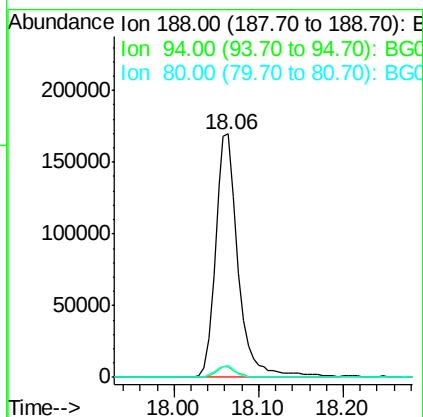
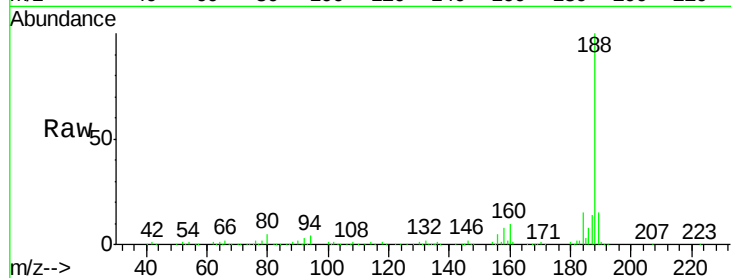




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG032640.D
Acq: 9 Feb 2018 20:50

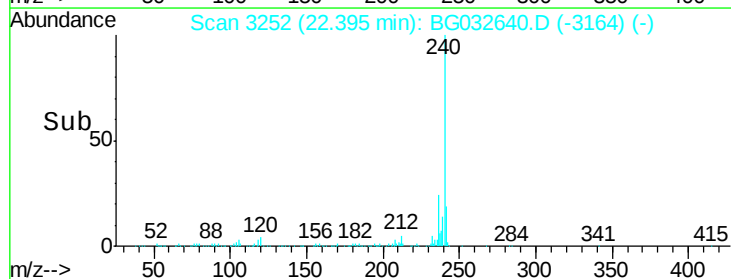
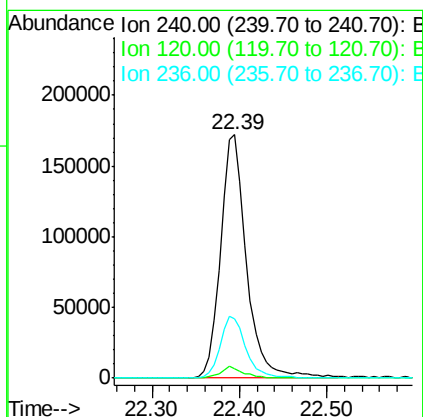
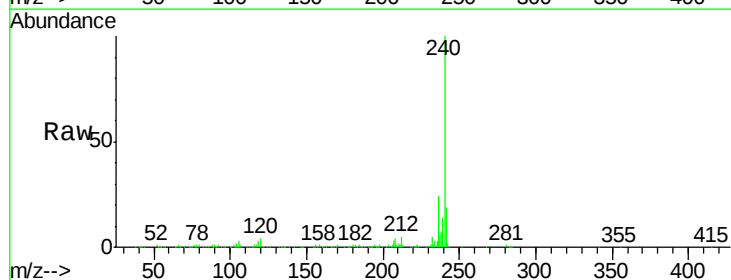
Instrument :
BNA_G
ClientSampleId :
RO-4252

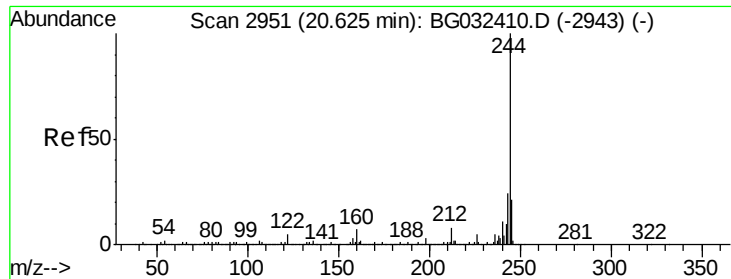
Tot Ion:188 Resp: 317881
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032640.D
Acq: 9 Feb 2018 20:50

Tgt Ion:240 Resp: 352398
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 91.274 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032640.D

Acq: 9 Feb 2018 20:50

Instrument :

BNA_G

ClientSampleId :

RO-4252

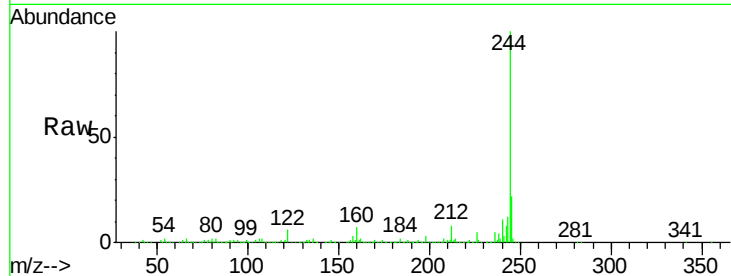
Tot Ion:244 Resp: 1501564

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

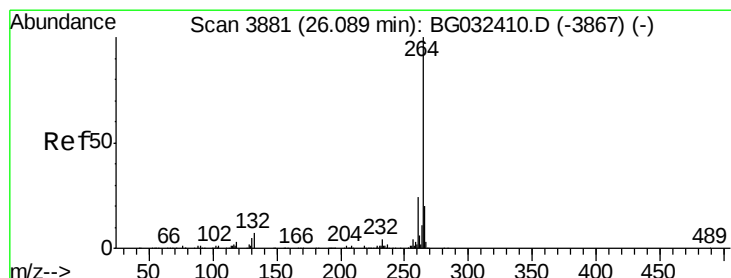
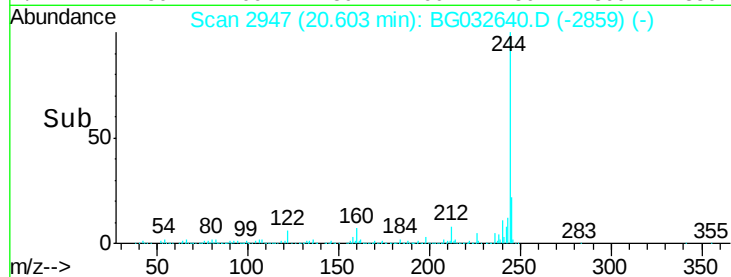
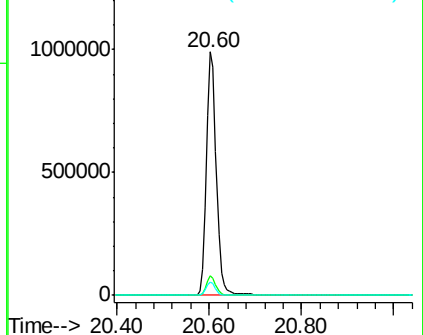
122 5.5 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.06 min Scan# 3876

Delta R.T. -0.01 min

Lab File: BG032640.D

Acq: 9 Feb 2018 20:50

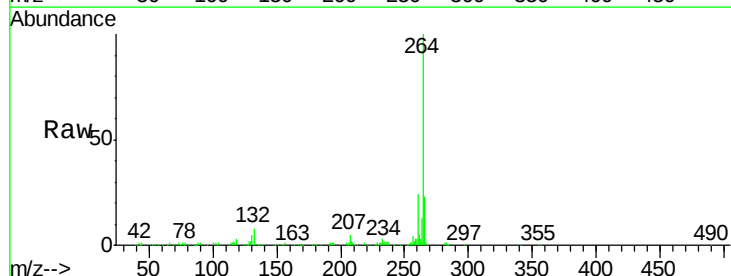
Tgt Ion:264 Resp: 350606

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

