

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032629.D
 Acq On : 9 Feb 2018 4:46
 Operator : SJ/JU
 Sample : J1485-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-215

Quant Time: Feb 09 06:38:00 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

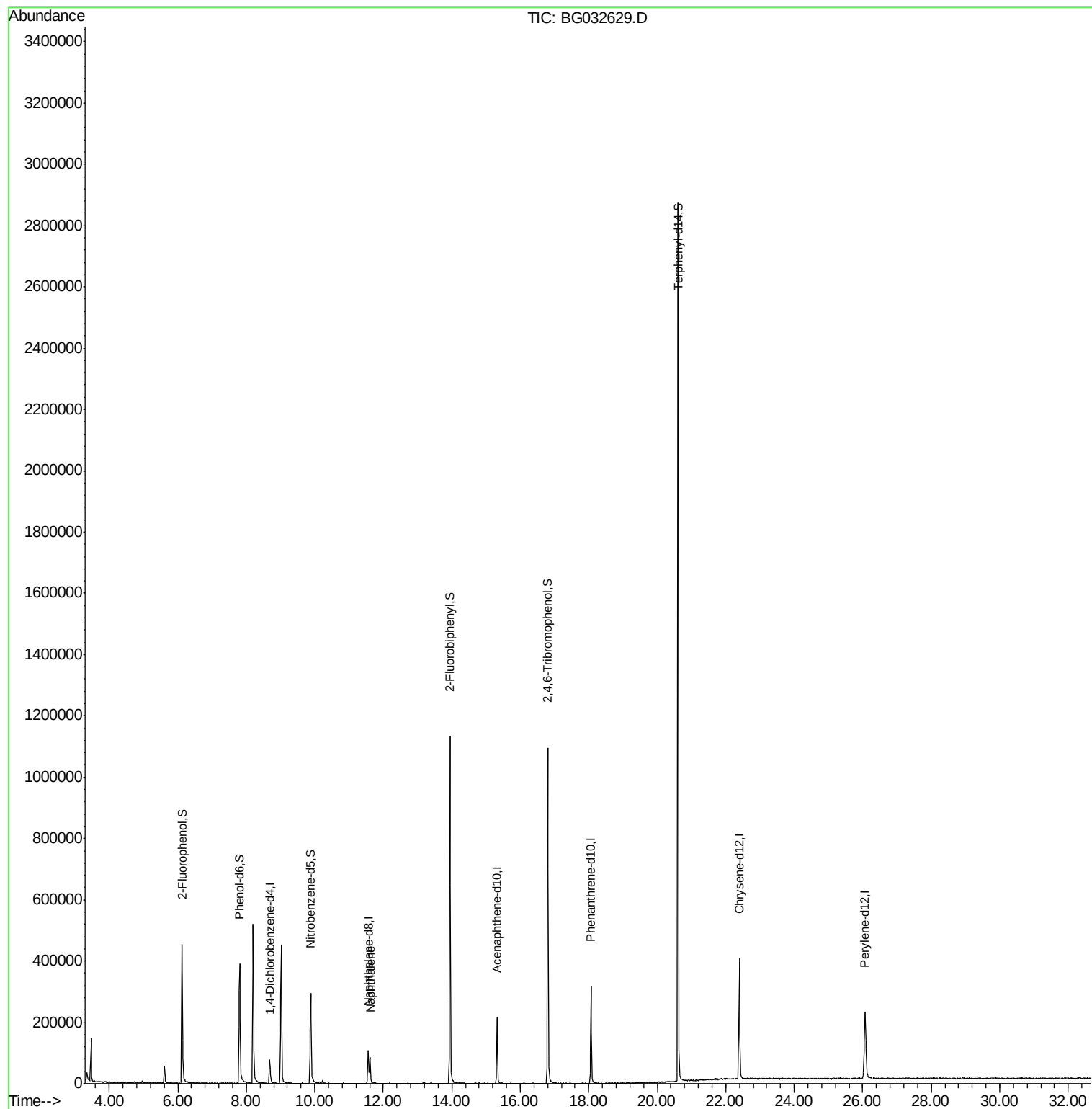
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	31821	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	117650	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	85650	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	250561	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	334203	20.00	ng	-0.01
86) Perylene-d12	26.07	264	317022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	242629	153.15	ng	-0.02
7) Phenol-d6	7.80	99	268520	127.02	ng	-0.02
23) Nitrobenzene-d5	9.88	82	209251	111.09	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	247773	151.98	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	712444	98.87	ng	-0.02
78) Terphenyl-d14	20.61	244	1560440	100.02	ng	0.00
Target Compounds						
31) Naphthalene	11.61	128	86995	15.140	ng	Qvalue 98

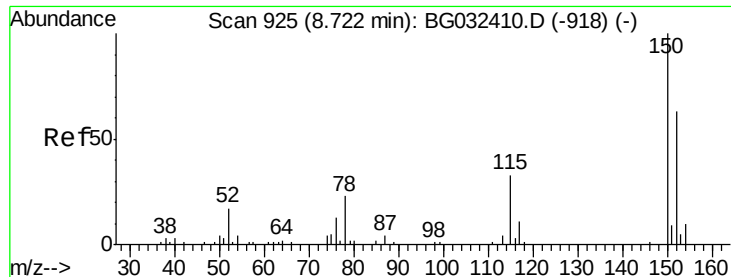
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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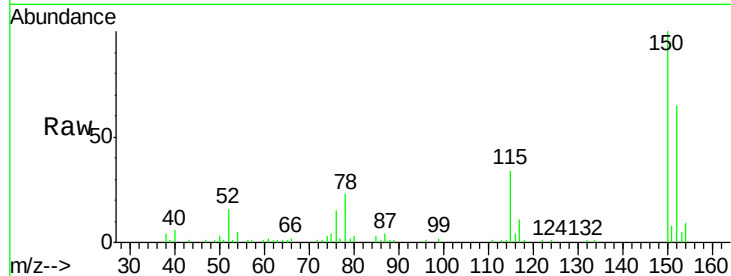


#1

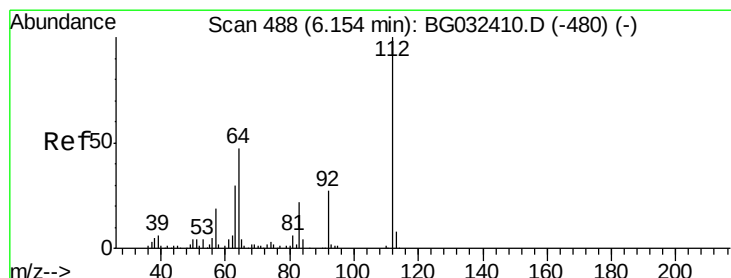
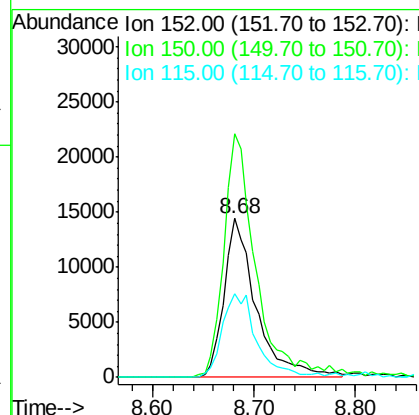
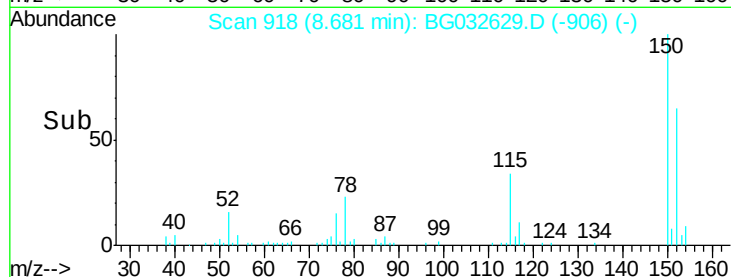
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.68 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Instrument :
 BNA_G
 ClientSampleId :
 RO-215

Tot Ion:152 Resp: 31821
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.6 189.8
 115 52.8 53.0 79.4#



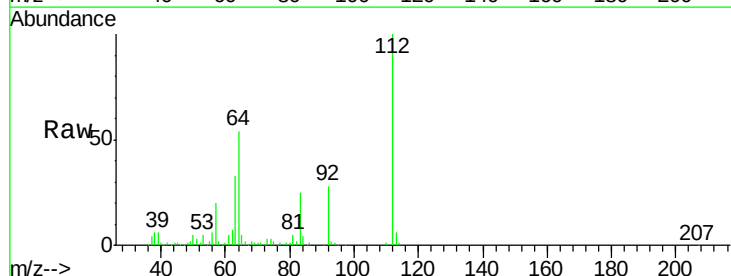
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



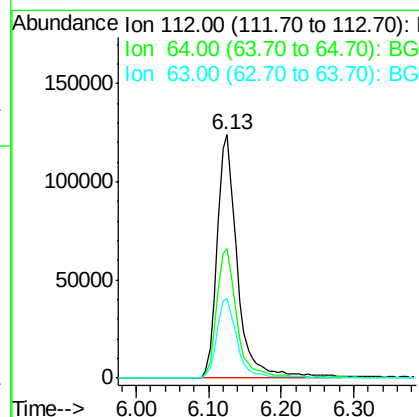
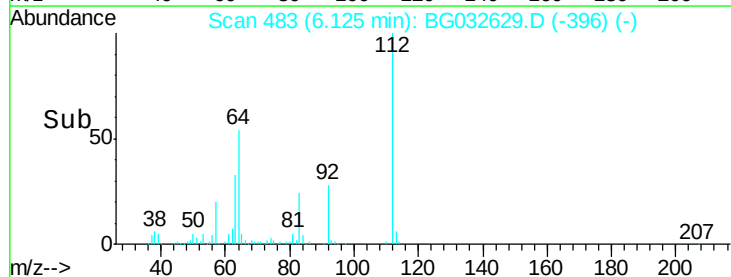
#5

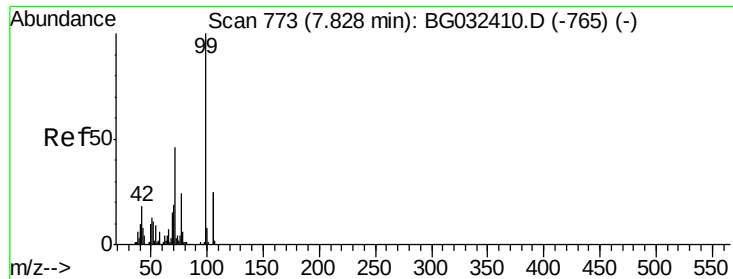
2-Fluorophenol
 Concen: 153.149 ng
 RT: 6.13 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Tgt Ion:112 Resp: 242629
 Ion Ratio Lower Upper
 112 100
 64 53.5 56.3 84.5#
 63 32.8 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: 127.015 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032629.D

Acq: 9 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

RO-215

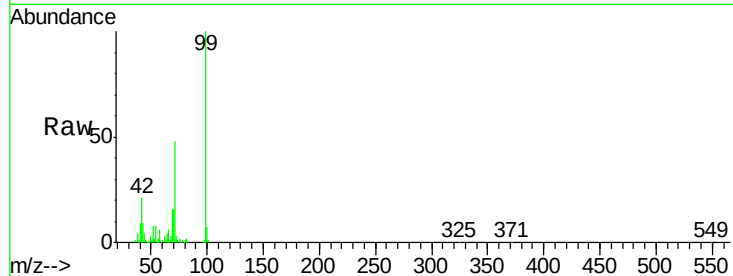
Tot Ion: 99 Resp: 268520

Ion Ratio Lower Upper

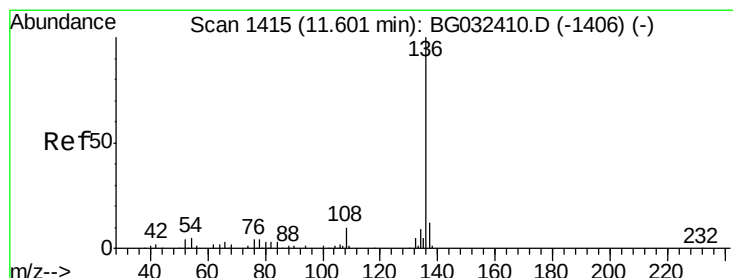
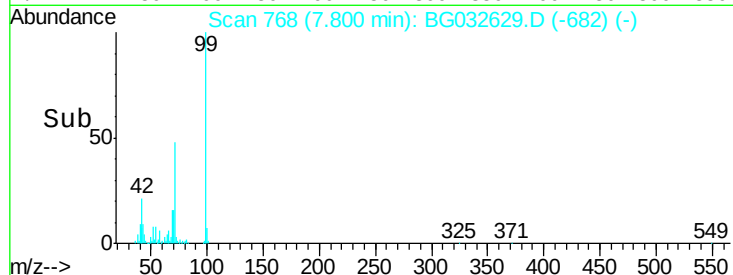
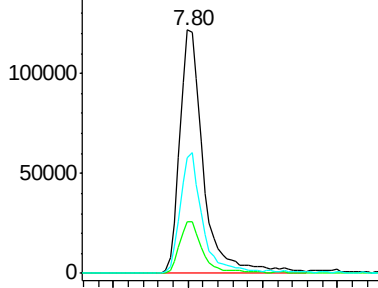
99 100

42 21.4 14.1 21.1#

71 47.6 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: BG032629.D

Acq: 9 Feb 2018 4:46

Tgt Ion: 136 Resp: 117650

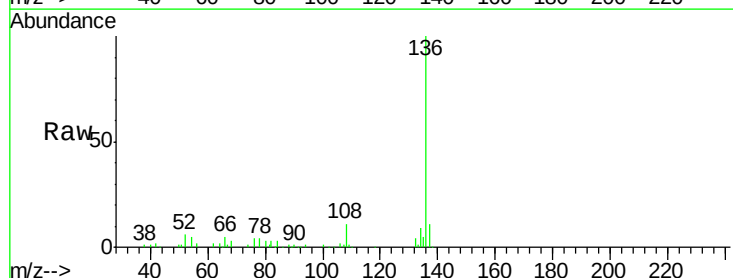
Ion Ratio Lower Upper

136 100

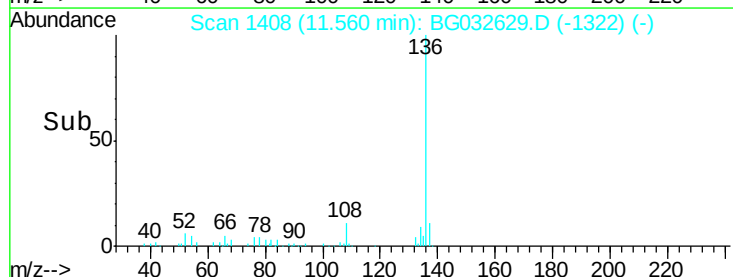
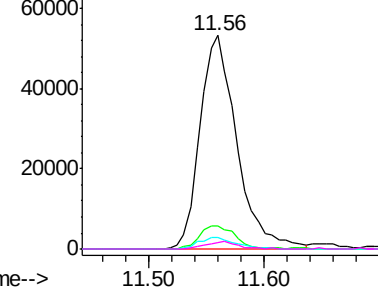
137 10.9 9.2 13.8

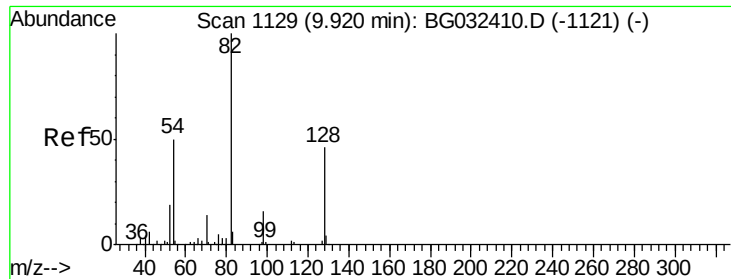
54 5.5 10.3 15.5#

68 3.1 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

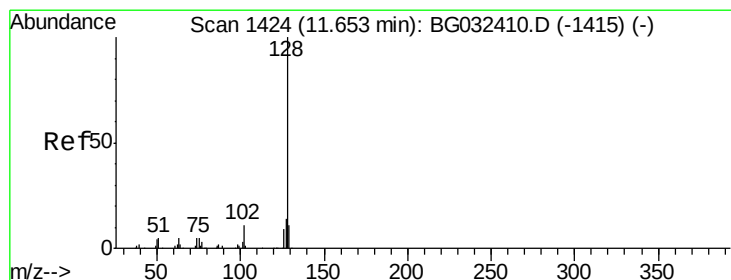
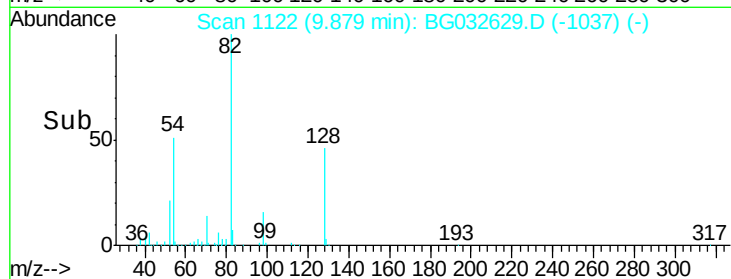
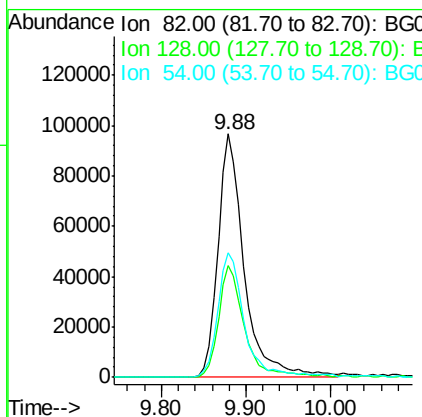
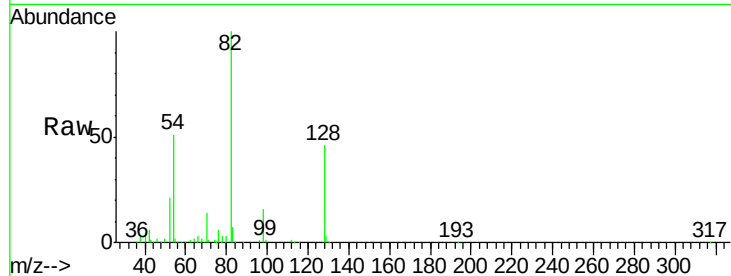




#23
 Nitrobenzene-d5
 Concen: 111.091 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

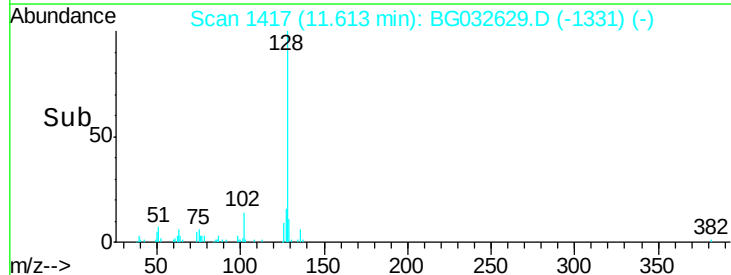
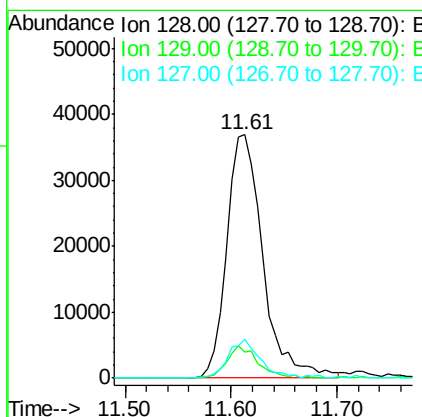
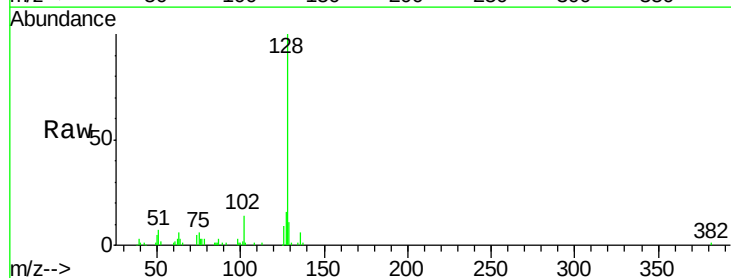
Instrument :
 BNA_G
 ClientSampled :
 RO-215

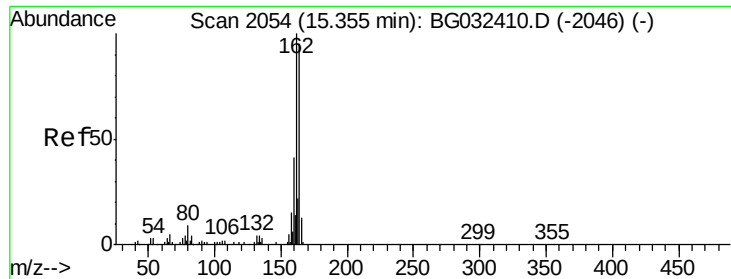
Tot Ion	82	Resp	209251
Ion Ratio	Lower	Upper	
82	100		
128	46.2	29.7	44.5#
54	51.1	43.1	64.7



#31
 Naphthalene
 Concen: 15.140 ng
 RT: 11.61 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Tgt Ion	128	Resp	86995
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	12.8
127	16.1	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG032629.D

Acq: 9 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

RO-215

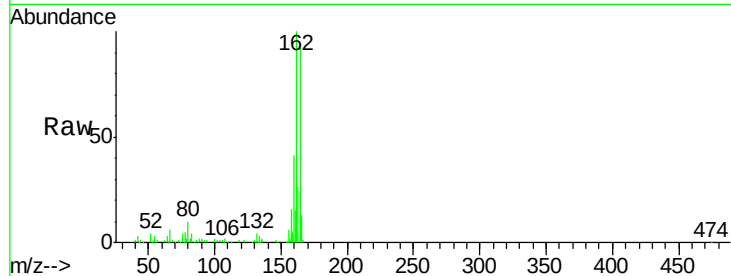
Tot Ion:164 Resp: 85650

Ion Ratio Lower Upper

164 100

162 108.5 78.8 118.2

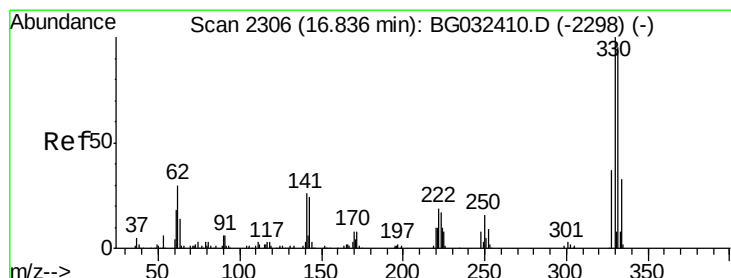
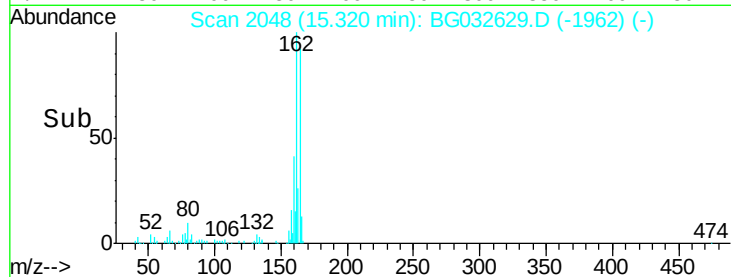
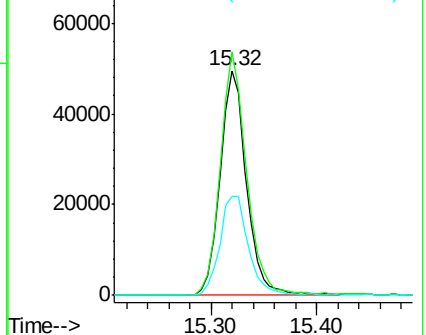
160 44.2 35.4 53.0



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: 151.975 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG032629.D

Acq: 9 Feb 2018 4:46

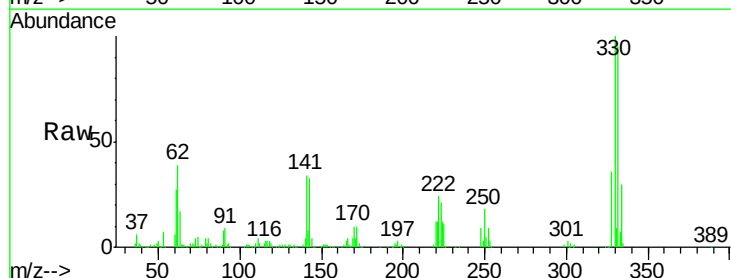
Tgt Ion:330 Resp: 247773

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

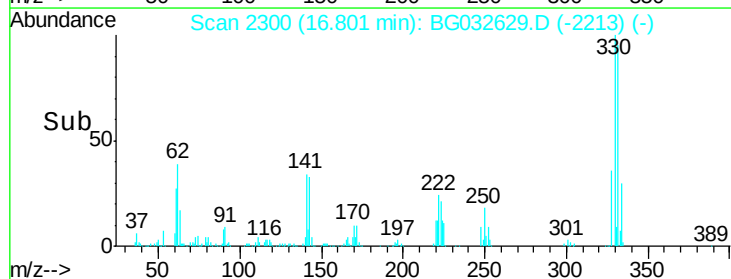
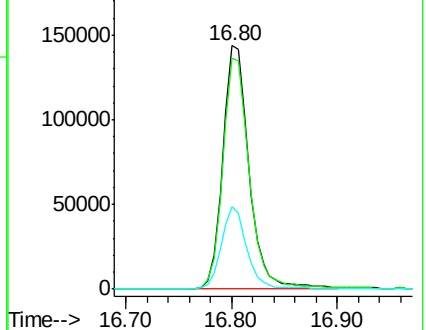
141 32.4 25.2 37.8

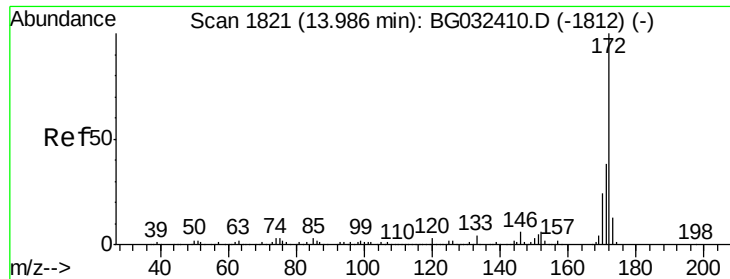


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

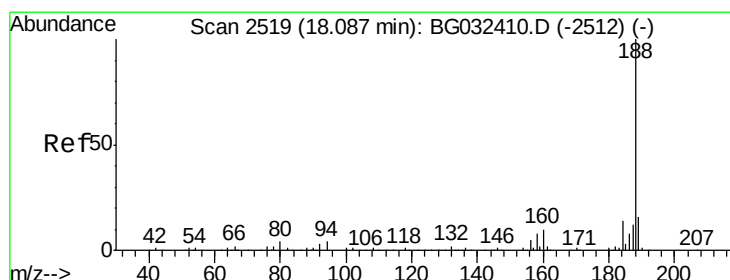
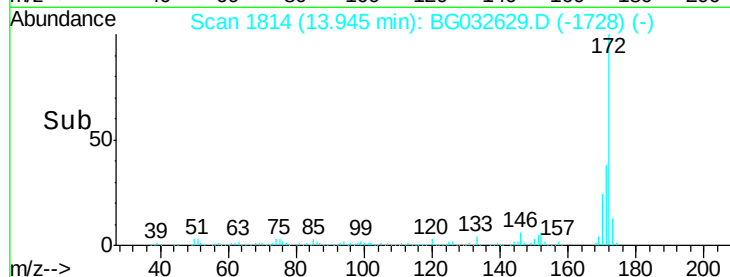
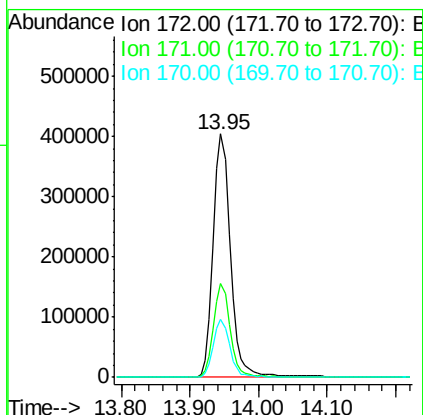
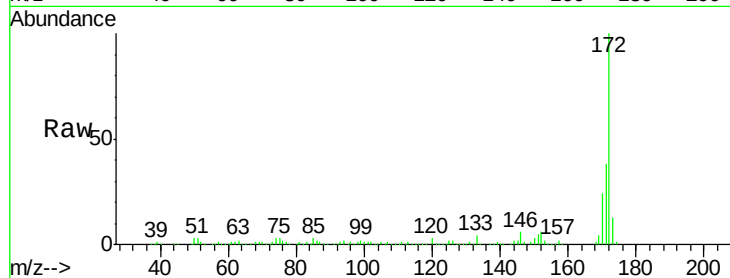




#44
2-Fluorobiphenyl
Concen: 98.866 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

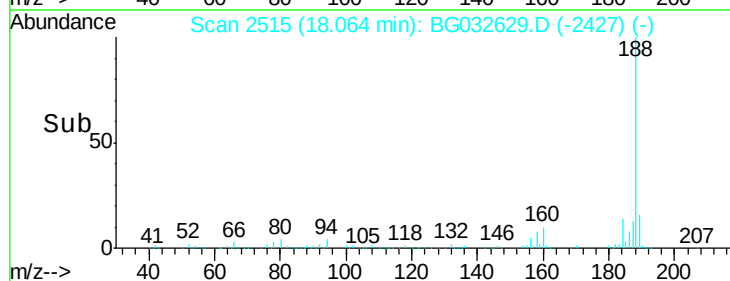
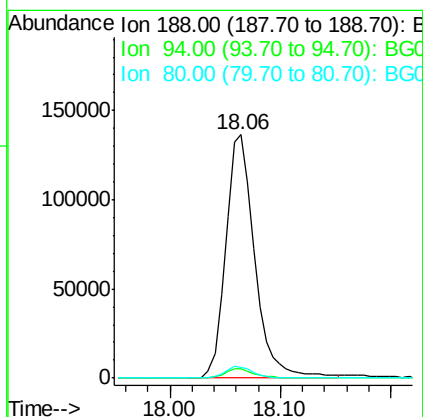
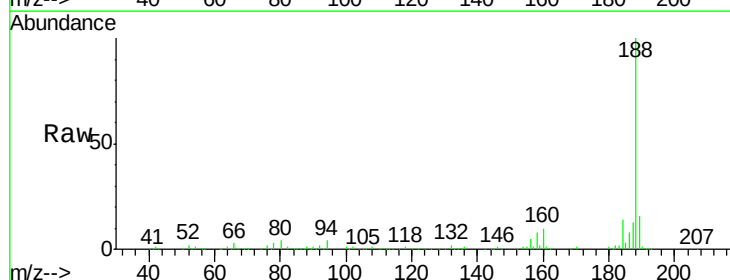
Instrument :
BNA_G
ClientSampled :
RO-215

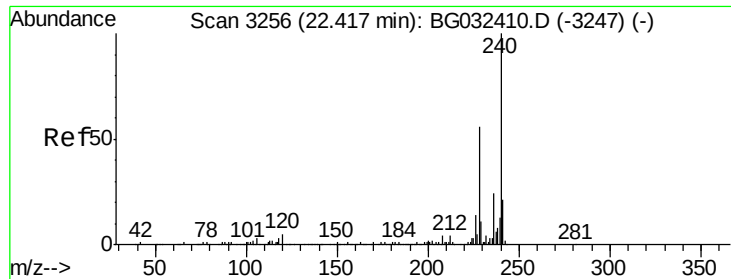
Tot Ion:172 Resp: 712444
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 23.8 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Tgt Ion:188 Resp: 250561
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.3 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: BG032629.D

Acq: 9 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

RO-215

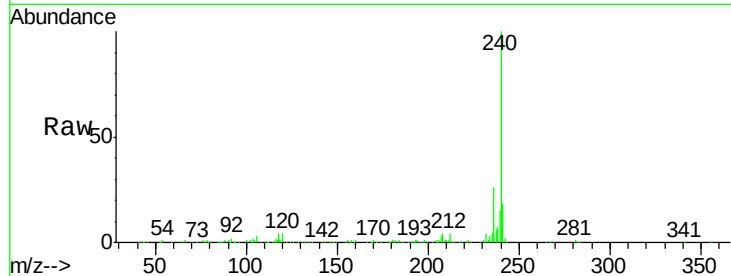
Tot Ion:240 Resp: 334203

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

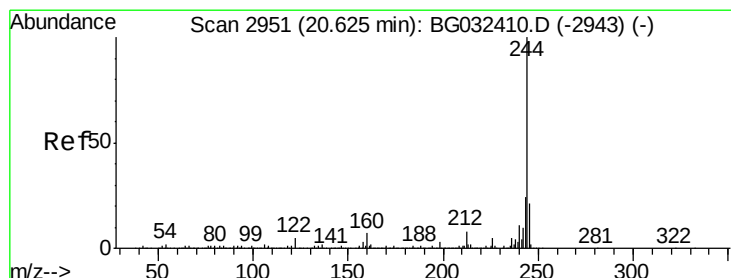
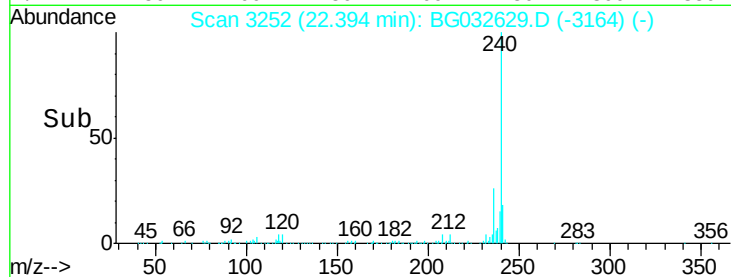
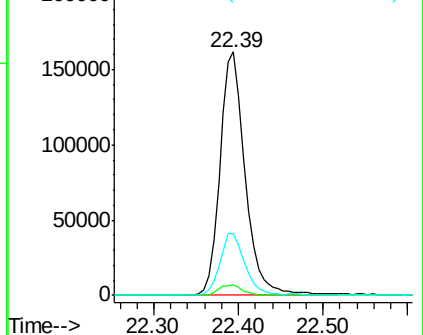
236 25.6 20.9 31.3



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: 100.017 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032629.D

Acq: 9 Feb 2018 4:46

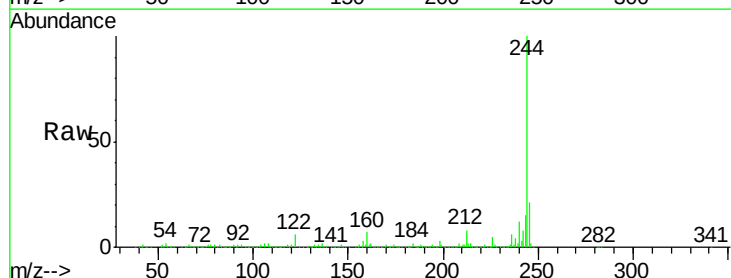
Tgt Ion:244 Resp: 1560440

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

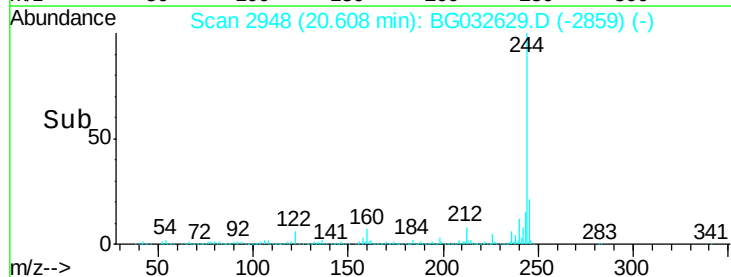
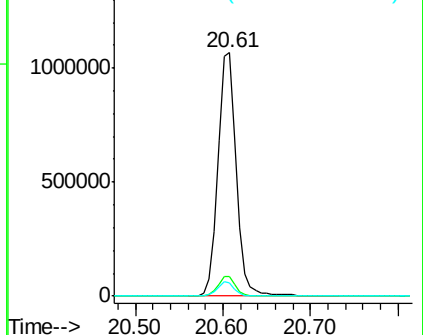
122 5.7 7.0 10.4#

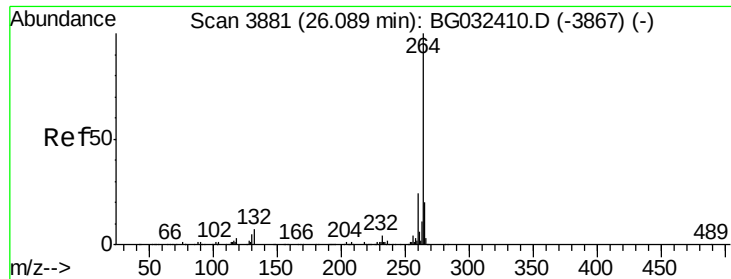


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.07 min Scan# 3877
Delta R.T. 0.00 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :
RO-215

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	22.2	17.7	26.5

