

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032475.D
 Acq On : 31 Jan 2018 21:09
 Operator : SJ/JU
 Sample : J1016-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-013018

Quant Time: Feb 01 02:41:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	28890	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	114016	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	81306	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	216863	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	284316	20.00	ng	-0.01
86) Perylene-d12	26.09	264	303233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	198825	138.23	ng	0.00
7) Phenol-d6	7.84	99	222601	115.98	ng	0.00
23) Nitrobenzene-d5	9.91	82	171192	93.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	236725	152.96	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	625948	91.50	ng	-0.01
78) Terphenyl-d14	20.62	244	1330365	100.23	ng	0.00

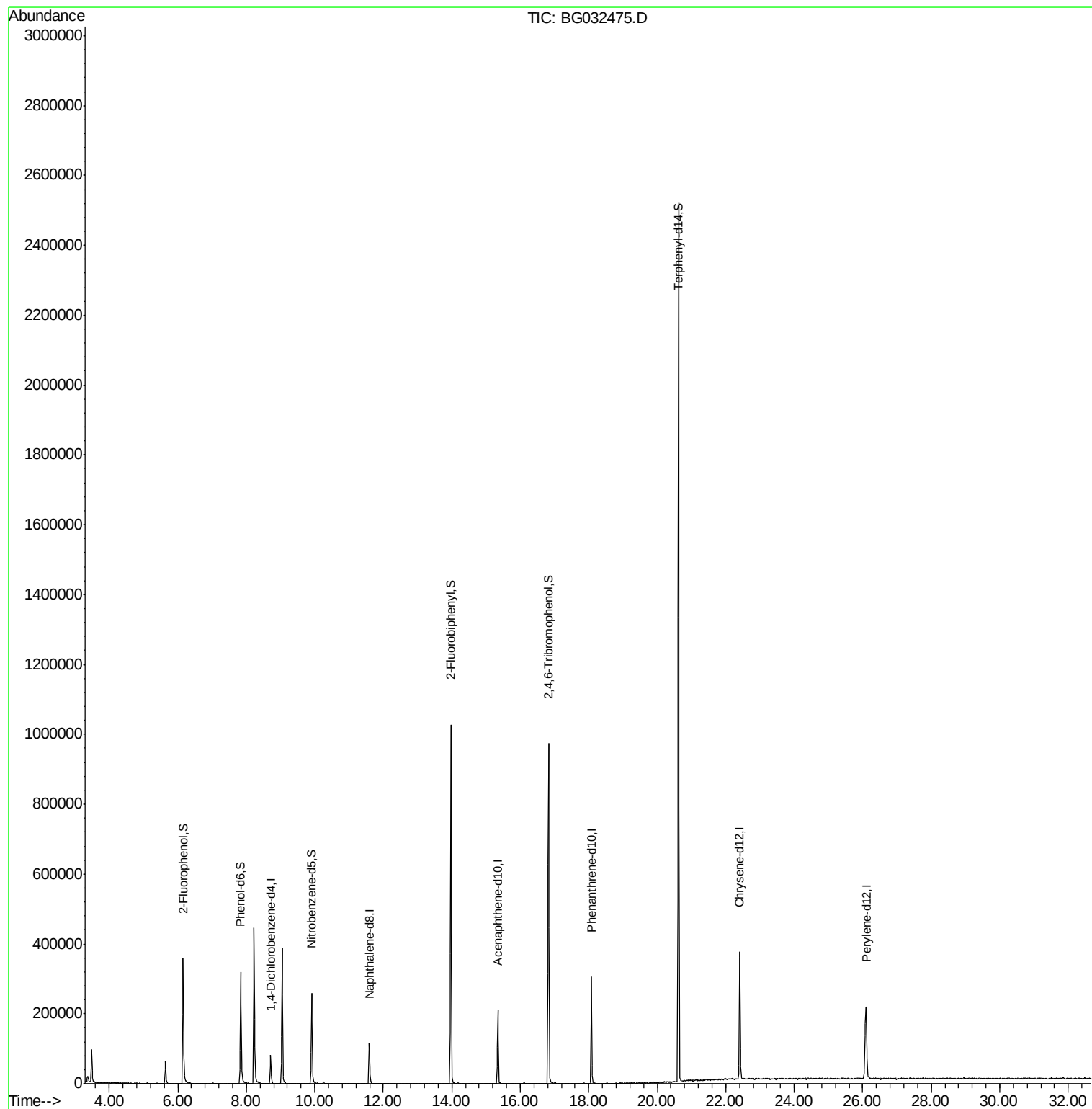
Target Compounds Qvalue

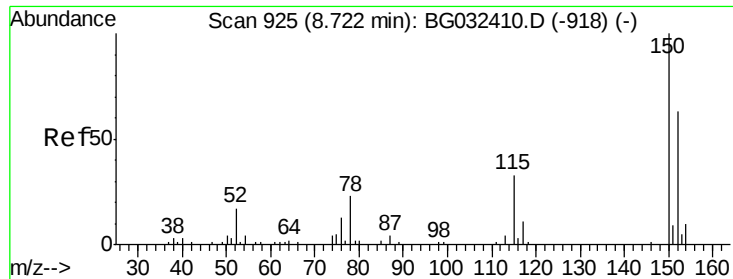
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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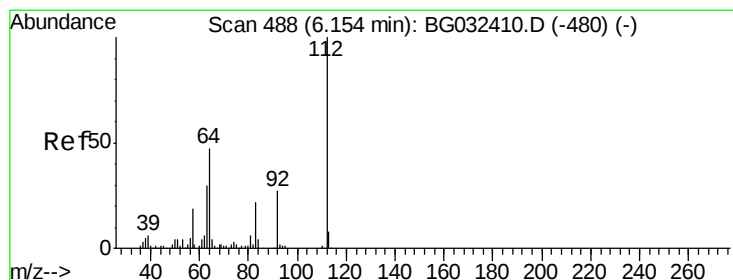
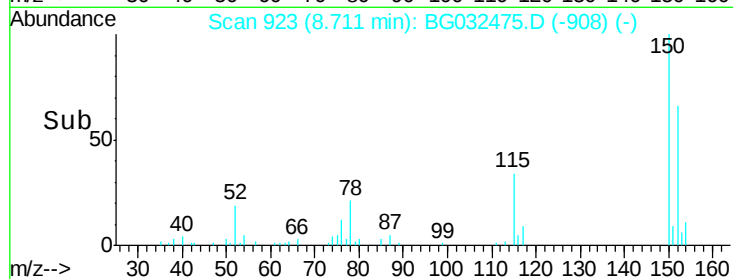
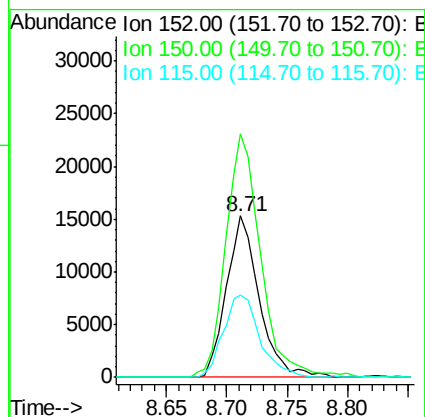
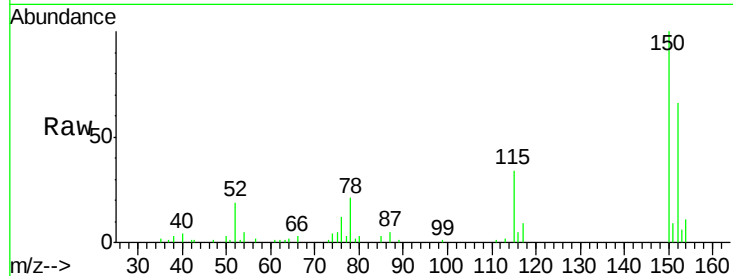


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032475.D
Acq: 31 Jan 2018 21:09

Instrument :
BNA_G
ClientSampleId :
OK-03-013018

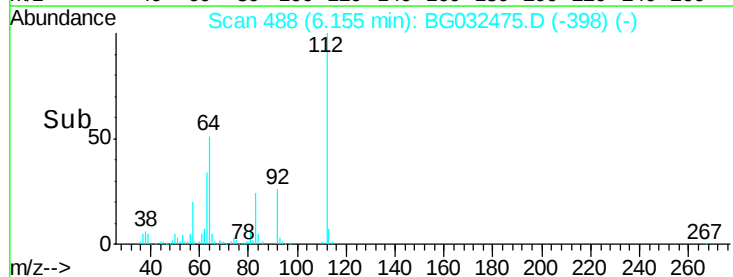
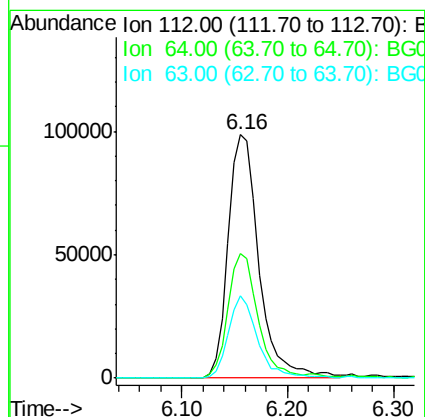
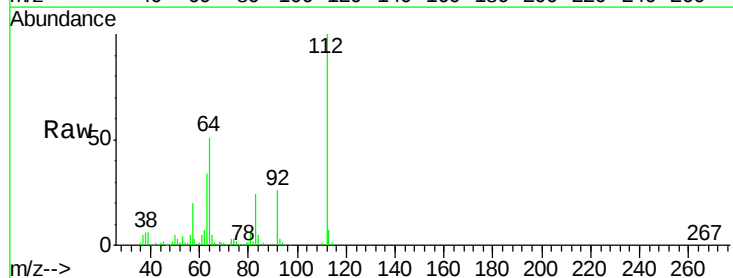
Tot Ion:152 Resp: 28890
Ion Ratio Lower Upper
152 100
150 150.7 126.6 189.8
115 50.9 53.0 79.4#

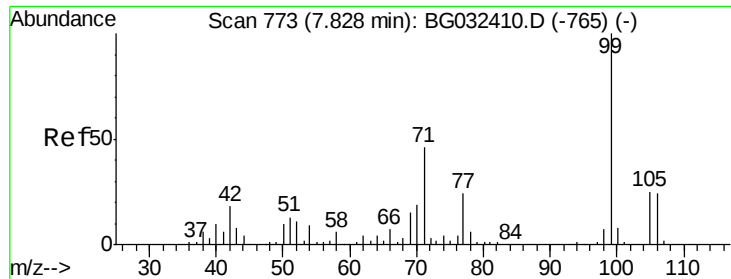


#5

2-Fluorophenol
Concen: 138.232 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032475.D
Acq: 31 Jan 2018 21:09

Tgt Ion:112 Resp: 198825
Ion Ratio Lower Upper
112 100
64 51.0 56.3 84.5#
63 33.7 30.1 45.1





#7

Phenol-d6

Concen: 115.977 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032475.D

Acq: 31 Jan 2018 21:09

Instrument :

BNA_G

ClientSampled :

OK-03-013018

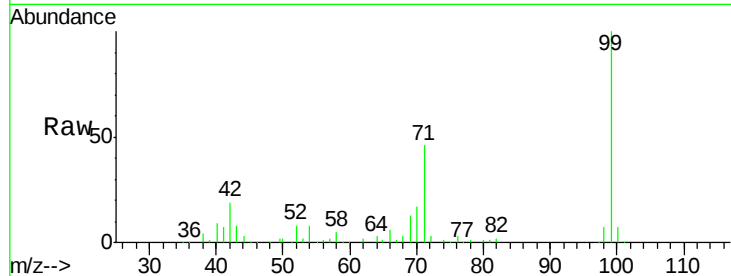
Tot Ion: 99 Resp: 222601

Ion Ratio Lower Upper

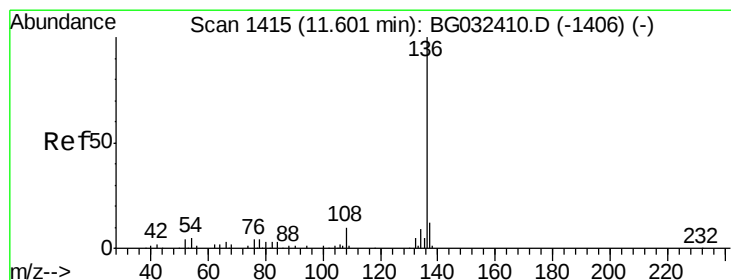
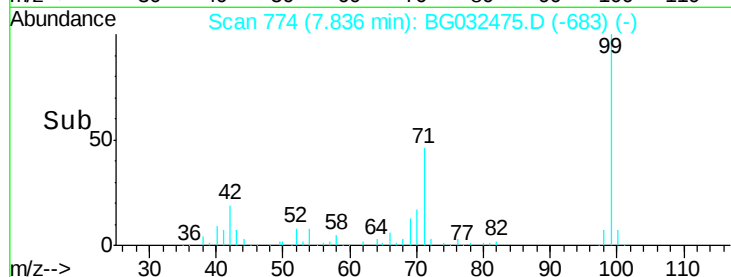
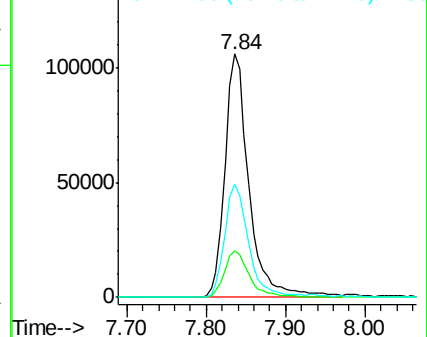
99 100

42 19.3 14.1 21.1

71 46.2 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032475.D

Acq: 31 Jan 2018 21:09

Tgt Ion: 136 Resp: 114016

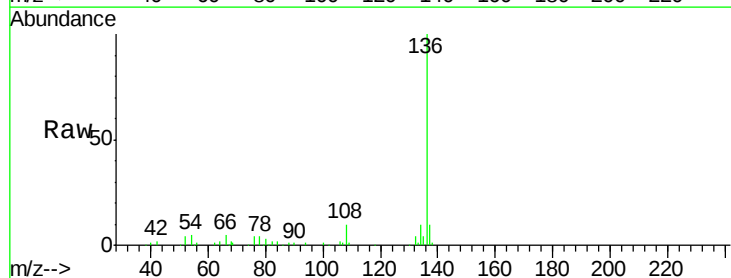
Ion Ratio Lower Upper

136 100

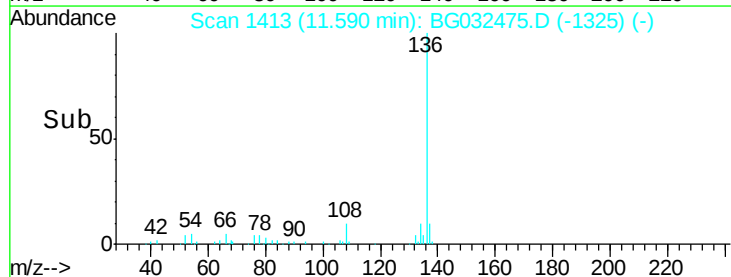
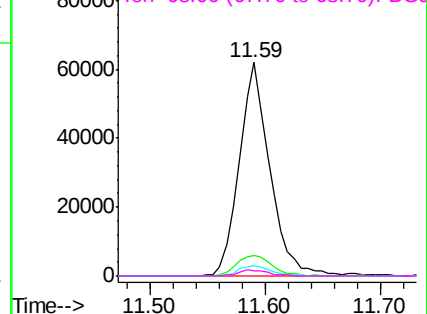
137 9.6 9.2 13.8

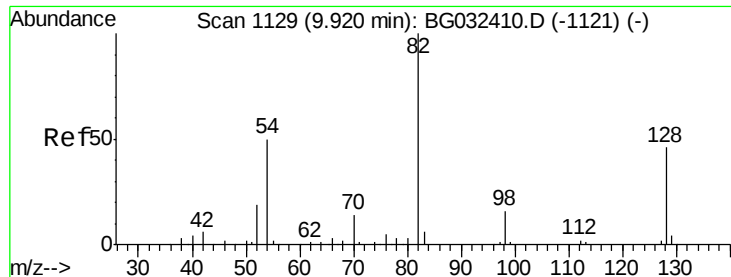
54 4.8 10.3 15.5#

68 2.6 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

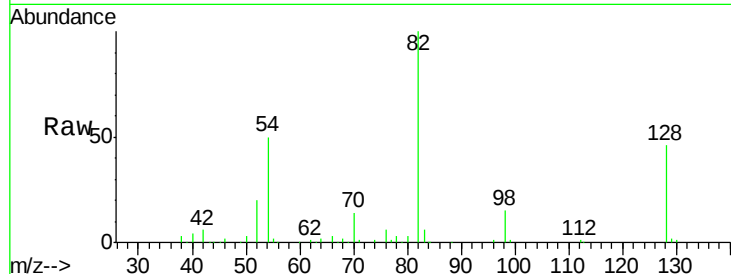




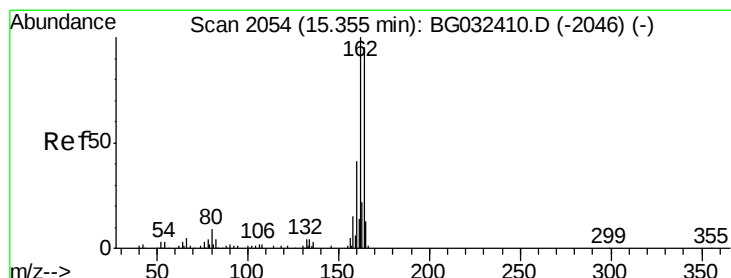
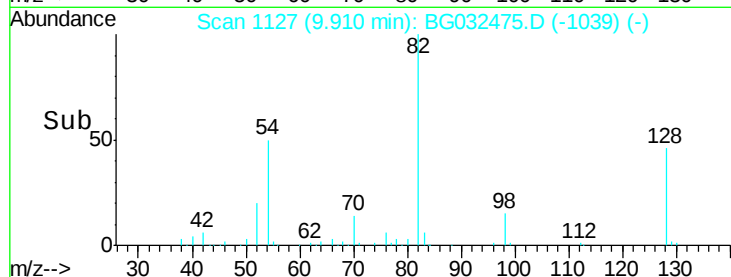
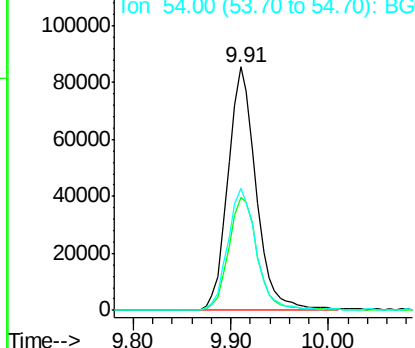
#23
Nitrobenzene-d5
Concen: 93.783 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032475.D
Acq: 31 Jan 2018 21:09

Instrument :
BNA_G
ClientSampleId :
OK-03-013018

Tot Ion: 82 Resp: 171192
Ion Ratio Lower Upper
82 100
128 46.4 29.7 44.5#
54 50.3 43.1 64.7

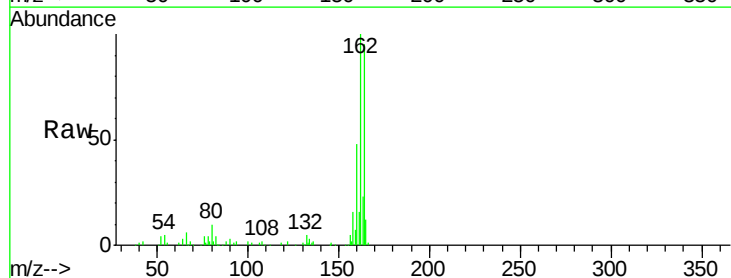


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

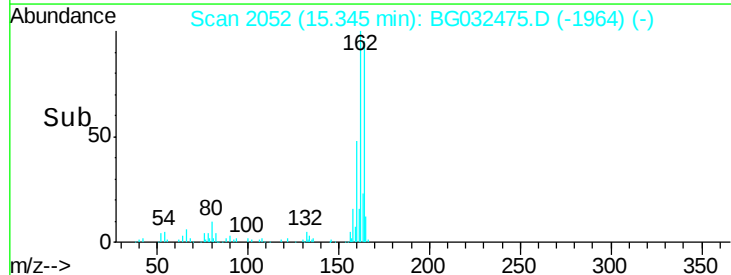
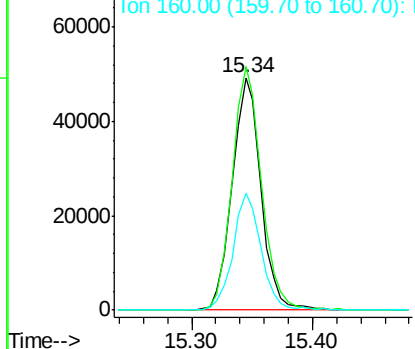


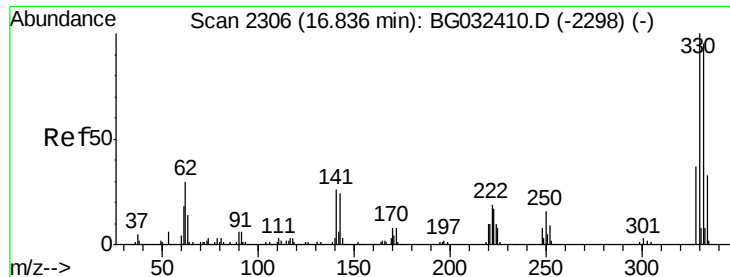
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032475.D
Acq: 31 Jan 2018 21:09

Tgt Ion:164 Resp: 81306
Ion Ratio Lower Upper
164 100
162 104.9 78.8 118.2
160 50.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

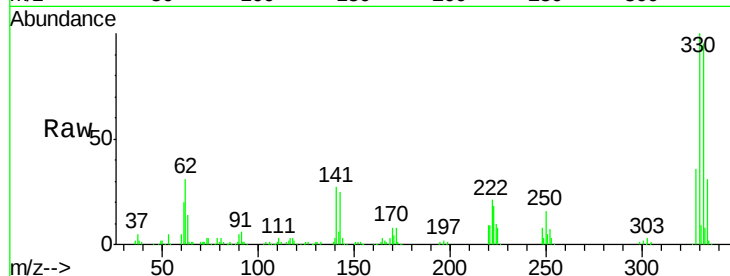




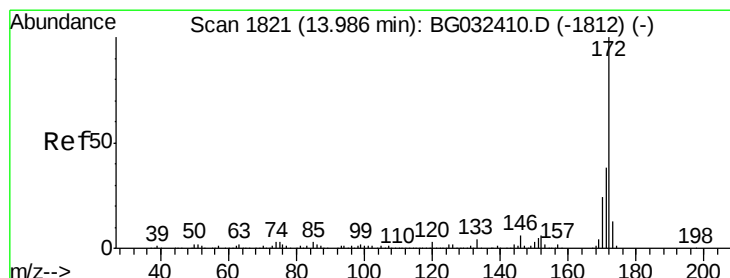
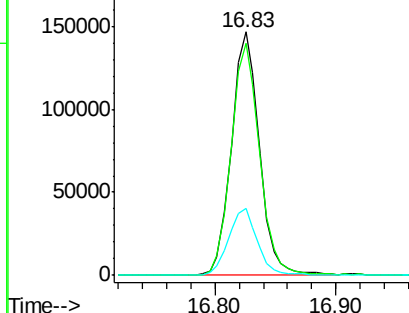
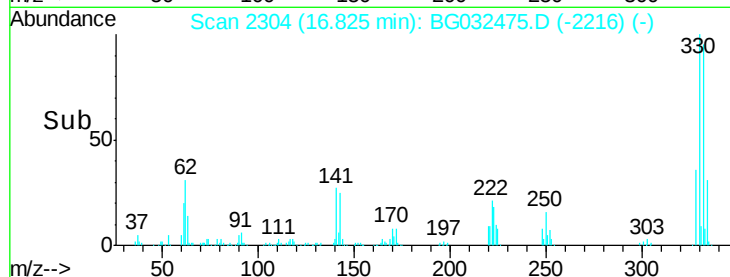
#41
 2,4,6-Tribromophenol
 Concen: 152.957 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032475.D
 Acq: 31 Jan 2018 21:09

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-013018

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	27.9	25.2	37.8

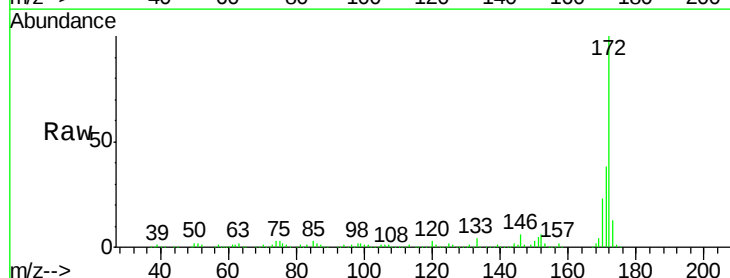


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

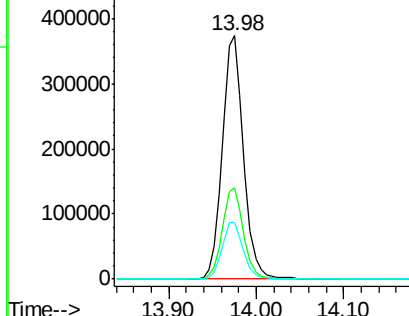
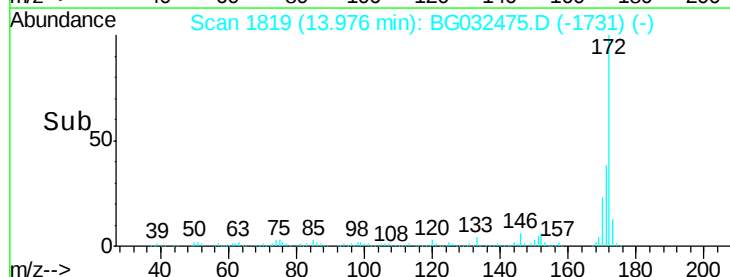


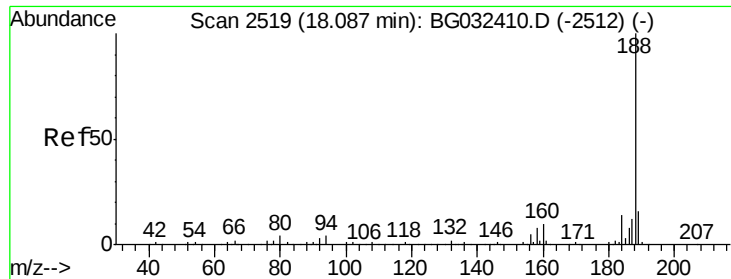
#44
 2-Fluorobiphenyl
 Concen: 91.504 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032475.D
 Acq: 31 Jan 2018 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.5	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

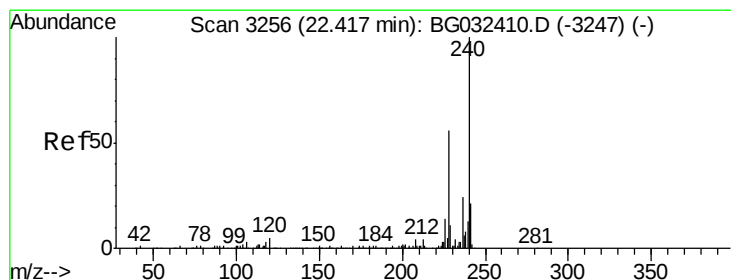
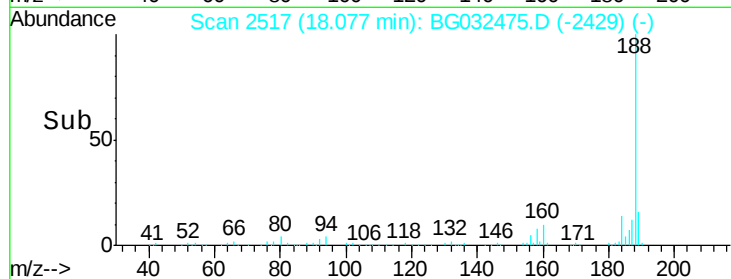
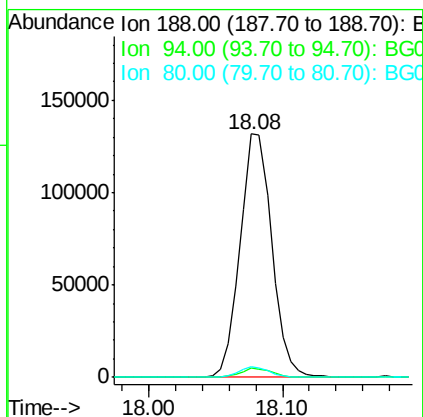
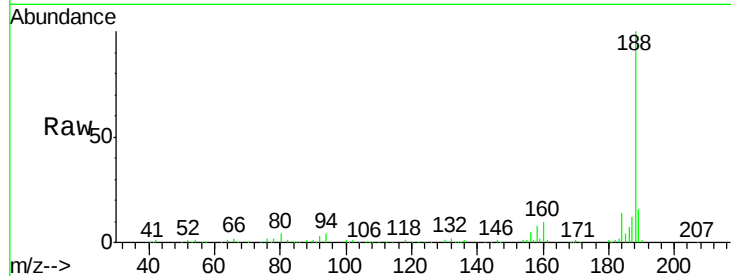




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032475.D
Acq: 31 Jan 2018 21:09

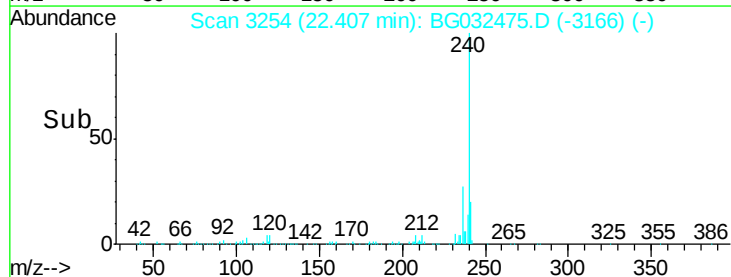
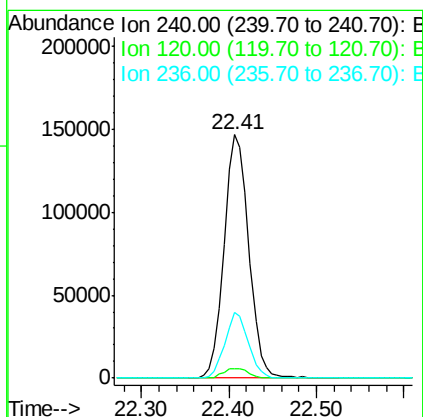
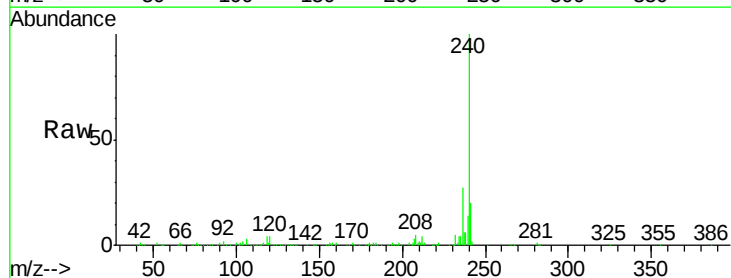
Instrument :
BNA_G
ClientSampleId :
OK-03-013018

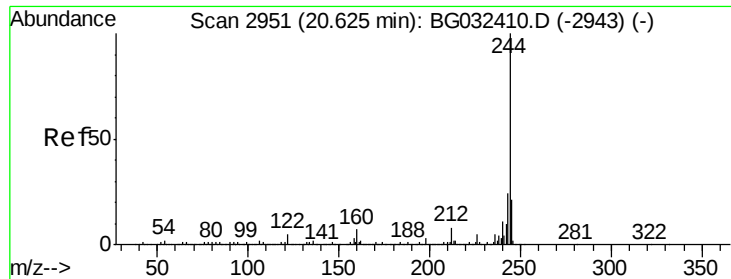
Tot Ion:188 Resp: 216863
Ion Ratio Lower Upper
188 100
94 4.1 6.9 10.3#
80 4.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032475.D
Acq: 31 Jan 2018 21:09

Tgt Ion:240 Resp: 284316
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 100.232 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032475.D

Acq: 31 Jan 2018 21:09

Instrument :

BNA_G

ClientSampleId :

OK-03-013018

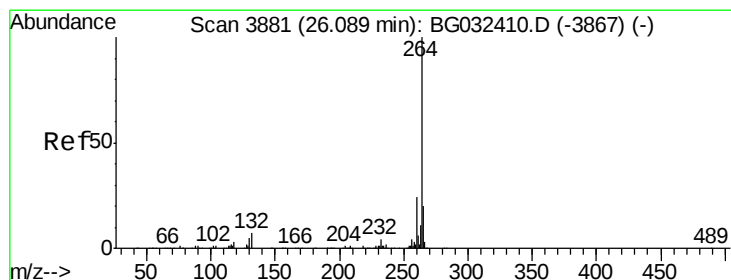
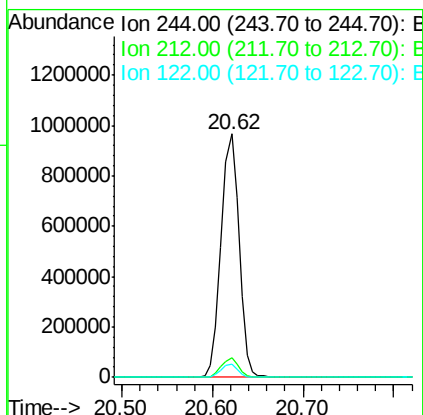
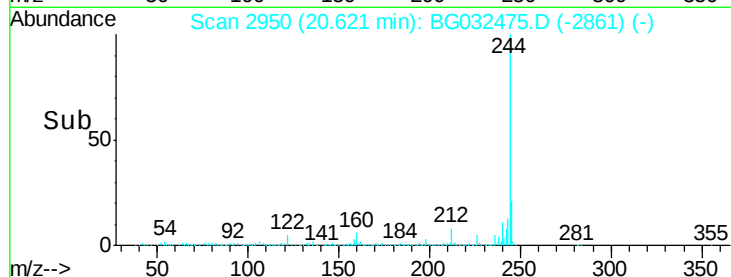
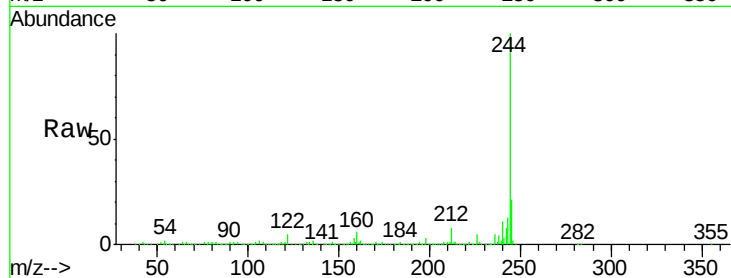
Tot Ion:244 Resp: 1330365

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 5.2 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.09 min Scan# 3881

Delta R.T. 0.00 min

Lab File: BG032475.D

Acq: 31 Jan 2018 21:09

Tgt Ion:264 Resp: 303233

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.3 17.7 26.5

