

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031614.D
 Acq On : 16 Dec 2017 7:28
 Operator : SJ/JU
 Sample : I6880-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-FOPI-F-D-B

Quant Time: Dec 18 03:26:57 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

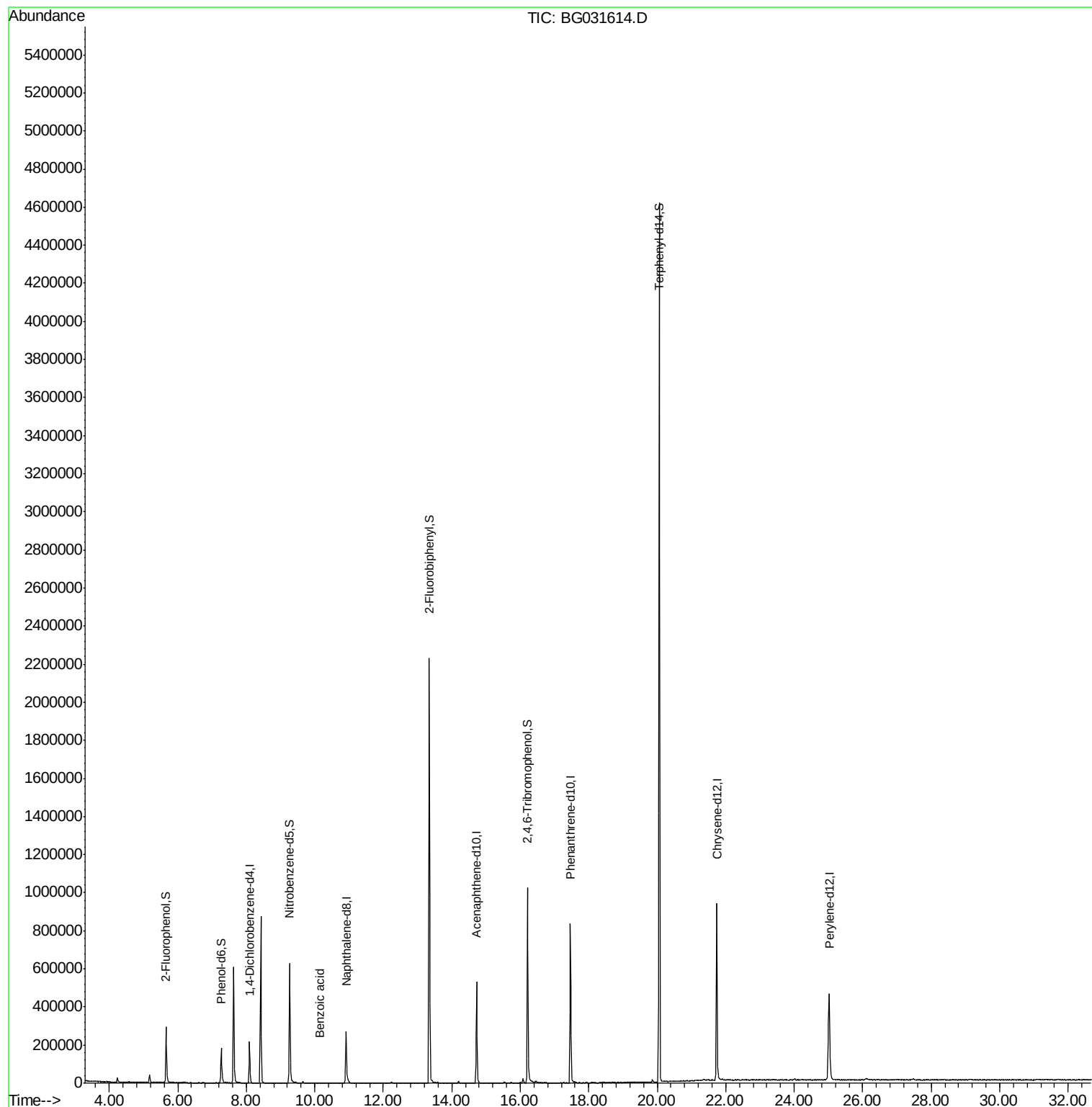
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	69983	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	310165	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	213958	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	572589	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	643841	20.00	ng	-0.01
86) Perylene-d12	25.02	264	557463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	166386	42.14	ng	-0.01
7) Phenol-d6	7.27	99	138729	25.31	ng	0.00
23) Nitrobenzene-d5	9.26	82	434867	86.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	238707	95.23	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1318186	90.43	ng	0.00
78) Terphenyl-d14	20.06	244	2314716	81.80	ng	-0.01
Target Compounds						
32) Benzoic acid	10.16	122	61	6.981	ng	Qvalue # 1

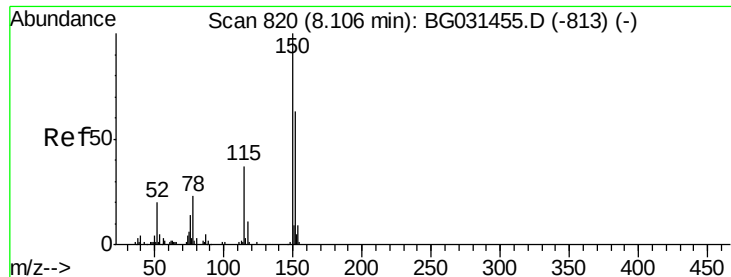
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031614.D
Acq On : 16 Dec 2017 7:28
Operator : SJ/JU
Sample : I6880-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-B

Quant Time: Dec 18 03:26:57 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



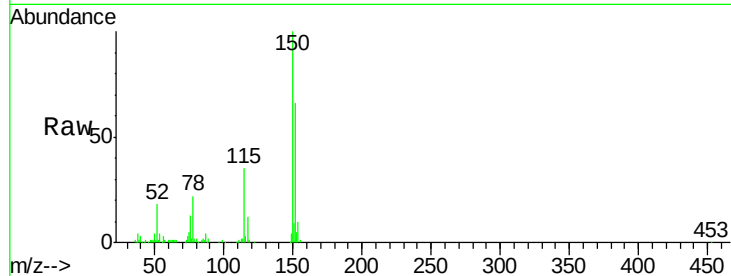


#1

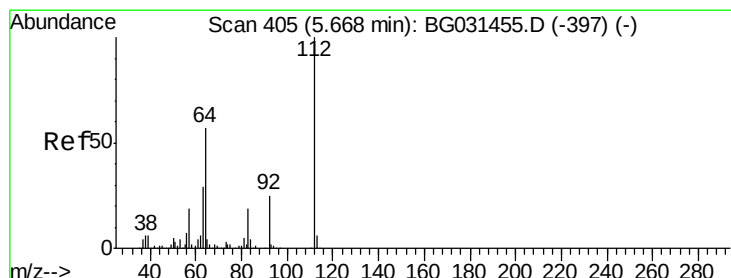
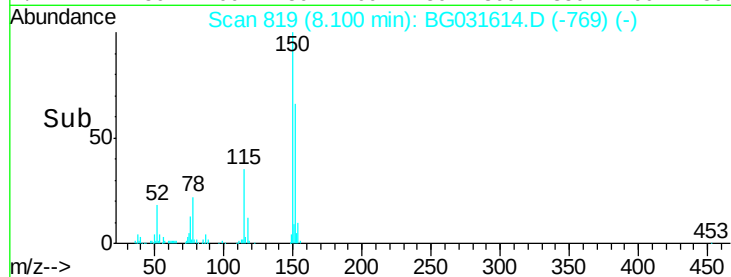
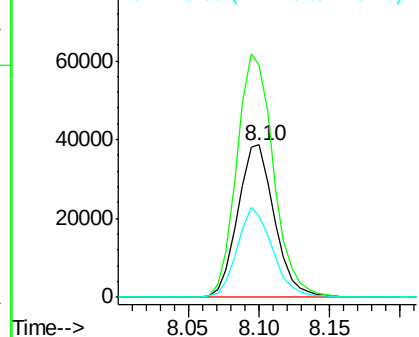
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031614.D
Acq: 16 Dec 2017 7:28

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-B

Tgt Ion:152 Resp: 69983
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 53.5 53.0 79.4



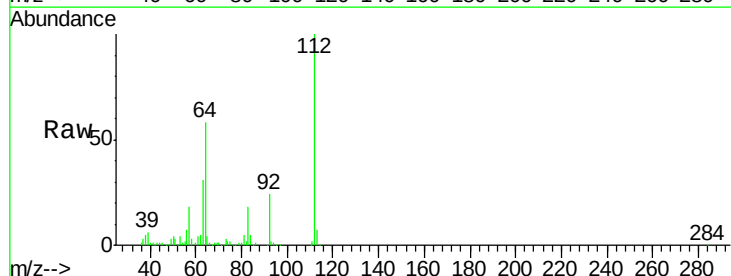
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



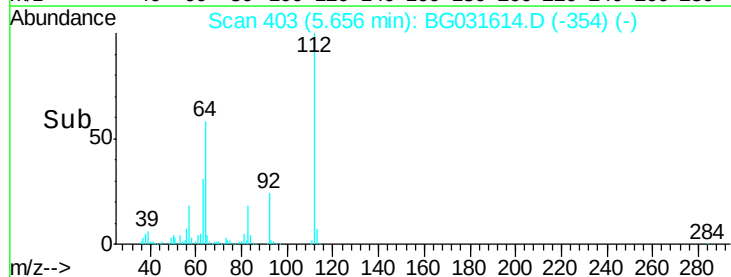
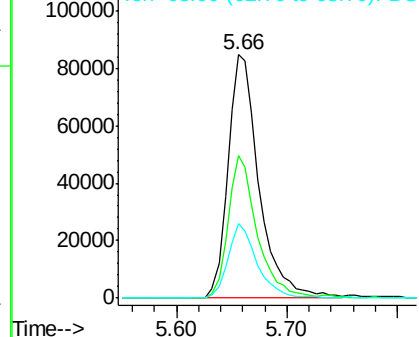
#5

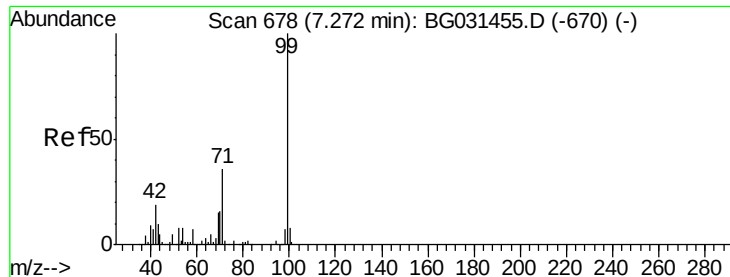
2-Fluorophenol
Concen: 42.142 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031614.D
Acq: 16 Dec 2017 7:28

Tgt Ion:112 Resp: 166386
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 30.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 25.311 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031614.D

Acq: 16 Dec 2017 7:28

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-D-B

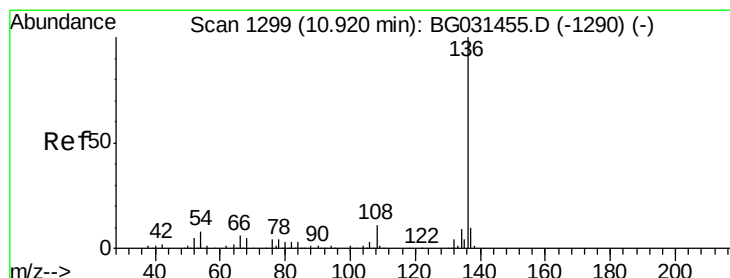
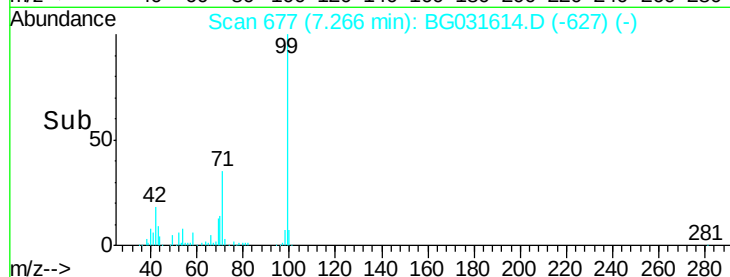
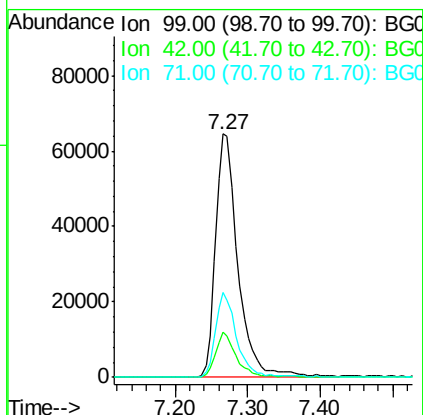
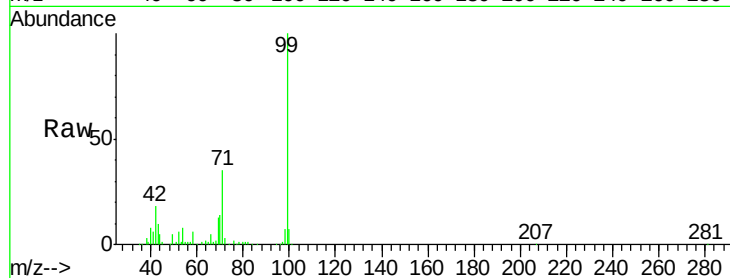
Tgt Ion: 99 Resp: 138729

Ion Ratio Lower Upper

99 100

42 18.5 14.1 21.1

71 34.8 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031614.D

Acq: 16 Dec 2017 7:28

Tgt Ion: 136 Resp: 310165

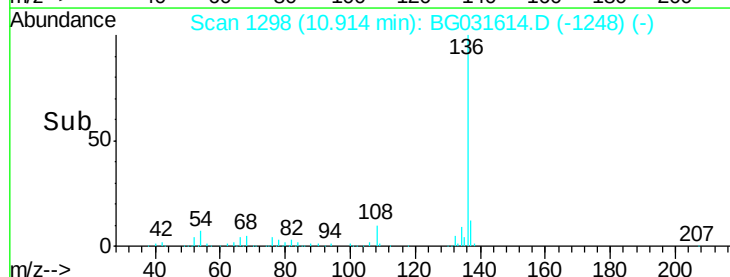
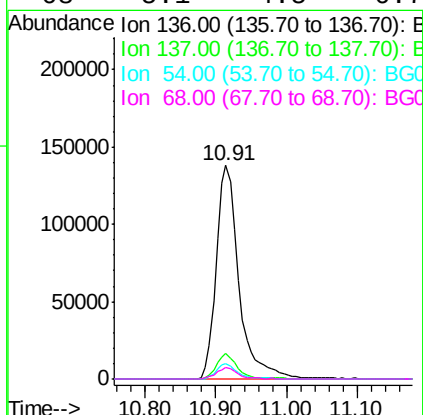
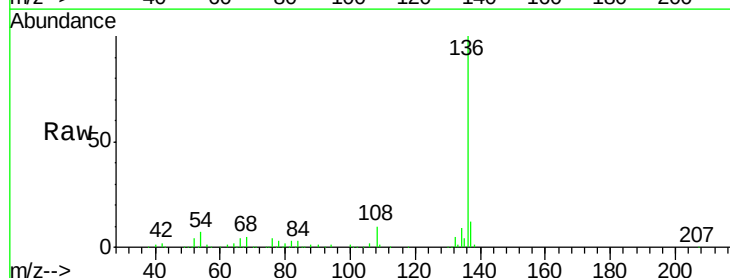
Ion Ratio Lower Upper

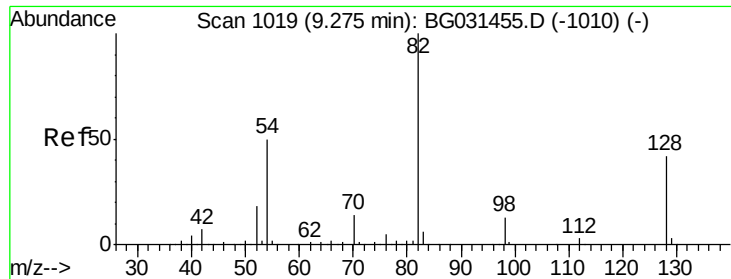
136 100

137 12.3 9.2 13.8

54 7.3 10.3 15.5#

68 5.1 4.5 6.7

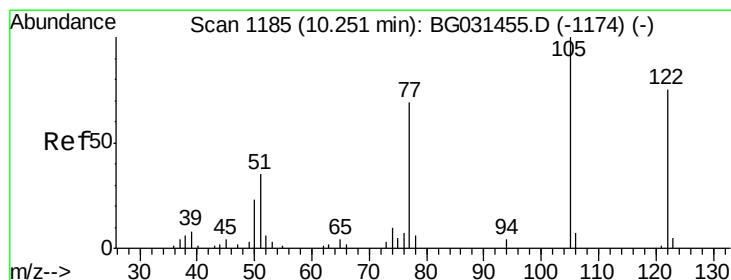
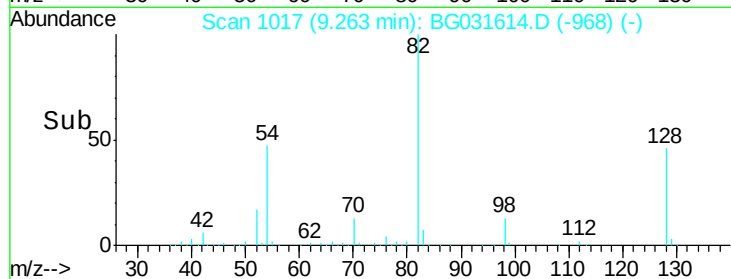
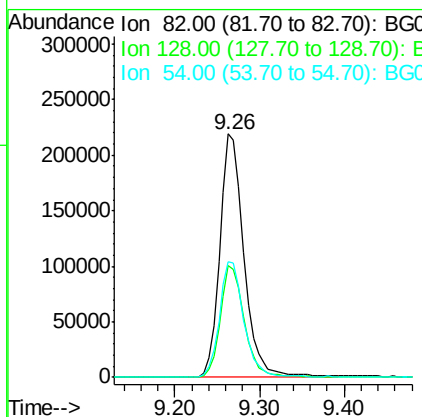
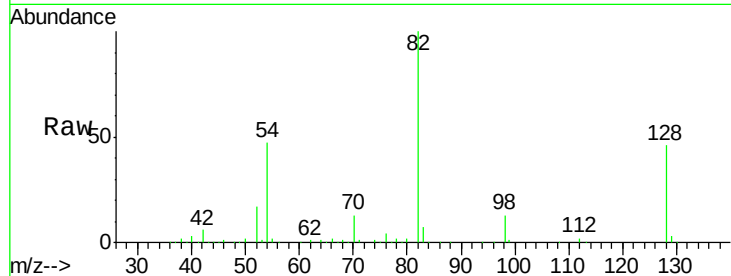




#23
 Nitrobenzene-d5
 Concen: 86.418 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031614.D
 Acq: 16 Dec 2017 7:28

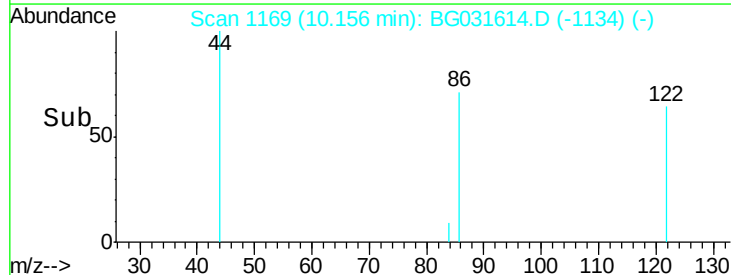
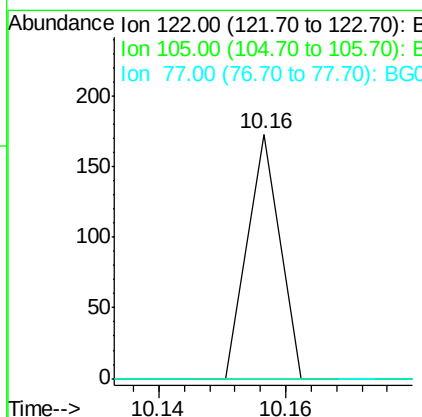
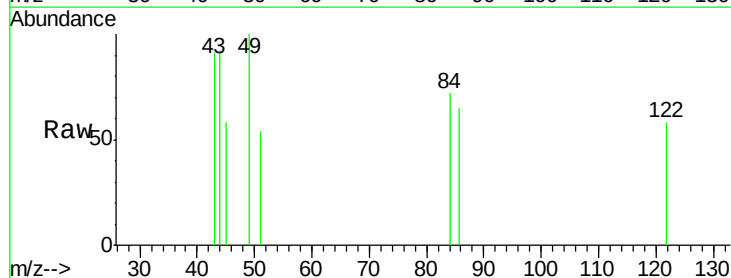
Instrument :
 BNA_G
 ClientSampleId :
 120817-FOPI-F-D-B

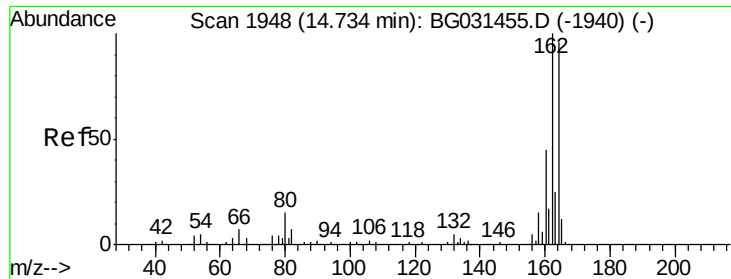
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	47.4	43.1	64.7



#32
 Benzoic acid
 Concen: 6.981 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. -0.09 min
 Lab File: BG031614.D
 Acq: 16 Dec 2017 7:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG031614.D

Acq: 16 Dec 2017 7:28

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-D-B

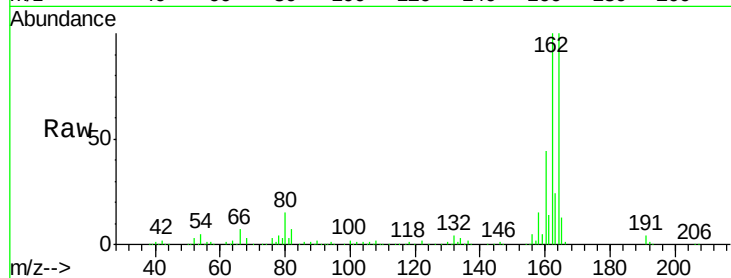
Tgt Ion:164 Resp: 213958

Ion Ratio Lower Upper

164 100

162 100.1 78.8 118.2

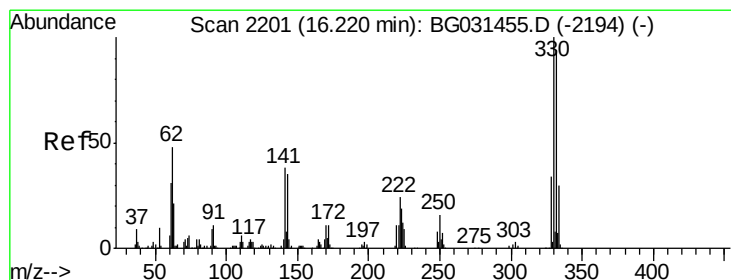
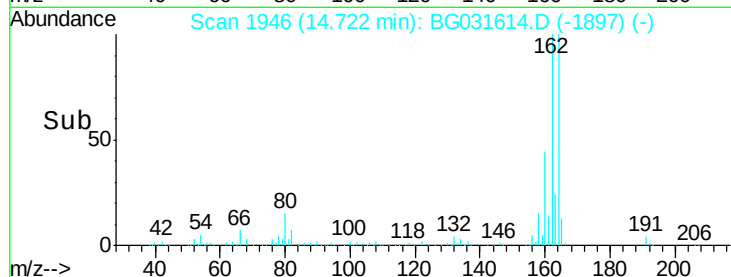
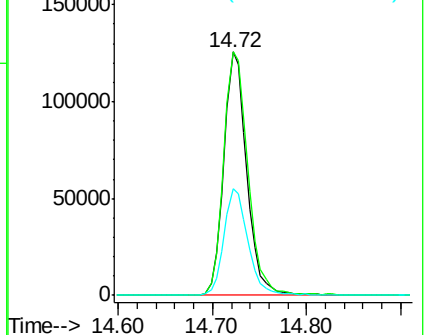
160 43.9 35.4 53.0



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: 95.231 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG031614.D

Acq: 16 Dec 2017 7:28

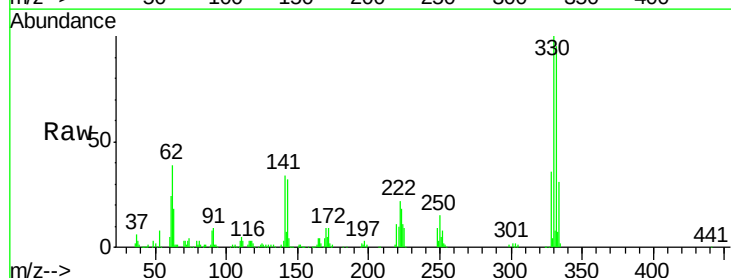
Tgt Ion:330 Resp: 238707

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

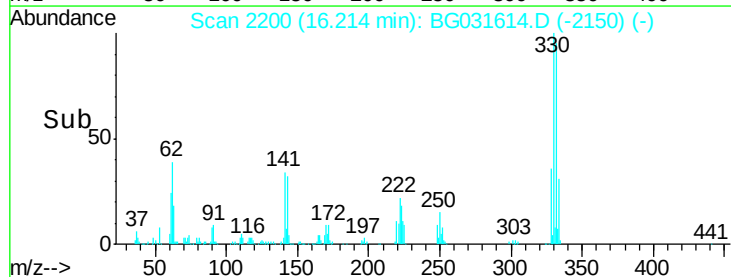
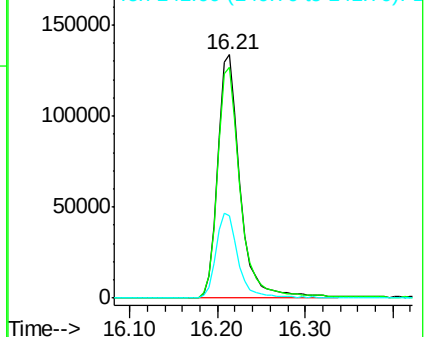
141 34.7 25.2 37.8

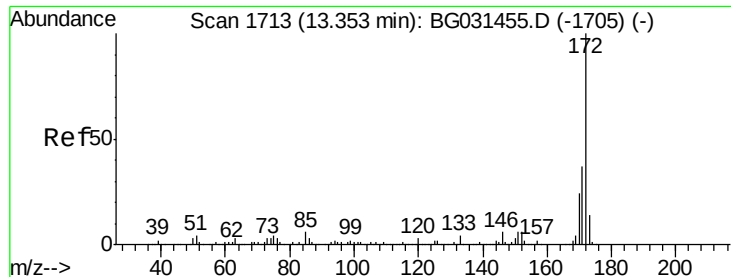


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

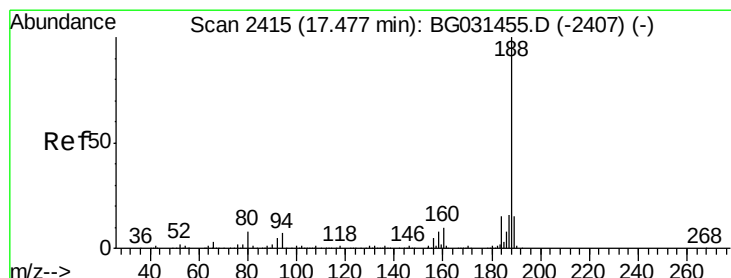
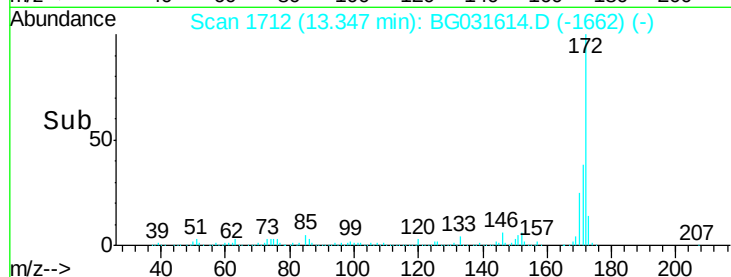
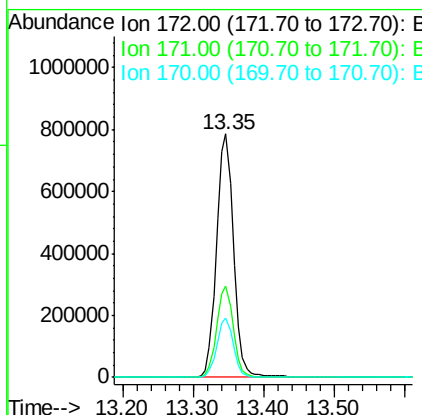
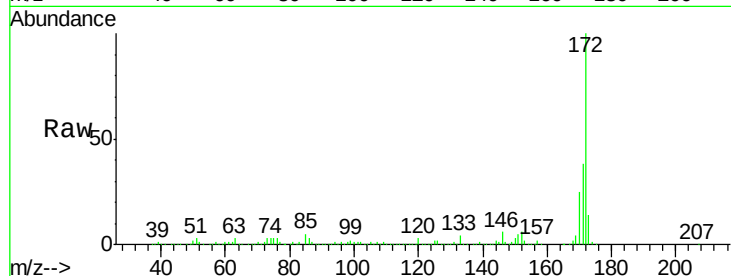




#44
2-Fluorobiphenyl
Concen: 90.435 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031614.D
Acq: 16 Dec 2017 7:28

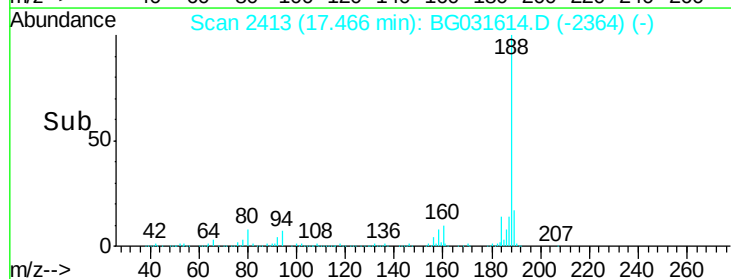
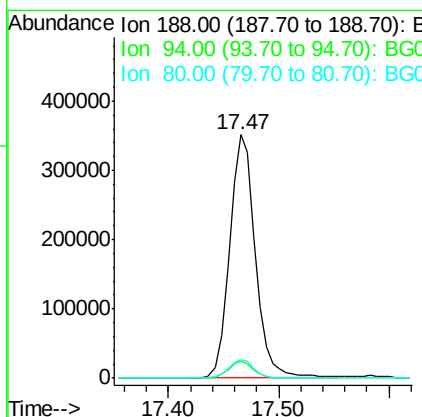
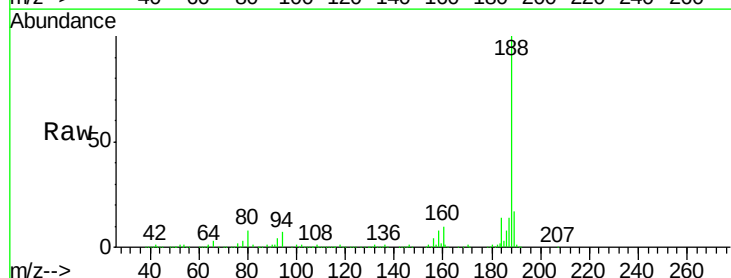
Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-B

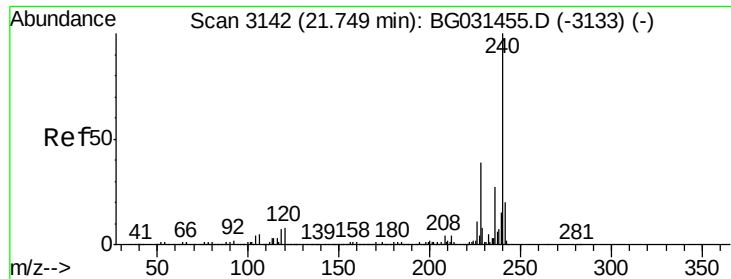
Tgt Ion:172 Resp: 1318186
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 24.5 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031614.D
Acq: 16 Dec 2017 7:28

Tgt Ion:188 Resp: 572589
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 7.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031614.D

Acq: 16 Dec 2017 7:28

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-D-B

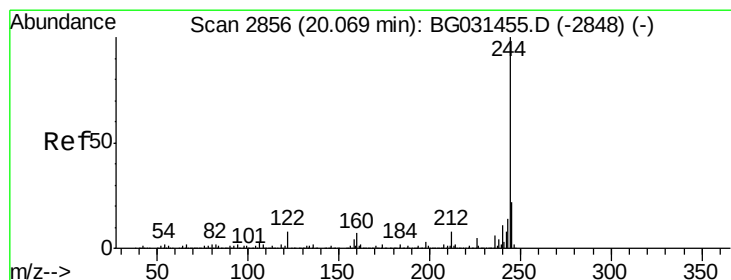
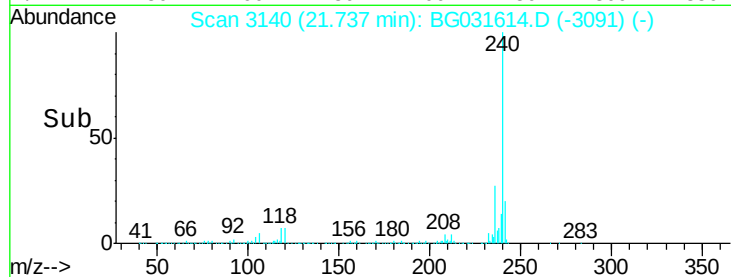
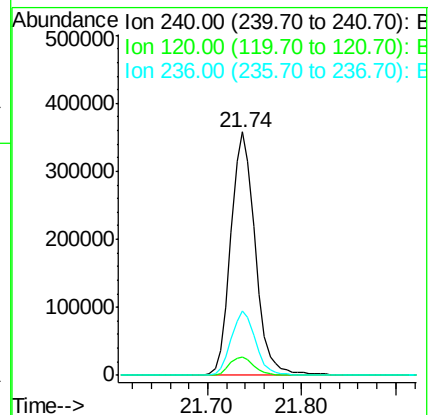
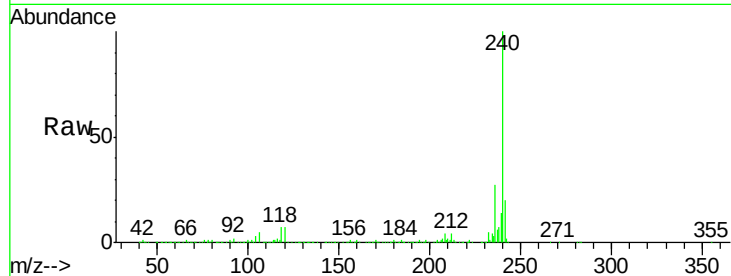
Tgt Ion:240 Resp: 643841

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

236 26.6 20.9 31.3



#78

Terphenyl-d14

Concen: 81.796 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031614.D

Acq: 16 Dec 2017 7:28

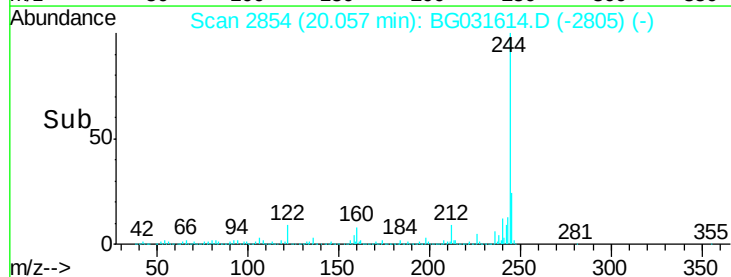
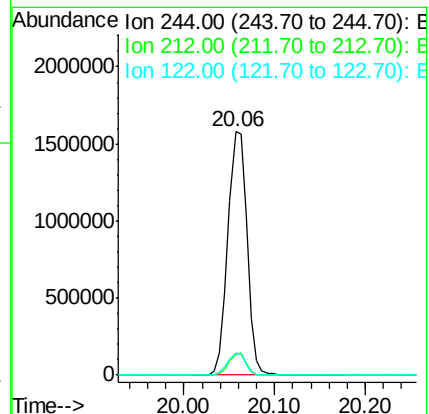
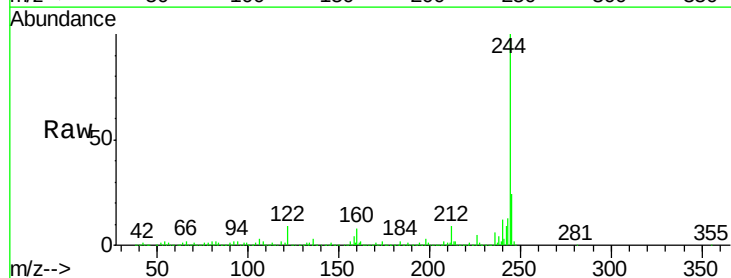
Tgt Ion:244 Resp: 2314716

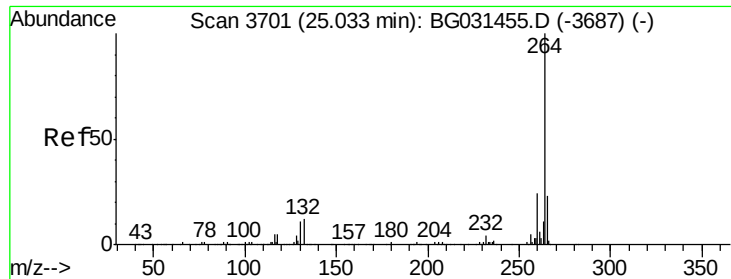
Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

122 9.3 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031614.D
Acq: 16 Dec 2017 7:28

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-B

Tgt Ion: 264 Resp: 557463
Ion Ratio Lower Upper
264 100
260 23.7 17.4 26.0
265 21.9 17.7 26.5

