

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031615.D
 Acq On : 16 Dec 2017 8:06
 Operator : SJ/JU
 Sample : I6880-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 18 03:27:08 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	68165	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	293504	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	202512	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	543266	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	614044	20.00	ng	-0.01
86) Perylene-d12	25.02	264	520991	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	177552	46.17	ng	-0.01
7) Phenol-d6	7.27	99	139919	26.21	ng	0.00
23) Nitrobenzene-d5	9.27	82	425520	89.36	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	231644	97.64	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1286978	93.28	ng	0.00
78) Terphenyl-d14	20.06	244	2268625	84.06	ng	-0.01

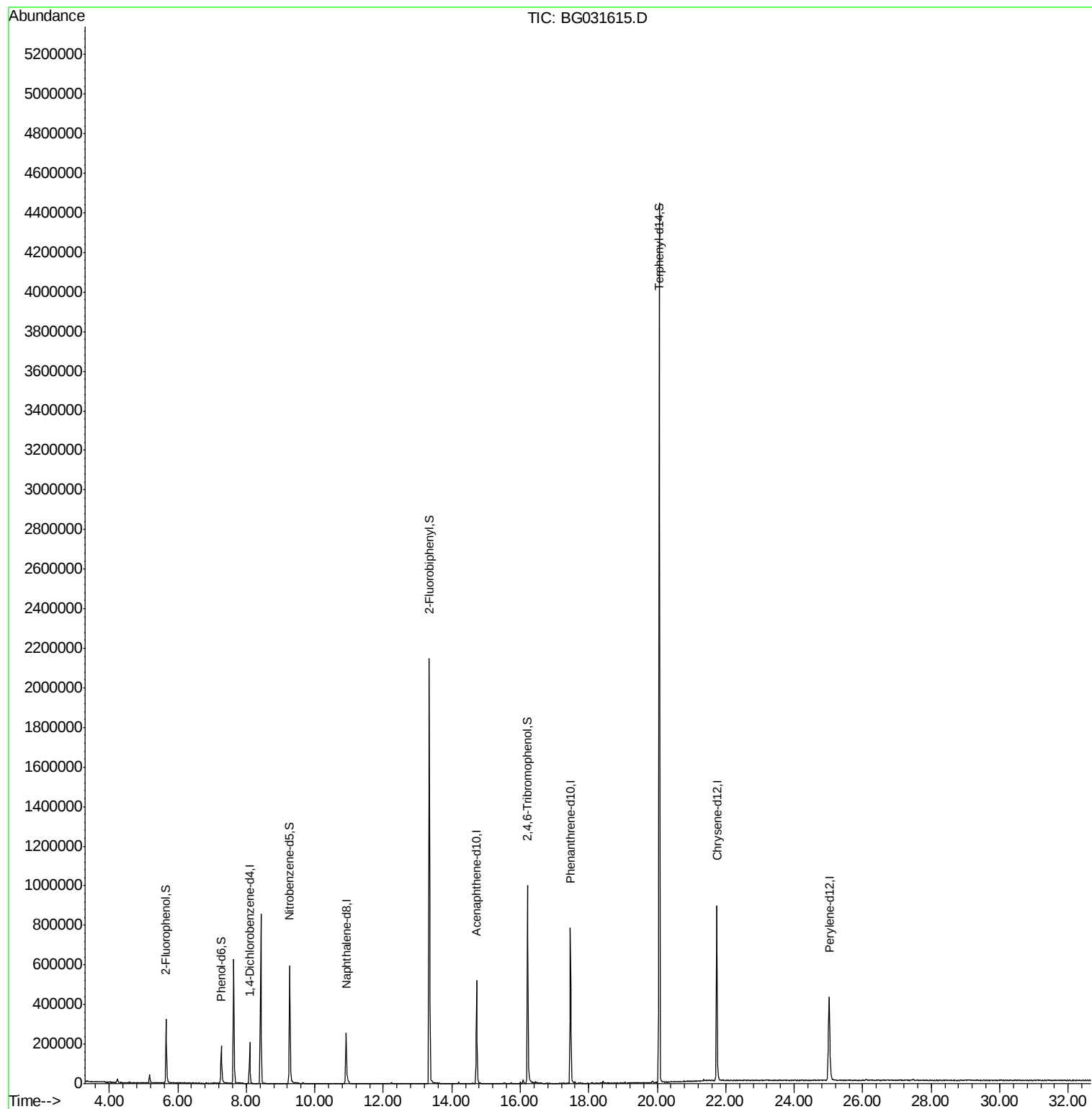
Target Compounds	Qvalue
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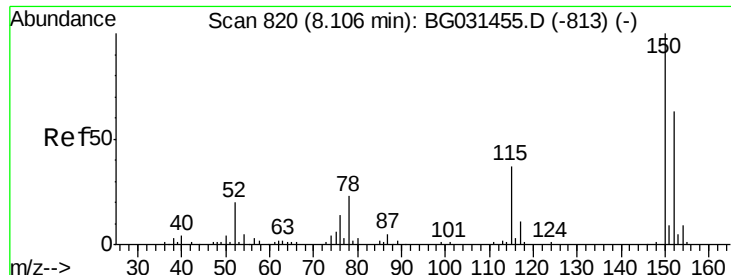
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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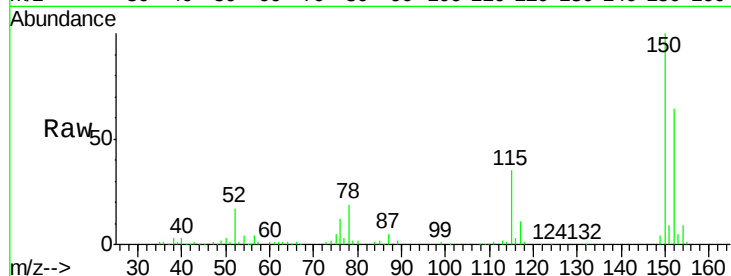


#1

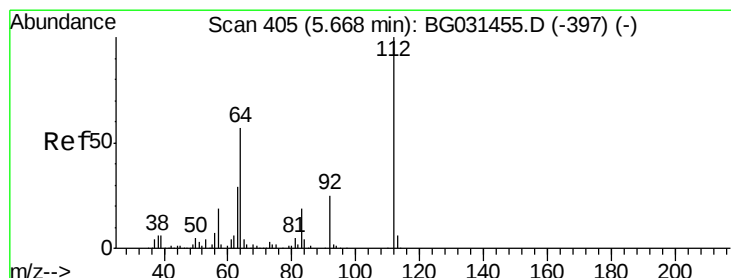
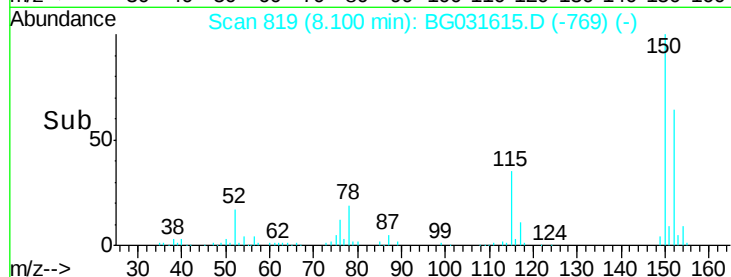
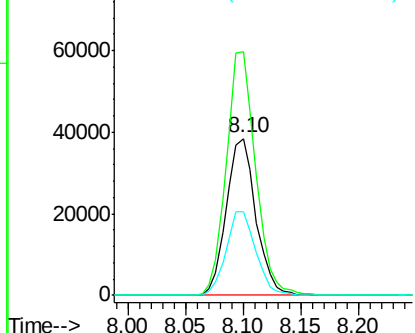
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG031615.D
 Acq: 16 Dec 2017 8:06

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

Tgt Ion:152 Resp: 68165
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.6 189.8
 115 53.7 53.0 79.4



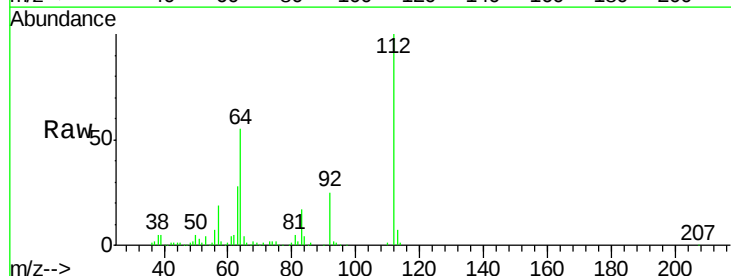
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



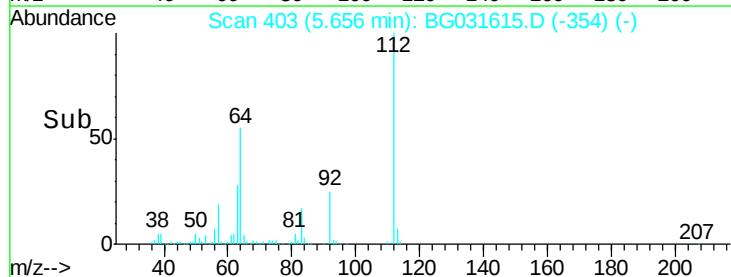
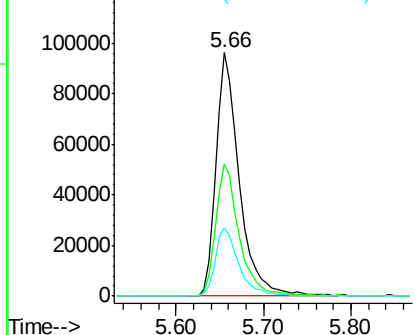
#5

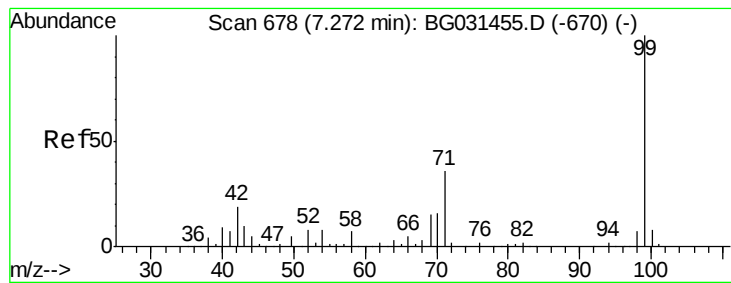
2-Fluorophenol
 Concen: 46.169 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031615.D
 Acq: 16 Dec 2017 8:06

Tgt Ion:112 Resp: 177552
 Ion Ratio Lower Upper
 112 100
 64 54.6 56.3 84.5#
 63 28.0 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: 26.209 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031615.D

Acq: 16 Dec 2017 8:06

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-D-S

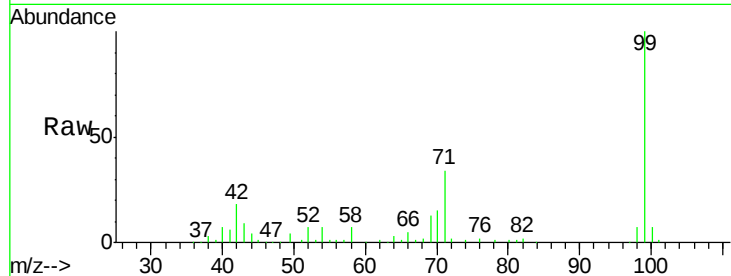
Tgt Ion: 99 Resp: 139919

Ion Ratio Lower Upper

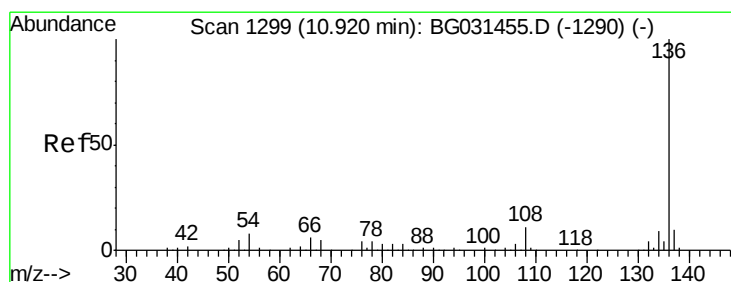
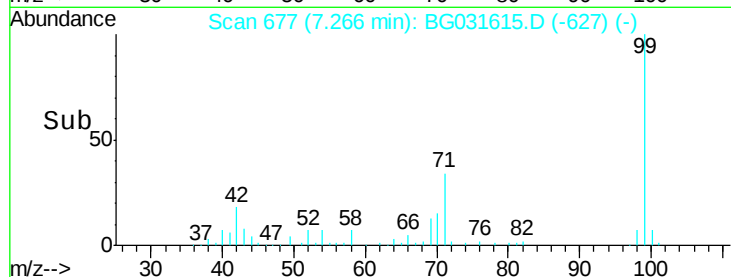
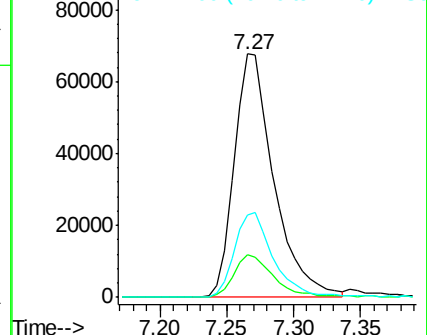
99 100

42 17.6 14.1 21.1

71 33.6 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031615.D

Acq: 16 Dec 2017 8:06

Tgt Ion: 136 Resp: 293504

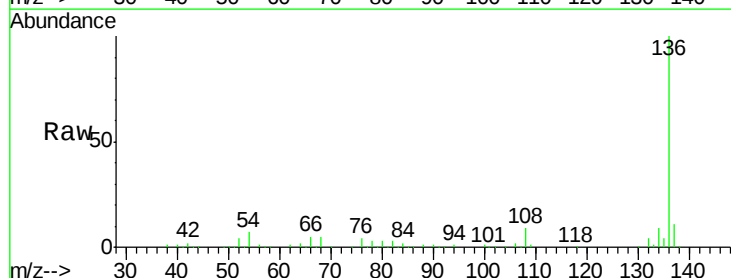
Ion Ratio Lower Upper

136 100

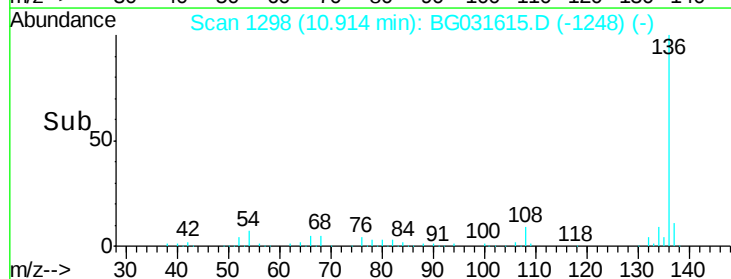
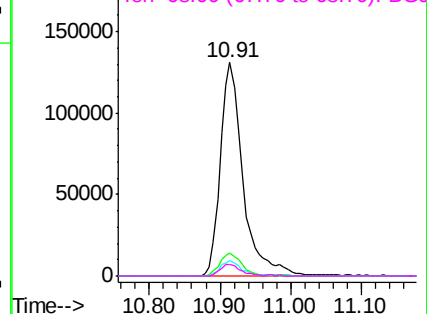
137 10.6 9.2 13.8

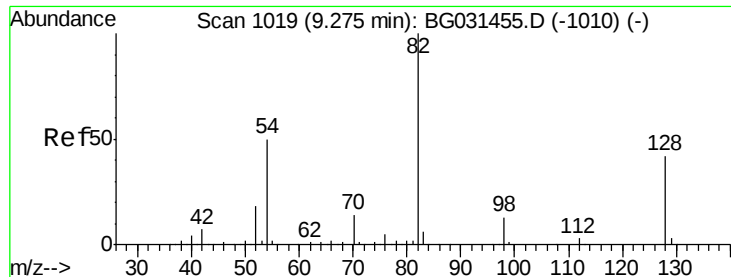
54 7.0 10.3 15.5#

68 5.3 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

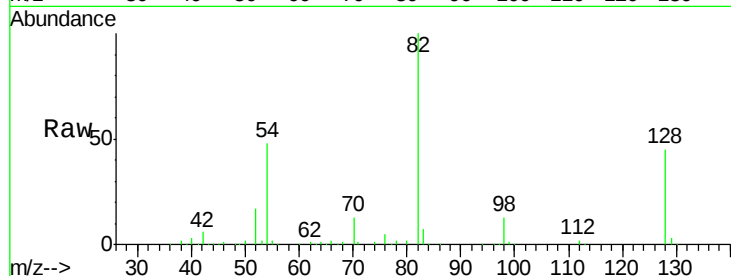




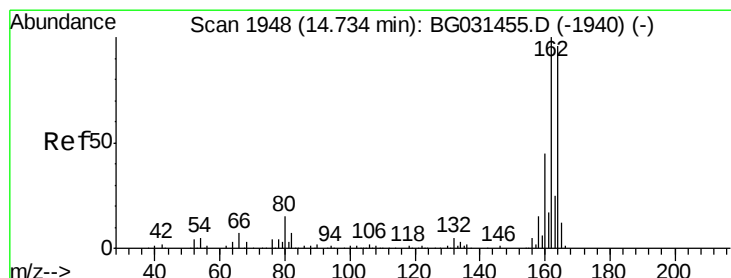
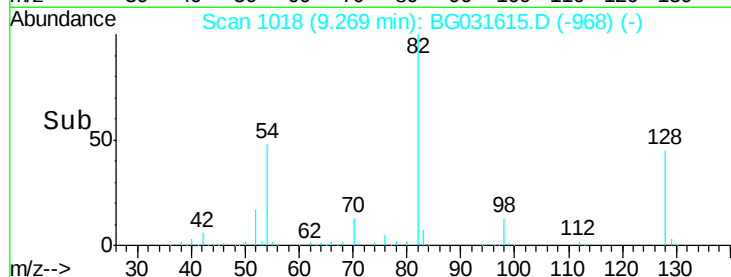
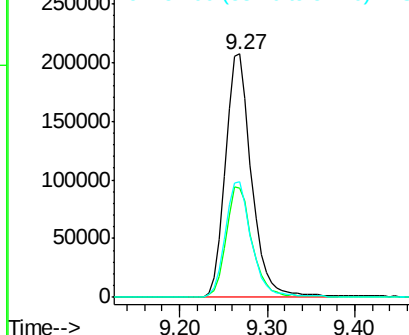
#23
Nitrobenzene-d5
Concen: 89.360 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

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

Tgt Ion: 82 Resp: 425520
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 47.7 43.1 64.7

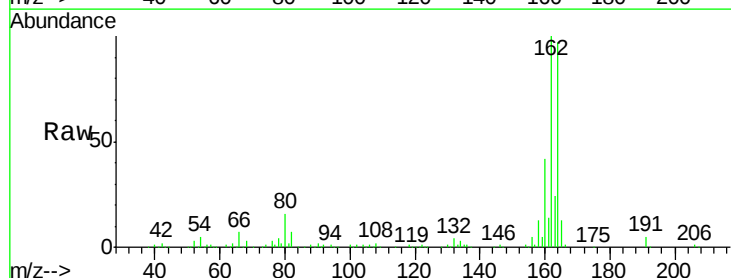


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

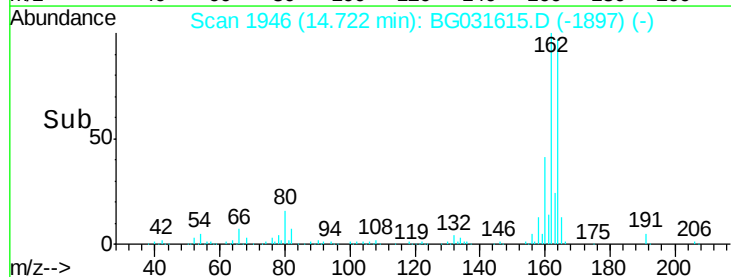
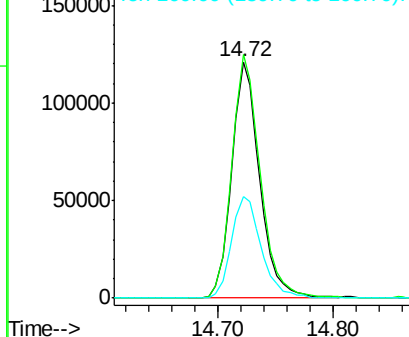


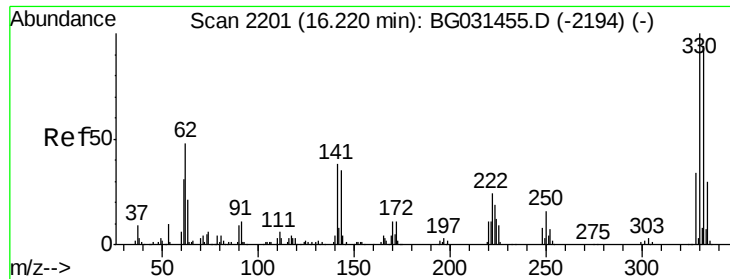
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Tgt Ion: 164 Resp: 202512
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 42.9 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

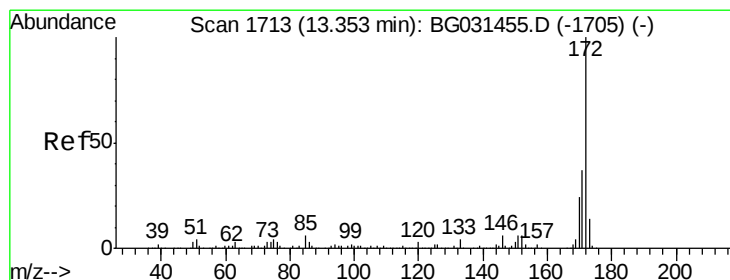
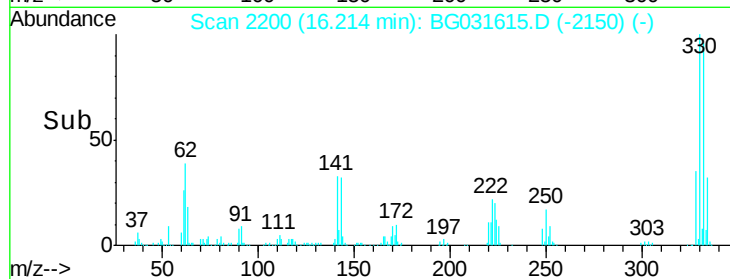
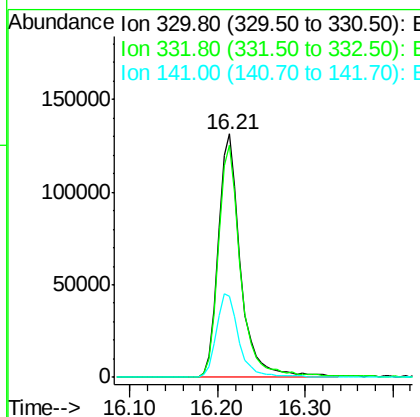
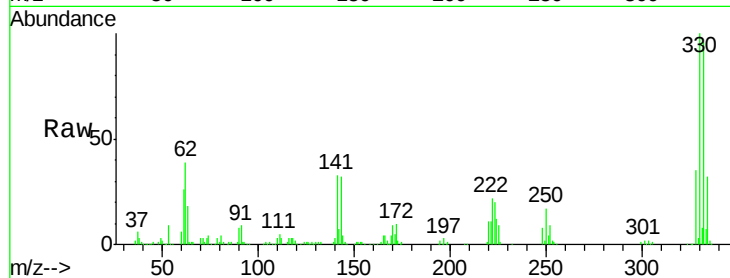




#41
 2,4,6-Tribromophenol
 Concen: 97.637 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031615.D
 Acq: 16 Dec 2017 8:06

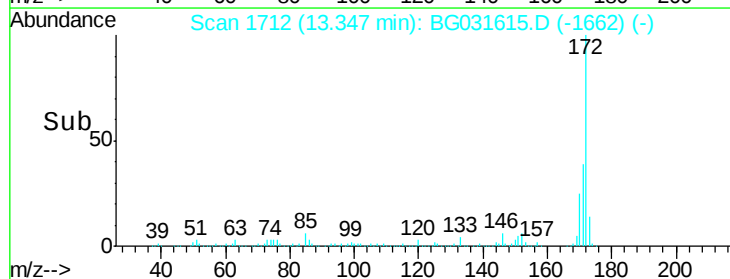
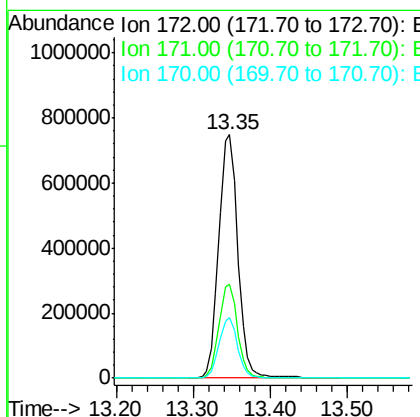
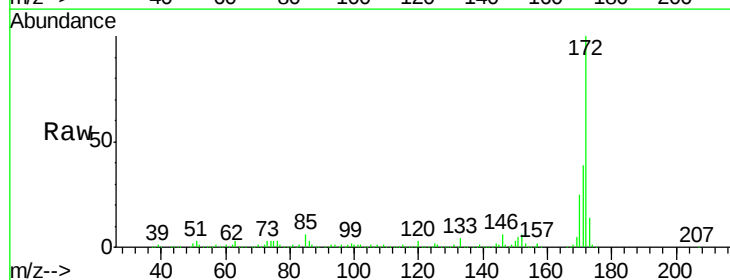
Instrument :
 BNA_G
 ClientSampleId :
 120817-FOPI-F-D-S

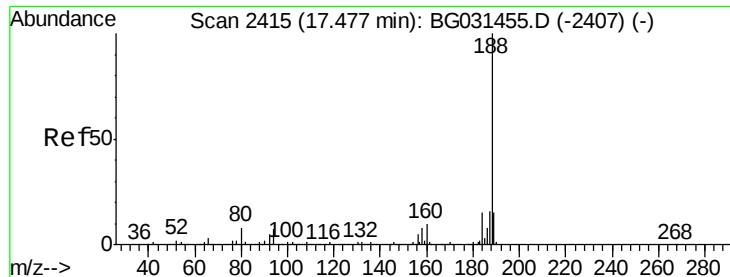
Tgt Ion:330 Resp: 231644
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 34.9 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 93.284 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031615.D
 Acq: 16 Dec 2017 8:06

Tgt Ion:172 Resp: 1286978
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 24.9 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: BG031615.D

Acq: 16 Dec 2017 8:06

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-D-S

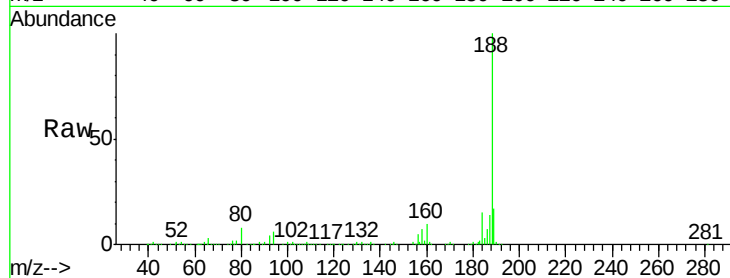
Tgt Ion:188 Resp: 543266

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

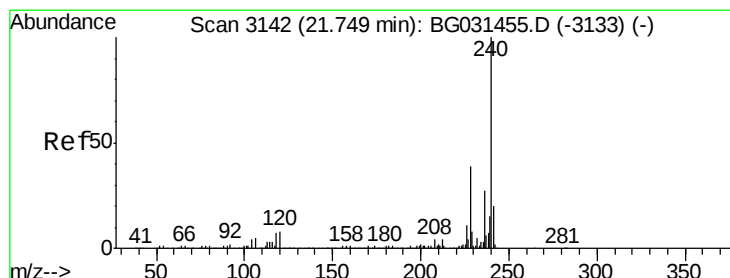
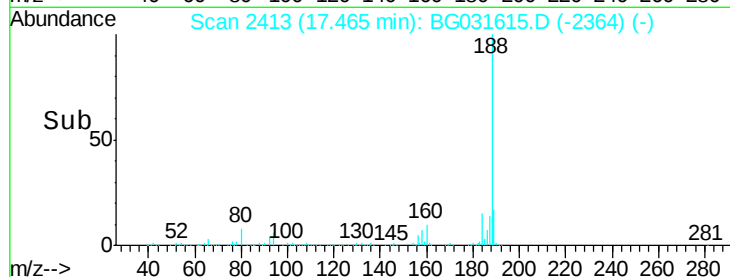
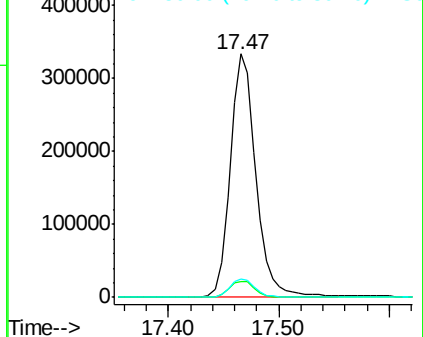
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031615.D

Acq: 16 Dec 2017 8:06

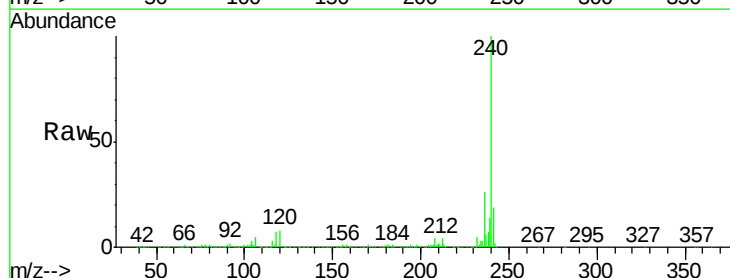
Tgt Ion:240 Resp: 614044

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

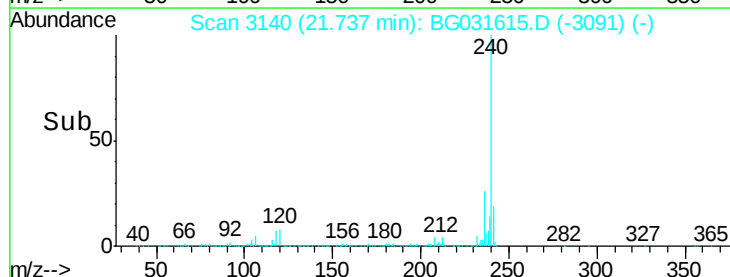
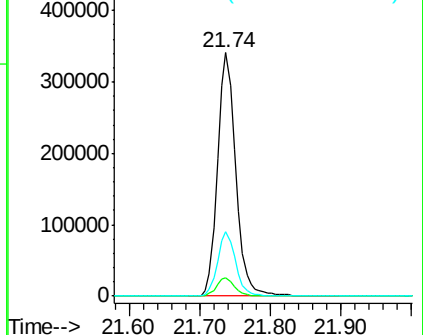
236 26.3 20.9 31.3

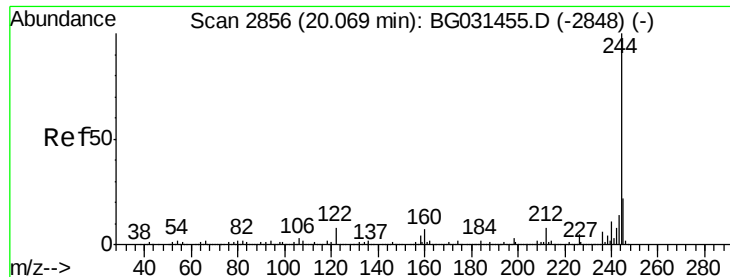


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.057 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031615.D

Acq: 16 Dec 2017 8:06

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-D-S

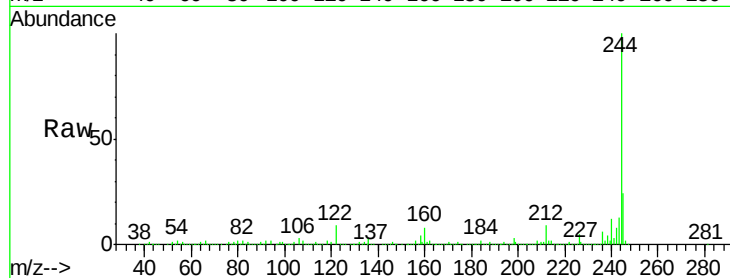
Tgt Ion:244 Resp: 2268625

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

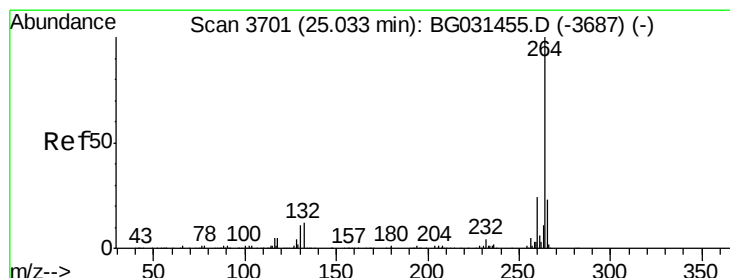
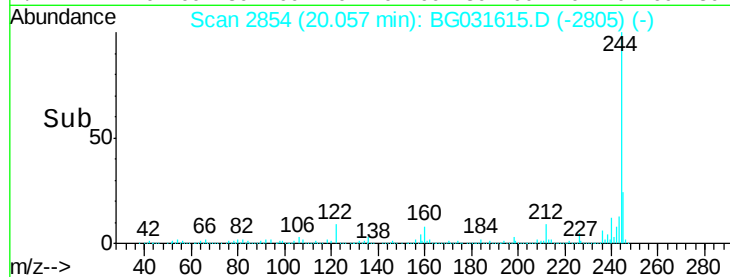
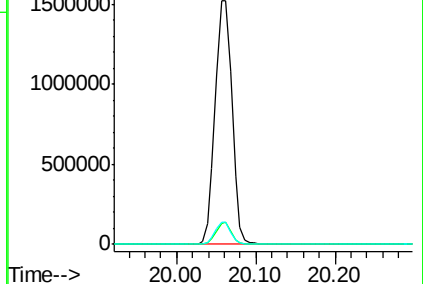
122 9.2 7.0 10.4



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: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031615.D

Acq: 16 Dec 2017 8:06

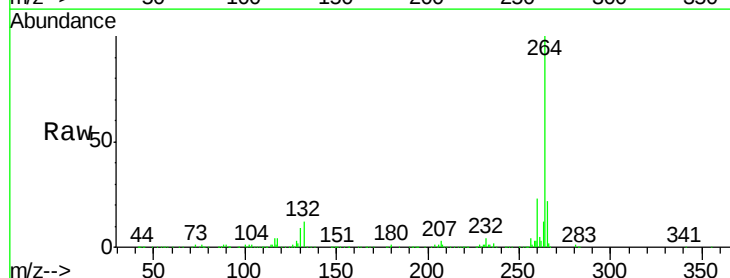
Tgt Ion:264 Resp: 520991

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.7 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

