

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031616.D
 Acq On : 16 Dec 2017 8:43
 Operator : SJ/JU
 Sample : I6880-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 18 03:27:19 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	70709	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	304843	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	212380	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	568663	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	648154	20.00	ng	-0.01
86) Perylene-d12	25.02	264	549289	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	178224	44.68	ng	0.00
7) Phenol-d6	7.27	99	140982	25.46	ng	0.00
23) Nitrobenzene-d5	9.27	82	430610	87.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	243782	97.98	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1317357	91.05	ng	0.00
78) Terphenyl-d14	20.06	244	2293807	80.52	ng	-0.01

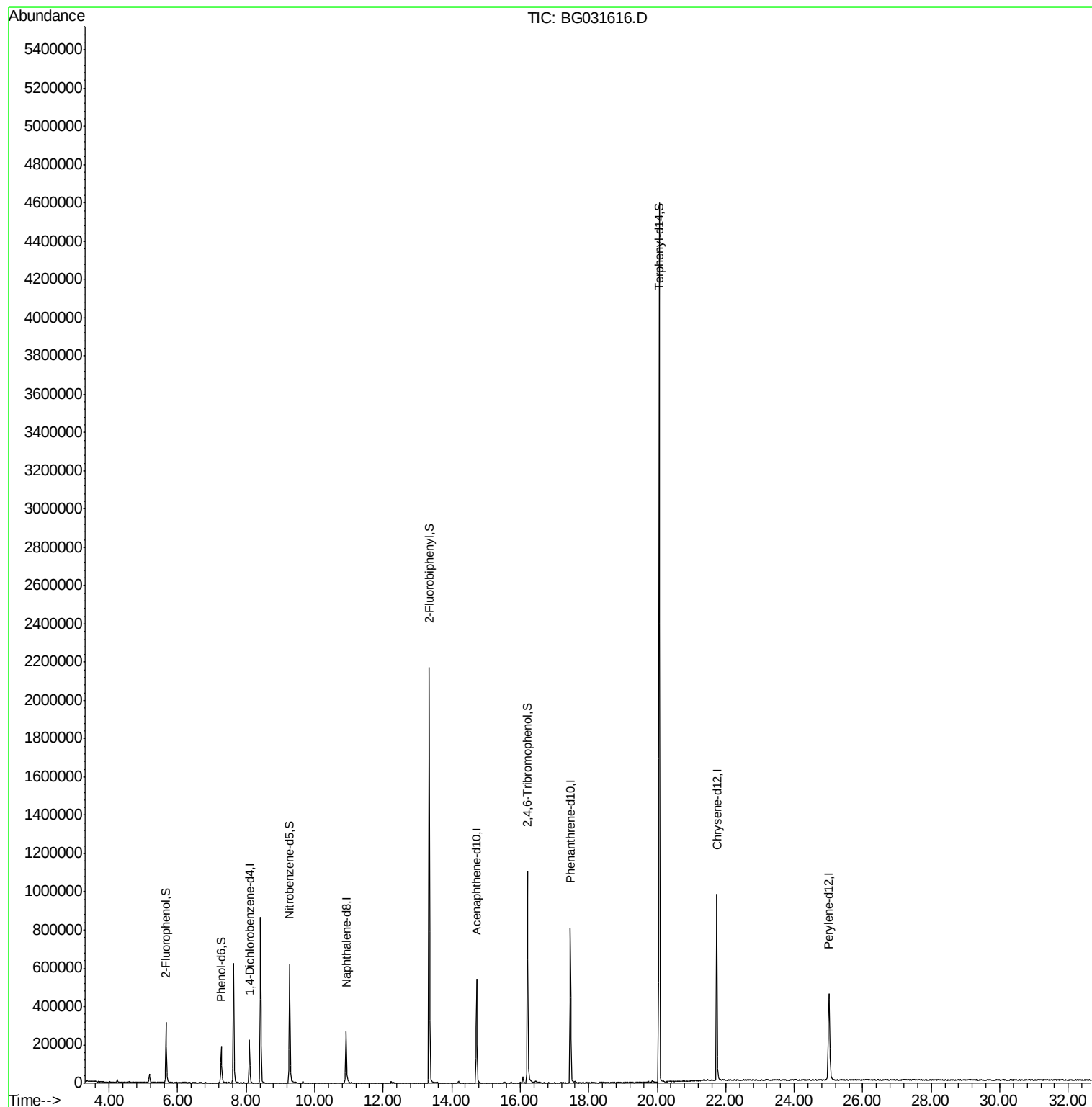
Target Compounds	Qvalue
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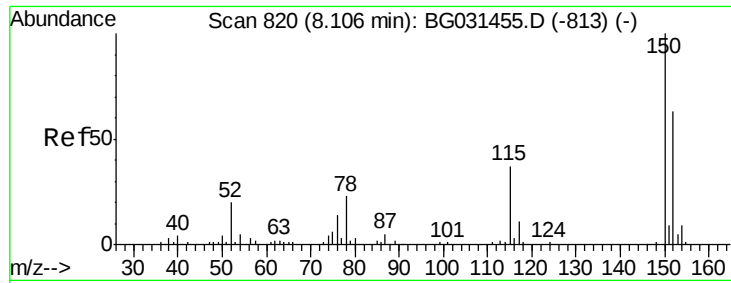
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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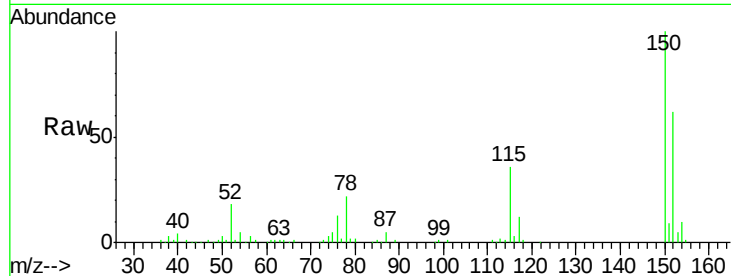




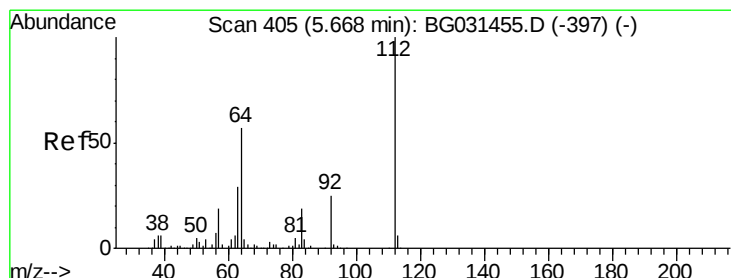
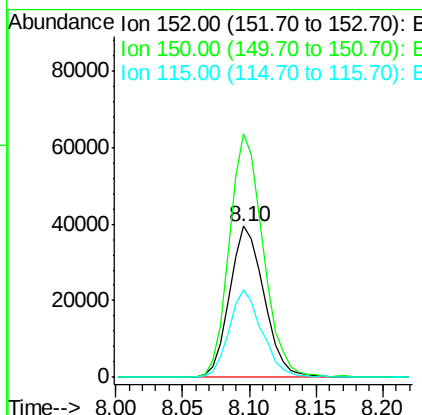
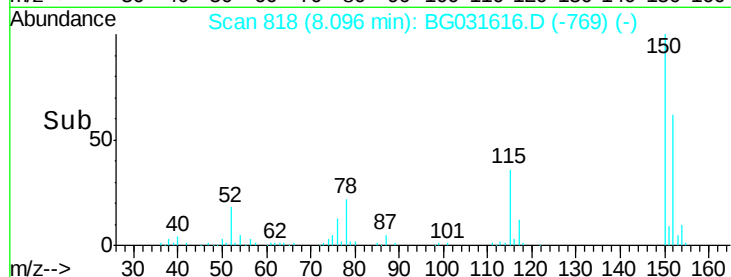
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031616.D
 Acq: 16 Dec 2017 8:43

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

Tgt Ion:152 Resp: 70709
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.6 189.8
 115 58.0 53.0 79.4

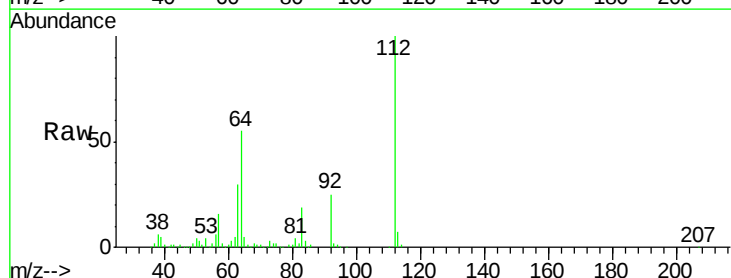


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

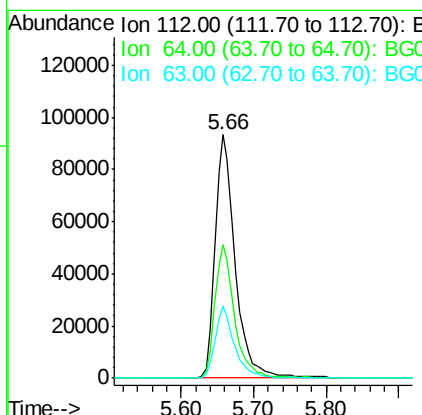
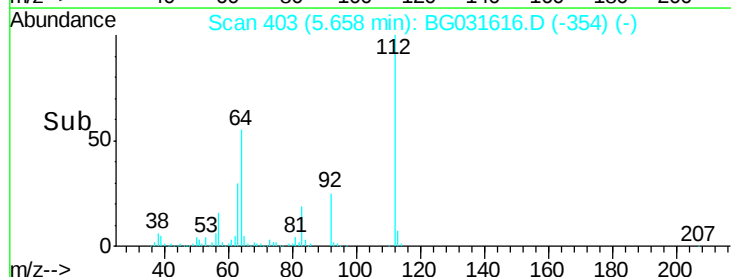


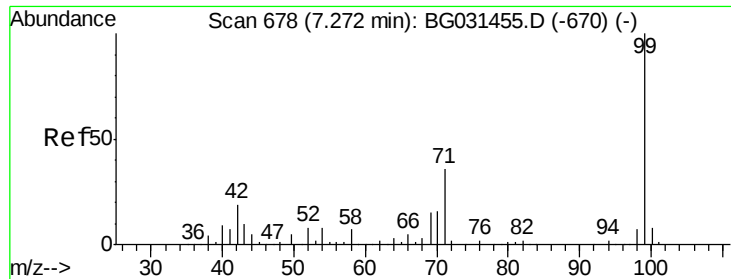
#5
 2-Fluorophenol
 Concen: 44.677 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031616.D
 Acq: 16 Dec 2017 8:43

Tgt Ion:112 Resp: 178224
 Ion Ratio Lower Upper
 112 100
 64 55.0 56.3 84.5#
 63 29.6 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: 25.458 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031616.D

Acq: 16 Dec 2017 8:43

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-U-B

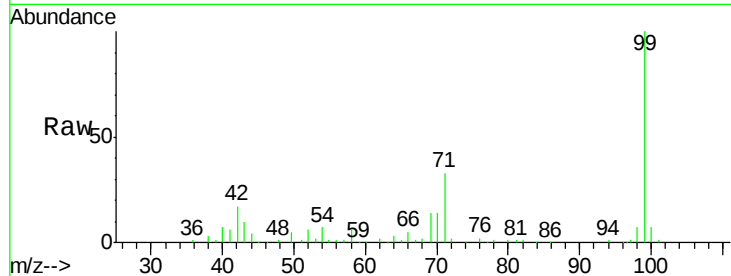
Tgt Ion: 99 Resp: 140982

Ion Ratio Lower Upper

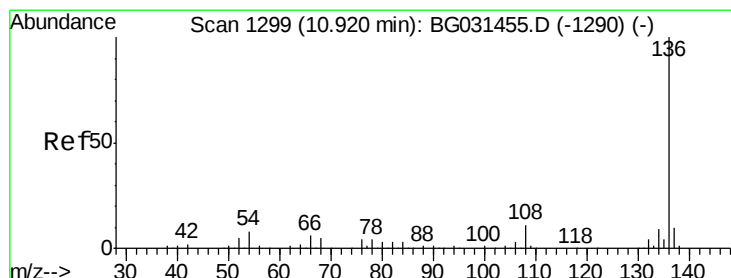
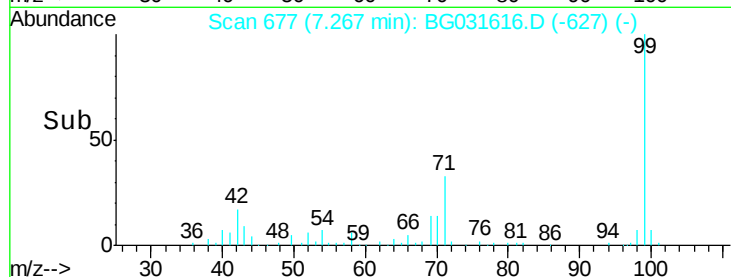
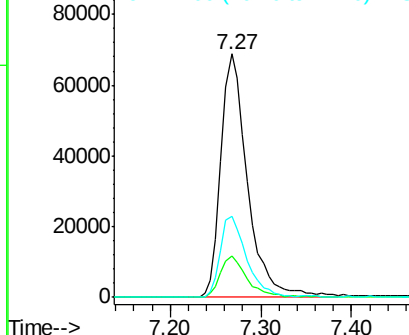
99 100

42 16.8 14.1 21.1

71 33.1 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: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031616.D

Acq: 16 Dec 2017 8:43

Tgt Ion: 136 Resp: 304843

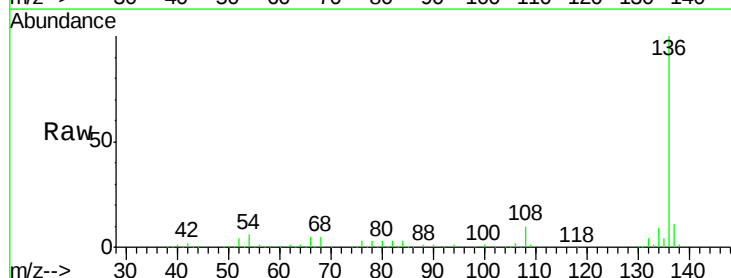
Ion Ratio Lower Upper

136 100

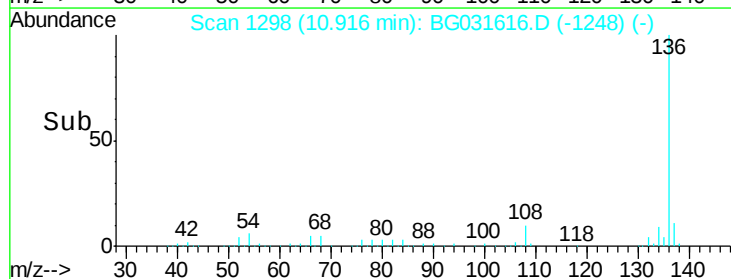
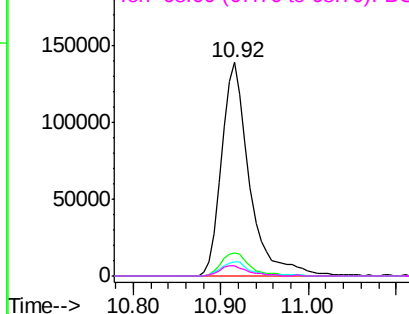
137 11.1 9.2 13.8

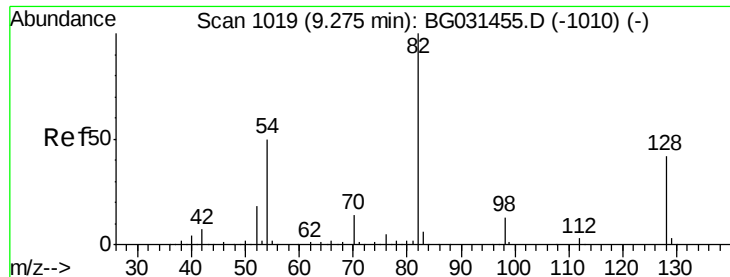
54 6.5 10.3 15.5#

68 4.5 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

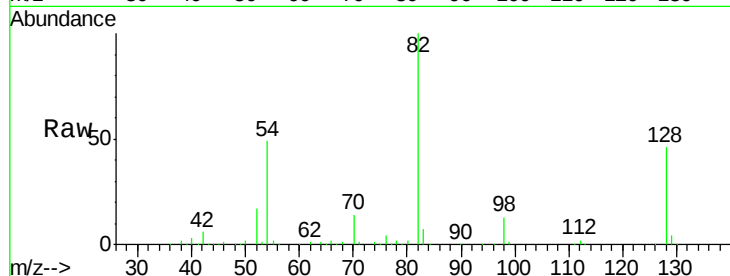




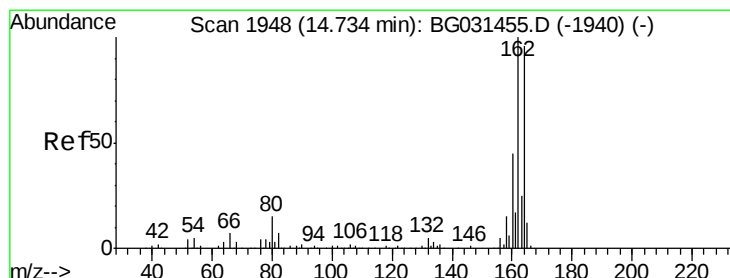
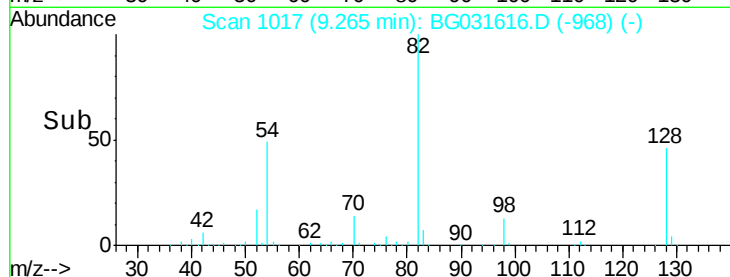
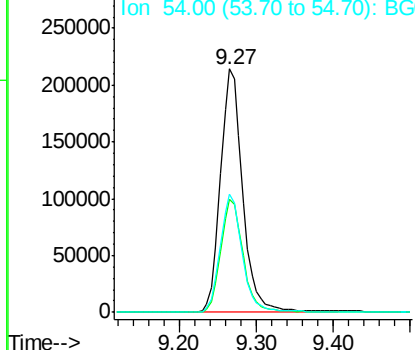
#23
Nitrobenzene-d5
Concen: 87.066 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031616.D
Acq: 16 Dec 2017 8:43

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

Tgt Ion: 82 Resp: 430610
Ion Ratio Lower Upper
82 100
128 46.5 29.7 44.5#
54 48.8 43.1 64.7

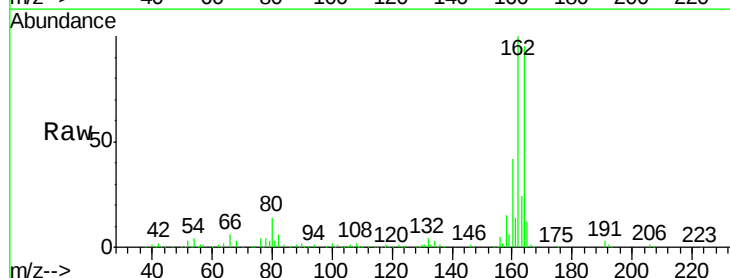


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

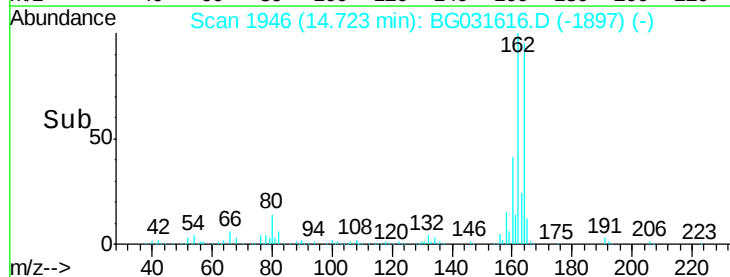
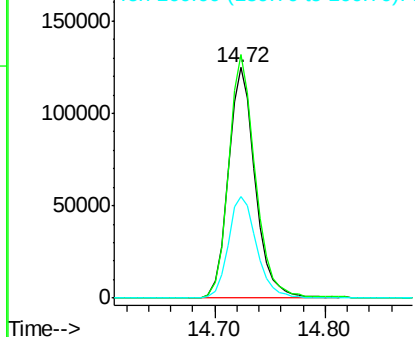


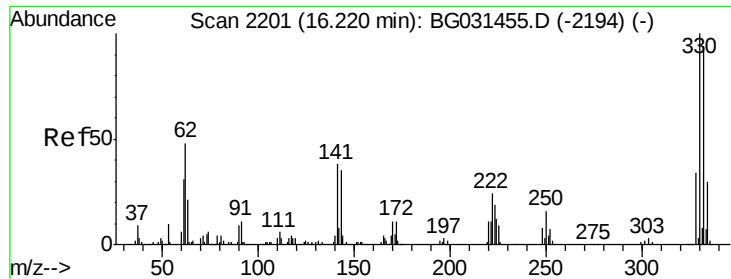
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031616.D
Acq: 16 Dec 2017 8:43

Tgt Ion: 164 Resp: 212380
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 44.0 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

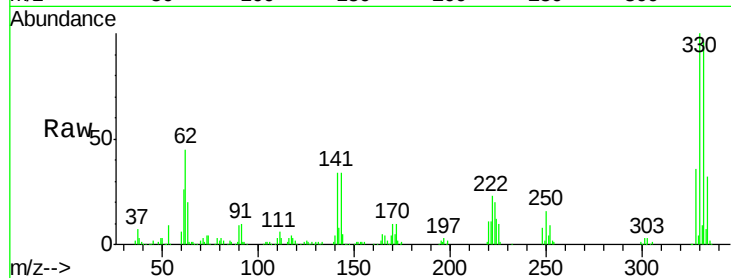




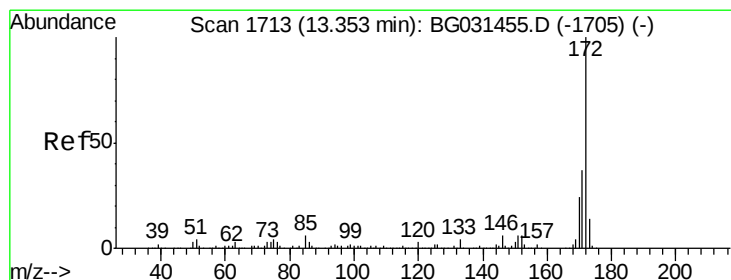
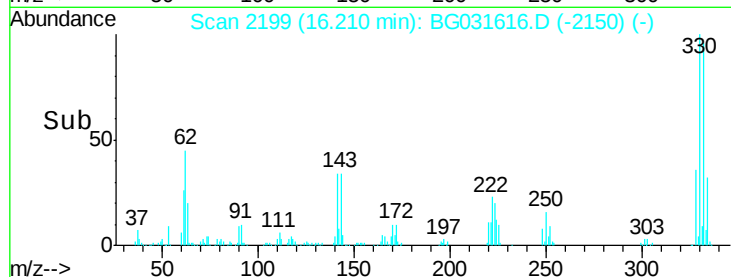
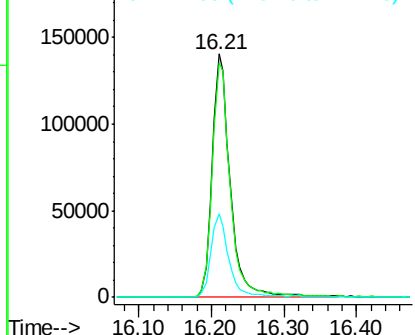
#41
 2,4,6-Tribromophenol
 Concen: 97.978 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031616.D
 Acq: 16 Dec 2017 8:43

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

Tgt Ion:330 Resp: 243782
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 34.4 25.2 37.8

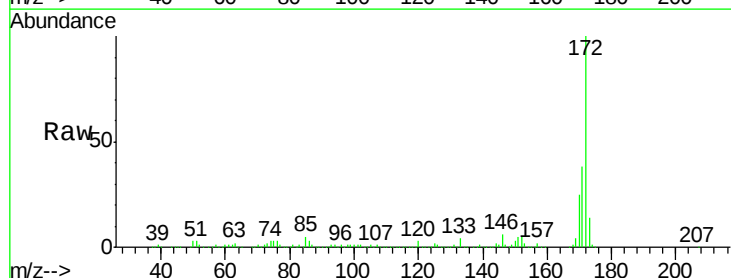


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

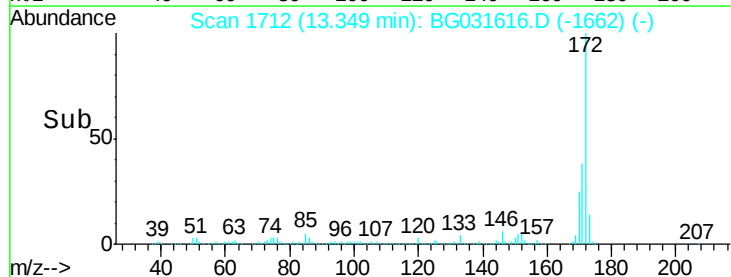
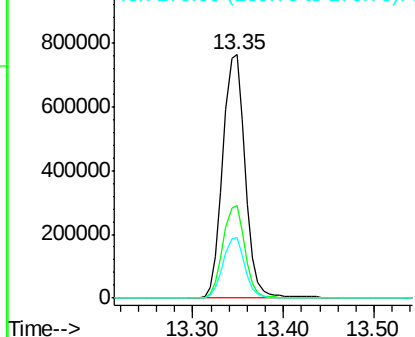


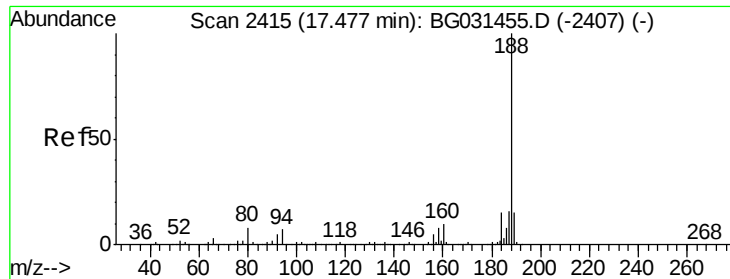
#44
 2-Fluorobiphenyl
 Concen: 91.049 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031616.D
 Acq: 16 Dec 2017 8:43

Tgt Ion:172 Resp: 1317357
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.6 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

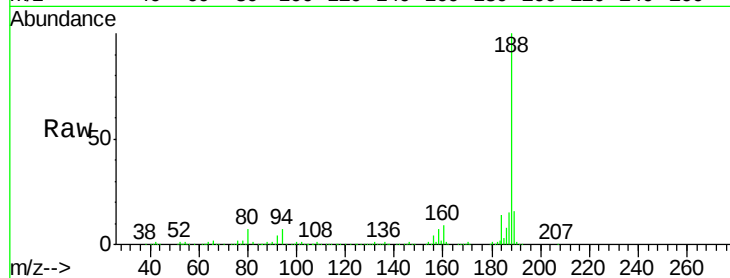




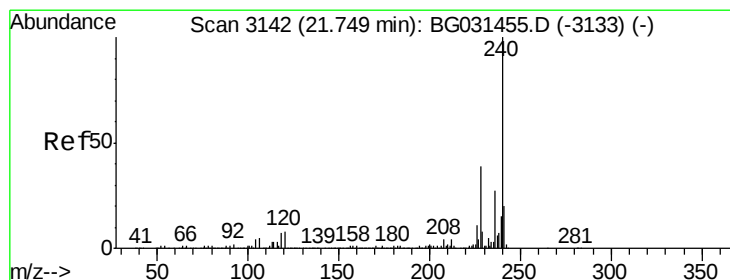
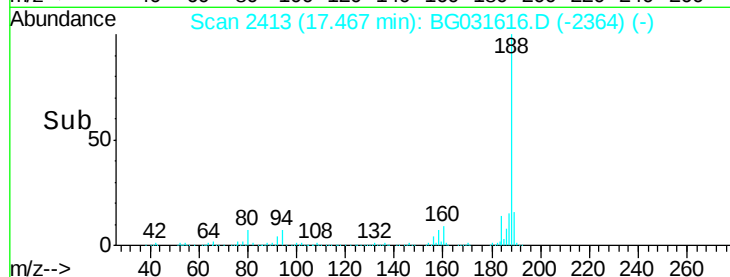
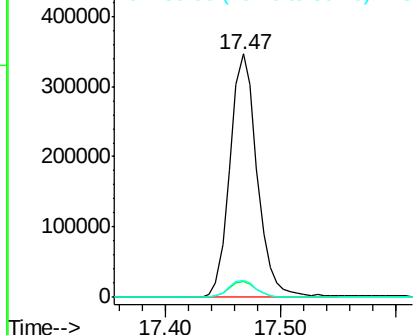
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031616.D
Acq: 16 Dec 2017 8:43

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

Tgt Ion:188 Resp: 568663
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.2 7.7 11.5#

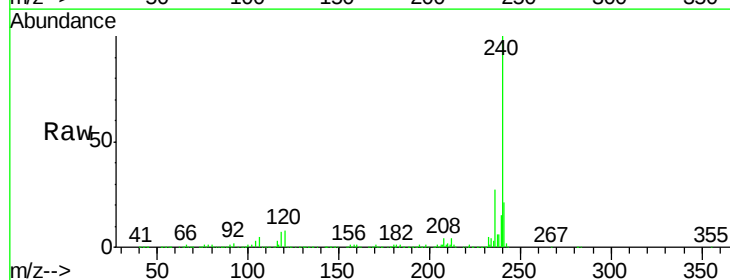


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

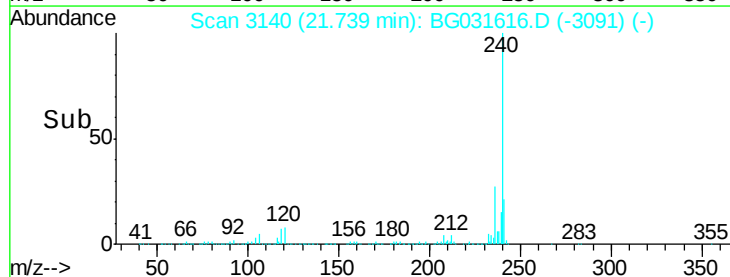
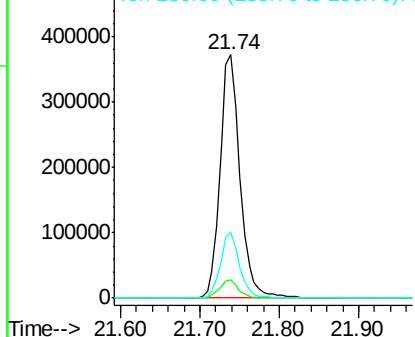


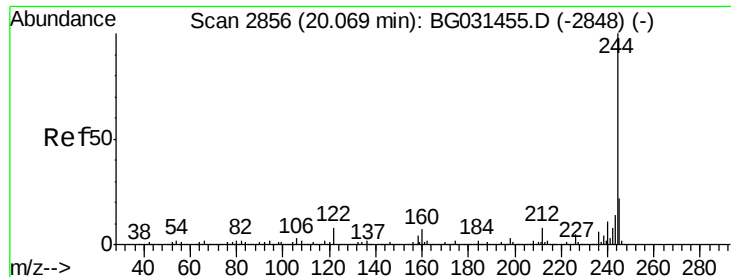
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031616.D
Acq: 16 Dec 2017 8:43

Tgt Ion:240 Resp: 648154
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 27.1 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: 80.518 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031616.D

Acq: 16 Dec 2017 8:43

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-U-B

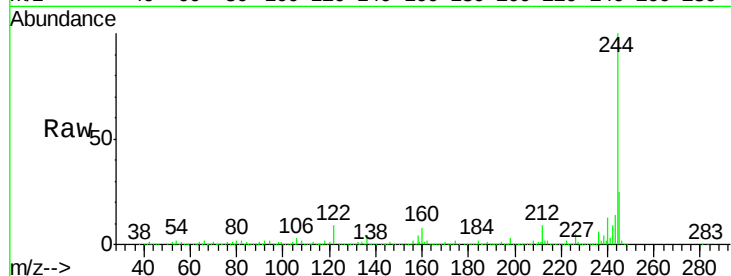
Tgt Ion:244 Resp: 2293807

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

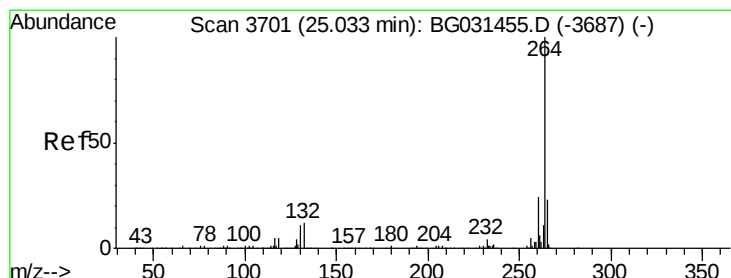
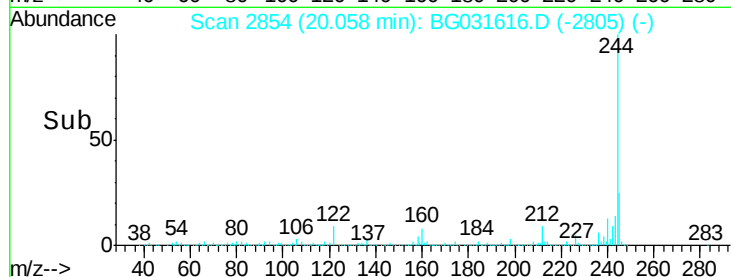
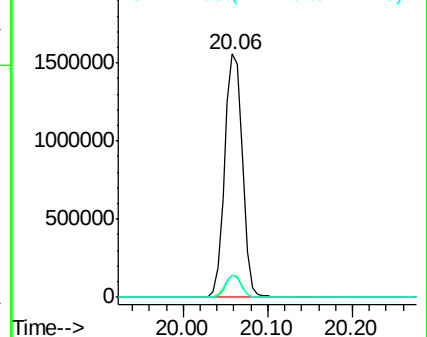
122 9.3 7.0 10.4



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: BG031616.D

Acq: 16 Dec 2017 8:43

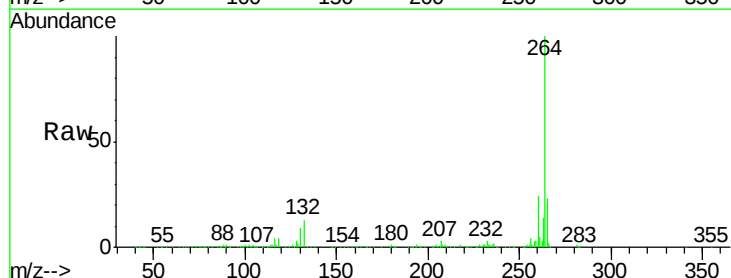
Tgt Ion:264 Resp: 549289

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.8 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

