

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031619.D
 Acq On : 16 Dec 2017 10:36
 Operator : SJ/JU
 Sample : I6880-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-D-M

Quant Time: Dec 18 03:27:56 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

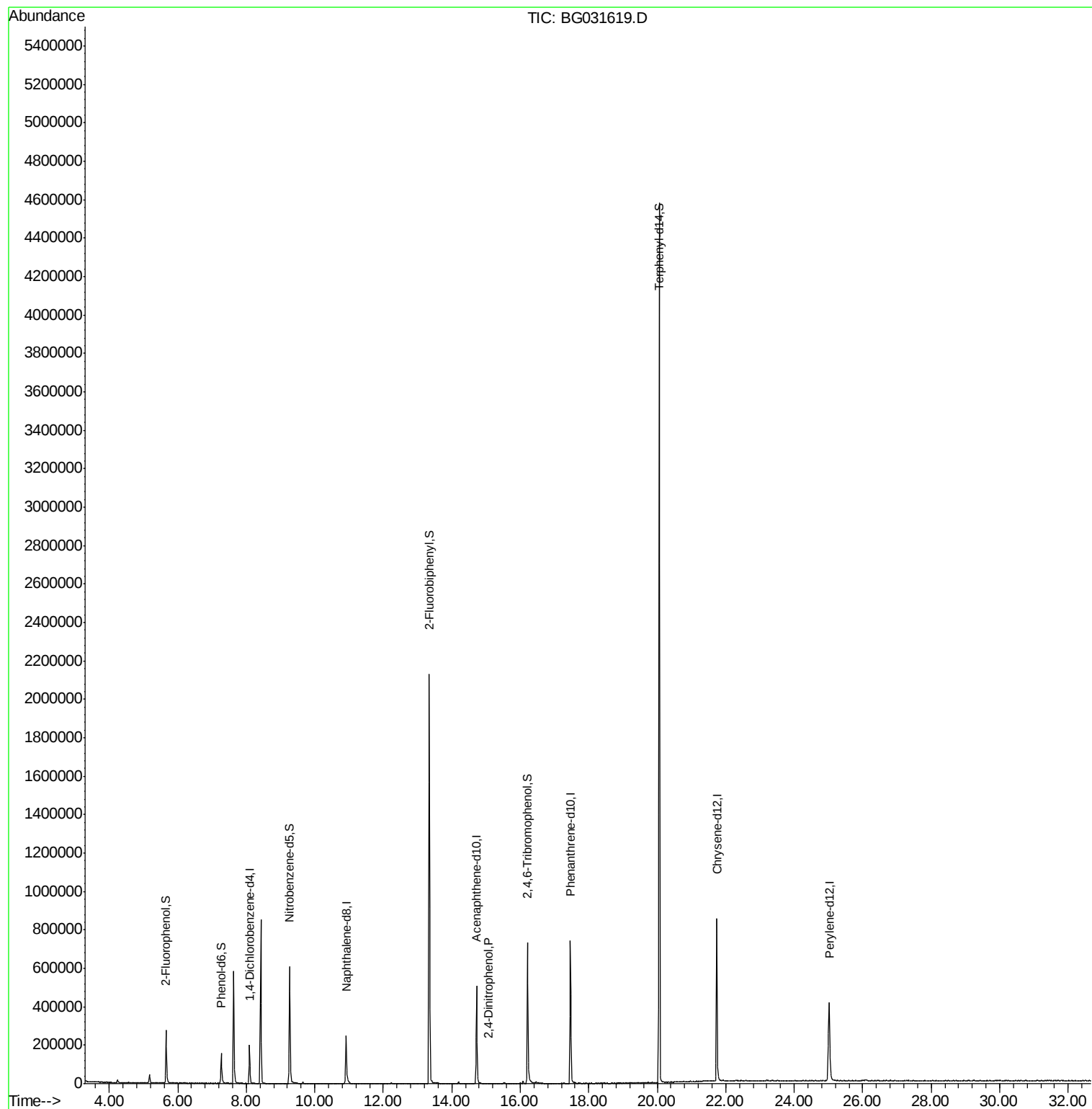
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	65445	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	284298	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	199368	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	534824	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	615270	20.00	ng	-0.01
86) Perylene-d12	25.02	264	513622	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	157308	42.61	ng	-0.01
7) Phenol-d6	7.27	99	119882	23.39	ng	0.00
23) Nitrobenzene-d5	9.26	82	424130	91.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	179906	77.03	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1304575	96.05	ng	0.00
78) Terphenyl-d14	20.06	244	2290046	84.68	ng	-0.01
Target Compounds						
53) 2,4-Dinitrophenol	15.07	184	54	9.084	ng	Qvalue # 1

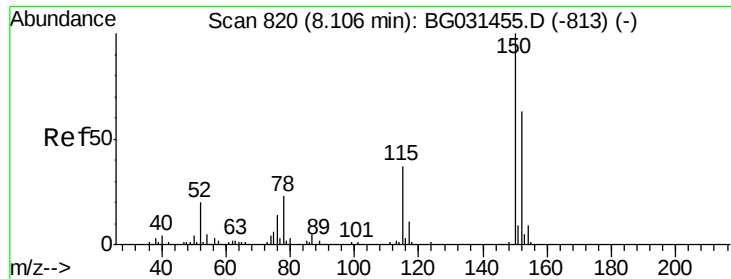
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



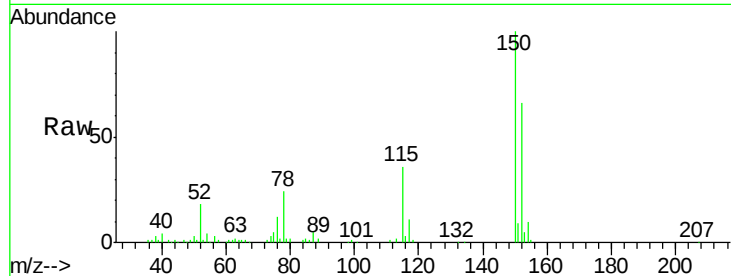


#1

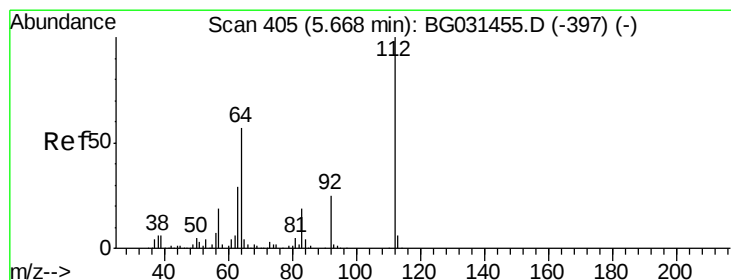
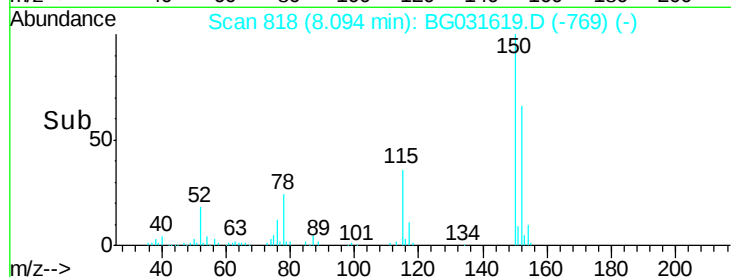
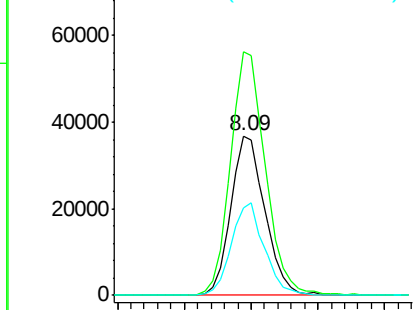
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031619.D
 Acq: 16 Dec 2017 10:36

Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-D-M

Tgt Ion:152 Resp: 65445
 Ion Ratio Lower Upper
 152 100
 150 152.4 126.6 189.8
 115 55.2 53.0 79.4



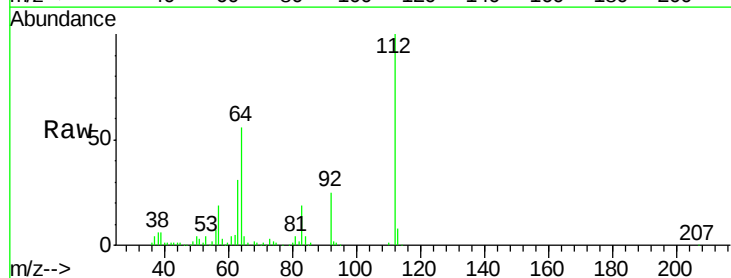
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



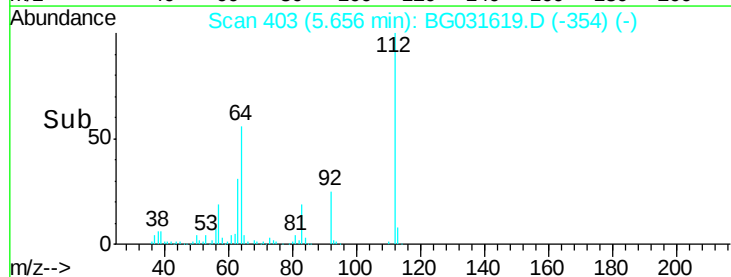
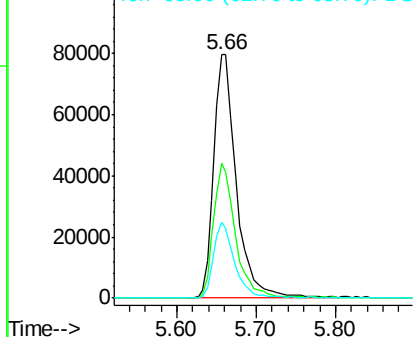
#5

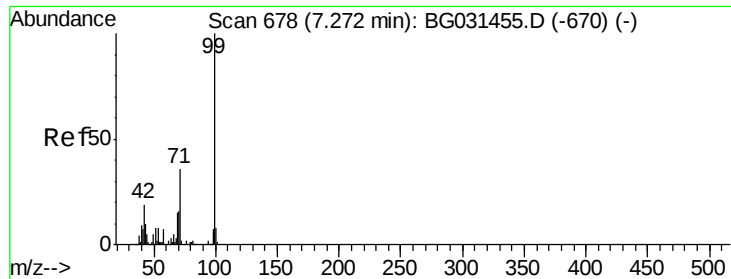
2-Fluorophenol
 Concen: 42.605 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031619.D
 Acq: 16 Dec 2017 10:36

Tgt Ion:112 Resp: 157308
 Ion Ratio Lower Upper
 112 100
 64 55.5 56.3 84.5#
 63 31.4 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: 23.389 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031619.D

Acq: 16 Dec 2017 10:36

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-M

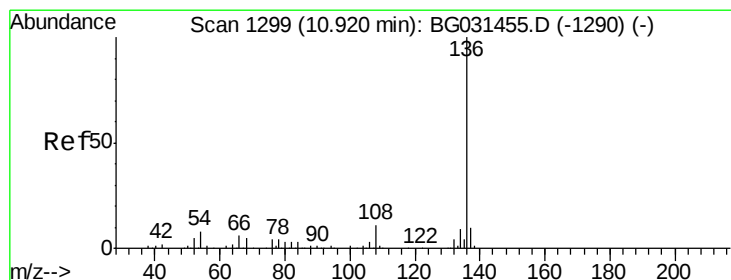
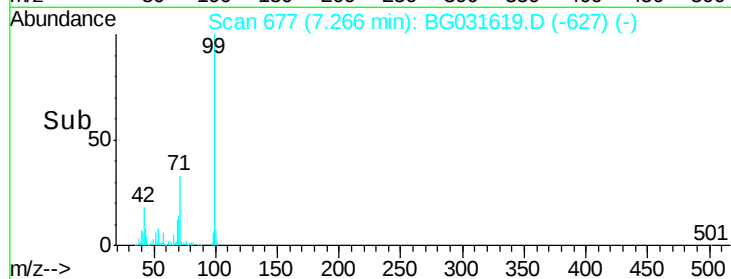
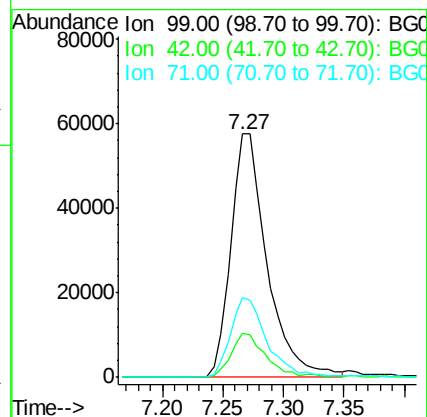
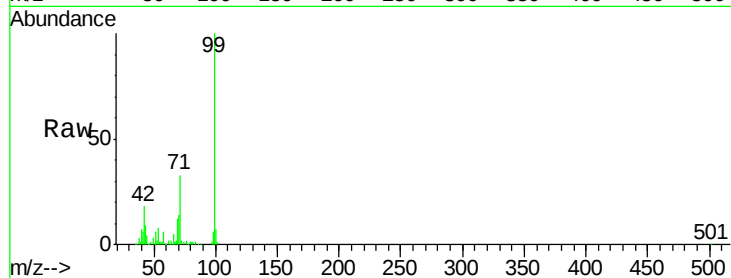
Tgt Ion: 99 Resp: 119882

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

71 32.8 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: BG031619.D

Acq: 16 Dec 2017 10:36

Tgt Ion: 136 Resp: 284298

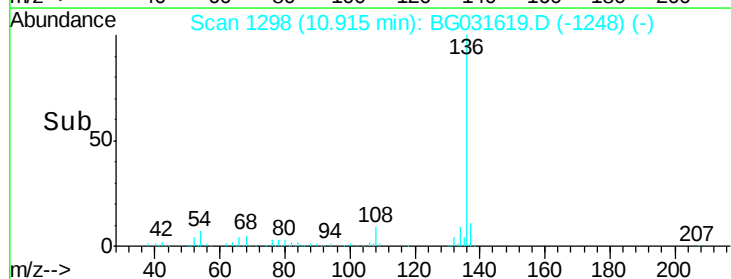
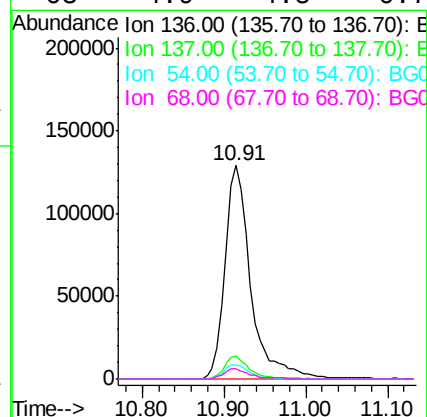
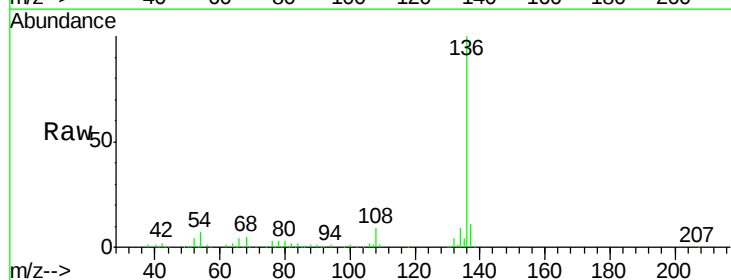
Ion Ratio Lower Upper

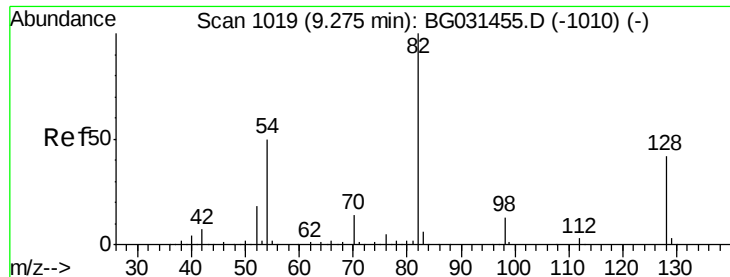
136 100

137 10.6 9.2 13.8

54 6.7 10.3 15.5#

68 4.9 4.5 6.7

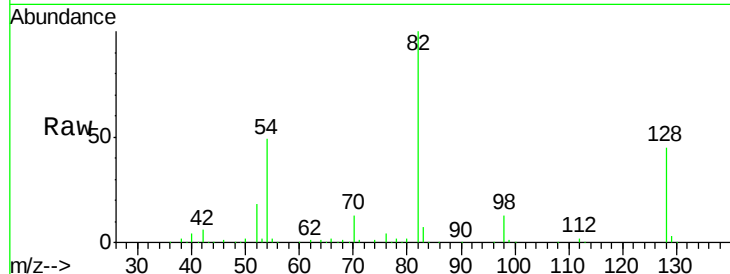




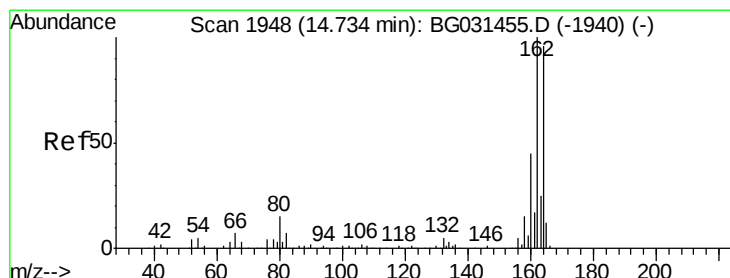
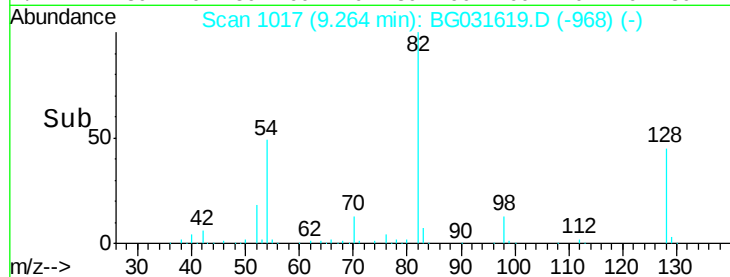
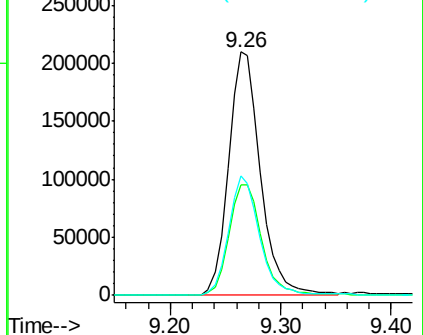
#23
 Nitrobenzene-d5
 Concen: 91.953 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031619.D
 Acq: 16 Dec 2017 10:36

Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-D-M

Tgt Ion: 82 Resp: 424130
 Ion Ratio Lower Upper
 82 100
 128 45.5 29.7 44.5#
 54 49.2 43.1 64.7

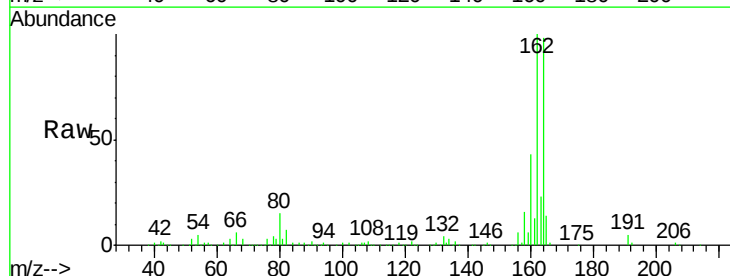


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

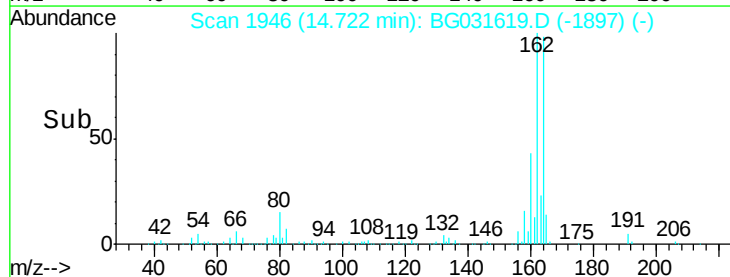
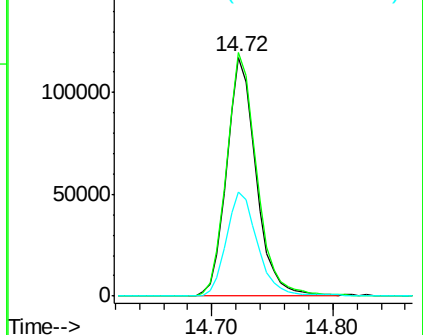


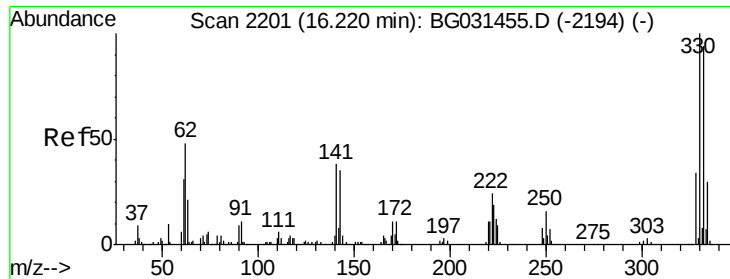
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031619.D
 Acq: 16 Dec 2017 10:36

Tgt Ion: 164 Resp: 199368
 Ion Ratio Lower Upper
 164 100
 162 101.9 78.8 118.2
 160 43.5 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

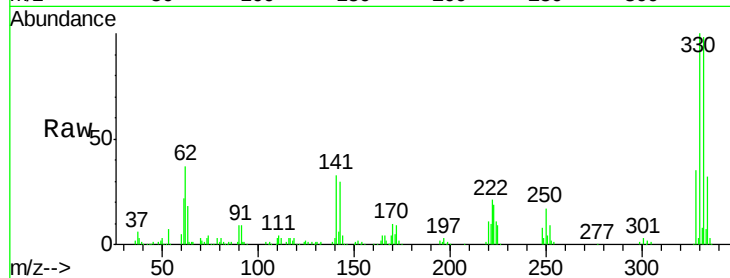




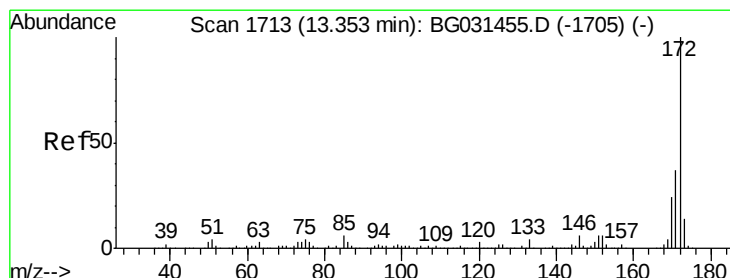
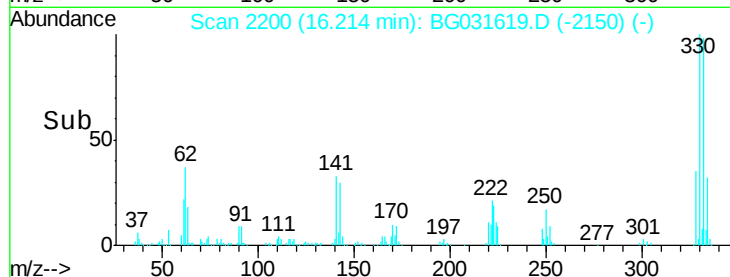
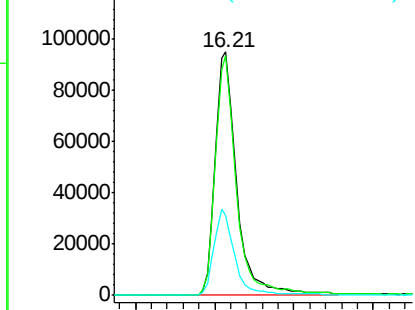
#41
 2,4,6-Tribromophenol
 Concen: 77.025 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031619.D
 Acq: 16 Dec 2017 10:36

Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-D-M

Tgt Ion:330 Resp: 179906
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 33.7 25.2 37.8

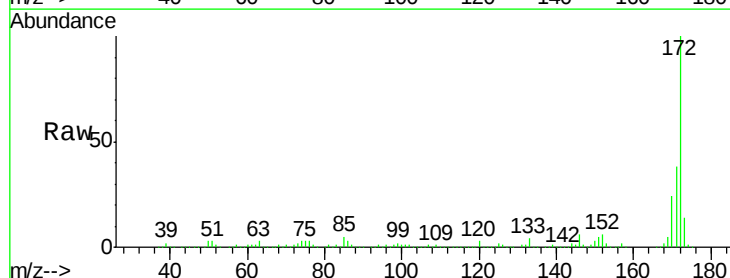


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

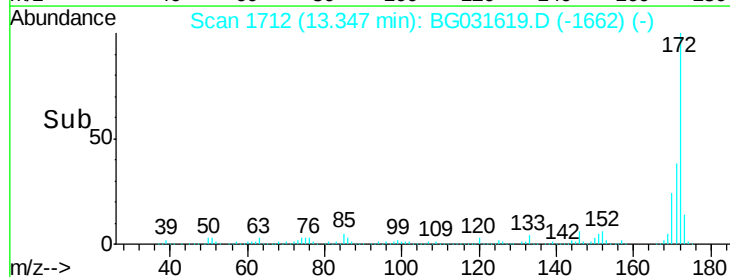
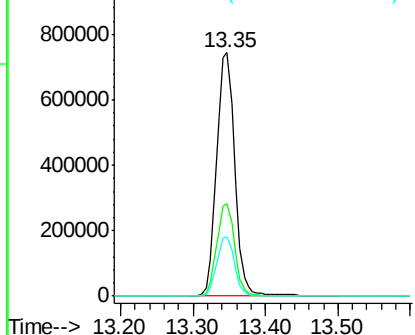


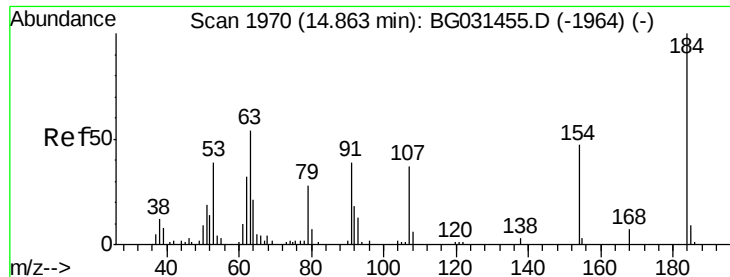
#44
 2-Fluorobiphenyl
 Concen: 96.051 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031619.D
 Acq: 16 Dec 2017 10:36

Tgt Ion:172 Resp: 1304575
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.2 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





#53

2,4-Dinitrophenol

Concen: 9.084 ng

RT: 15.07 min Scan# 2005

Delta R.T. 0.21 min

Lab File: BG031619.D

Acq: 16 Dec 2017 10:36

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-M

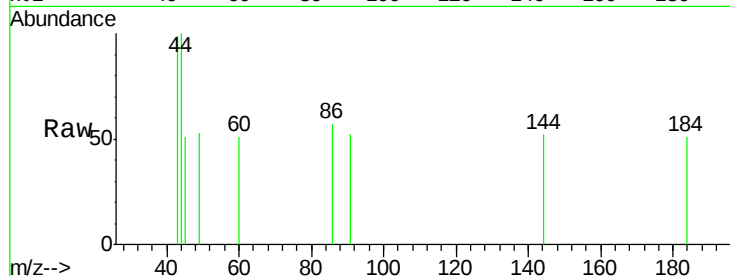
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

154 0.0 101.8 152.8#



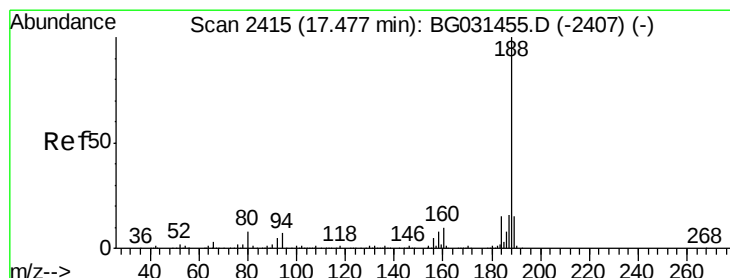
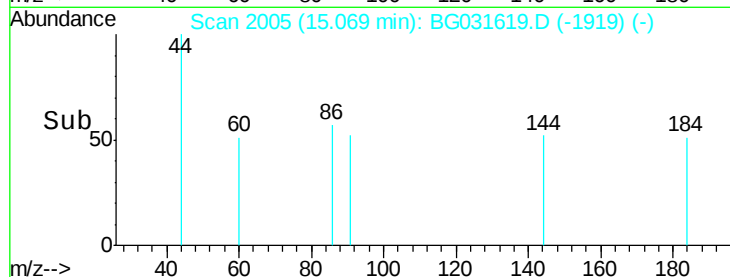
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

15.07

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031619.D

Acq: 16 Dec 2017 10:36

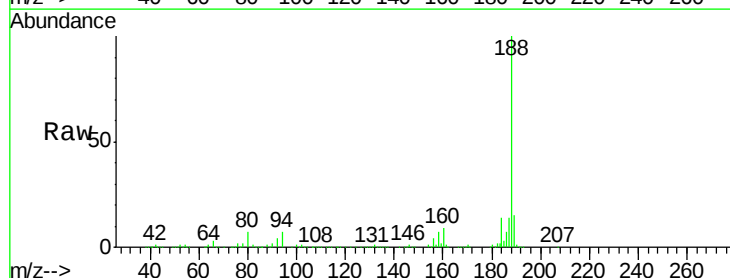
Tgt Ion:188 Resp: 534824

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

80 7.3 7.7 11.5#



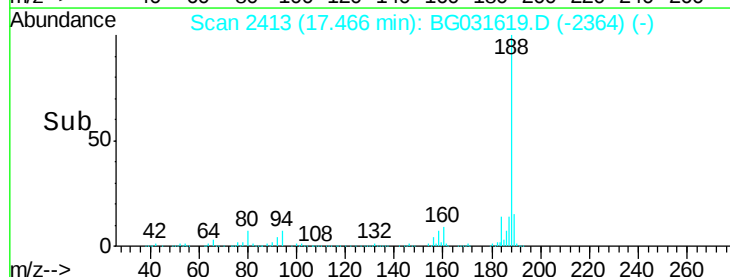
Abundance Ion 188.00 (187.70 to 188.70): E

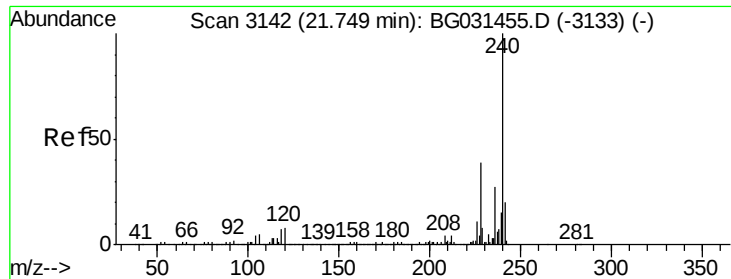
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.47

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031619.D

Acq: 16 Dec 2017 10:36

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-M

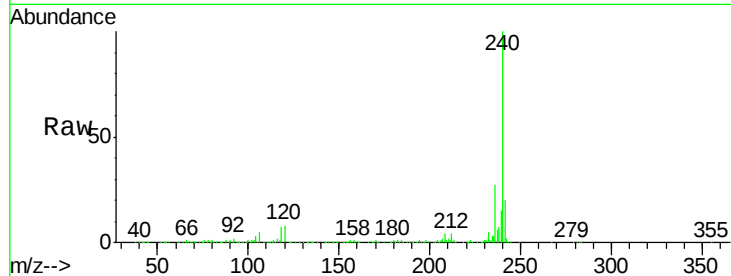
Tgt Ion:240 Resp: 615270

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

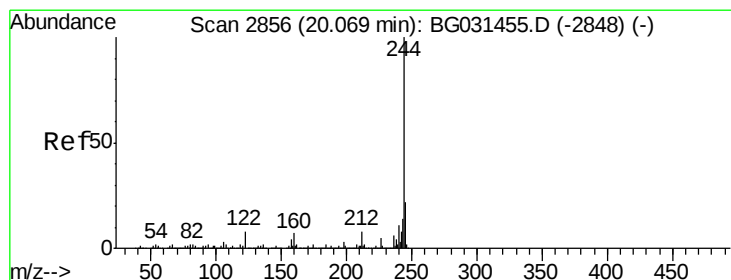
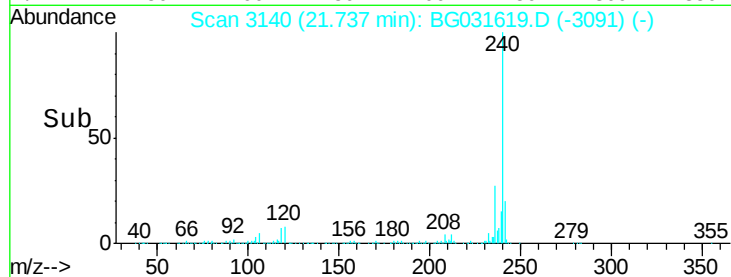
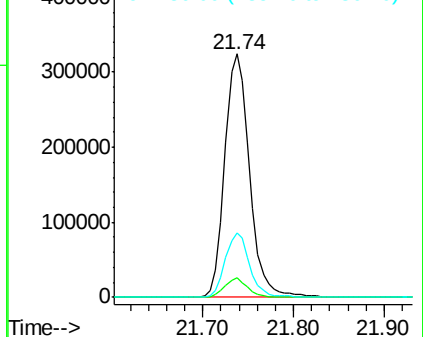
236 26.7 20.9 31.3



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: 84.682 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031619.D

Acq: 16 Dec 2017 10:36

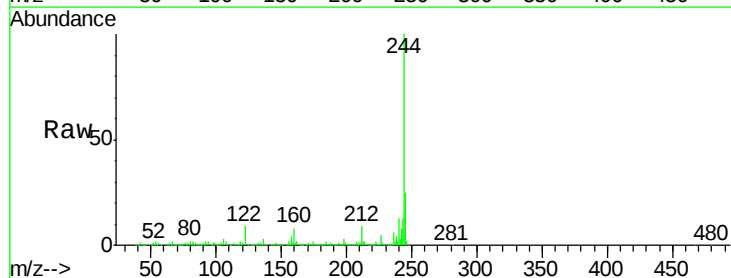
Tgt Ion:244 Resp: 2290046

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

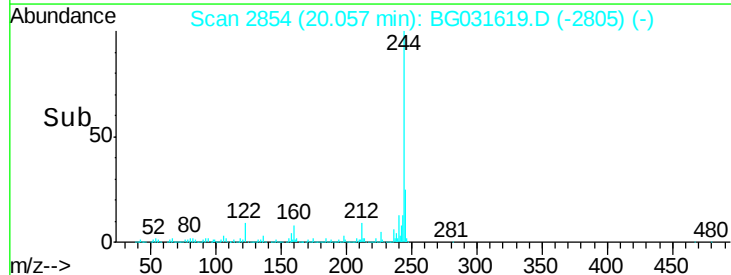
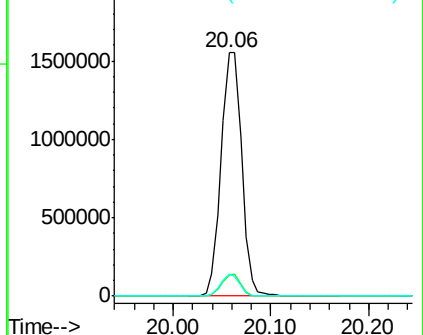
122 9.3 7.0 10.4

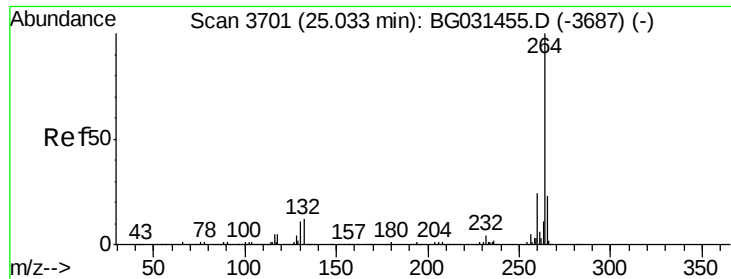


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG031619.D
Acq: 16 Dec 2017 10:36

Instrument :
BNA_G
ClientSampleId :
120817-JETT-F-D-M

Tgt Ion: 264 Resp: 513622
Ion Ratio Lower Upper
264 100
260 24.5 17.4 26.0
265 21.1 17.7 26.5

