

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 04:12:40 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

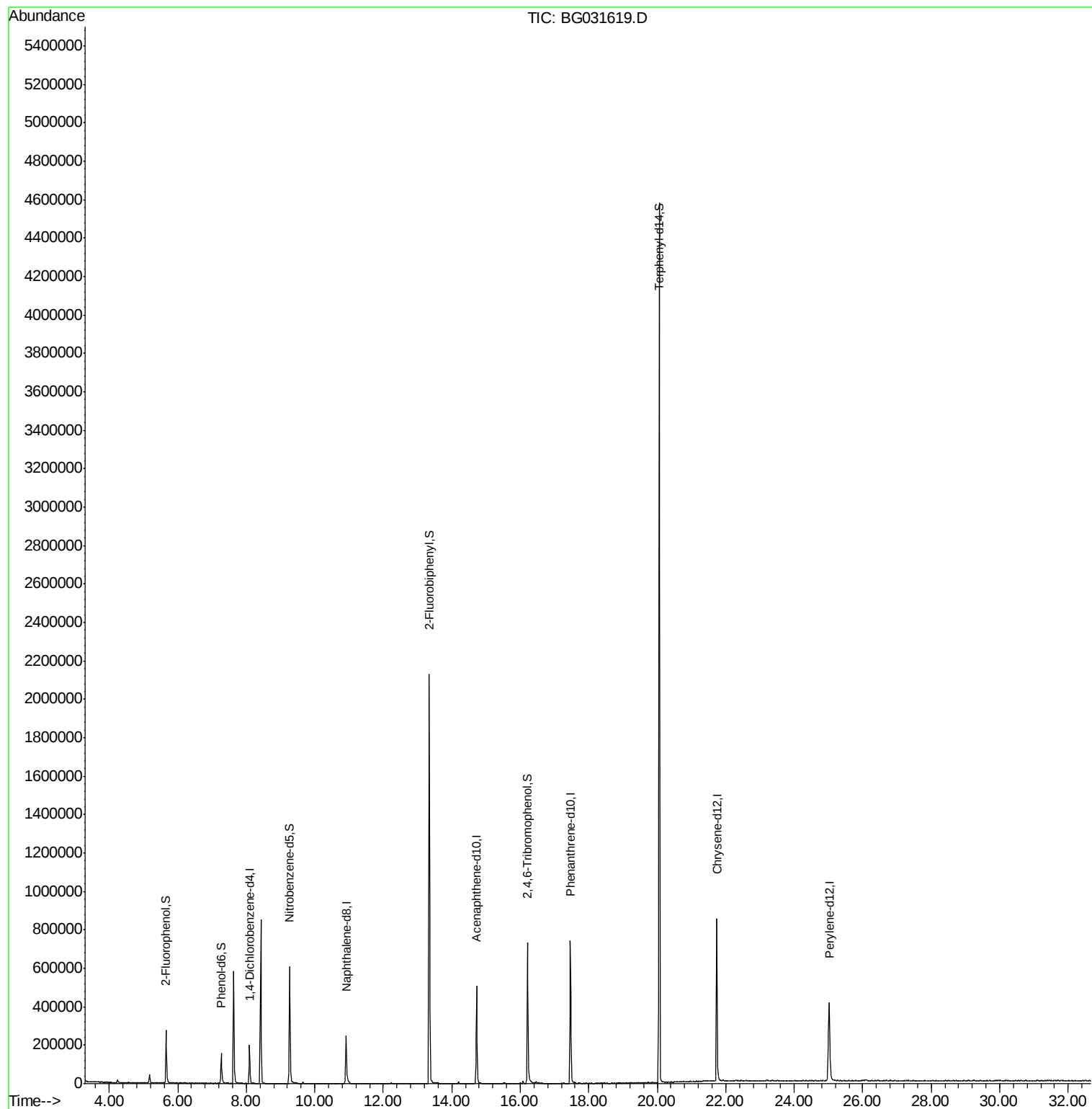
Target Compounds	Qvalue
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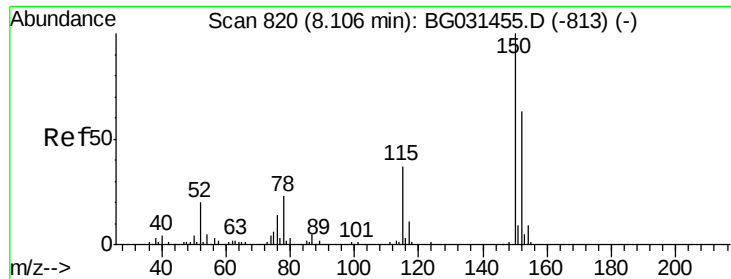
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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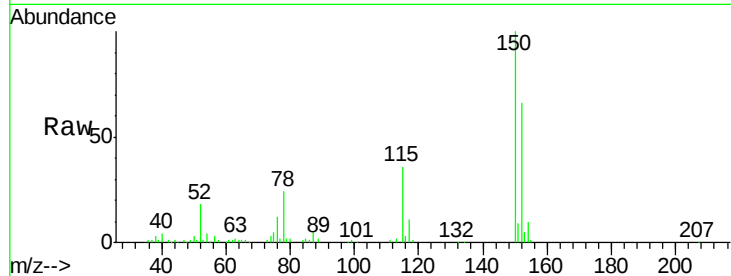


#1

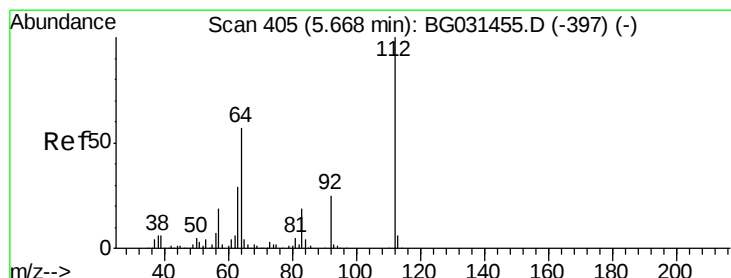
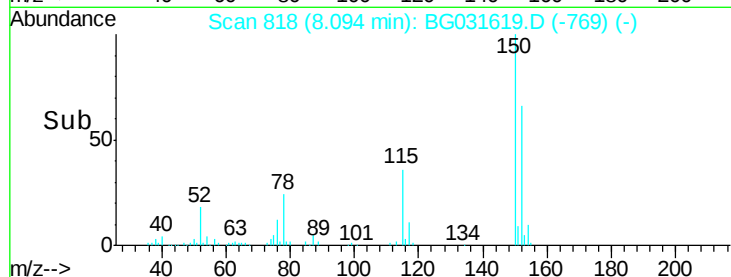
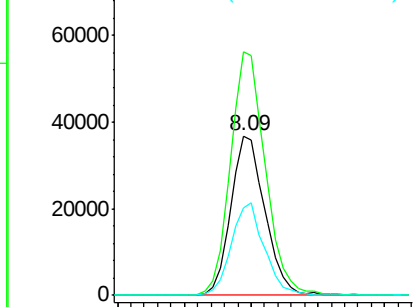
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031619.D
Acq: 16 Dec 2017 10:36

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



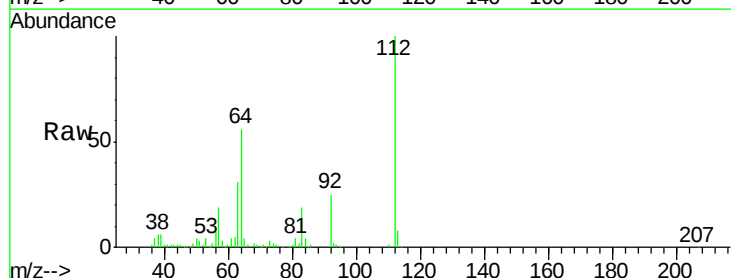
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



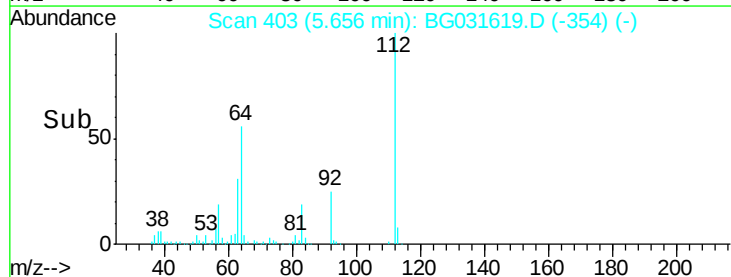
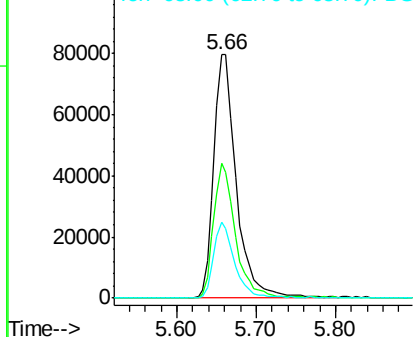
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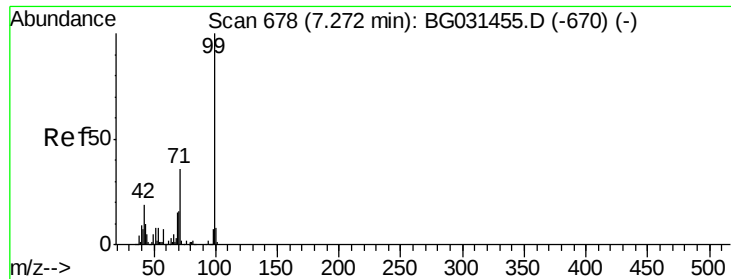
2-Fluorophenol
Concen: 42.605 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031619.D
Acq: 16 Dec 2017 10:36

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

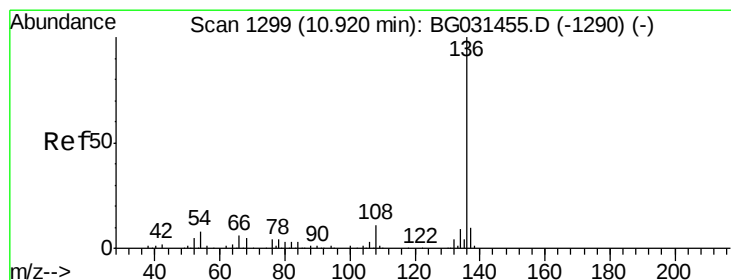
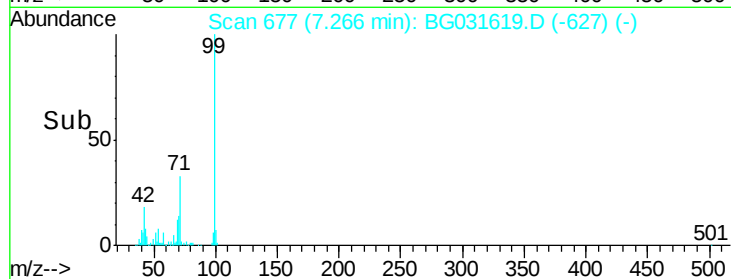
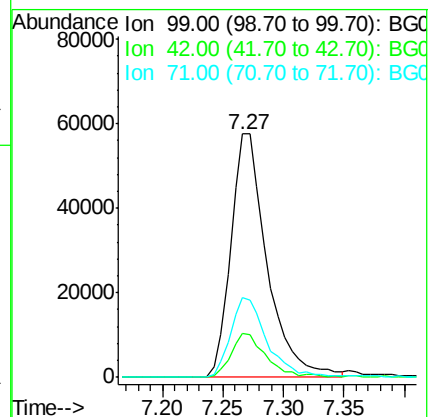
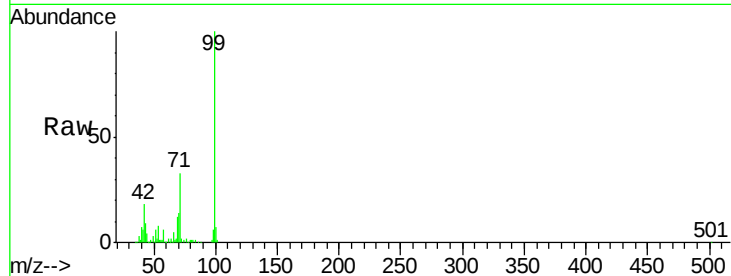
Tgt Ion: 99 Resp: 119882

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

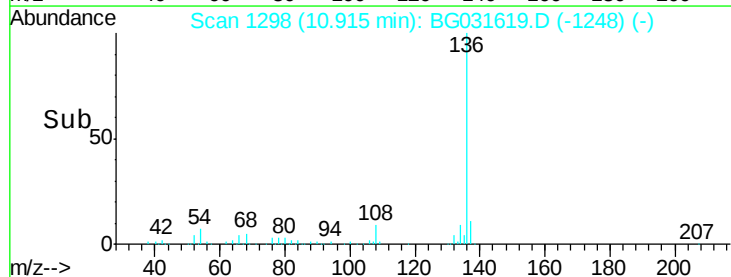
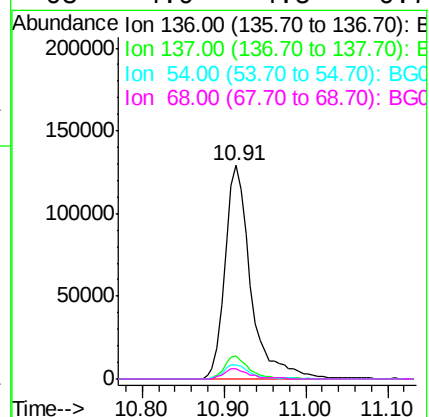
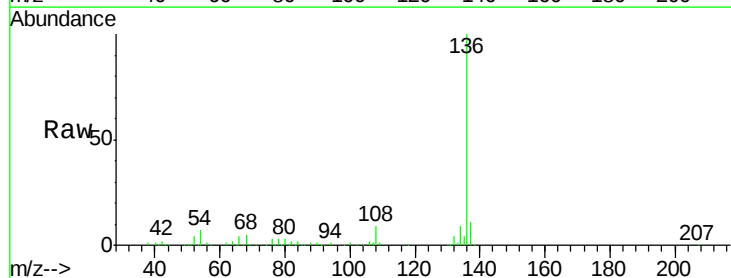
Ion Ratio Lower Upper

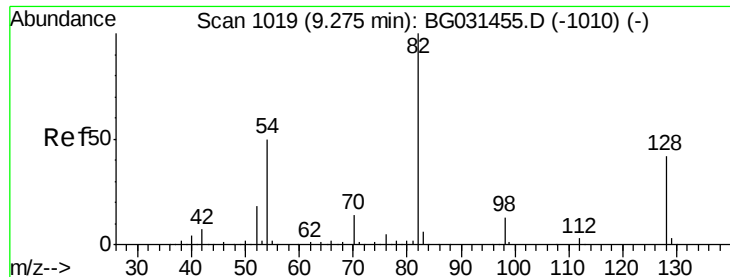
136 100

137 10.6 9.2 13.8

54 6.7 10.3 15.5#

68 4.9 4.5 6.7

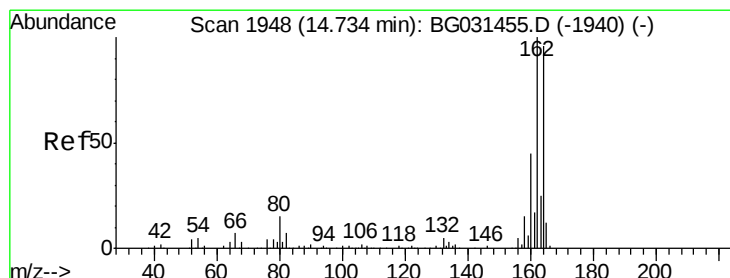
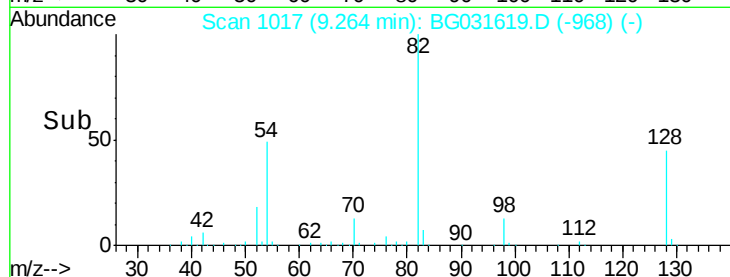
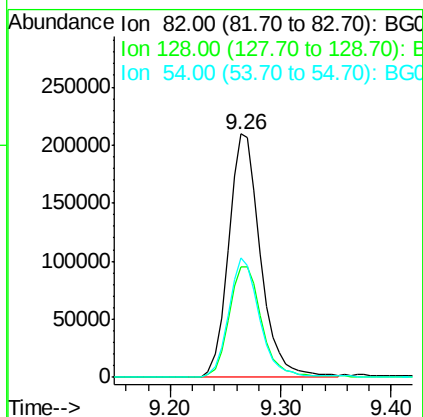
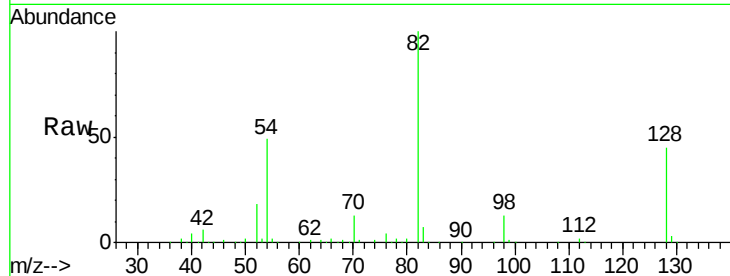




#23
Nitrobenzene-d5
Concen: 91.953 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031619.D
Acq: 16 Dec 2017 10:36

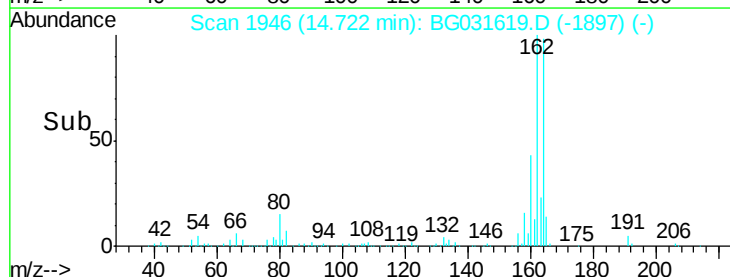
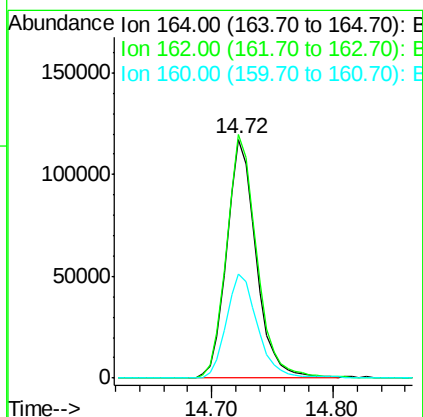
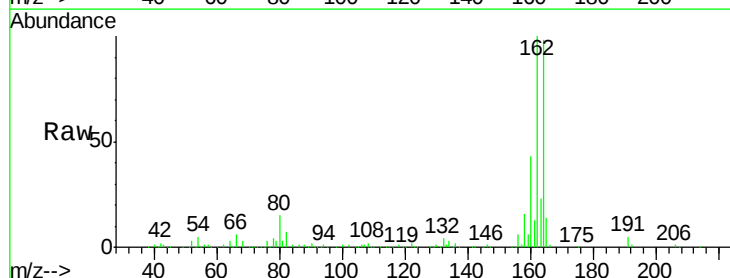
Instrument :
BNA_G
ClientSampleId :
120817-JETT-F-D-M

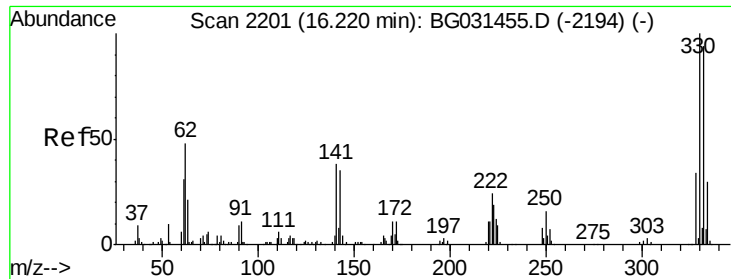
Tgt Ion: 82 Resp: 424130
Ion Ratio Lower Upper
82 100
128 45.5 29.7 44.5#
54 49.2 43.1 64.7



#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

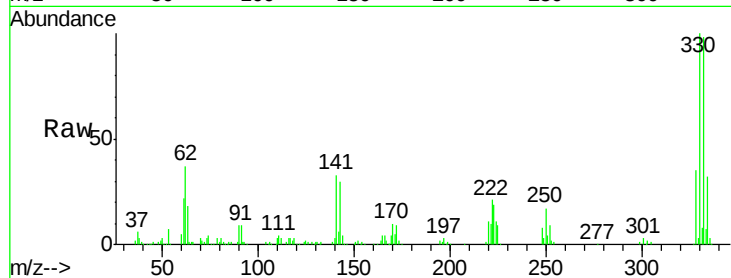




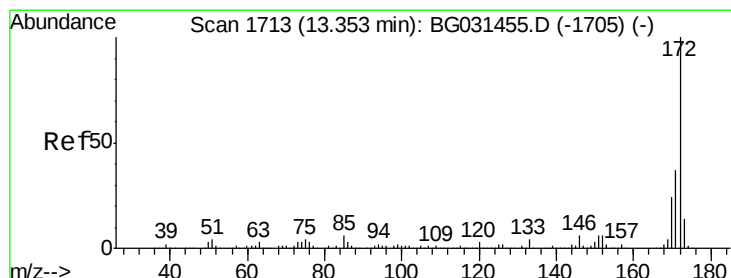
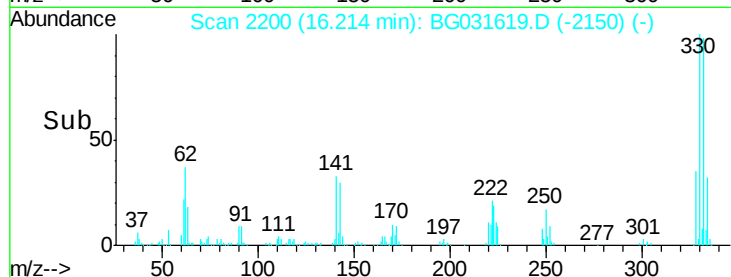
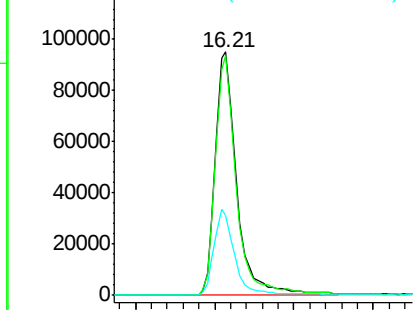
#41
 2,4,6-Tribromophenol
 Concen: 77.025 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031619.D
 Acq: 16 Dec 2017 10:36

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

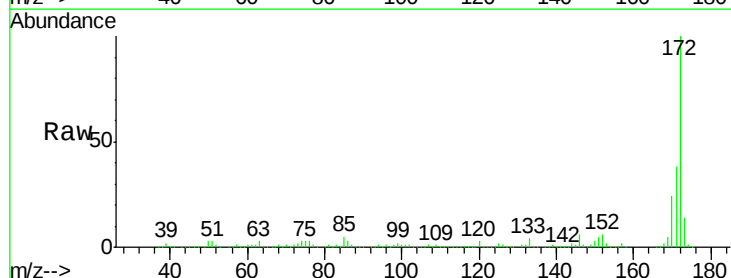


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

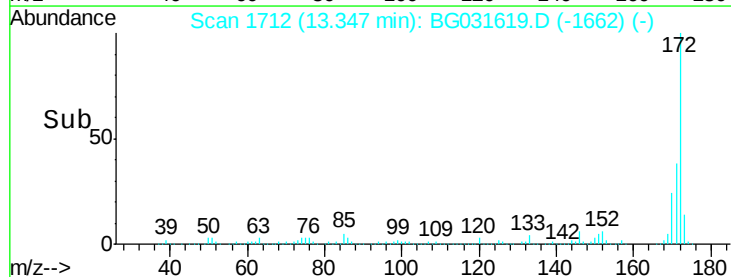
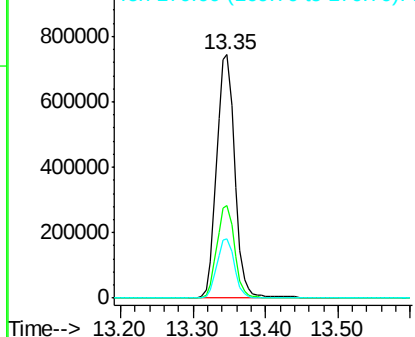


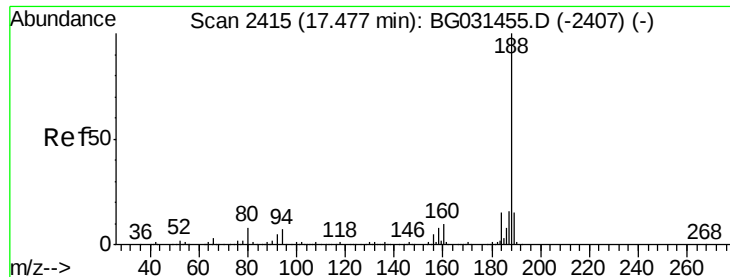
#44
 2-Fluorobiphenyl
 Concen: 96.051 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031619.D
 Acq: 16 Dec 2017 10:36

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

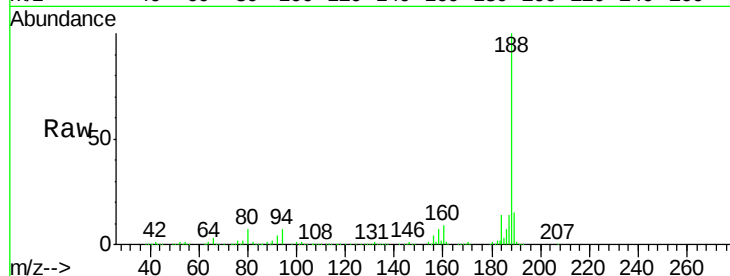




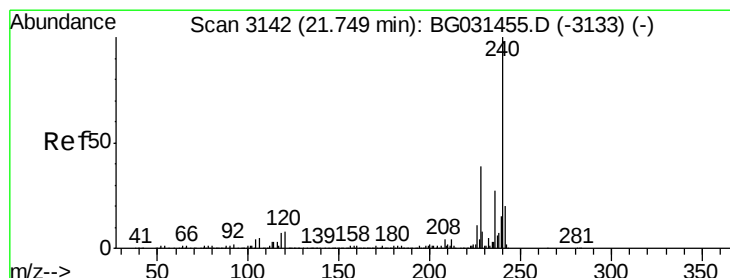
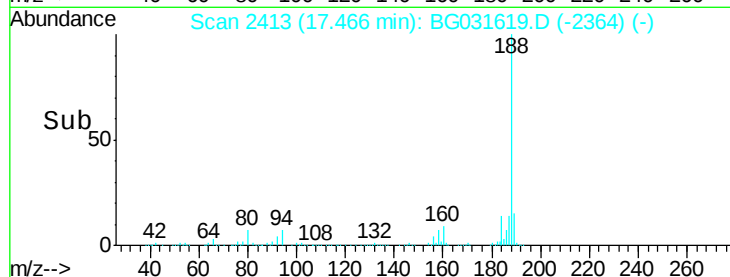
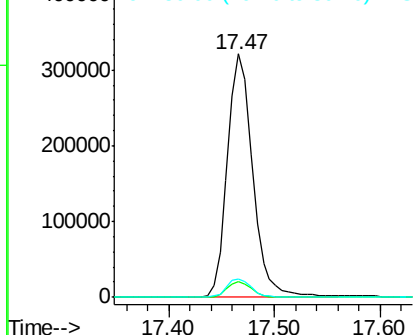
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031619.D
Acq: 16 Dec 2017 10:36

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

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#

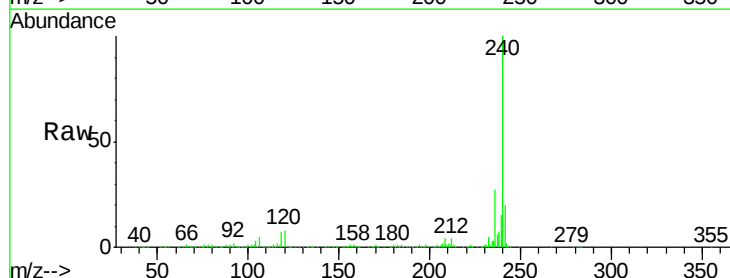


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

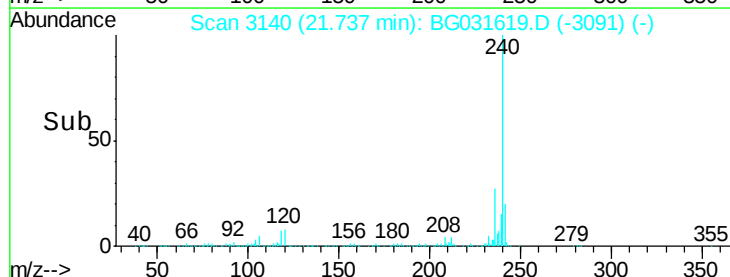
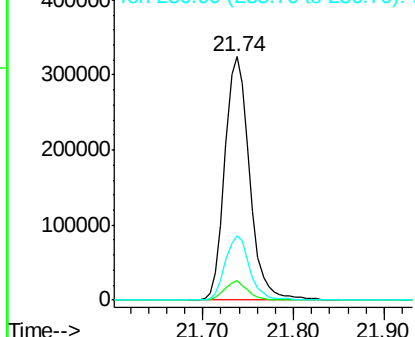


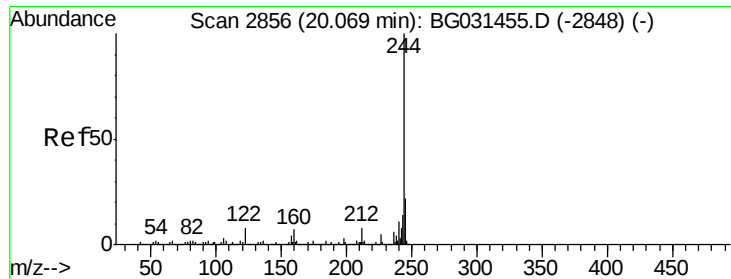
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031619.D
Acq: 16 Dec 2017 10:36

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

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-M

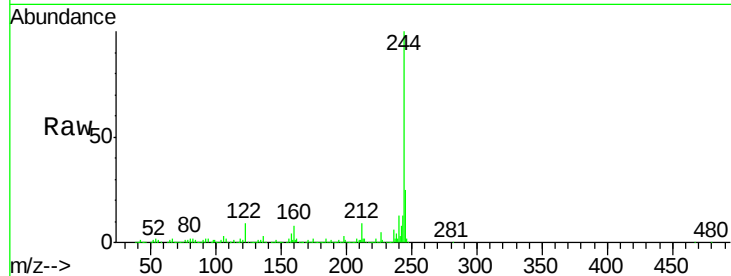
Tgt Ion:244 Resp: 2290046

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

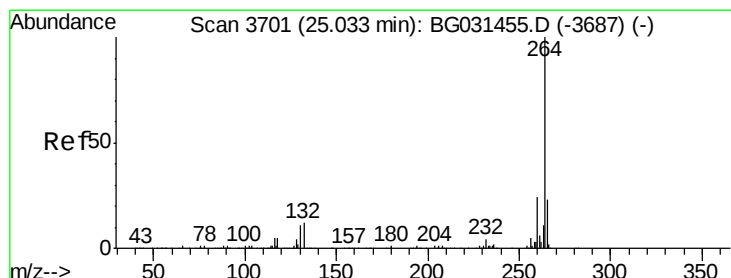
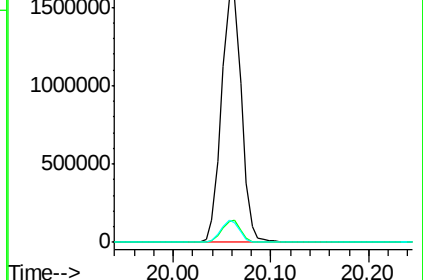
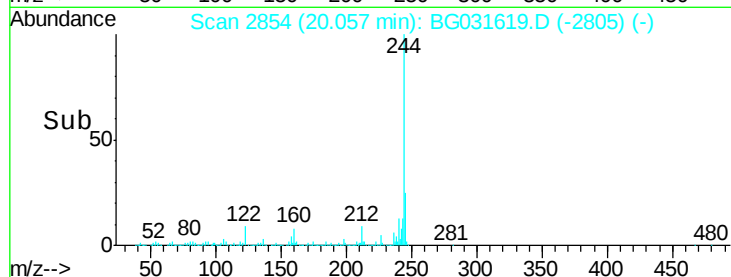
122 9.3 7.0 10.4



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

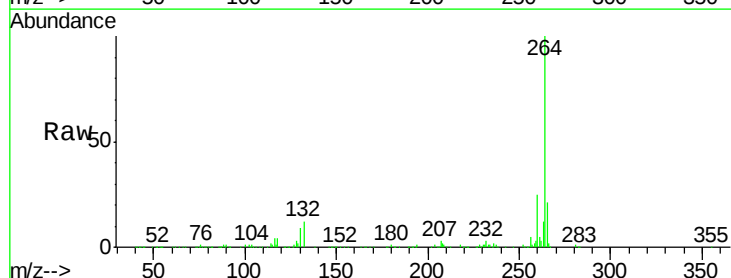
Tgt Ion:264 Resp: 513622

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.1 17.7 26.5



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

