

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031621.D
 Acq On : 16 Dec 2017 11:51
 Operator : SJ/JU
 Sample : I6880-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Dec 18 03:28:18 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	69476	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	301755	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	210901	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	561327	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	639796	20.00	ng	-0.01
86) Perylene-d12	25.01	264	553425	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	167126	42.64	ng	-0.01
7) Phenol-d6	7.26	99	130528	23.99	ng	0.00
23) Nitrobenzene-d5	9.27	82	416325	85.04	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	232141	93.95	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1289683	89.76	ng	0.00
78) Terphenyl-d14	20.06	244	2294462	81.59	ng	0.00

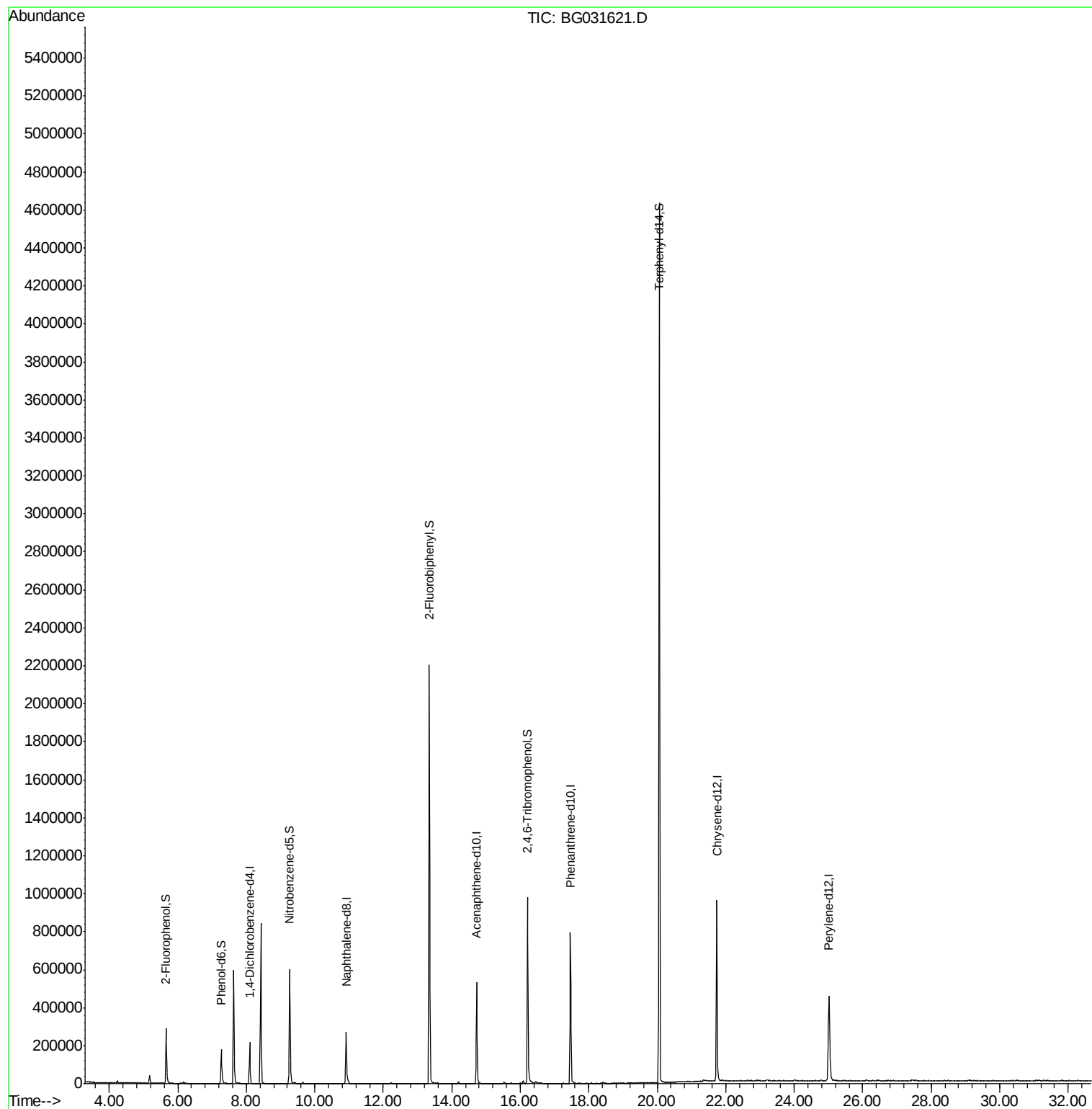
Target Compounds	Qvalue
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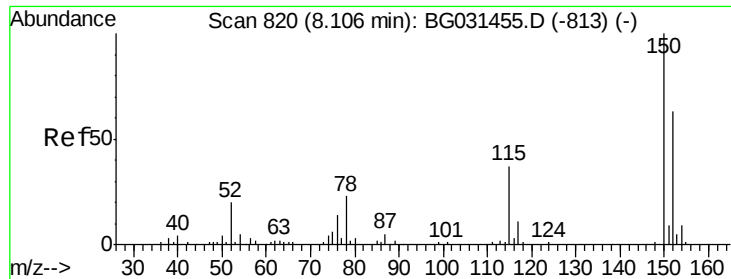
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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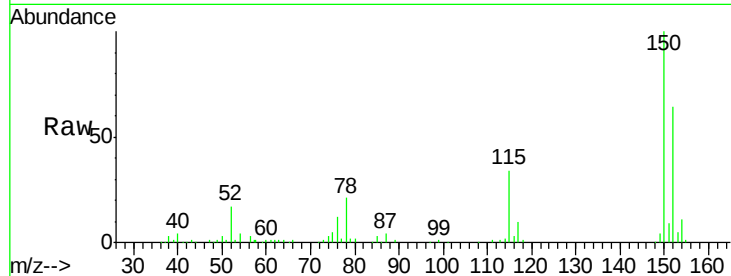


#1

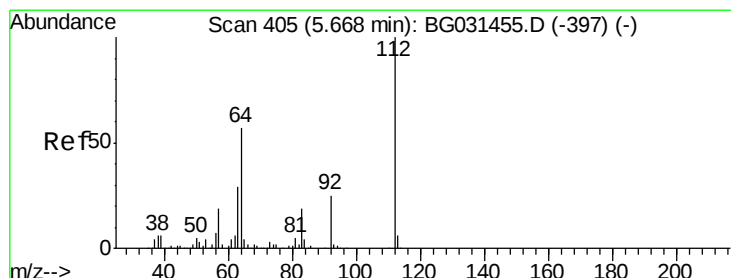
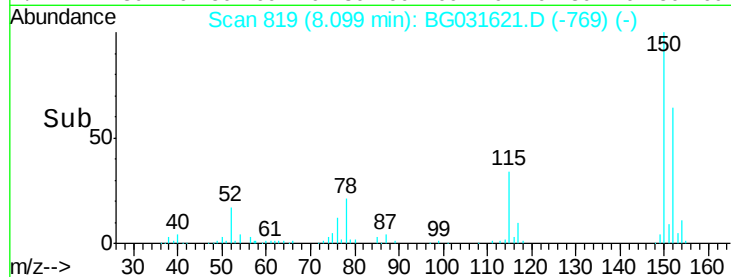
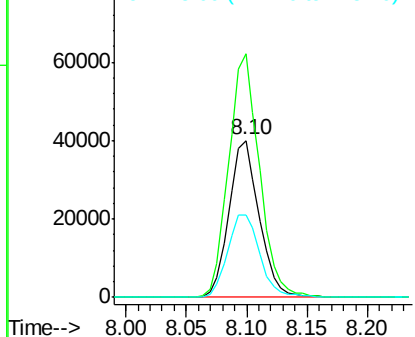
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031621.D
Acq: 16 Dec 2017 11:51

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

Tgt Ion:152 Resp: 69476
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 52.6 53.0 79.4#



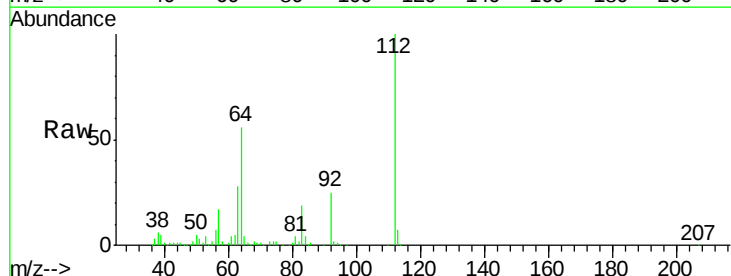
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



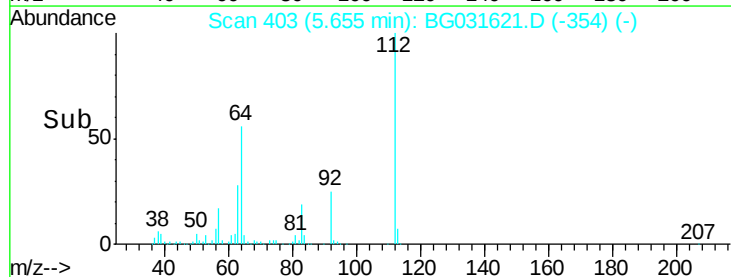
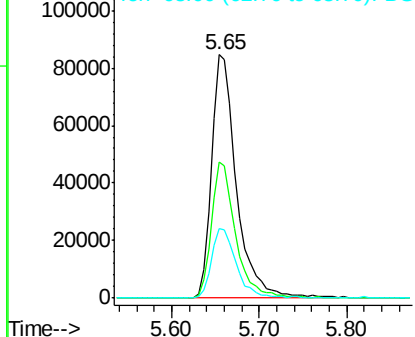
#5

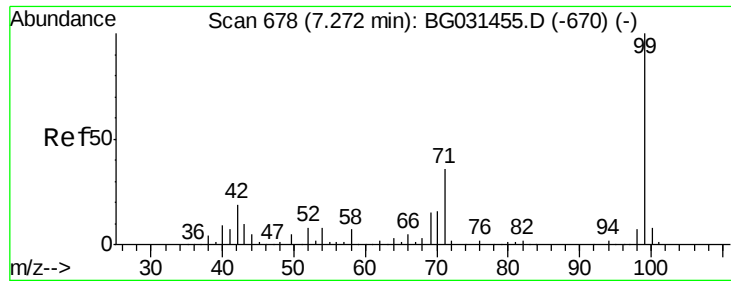
2-Fluorophenol
Concen: 42.638 ng
RT: 5.65 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031621.D
Acq: 16 Dec 2017 11:51

Tgt Ion:112 Resp: 167126
Ion Ratio Lower Upper
112 100
64 55.7 56.3 84.5#
63 28.4 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: 23.988 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031621.D

Acq: 16 Dec 2017 11:51

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-U-B

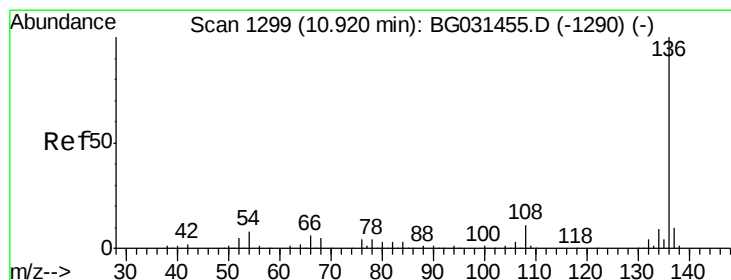
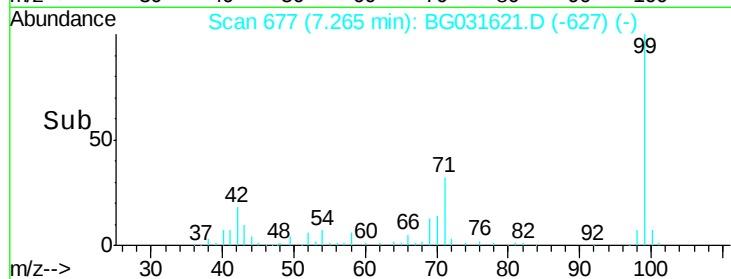
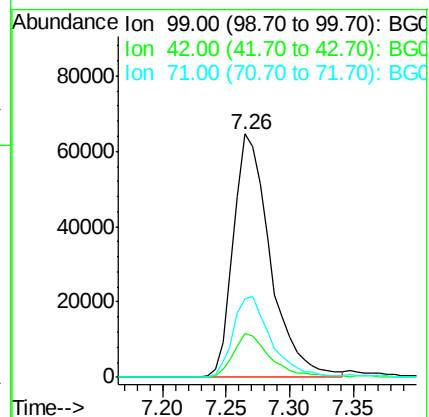
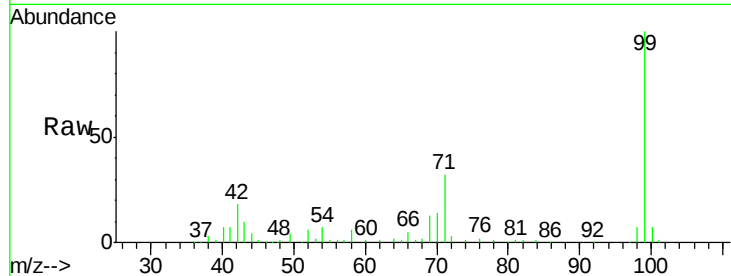
Tgt Ion: 99 Resp: 130528

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

71 32.2 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: BG031621.D

Acq: 16 Dec 2017 11:51

Tgt Ion: 136 Resp: 301755

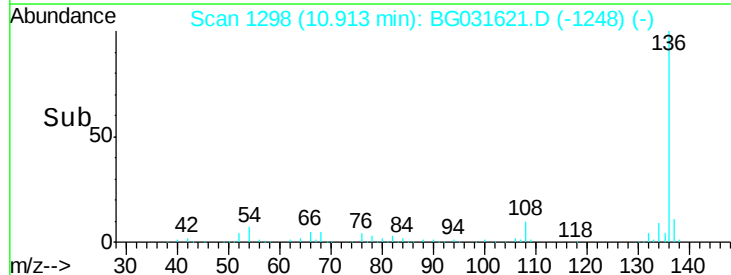
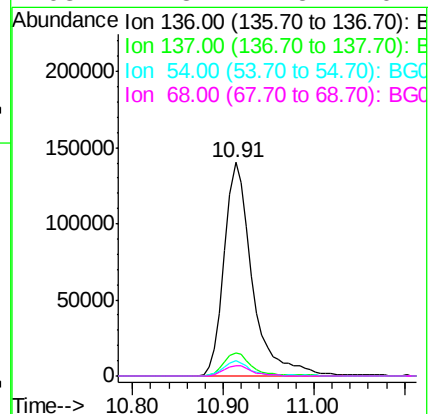
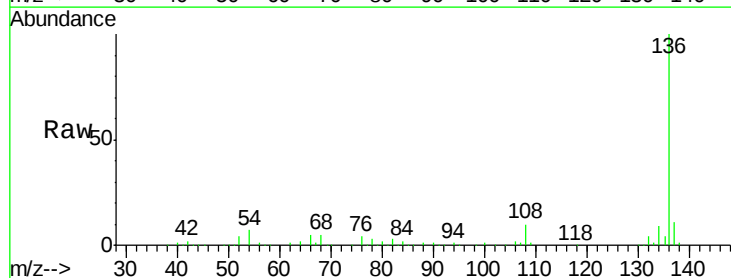
Ion Ratio Lower Upper

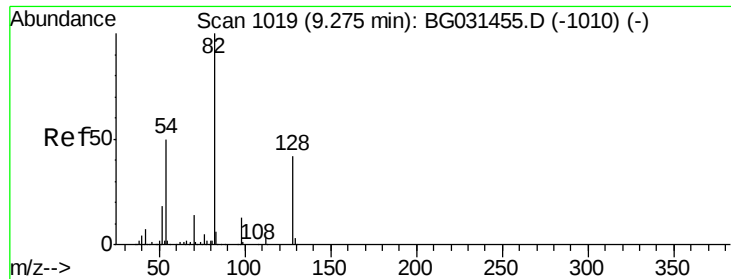
136 100

137 10.5 9.2 13.8

54 7.1 10.3 15.5#

68 4.8 4.5 6.7

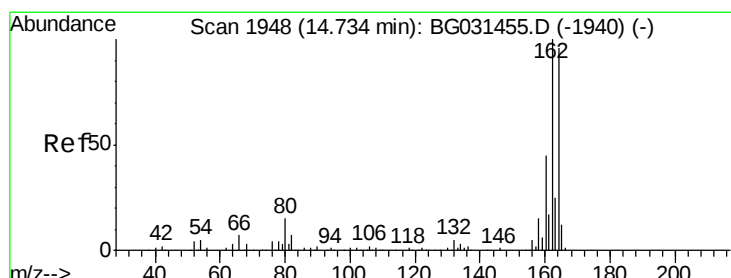
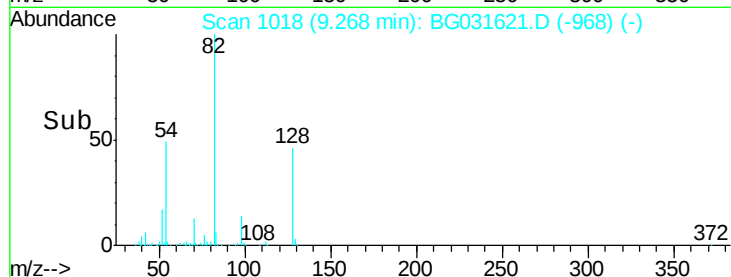
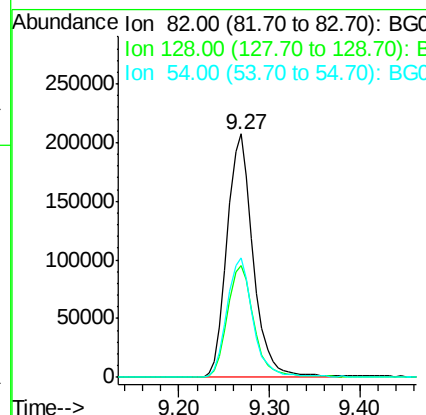
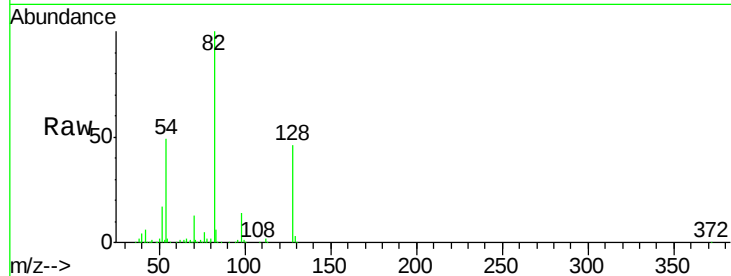




#23
 Nitrobenzene-d5
 Concen: 85.039 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031621.D
 Acq: 16 Dec 2017 11:51

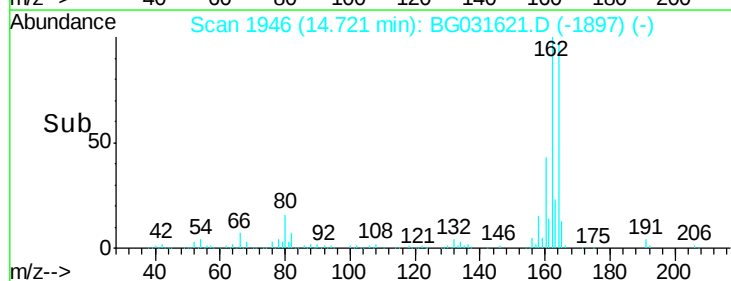
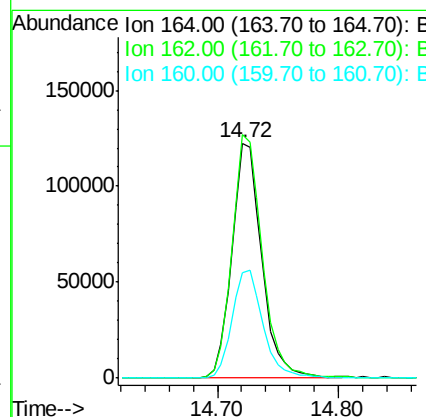
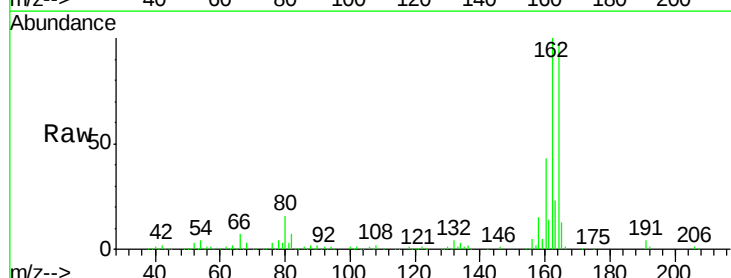
Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-U-B

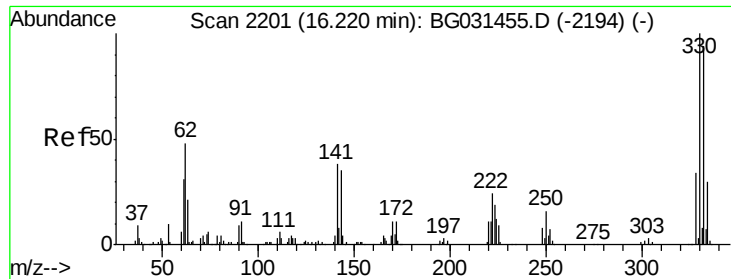
Tgt Ion: 82 Resp: 416325
 Ion Ratio Lower Upper
 82 100
 128 46.1 29.7 44.5#
 54 48.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031621.D
 Acq: 16 Dec 2017 11:51

Tgt Ion: 164 Resp: 210901
 Ion Ratio Lower Upper
 164 100
 162 103.5 78.8 118.2
 160 44.6 35.4 53.0

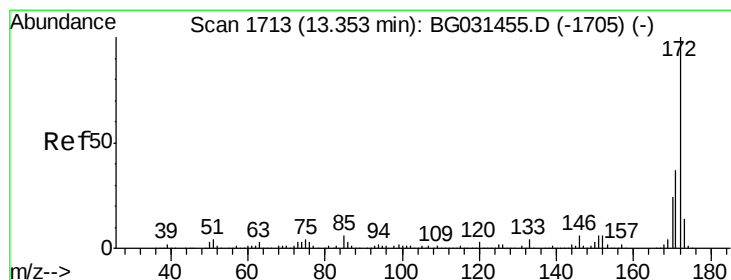
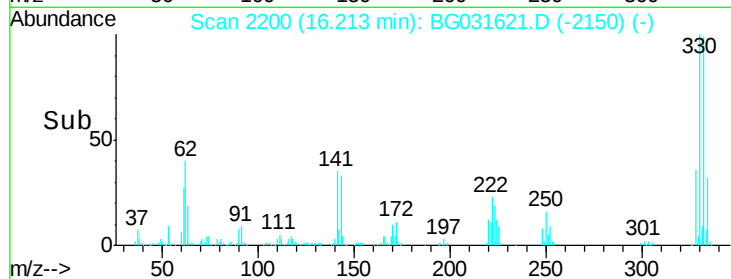
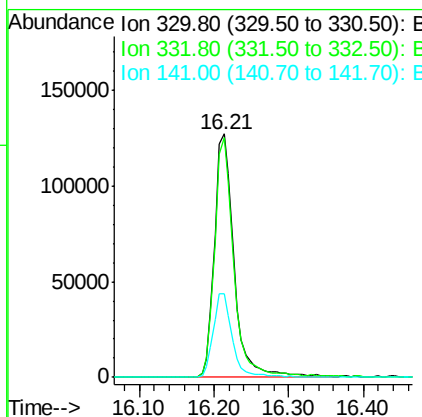
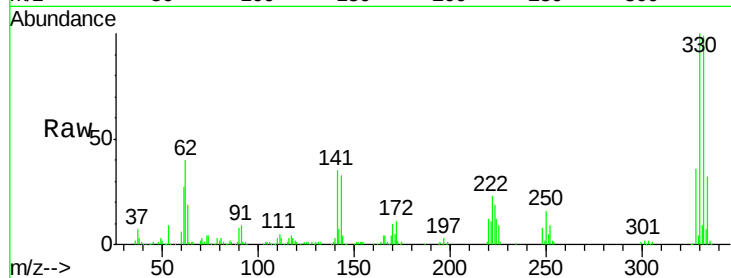




#41
 2,4,6-Tribromophenol
 Concen: 93.954 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031621.D
 Acq: 16 Dec 2017 11:51

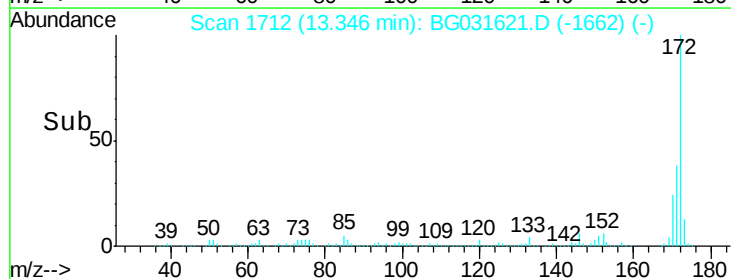
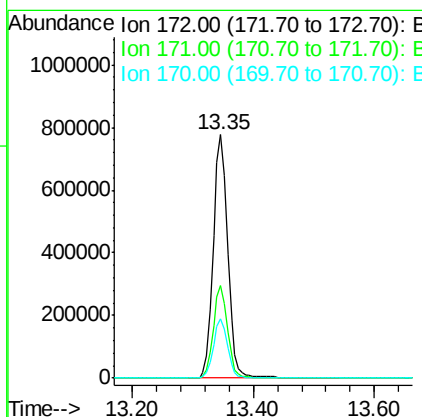
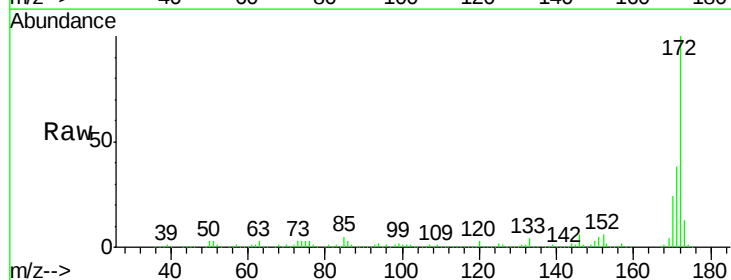
Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-U-B

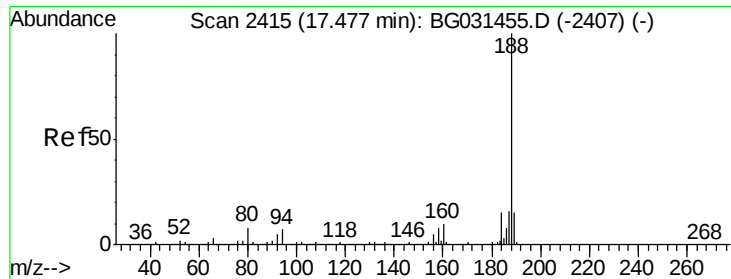
Tgt Ion:330 Resp: 232141
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.9 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 89.762 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031621.D
 Acq: 16 Dec 2017 11:51

Tgt Ion:172 Resp: 1289683
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.3 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031621.D

Acq: 16 Dec 2017 11:51

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-U-B

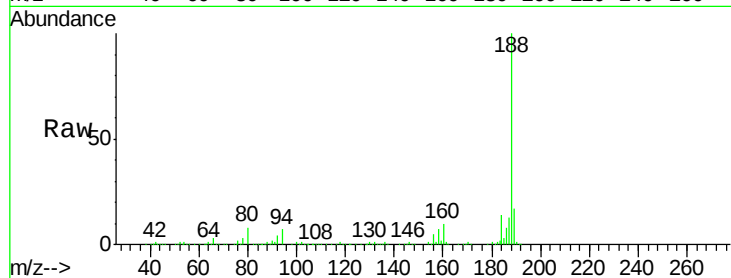
Tgt Ion:188 Resp: 561327

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

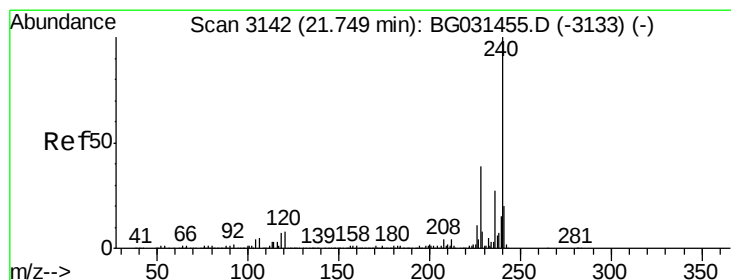
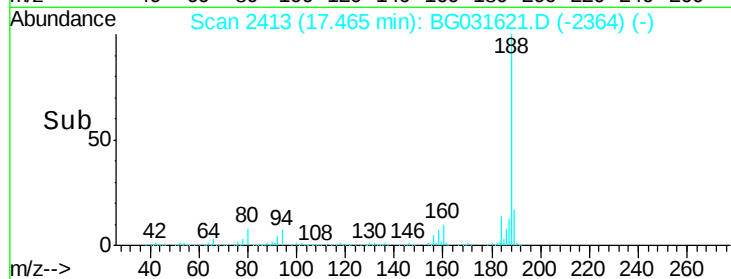
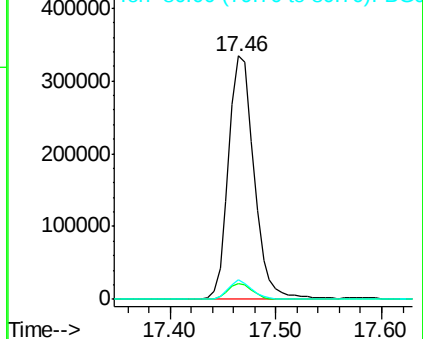
80 8.0 7.7 11.5



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: BG031621.D

Acq: 16 Dec 2017 11:51

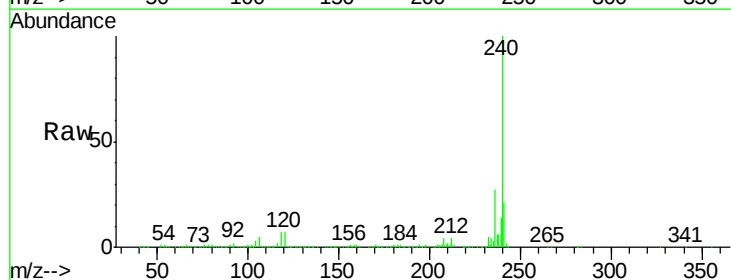
Tgt Ion:240 Resp: 639796

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

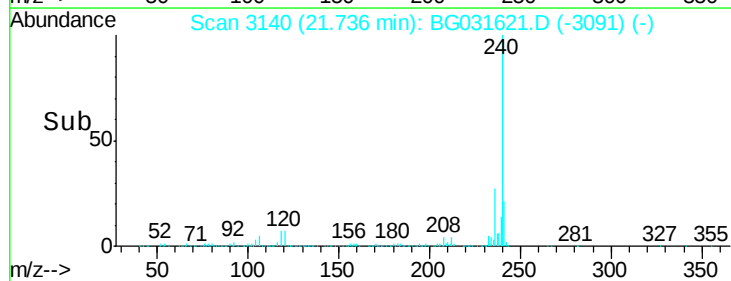
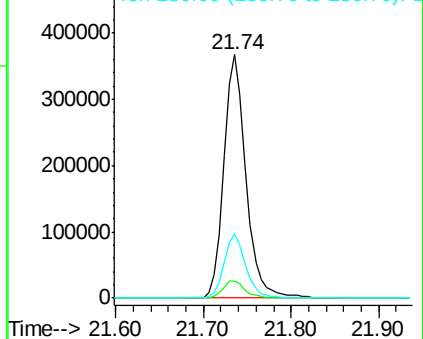
236 26.6 20.9 31.3

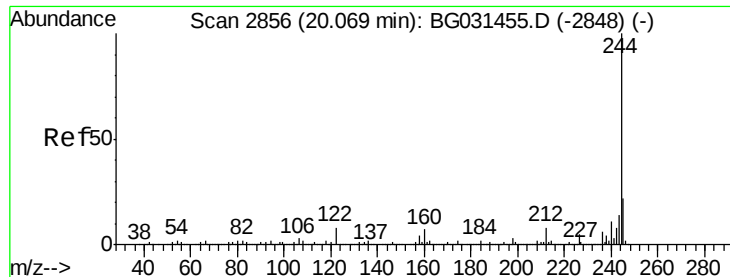


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.593 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031621.D

Acq: 16 Dec 2017 11:51

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-U-B

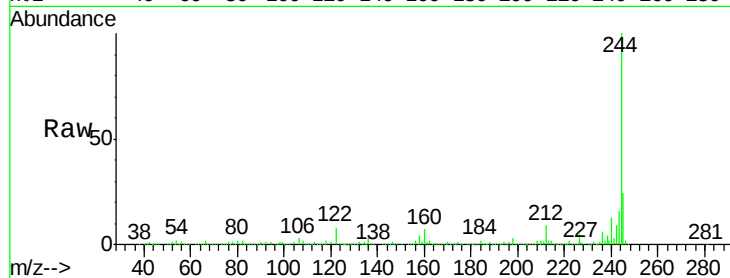
Tgt Ion:244 Resp: 2294462

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

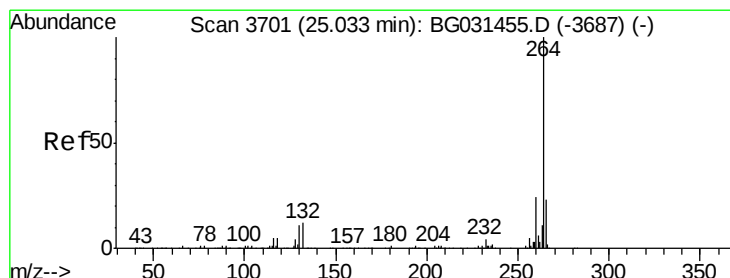
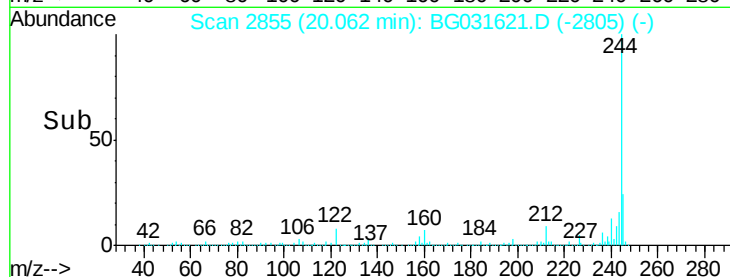
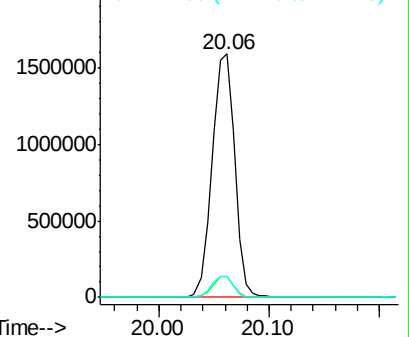
122 8.4 7.0 10.4



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: 25.01 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031621.D

Acq: 16 Dec 2017 11:51

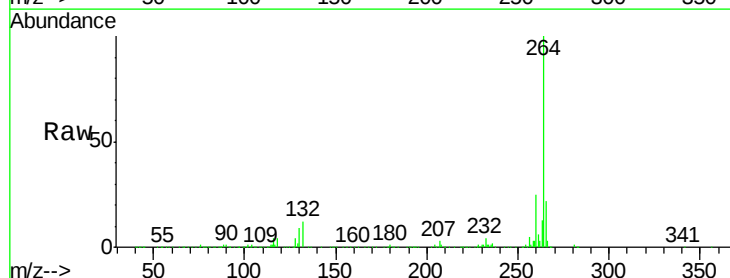
Tgt Ion:264 Resp: 553425

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 21.9 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

