

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031550.D
 Acq On : 14 Dec 2017 5:07
 Operator : SJ/JU
 Sample : I6817-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120617-JETT-F-D-M

Quant Time: Dec 14 07:47:02 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	8.11	152	48363	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	201335	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	152567	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	475865	20.00	ng	0.00
75) Chrysene-d12	21.75	240	566273	20.00	ng	0.00
86) Perylene-d12	25.03	264	544714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	115951	42.50	ng	0.00
7) Phenol-d6	7.28	99	93219	24.61	ng	0.00
23) Nitrobenzene-d5	9.28	82	279954	85.71	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	191290	107.02	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	920270	88.54	ng	0.00
78) Terphenyl-d14	20.07	244	1937875	77.86	ng	0.00

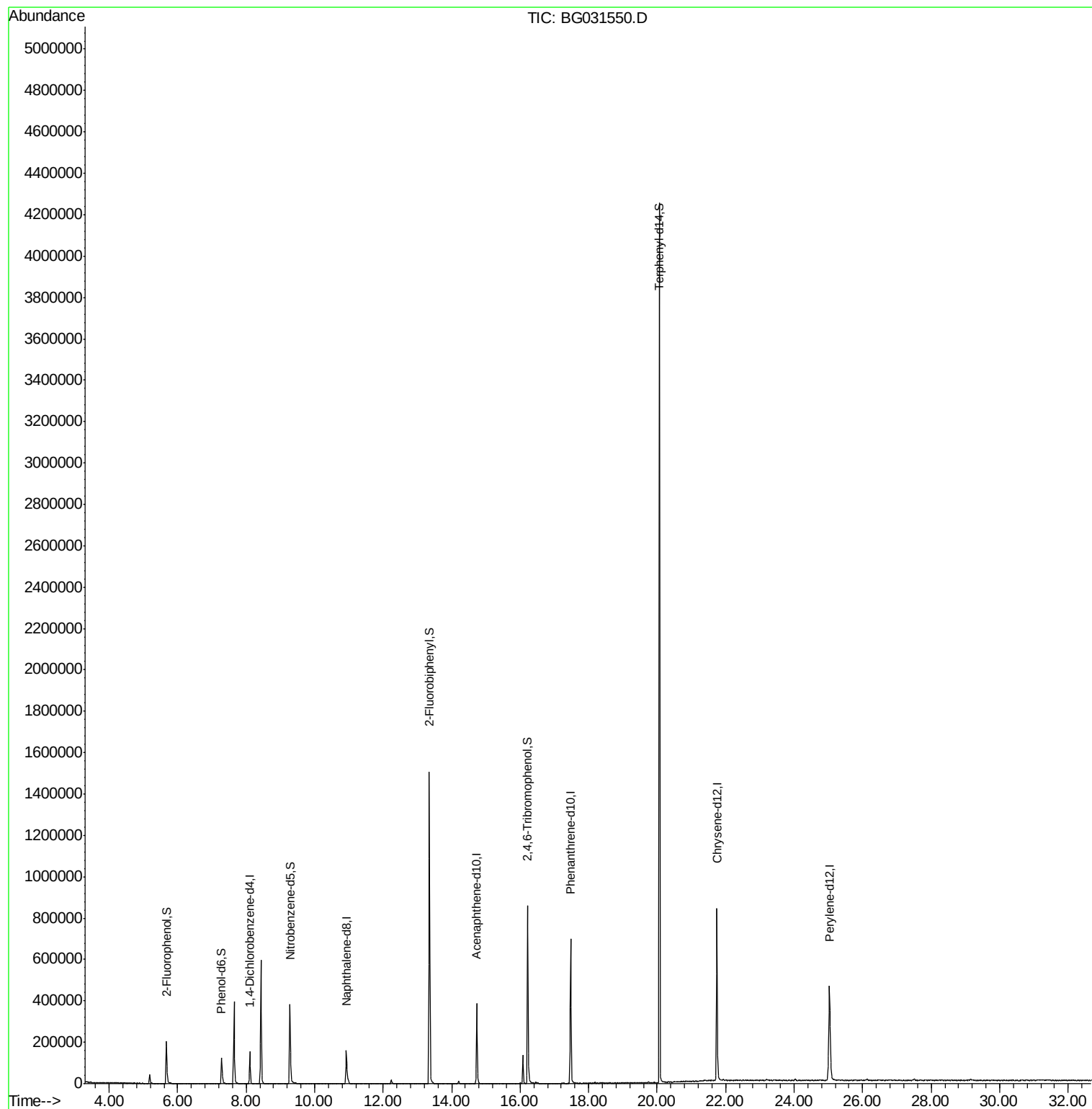
Target Compounds Qvalue

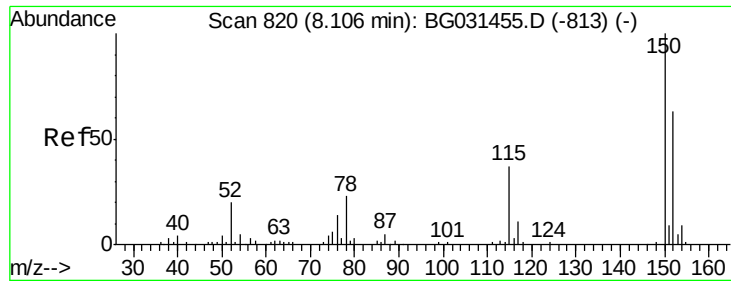
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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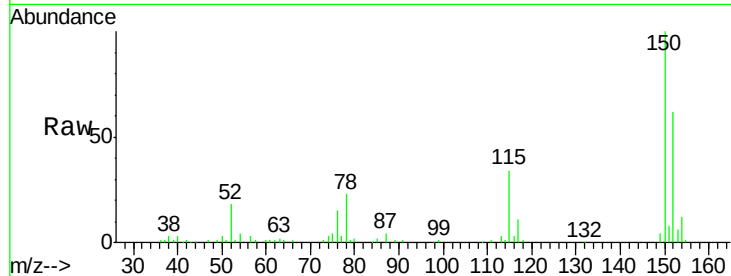


#1

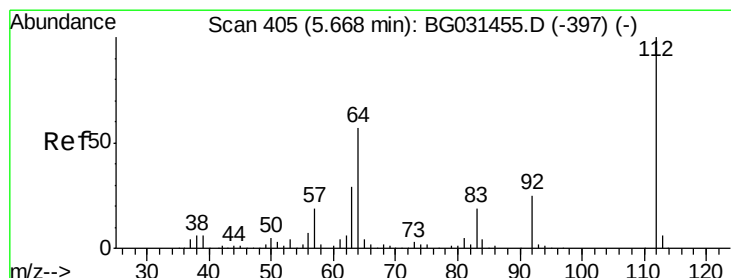
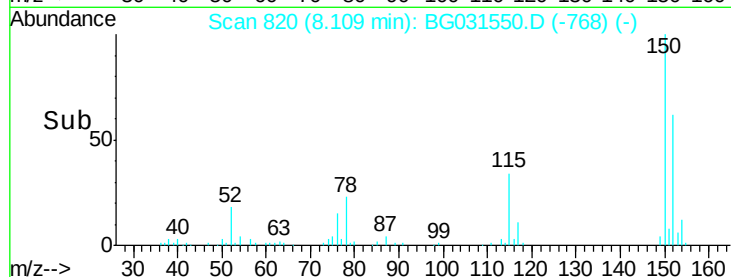
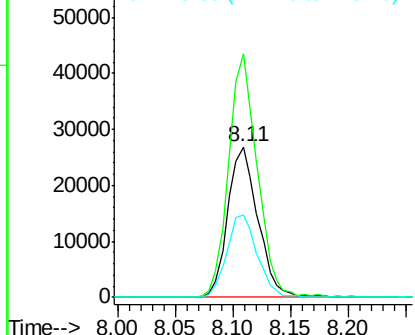
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031550.D
Acq: 14 Dec 2017 5:07

Instrument :
BNA_G
ClientSampleId :
120617-JETT-F-D-M

Tot Ion:152 Resp: 48363
Ion Ratio Lower Upper
152 100
150 161.7 126.6 189.8
115 54.6 53.0 79.4



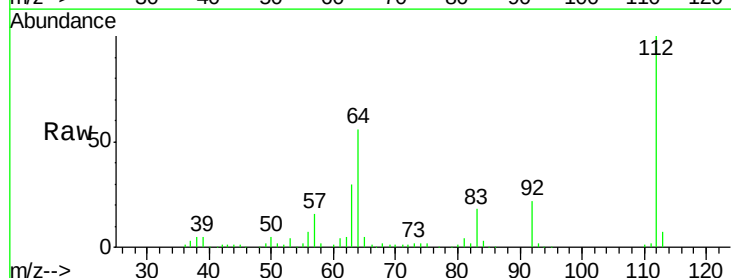
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



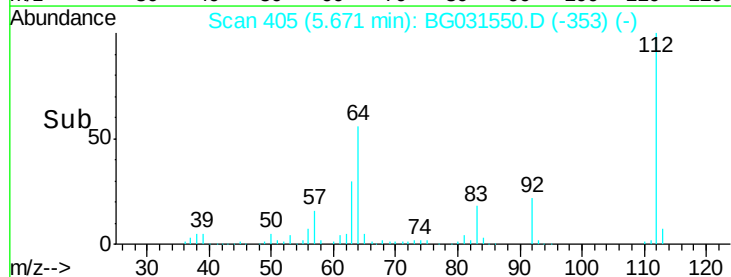
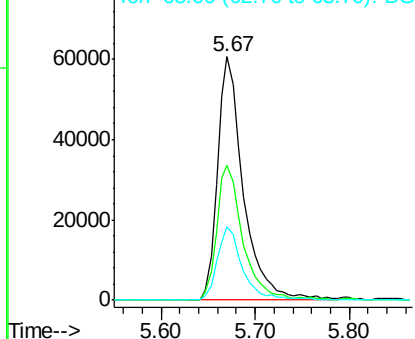
#5

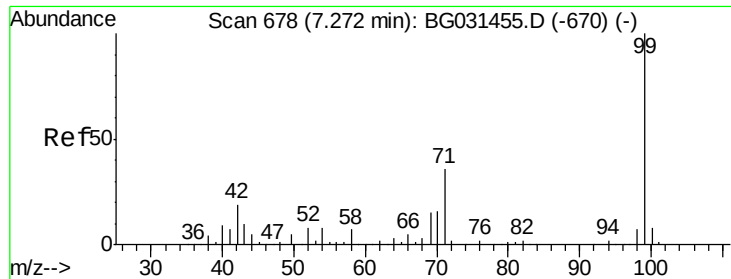
2-Fluorophenol
Concen: 42.496 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031550.D
Acq: 14 Dec 2017 5:07

Tgt Ion:112 Resp: 115951
Ion Ratio Lower Upper
112 100
64 55.6 56.3 84.5#
63 29.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 24.610 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-D-M

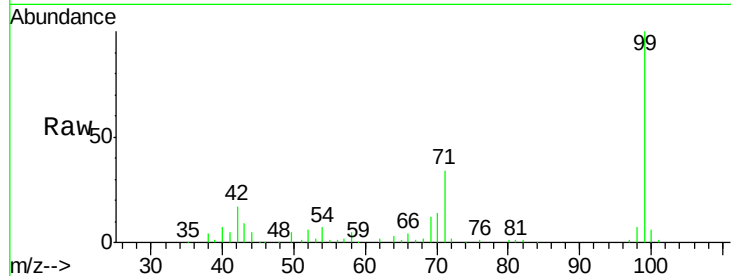
Tot Ion: 99 Resp: 93219

Ion Ratio Lower Upper

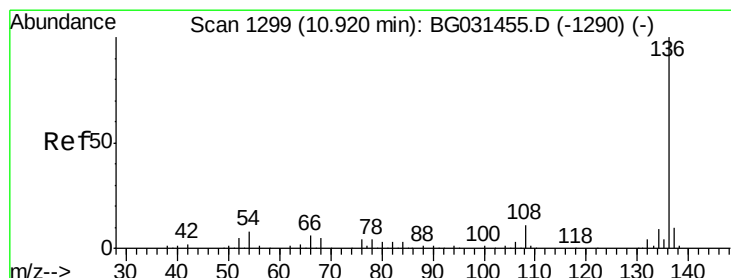
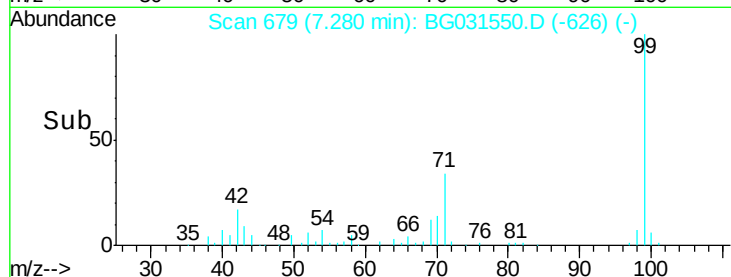
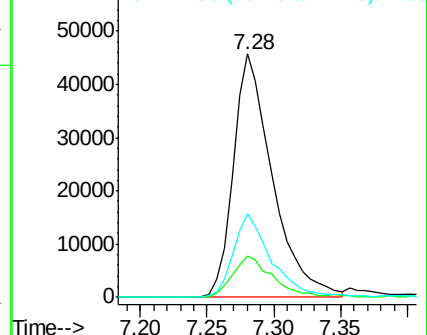
99 100

42 17.1 14.1 21.1

71 34.3 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# 1299

Delta R.T. 0.00 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

Tgt Ion: 136 Resp: 201335

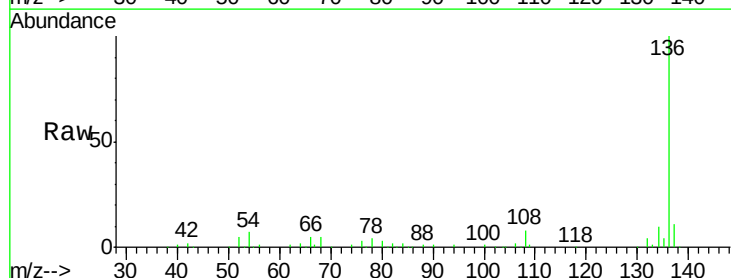
Ion Ratio Lower Upper

136 100

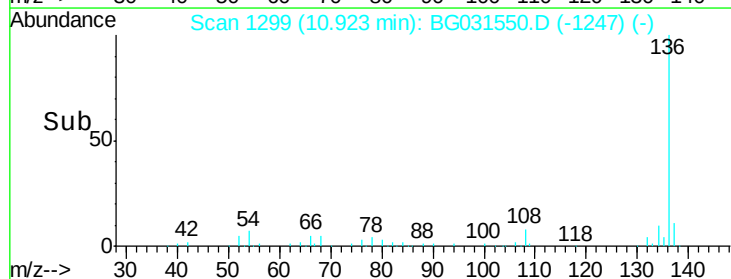
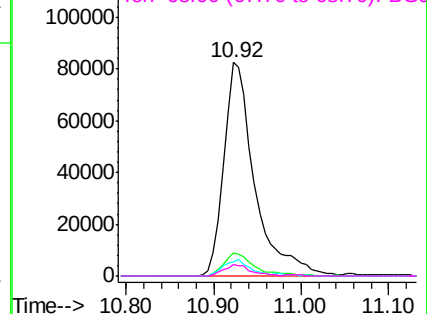
137 11.1 9.2 13.8

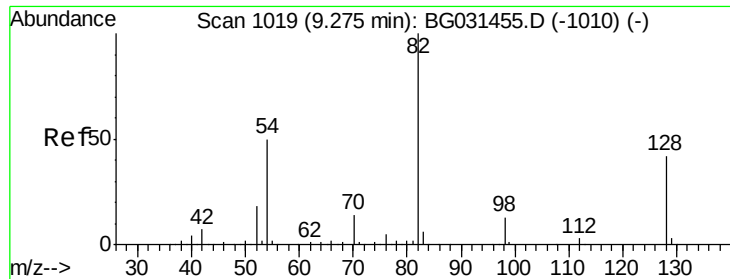
54 6.9 10.3 15.5#

68 5.2 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

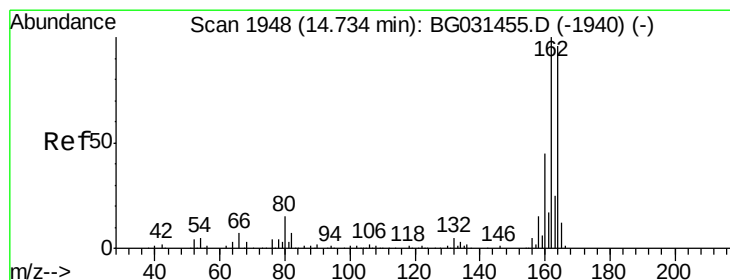
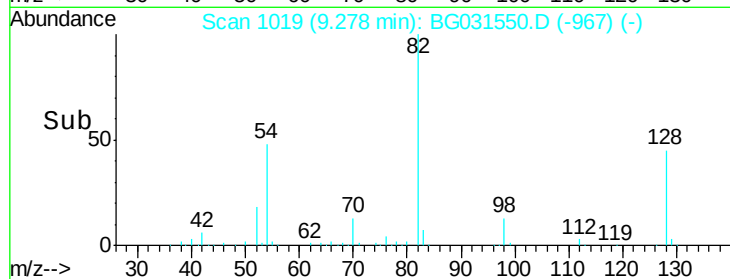
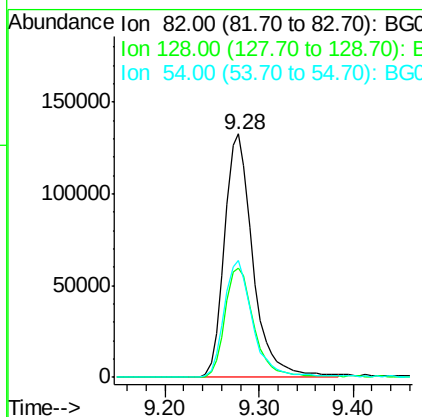
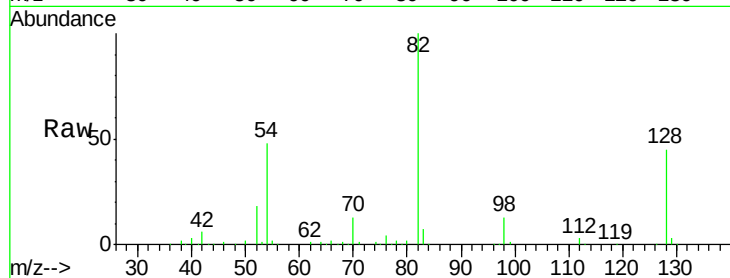




#23
 Nitrobenzene-d5
 Concen: 85.705 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031550.D
 Acq: 14 Dec 2017 5:07

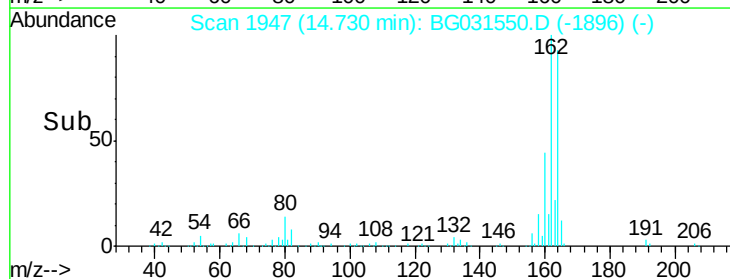
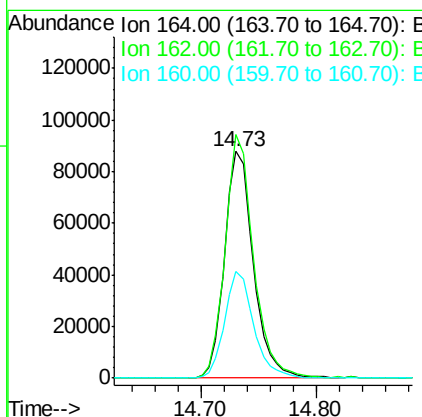
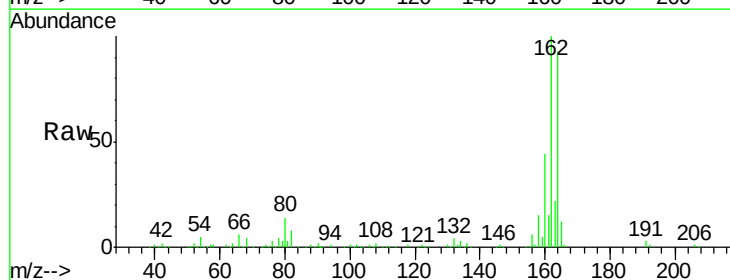
Instrument :
 BNA_G
 ClientSampleId :
 120617-JETT-F-D-M

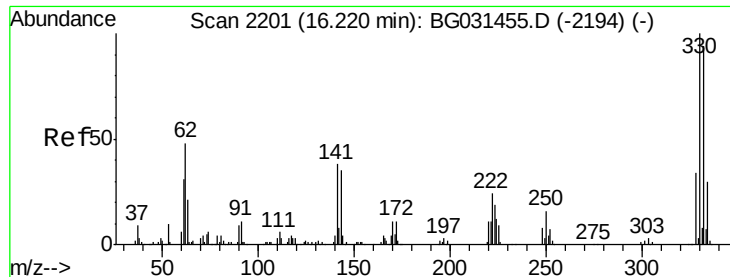
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.7	44.5#
54	47.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BG031550.D
 Acq: 14 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	78.8	118.2
160	47.2	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 107.022 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-D-M

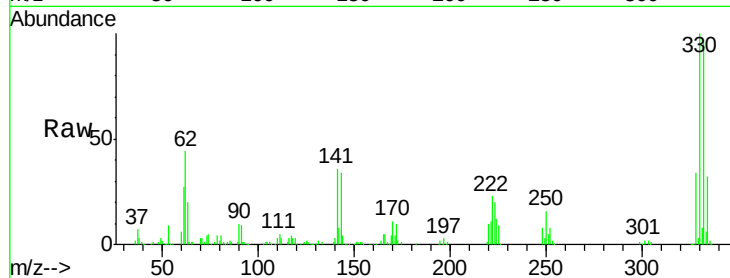
Tot Ion:330 Resp: 191290

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

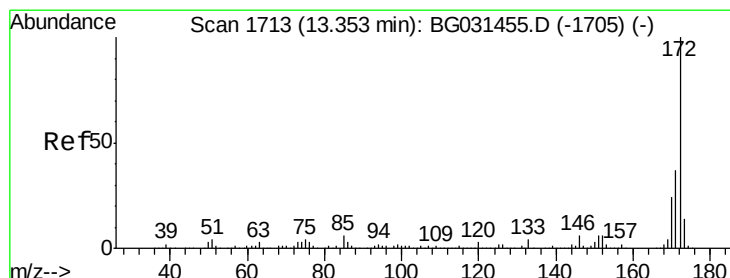
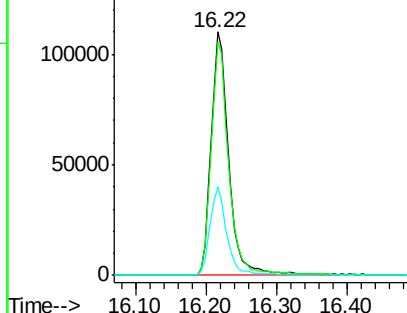
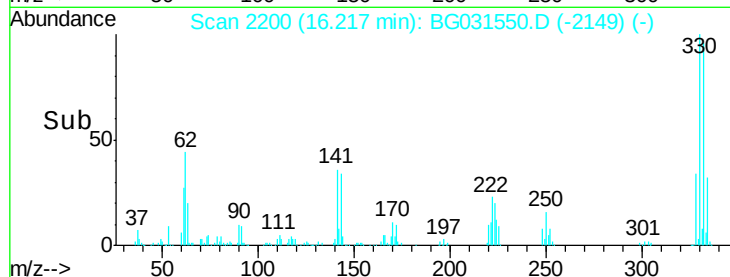
141 34.8 25.2 37.8



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: 88.541 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

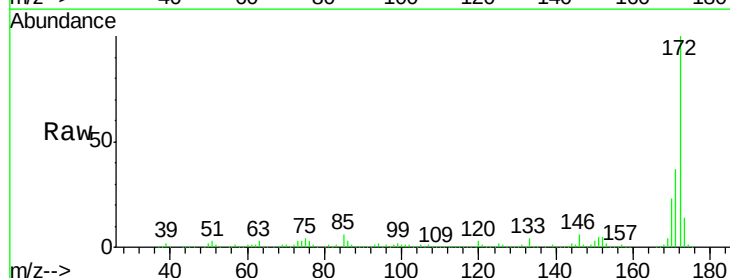
Tgt Ion:172 Resp: 920270

Ion Ratio Lower Upper

172 100

171 37.2 30.0 45.0

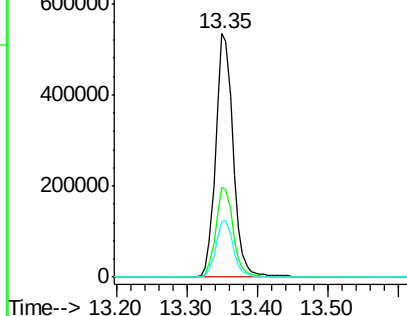
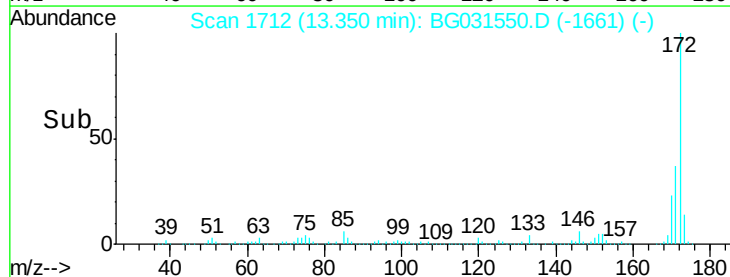
170 22.8 19.5 29.3

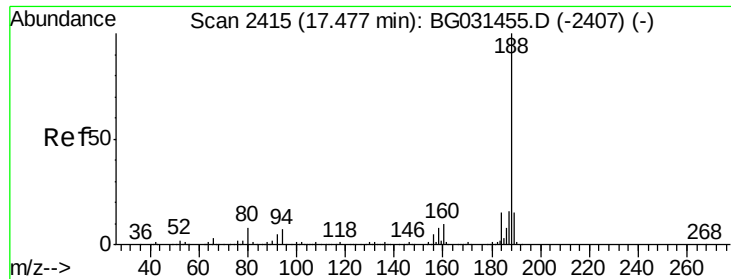


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

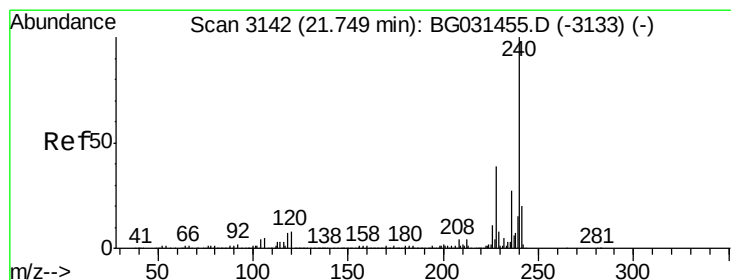
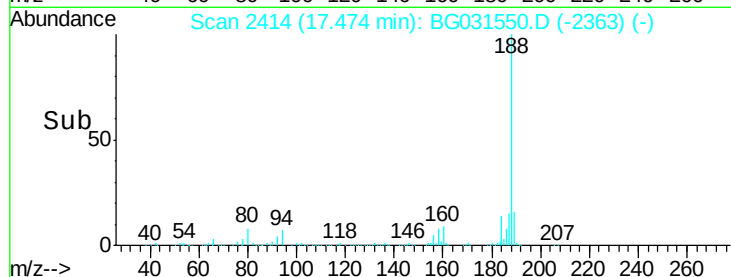
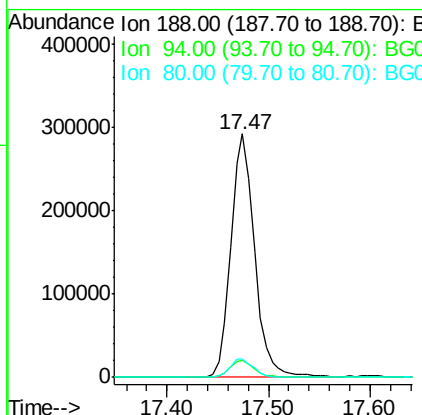
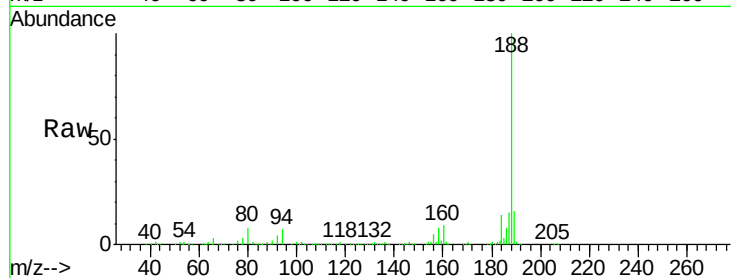




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031550.D
Acq: 14 Dec 2017 5:07

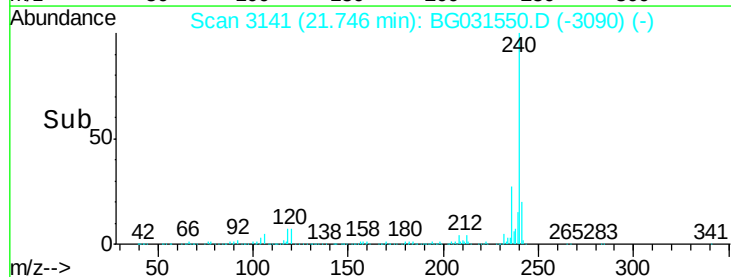
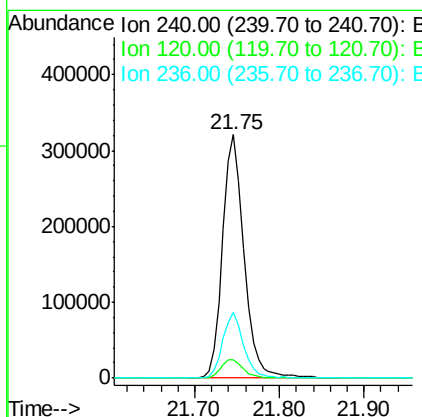
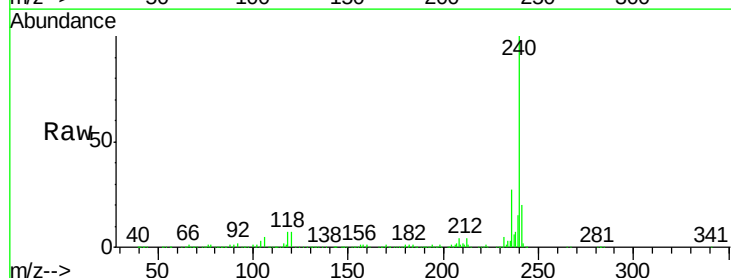
Instrument :
BNA_G
ClientSampleId :
120617-JETT-F-D-M

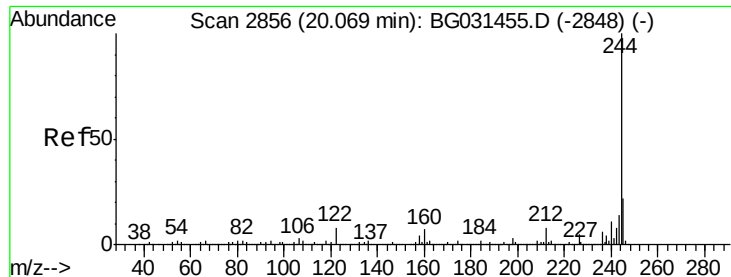
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.7	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031550.D
Acq: 14 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	26.8	20.9	31.3





#78

Terphenyl-d14

Concen: 77.860 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-D-M

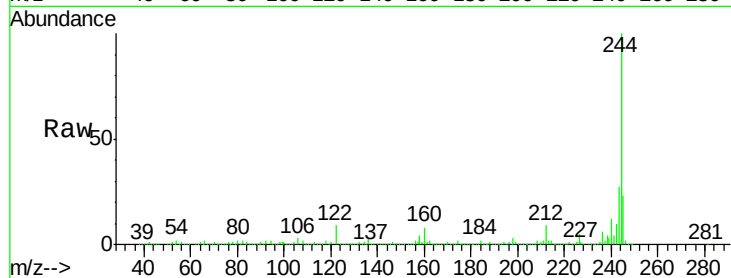
Tot Ion:244 Resp: 1937875

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

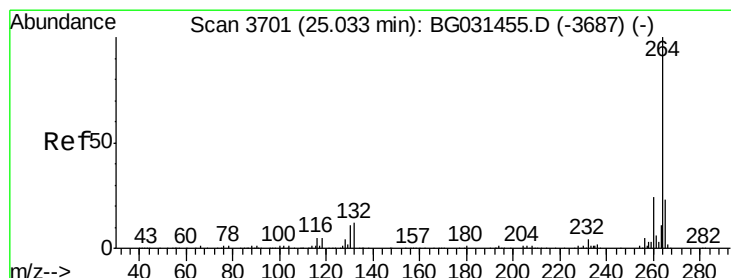
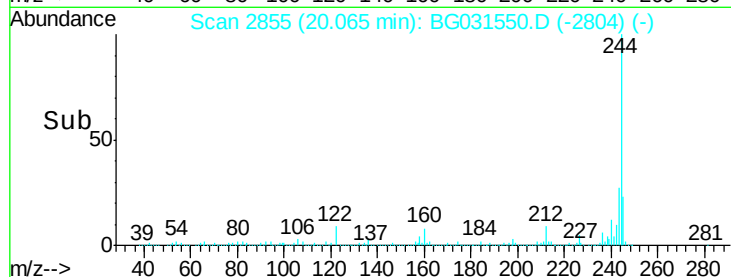
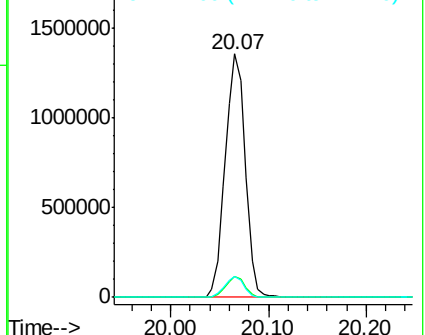
122 8.8 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

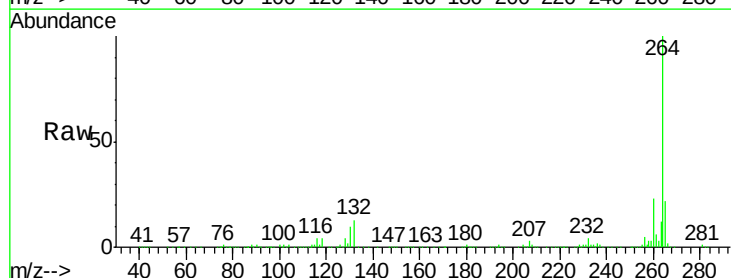
Tgt Ion:264 Resp: 544714

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 22.4 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

