

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031549.D
 Acq On : 14 Dec 2017 4:30
 Operator : SJ/JU
 Sample : I6817-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Dec 14 07:44:41 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	49705	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	212056	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	157406	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	498461	20.00	ng	0.00
75) Chrysene-d12	21.74	240	586847	20.00	ng	0.00
86) Perylene-d12	25.03	264	568824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	108131	38.56	ng	0.00
7) Phenol-d6	7.28	99	86357	22.18	ng	0.00
23) Nitrobenzene-d5	9.28	82	263972	76.73	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	176835	95.89	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	860979	80.29	ng	0.00
78) Terphenyl-d14	20.06	244	1792170	69.48	ng	0.00

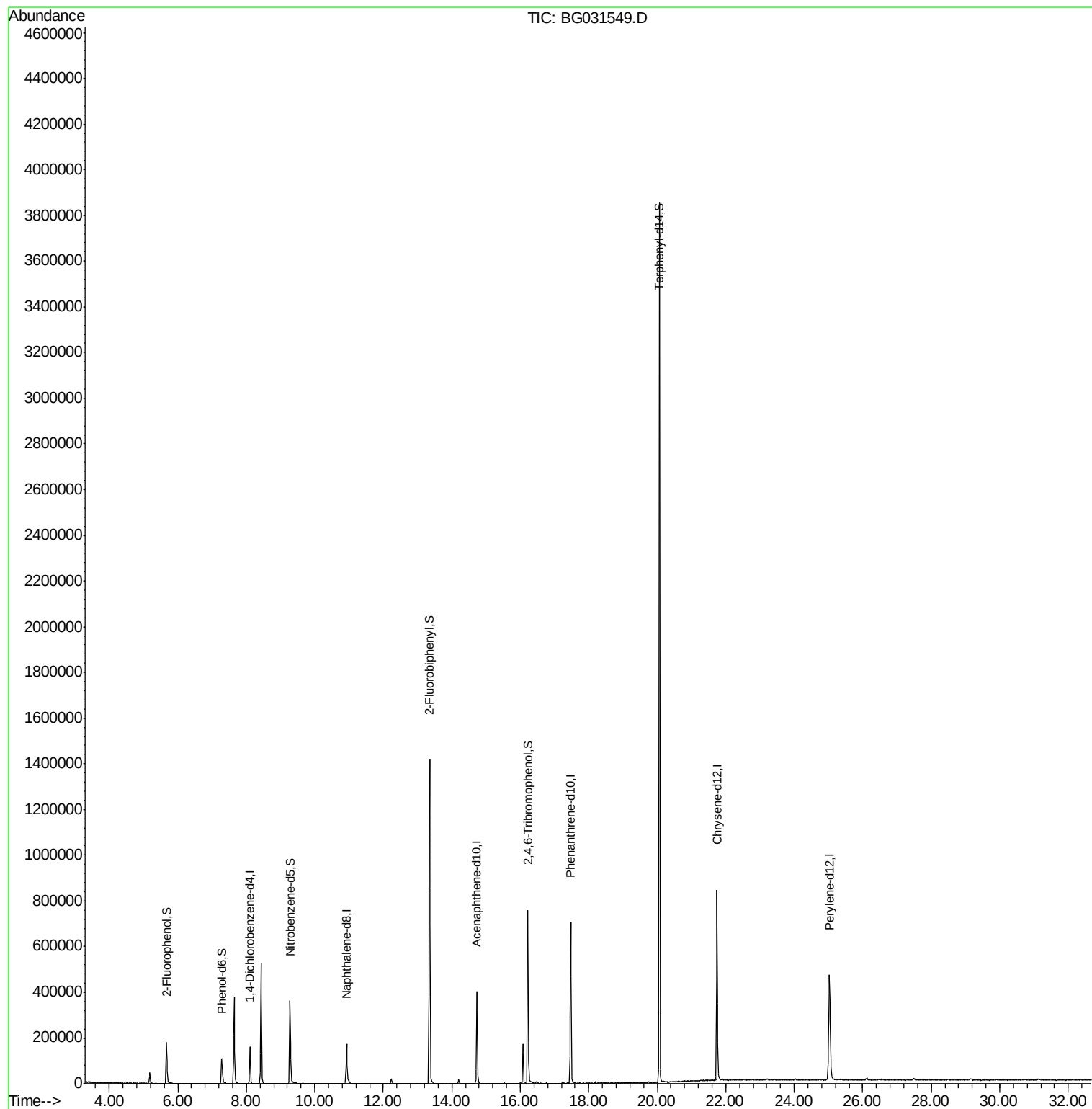
Target Compounds Qvalue

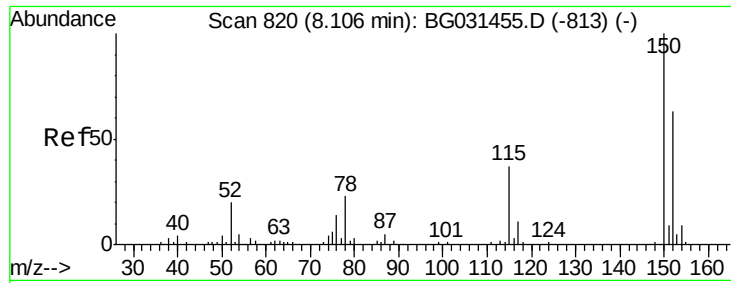
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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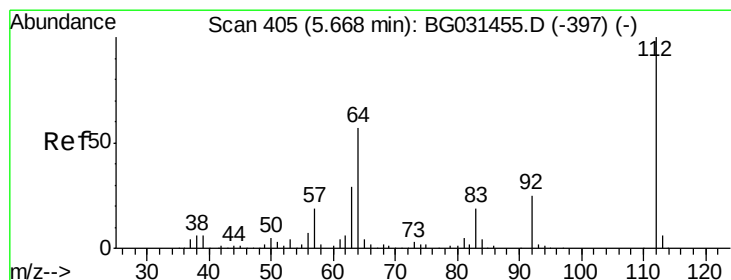
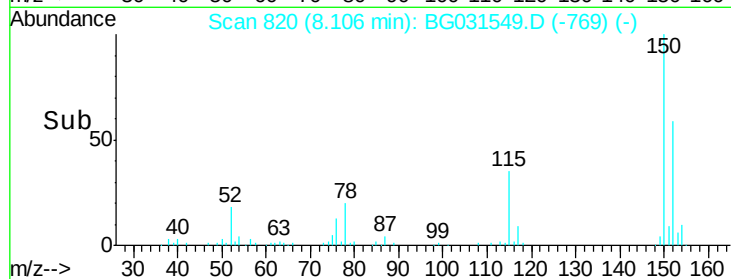
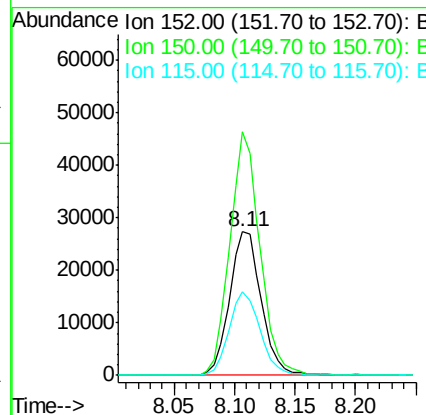
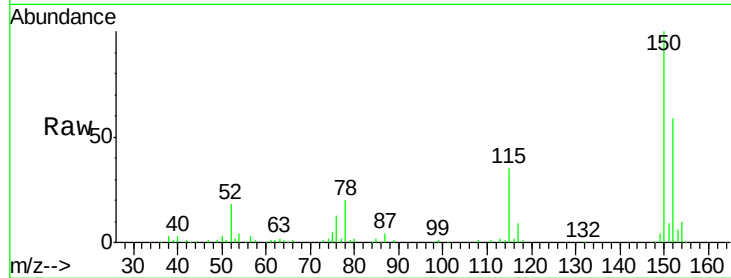


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031549.D
Acq: 14 Dec 2017 4:30

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

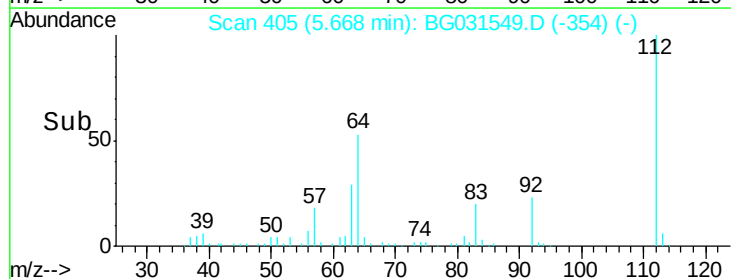
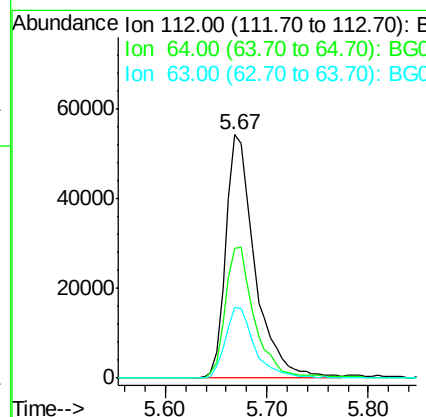
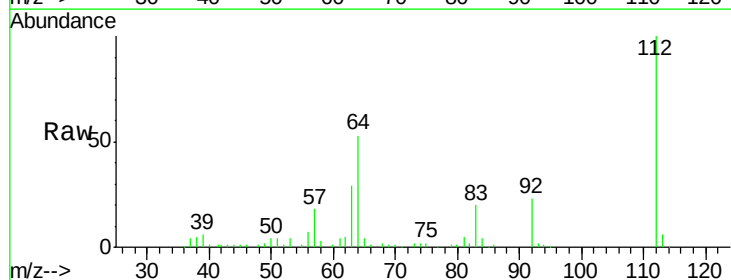
Tot Ion	Ratio	Lower	Upper
152	100		
150	169.5	126.6	189.8
115	58.6	53.0	79.4

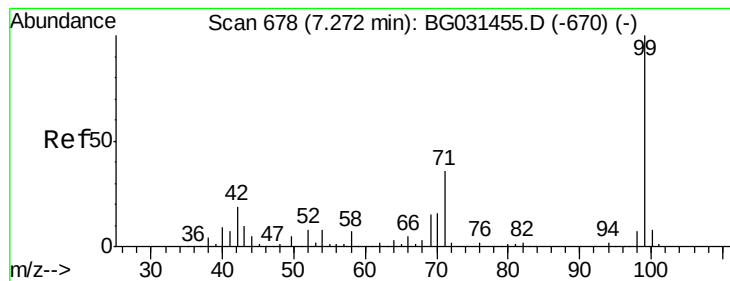


#5

2-Fluorophenol
Concen: 38.560 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031549.D
Acq: 14 Dec 2017 4:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	56.3	84.5#
63	28.9	30.1	45.1#





#7

Phenol-d6

Concen: 22.183 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031549.D

Acq: 14 Dec 2017 4:30

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-D-B

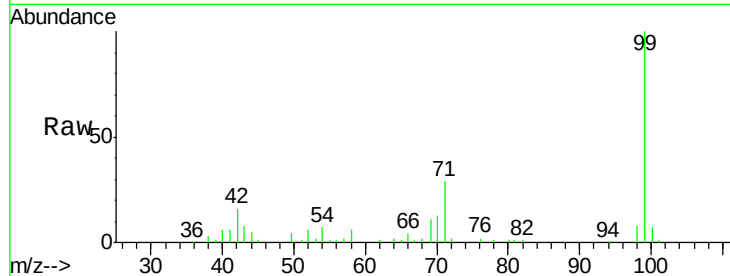
Tot Ion: 99 Resp: 86357

Ion Ratio Lower Upper

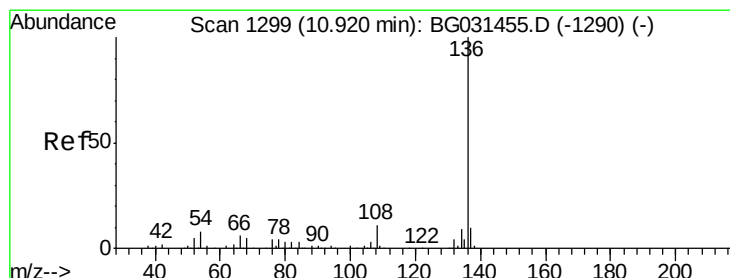
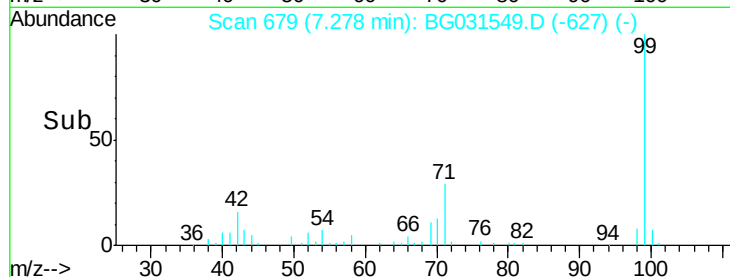
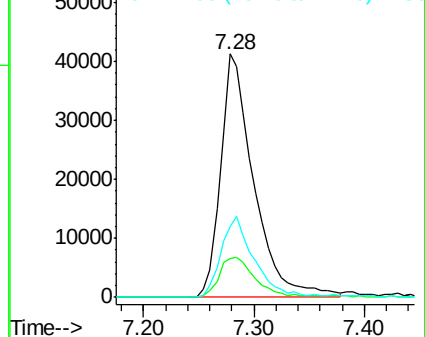
99 100

42 15.7 14.1 21.1

71 28.9 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031549.D

Acq: 14 Dec 2017 4:30

Tgt Ion: 136 Resp: 212056

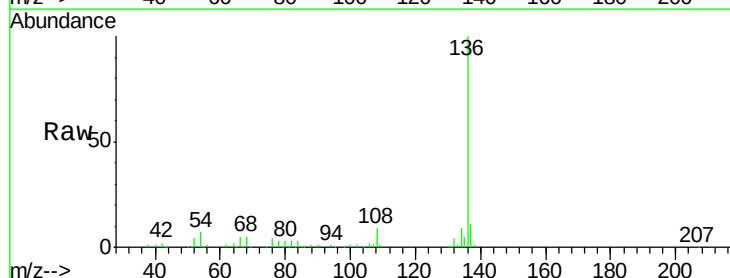
Ion Ratio Lower Upper

136 100

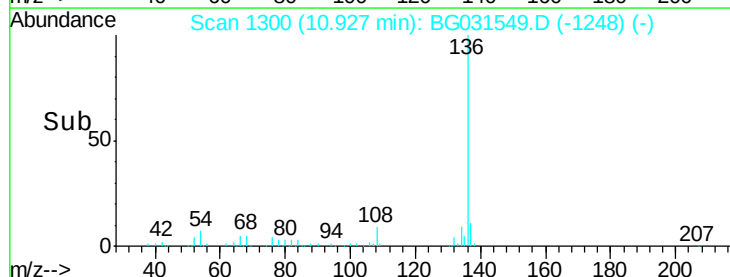
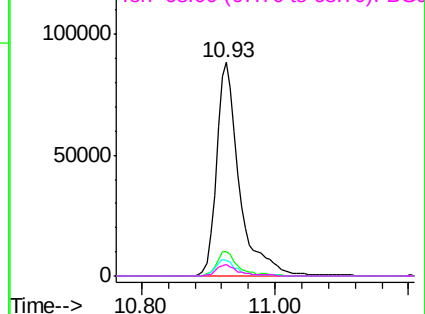
137 11.3 9.2 13.8

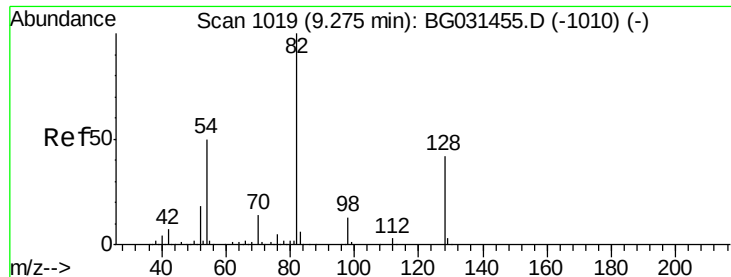
54 7.1 10.3 15.5#

68 5.1 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

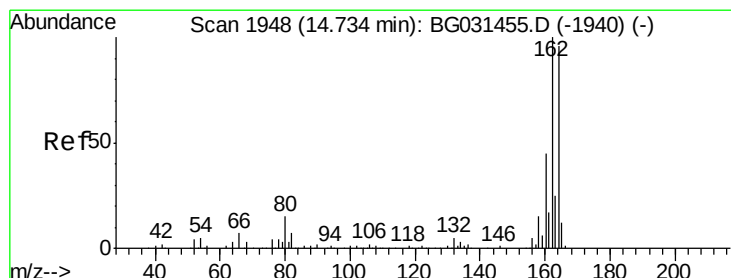
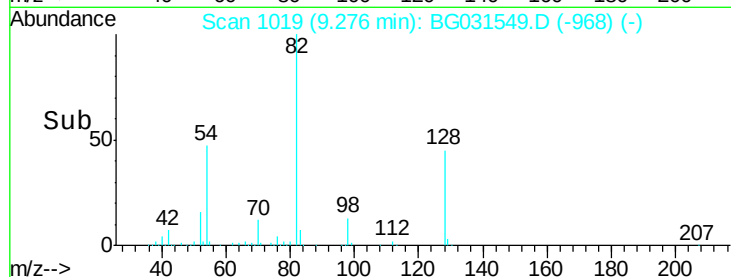
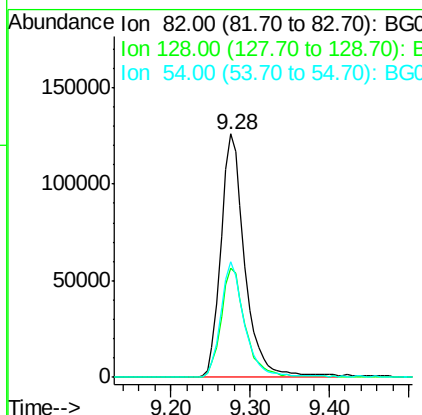
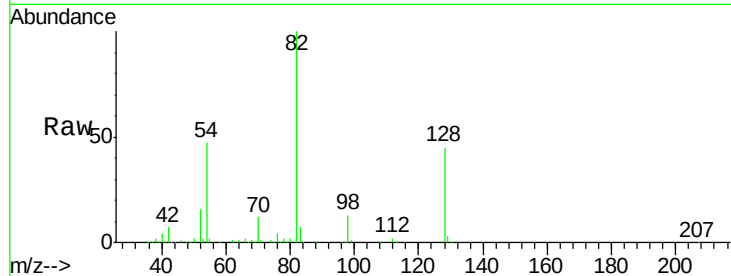




#23
Nitrobenzene-d5
Concen: 76.727 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031549.D
Acq: 14 Dec 2017 4:30

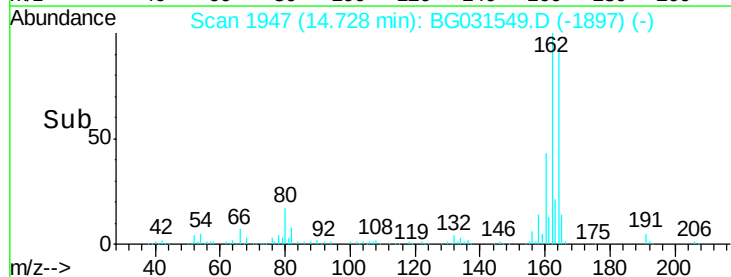
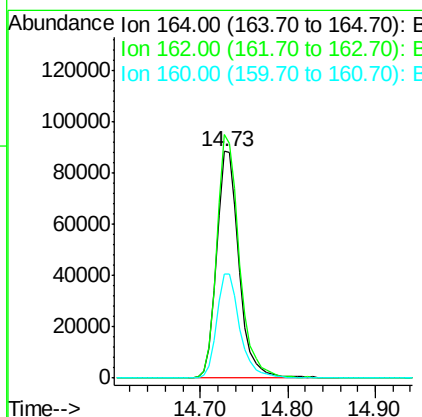
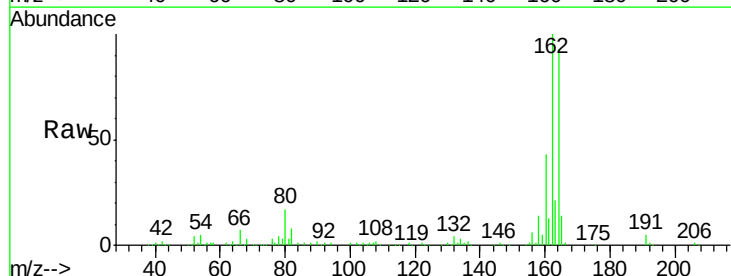
Instrument :
BNA_G
ClientSampleId :
120617-JETT-F-D-B

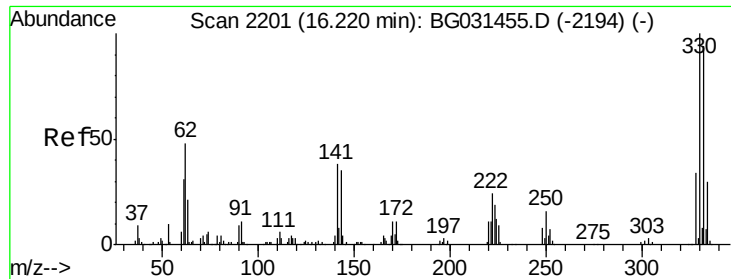
Tot Ion	82	Resp	263972
Ion Ratio	Lower	Upper	
82	100		
128	44.8	29.7	44.5#
54	47.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031549.D
Acq: 14 Dec 2017 4:30

Tgt Ion	164	Resp	157406
Ion Ratio	Lower	Upper	
164	100		
162	107.5	78.8	118.2
160	45.9	35.4	53.0

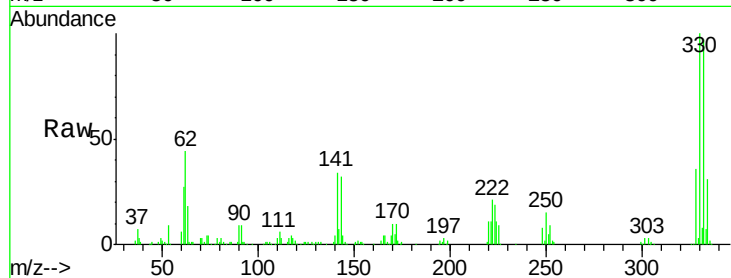




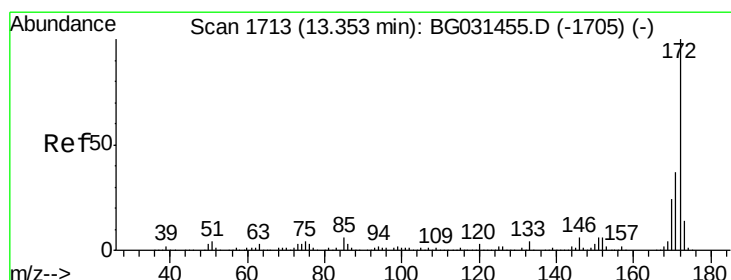
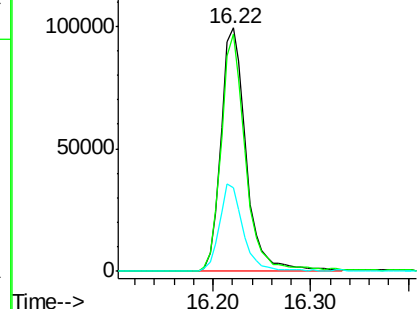
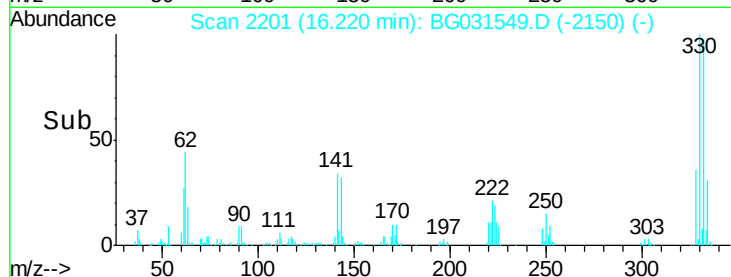
#41
 2,4,6-Tribromophenol
 Concen: 95.893 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031549.D
 Acq: 14 Dec 2017 4:30

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	34.2	25.2	37.8

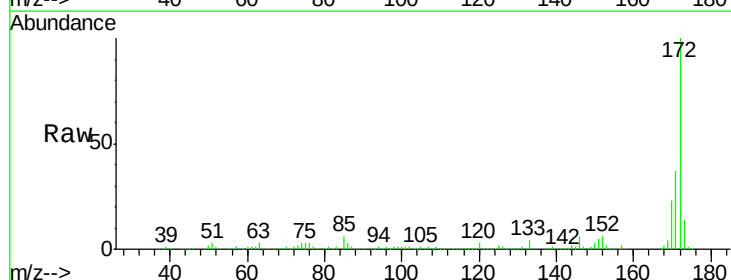


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

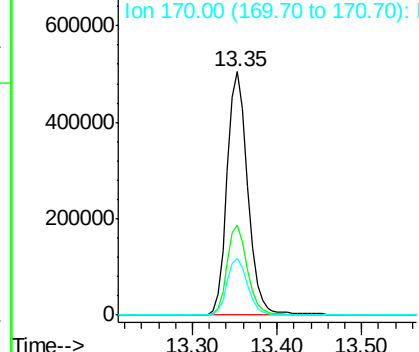
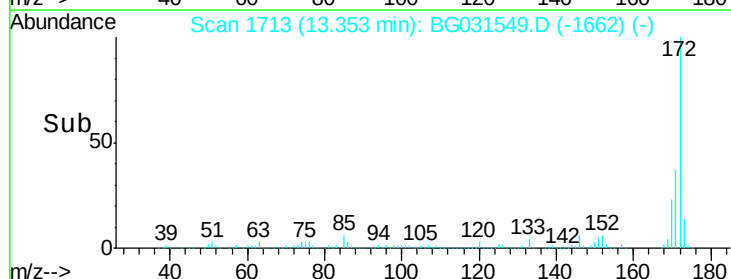


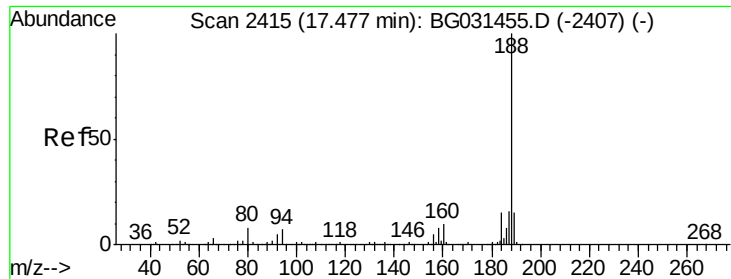
#44
 2-Fluorobiphenyl
 Concen: 80.290 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031549.D
 Acq: 14 Dec 2017 4:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.5	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. -0.01 min

Lab File: BG031549.D

Acq: 14 Dec 2017 4:30

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-D-B

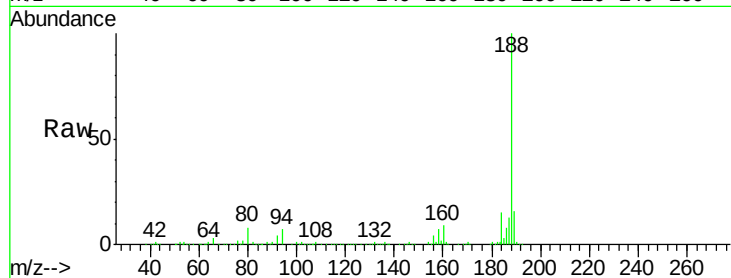
Tot Ion:188 Resp: 498461

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

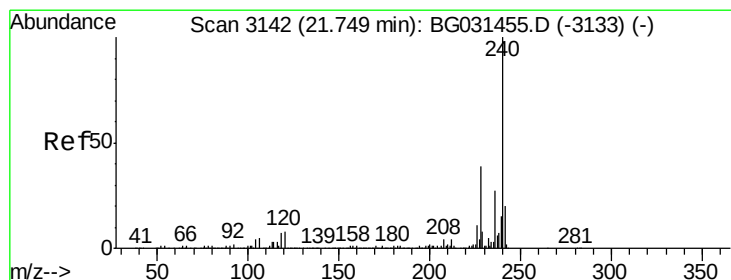
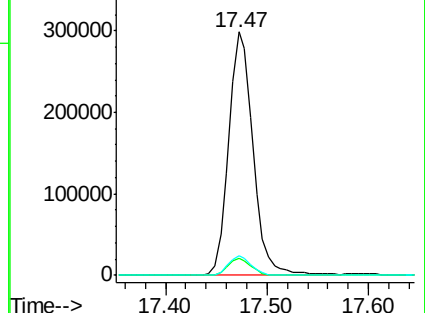
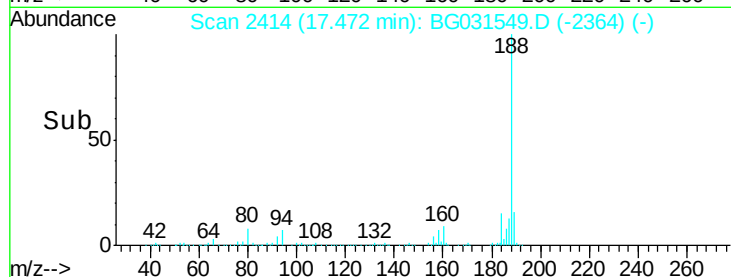
80 8.2 7.7 11.5



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# 3141

Delta R.T. -0.01 min

Lab File: BG031549.D

Acq: 14 Dec 2017 4:30

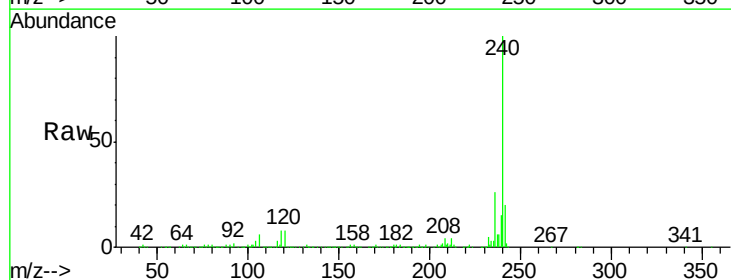
Tgt Ion:240 Resp: 586847

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

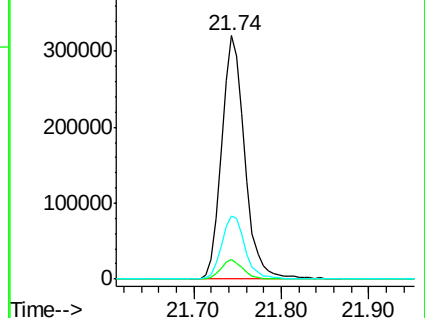
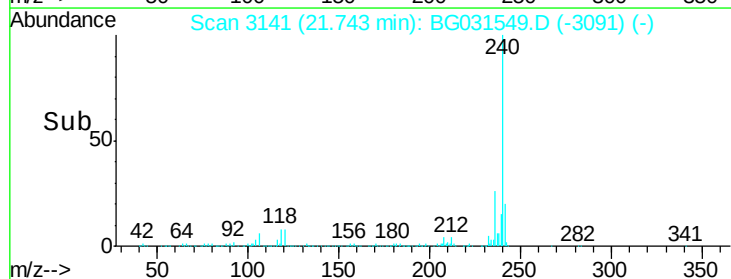
236 26.0 20.9 31.3

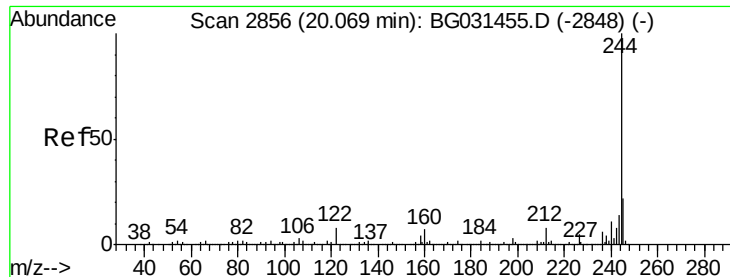


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.481 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031549.D

Acq: 14 Dec 2017 4:30

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-D-B

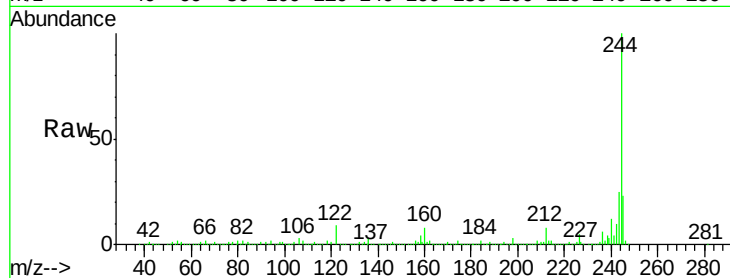
Tot Ion:244 Resp: 1792170

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

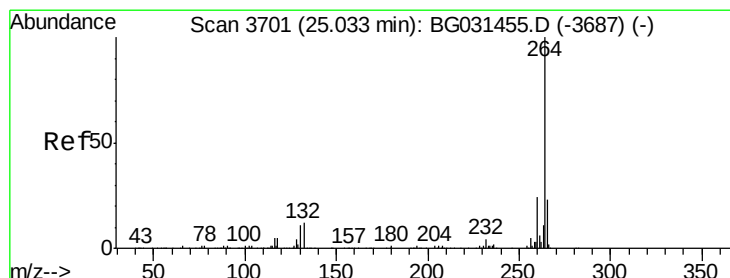
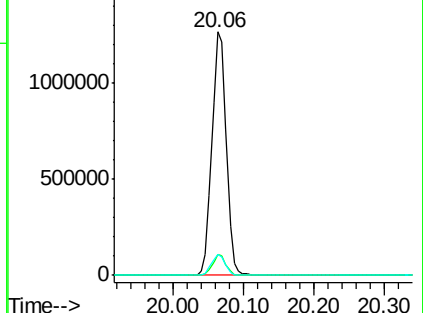
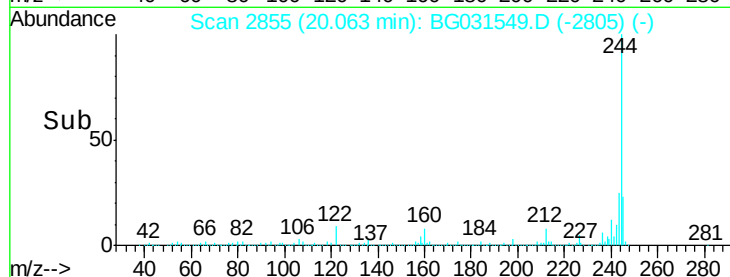
122 8.8 7.0 10.4



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. -0.01 min

Lab File: BG031549.D

Acq: 14 Dec 2017 4:30

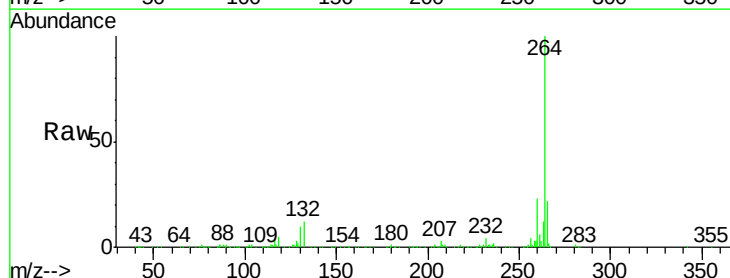
Tgt Ion:264 Resp: 568824

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.5 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

