

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035477.D
 Acq On : 28 Jun 2018 12:24
 Operator : JU/SJ
 Sample : J3242-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-G

Quant Time: Jun 28 14:01:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

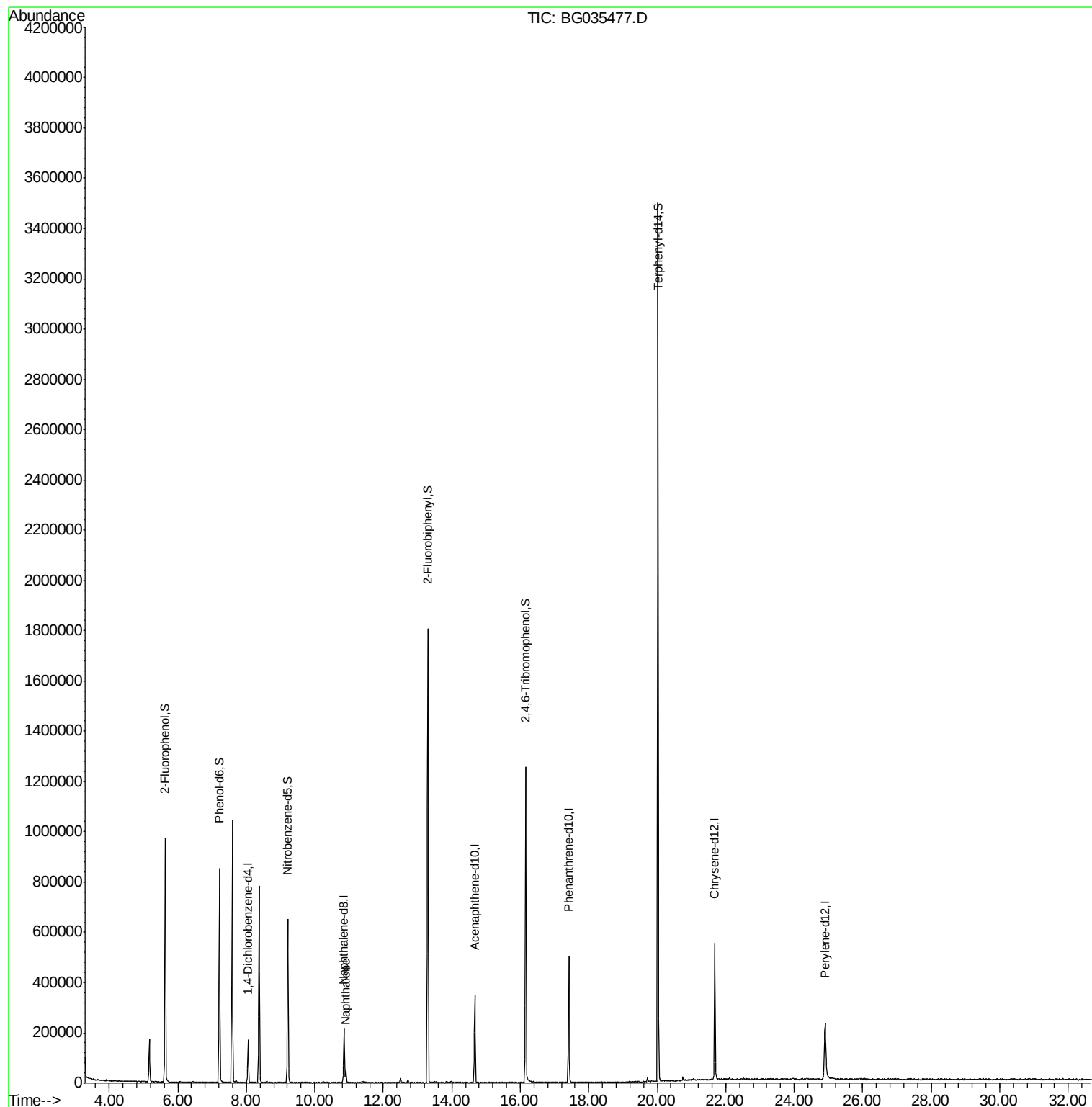
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48192	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	177086	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	127422	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	326437	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	357566	20.00	ng	-0.04
86) Perylene-d12	24.90	264	314483	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	417985	146.37	ng	-0.01
7) Phenol-d6	7.22	99	538395	127.74	ng	0.00
23) Nitrobenzene-d5	9.22	82	442347	118.74	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	240411	147.39	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	971869	99.15	ng	-0.03
78) Terphenyl-d14	20.02	244	1746521	102.31	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	41532	4.515	ng	Qvalue 99

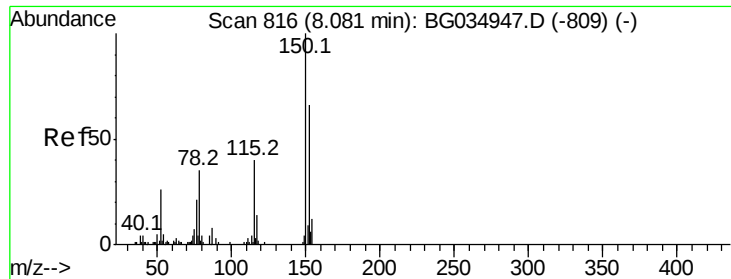
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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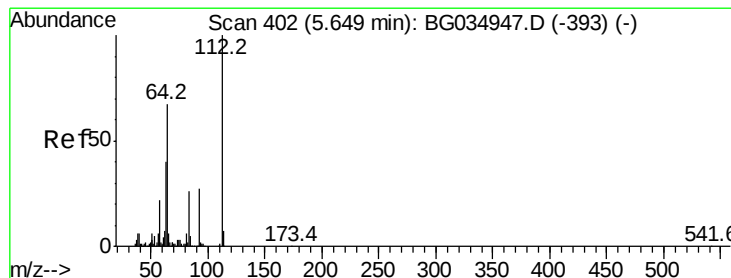
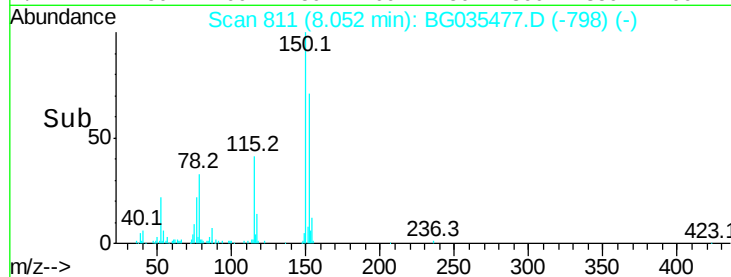
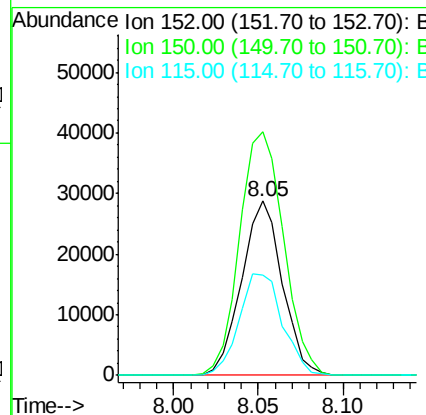
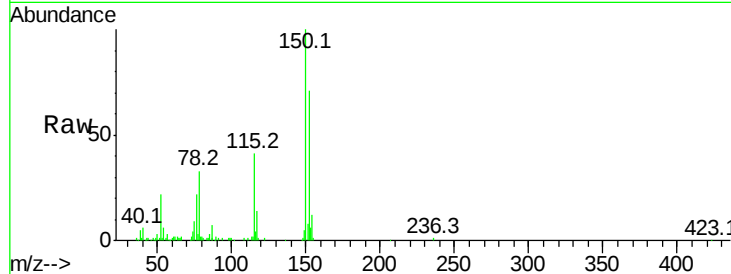


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035477.D
Acq: 28 Jun 2018 12:24

Instrument :
BNA_G
ClientSampleId :
JC-02-062618-G

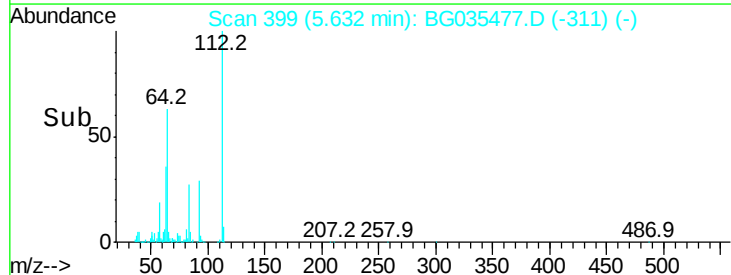
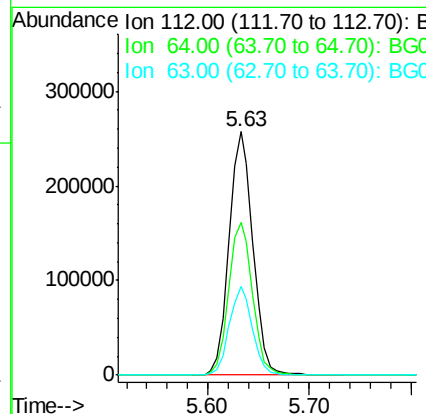
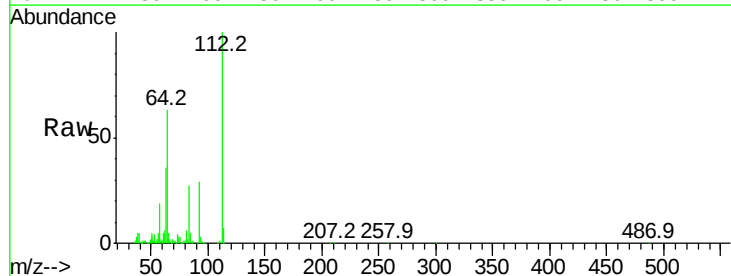
Tot Ion:152 Resp: 48192
Ion Ratio Lower Upper
152 100
150 140.0 126.6 189.8
115 57.5 53.0 79.4

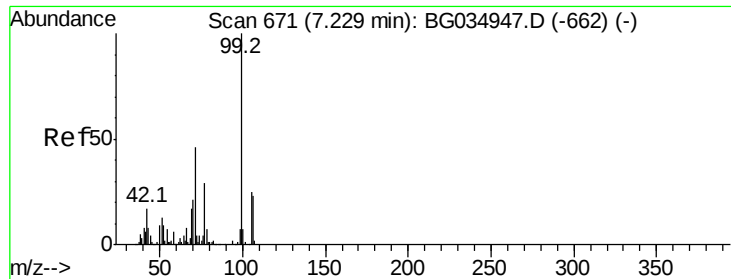


#5

2-Fluorophenol
Concen: 146.372 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035477.D
Acq: 28 Jun 2018 12:24

Tgt Ion:112 Resp: 417985
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 36.2 30.1 45.1





#7

Phenol-d6

Concen: 127.741 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035477.D

Acq: 28 Jun 2018 12:24

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-G

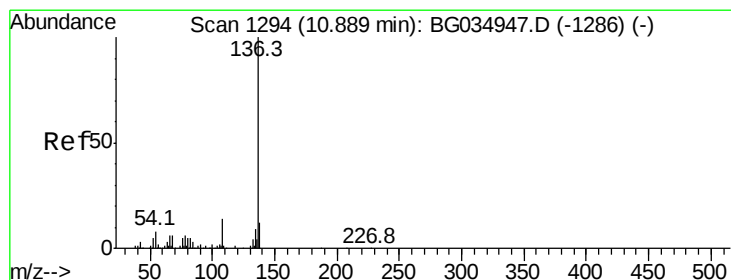
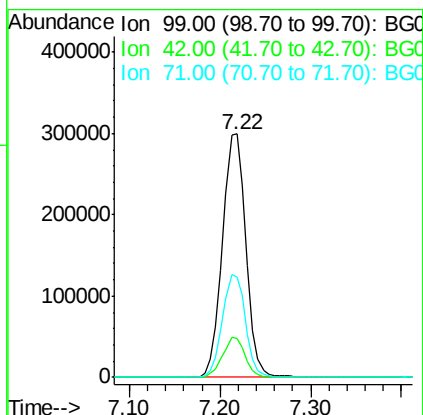
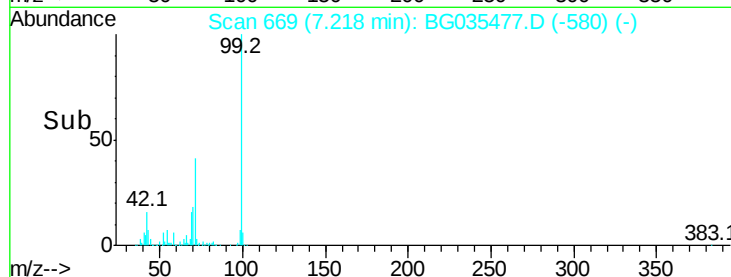
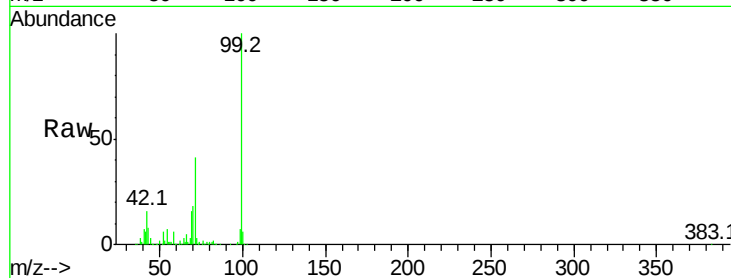
Tot Ion: 99 Resp: 538395

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 41.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035477.D

Acq: 28 Jun 2018 12:24

Tgt Ion: 136 Resp: 177086

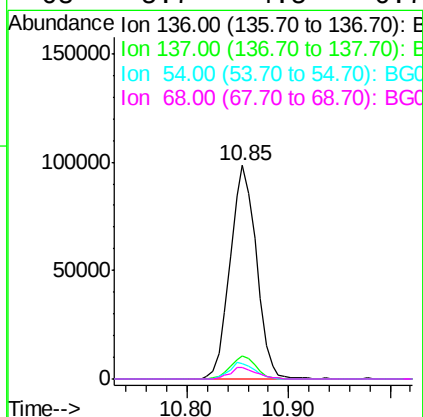
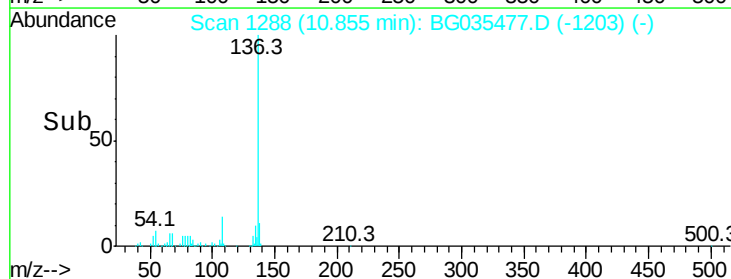
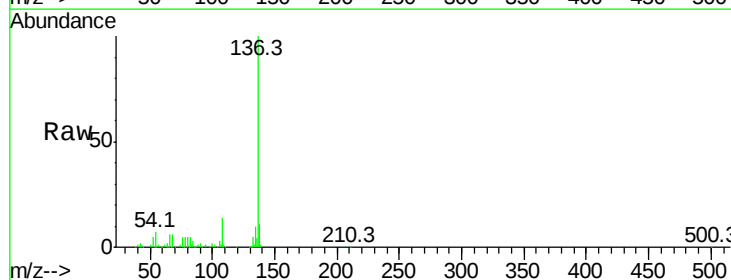
Ion Ratio Lower Upper

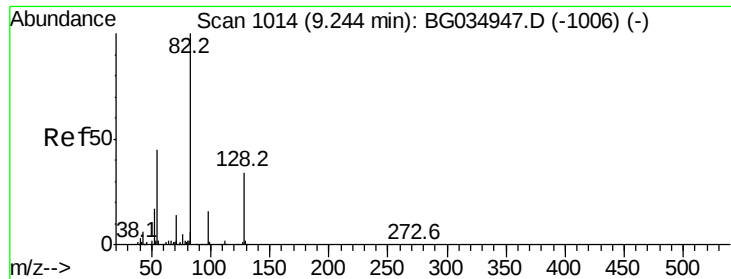
136 100

137 10.8 9.2 13.8

54 7.1 10.3 15.5#

68 5.7 4.5 6.7

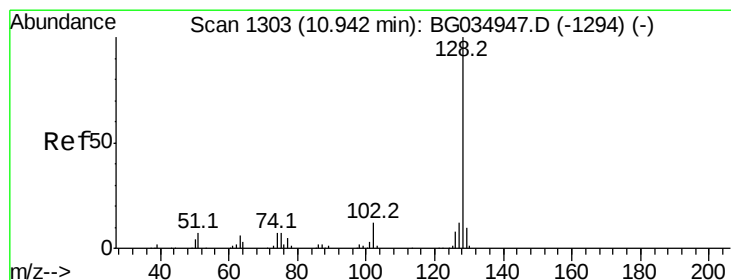
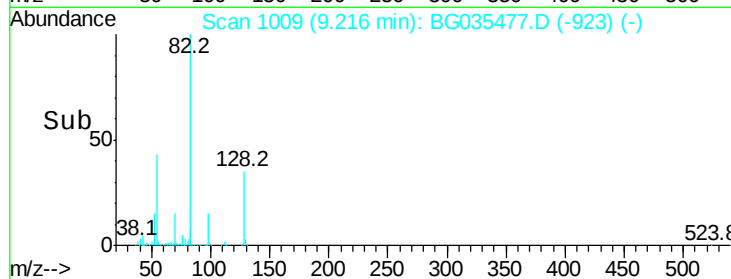
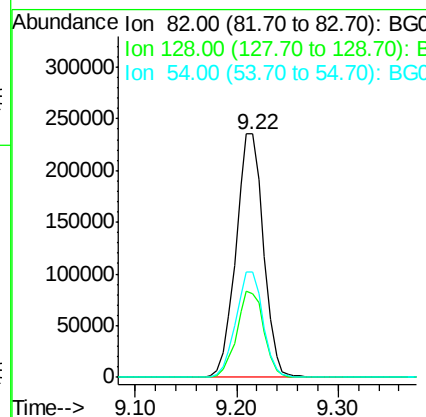
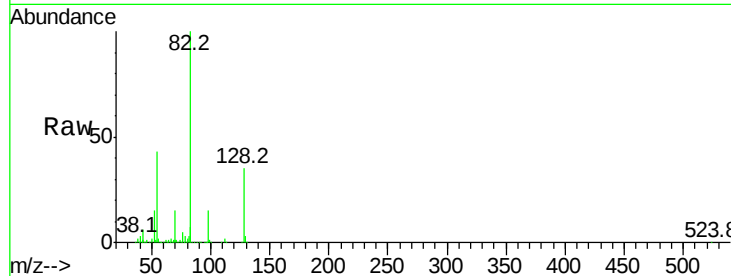




#23
 Nitrobenzene-d5
 Concen: 118.737 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035477.D
 Acq: 28 Jun 2018 12:24

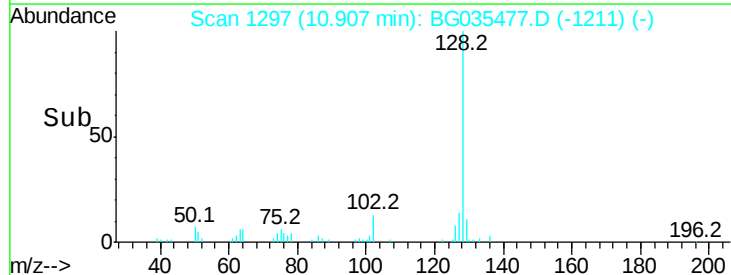
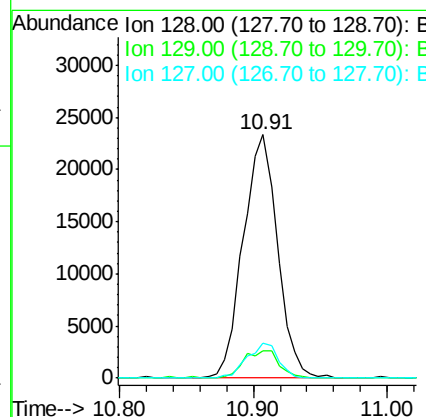
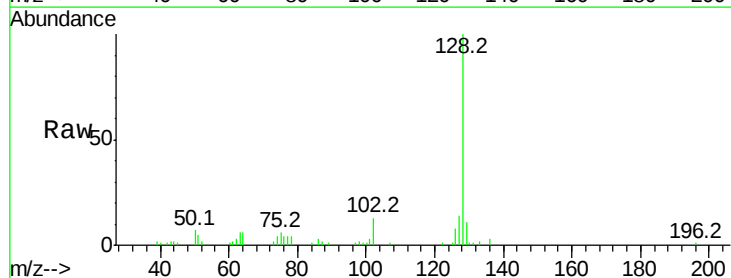
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-G

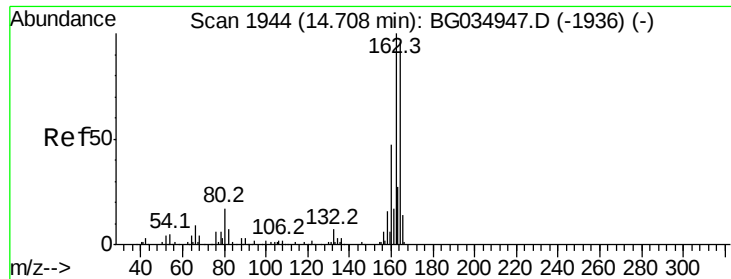
Tot Ion	82	Resp	442347
Ion Ratio	100	Lower	Upper
128	34.6	29.7	44.5
54	43.1	43.1	64.7#



#31
 Naphthalene
 Concen: 4.515 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BG035477.D
 Acq: 28 Jun 2018 12:24

Tgt Ion	128	Resp	41532
Ion Ratio	100	Lower	Upper
129	11.2	8.6	12.8
127	14.2	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035477.D

Acq: 28 Jun 2018 12:24

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-G

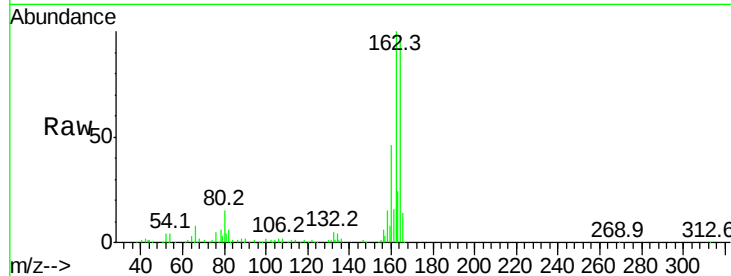
Tot Ion:164 Resp: 127422

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

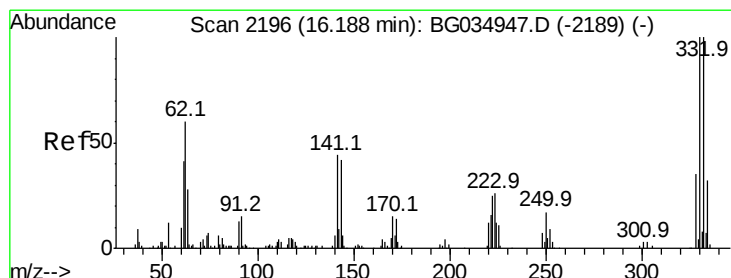
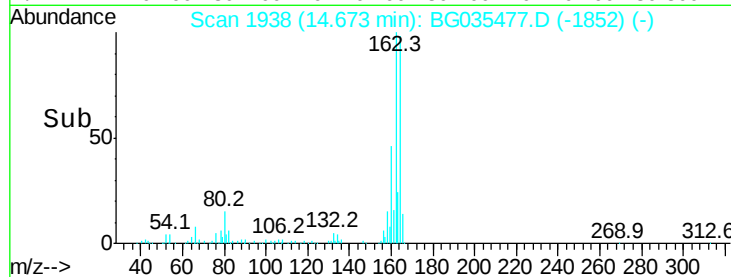
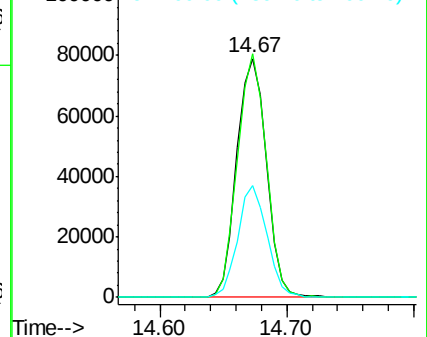
160 46.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 147.386 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035477.D

Acq: 28 Jun 2018 12:24

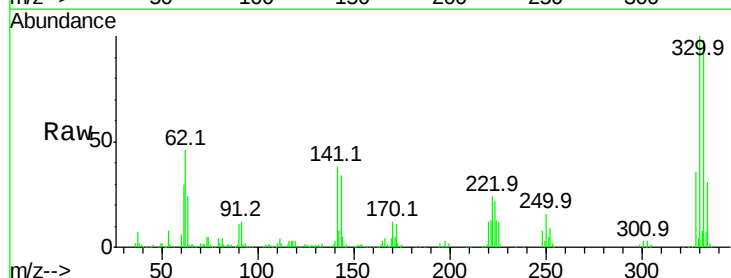
Tgt Ion:330 Resp: 240411

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

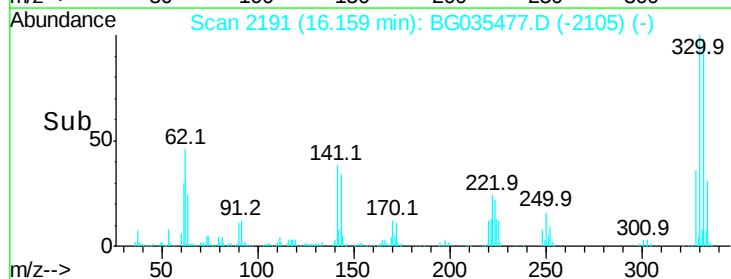
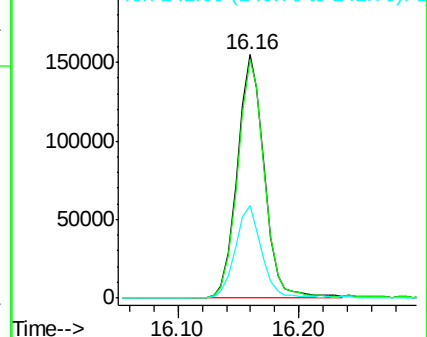
141 37.2 25.2 37.8

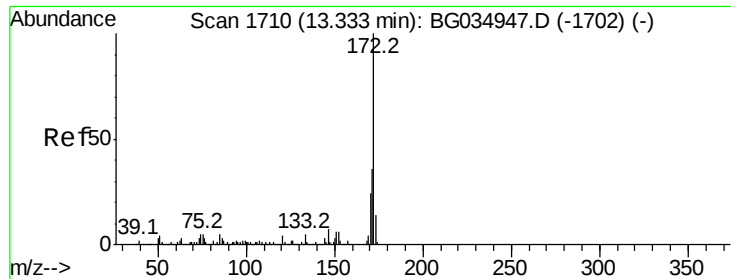


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

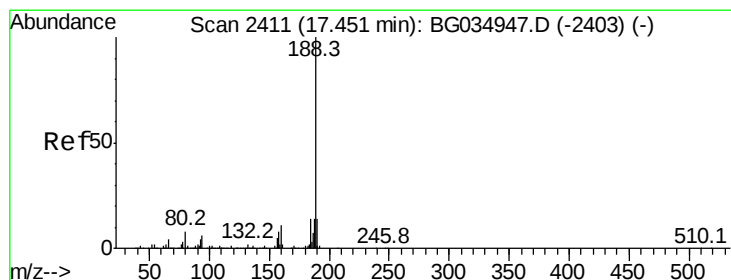
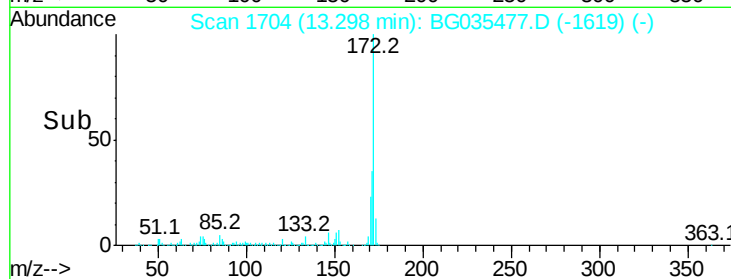
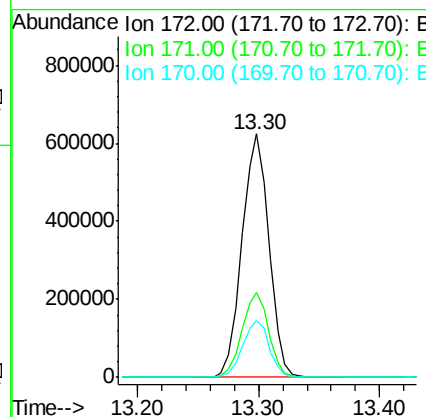
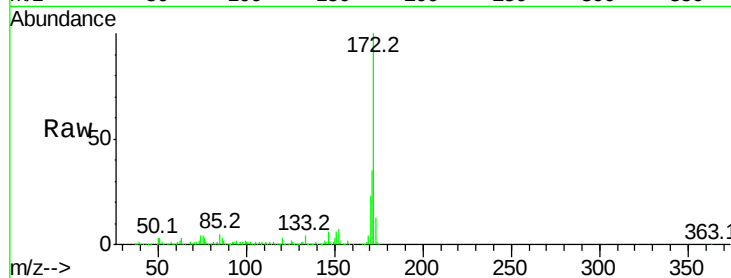




#44
 2-Fluorobiphenyl
 Concen: 99.153 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035477.D
 Acq: 28 Jun 2018 12:24

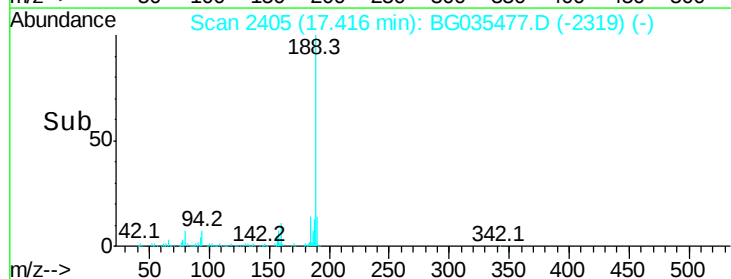
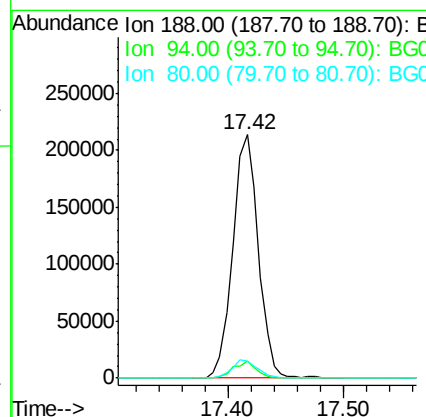
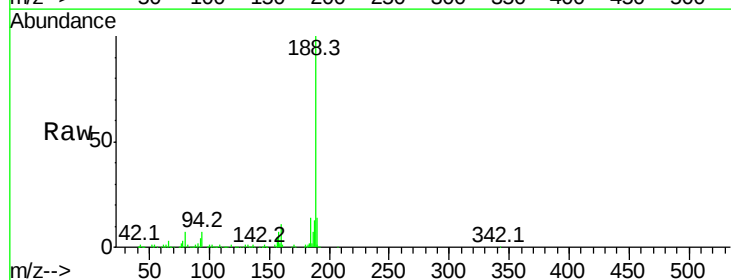
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-G

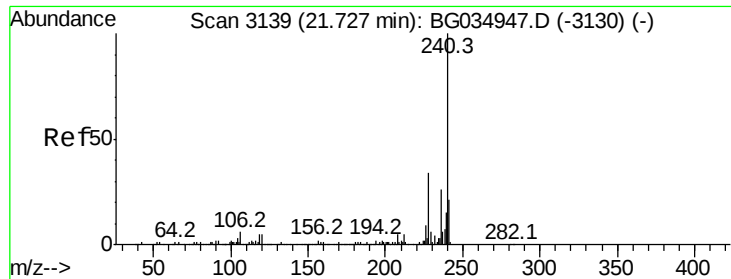
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.1	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035477.D
 Acq: 28 Jun 2018 12:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.1	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035477.D

Acq: 28 Jun 2018 12:24

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-G

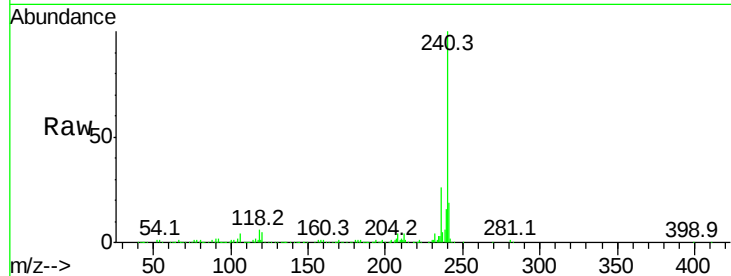
Tot Ion:240 Resp: 357566

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

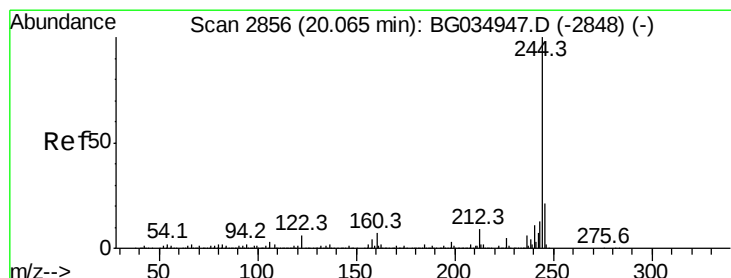
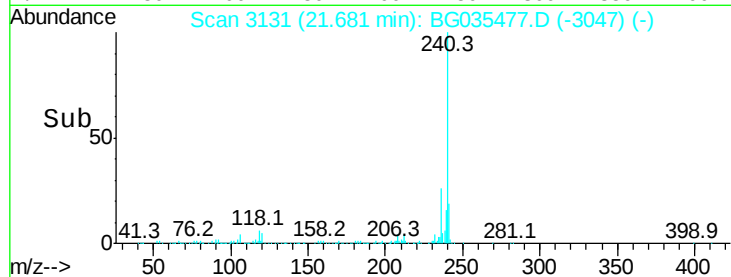
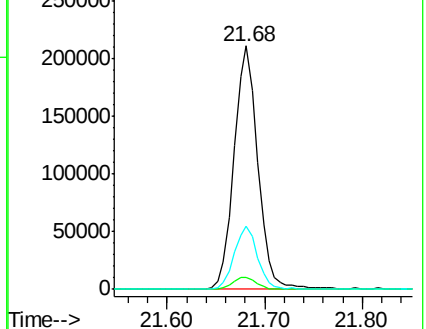
236 25.9 20.9 31.3



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: 102.314 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035477.D

Acq: 28 Jun 2018 12:24

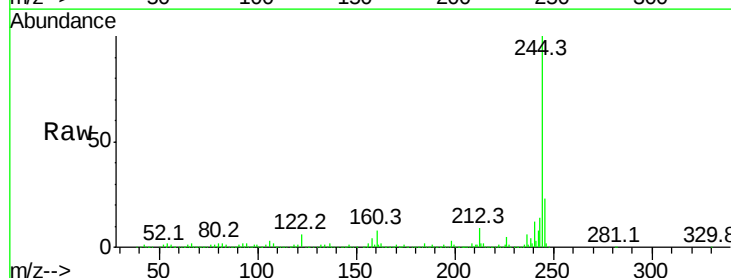
Tgt Ion:244 Resp: 1746521

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

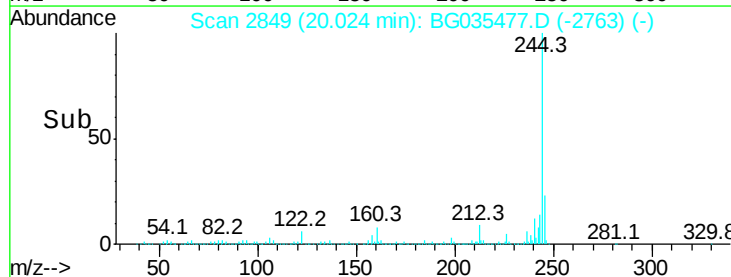
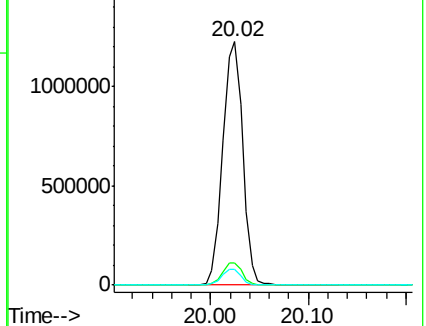
122 6.3 7.0 10.4#

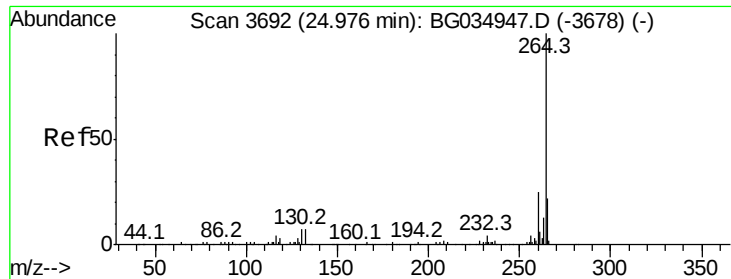


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035477.D
Acq: 28 Jun 2018 12:24

Instrument :
BNA_G
ClientSampleId :
JC-02-062618-G

Tot Ion:264 Resp: 314483

Ion	Ratio	Lower	Upper
264	100		
260	27.2	17.4	26.0#
265	24.6	17.7	26.5

