

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035327.D
 Acq On : 22 Jun 2018 10:11
 Operator : JU/SJ
 Sample : J3622-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 275-137-282-284

Quant Time: Jun 22 10:56:51 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

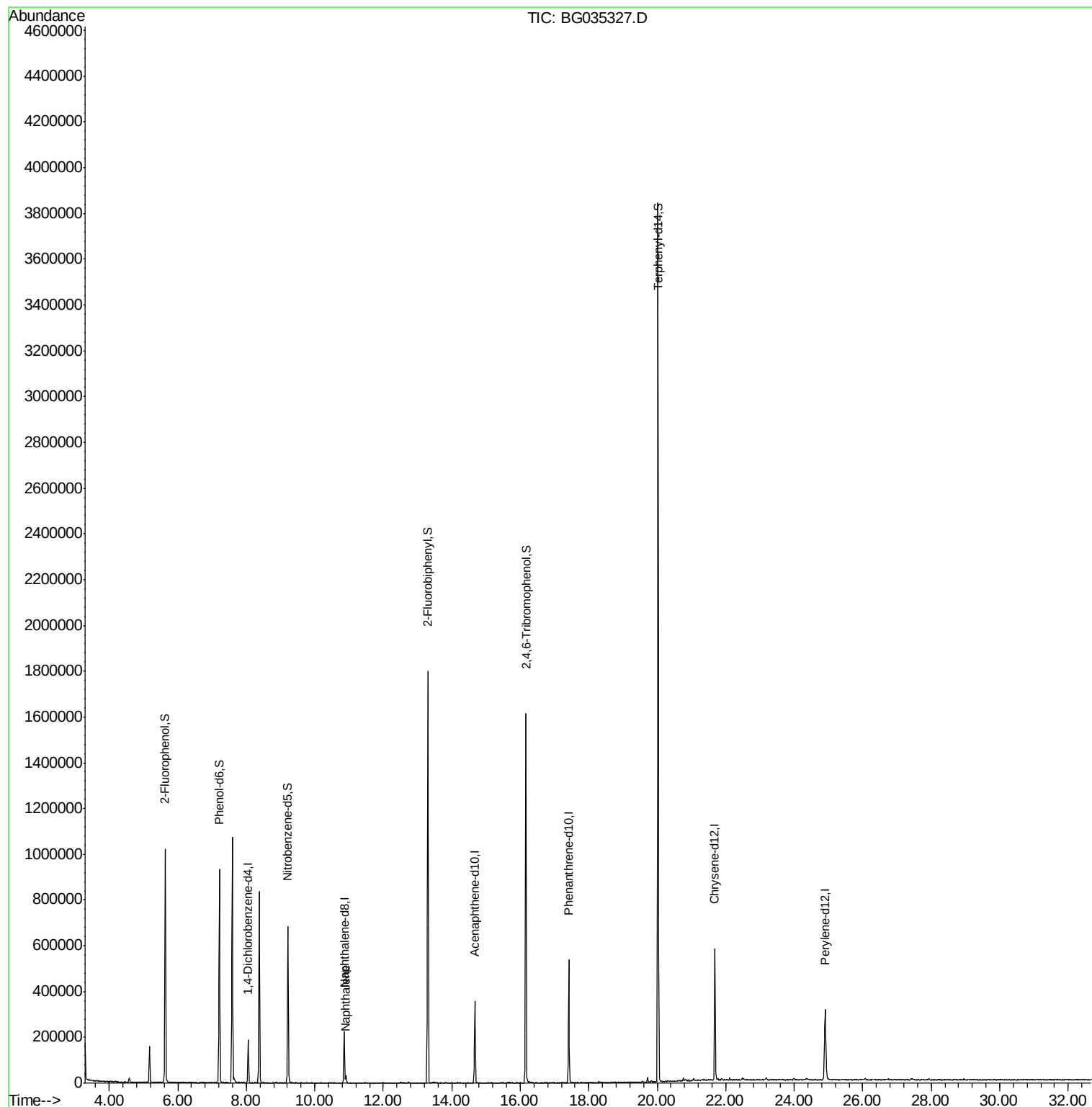
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53347	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	189934	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	127282	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	347663	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	382913	20.00	ng	-0.04
86) Perylene-d12	24.90	264	362751	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	446433	141.23	ng	-0.01
7) Phenol-d6	7.21	99	572429	122.69	ng	-0.01
23) Nitrobenzene-d5	9.22	82	447568	112.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	303606	186.33	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	982354	100.33	ng	-0.03
78) Terphenyl-d14	20.02	244	1866100	102.08	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	26766	2.713	ng	Qvalue 95

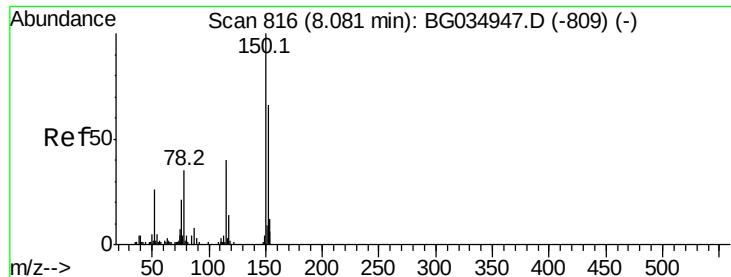
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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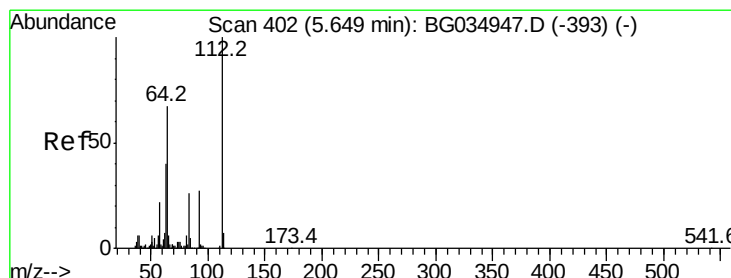
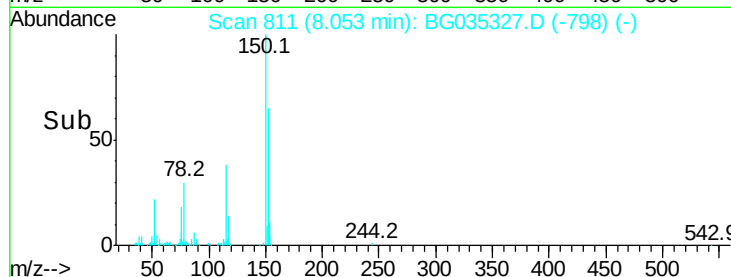
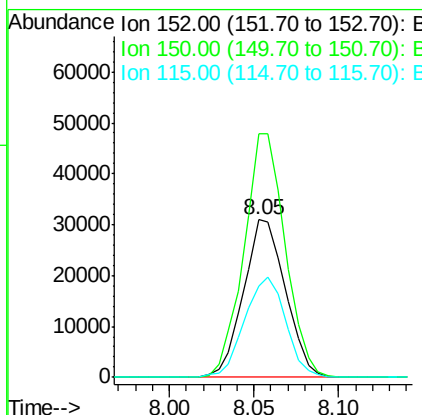
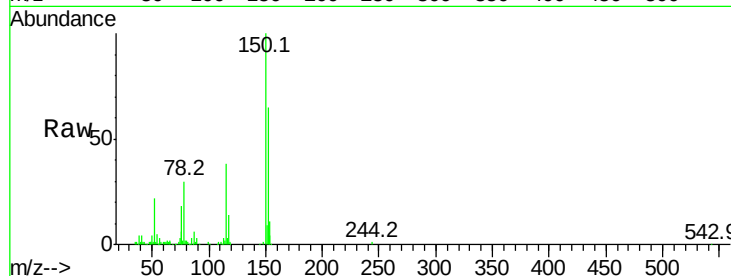


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035327.D
Acq: 22 Jun 2018 10:11

Instrument :
BNA_G
ClientSampleId :
275-137-282-284

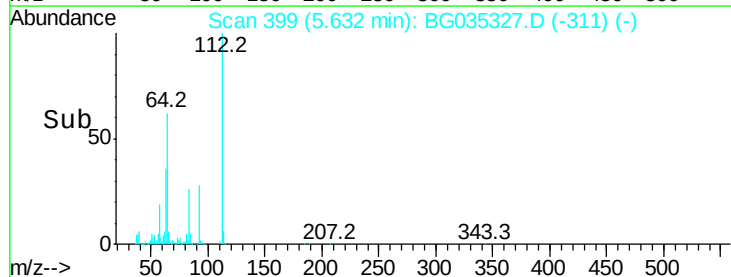
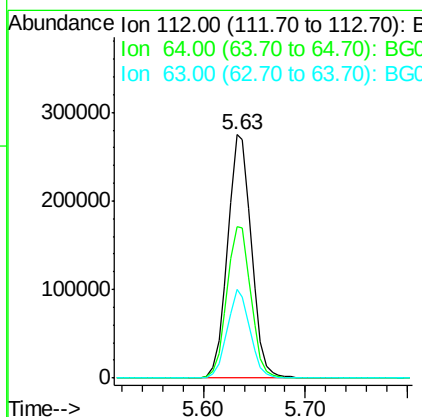
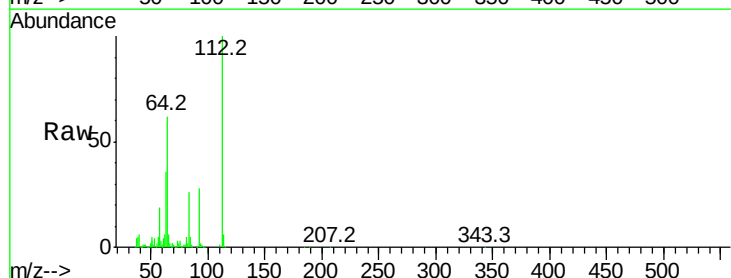
Tot Ion:152 Resp: 53347
Ion Ratio Lower Upper
152 100
150 154.3 126.6 189.8
115 58.1 53.0 79.4

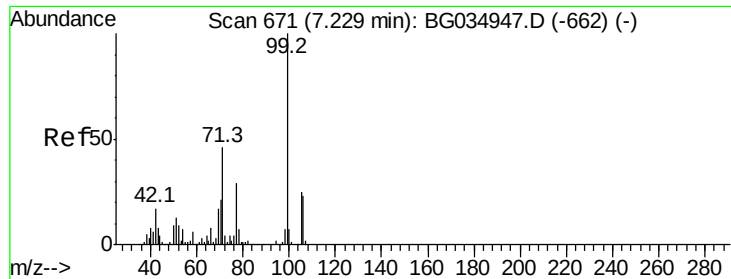


#5

2-Fluorophenol
Concen: 141.227 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035327.D
Acq: 22 Jun 2018 10:11

Tgt Ion:112 Resp: 446433
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 36.3 30.1 45.1





#7

Phenol-d6

Concen: 122.691 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035327.D

Acq: 22 Jun 2018 10:11

Instrument :

BNA_G

ClientSampleId :

275-137-282-284

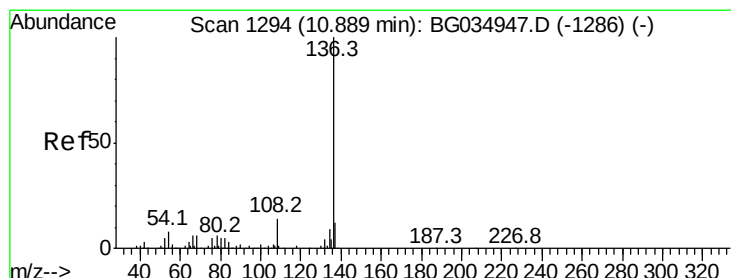
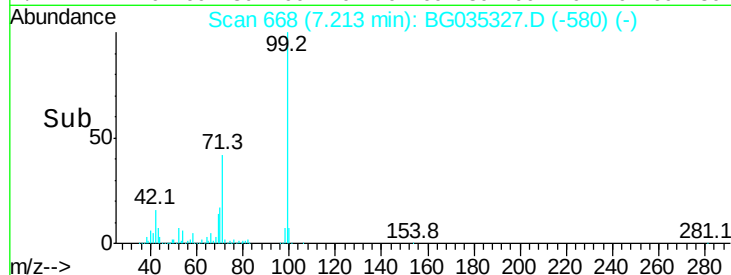
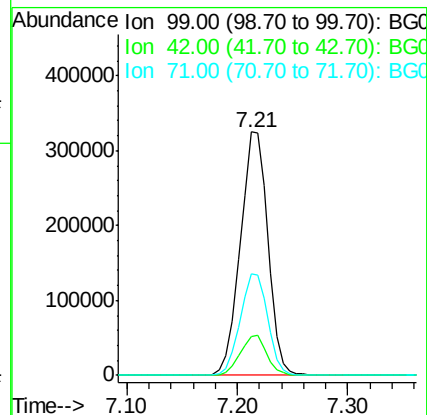
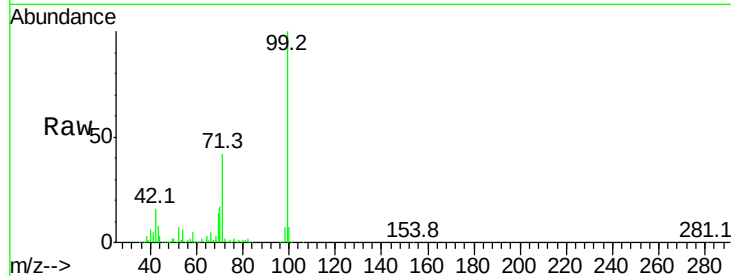
Tot Ion: 99 Resp: 572429

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 41.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035327.D

Acq: 22 Jun 2018 10:11

Tgt Ion: 136 Resp: 189934

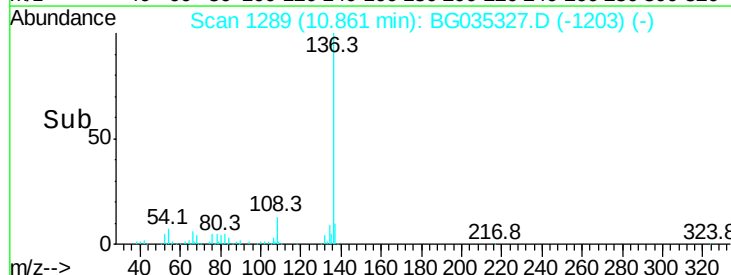
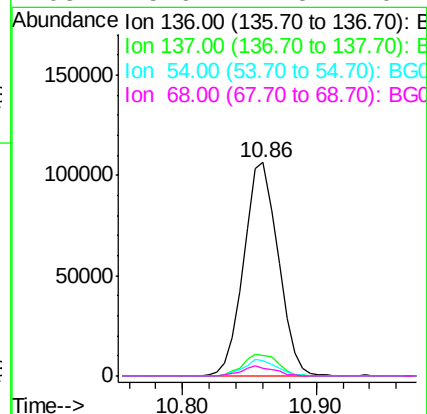
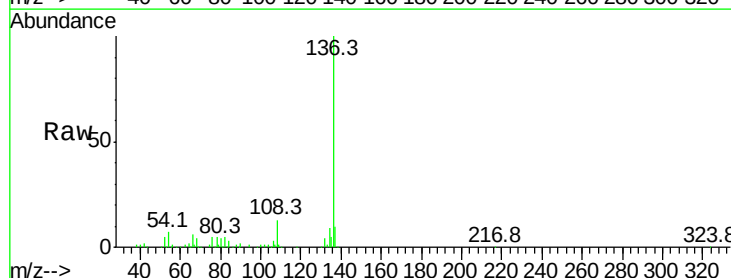
Ion Ratio Lower Upper

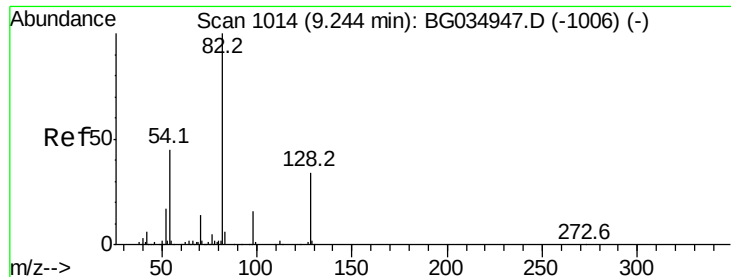
136 100

137 9.8 9.2 13.8

54 7.4 10.3 15.5#

68 3.9 4.5 6.7#

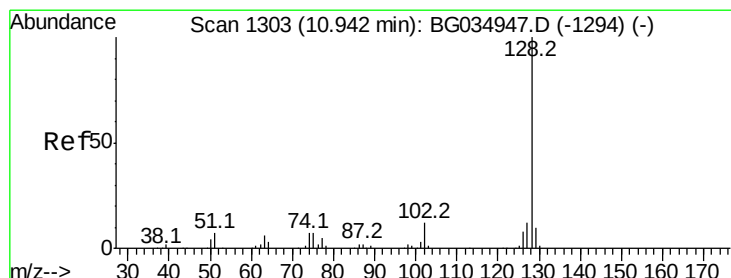
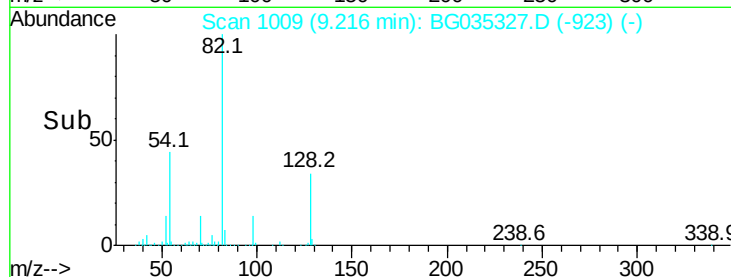
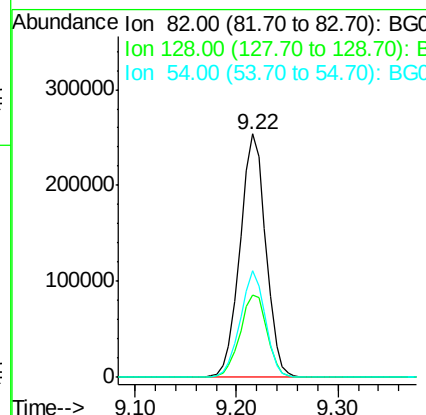
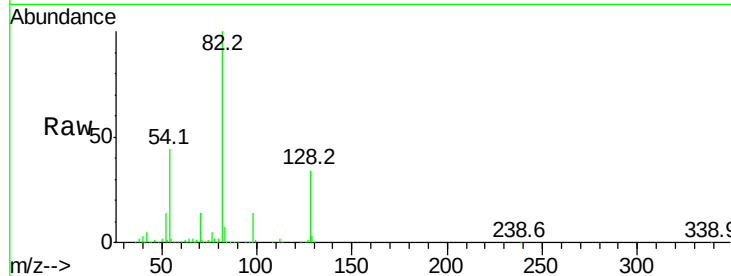




#23
Nitrobenzene-d5
Concen: 112.012 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035327.D
Acq: 22 Jun 2018 10:11

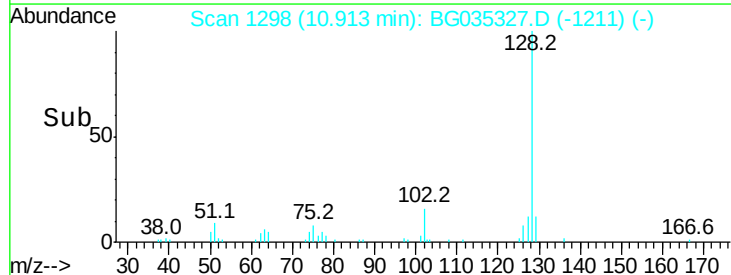
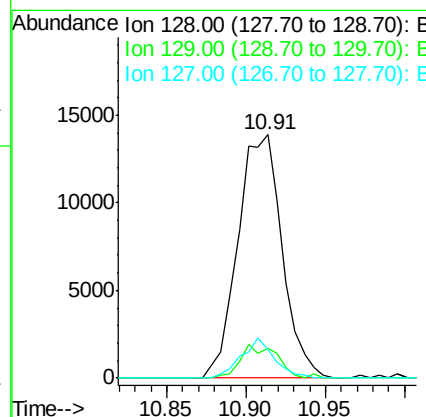
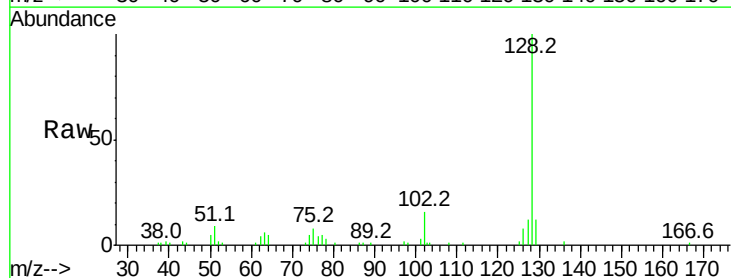
Instrument :
BNA_G
ClientSampleId :
275-137-282-284

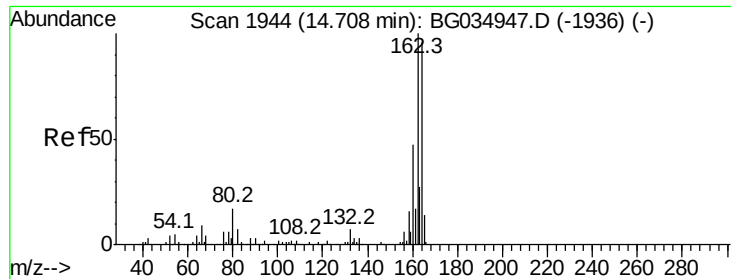
Tot Ion	82	Resp	447568
Ion Ratio	100	Lower	Upper
128	33.8	29.7	44.5
54	44.1	43.1	64.7



#31
Naphthalene
Concen: 2.713 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035327.D
Acq: 22 Jun 2018 10:11

Tgt Ion	128	Resp	26766
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	12.1	8.6	12.8
127	11.7	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: BG035327.D

Acq: 22 Jun 2018 10:11

Instrument :

BNA_G

ClientSampleId :

275-137-282-284

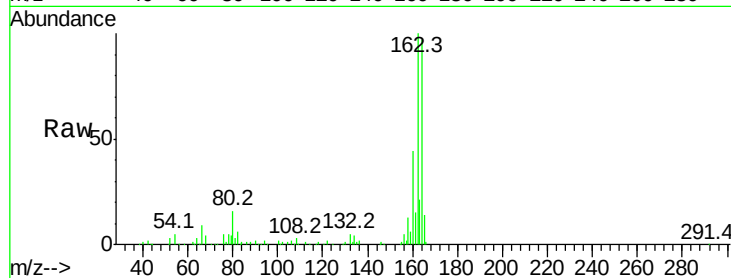
Tot Ion:164 Resp: 127282

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

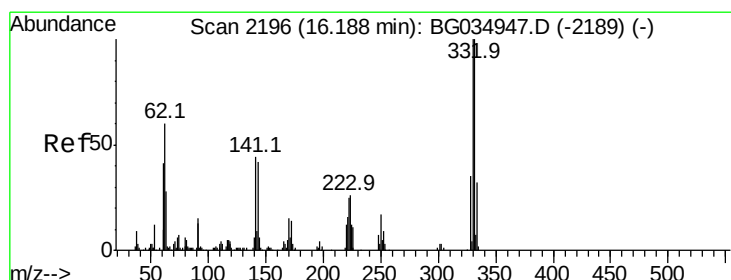
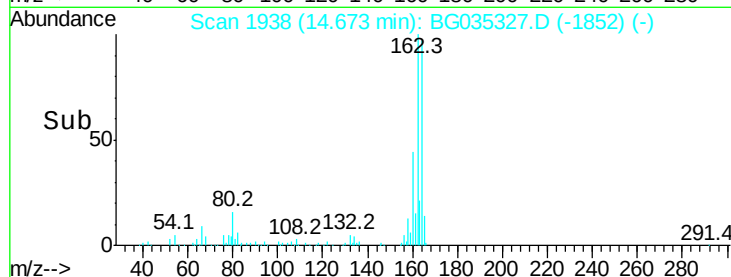
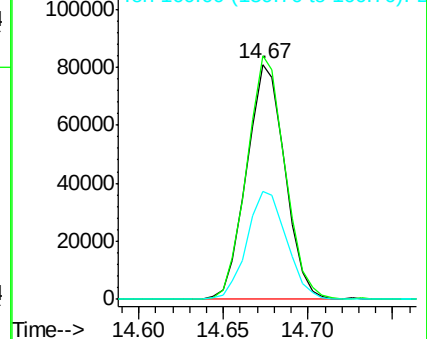
160 45.9 35.4 53.0



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: 186.333 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035327.D

Acq: 22 Jun 2018 10:11

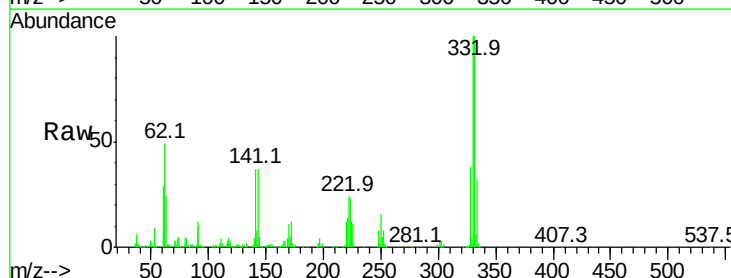
Tgt Ion:330 Resp: 303606

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

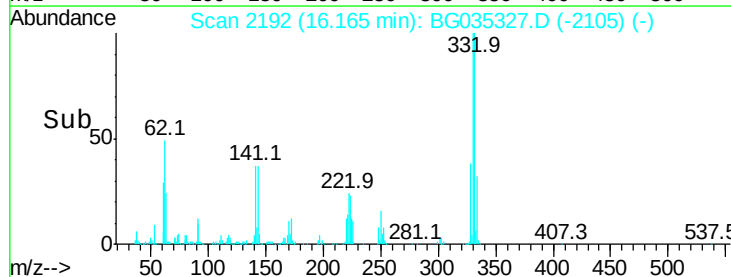
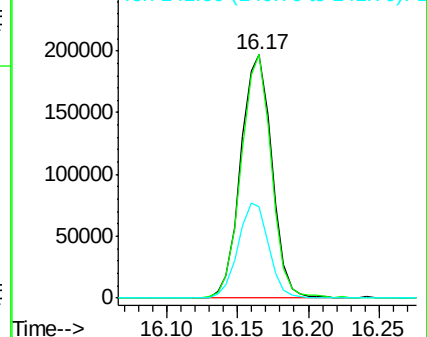
141 38.2 25.2 37.8#

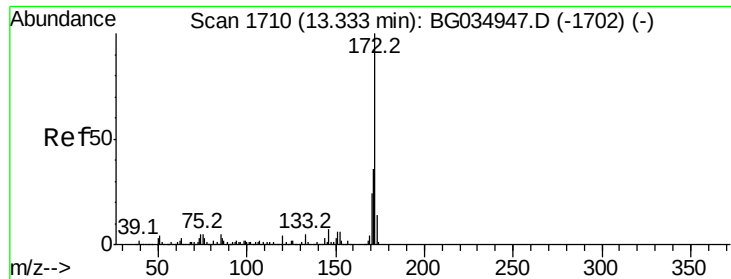


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

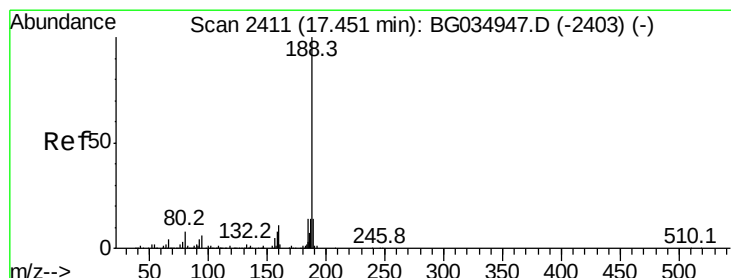
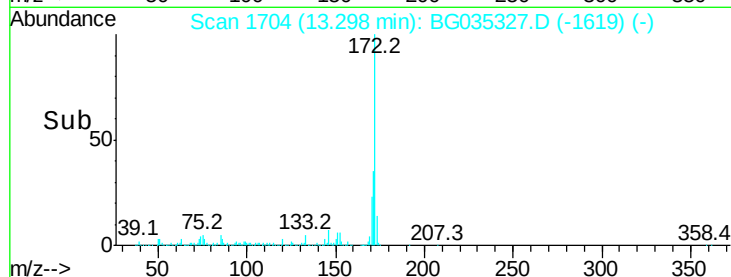
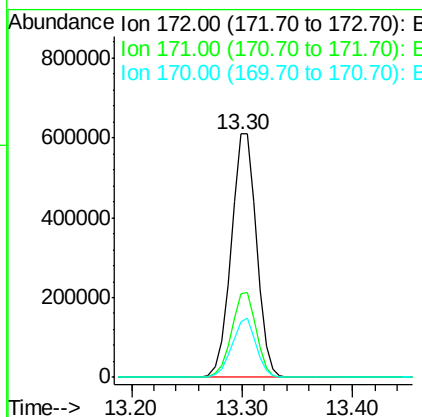
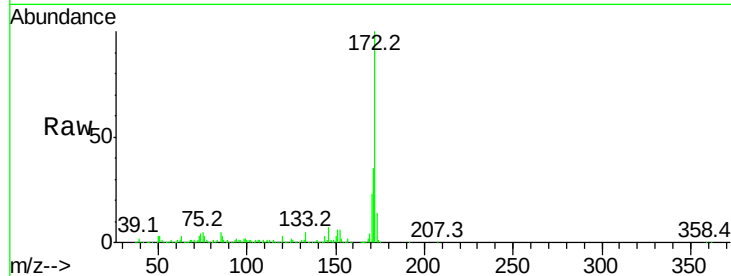




#44
 2-Fluorobiphenyl
 Concen: 100.333 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035327.D
 Acq: 22 Jun 2018 10:11

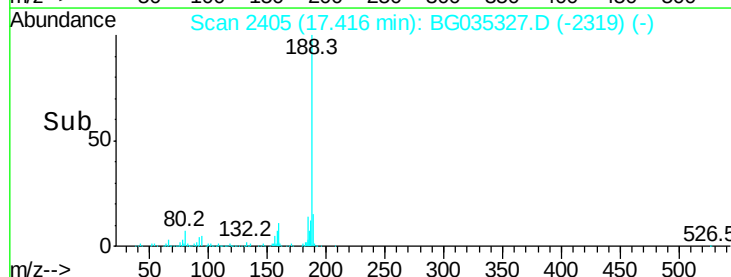
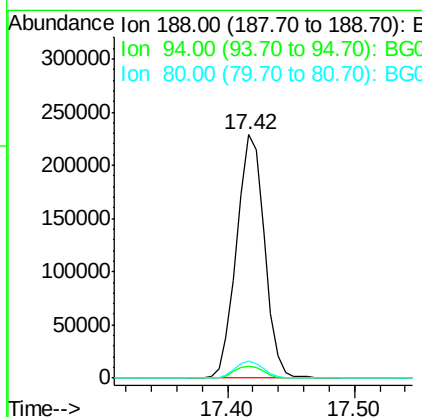
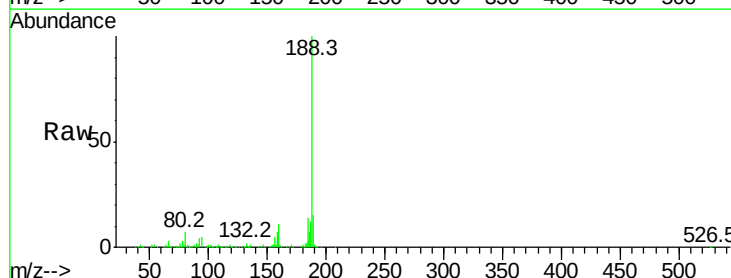
Instrument :
 BNA_G
 ClientSampleId :
 275-137-282-284

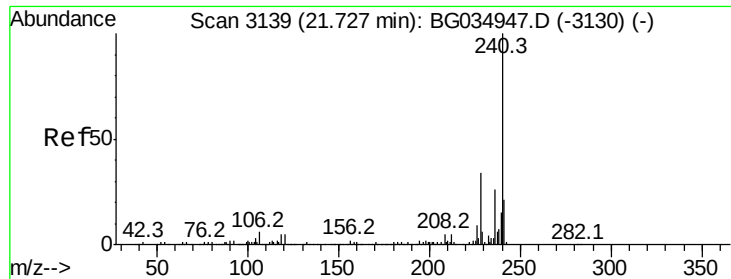
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	22.8	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035327.D
 Acq: 22 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	7.3	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: BG035327.D

Acq: 22 Jun 2018 10:11

Instrument :

BNA_G

ClientSampleId :

275-137-282-284

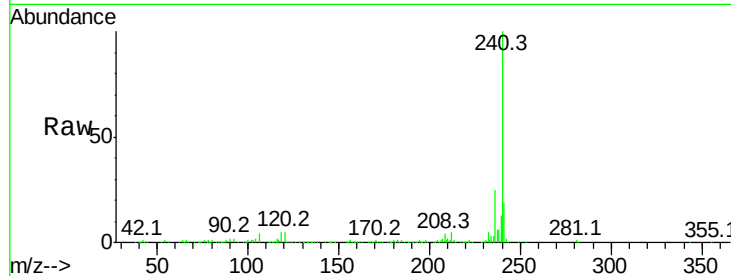
Tot Ion:240 Resp: 382913

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

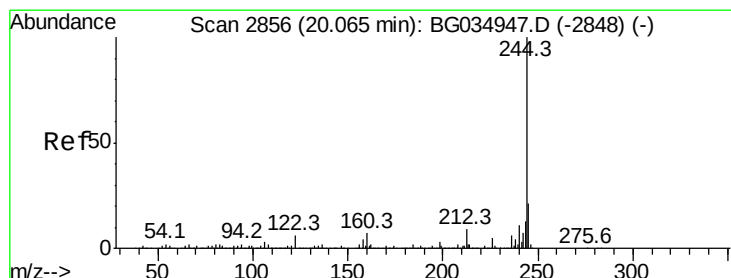
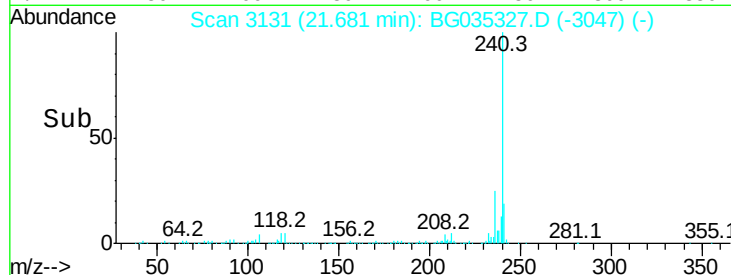
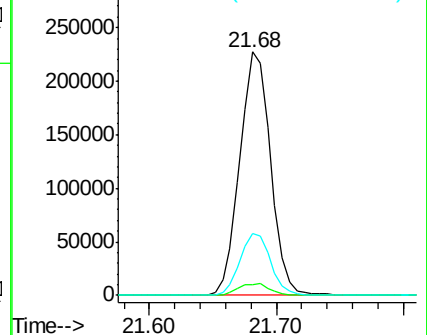
236 25.3 20.9 31.3



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: 102.082 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035327.D

Acq: 22 Jun 2018 10:11

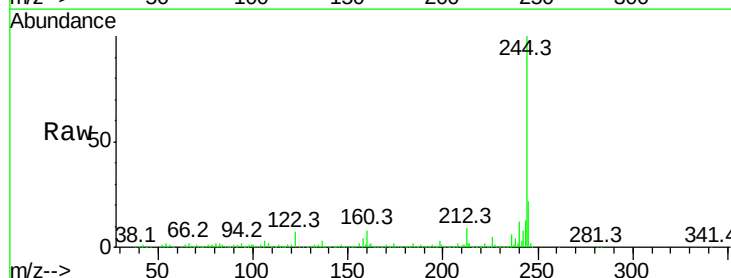
Tgt Ion:244 Resp: 1866100

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

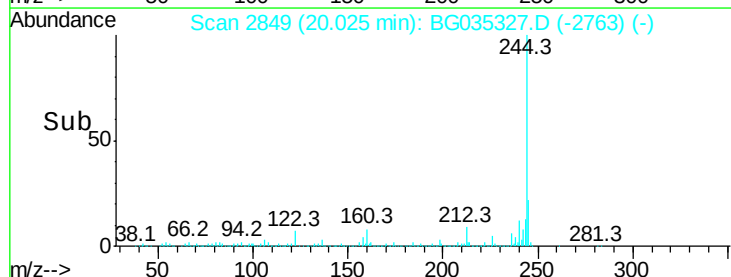
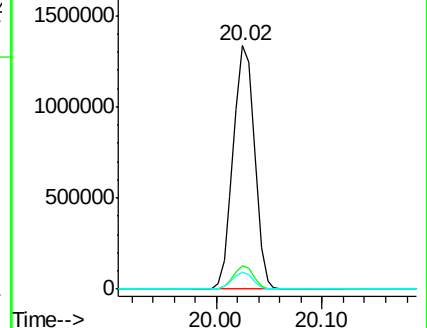
122 6.9 7.0 10.4#

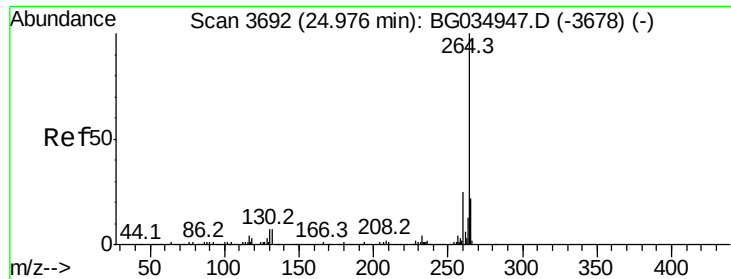


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

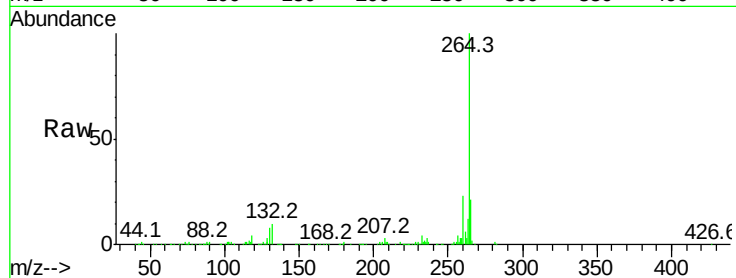




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035327.D
Acq: 22 Jun 2018 10:11

Instrument :
BNA_G
ClientSampleId :
275-137-282-284

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.3	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

