

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035455.D
 Acq On : 27 Jun 2018 21:29
 Operator : JU/SJ
 Sample : J3706-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-5

Quant Time: Jun 28 01:54:37 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

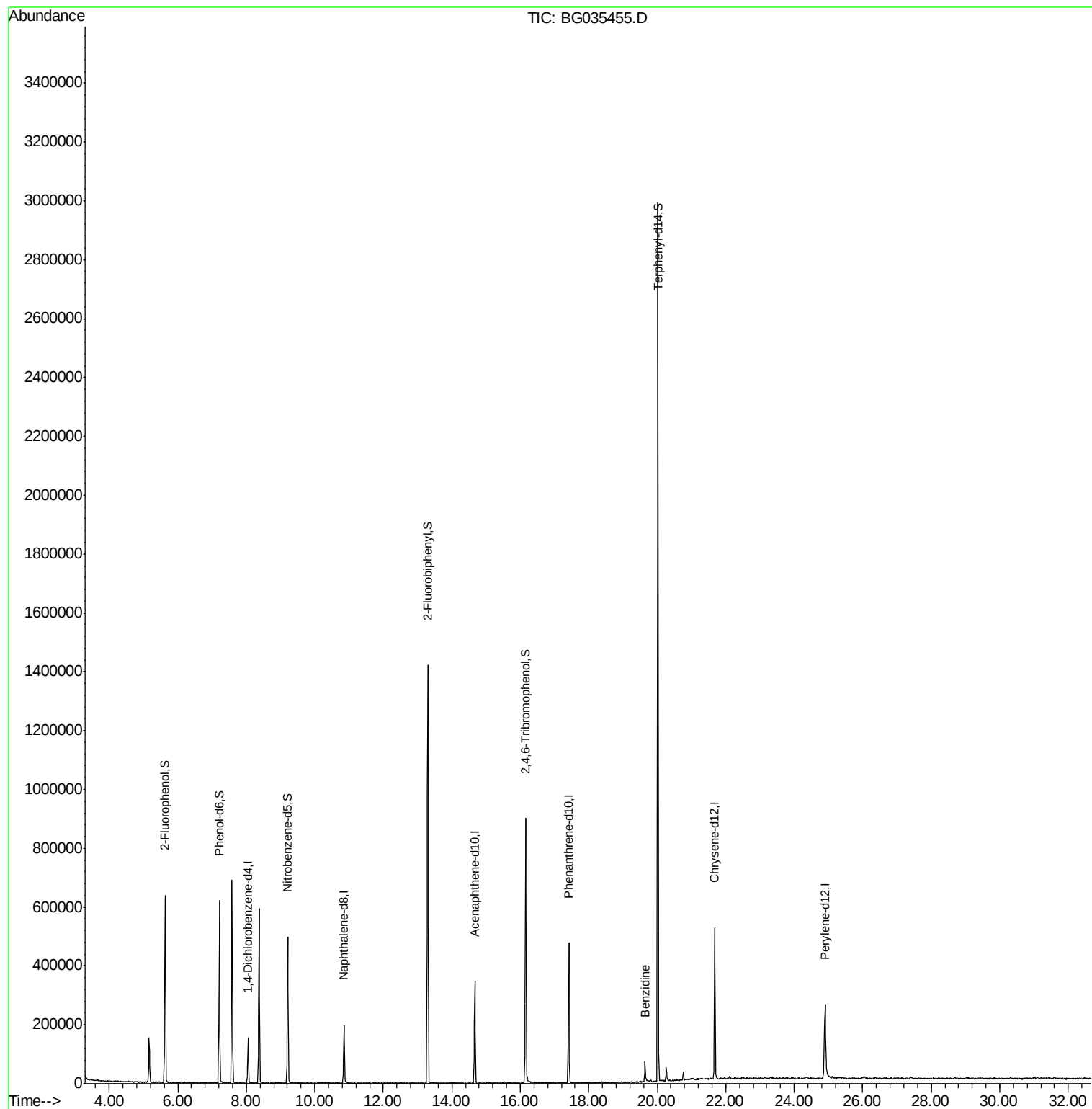
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44430	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	162488	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	116261	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	313320	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	342193	20.00	ng	-0.03
86) Perylene-d12	24.90	264	312551	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	280633	106.59	ng	-0.02
7) Phenol-d6	7.21	99	375259	96.57	ng	-0.01
23) Nitrobenzene-d5	9.21	82	331425	96.96	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	184842	124.20	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	789107	88.24	ng	-0.03
78) Terphenyl-d14	20.02	244	1451906	88.88	ng	-0.03
Target Compounds						
76) Benzidine	19.64	184	54575	4.287	ng	Qvalue 97

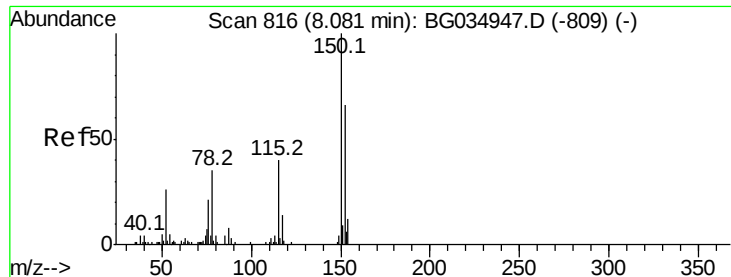
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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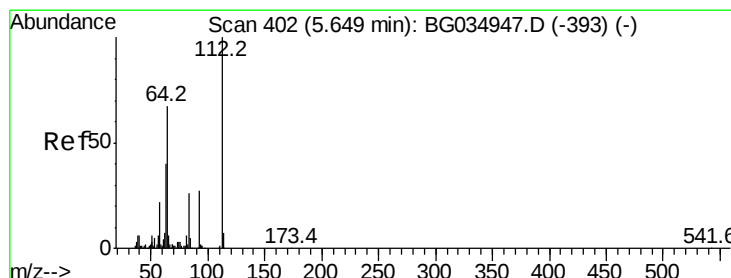
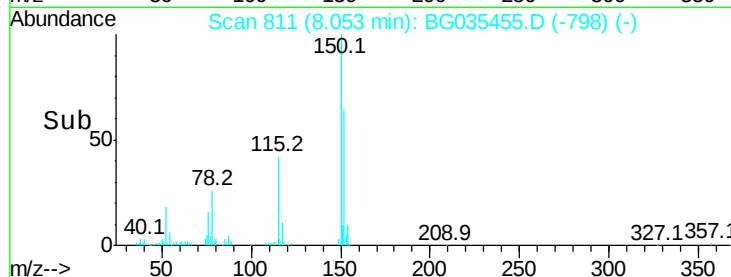
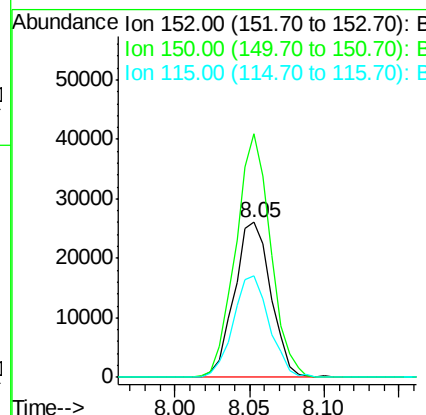
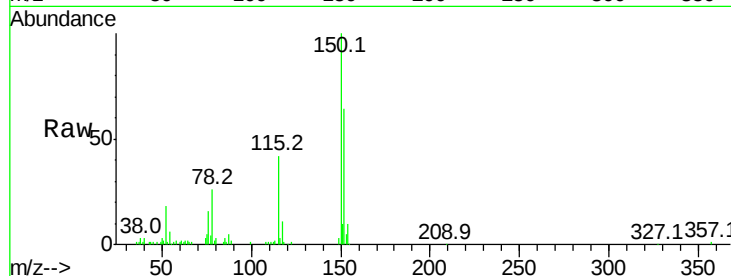


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Instrument :
BNA_G
ClientSampleId :
RO-1-5

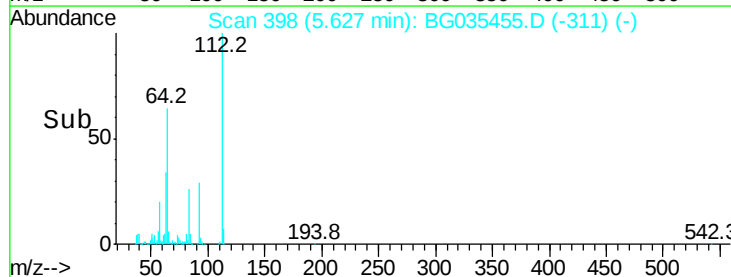
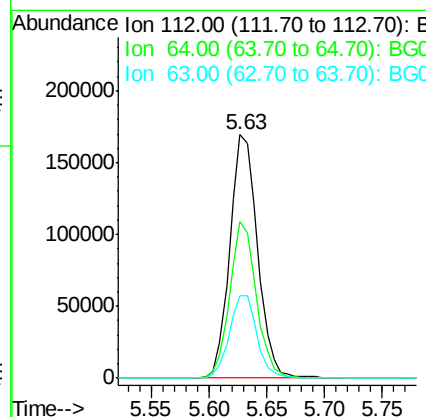
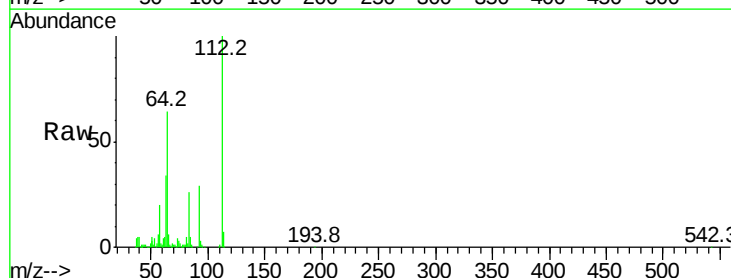
Tot Ion:152 Resp: 44430
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 65.3 53.0 79.4

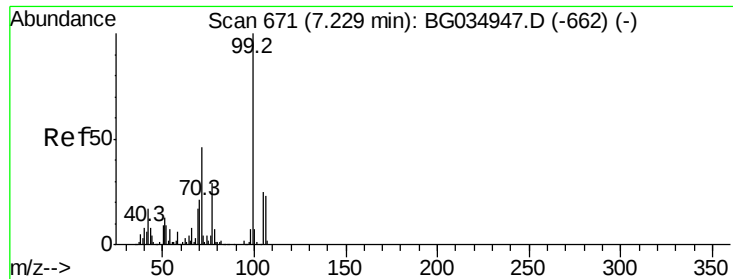


#5

2-Fluorophenol
Concen: 106.594 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Tgt Ion:112 Resp: 280633
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 33.7 30.1 45.1





#7

Phenol-d6

Concen: 96.573 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

Instrument :

BNA_G

ClientSampleId :

RO-1-5

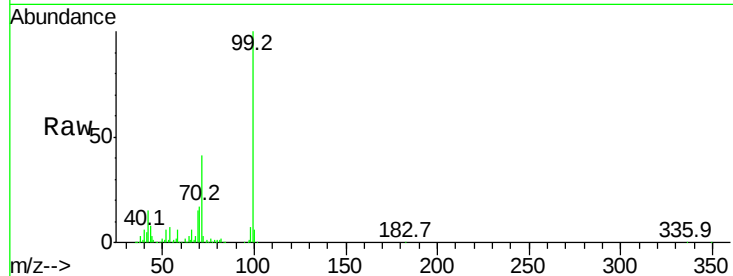
Tot Ion: 99 Resp: 375259

Ion Ratio Lower Upper

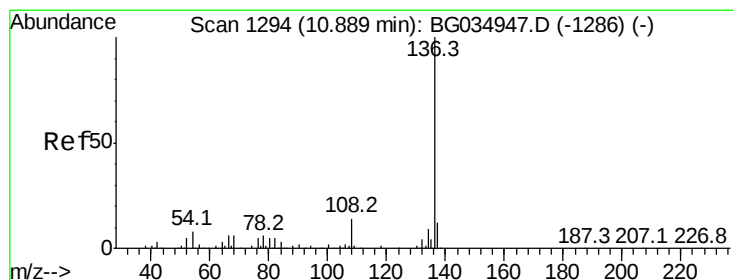
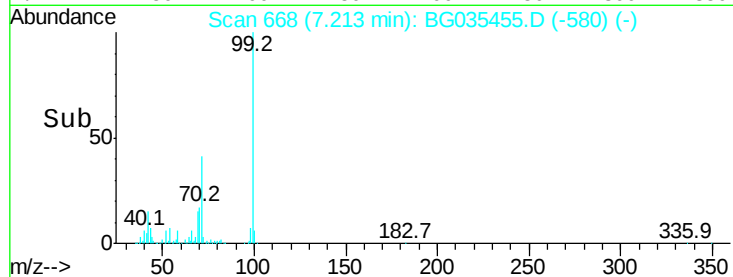
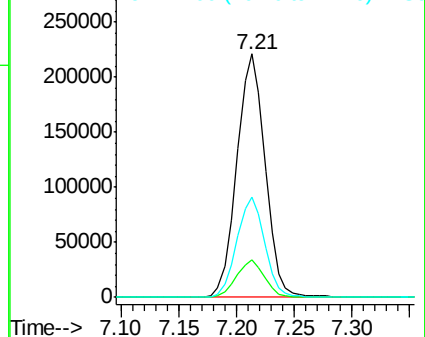
99 100

42 15.2 14.1 21.1

71 41.1 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: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

Tgt Ion: 136 Resp: 162488

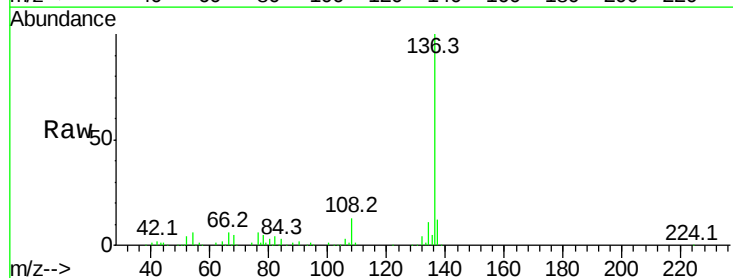
Ion Ratio Lower Upper

136 100

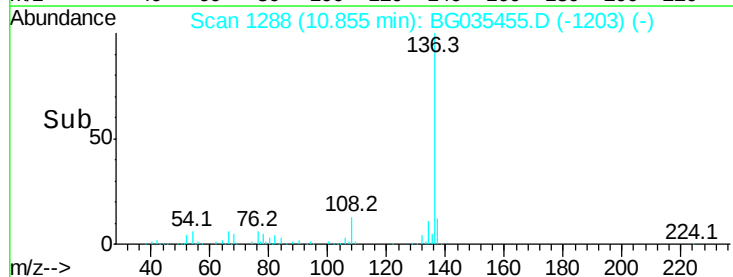
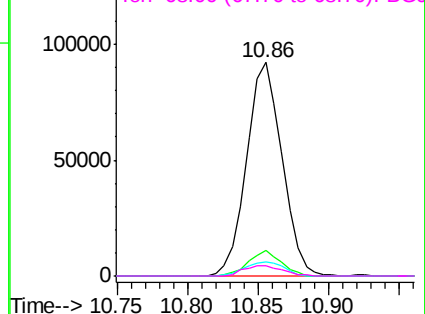
137 12.1 9.2 13.8

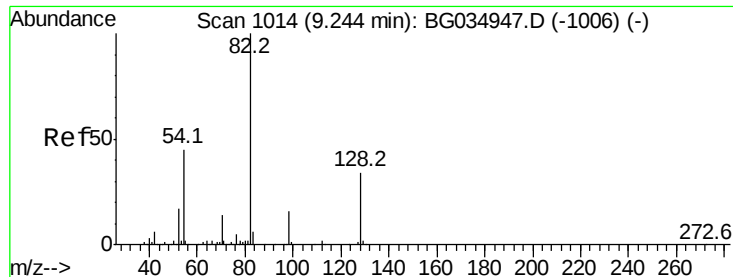
54 6.3 10.3 15.5#

68 4.8 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

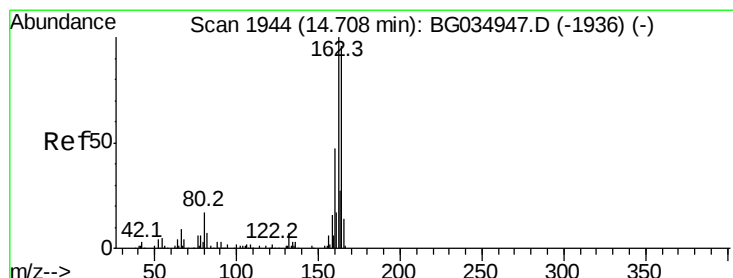
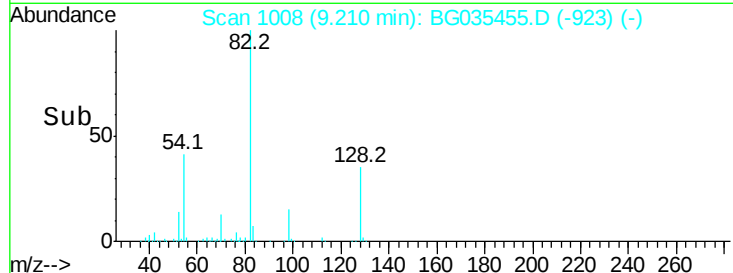
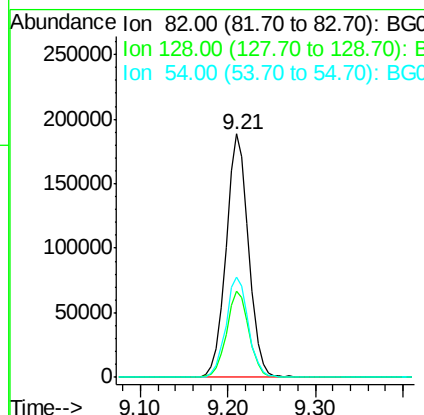
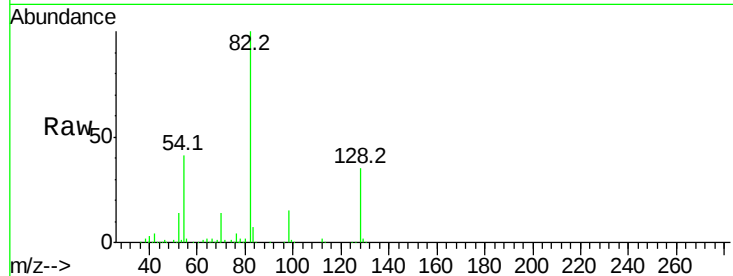




#23
Nitrobenzene-d5
Concen: 96.955 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

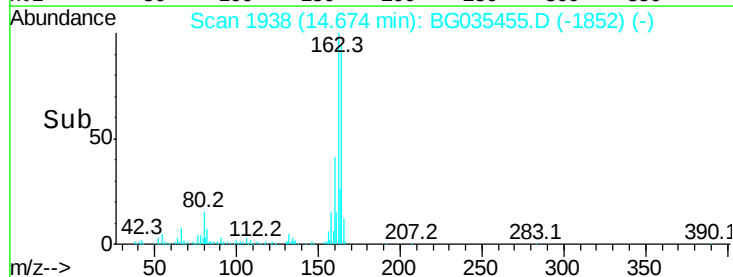
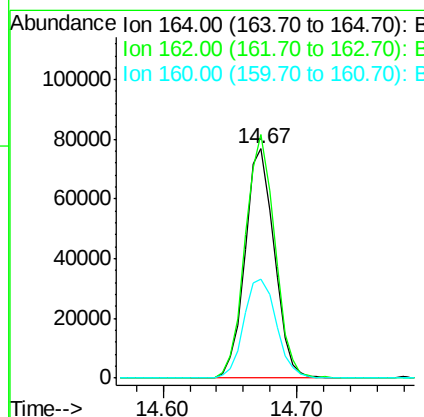
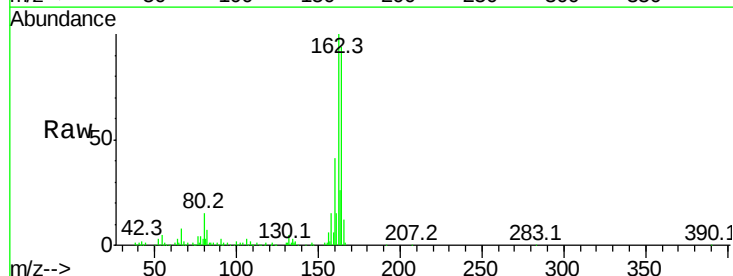
Instrument :
BNA_G
ClientSampleId :
RO-1-5

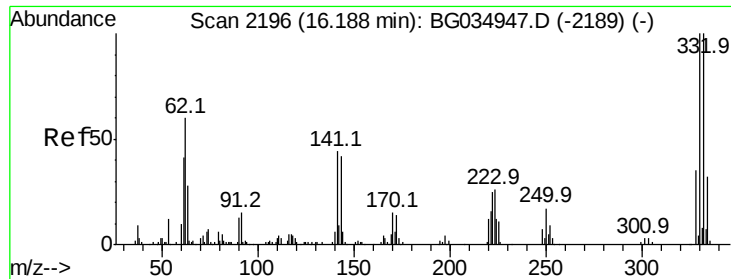
Tot Ion	82	Resp	331425
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	41.3	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Tgt Ion	164	Resp	116261
Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	43.0	35.4	53.0

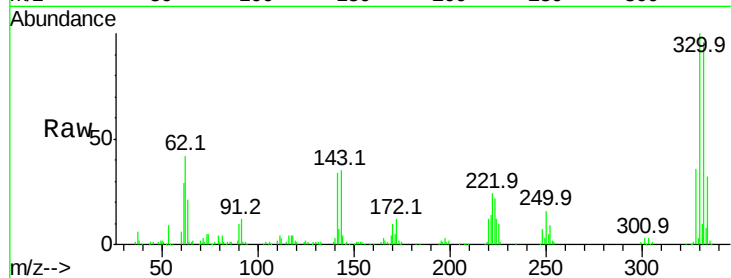




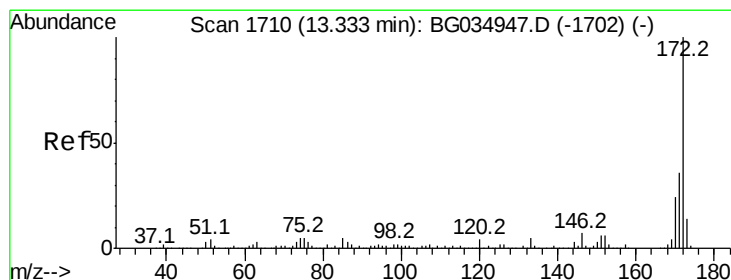
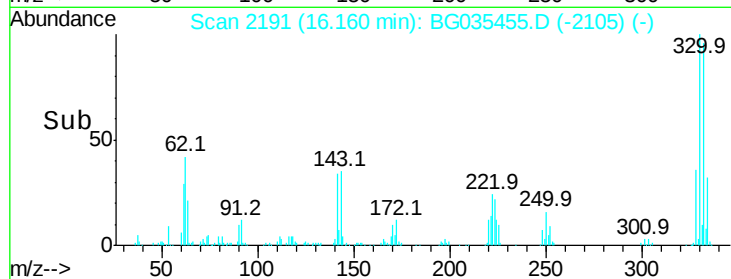
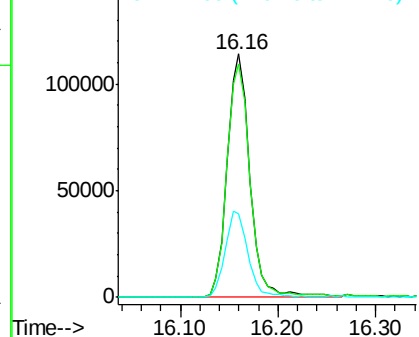
#41
 2,4,6-Tribromophenol
 Concen: 124.198 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035455.D
 Acq: 27 Jun 2018 21:29

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	35.8	25.2	37.8

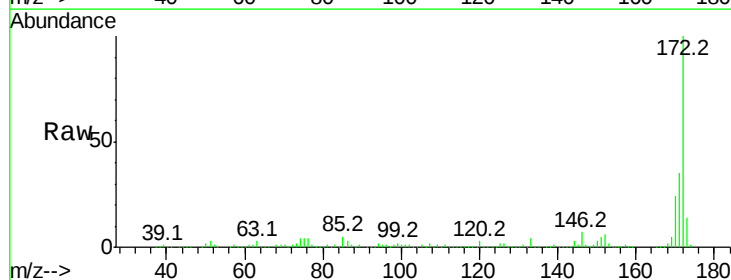


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

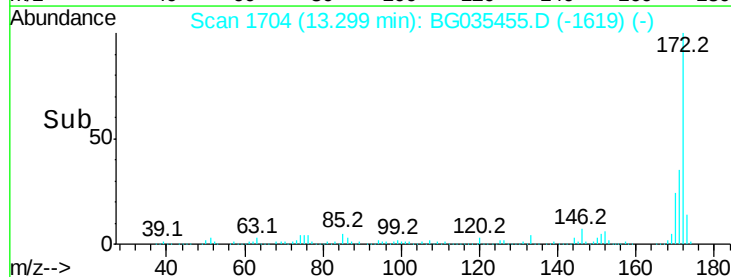
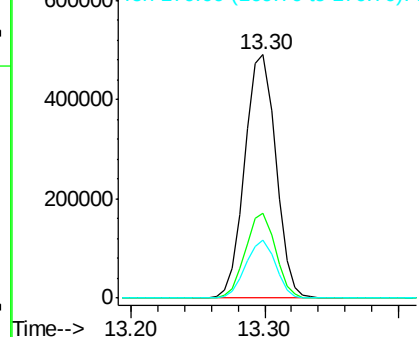


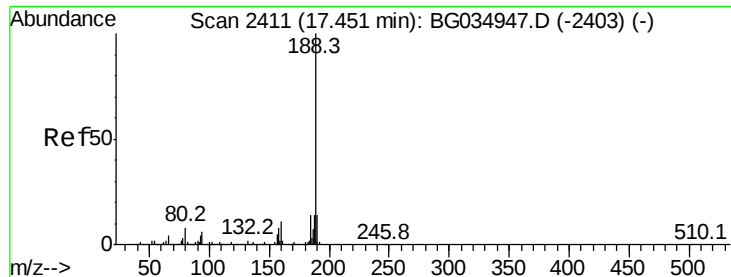
#44
 2-Fluorobiphenyl
 Concen: 88.236 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035455.D
 Acq: 27 Jun 2018 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.6	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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

Instrument :

BNA_G

ClientSampleId :

RO-1-5

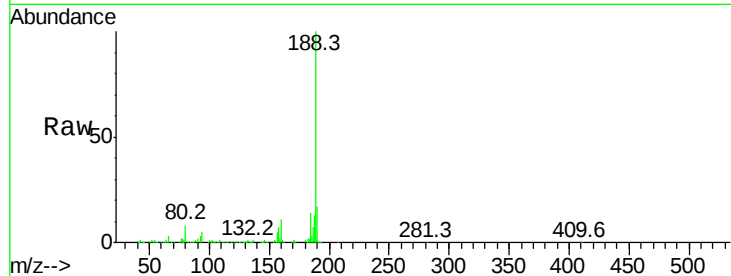
Tot Ion:188 Resp: 313320

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

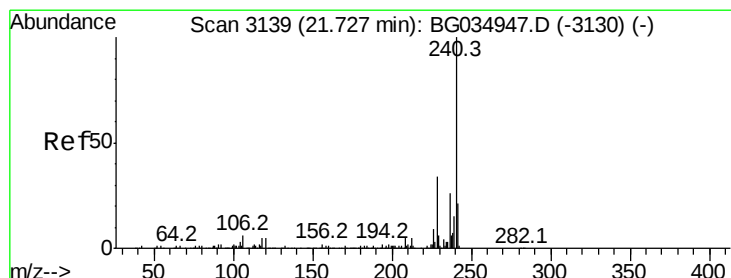
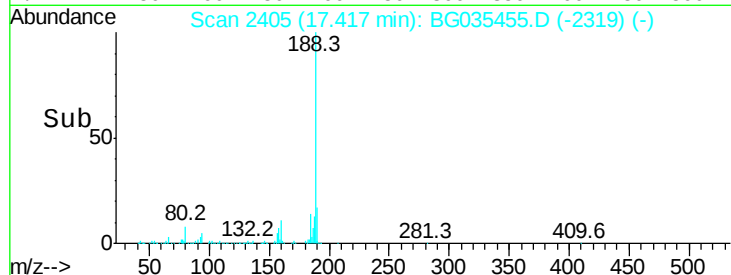
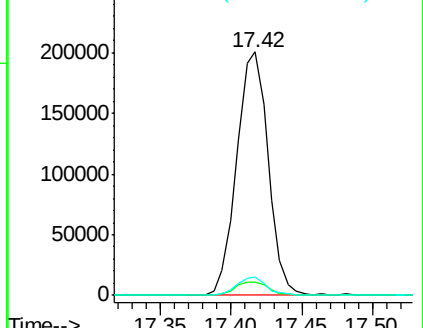
80 7.5 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

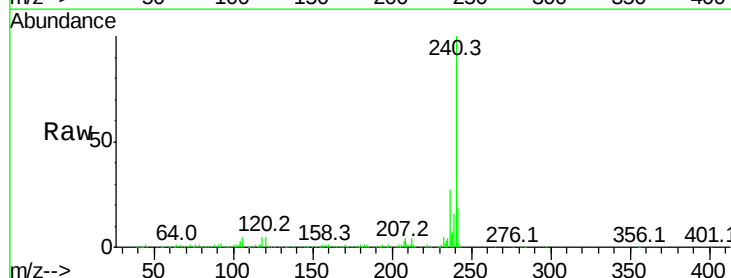
Tgt Ion:240 Resp: 342193

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

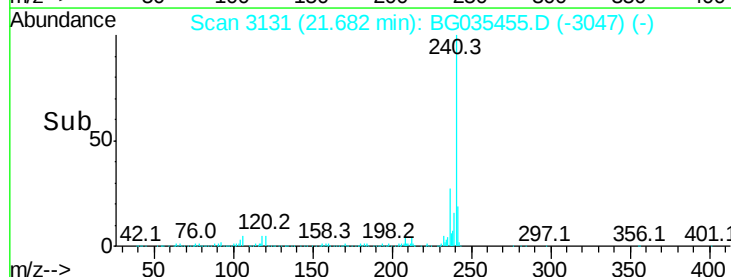
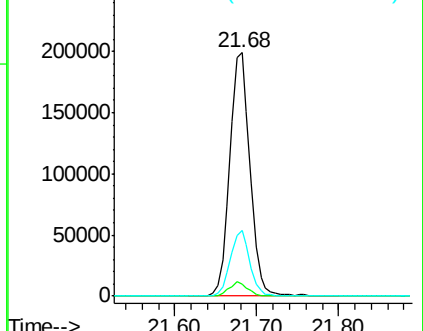
236 26.9 20.9 31.3

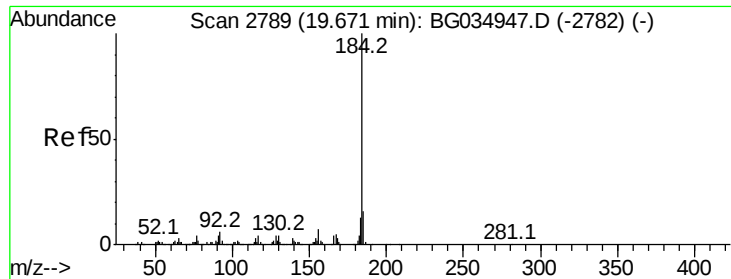


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.287 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

Instrument :

BNA_G

ClientSampleId :

RO-1-5

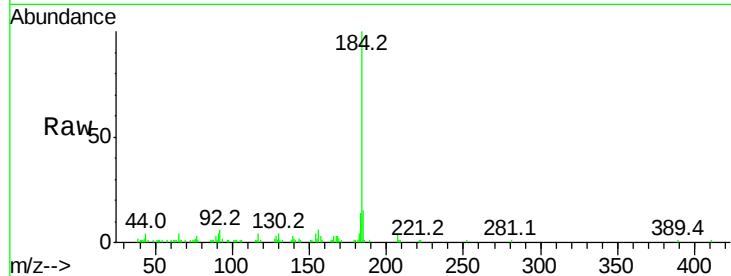
Tot Ion:184 Resp: 54575

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

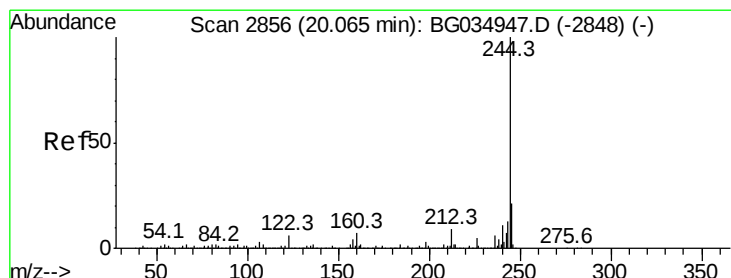
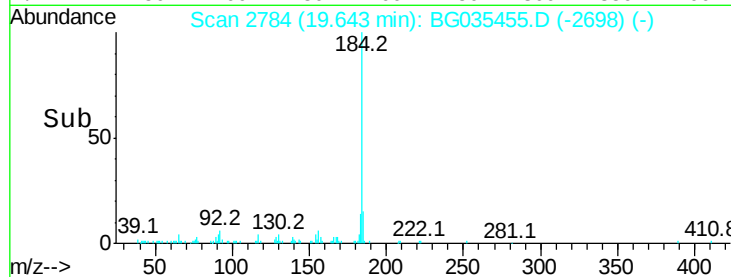
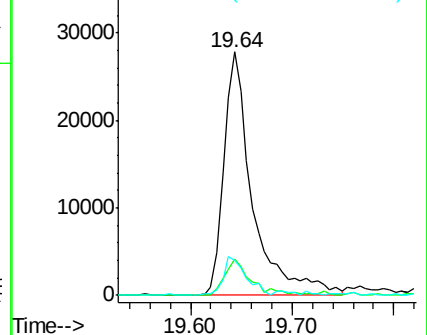
183 14.2 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 88.876 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

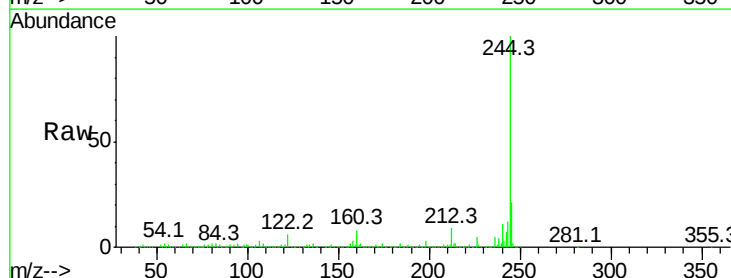
Tgt Ion:244 Resp: 1451906

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

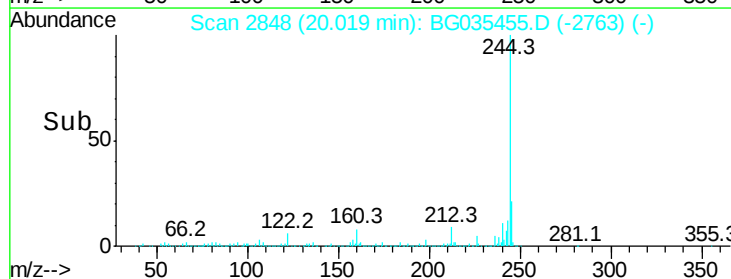
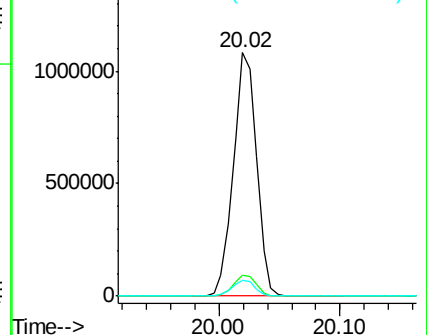
122 6.4 7.0 10.4#

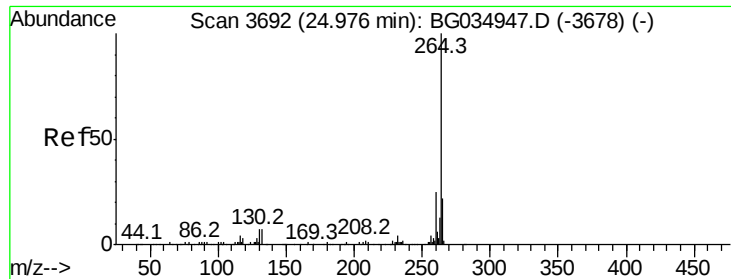


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

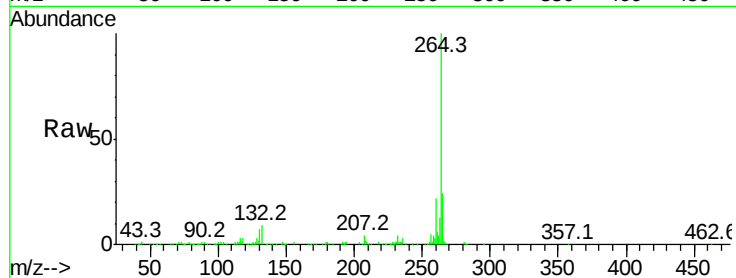




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035455.D
 Acq: 27 Jun 2018 21:29

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-5

Tot Ion:	264	Resp:	312551
Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	23.6	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

