

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035431.D
 Acq On : 27 Jun 2018 5:19
 Operator : JU/SJ
 Sample : J3647-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(3-67)-COMP

Quant Time: Jun 27 08:01:24 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

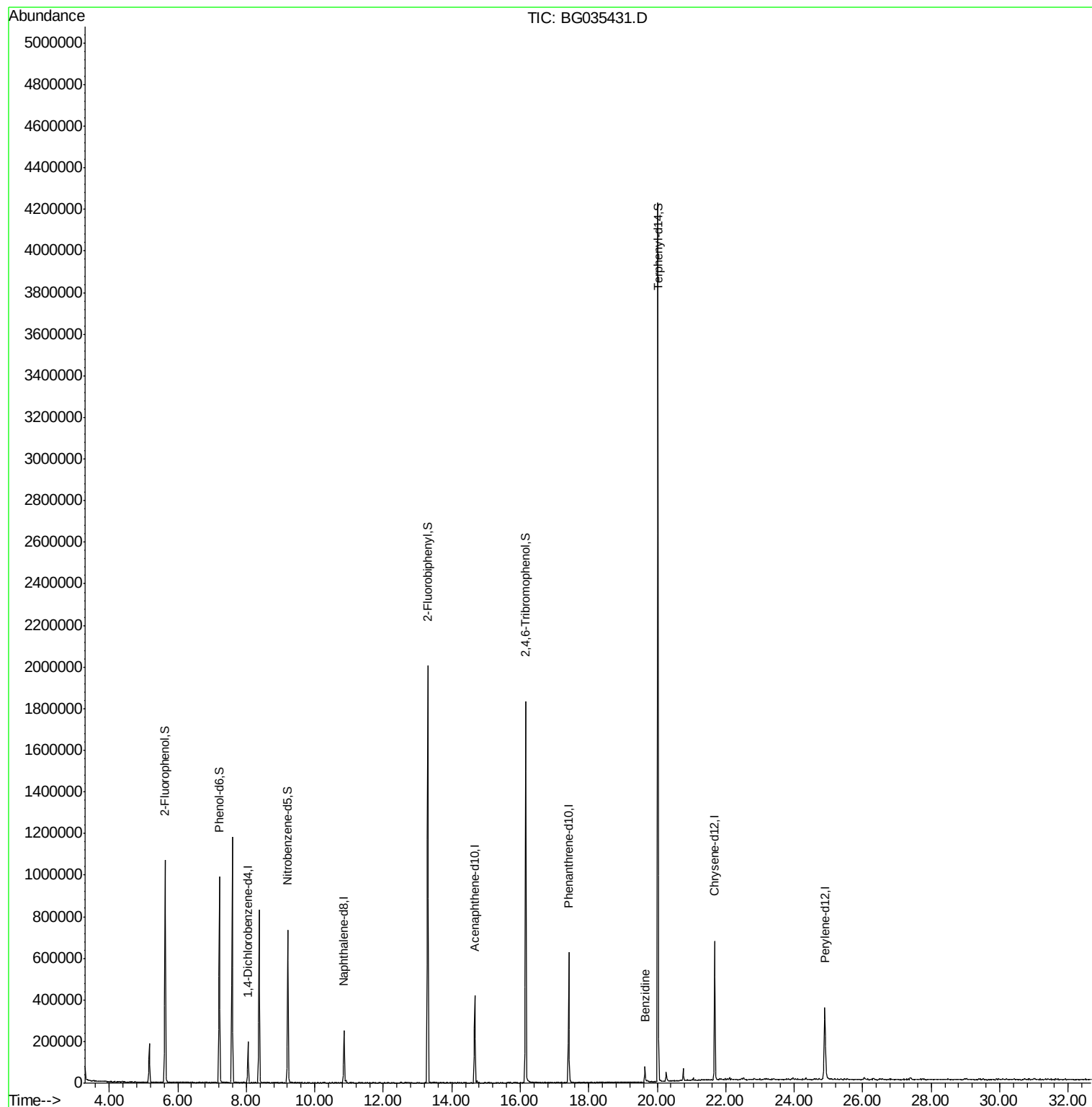
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53376	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	207666	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	148117	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	405557	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	437700	20.00	ng	-0.04
86) Perylene-d12	24.89	264	402261	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	463952	146.69	ng	-0.01
7) Phenol-d6	7.21	99	607326	130.10	ng	-0.01
23) Nitrobenzene-d5	9.22	82	493937	113.06	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	341695	180.21	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1070538	93.96	ng	-0.03
78) Terphenyl-d14	20.02	244	2063870	98.77	ng	-0.02
Target Compounds						
76) Benzidine	19.64	184	50765	3.117	ng	Qvalue 96

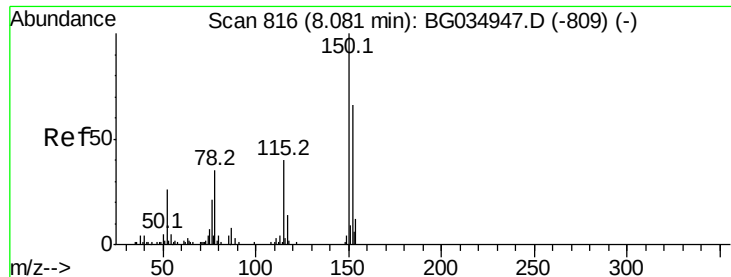
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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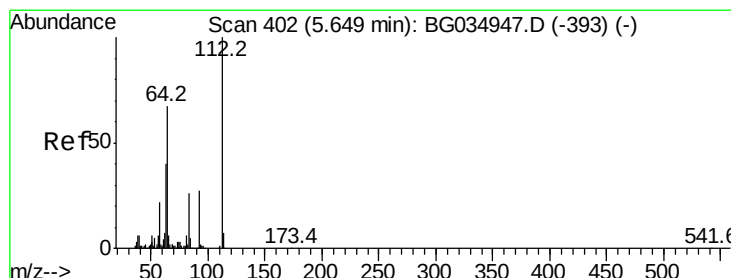
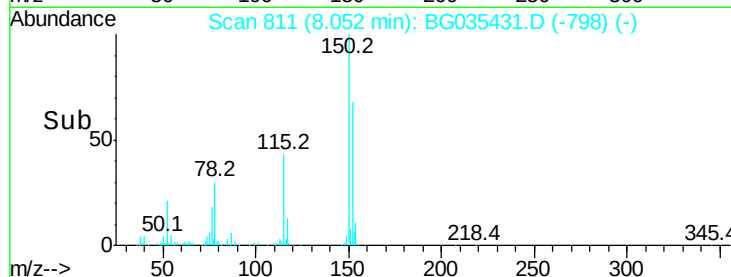
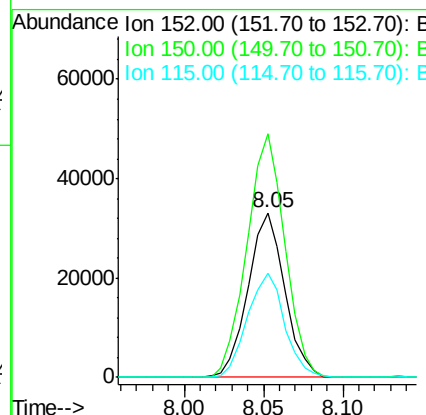
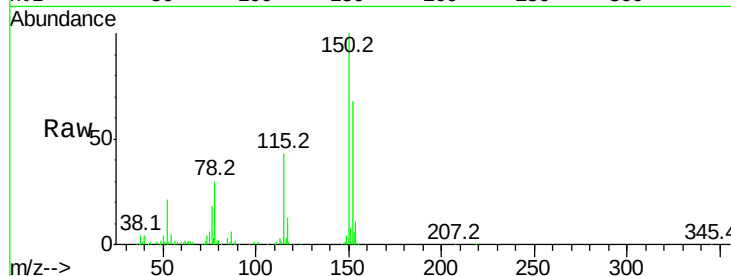


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035431.D
Acq: 27 Jun 2018 5:19

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(3-67)-COMP

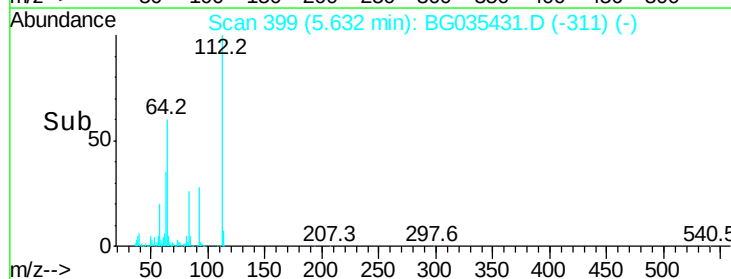
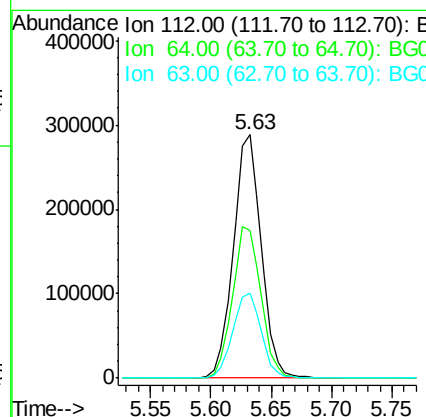
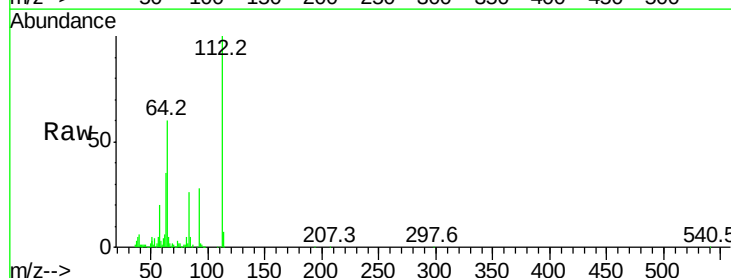
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	126.6	189.8
115	63.1	53.0	79.4

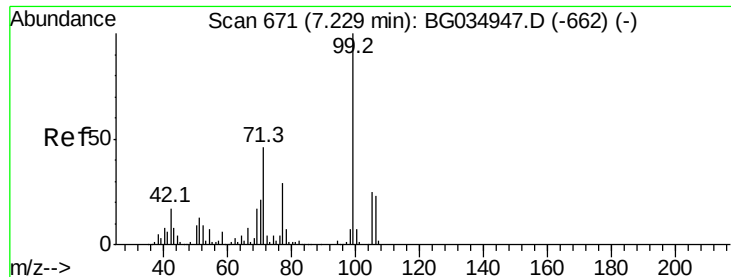


#5

2-Fluorophenol
Concen: 146.689 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035431.D
Acq: 27 Jun 2018 5:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	56.3	84.5
63	34.8	30.1	45.1





#7

Phenol-d6

Concen: 130.100 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035431.D

Acq: 27 Jun 2018 5:19

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(3-67)-COMP

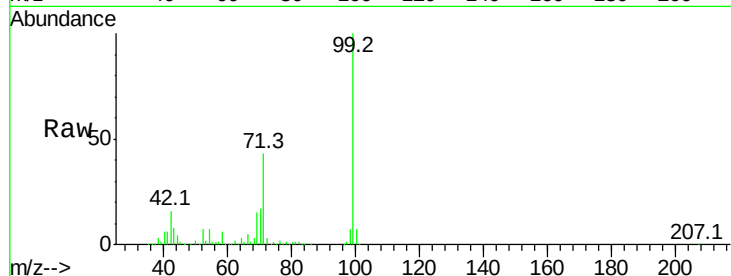
Tot Ion: 99 Resp: 607326

Ion Ratio Lower Upper

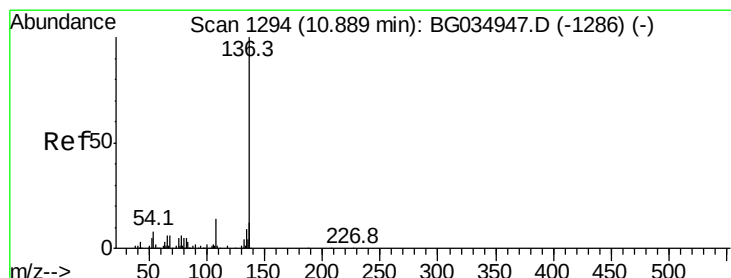
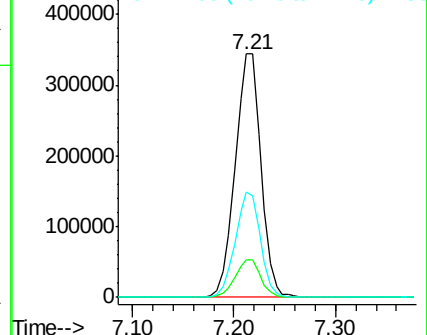
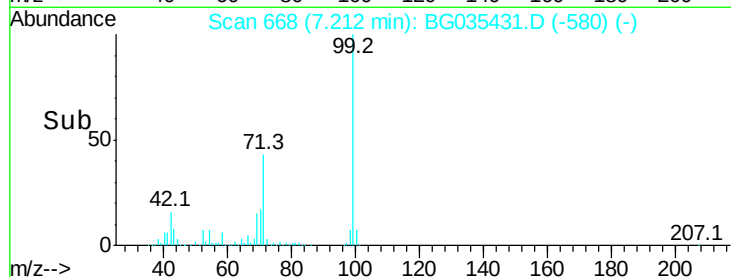
99 100

42 15.7 14.1 21.1

71 43.4 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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035431.D

Acq: 27 Jun 2018 5:19

Tgt Ion:136 Resp: 207666

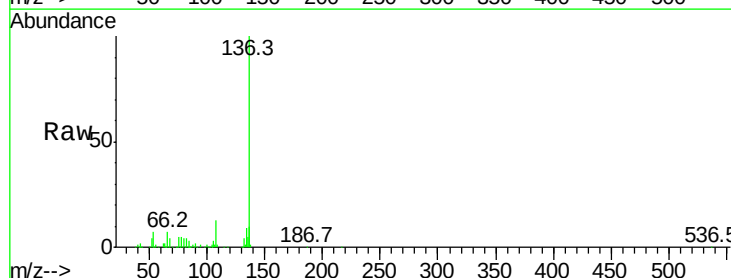
Ion Ratio Lower Upper

136 100

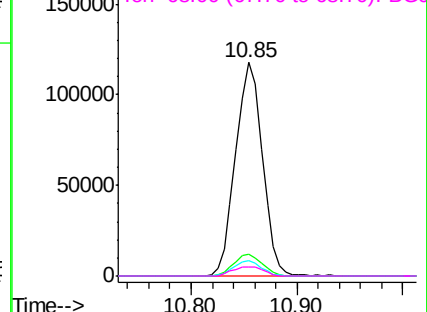
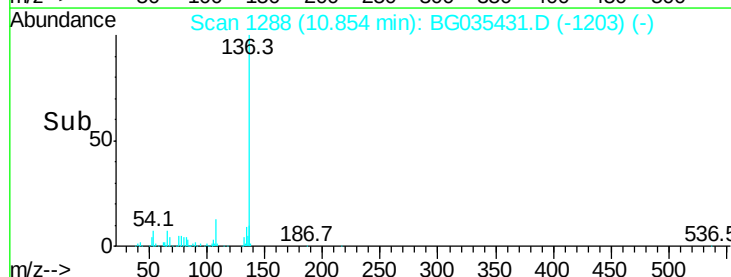
137 10.0 9.2 13.8

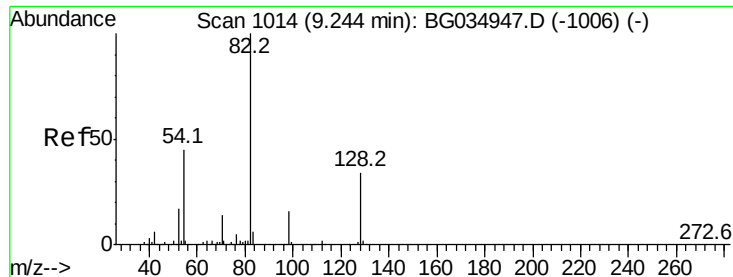
54 7.4 10.3 15.5#

68 4.5 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

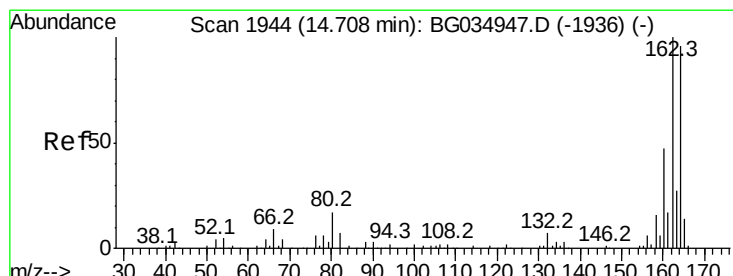
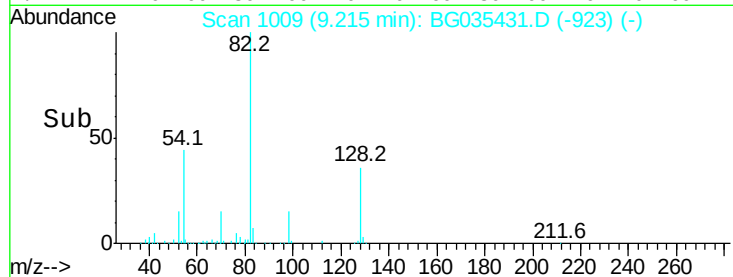
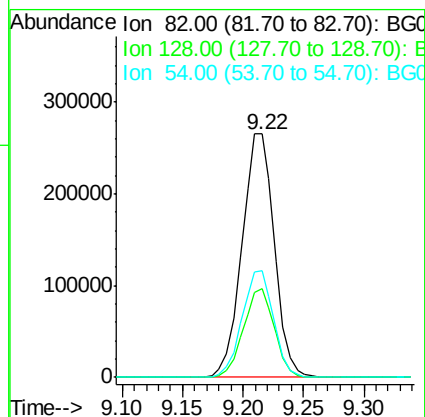
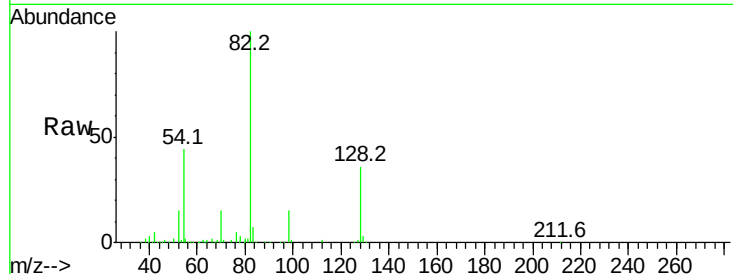




#23
 Nitrobenzene-d5
 Concen: 113.061 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035431.D
 Acq: 27 Jun 2018 5:19

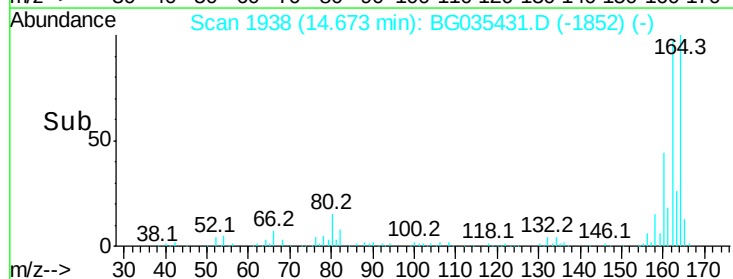
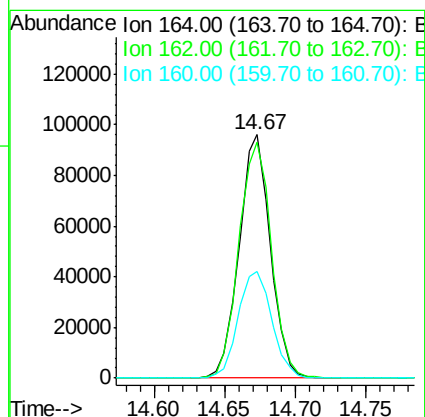
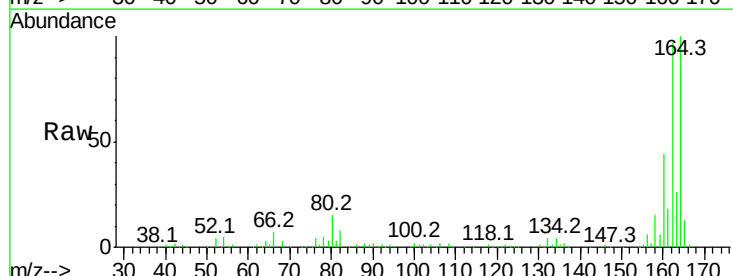
Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(3-67)-COMP

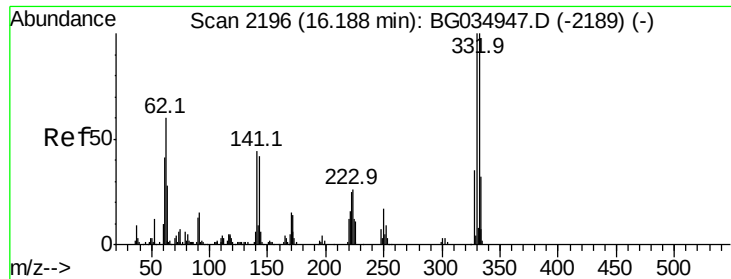
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	43.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035431.D
 Acq: 27 Jun 2018 5:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	78.8	118.2
160	43.9	35.4	53.0

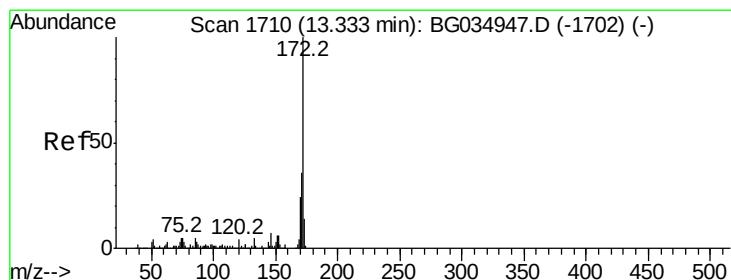
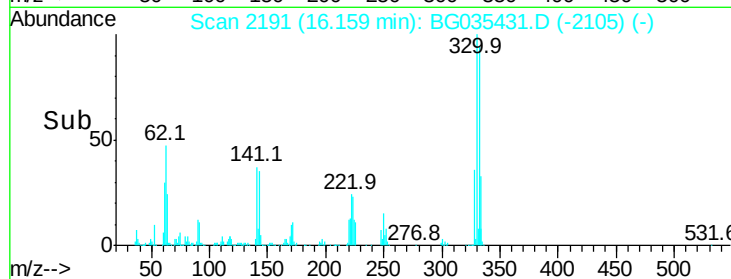
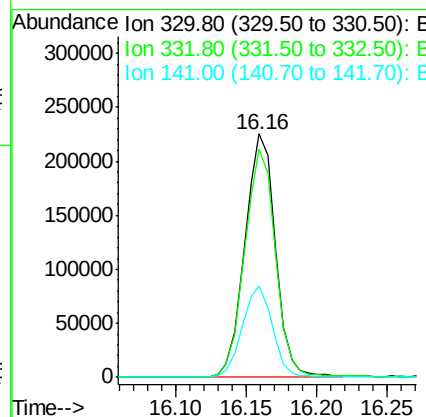
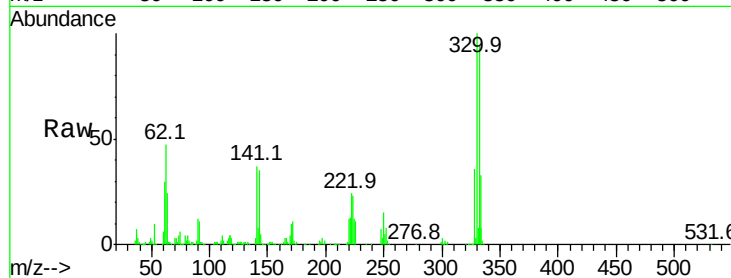




#41
 2,4,6-Tribromophenol
 Concen: 180.211 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035431.D
 Acq: 27 Jun 2018 5:19

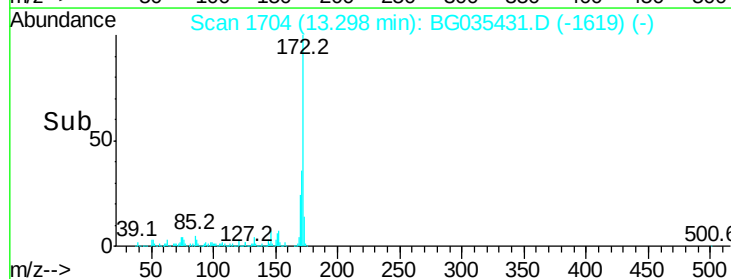
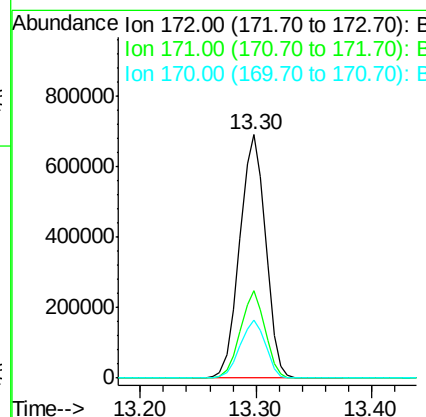
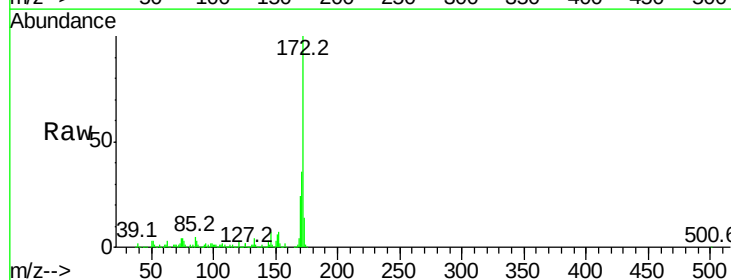
Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(3-67)-COMP

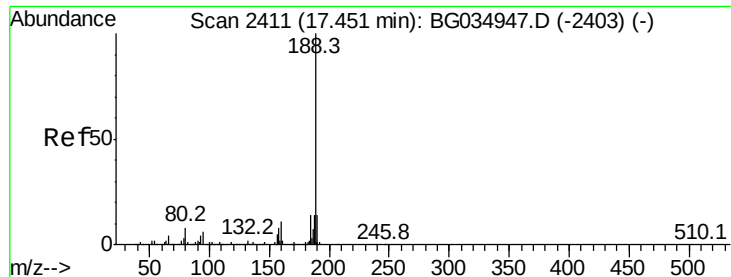
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 93.959 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035431.D
 Acq: 27 Jun 2018 5:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	23.6	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: BG035431.D

Acq: 27 Jun 2018 5:19

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(3-67)-COMP

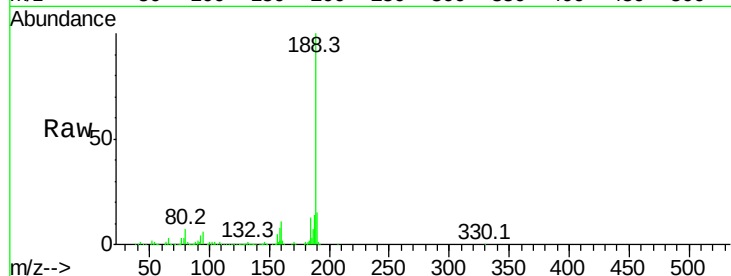
Tot Ion:188 Resp: 405557

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

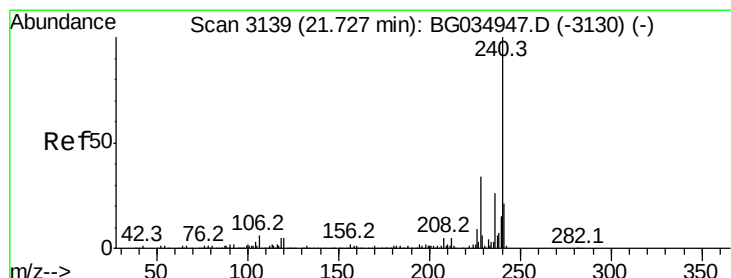
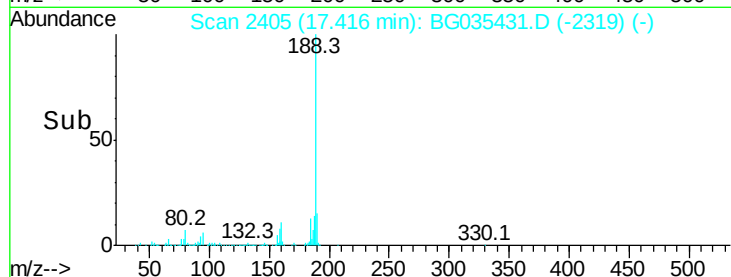
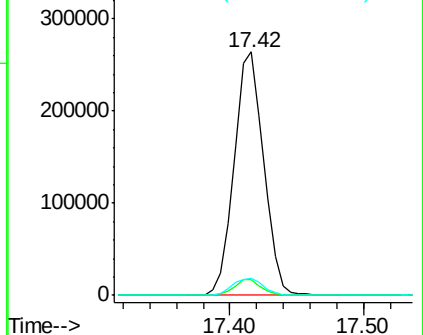
80 6.9 7.7 11.5#



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. -0.04 min

Lab File: BG035431.D

Acq: 27 Jun 2018 5:19

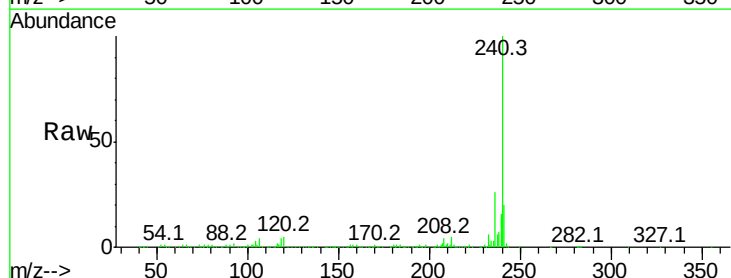
Tgt Ion:240 Resp: 437700

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

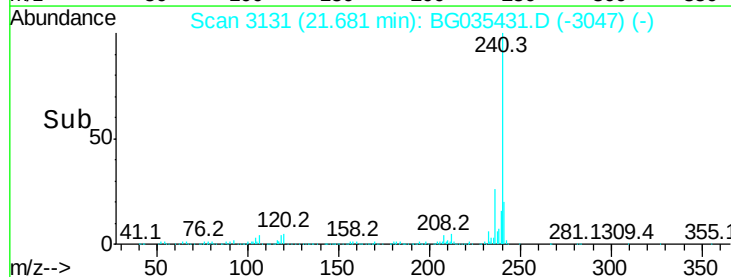
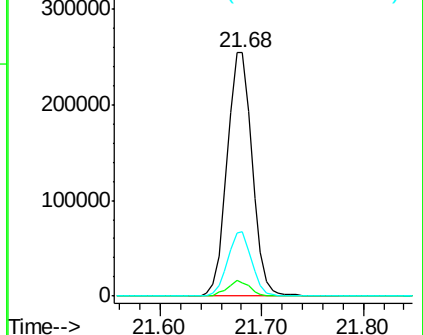
236 26.2 20.9 31.3

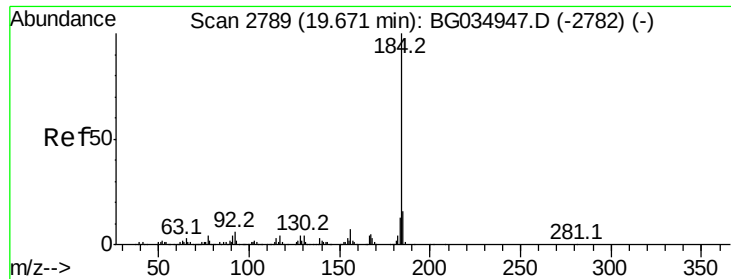


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.117 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035431.D

Acq: 27 Jun 2018 5:19

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(3-67)-COMP

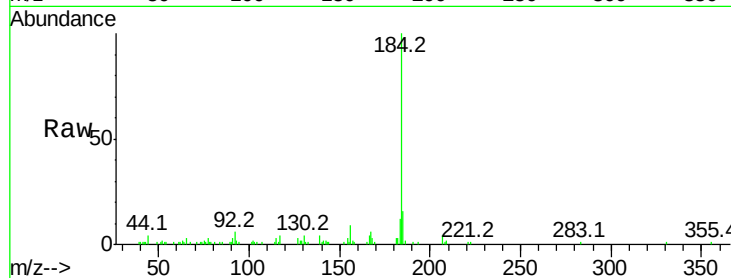
Tot Ion:184 Resp: 50765

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

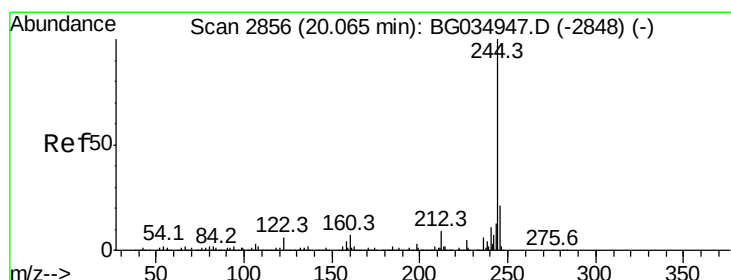
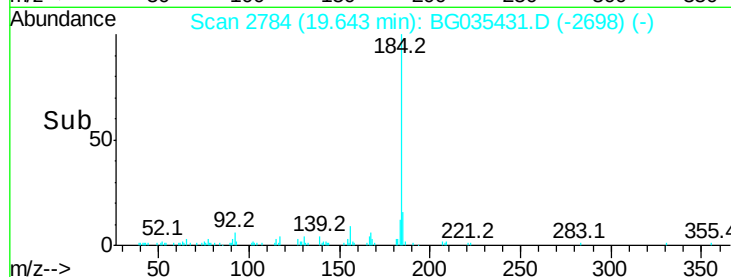
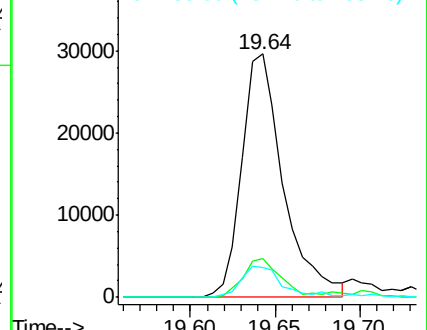
183 12.3 10.6 16.0



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: 98.769 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035431.D

Acq: 27 Jun 2018 5:19

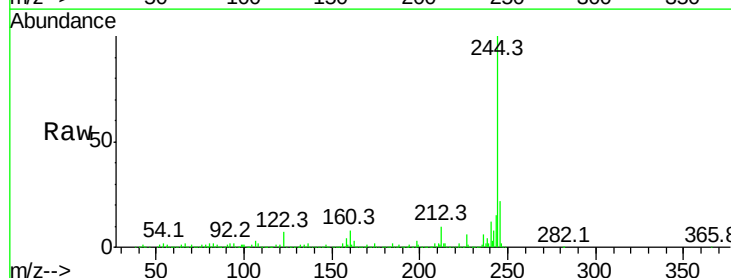
Tgt Ion:244 Resp: 2063870

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

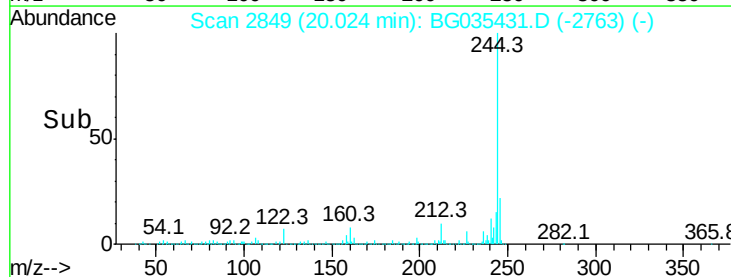
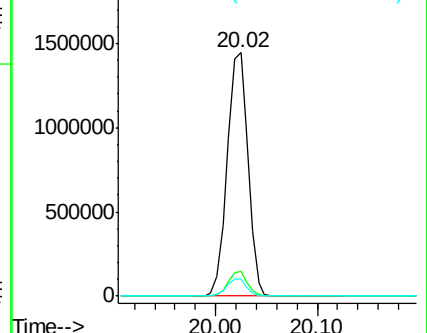
122 6.9 7.0 10.4#

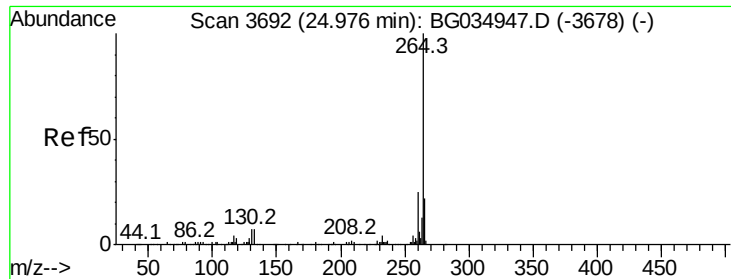


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

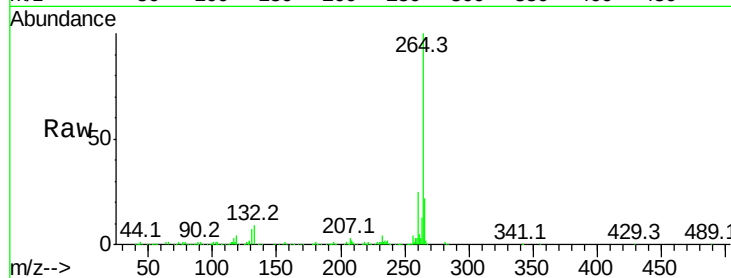




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3678
Delta R.T. -0.06 min
Lab File: BG035431.D
Acq: 27 Jun 2018 5:19

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(3-67)-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	22.0	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

