

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035297.D
 Acq On : 21 Jun 2018 13:26
 Operator : JU/SJ
 Sample : J3575-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Jun 21 14:59:23 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

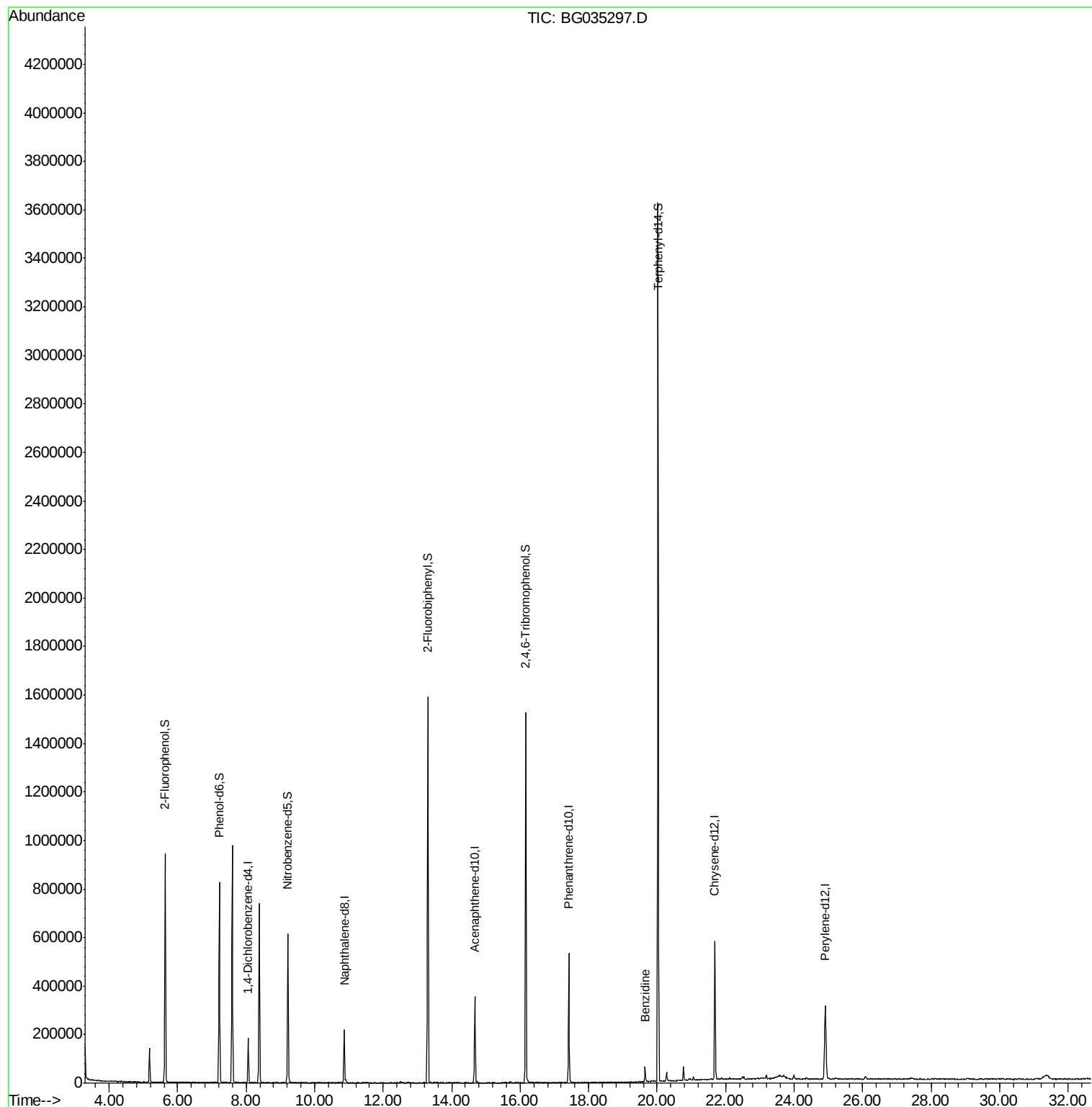
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52605	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	181664	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	122623	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	343318	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	382160	20.00	ng	-0.03
86) Perylene-d12	24.91	264	368585	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	400488	128.48	ng	-0.01
7) Phenol-d6	7.21	99	510754	111.02	ng	-0.01
23) Nitrobenzene-d5	9.22	82	408588	106.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	294032	187.31	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	901101	95.53	ng	-0.03
78) Terphenyl-d14	20.03	244	1758502	96.39	ng	-0.02
Target Compounds						
76) Benzidine	19.65	184	46424	3.265	ng	Qvalue 97

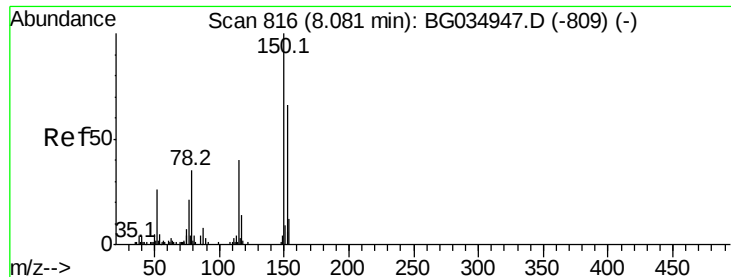
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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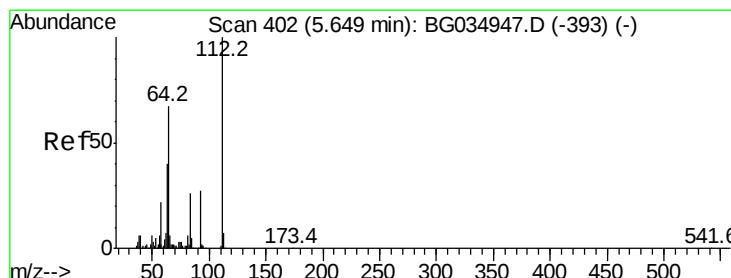
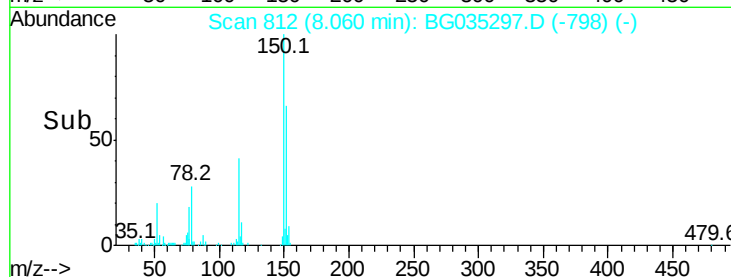
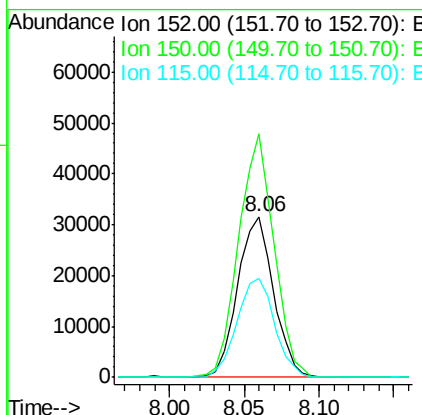
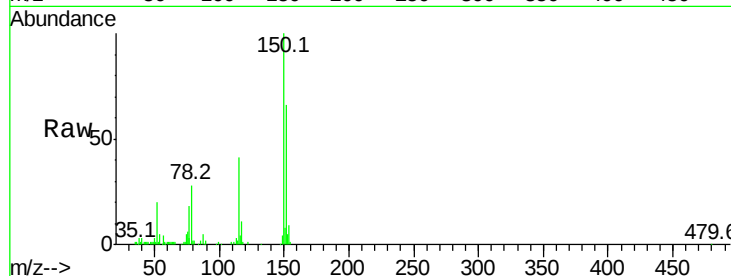


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035297.D
Acq: 21 Jun 2018 13:26

Instrument :
BNA_G
ClientSampleId :
TP-9

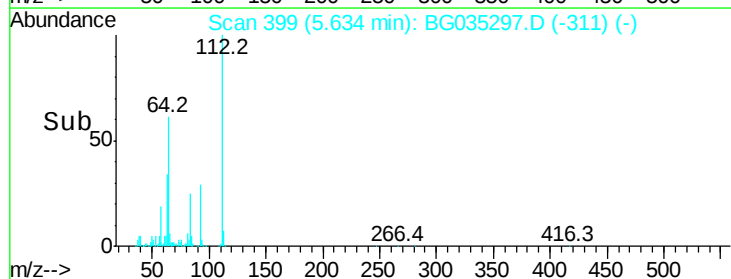
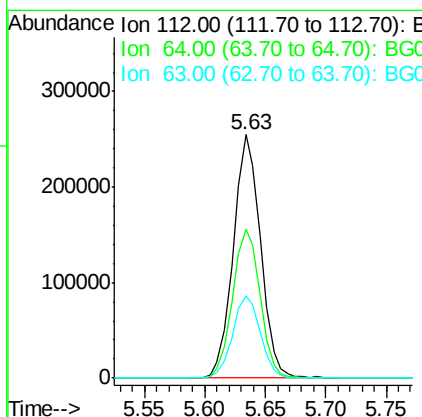
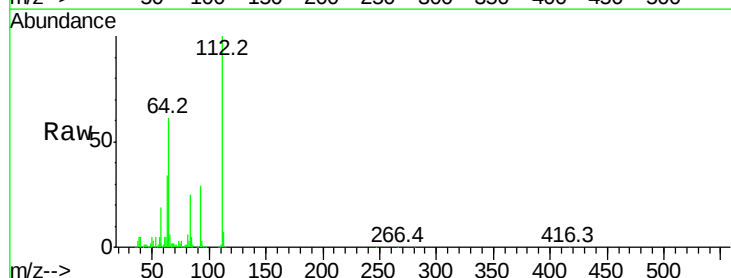
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	61.5	53.0	79.4

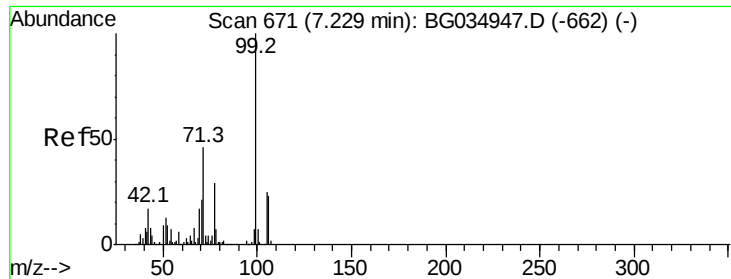


#5

2-Fluorophenol
Concen: 128.480 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035297.D
Acq: 21 Jun 2018 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.3	84.5
63	34.0	30.1	45.1





#7

Phenol-d6

Concen: 111.016 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035297.D

Acq: 21 Jun 2018 13:26

Instrument :

BNA_G

ClientSampleId :

TP-9

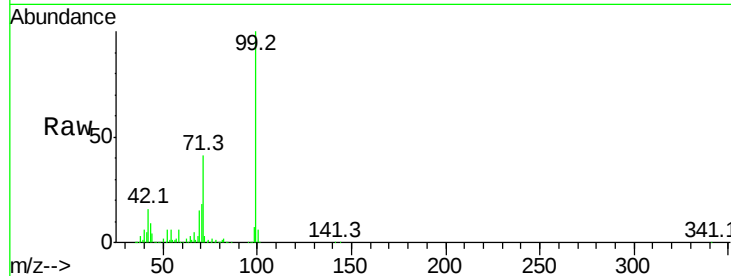
Tot Ion: 99 Resp: 510754

Ion Ratio Lower Upper

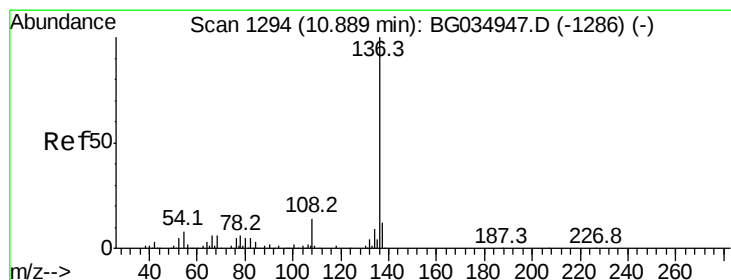
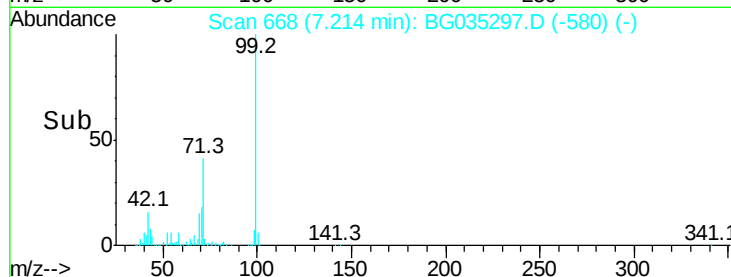
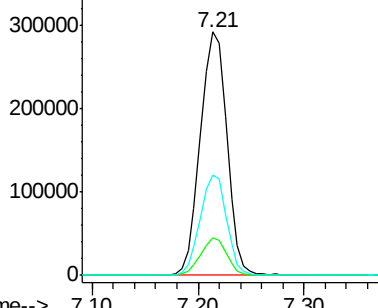
99 100

42 15.5 14.1 21.1

71 41.0 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# 1289

Delta R.T. -0.02 min

Lab File: BG035297.D

Acq: 21 Jun 2018 13:26

Tgt Ion: 136 Resp: 181664

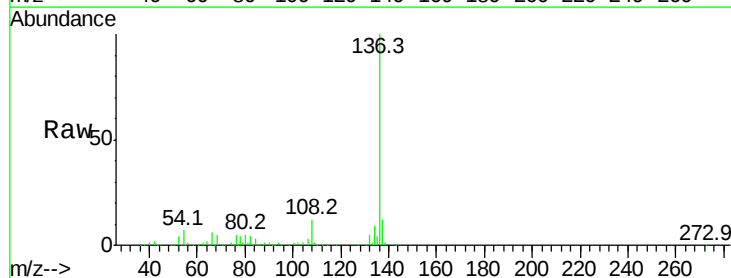
Ion Ratio Lower Upper

136 100

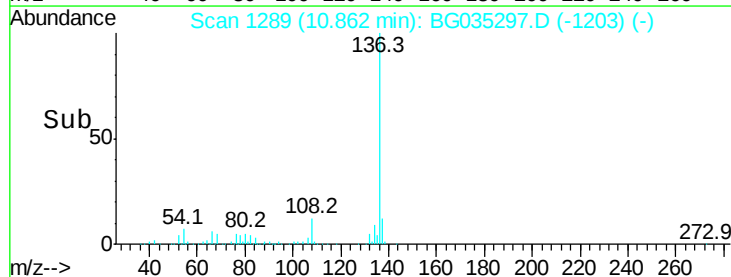
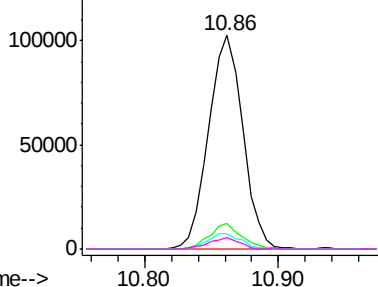
137 11.8 9.2 13.8

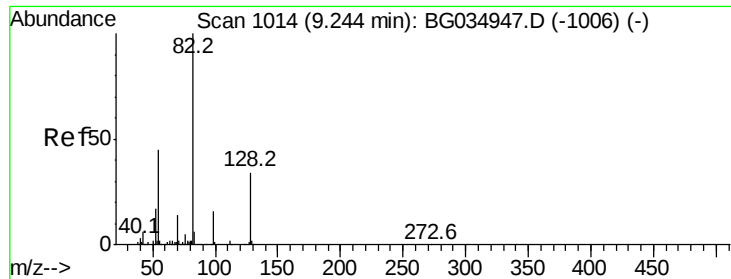
54 7.1 10.3 15.5#

68 5.4 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

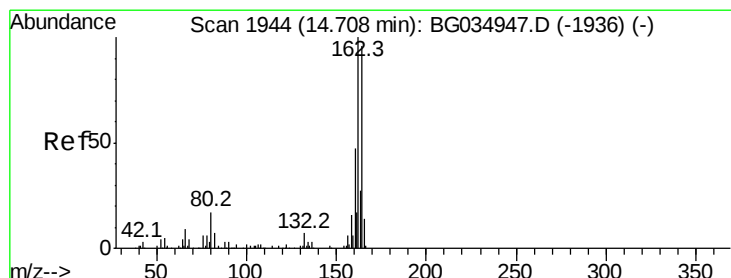
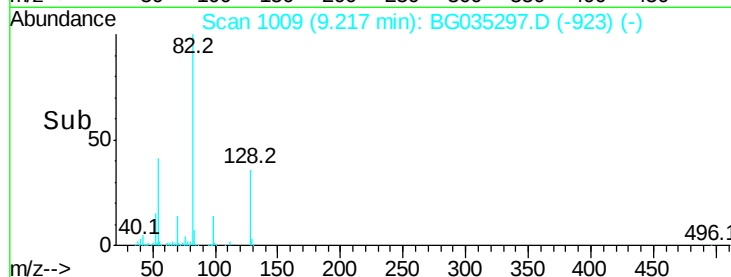
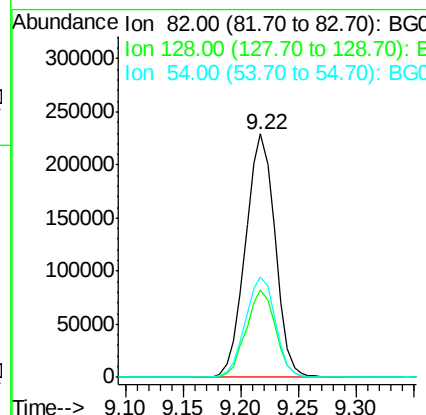
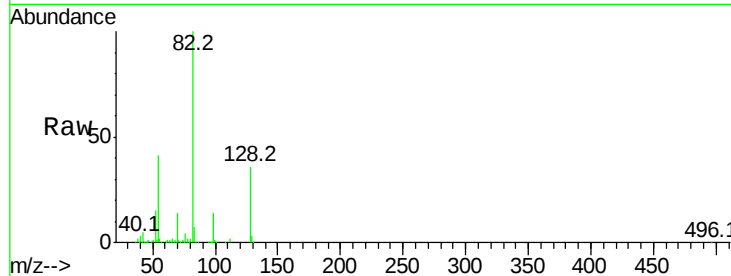




#23
 Nitrobenzene-d5
 Concen: 106.911 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035297.D
 Acq: 21 Jun 2018 13:26

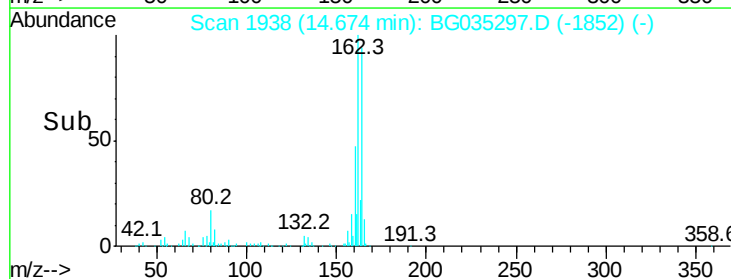
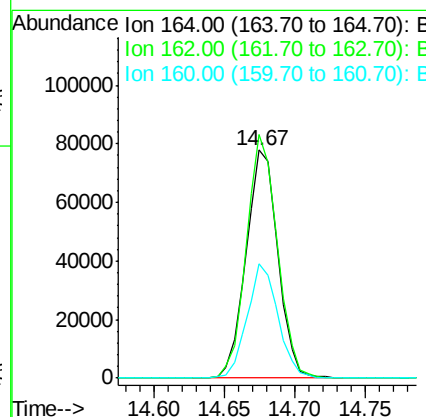
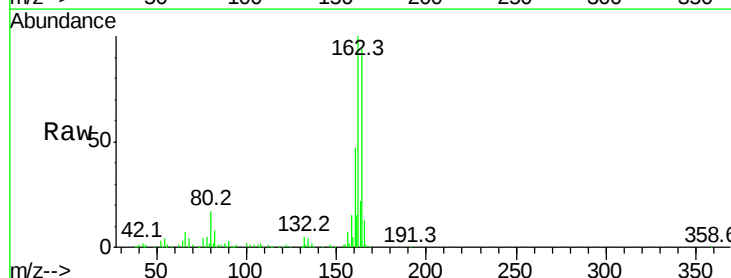
Instrument :
 BNA_G
 ClientSampleId :
 TP-9

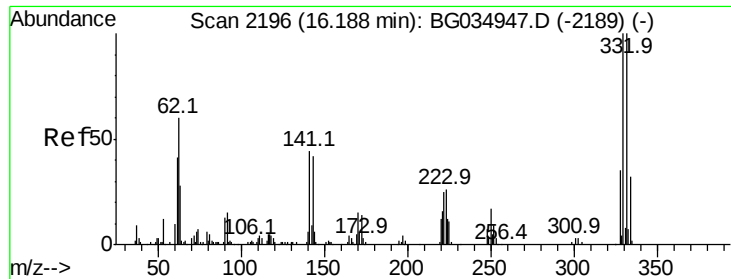
Tot Ion: 82 Resp: 408588
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 41.4 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035297.D
 Acq: 21 Jun 2018 13:26

Tgt Ion:164 Resp: 122623
 Ion Ratio Lower Upper
 164 100
 162 106.8 78.8 118.2
 160 50.3 35.4 53.0

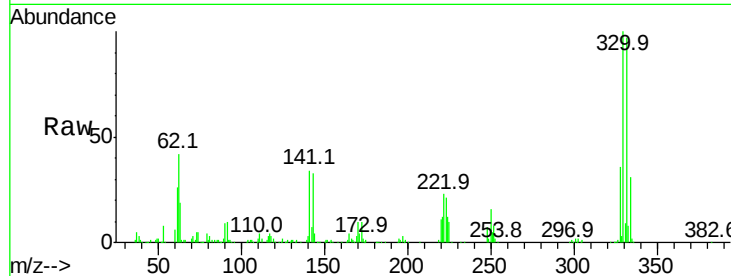




#41
 2,4,6-Tribromophenol
 Concen: 187.314 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035297.D
 Acq: 21 Jun 2018 13:26

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.5	25.2	37.8

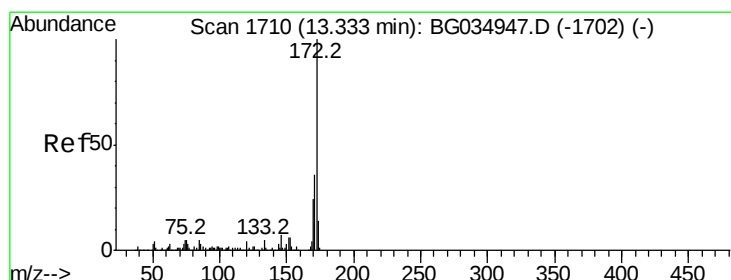
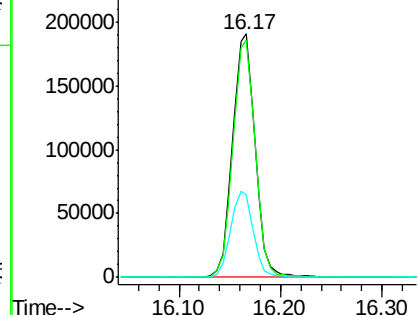
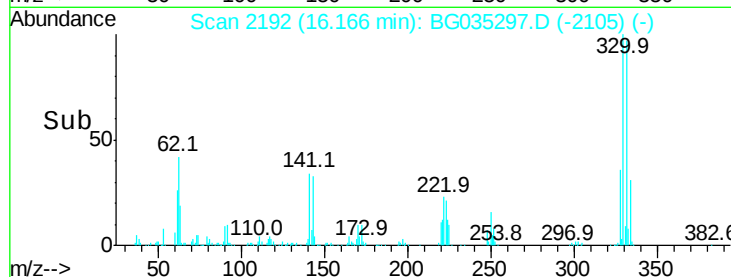


Abundance

Ion 329.80 (329.50 to 330.50): E

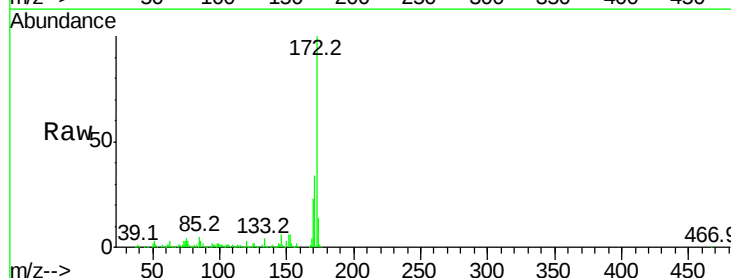
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.531 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035297.D
 Acq: 21 Jun 2018 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	22.9	19.5	29.3

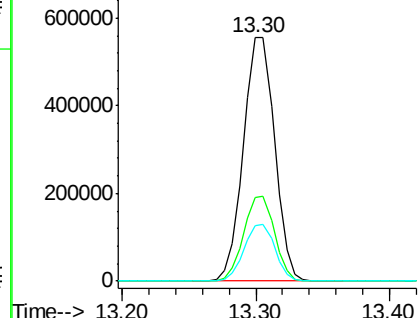
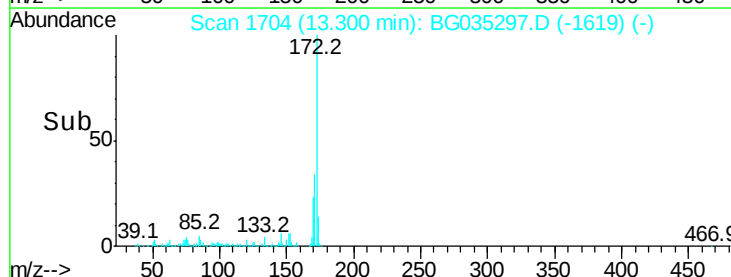


Abundance

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: BG035297.D

Acq: 21 Jun 2018 13:26

Instrument :

BNA_G

ClientSampleId :

TP-9

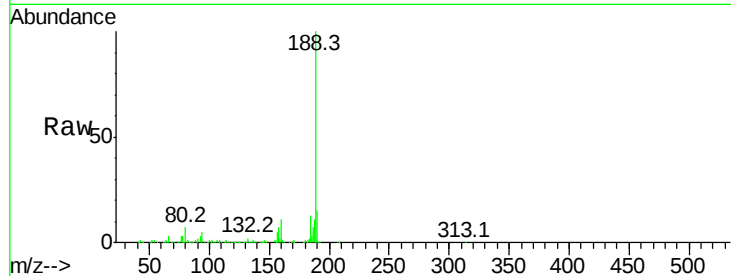
Tot Ion:188 Resp: 343318

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

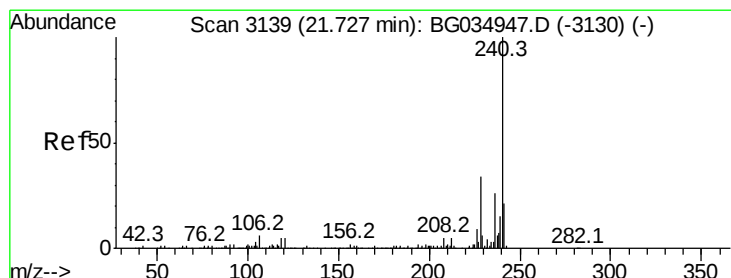
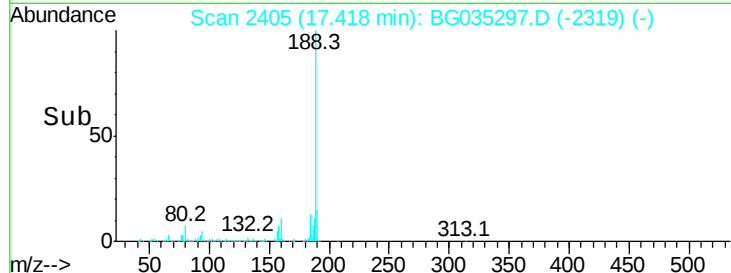
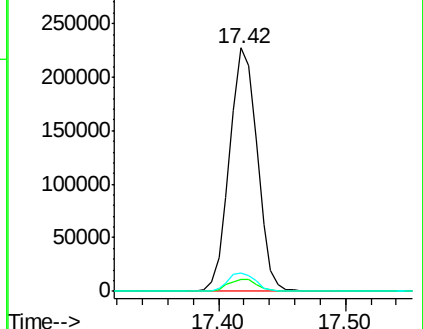
80 7.4 7.7 11.5#



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035297.D

Acq: 21 Jun 2018 13:26

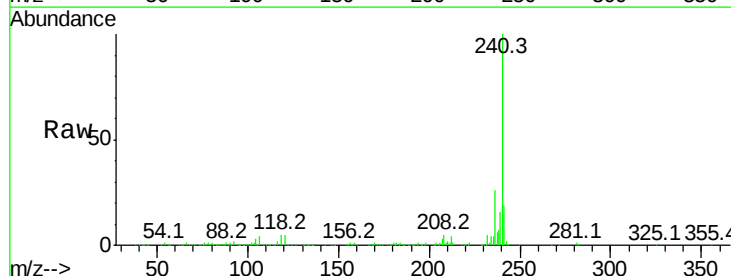
Tgt Ion:240 Resp: 382160

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

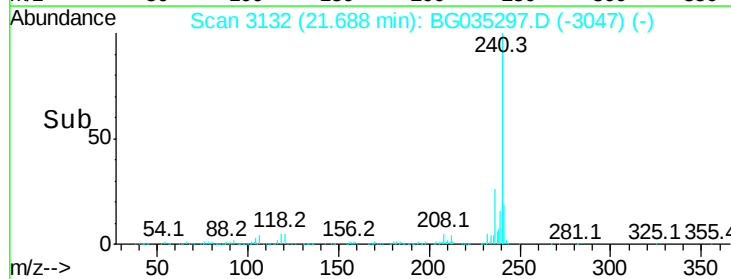
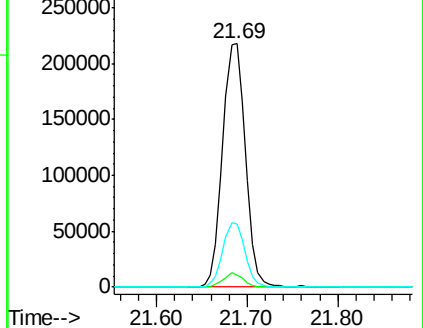
236 26.2 20.9 31.3

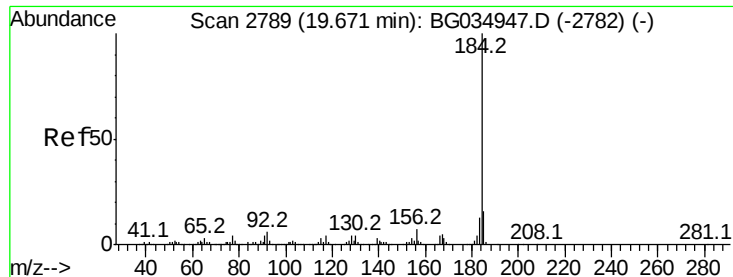


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

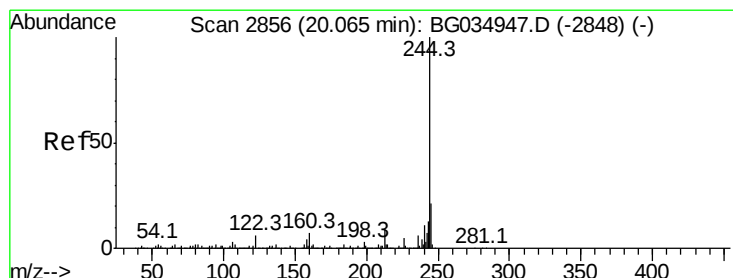
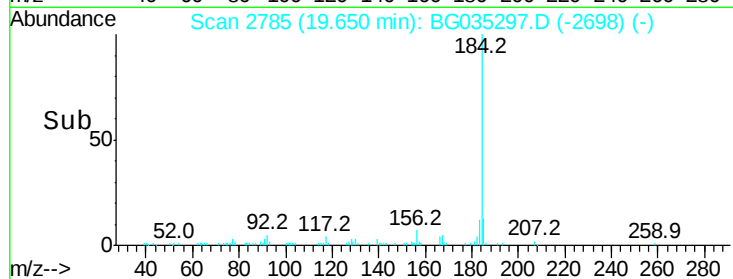
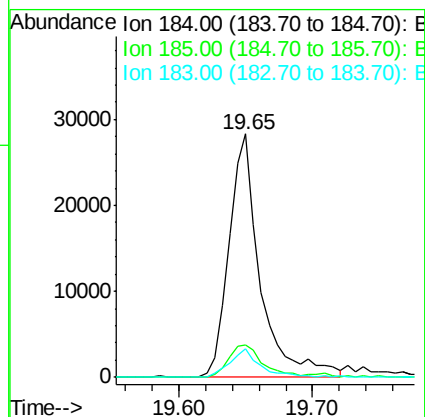
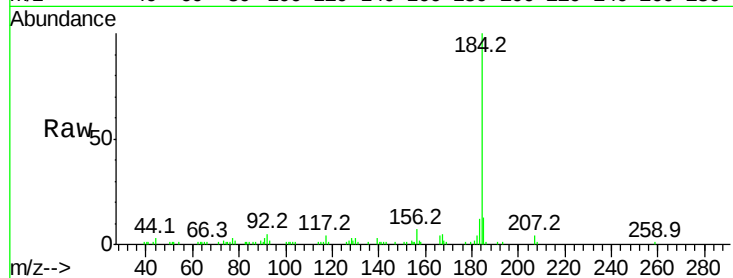




#76
Benzidine
Concen: 3.265 ng
RT: 19.65 min Scan# 2785
Delta R.T. -0.02 min
Lab File: BG035297.D
Acq: 21 Jun 2018 13:26

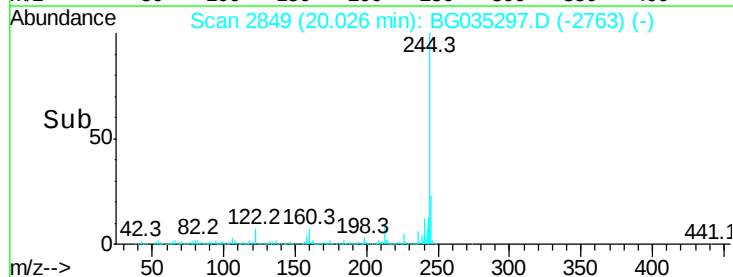
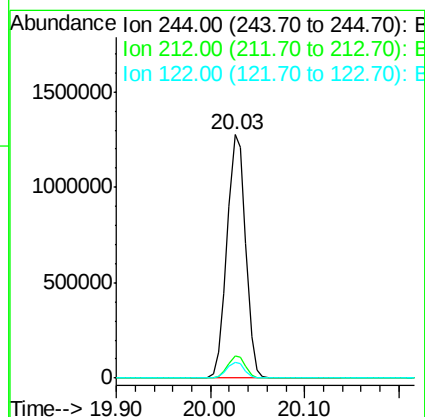
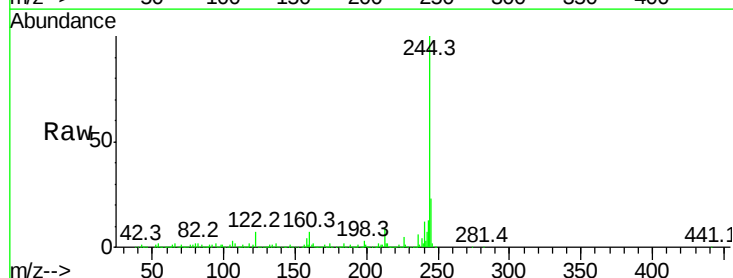
Instrument :
BNA_G
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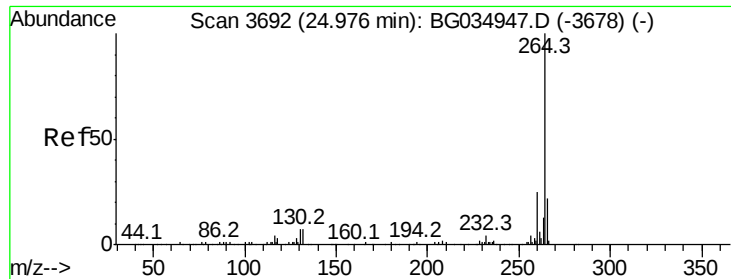
Tot Ion:184 Resp: 46424
Ion Ratio Lower Upper
184 100
185 13.2 11.1 16.7
183 11.5 10.6 16.0



#78
Terphenyl-d14
Concen: 96.386 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035297.D
Acq: 21 Jun 2018 13:26

Tgt Ion:244 Resp: 1758502
Ion Ratio Lower Upper
244 100
212 9.3 5.8 8.8#
122 6.6 7.0 10.4#

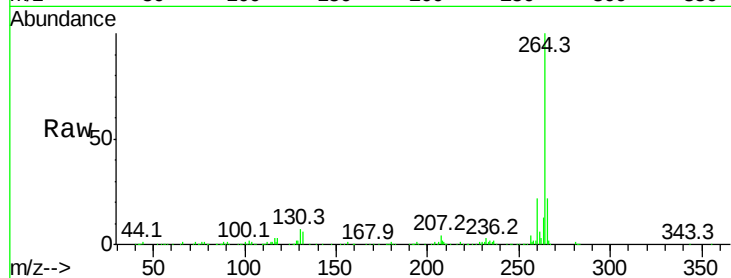




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035297.D
Acq: 21 Jun 2018 13:26

Instrument :
BNA_G
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	22.2	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

