

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028951.D
 Acq On : 27 Sep 2017 20:24
 Operator : SJ/JU
 Sample : I5428-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A-B-C-DRUM-COMP

Quant Time: Sep 28 02:46:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

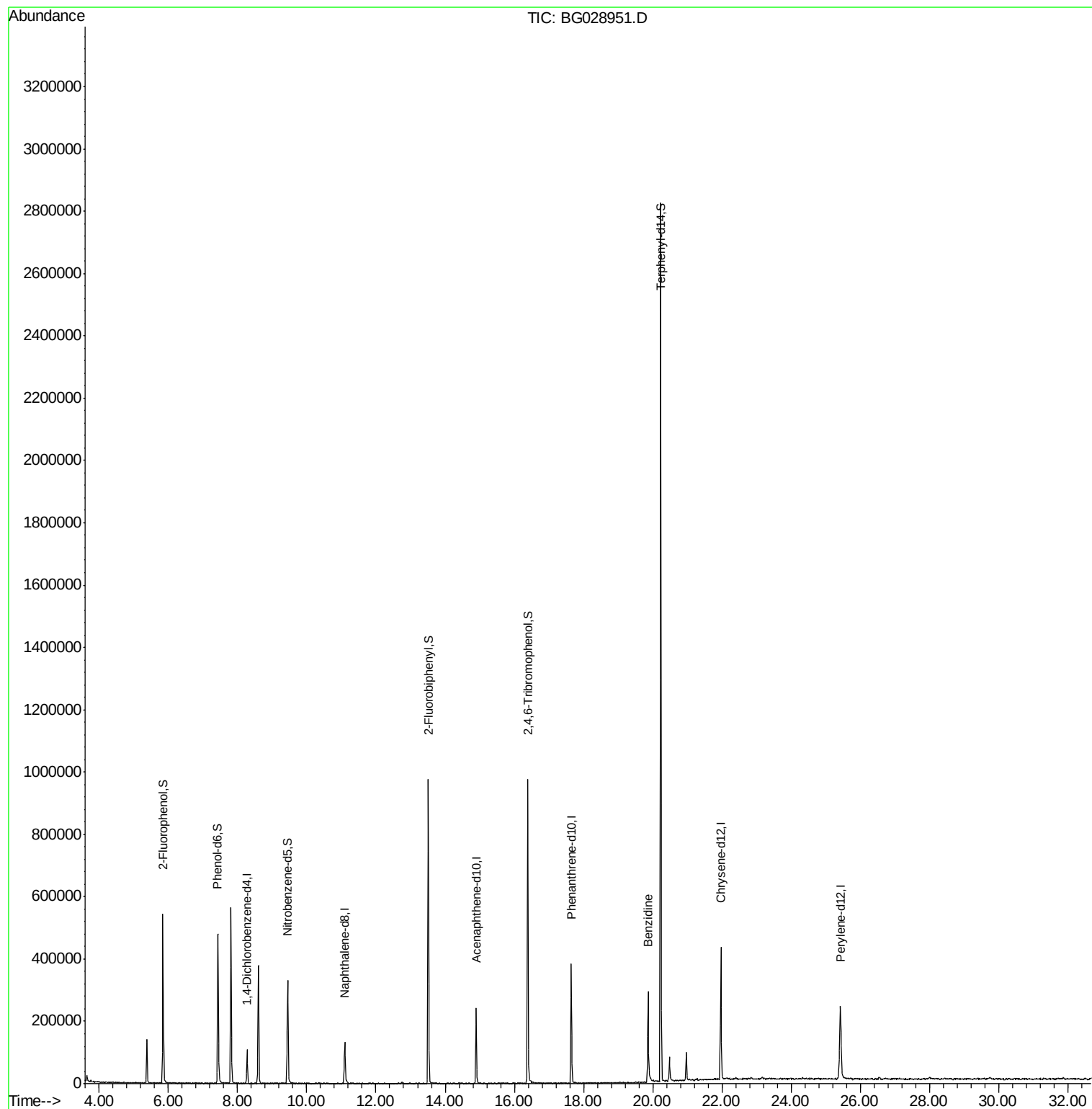
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	29058	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	119161	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	85929	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	259874	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	302455	20.00	ng	-0.06
86) Perylene-d12	25.42	264	304722	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	234146	132.96	ng	-0.06
7) Phenol-d6	7.44	99	295720	111.53	ng	-0.05
23) Nitrobenzene-d5	9.45	82	219002	87.92	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	214529	150.95	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	545495	84.65	ng	-0.05
78) Terphenyl-d14	20.23	244	1311003	92.44	ng	-0.05
Target Compounds						
76) Benzidine	19.86	184	215154	27.431	ng	Qvalue 95

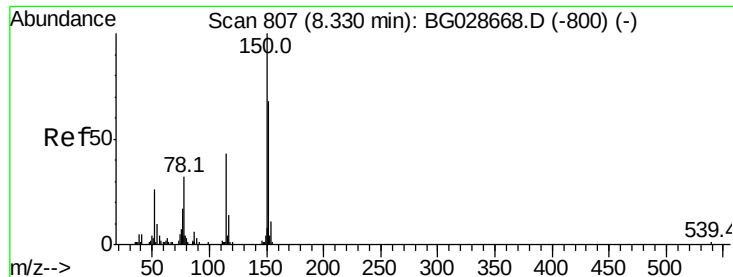
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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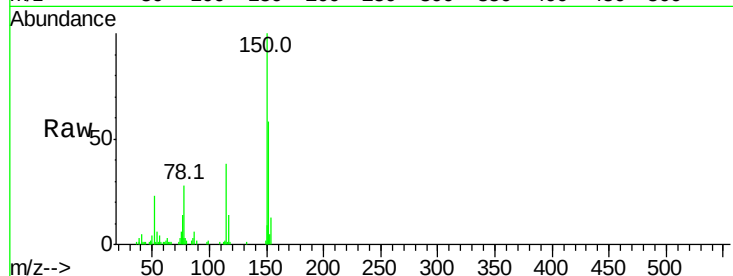


#1

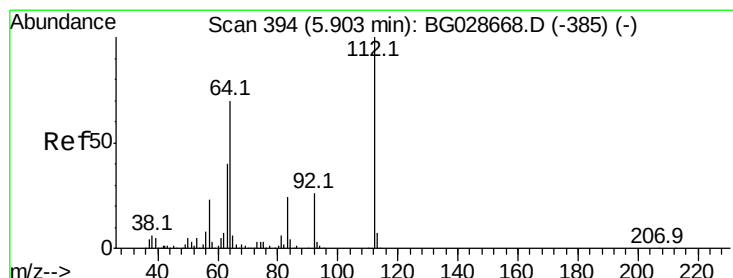
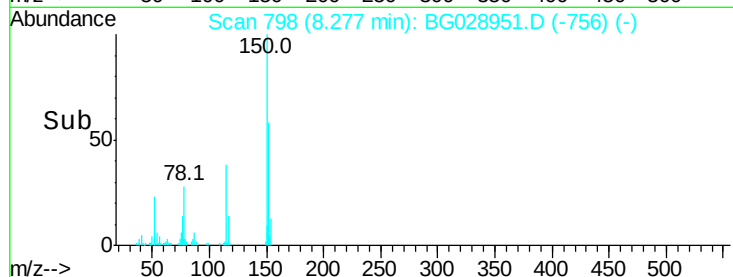
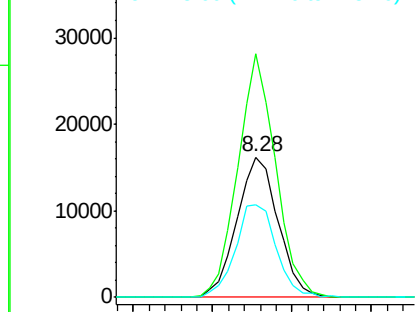
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028951.D
Acq: 27 Sep 2017 20:24

Instrument :
BNA_G
ClientSampleId :
A-B-C-DRUM-COMP

Tot Ion:152 Resp: 29058
Ion Ratio Lower Upper
152 100
150 173.5 114.0 171.0#
115 66.4 48.1 72.1



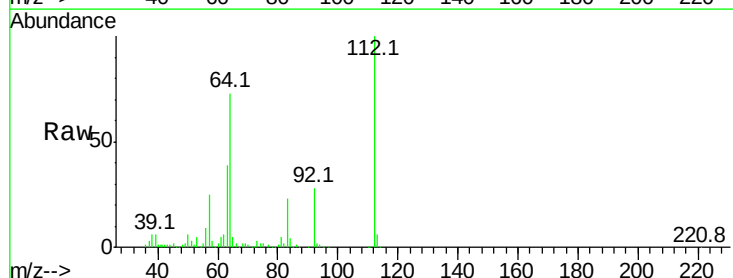
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



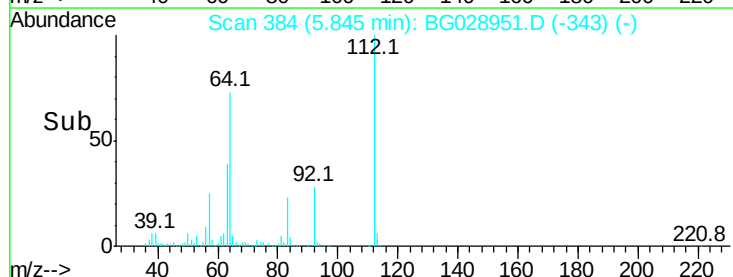
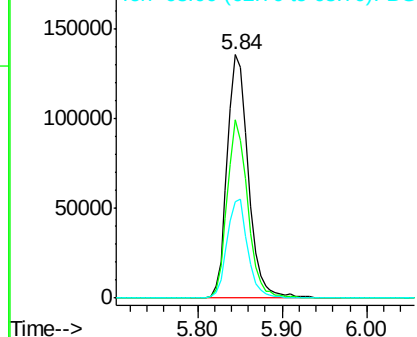
#5

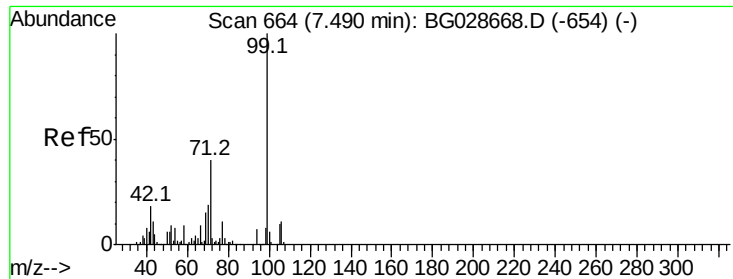
2-Fluorophenol
Concen: 132.959 ng
RT: 5.84 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028951.D
Acq: 27 Sep 2017 20:24

Tgt Ion:112 Resp: 234146
Ion Ratio Lower Upper
112 100
64 73.0 61.8 92.6
63 39.4 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.531 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

A-B-C-DRUM-COMP

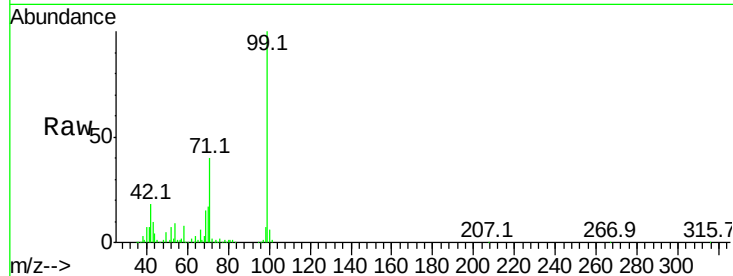
Tot Ion: 99 Resp: 295720

Ion Ratio Lower Upper

99 100

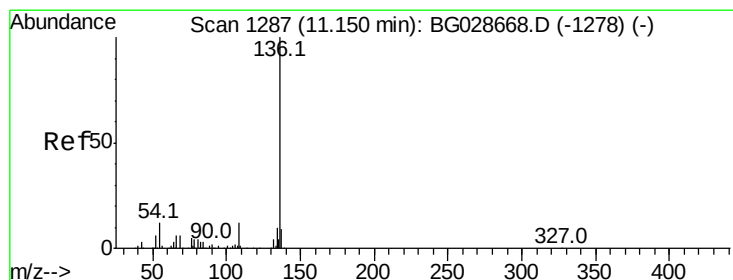
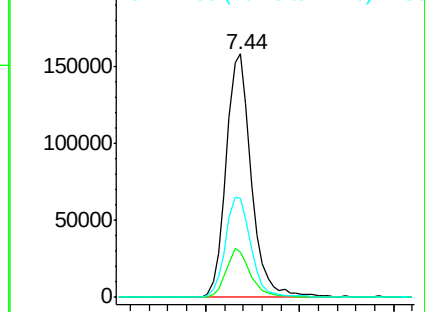
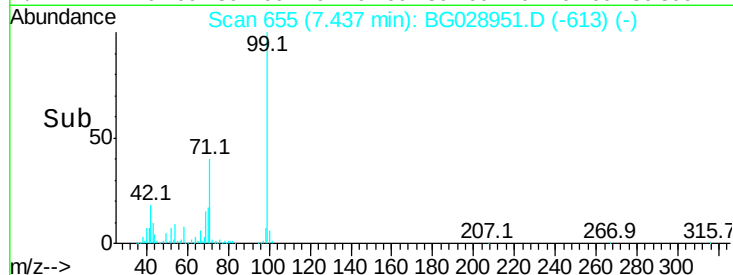
42 18.4 20.5 30.7#

71 40.4 37.6 56.4



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

7.44



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Tgt Ion: 136 Resp: 119161

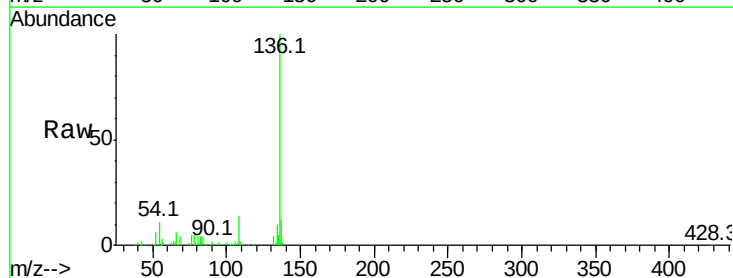
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

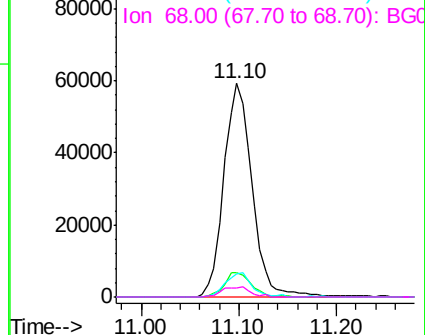
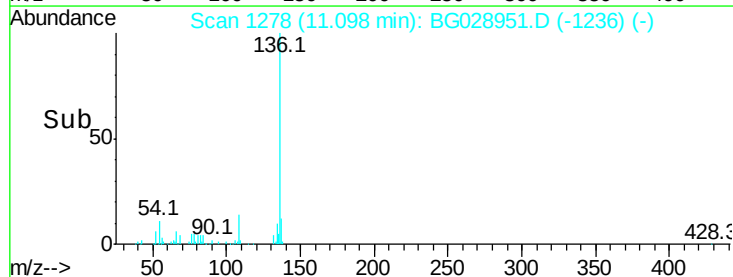
54 10.8 9.3 13.9

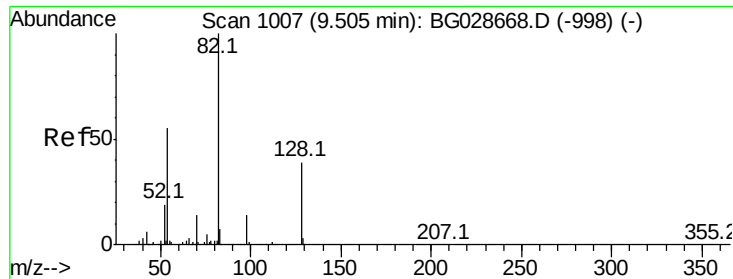
68 4.4 5.1 7.7#



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

11.10

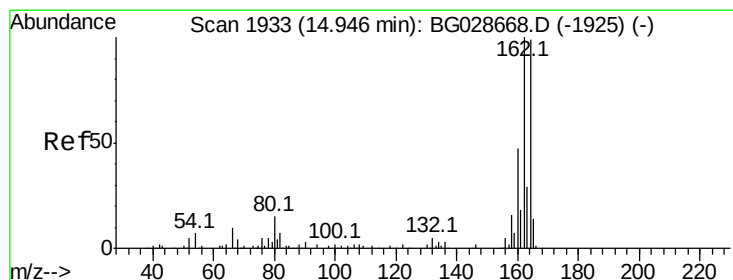
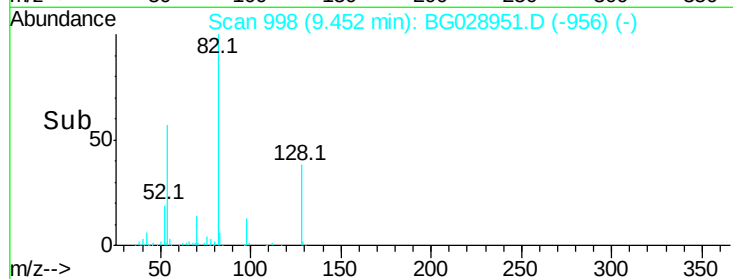
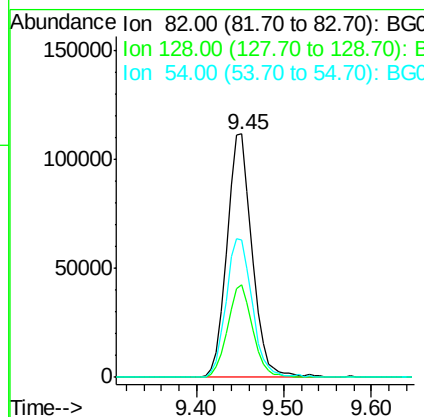
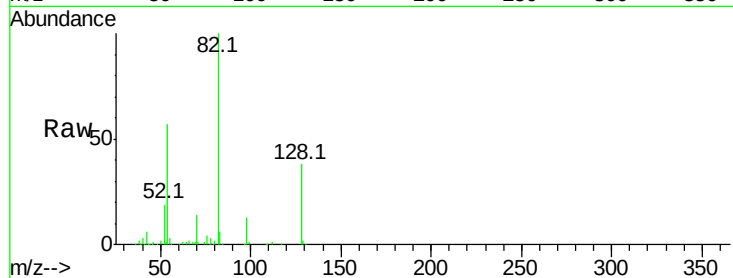




#23
 Nitrobenzene-d5
 Concen: 87.919 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028951.D
 Acq: 27 Sep 2017 20:24

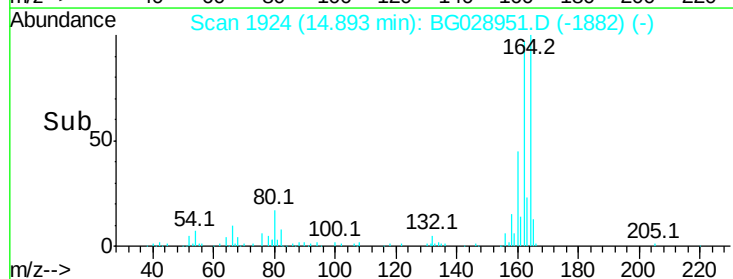
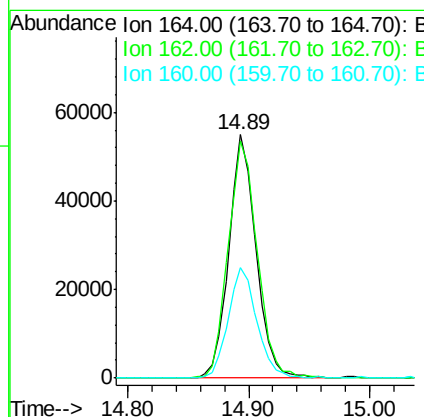
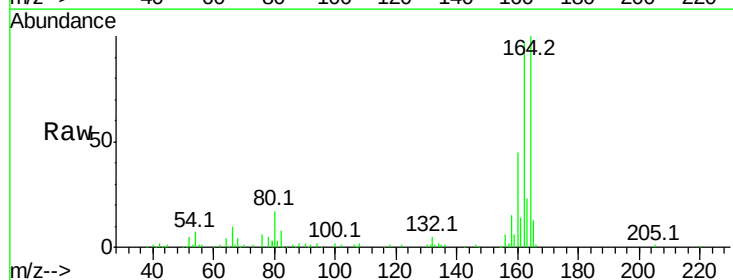
Instrument :
 BNA_G
 ClientSampleId :
 A-B-C-DRUM-COMP

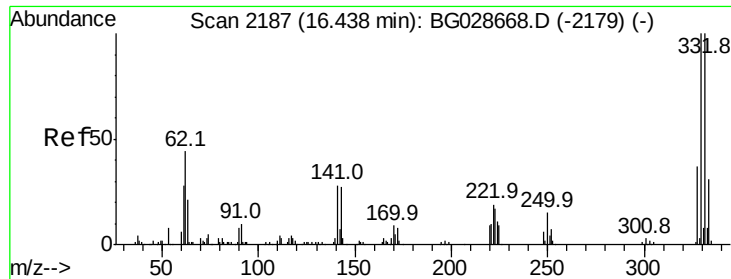
Tot Ion	82	Resp	219002
Ion Ratio	100	Lower	Upper
128	37.9	26.4	39.6
54	56.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028951.D
 Acq: 27 Sep 2017 20:24

Tgt Ion	164	Resp	85929
Ion Ratio	100	Lower	Upper
162	97.3	85.1	127.7
160	45.3	34.7	52.1

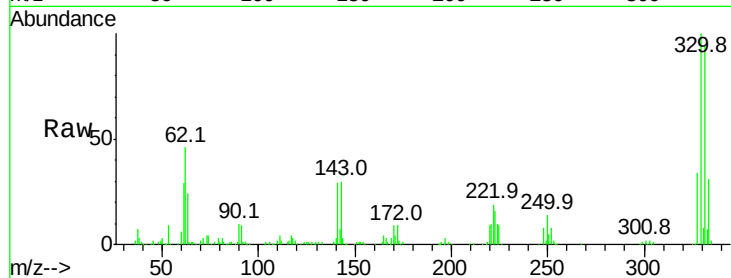




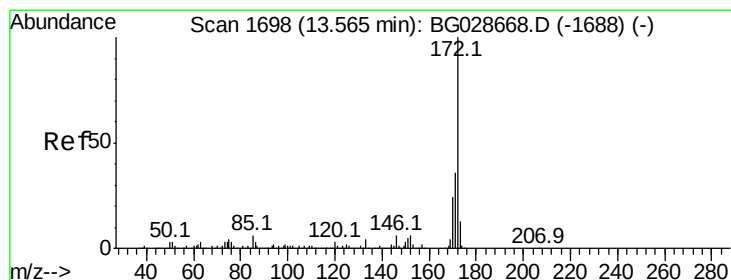
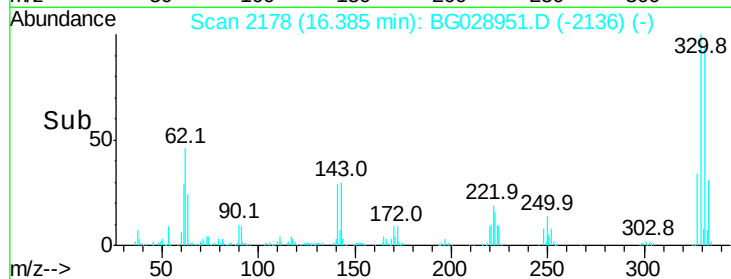
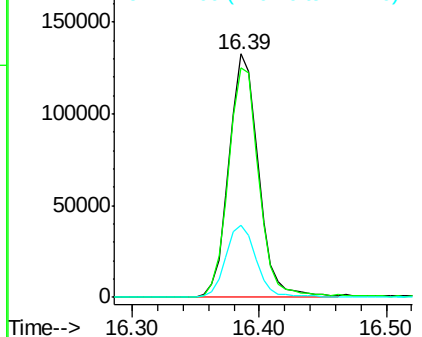
#41
 2,4,6-Tribromophenol
 Concen: 150.948 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028951.D
 Acq: 27 Sep 2017 20:24

Instrument :
 BNA_G
 ClientSampleId :
 A-B-C-DRUM-COMP

Tot Ion:330 Resp: 214529
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 30.7 32.1 48.1#

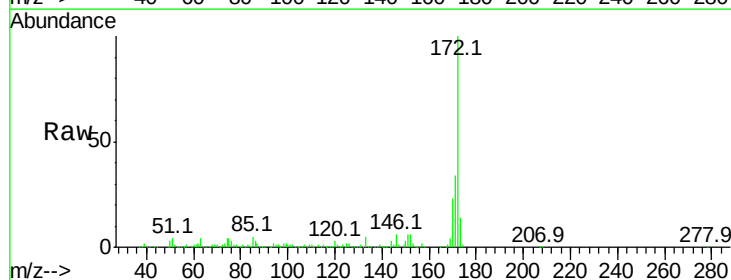


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

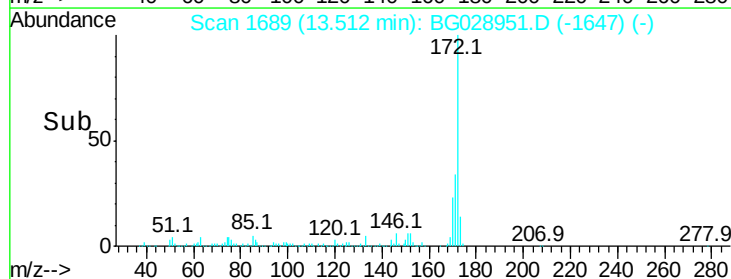
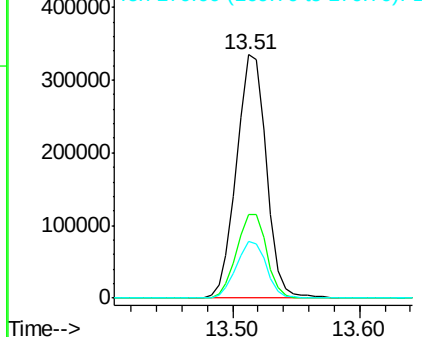


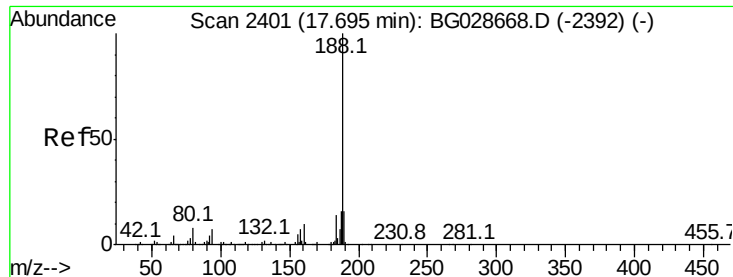
#44
 2-Fluorobiphenyl
 Concen: 84.648 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028951.D
 Acq: 27 Sep 2017 20:24

Tgt Ion:172 Resp: 545495
 Ion Ratio Lower Upper
 172 100
 171 34.4 32.2 48.2
 170 23.4 21.8 32.6



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: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

A-B-C-DRUM-COMP

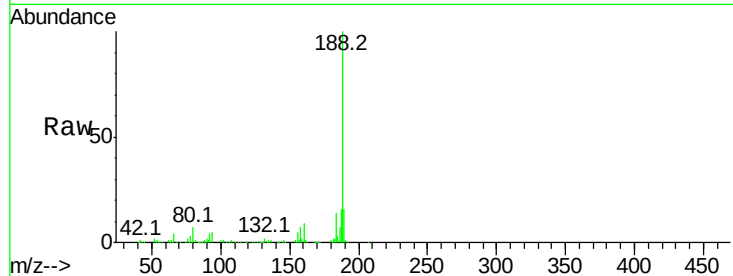
Tot Ion:188 Resp: 259874

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

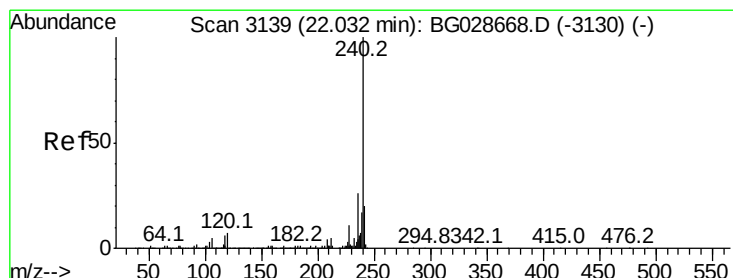
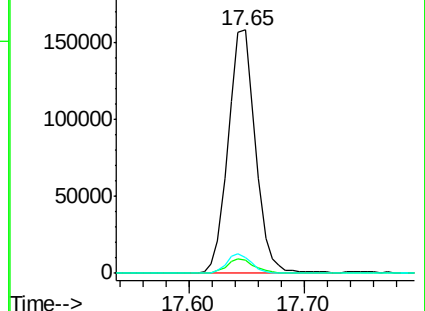
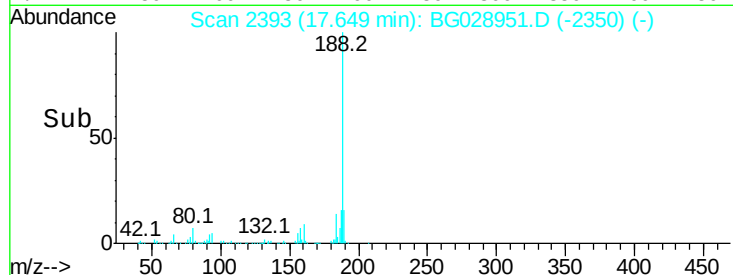
80 6.6 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG028951.D (-2392) (-)

Ion 80.00 (79.70 to 80.70): BG028951.D (-2392) (-)



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

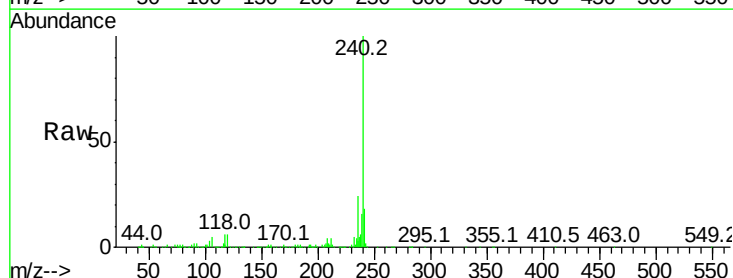
Tgt Ion:240 Resp: 302455

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

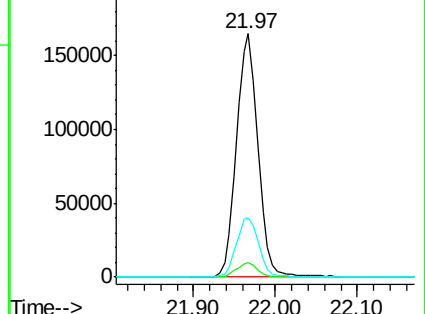
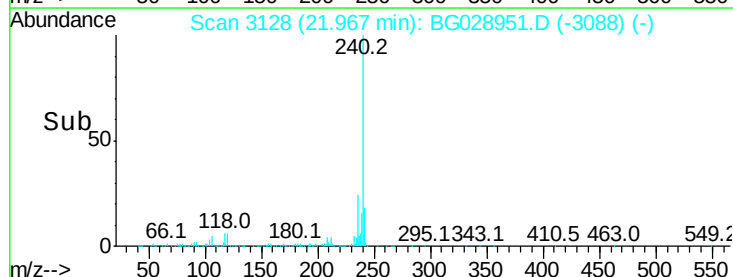
236 24.4 22.2 33.4

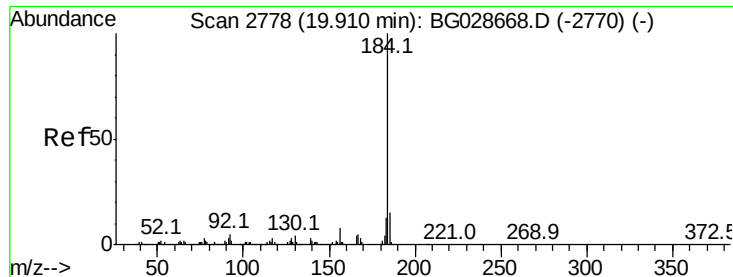


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): BG028951.D (-3130) (-)

Ion 236.00 (235.70 to 236.70): BG028951.D (-3130) (-)





#76

Benzidine

Concen: 27.431 ng

RT: 19.86 min Scan# 2770

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Instrument :

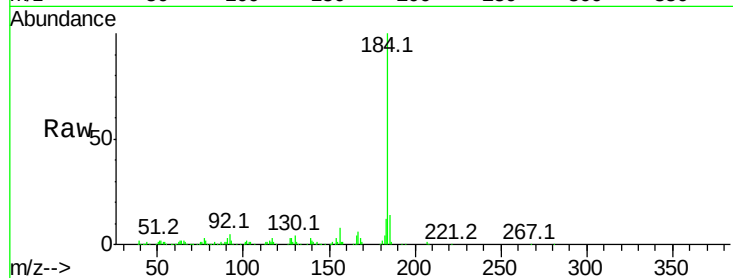
BNA_G

ClientSampleId :

A-B-C-DRUM-COMP

Tot Ion:184 Resp: 215154

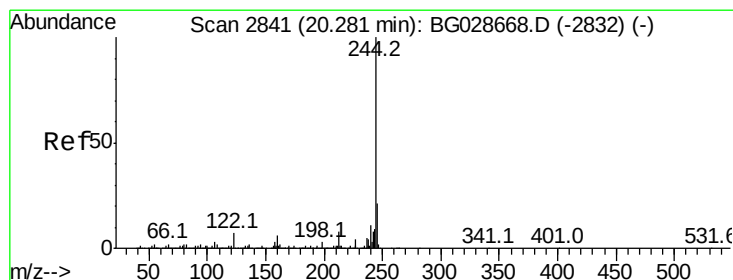
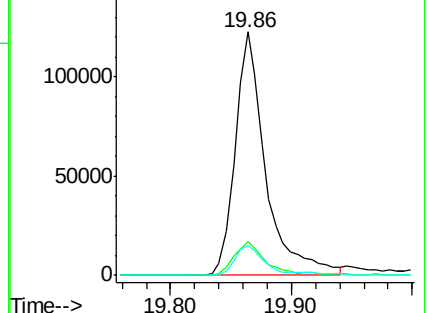
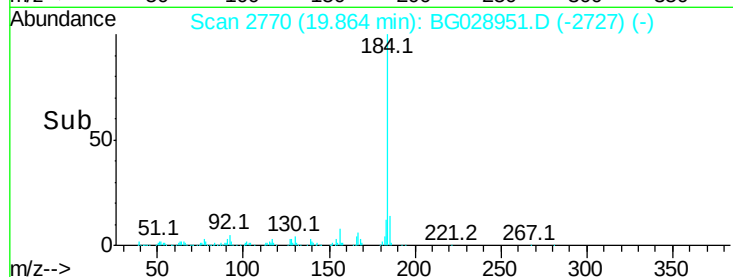
Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.0	19.6
183	12.2	11.0	16.6



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: 92.437 ng

RT: 20.23 min Scan# 2833

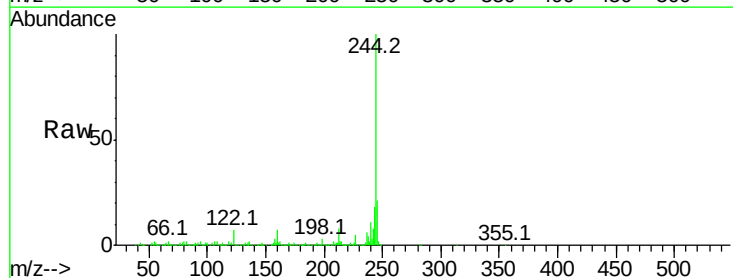
Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Tgt Ion:244 Resp: 1311003

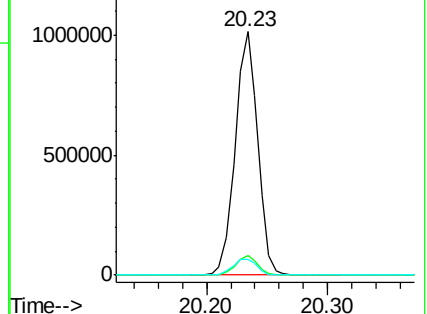
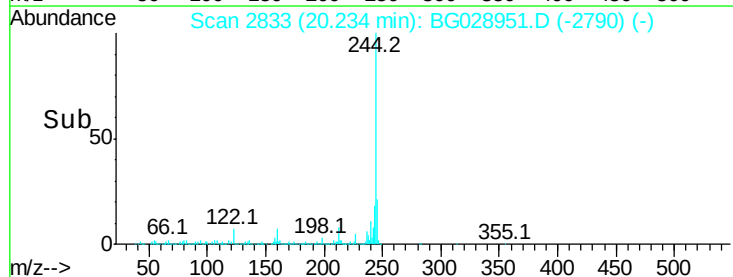
Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	6.7	8.6	12.8#

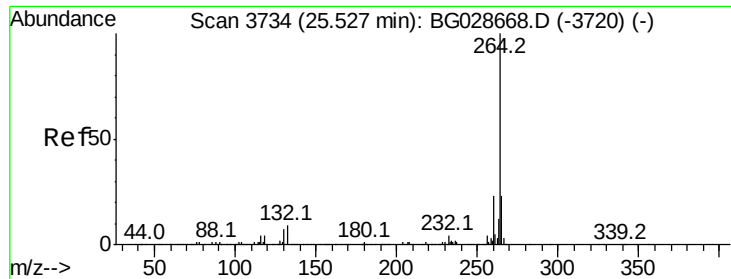


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.42 min Scan# 3716
Delta R.T. -0.11 min
Lab File: BG028951.D
Acq: 27 Sep 2017 20:24

Instrument :
BNA_G
ClientSampleId :
A-B-C-DRUM-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	21.4	18.2	27.4

