

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
 Data File : BG028975.D
 Acq On : 29 Sep 2017 18:57
 Operator : SJ/JU
 Sample : I5450-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170664-A-C-5

Quant Time: Sep 29 19:45:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 17:54:09 2017
 Response via : Initial Calibration

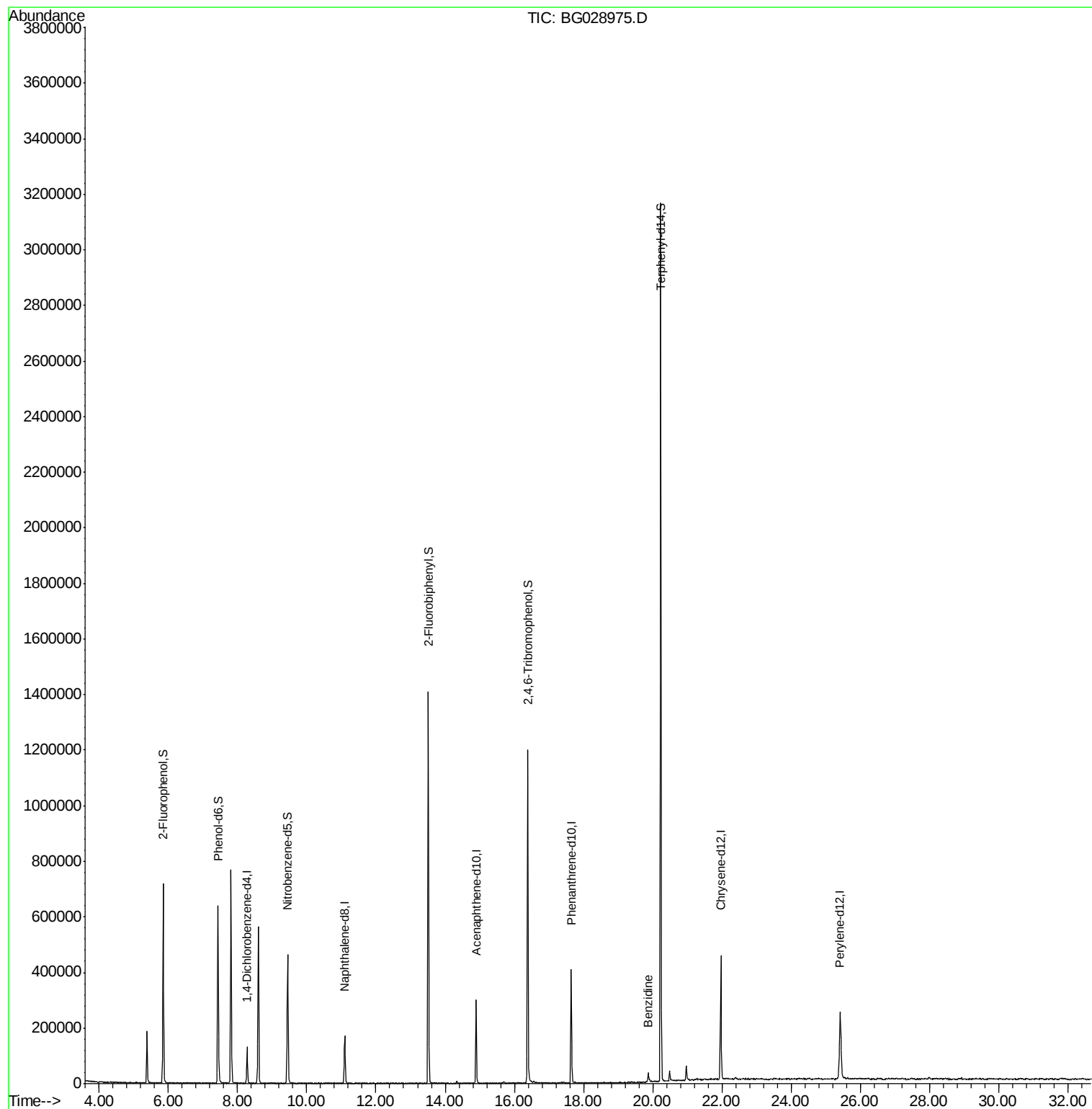
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	35364	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	150479	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	106823	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	274768	20.00	ng	0.00
75) Chrysene-d12	21.96	240	316832	20.00	ng	0.00
86) Perylene-d12	25.42	264	325596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	310158	144.72	ng	0.00
7) Phenol-d6	7.44	99	384924	119.29	ng	0.00
23) Nitrobenzene-d5	9.45	82	305500	97.12	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	258404	146.26	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	769841	96.10	ng	0.00
78) Terphenyl-d14	20.23	244	1479710	99.60	ng	0.00
Target Compounds						
76) Benzidine	19.87	184	34037	4.143	ng	Qvalue # 89

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

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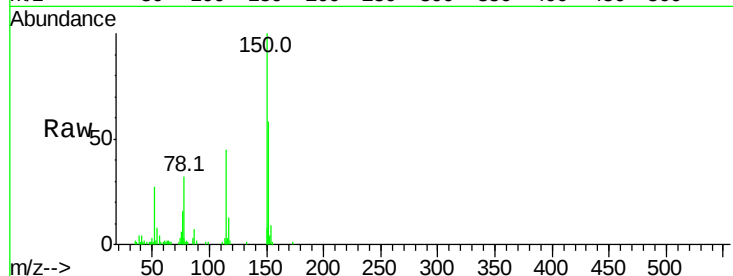


#1

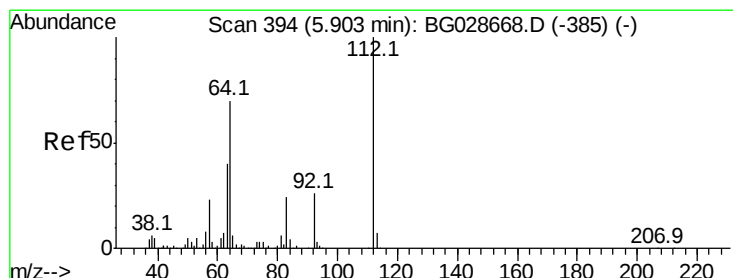
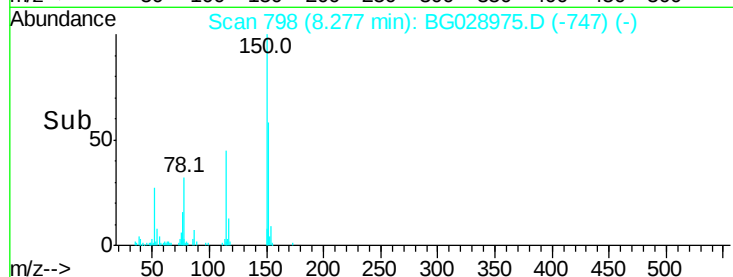
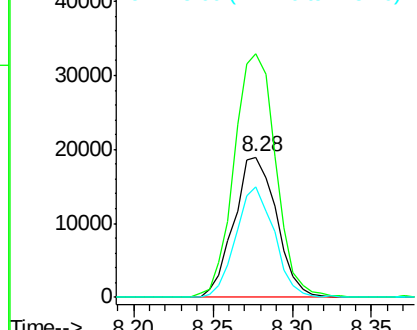
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. 0.00 min
Lab File: BG028975.D
Acq: 29 Sep 2017 18:57

Instrument :
BNA_G
ClientSampleId :
20170664-A-C-5

Tot Ion:152 Resp: 35364
Ion Ratio Lower Upper
152 100
150 173.6 114.0 171.0#
115 78.9 48.1 72.1#



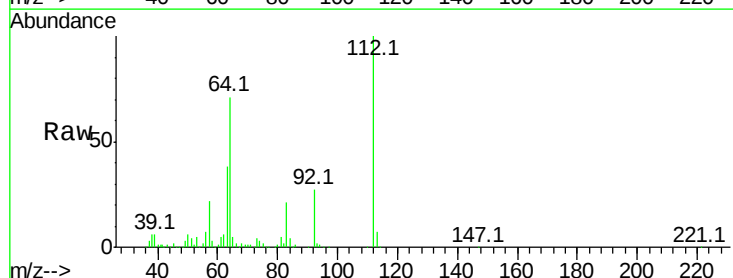
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



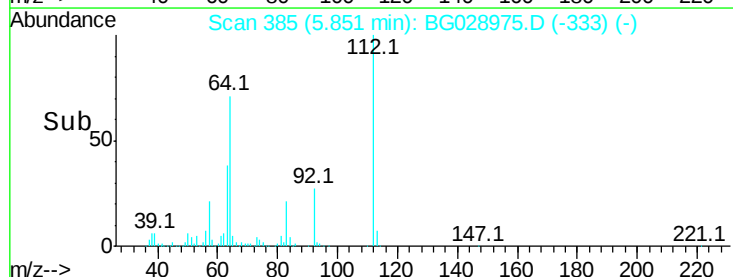
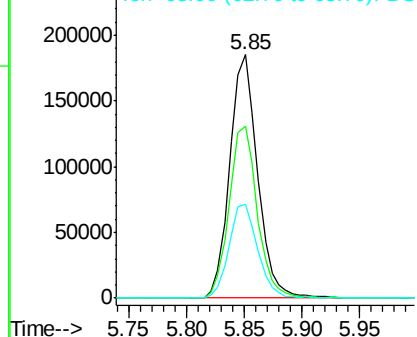
#5

2-Fluorophenol
Concen: 144.717 ng
RT: 5.85 min Scan# 385
Delta R.T. 0.01 min
Lab File: BG028975.D
Acq: 29 Sep 2017 18:57

Tgt Ion:112 Resp: 310158
Ion Ratio Lower Upper
112 100
64 70.6 61.8 92.6
63 38.3 37.2 55.8



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





#7

Phenol-d6

Concen: 119.287 ng

RT: 7.44 min Scan# 655

Delta R.T. 0.00 min

Lab File: BG028975.D

Acq: 29 Sep 2017 18:57

Instrument :

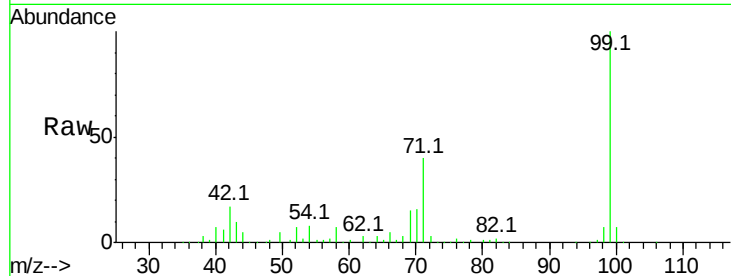
BNA_G

ClientSampleId :

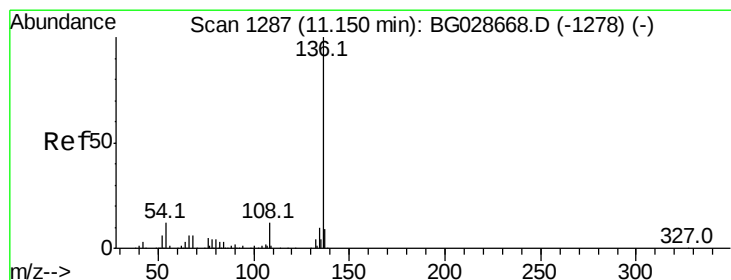
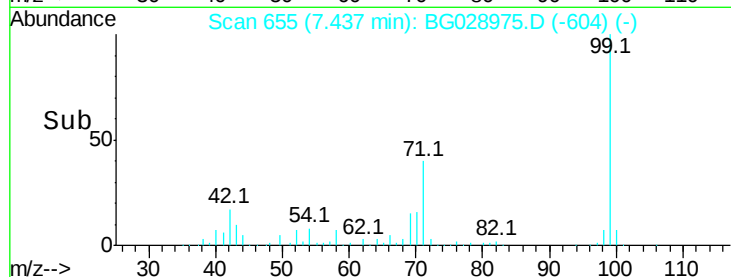
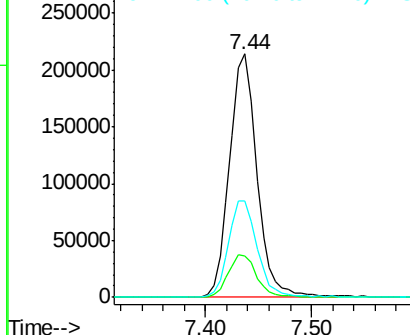
20170664-A-C-5

Tot Ion: 99 Resp: 384924

Ion	Ratio	Lower	Upper
99	100		
42	17.2	20.5	30.7#
71	39.6	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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. 0.00 min

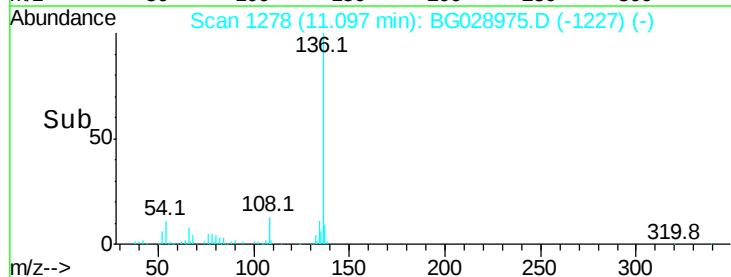
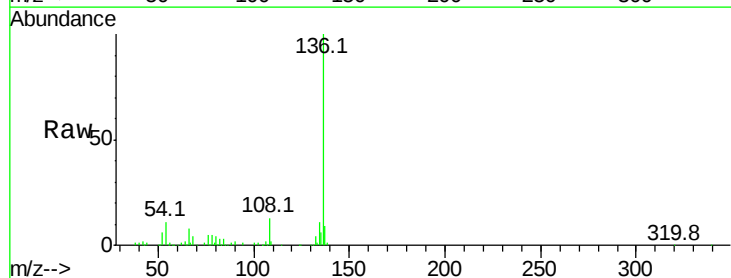
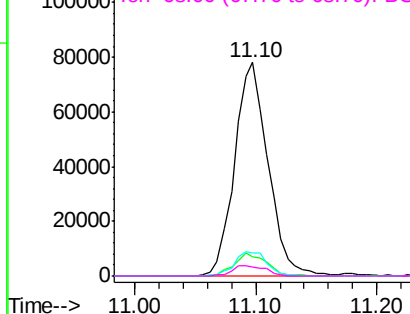
Lab File: BG028975.D

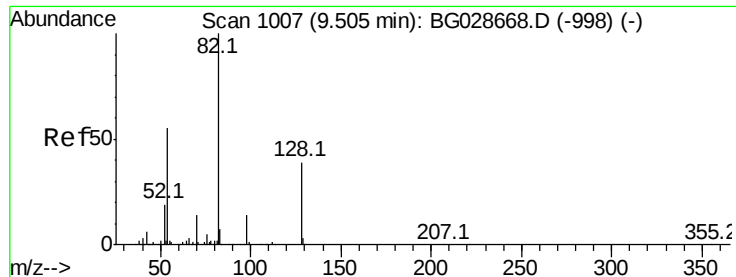
Acq: 29 Sep 2017 18:57

Tgt Ion: 136 Resp: 150479

Ion	Ratio	Lower	Upper
136	100		
137	9.0	8.9	13.3
54	10.9	9.3	13.9
68	3.9	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

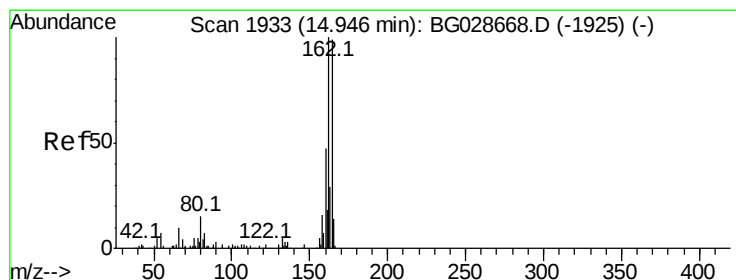
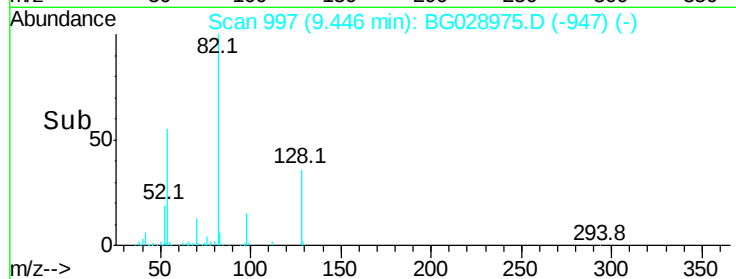
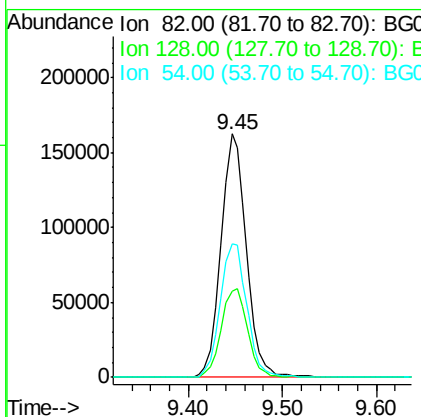
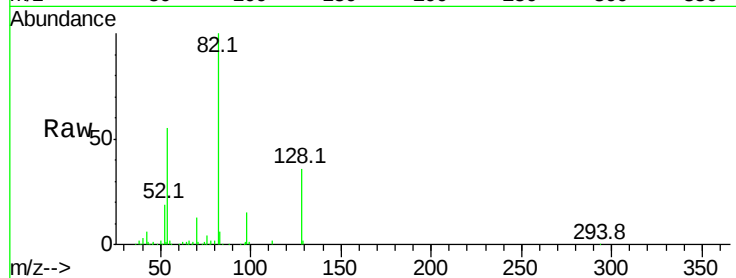




#23
Nitrobenzene-d5
Concen: 97.119 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG028975.D
Acq: 29 Sep 2017 18:57

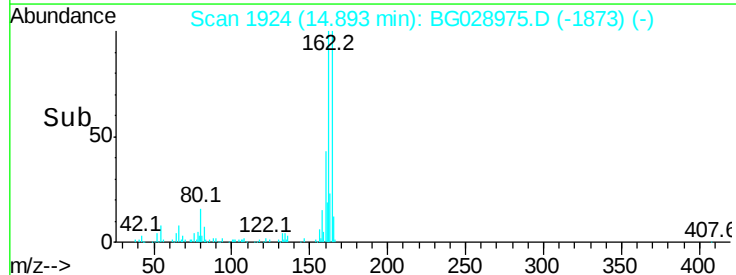
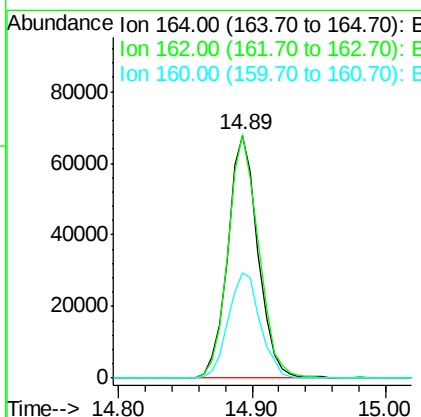
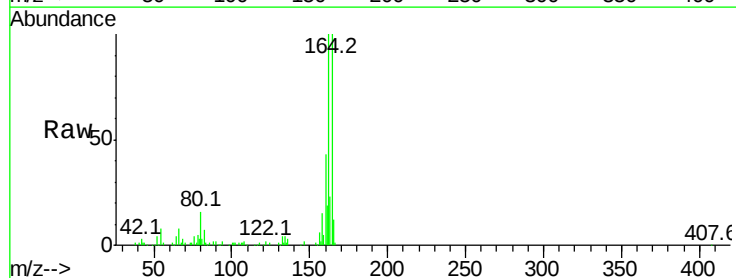
Instrument :
BNA_G
ClientSampleId :
20170664-A-C-5

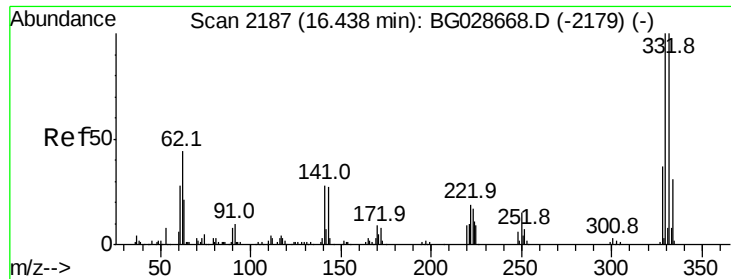
Tot Ion	82	Resp	305500
Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.4	39.6
54	54.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BG028975.D
Acq: 29 Sep 2017 18:57

Tgt Ion	164	Resp	106823
Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.1	127.7
160	43.2	34.7	52.1

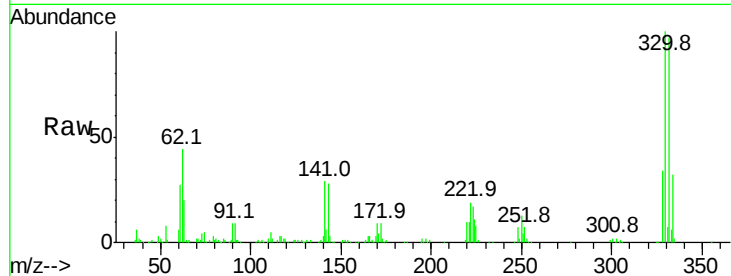




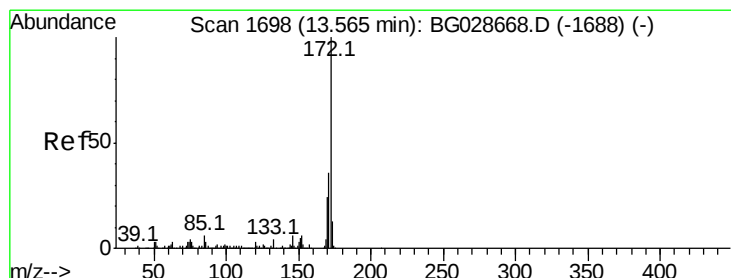
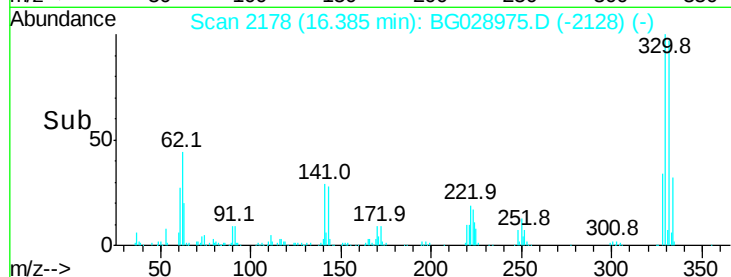
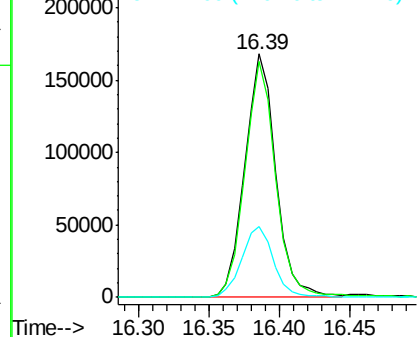
#41
 2,4,6-Tribromophenol
 Concen: 146.256 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG028975.D
 Acq: 29 Sep 2017 18:57

Instrument :
 BNA_G
 ClientSampleId :
 20170664-A-C-5

Tot Ion:330 Resp: 258404
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 30.1 32.1 48.1#

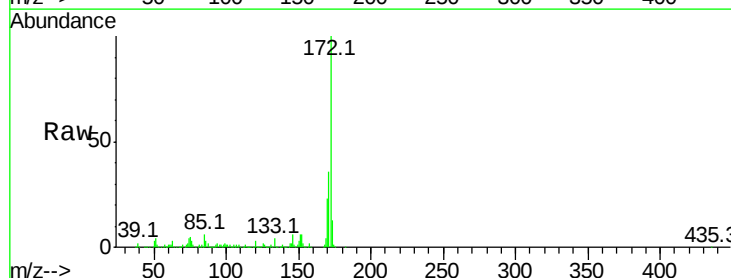


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

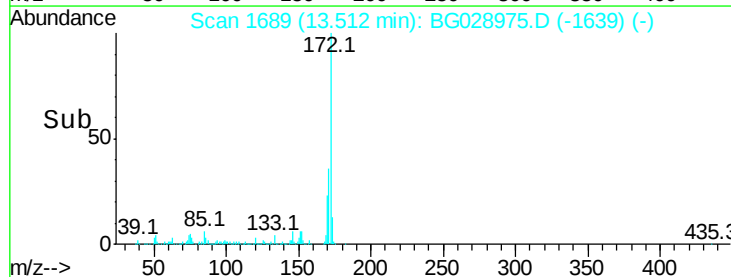
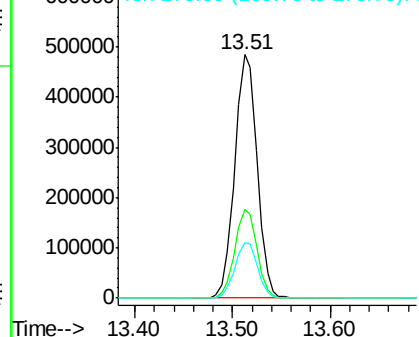


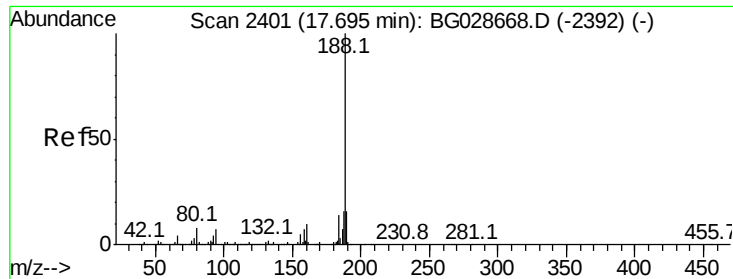
#44
 2-Fluorobiphenyl
 Concen: 96.096 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG028975.D
 Acq: 29 Sep 2017 18:57

Tgt Ion:172 Resp: 769841
 Ion Ratio Lower Upper
 172 100
 171 36.4 32.2 48.2
 170 23.0 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

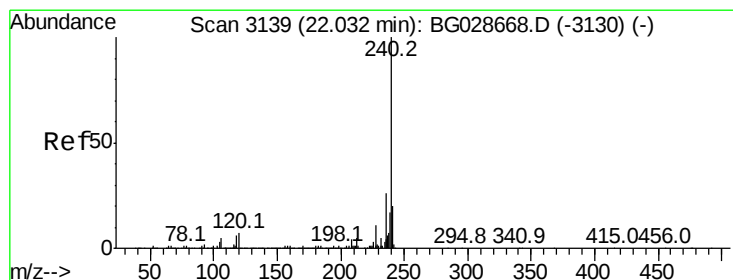
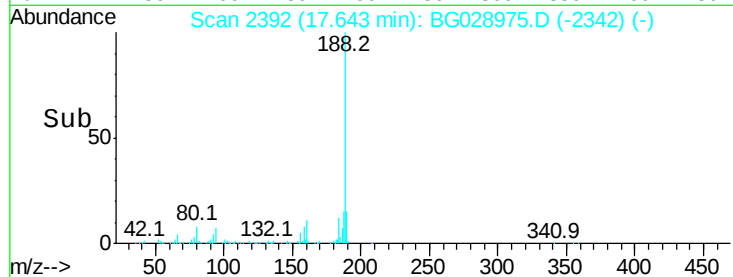
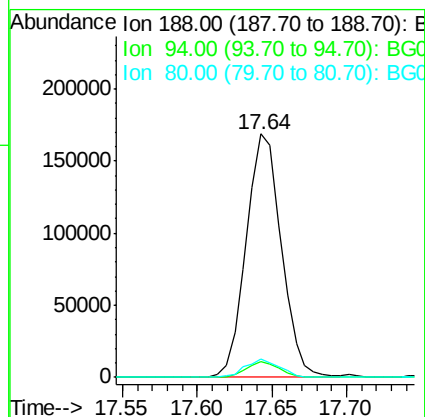
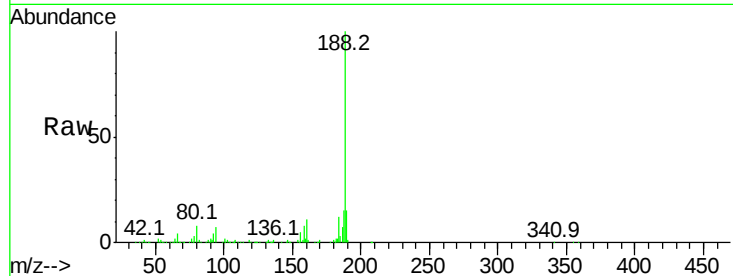




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BG028975.D
Acq: 29 Sep 2017 18:57

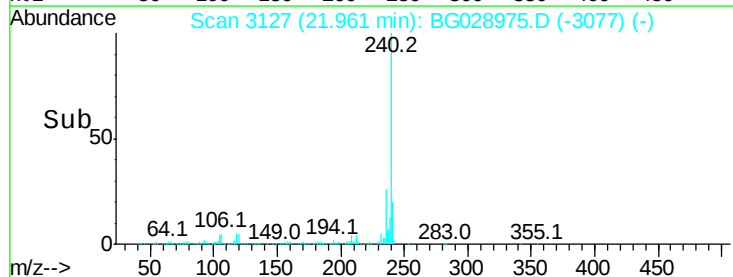
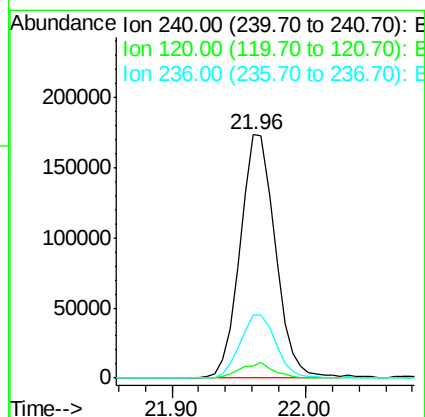
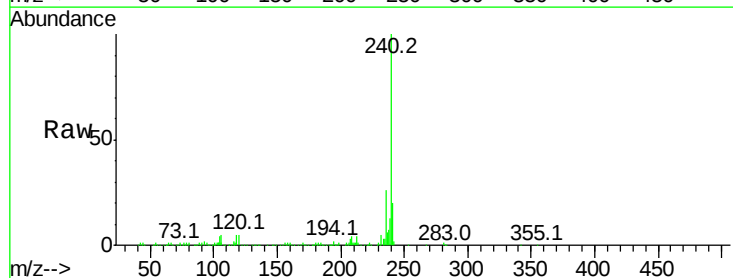
Instrument :
BNA_G
ClientSampleId :
20170664-A-C-5

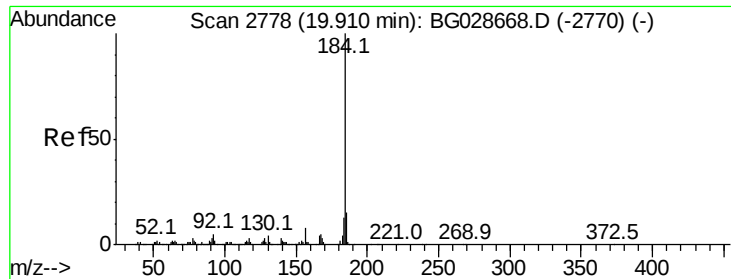
Tot Ion:188 Resp: 274768
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG028975.D
Acq: 29 Sep 2017 18:57

Tgt Ion:240 Resp: 316832
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 25.9 22.2 33.4





#76

Benzidine

Concen: 4.143 ng

RT: 19.87 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BG028975.D

Acq: 29 Sep 2017 18:57

Instrument :

BNA_G

ClientSampleId :

20170664-A-C-5

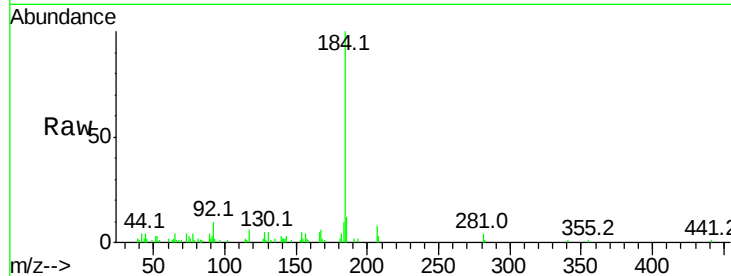
Tot Ion:184 Resp: 34037

Ion Ratio Lower Upper

184 100

185 11.5 13.0 19.6#

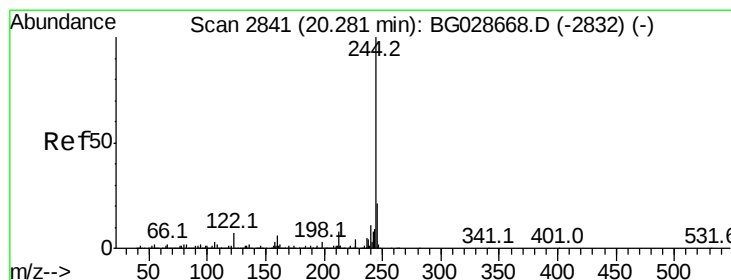
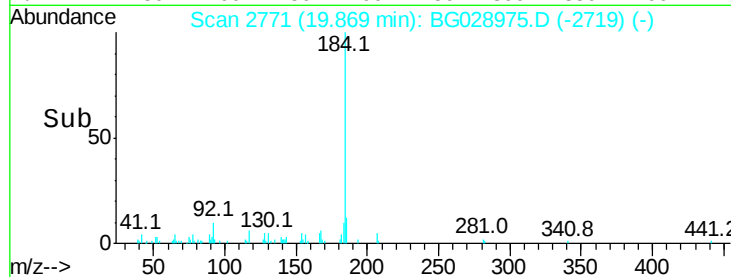
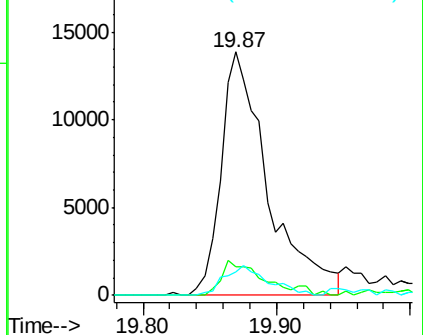
183 9.8 11.0 16.6#



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: 99.598 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028975.D

Acq: 29 Sep 2017 18:57

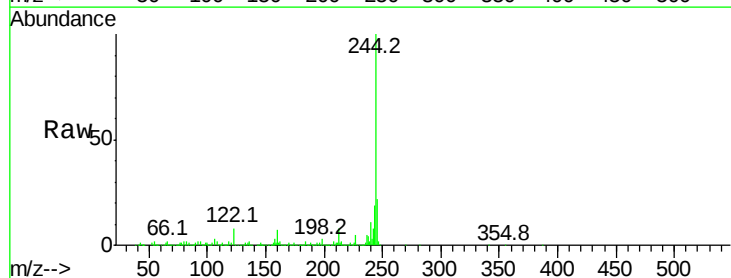
Tgt Ion:244 Resp: 1479710

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

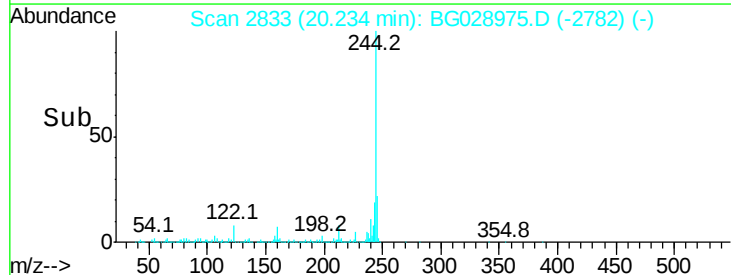
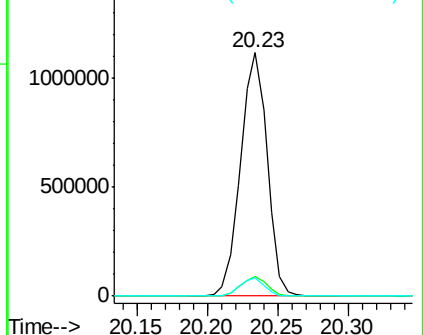
122 7.6 8.6 12.8#

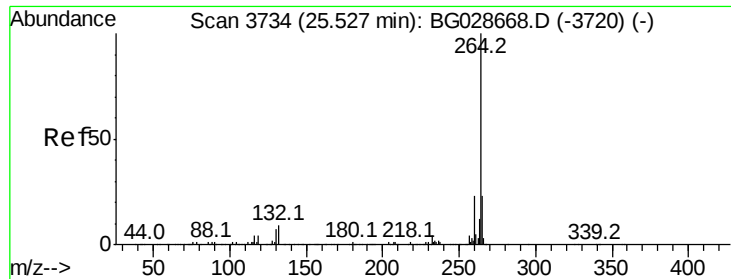


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

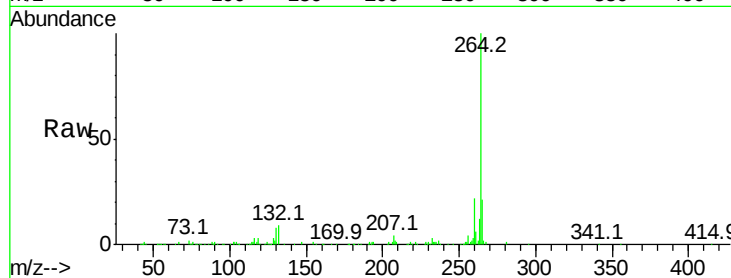




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.42 min Scan# 3715
 Delta R.T. 0.00 min
 Lab File: BG028975.D
 Acq: 29 Sep 2017 18:57

Instrument :
 BNA_G
 ClientSampleId :
 20170664-A-C-5

Tot Ion:	264	Resp:	325596
Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	21.2	18.2	27.4



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

