

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028806.D
 Acq On : 18 Sep 2017 22:19
 Operator : SJ/JU
 Sample : I5259-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 01:14:17 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

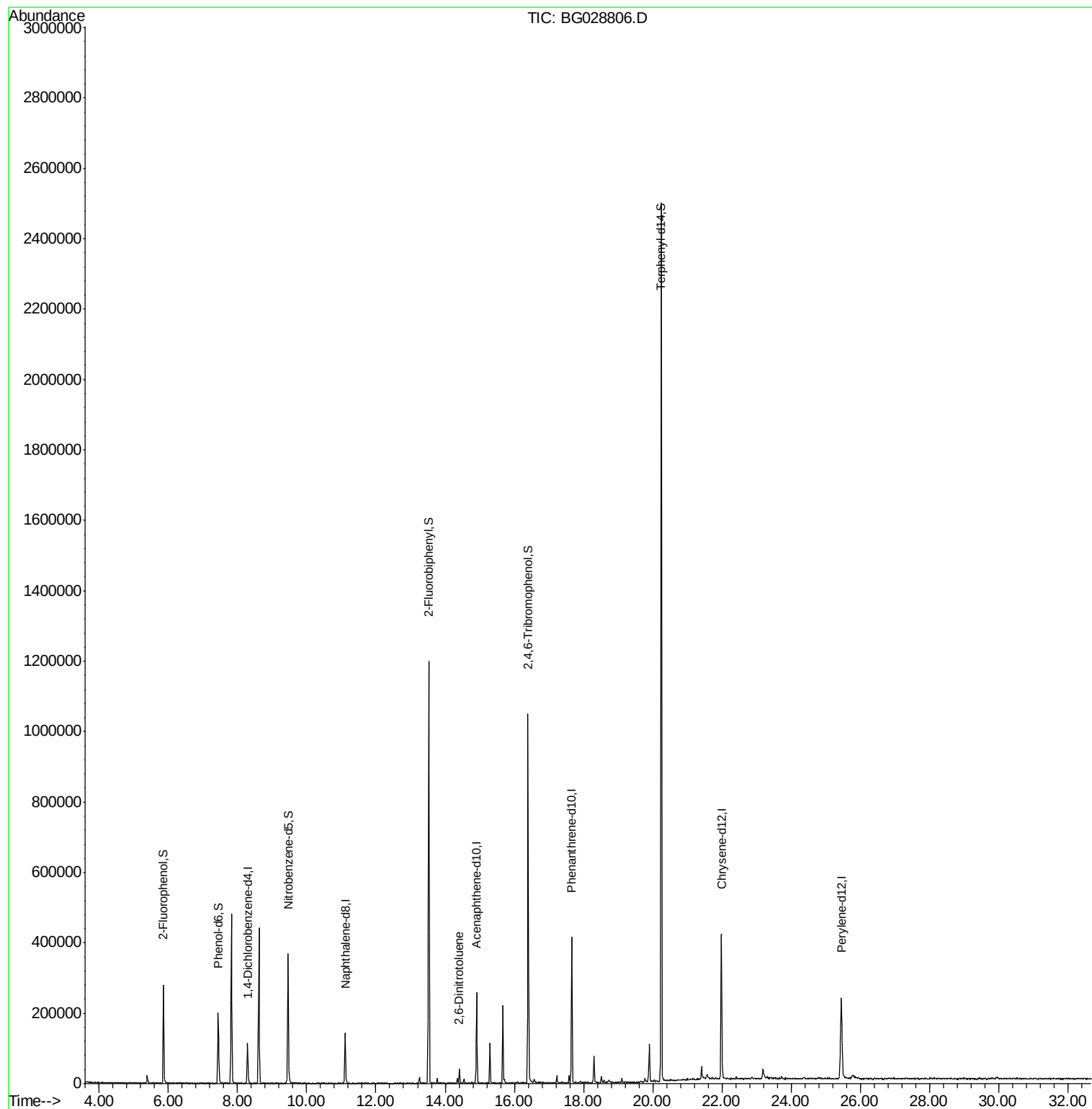
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30735	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	127772	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	95351	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	267262	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	298092	20.00	ng	-0.05
86) Perylene-d12	25.45	264	307848	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	118078	63.39	ng	-0.05
7) Phenol-d6	7.44	99	122756	43.77	ng	-0.05
23) Nitrobenzene-d5	9.46	82	240702	90.12	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	235839	149.54	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	649840	90.88	ng	-0.04
78) Terphenyl-d14	20.24	244	1196942	85.63	ng	-0.04
Target Compounds						
50) 2,6-Dinitrotoluene	14.41	165	6828	3.84	ng	Qvalue # 14

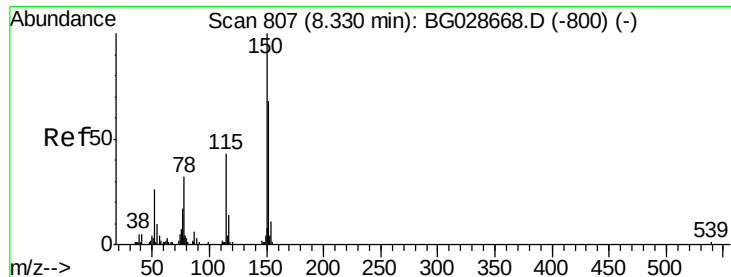
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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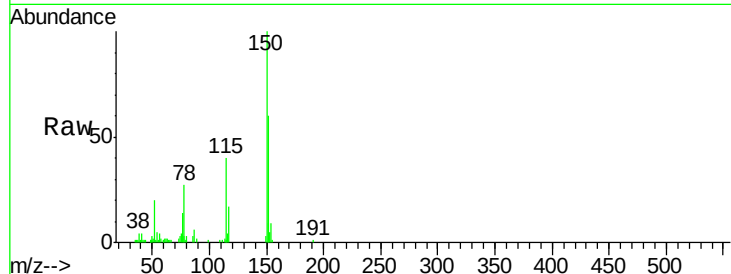


#1

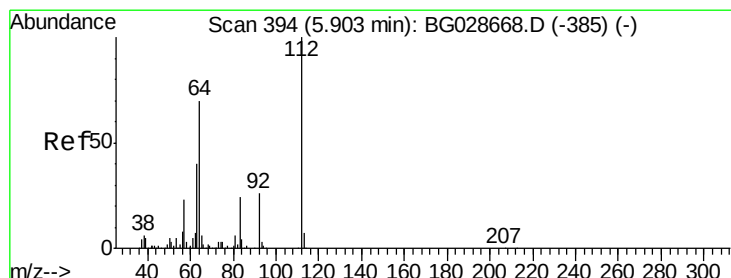
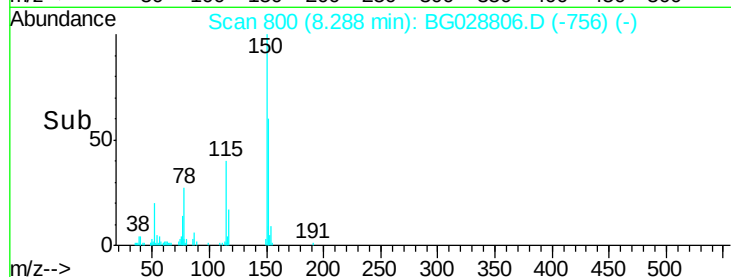
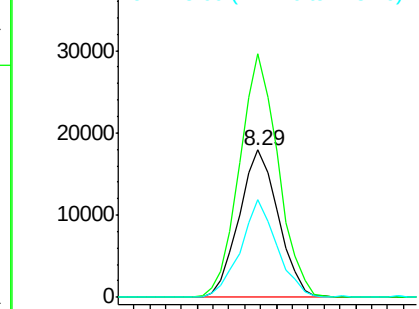
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028806.D
Acq: 18 Sep 2017 22:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.4	114.0	171.0
115	66.0	48.1	72.1



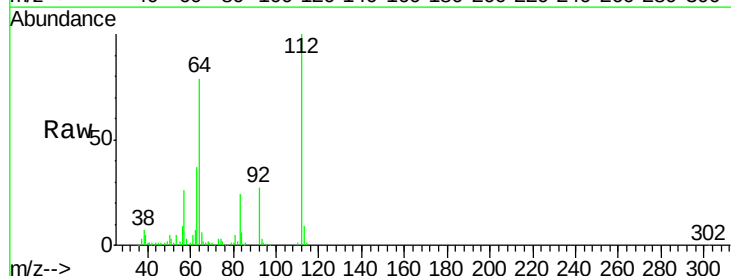
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



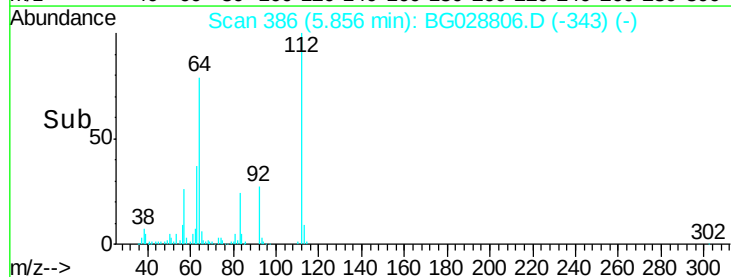
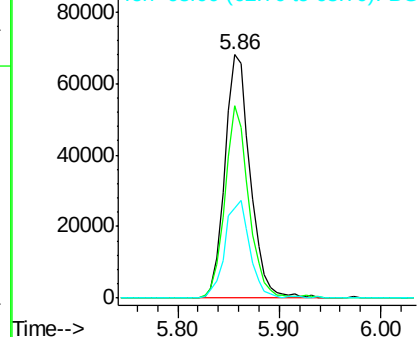
#5

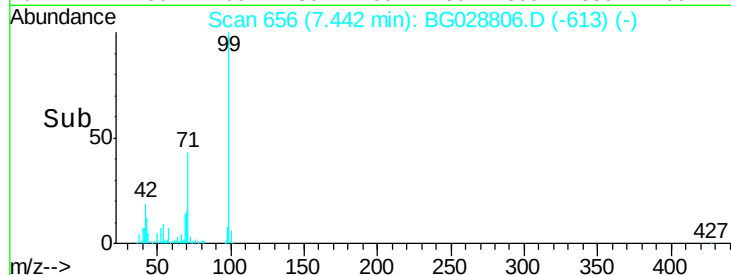
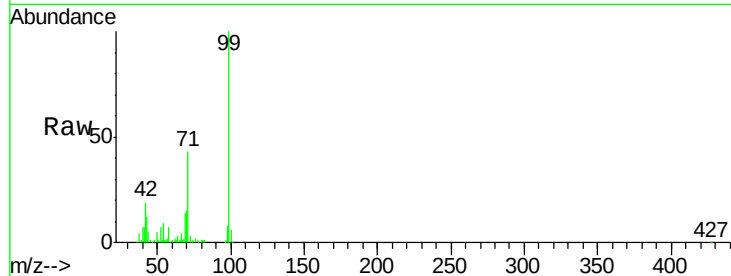
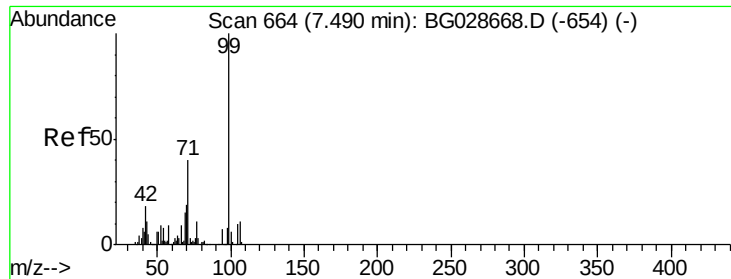
2-Fluorophenol
Concen: 63.39 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028806.D
Acq: 18 Sep 2017 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.1	61.8	92.6
63	37.1	37.2	55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.77 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Instrument :

BNA_G

ClientSampleId :

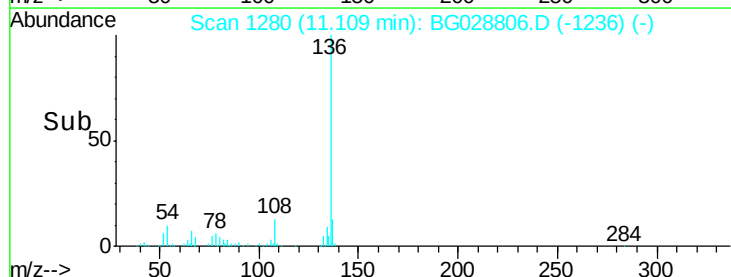
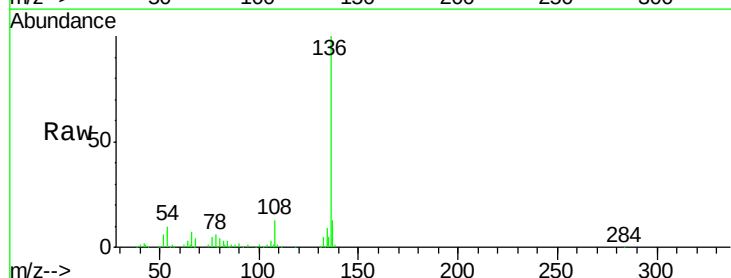
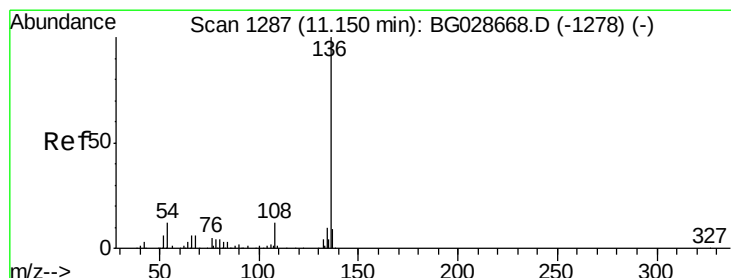
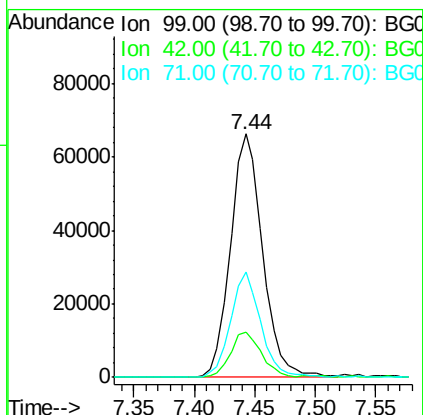
Tot Ion: 99 Resp: 122756

Ion Ratio Lower Upper

99 100

42 18.6 20.5 30.7#

71 43.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Tgt Ion: 136 Resp: 127772

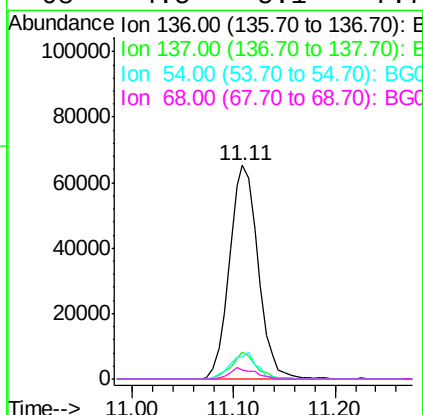
Ion Ratio Lower Upper

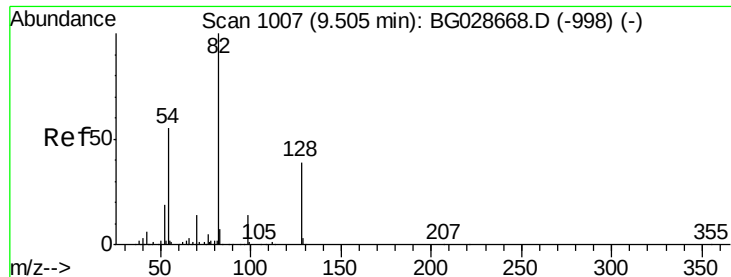
136 100

137 12.6 8.9 13.3

54 10.3 9.3 13.9

68 4.5 5.1 7.7#

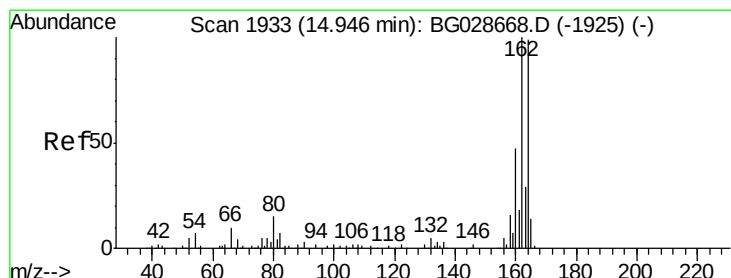
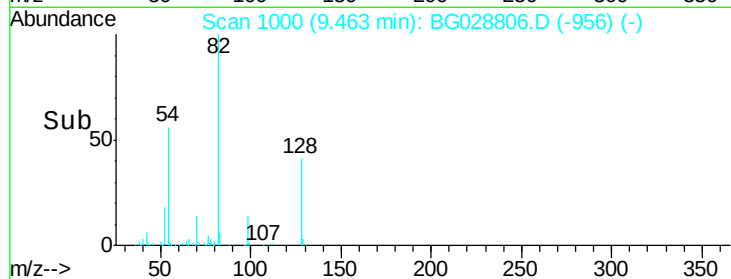
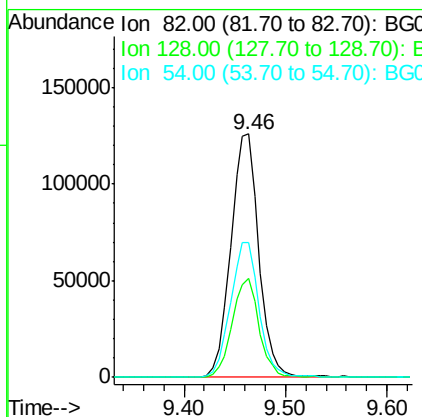
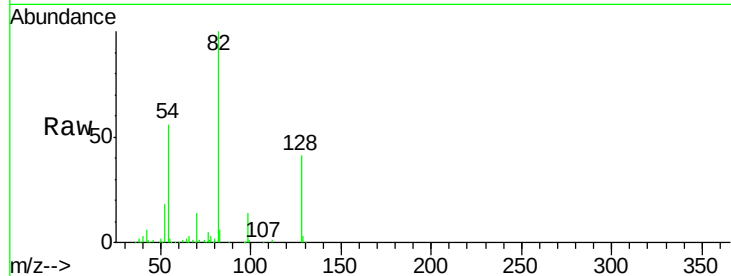




#23
 Nitrobenzene-d5
 Concen: 90.12 ng
 RT: 9.46 min Scan# 1000
 Delta R.T. -0.04 min
 Lab File: BG028806.D
 Acq: 18 Sep 2017 22:19

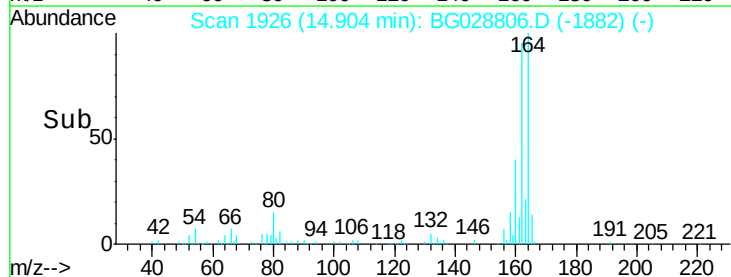
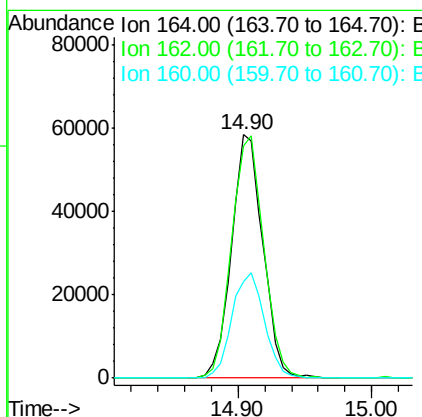
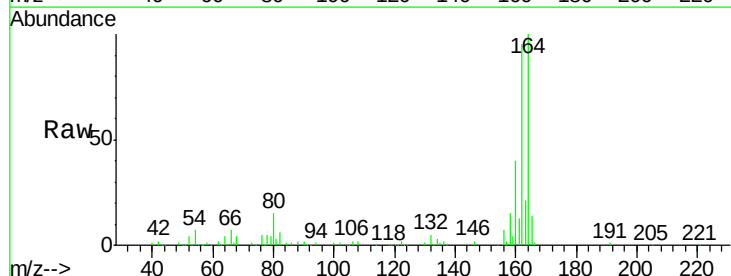
Instrument :
 BNA_G
 ClientSampleId :

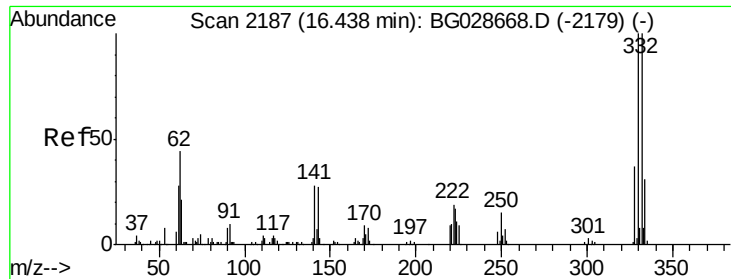
Tot Ion	82	Resp	240702
Ion	Ratio	Lower	Upper
82	100		
128	40.7	26.4	39.6
54	55.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028806.D
 Acq: 18 Sep 2017 22:19

Tgt Ion	164	Resp	95351
Ion	Ratio	Lower	Upper
164	100		
162	95.4	85.1	127.7
160	39.7	34.7	52.1

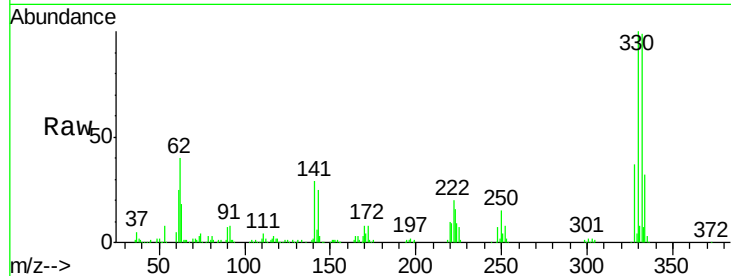




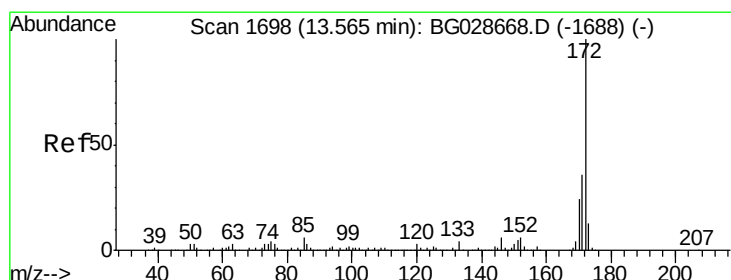
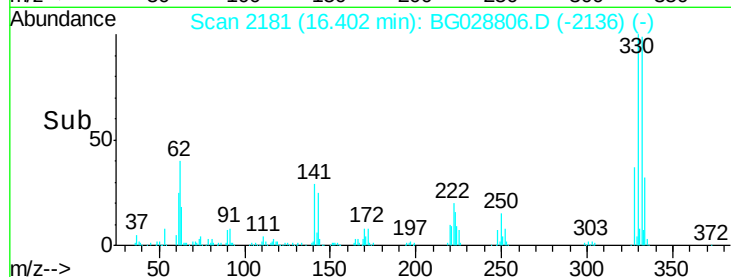
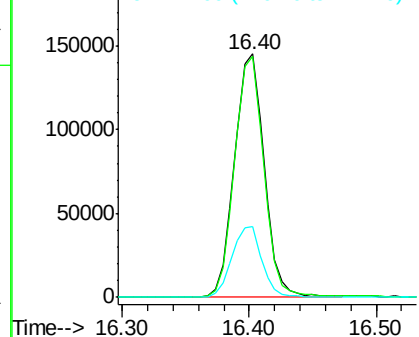
#41
 2,4,6-Tribromophenol
 Concen: 149.54 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028806.D
 Acq: 18 Sep 2017 22:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	29.3	32.1	48.1#

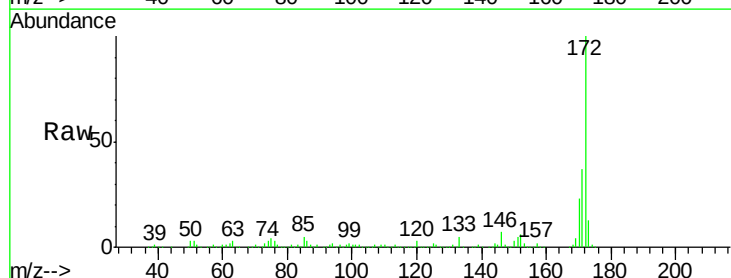


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

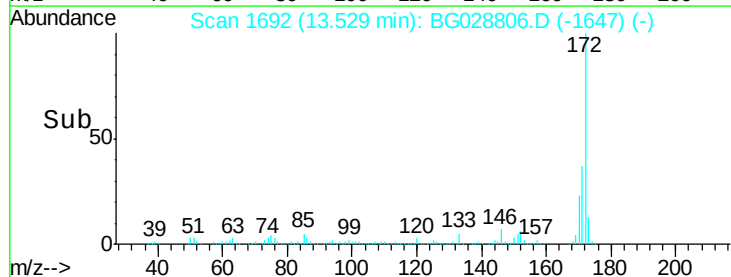
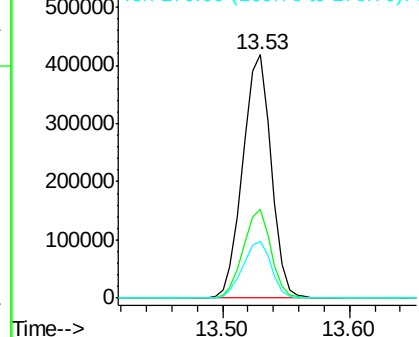


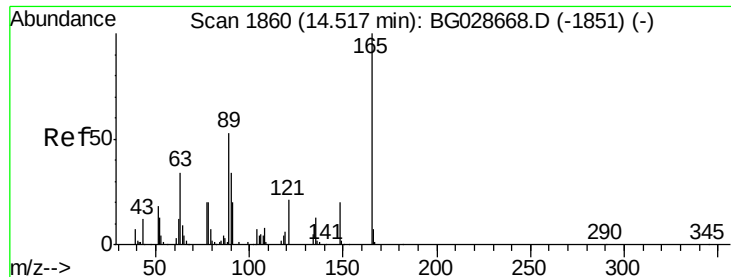
#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028806.D
 Acq: 18 Sep 2017 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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

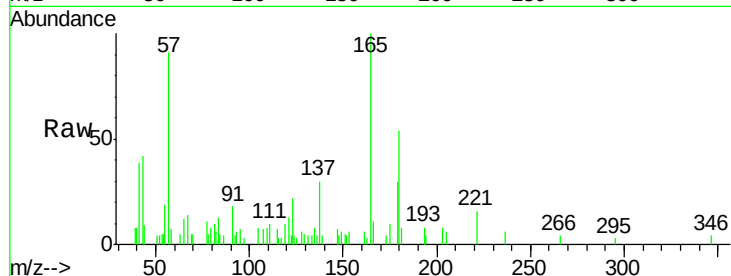




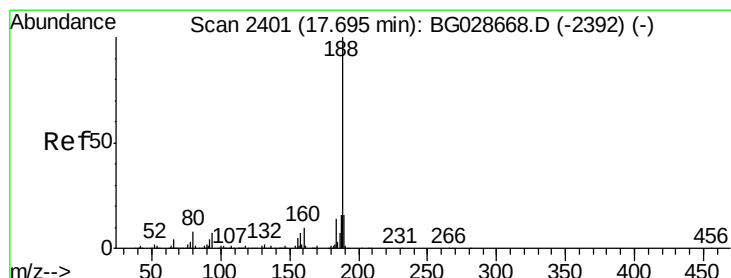
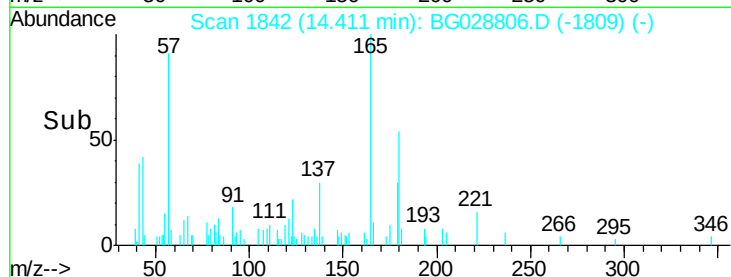
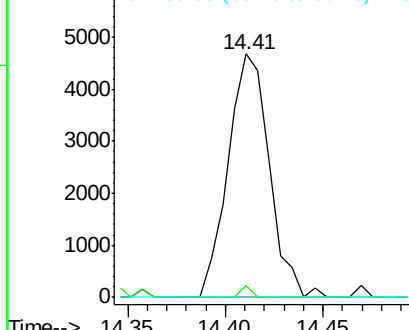
#50
2,6-Dinitrotoluene
Concen: 3.84 ng
RT: 14.41 min Scan# 1842
Delta R.T. -0.11 min
Lab File: BG028806.D
Acq: 18 Sep 2017 22:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 6828
Ion Ratio Lower Upper
165 100
63 4.9 63.9 95.9#
89 0.0 58.6 88.0#

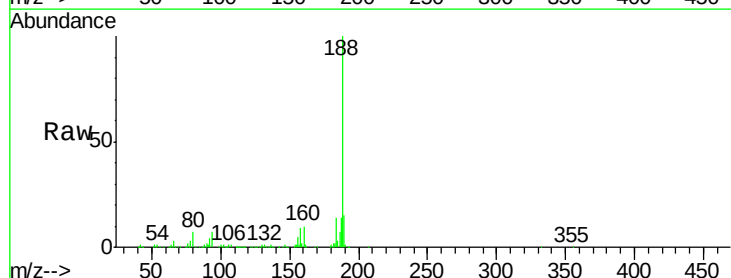


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

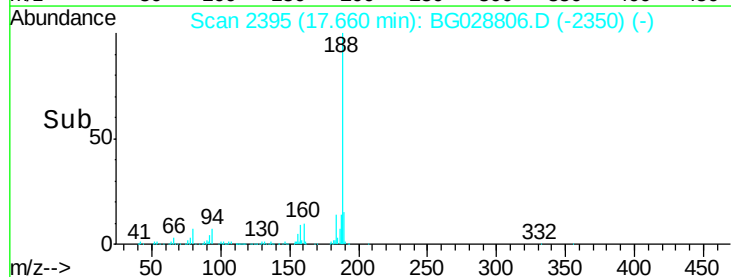
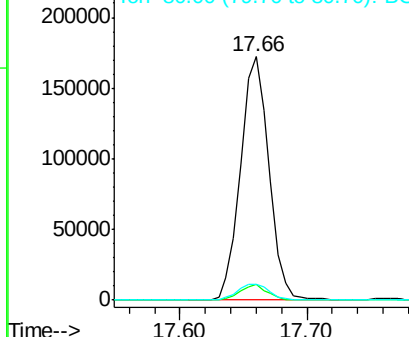


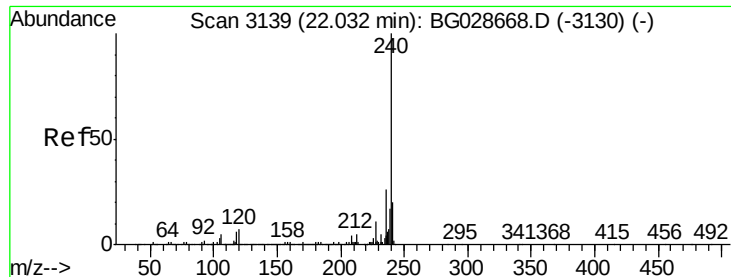
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028806.D
Acq: 18 Sep 2017 22:19

Tgt Ion:188 Resp: 267262
Ion Ratio Lower Upper
188 100
94 6.6 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): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.05 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Instrument :

BNA_G

ClientSampleId :

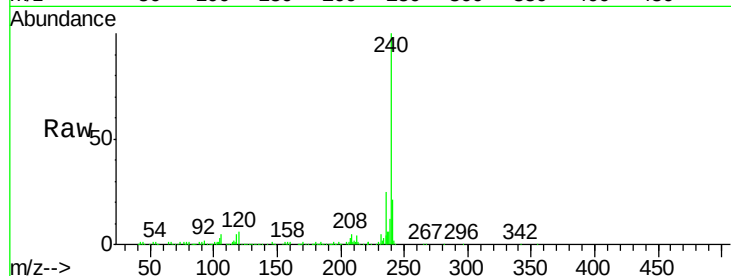
Tot Ion:240 Resp: 298092

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

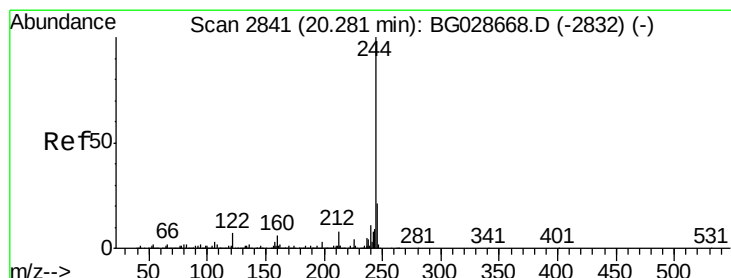
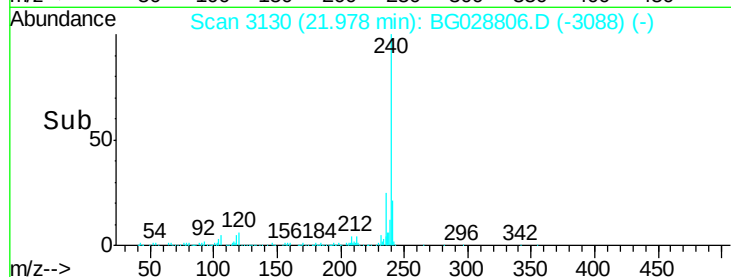
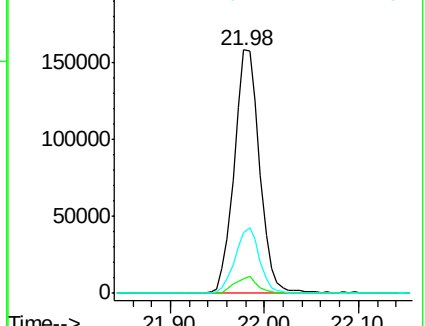
236 24.9 22.2 33.4



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



#78

Terphenyl-d14

Concen: 85.63 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

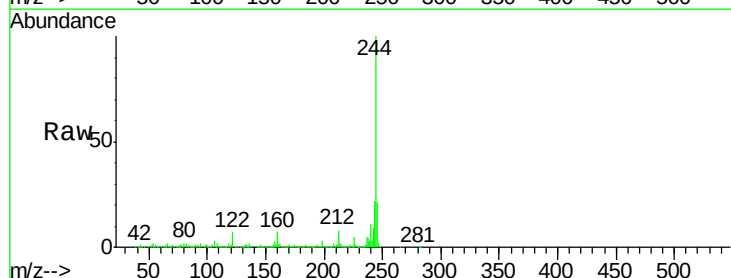
Tgt Ion:244 Resp: 1196942

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

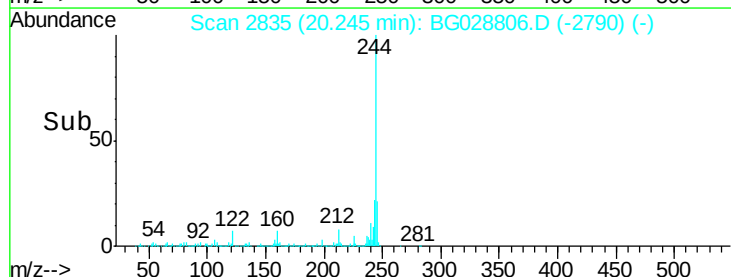
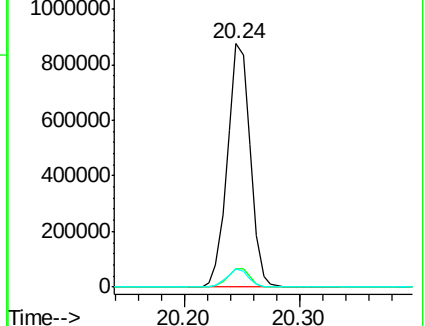
122 7.3 8.6 12.8#

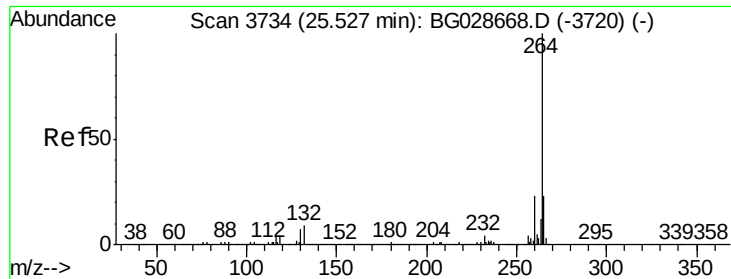


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.08 min
Lab File: BG028806.D
Acq: 18 Sep 2017 22:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.8	18.2	27.4

