

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028818.D
 Acq On : 19 Sep 2017 6:21
 Operator : SJ/JU
 Sample : I5265-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 07:55:51 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

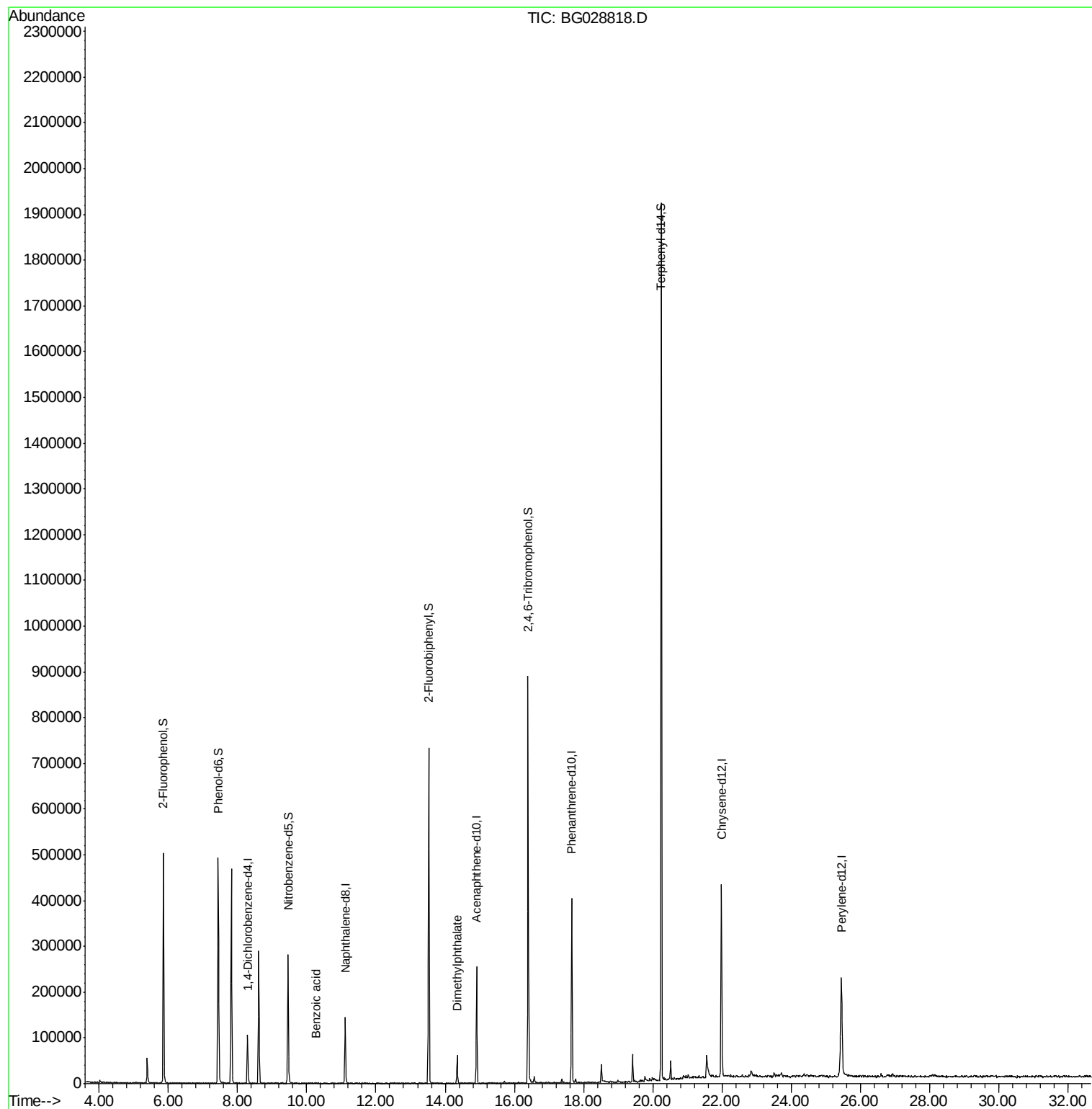
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27883	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	119490	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	92108	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	262149	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	285132	20.00	ng	-0.05
86) Perylene-d12	25.45	264	299523	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	214365	126.86	ng	-0.05
7) Phenol-d6	7.44	99	302930	119.06	ng	-0.05
23) Nitrobenzene-d5	9.46	82	180722	72.35	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	193622	127.10	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	408816	59.18	ng	-0.04
78) Terphenyl-d14	20.24	244	921011	68.88	ng	-0.04
Target Compounds						Qvalue
32) Benzoic acid	10.26	122	64	6.12	ng	# 1
49) Dimethylphthalate	14.35	163	45667	5.91	ng	# 95

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

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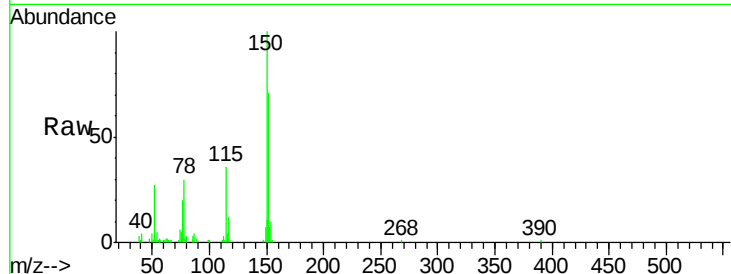


#1

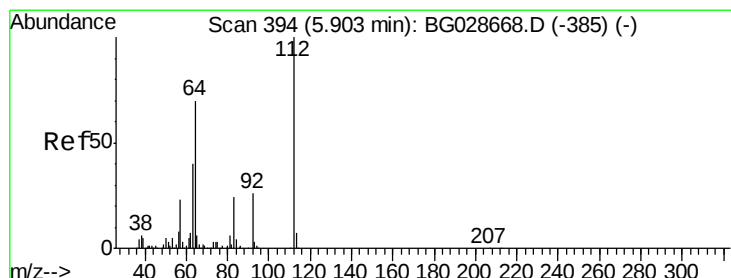
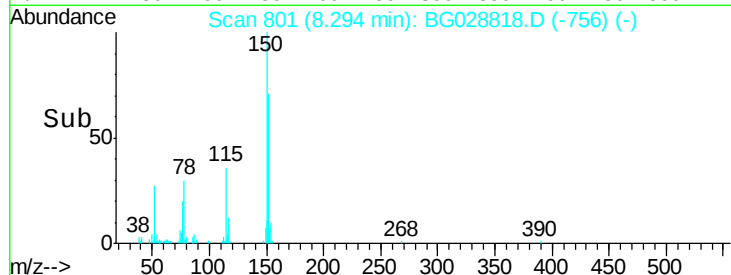
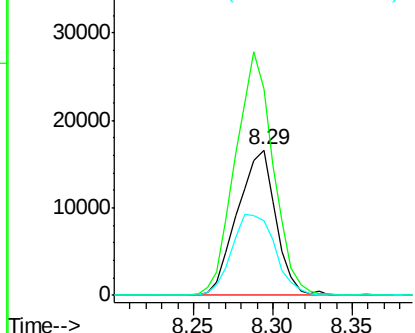
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 801
Delta R.T. -0.04 min
Lab File: BG028818.D
Acq: 19 Sep 2017 6:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	114.0	171.0
115	51.5	48.1	72.1



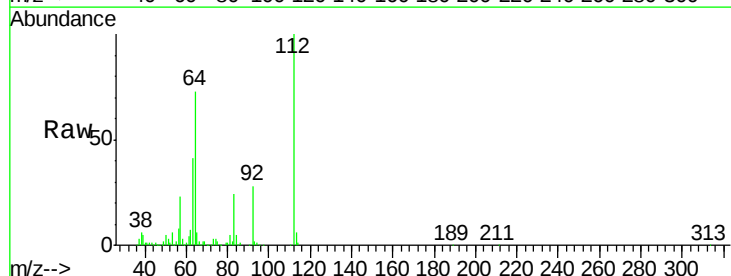
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



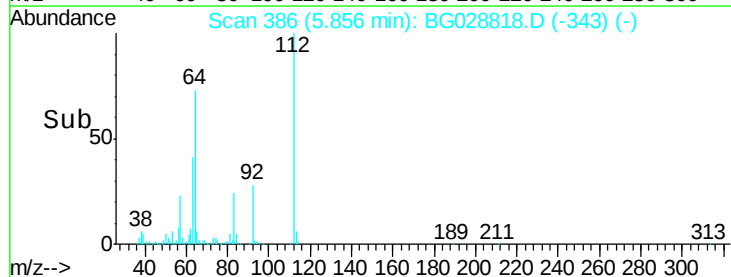
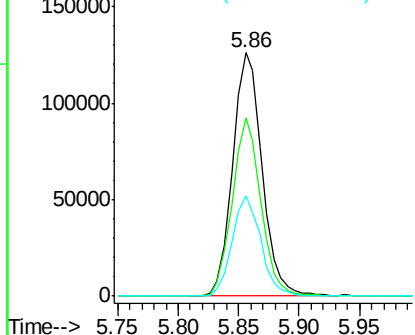
#5

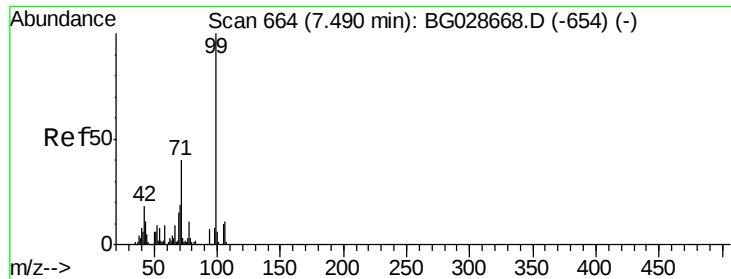
2-Fluorophenol
Concen: 126.86 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028818.D
Acq: 19 Sep 2017 6:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	61.8	92.6
63	41.3	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: 119.06 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028818.D

Acq: 19 Sep 2017 6:21

Instrument :

BNA_G

ClientSampleId :

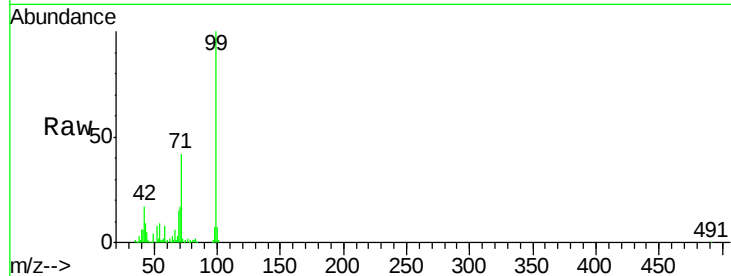
Tot Ion: 99 Resp: 302930

Ion Ratio Lower Upper

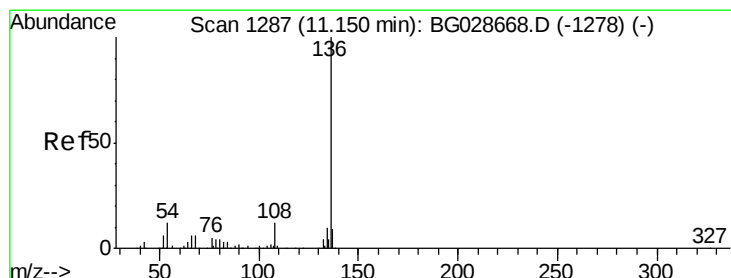
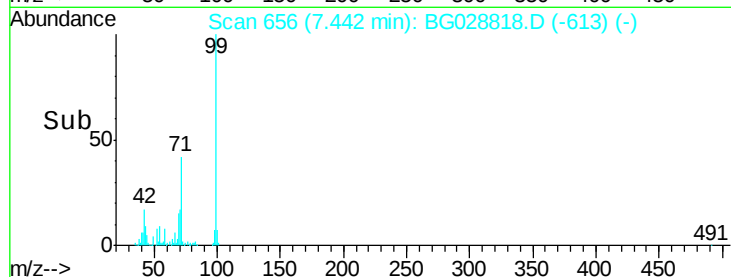
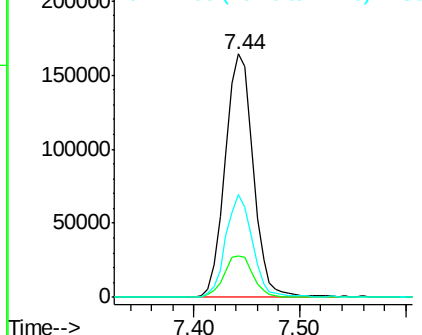
99 100

42 16.8 20.5 30.7#

71 42.2 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: 20.00 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028818.D

Acq: 19 Sep 2017 6:21

Tgt Ion: 136 Resp: 119490

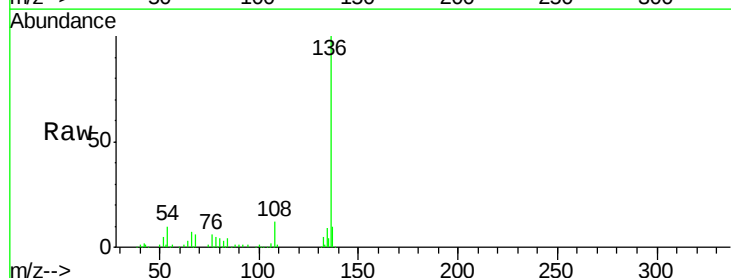
Ion Ratio Lower Upper

136 100

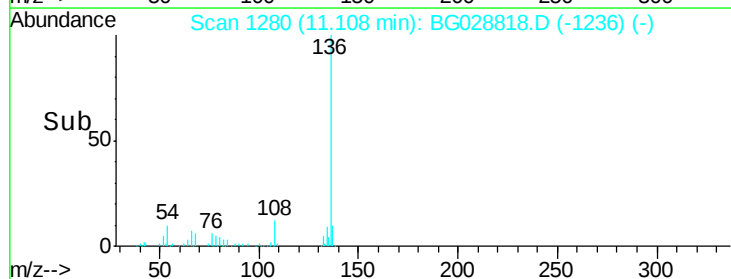
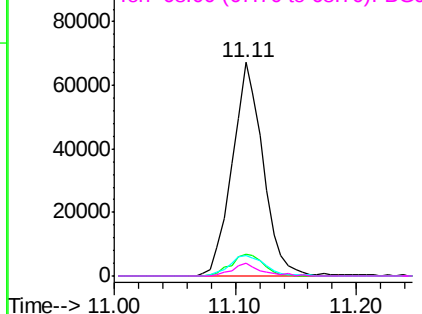
137 10.1 8.9 13.3

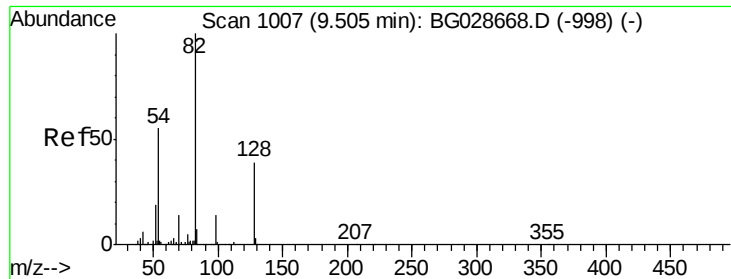
54 9.8 9.3 13.9

68 5.9 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

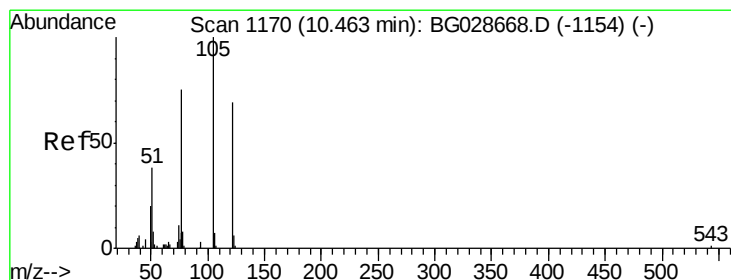
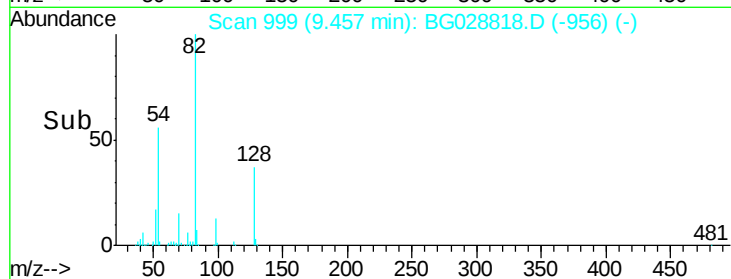
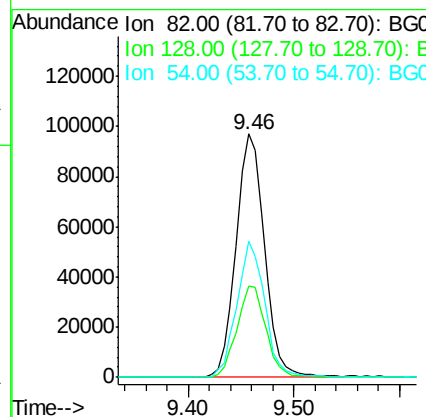
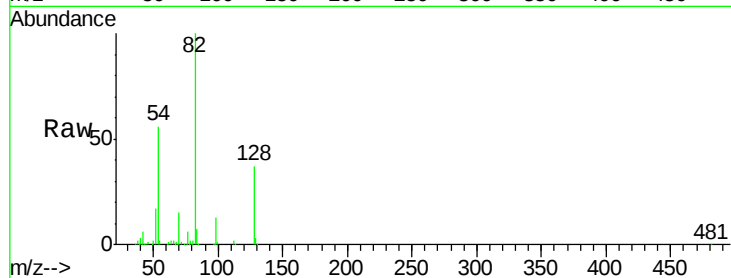




#23
 Nitrobenzene-d5
 Concen: 72.35 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028818.D
 Acq: 19 Sep 2017 6:21

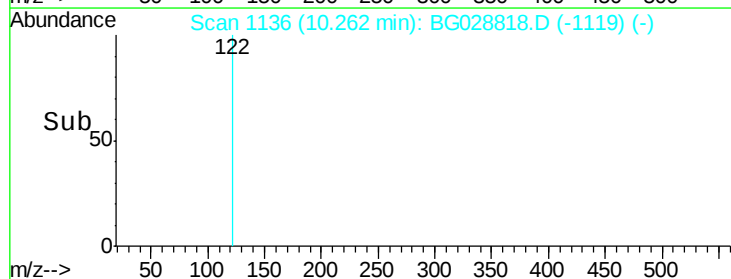
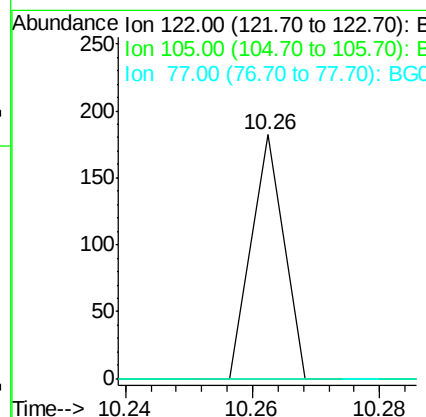
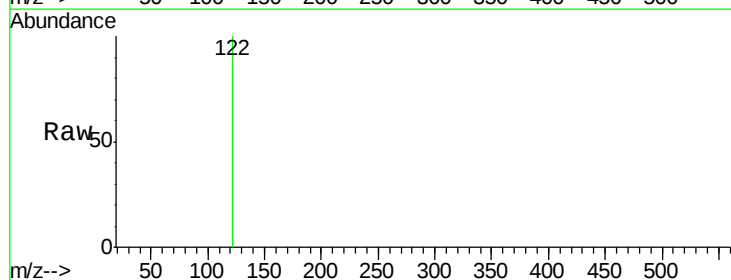
Instrument :
 BNA_G
 ClientSampleId :

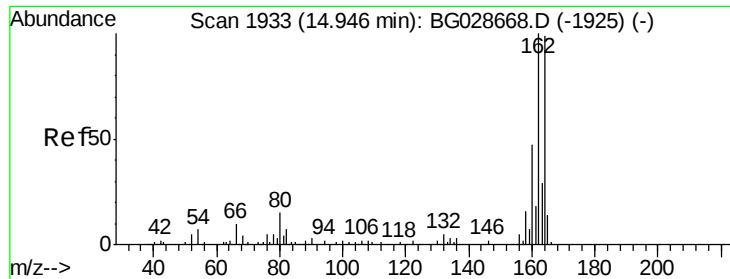
Tot Ion	82	Resp	180722
Ion Ratio	Lower	Upper	
82	100		
128	37.5	26.4	39.6
54	55.9	49.4	74.2



#32
 Benzoic acid
 Concen: 6.12 ng
 RT: 10.26 min Scan# 1136
 Delta R.T. -0.20 min
 Lab File: BG028818.D
 Acq: 19 Sep 2017 6:21

Tgt Ion	122	Resp	64
Ion Ratio	Lower	Upper	
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

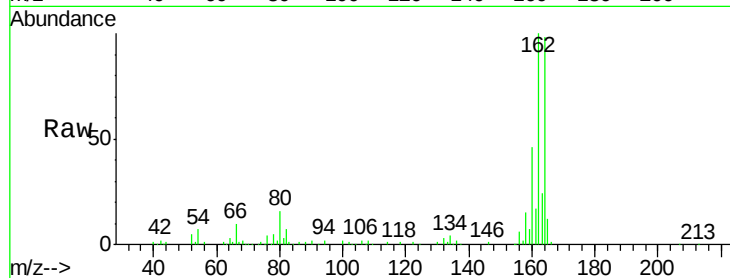




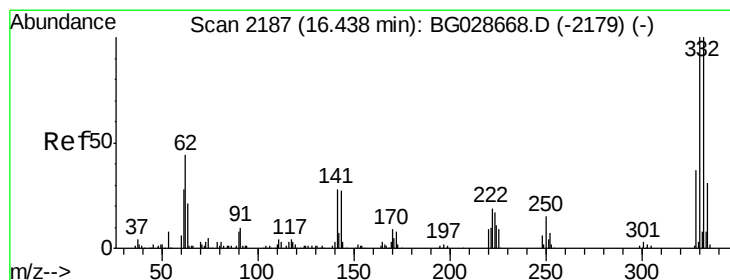
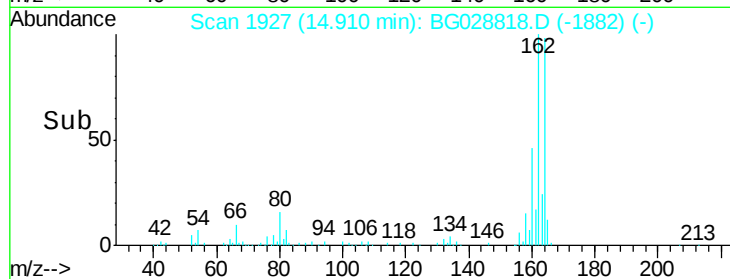
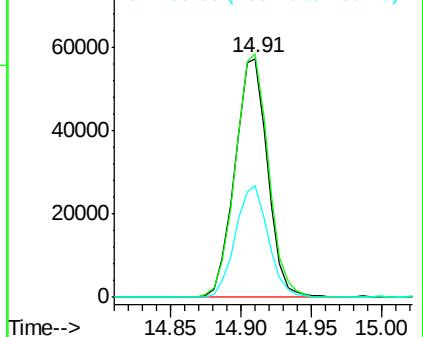
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028818.D
Acq: 19 Sep 2017 6:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	85.1	127.7
160	47.0	34.7	52.1

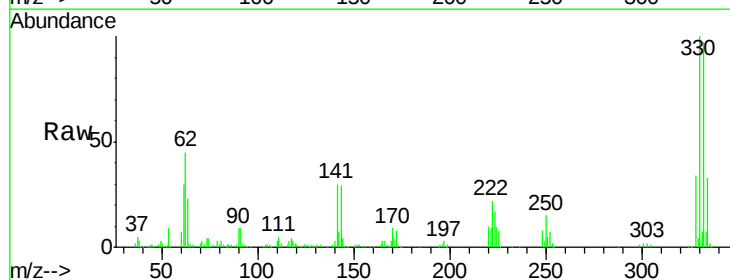


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

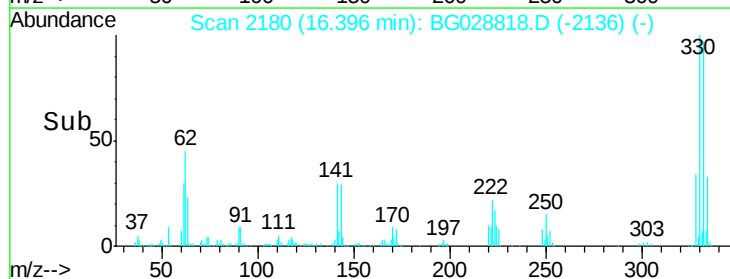
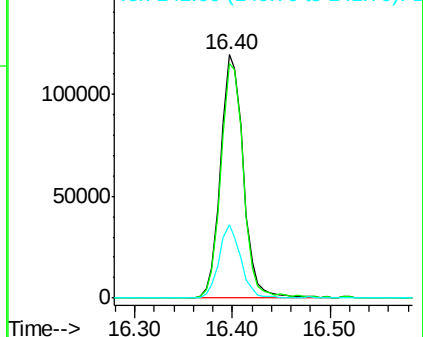


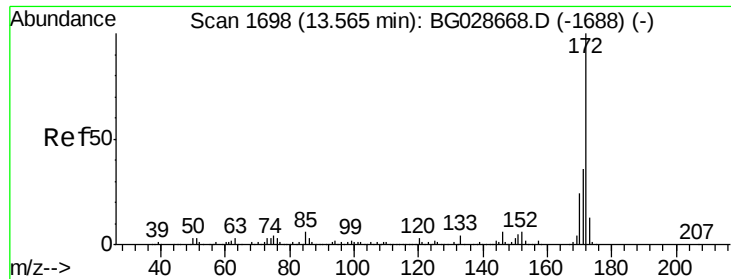
#41
2,4,6-Tribromophenol
Concen: 127.10 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028818.D
Acq: 19 Sep 2017 6:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	28.9	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

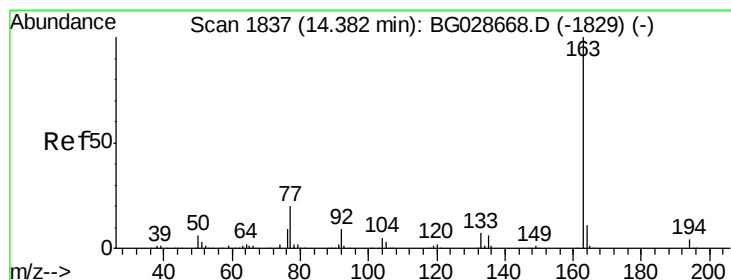
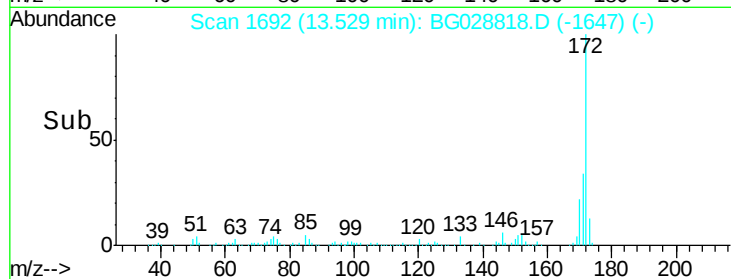
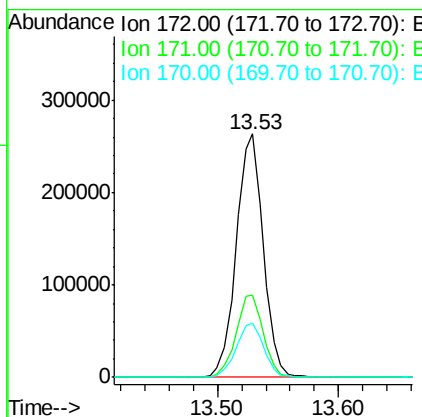
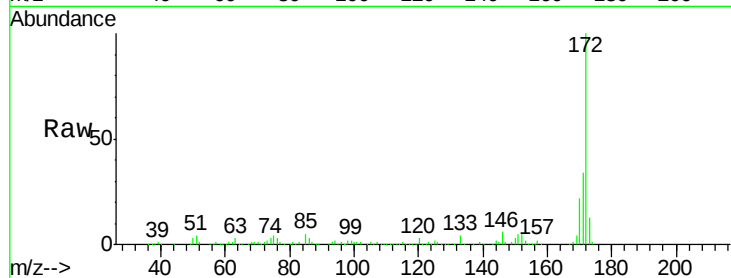




#44
2-Fluorobiphenyl
Concen: 59.18 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028818.D
Acq: 19 Sep 2017 6:21

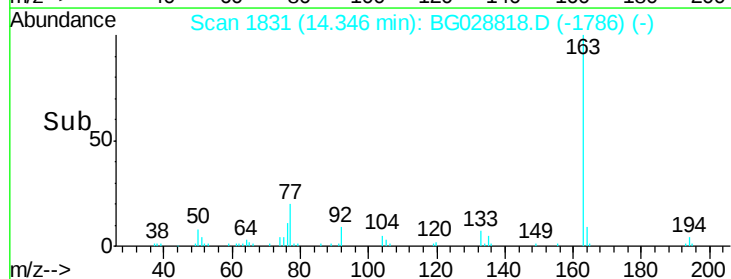
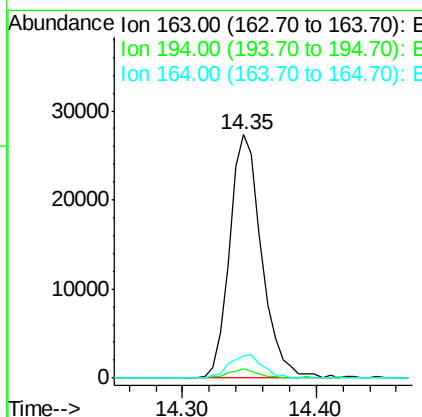
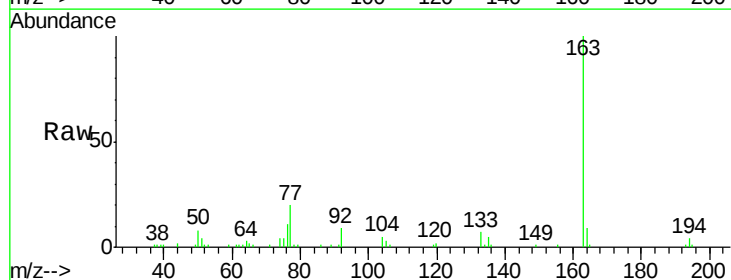
Instrument :
BNA_G
ClientSampleId :

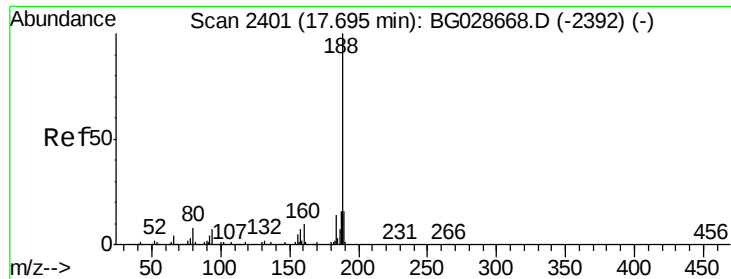
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	32.2	48.2
170	22.0	21.8	32.6



#49
Dimethylphthalate
Concen: 5.91 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BG028818.D
Acq: 19 Sep 2017 6:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.8	5.6#
164	9.3	9.3	13.9#

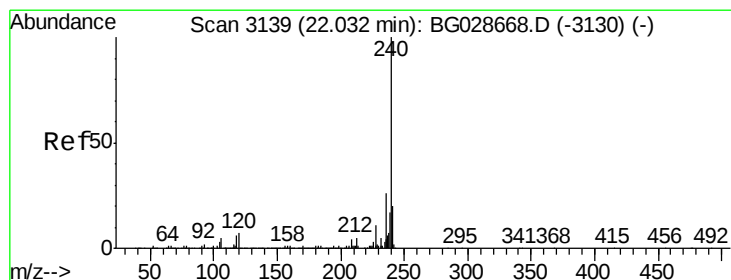
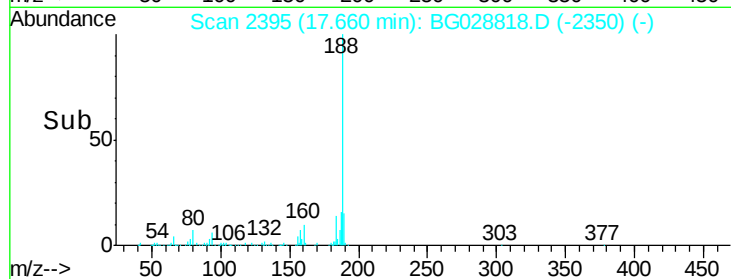
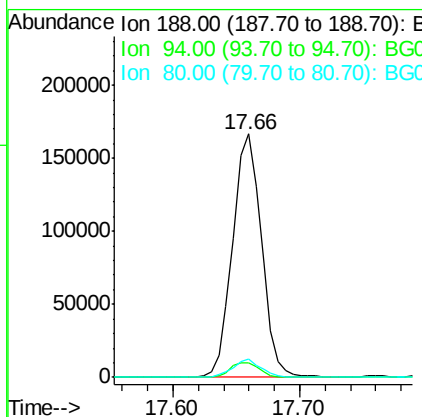
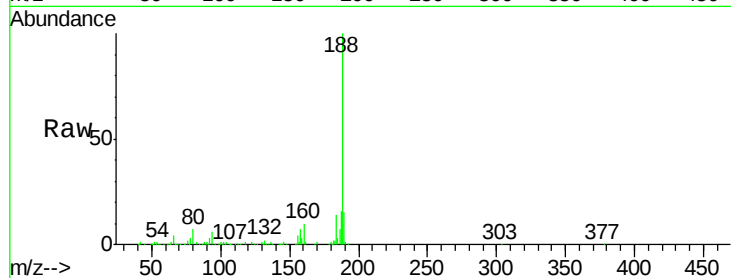




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028818.D
Acq: 19 Sep 2017 6:21

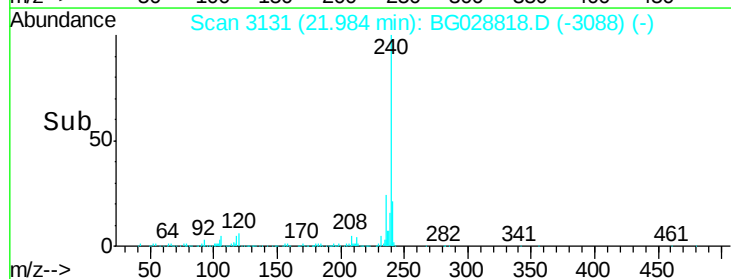
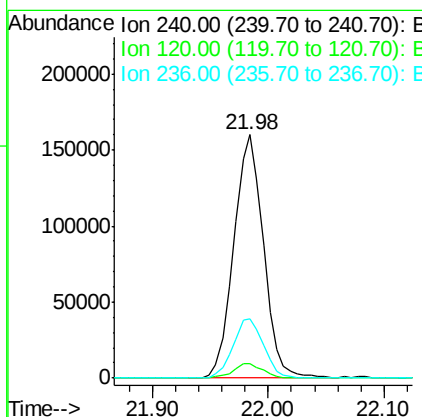
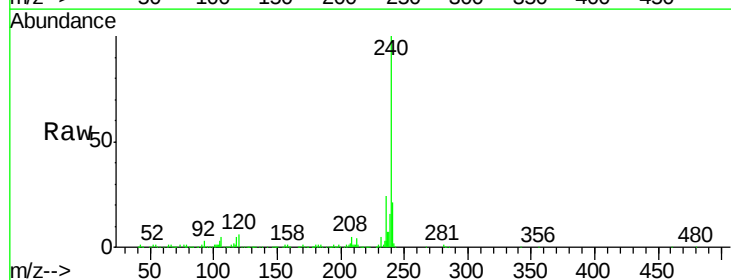
Instrument :
BNA_G
ClientSampleId :

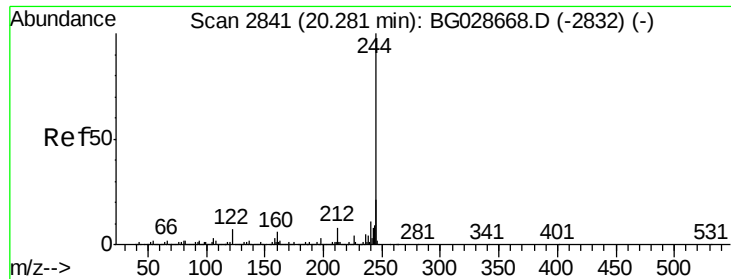
Tot Ion:188 Resp: 262149
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 7.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028818.D
Acq: 19 Sep 2017 6:21

Tgt Ion:240 Resp: 285132
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 24.4 22.2 33.4





#78

Terphenyl-d14

Concen: 68.88 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028818.D

Acq: 19 Sep 2017 6:21

Instrument :

BNA_G

ClientSampleId :

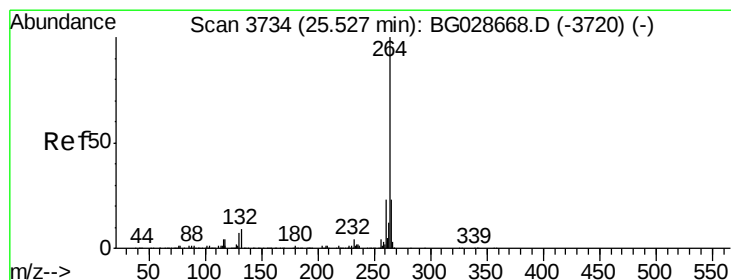
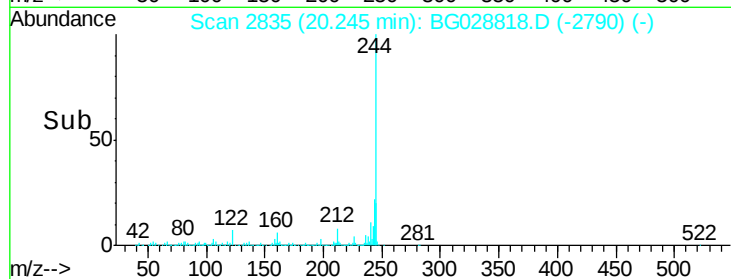
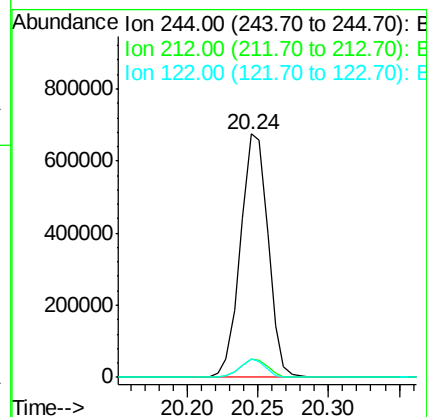
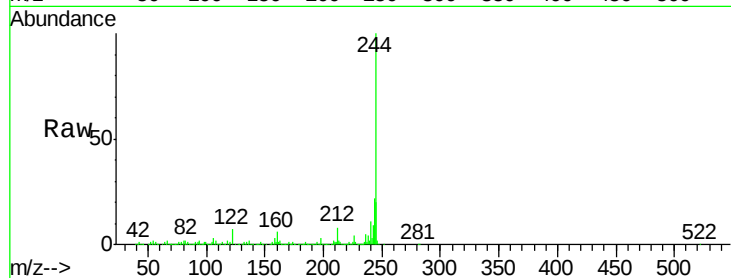
Tot Ion:244 Resp: 921011

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

122 7.3 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028818.D

Acq: 19 Sep 2017 6:21

Tgt Ion:264 Resp: 299523

Ion Ratio Lower Upper

264 100

260 23.0 21.8 32.8

265 22.4 18.2 27.4

