

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029009.D
 Acq On : 3 Oct 2017 17:24
 Operator : SJ/JU
 Sample : I5275-01
 Misc : LOD 1 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:18:32 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

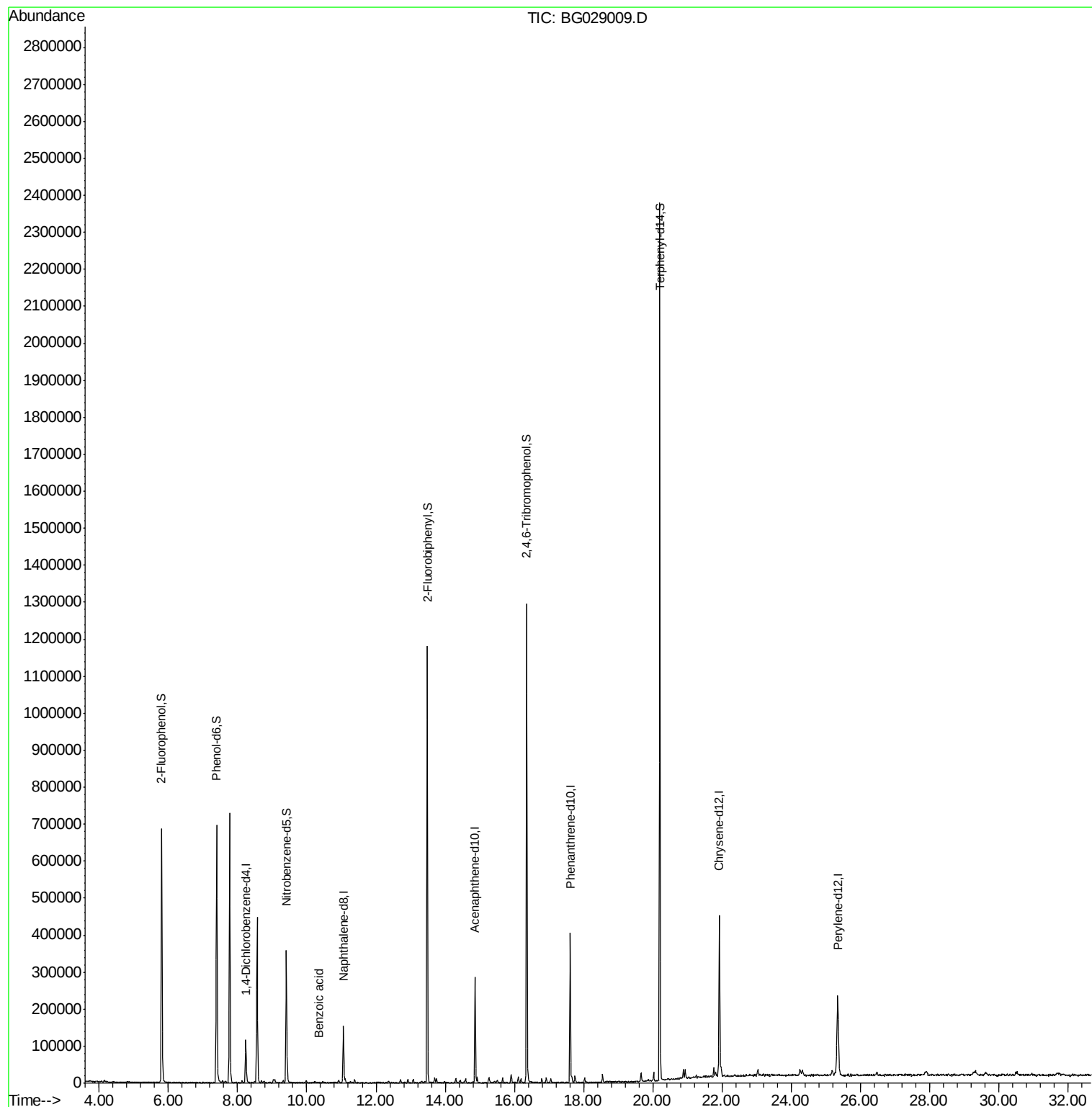
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	32676	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	133708	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	99948	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	256242	20.00	ng	-0.08
75) Chrysene-d12	21.92	240	291781	20.00	ng	-0.11
86) Perylene-d12	25.35	264	281122	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	302579	152.79	ng	-0.10
7) Phenol-d6	7.39	99	417388	139.99	ng	-0.09
23) Nitrobenzene-d5	9.41	82	228406	81.72	ng	-0.09
41) 2,4,6-Tribromophenol	16.35	330	262565	158.83	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	624065	83.26	ng	-0.08
78) Terphenyl-d14	20.20	244	1083144	79.16	ng	-0.08
Target Compounds						
32) Benzoic acid	10.34	122	73	6.12	ng	Qvalue # 1

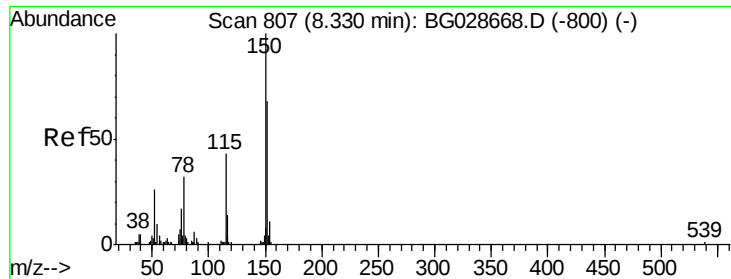
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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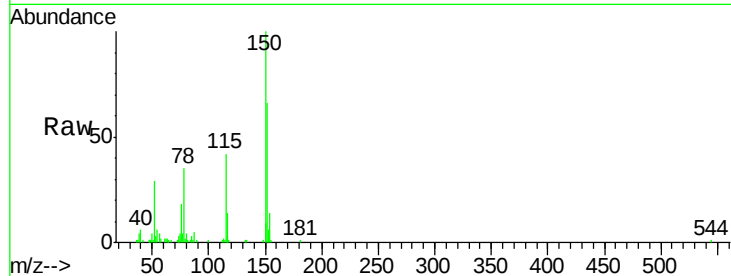


#1

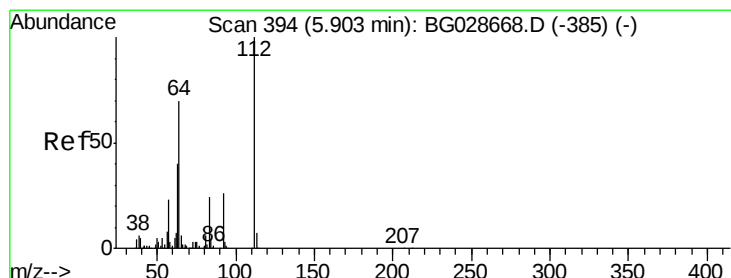
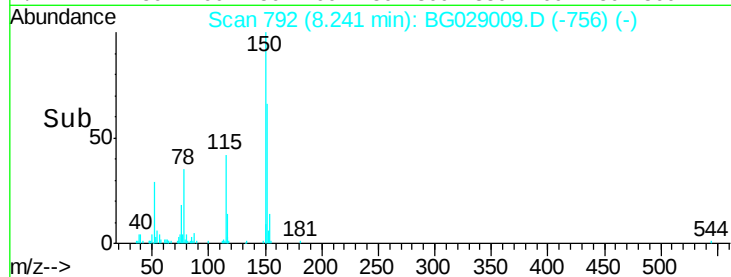
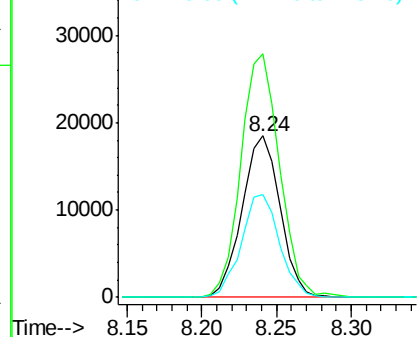
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029009.D
Acq: 3 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32676
Ion Ratio Lower Upper
152 100
150 150.9 114.0 171.0
115 63.7 48.1 72.1



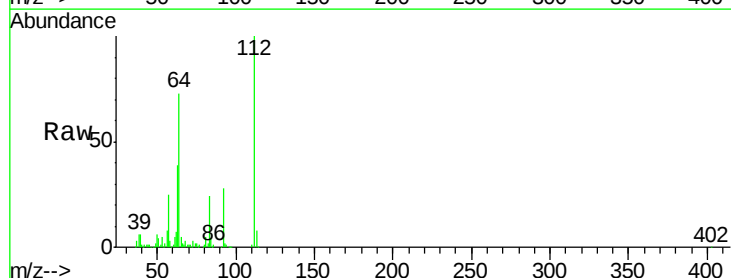
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



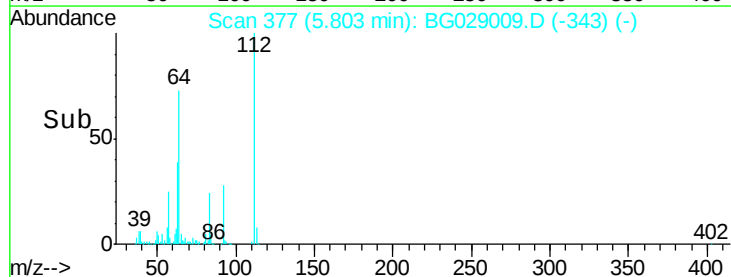
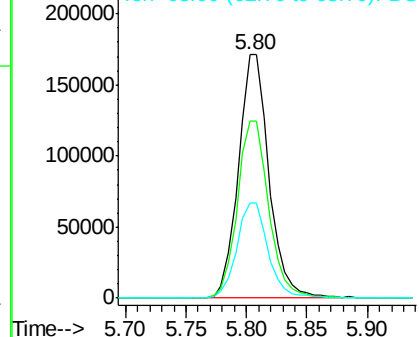
#5

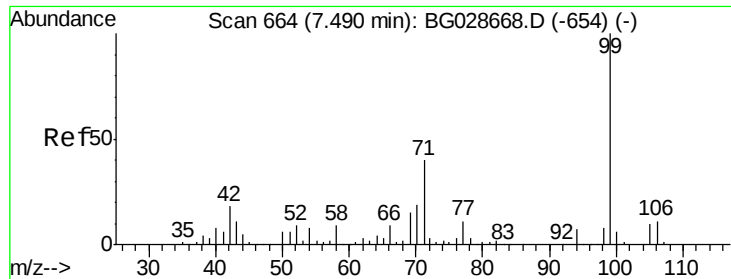
2-Fluorophenol
Concen: 152.79 ng
RT: 5.80 min Scan# 377
Delta R.T. -0.10 min
Lab File: BG029009.D
Acq: 3 Oct 2017 17:24

Tgt Ion:112 Resp: 302579
Ion Ratio Lower Upper
112 100
64 72.6 61.8 92.6
63 39.2 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: 139.99 ng

RT: 7.39 min Scan# 648

Delta R.T. -0.09 min

Lab File: BG029009.D

Acq: 3 Oct 2017 17:24

Instrument :

BNA_G

ClientSampleId :

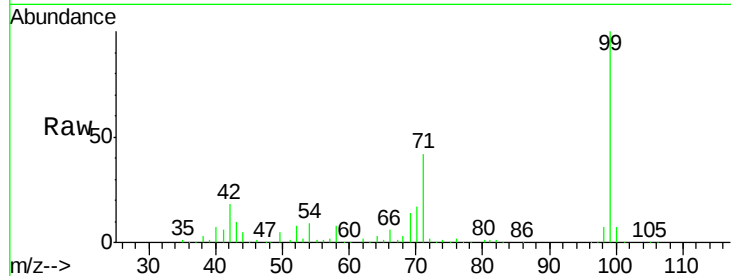
Tot Ion: 99 Resp: 417388

Ion Ratio Lower Upper

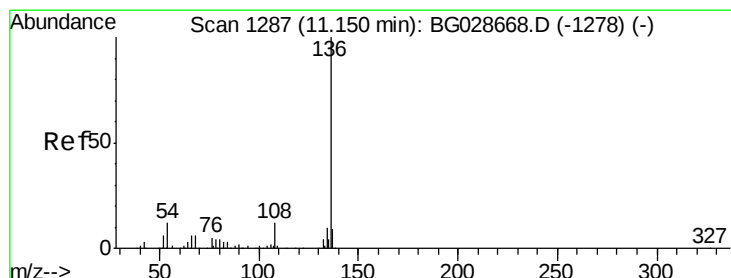
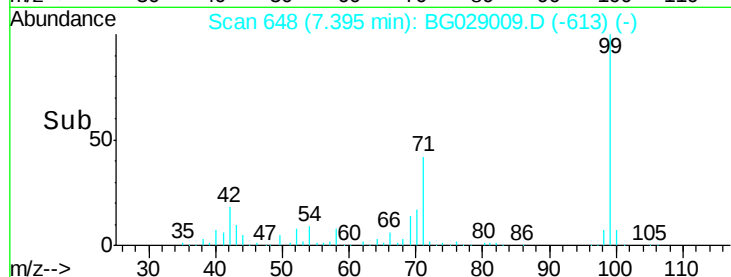
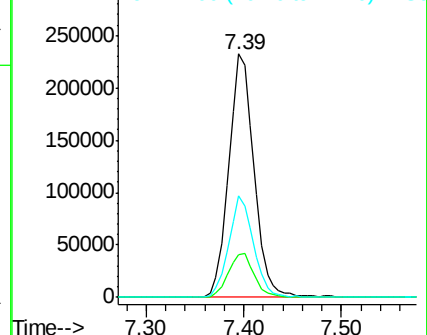
99 100

42 17.7 20.5 30.7#

71 42.0 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: 11.06 min Scan# 1272

Delta R.T. -0.09 min

Lab File: BG029009.D

Acq: 3 Oct 2017 17:24

Tgt Ion: 136 Resp: 133708

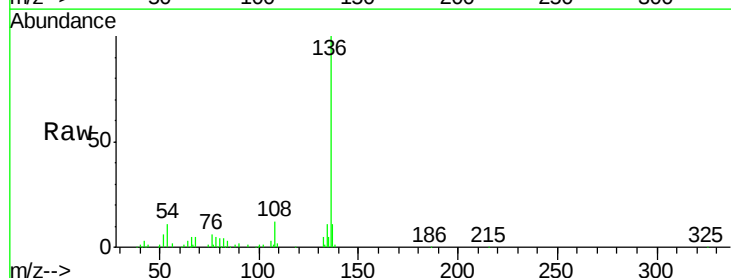
Ion Ratio Lower Upper

136 100

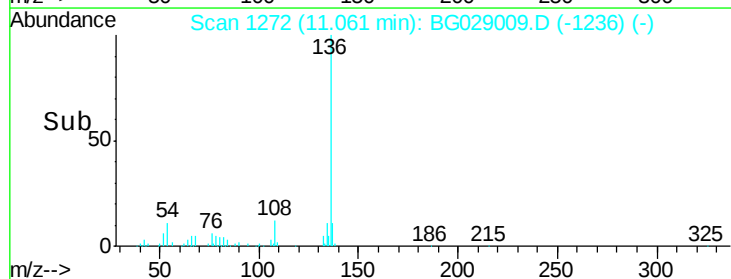
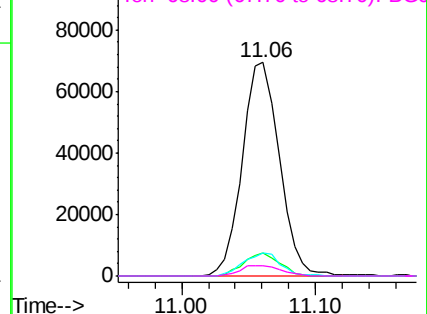
137 11.0 8.9 13.3

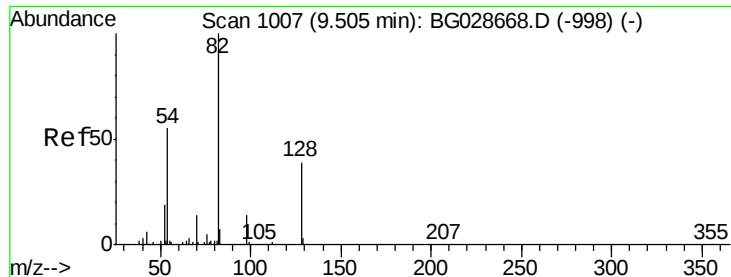
54 10.7 9.3 13.9

68 5.0 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

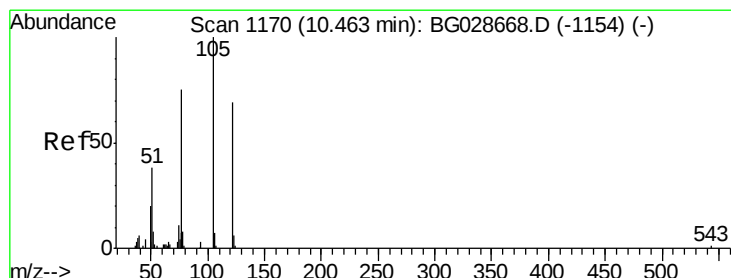
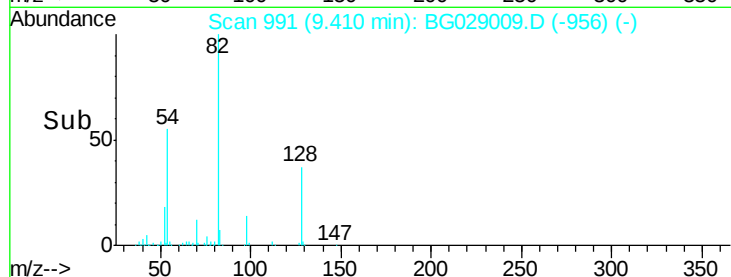
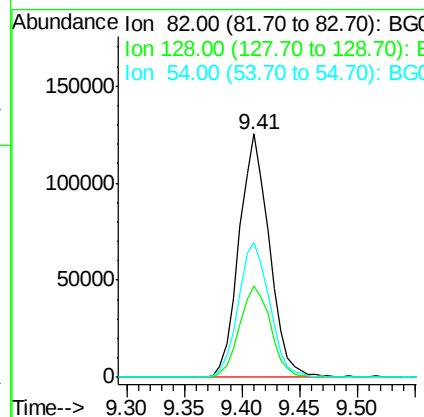
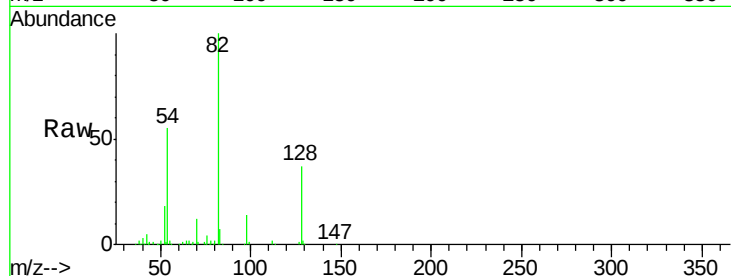




#23
 Nitrobenzene-d5
 Concen: 81.72 ng
 RT: 9.41 min Scan# 991
 Delta R.T. -0.09 min
 Lab File: BG029009.D
 Acq: 3 Oct 2017 17:24

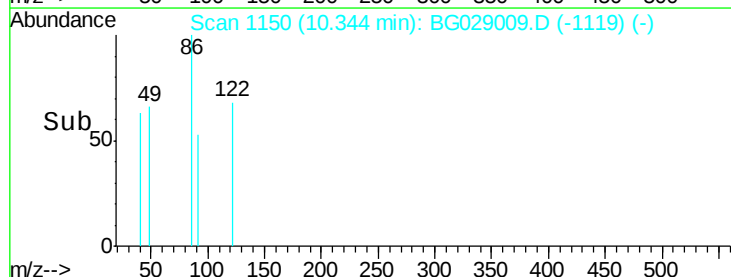
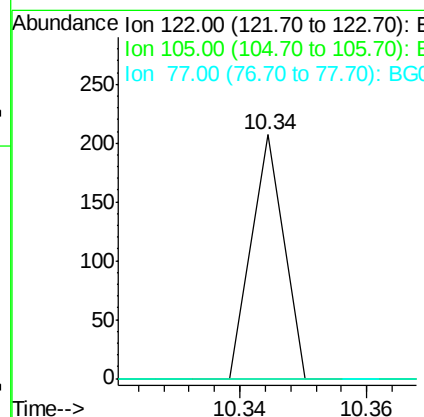
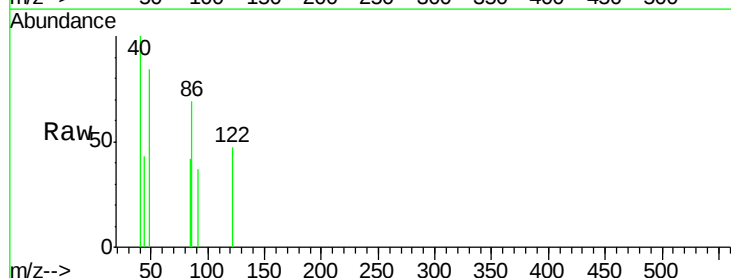
Instrument :
 BNA_G
 ClientSampleId :

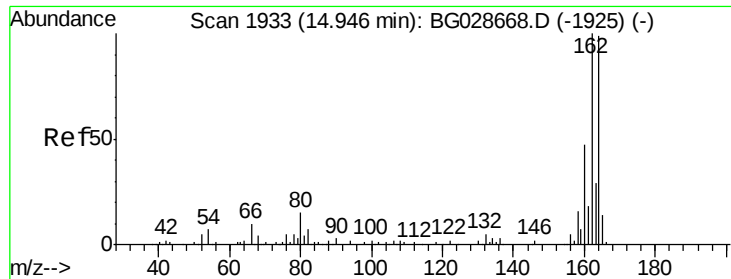
Tot Ion	82	Resp	228406
Ion Ratio	Lower	Upper	
82	100		
128	37.3	26.4	39.6
54	55.5	49.4	74.2



#32
 Benzoic acid
 Concen: 6.12 ng
 RT: 10.34 min Scan# 1150
 Delta R.T. -0.12 min
 Lab File: BG029009.D
 Acq: 3 Oct 2017 17:24

Tgt Ion	122	Resp	73
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: 14.86 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029009.D

Acq: 3 Oct 2017 17:24

Instrument :

BNA_G

ClientSampleId :

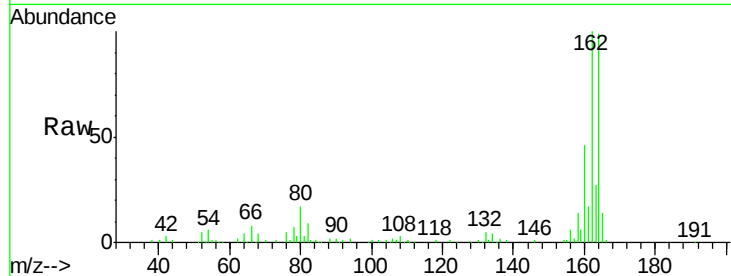
Tot Ion:164 Resp: 99948

Ion Ratio Lower Upper

164 100

162 101.2 85.1 127.7

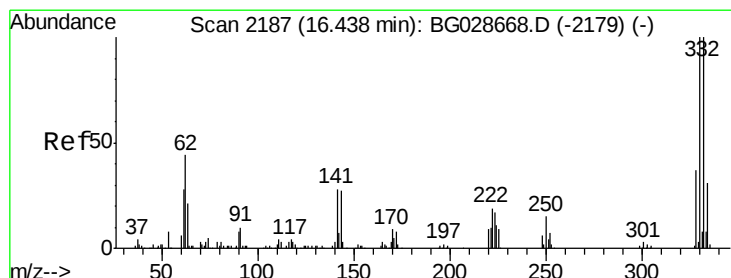
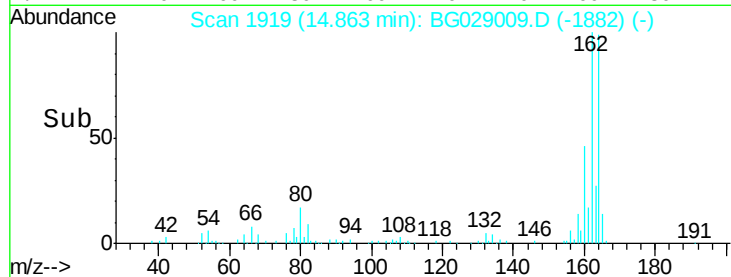
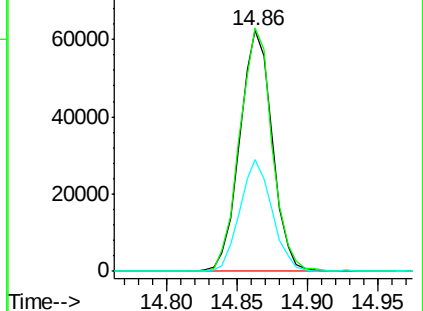
160 46.5 34.7 52.1



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: 158.83 ng

RT: 16.35 min Scan# 2173

Delta R.T. -0.08 min

Lab File: BG029009.D

Acq: 3 Oct 2017 17:24

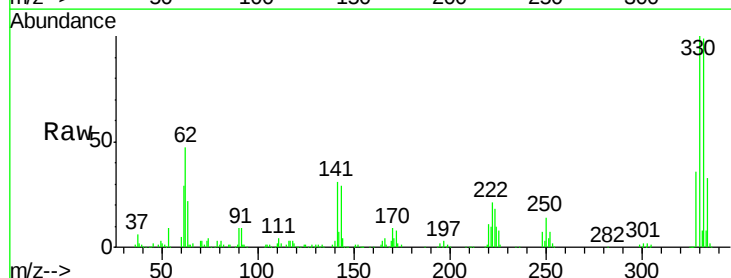
Tgt Ion:330 Resp: 262565

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

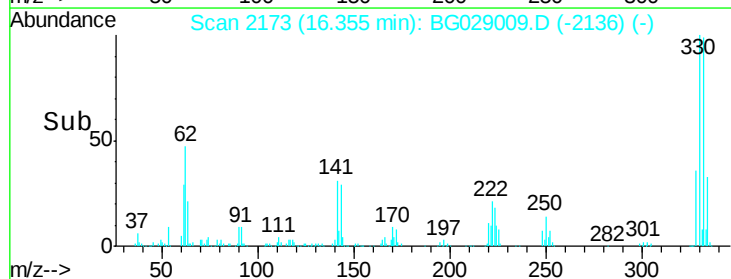
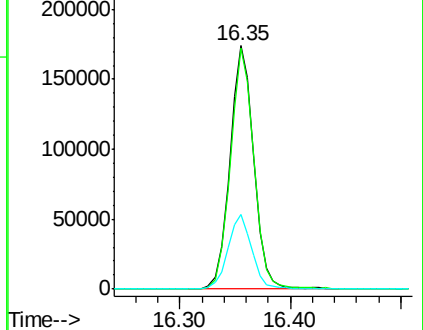
141 30.6 32.1 48.1#

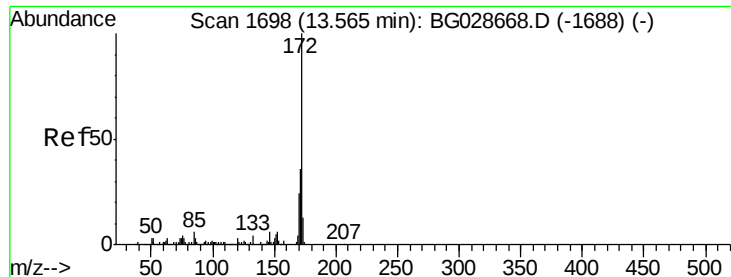


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

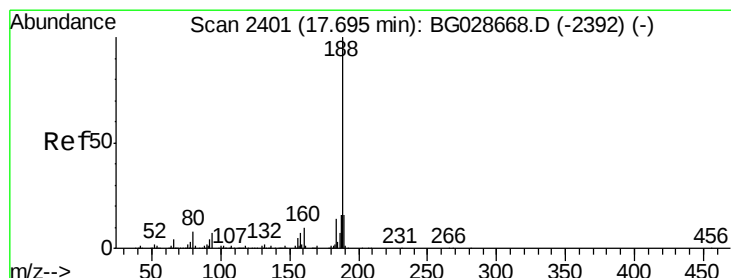
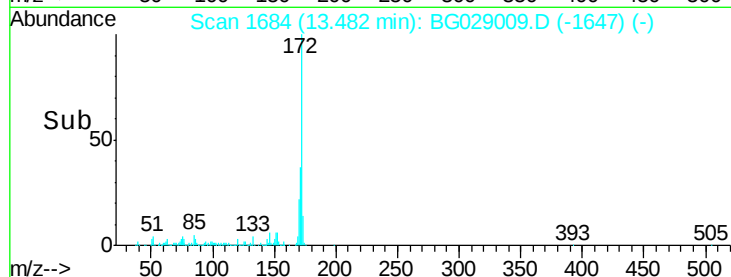
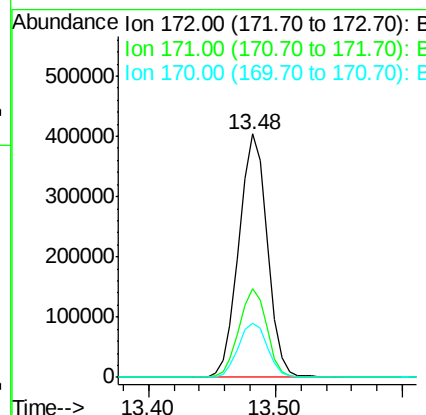
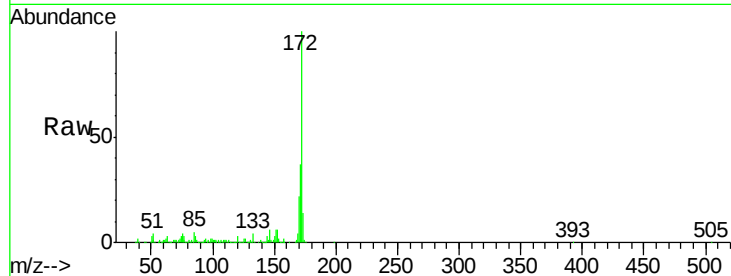




#44
2-Fluorobiphenyl
Concen: 83.26 ng
RT: 13.48 min Scan# 1684
Delta R.T. -0.08 min
Lab File: BG029009.D
Acq: 3 Oct 2017 17:24

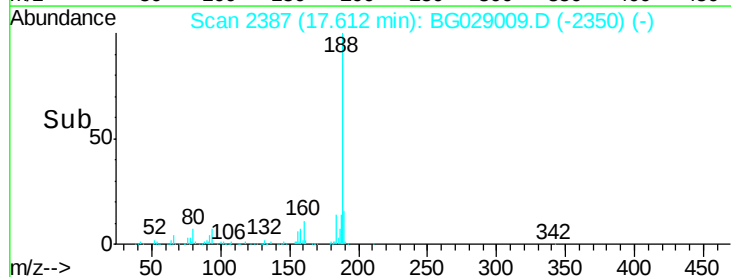
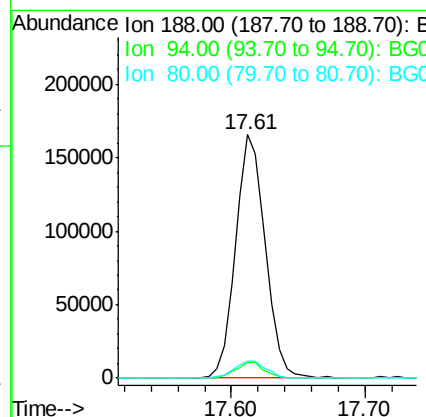
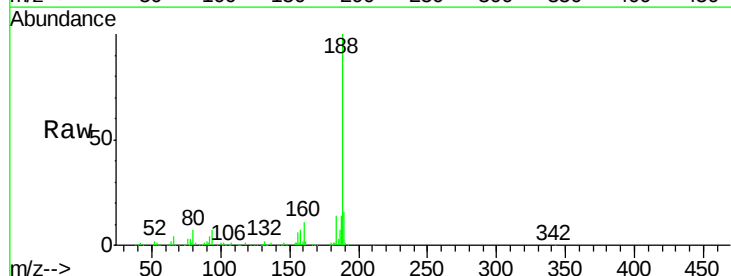
Instrument :
BNA_G
ClientSampleId :

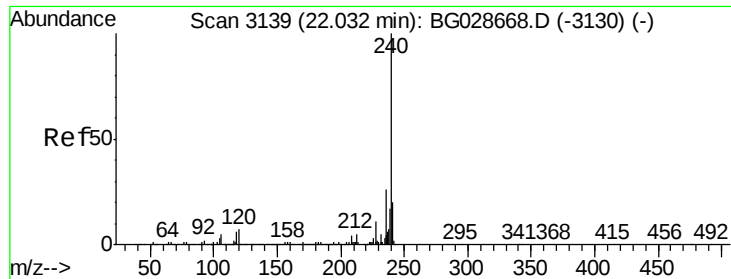
Tot Ion:172 Resp: 624065
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 22.4 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029009.D
Acq: 3 Oct 2017 17:24

Tgt Ion:188 Resp: 256242
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.2 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3121

Delta R.T. -0.11 min

Lab File: BG029009.D

Acq: 3 Oct 2017 17:24

Instrument :

BNA_G

ClientSampleId :

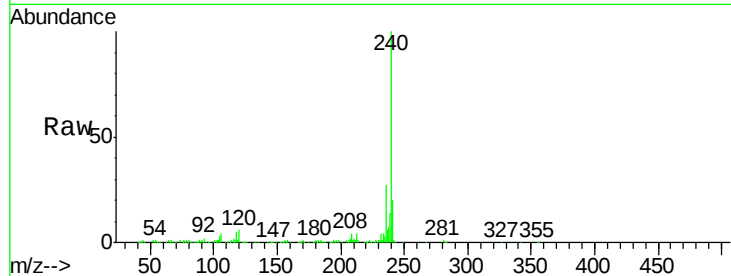
Tot Ion:240 Resp: 291781

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

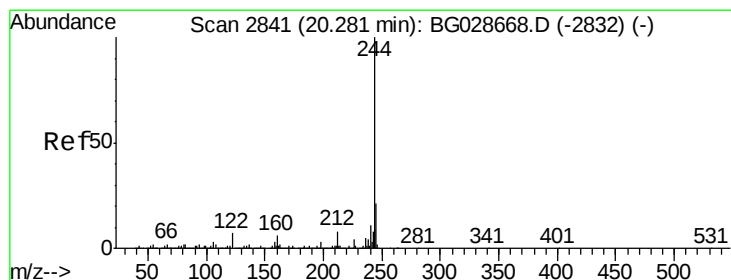
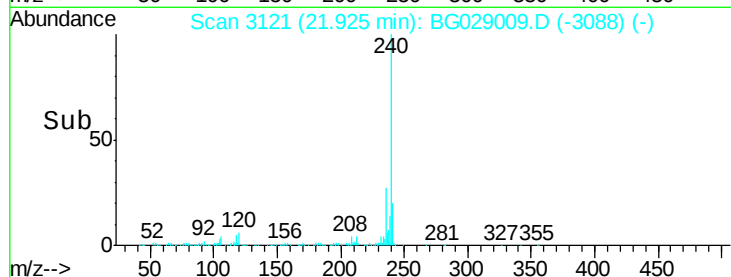
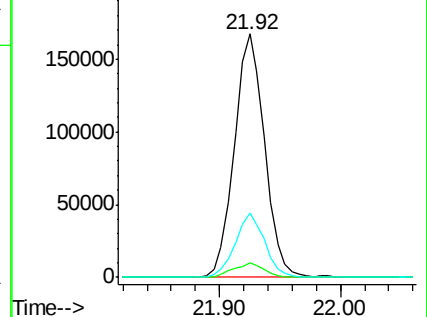
236 26.6 22.2 33.4



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: 79.16 ng

RT: 20.20 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029009.D

Acq: 3 Oct 2017 17:24

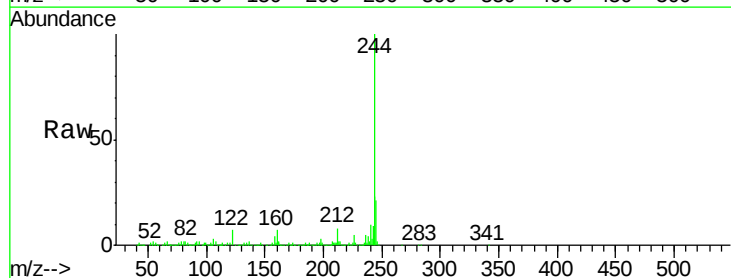
Tgt Ion:244 Resp: 1083144

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

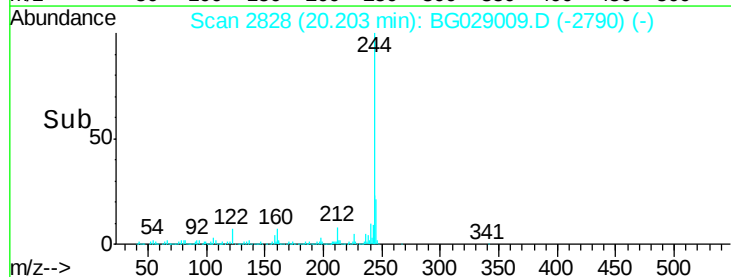
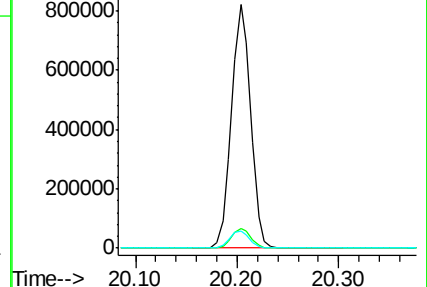
122 7.2 8.6 12.8#

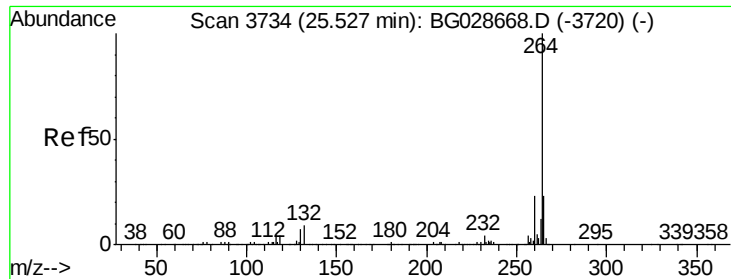


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

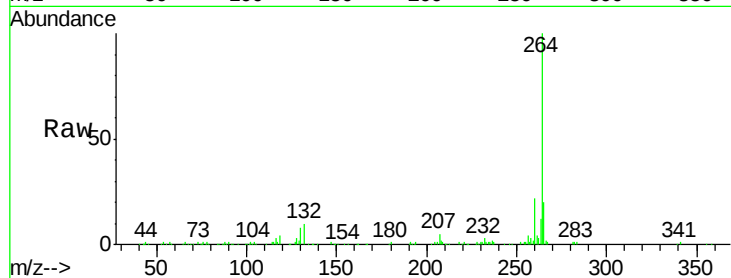




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3704
Delta R.T. -0.18 min
Lab File: BG029009.D
Acq: 3 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	20.3	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

