

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028905.D
 Acq On : 23 Sep 2017 19:38
 Operator : SJ/JU
 Sample : I5297-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 01:01:02 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

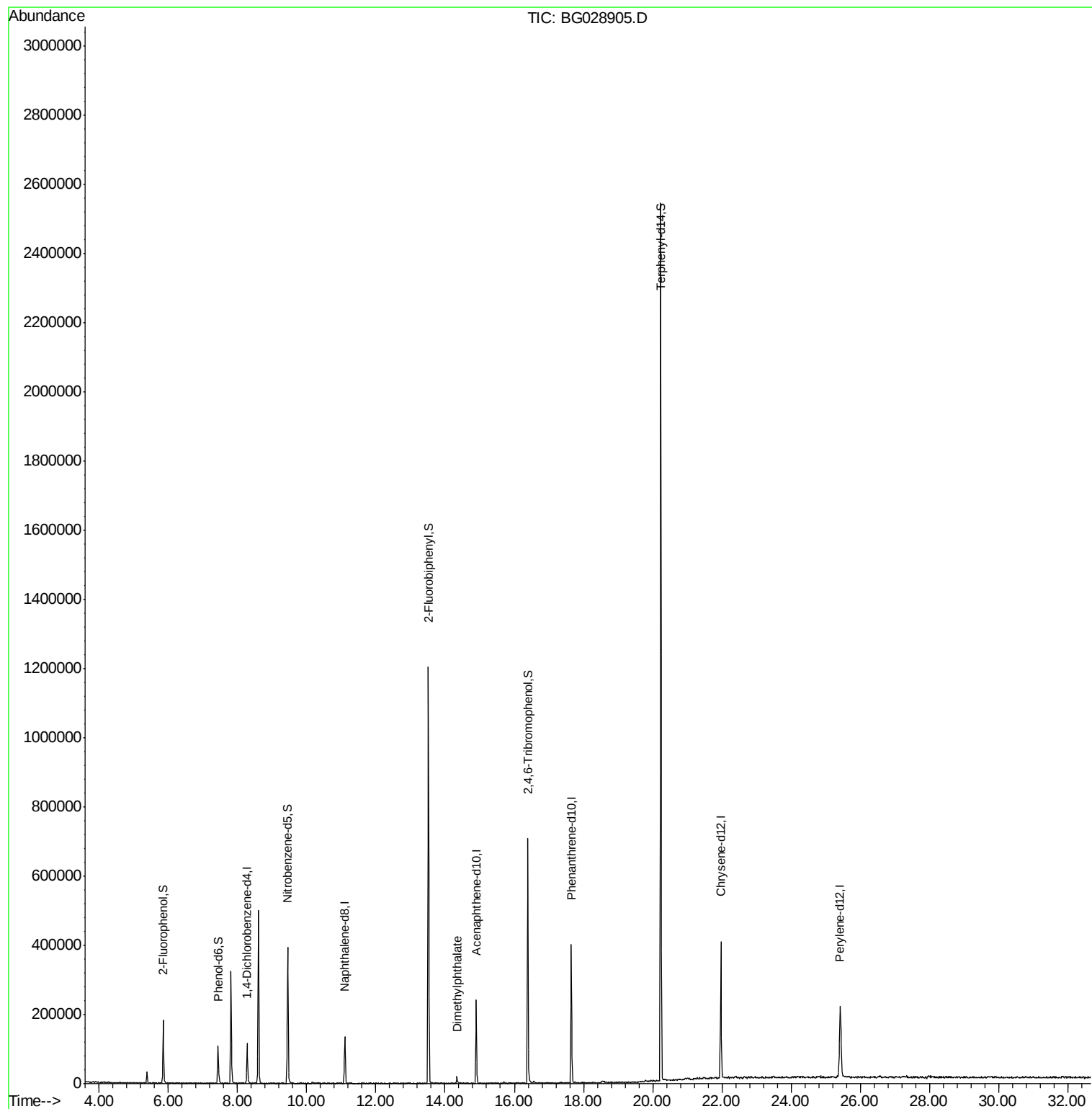
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	31762	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	120328	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	86410	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	252872	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	276765	20.00	ng	-0.06
86) Perylene-d12	25.42	264	269316	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	81507	42.34	ng	-0.05
7) Phenol-d6	7.44	99	67980	23.46	ng	-0.05
23) Nitrobenzene-d5	9.45	82	250555	99.61	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	153633	107.50	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	664350	102.52	ng	-0.05
78) Terphenyl-d14	20.24	244	1189676	91.67	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.34	163	16321	2.25	ng	Qvalue 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Instrument :

BNA_G

ClientSampleId :

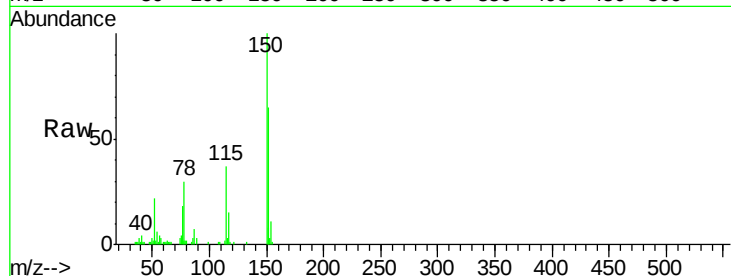
Tot Ion:152 Resp: 31762

Ion Ratio Lower Upper

152 100

150 153.4 114.0 171.0

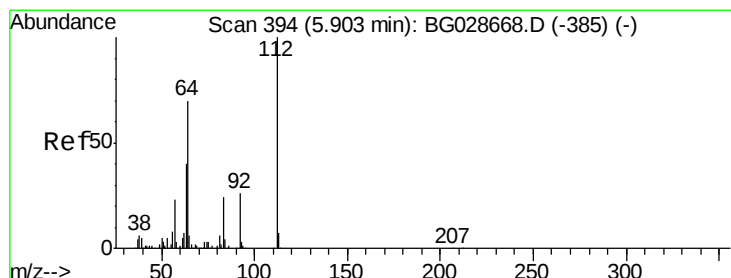
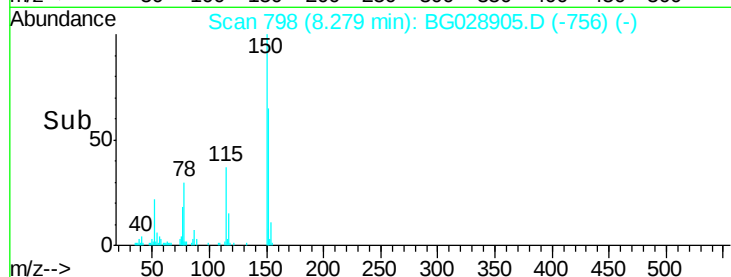
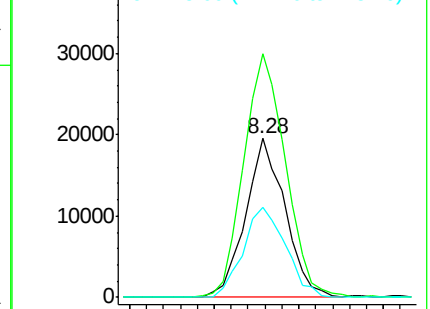
115 56.4 48.1 72.1



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: 42.34 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

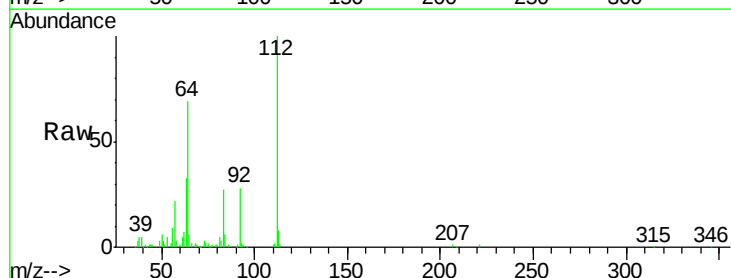
Tgt Ion:112 Resp: 81507

Ion Ratio Lower Upper

112 100

64 69.3 61.8 92.6

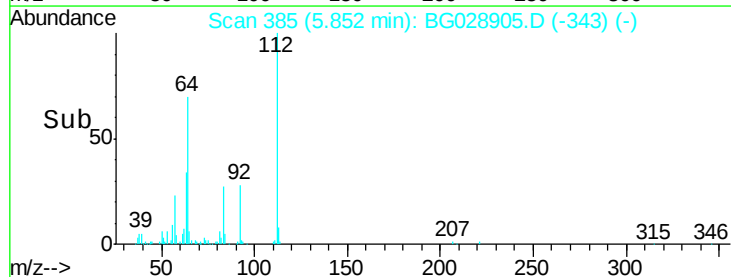
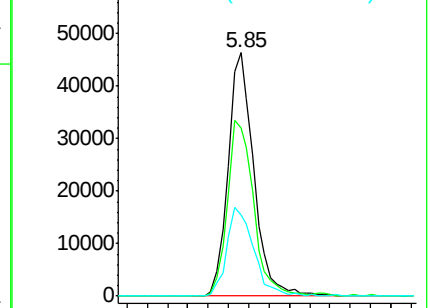
63 33.1 37.2 55.8#

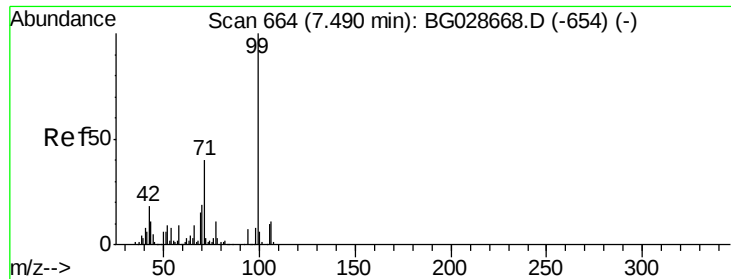


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 23.46 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Instrument :

BNA_G

ClientSampleId :

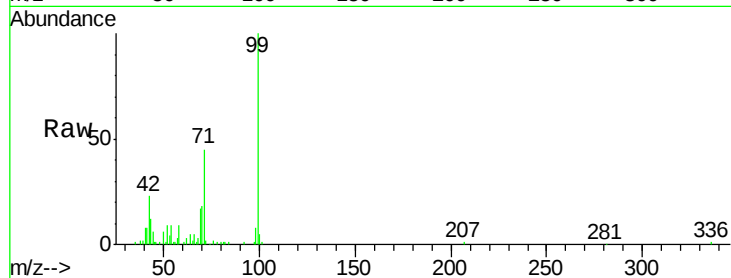
Tot Ion: 99 Resp: 67980

Ion Ratio Lower Upper

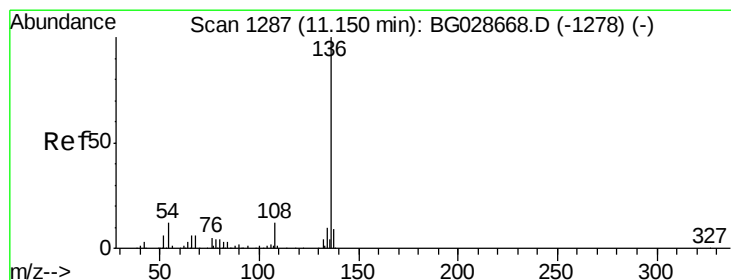
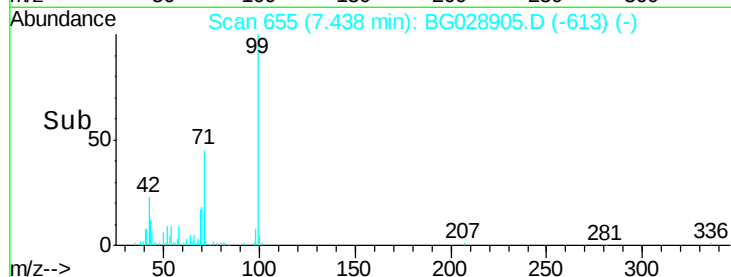
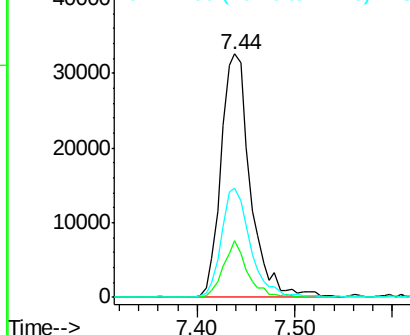
99 100

42 23.2 20.5 30.7

71 44.8 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: 11.10 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Tgt Ion: 136 Resp: 120328

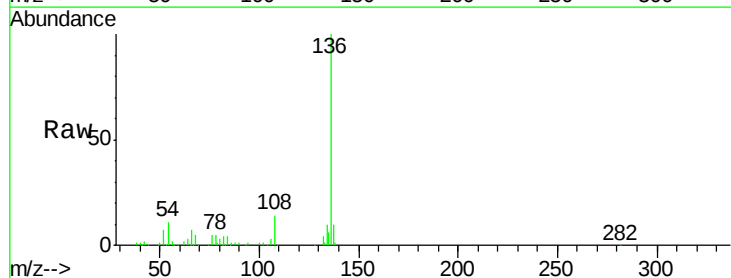
Ion Ratio Lower Upper

136 100

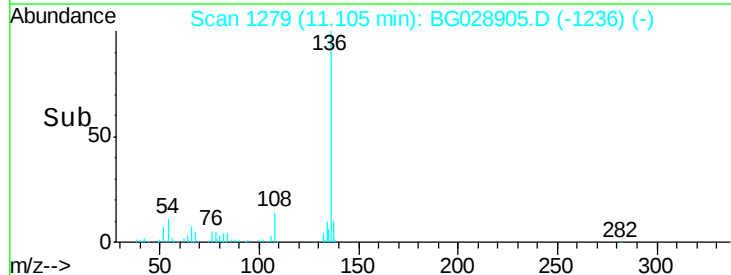
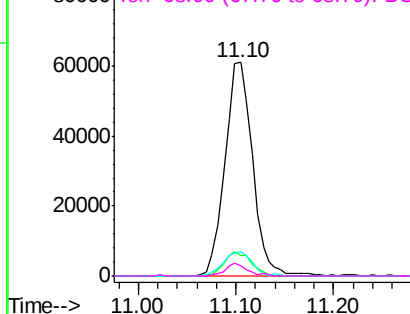
137 9.9 8.9 13.3

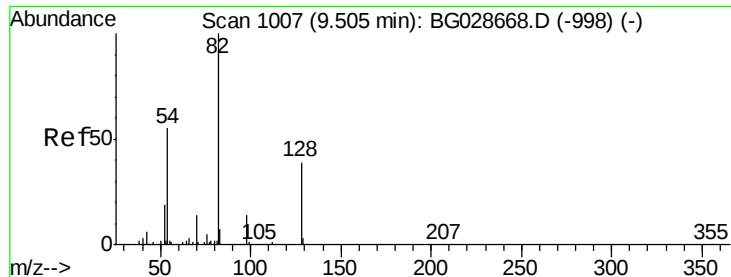
54 11.3 9.3 13.9

68 4.9 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

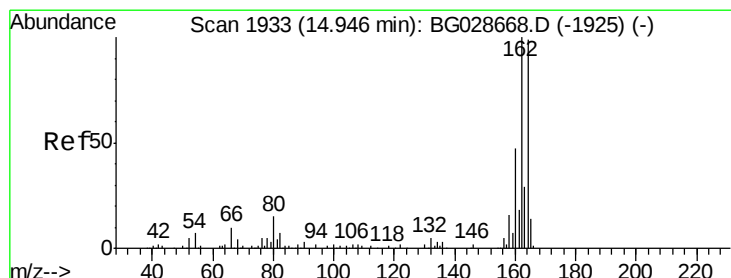
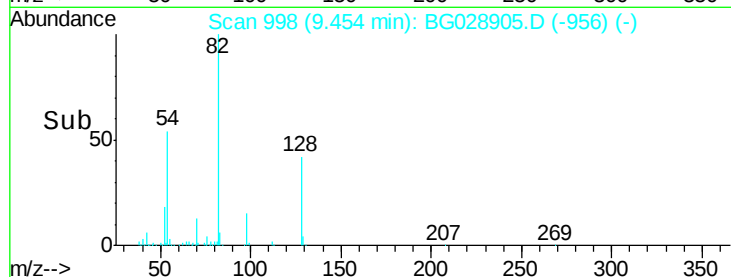
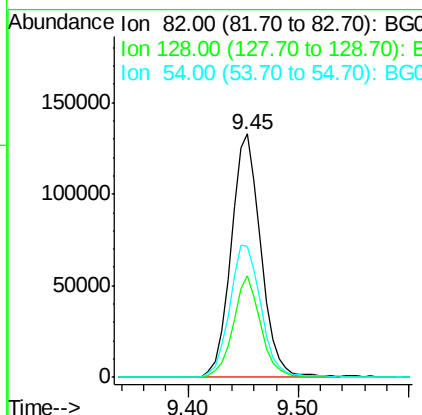
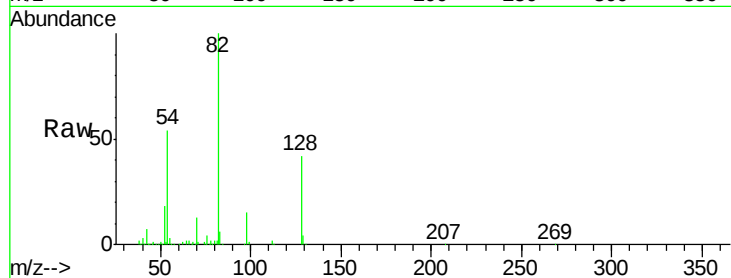




#23
 Nitrobenzene-d5
 Concen: 99.61 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028905.D
 Acq: 23 Sep 2017 19:38

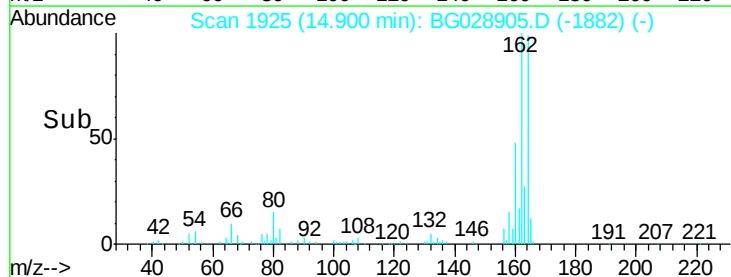
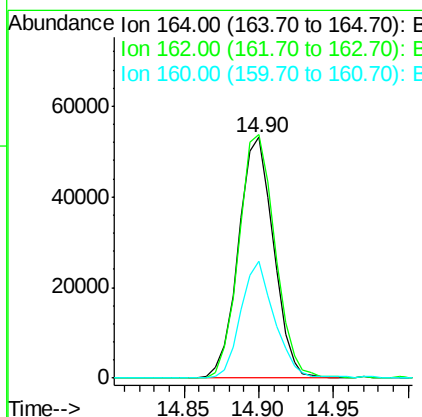
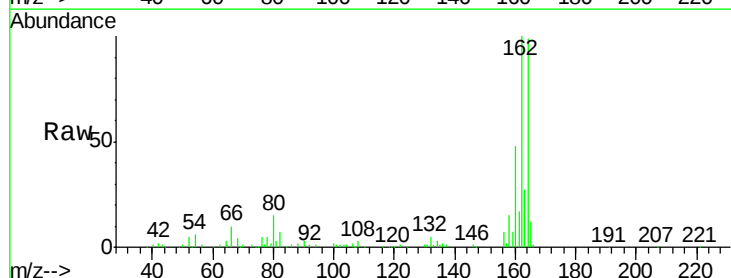
Instrument :
 BNA_G
 ClientSampleId :

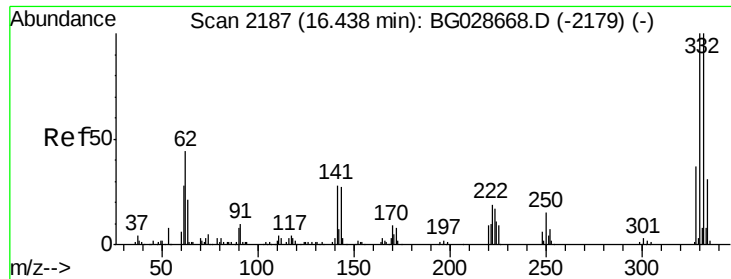
Tot Ion	82	Resp	250555
Ion	Ratio	Lower	Upper
82	100		
128	41.6	26.4	39.6
54	54.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.05 min
 Lab File: BG028905.D
 Acq: 23 Sep 2017 19:38

Tgt Ion	164	Resp	86410
Ion	Ratio	Lower	Upper
164	100		
162	101.2	85.1	127.7
160	48.6	34.7	52.1

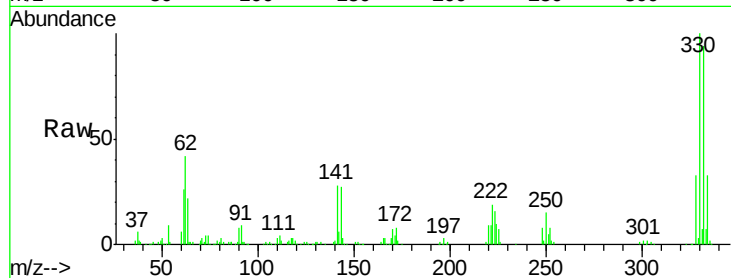




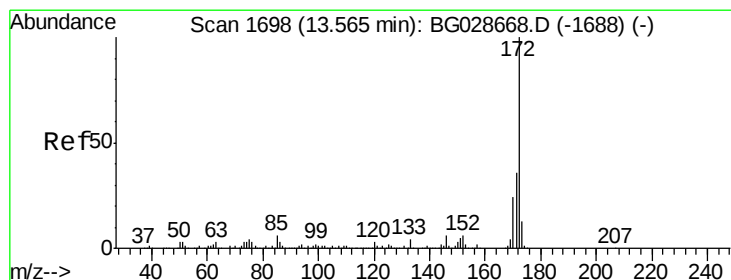
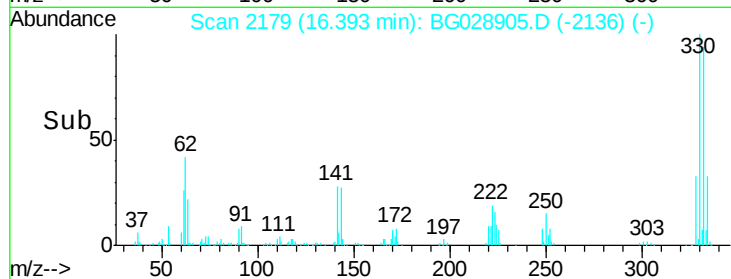
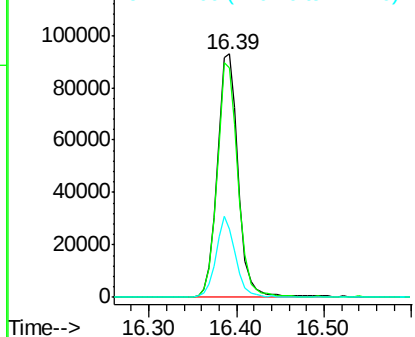
#41
 2,4,6-Tribromophenol
 Concen: 107.50 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028905.D
 Acq: 23 Sep 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.3	115.9
141	31.0	32.1	48.1#

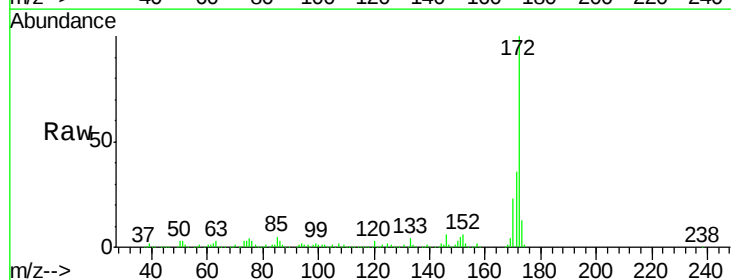


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

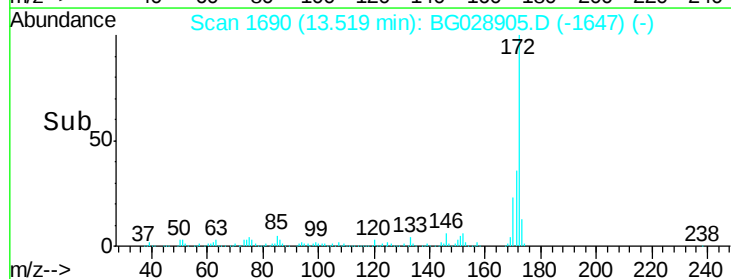
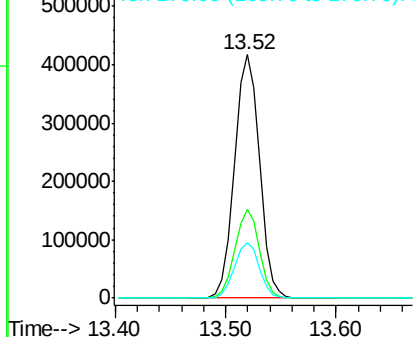


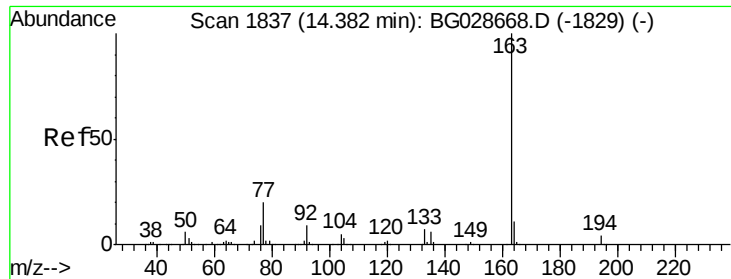
#44
 2-Fluorobiphenyl
 Concen: 102.52 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028905.D
 Acq: 23 Sep 2017 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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





#49

Dimethylphthalate

Concen: 2.25 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Instrument :

BNA_G

ClientSampleId :

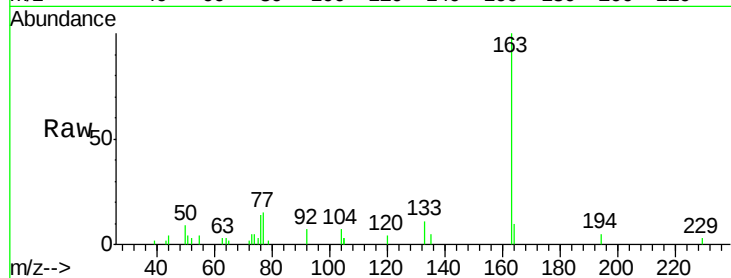
Tot Ion:163 Resp: 16321

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

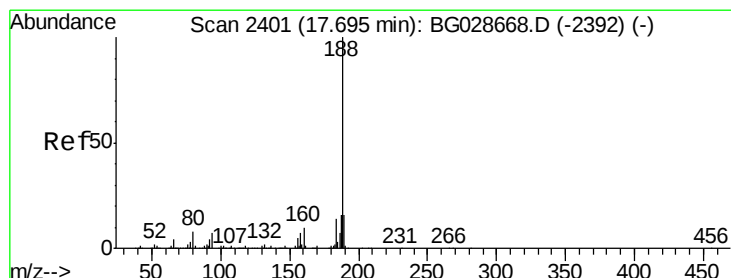
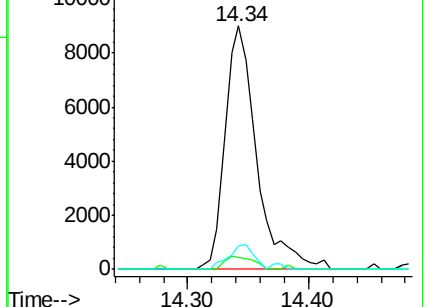
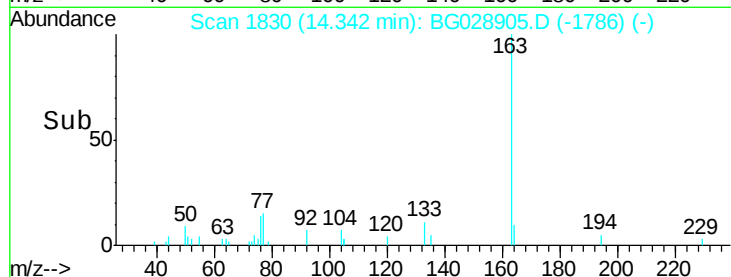
164 9.6 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

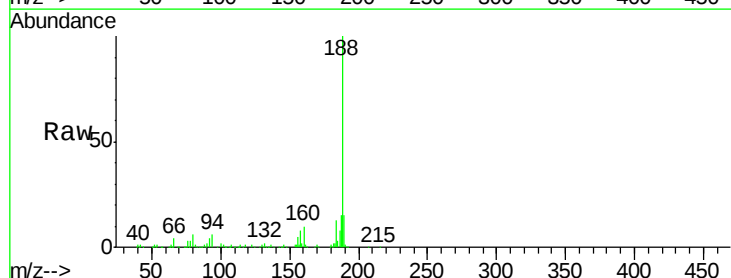
Tgt Ion:188 Resp: 252872

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

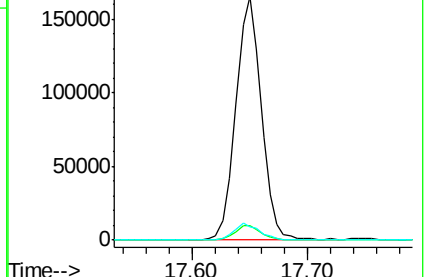
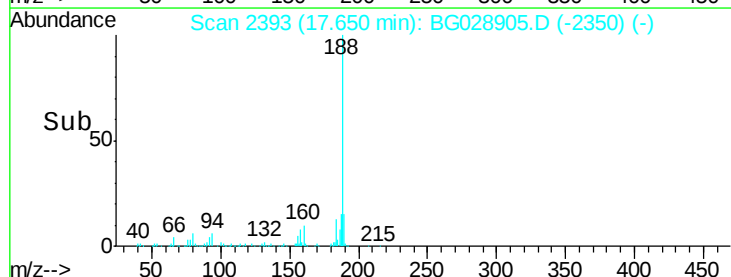
80 5.7 7.5 11.3#

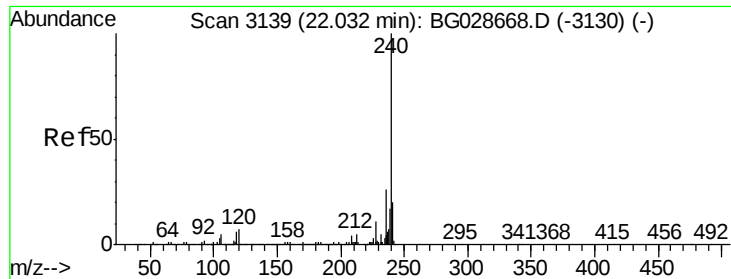


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

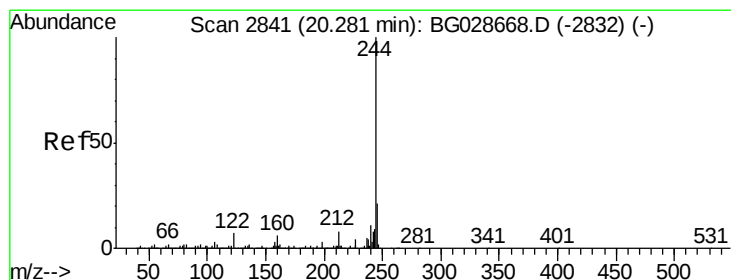
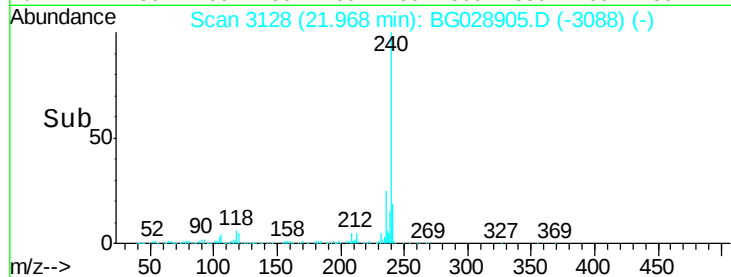
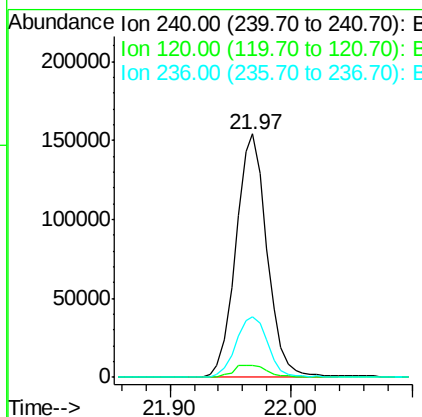
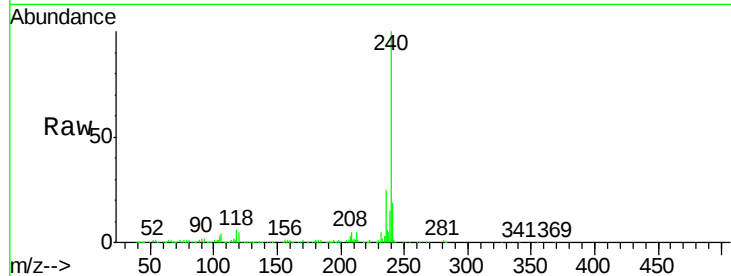
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 276765

Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.7	8.5#
236	25.0	22.2	33.4



#78

Terphenyl-d14

Concen: 91.67 ng

RT: 20.24 min Scan# 2833

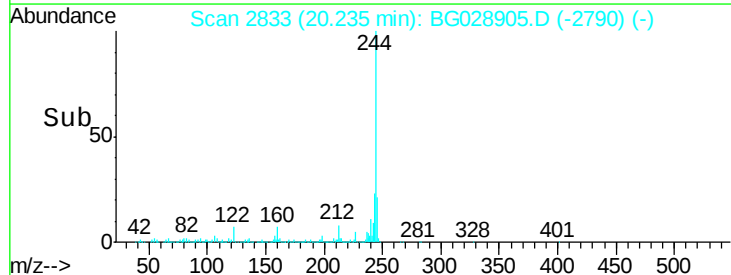
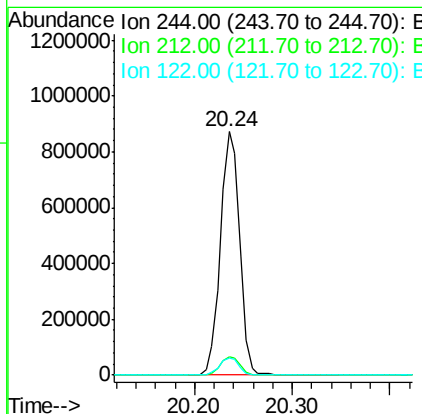
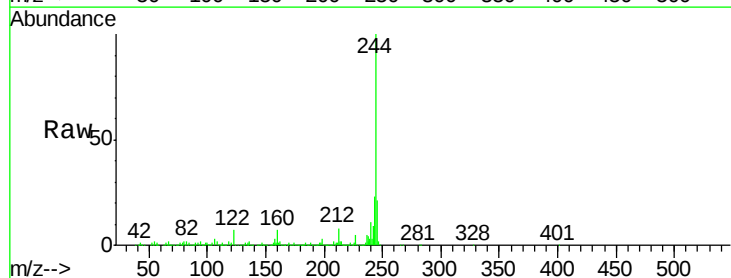
Delta R.T. -0.05 min

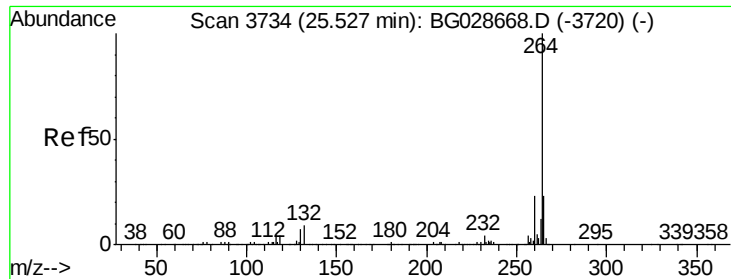
Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Tgt Ion:244 Resp: 1189676

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	7.3	8.6	12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.42 min Scan# 3715
Delta R.T. -0.11 min
Lab File: BG028905.D
Acq: 23 Sep 2017 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	19.7	18.2	27.4

