

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022938.D
 Acq On : 8 Jul 2016 20:05
 Operator : UM/SJ
 Sample : H3859-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 00:25:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

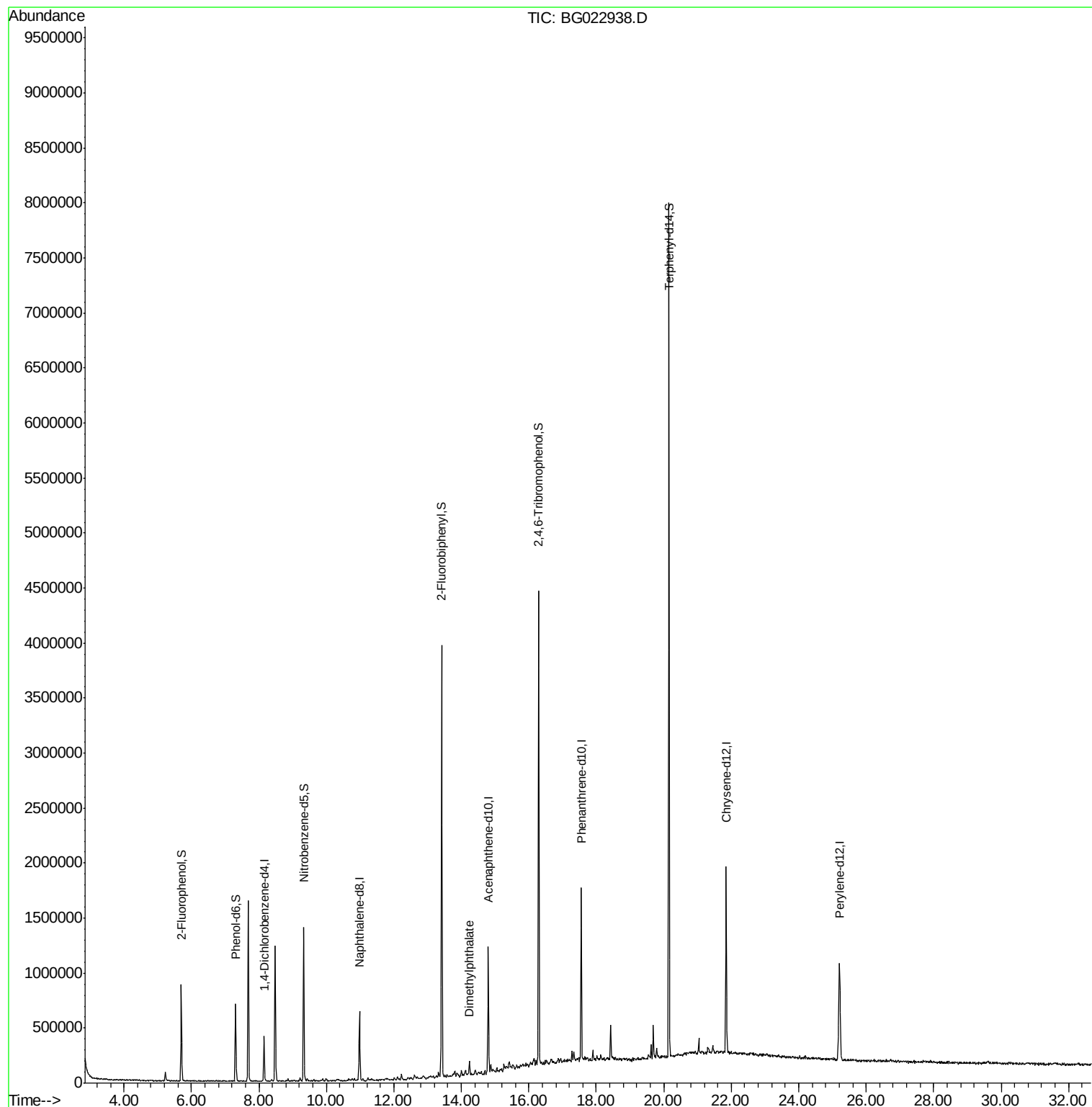
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	108321	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	499957	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	384733	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	919604	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1052646	20.00	ng	0.00
86) Perylene-d12	25.21	264	1087826	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	354333	53.50	ng	0.00
7) Phenol-d6	7.31	99	392265	37.81	ng	0.00
23) Nitrobenzene-d5	9.33	82	881406	75.49	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	806596	116.65	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1903952	77.95	ng	0.00
78) Terphenyl-d14	20.16	244	2947550	91.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	69401	2.21	ng	Qvalue # 94

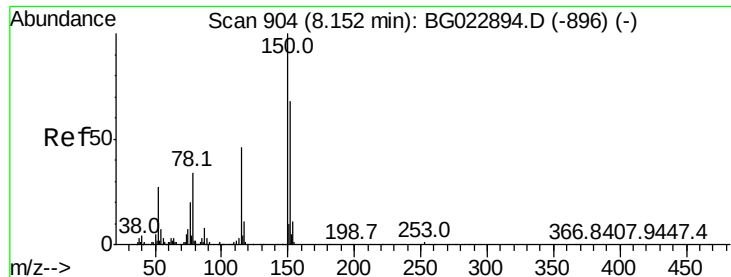
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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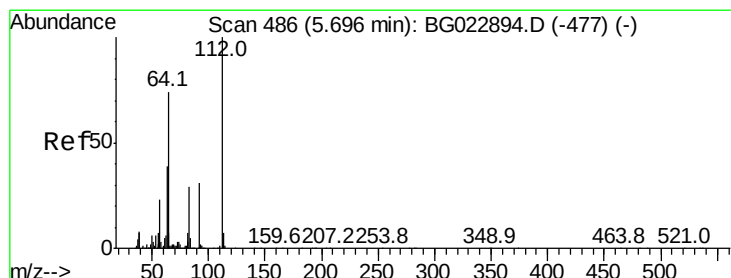
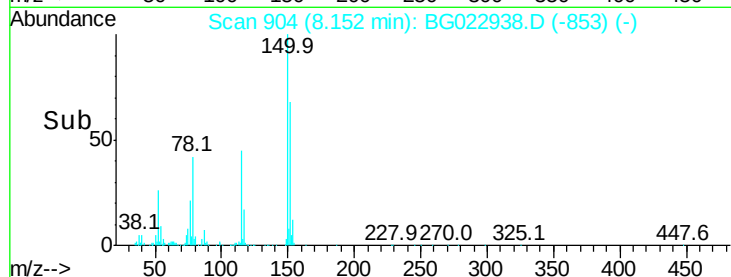
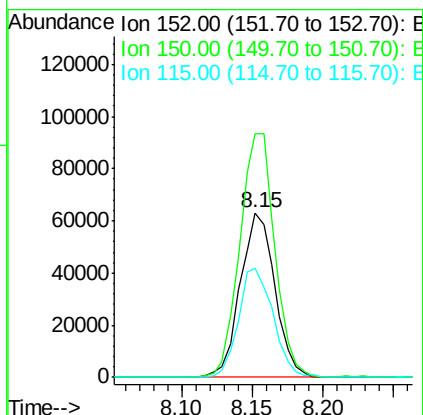
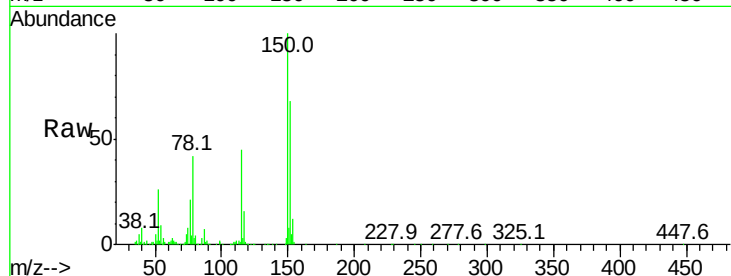


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG022938.D
Acq: 8 Jul 2016 20:05

Instrument :
BNA_G
ClientSampleId :

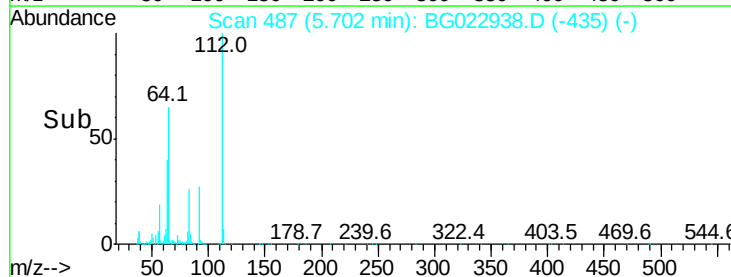
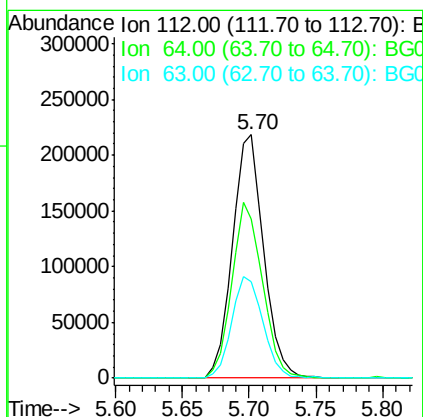
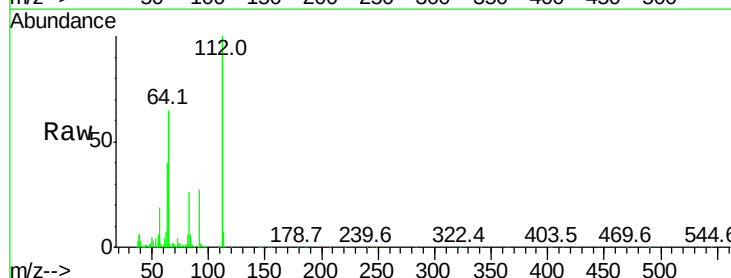
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	144.7	217.1
115	66.3	64.0	96.0

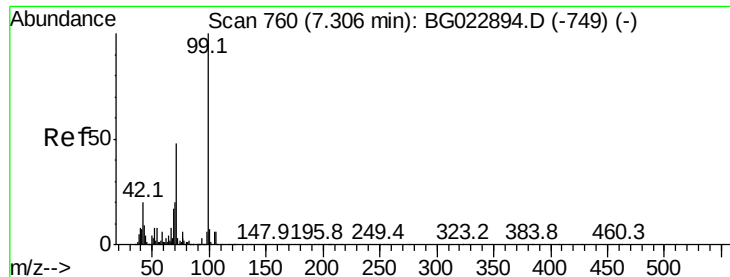


#5

2-Fluorophenol
Concen: 53.50 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG022938.D
Acq: 8 Jul 2016 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	59.0	88.4
63	39.7	37.8	56.8





#7

Phenol-d6

Concen: 37.81 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022938.D

Acq: 8 Jul 2016 20:05

Instrument :

BNA_G

ClientSampleId :

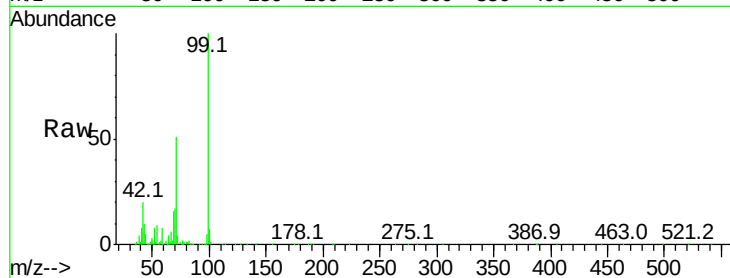
Tot Ion: 99 Resp: 392265

Ion Ratio Lower Upper

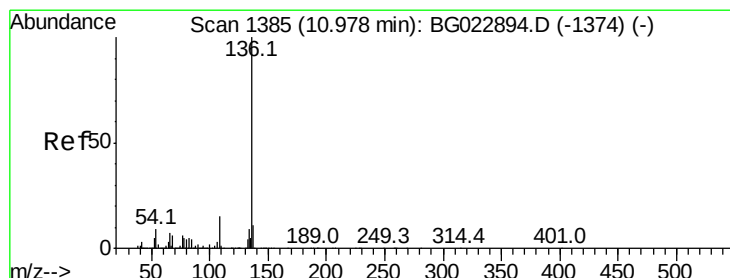
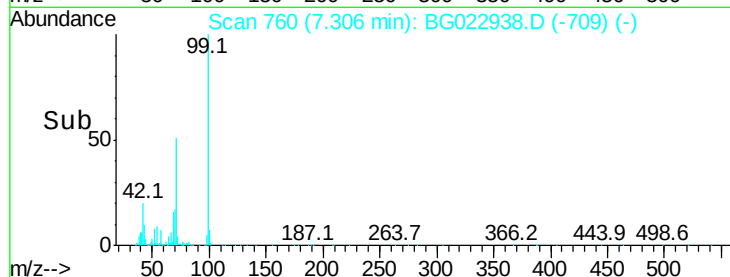
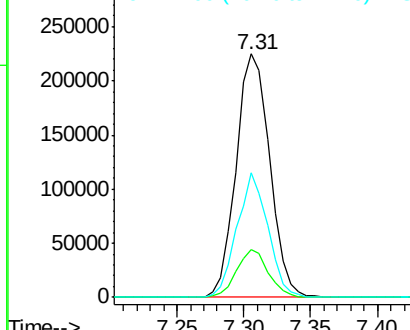
99 100

42 19.6 17.8 26.6

71 51.0 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG022938.D

Acq: 8 Jul 2016 20:05

Tgt Ion: 136 Resp: 499957

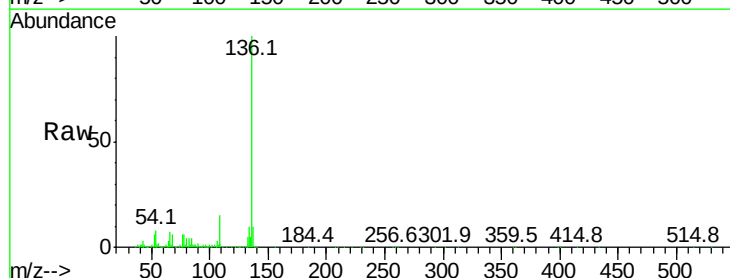
Ion Ratio Lower Upper

136 100

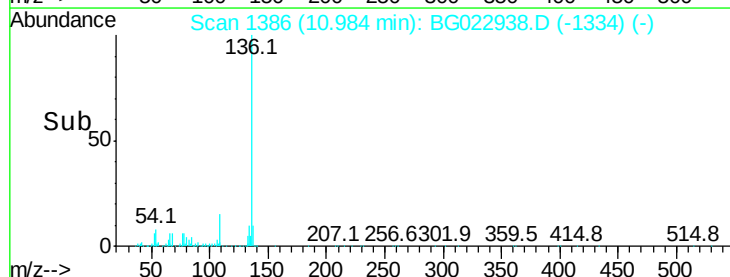
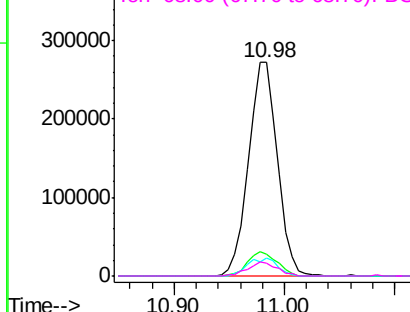
137 10.1 9.6 14.4

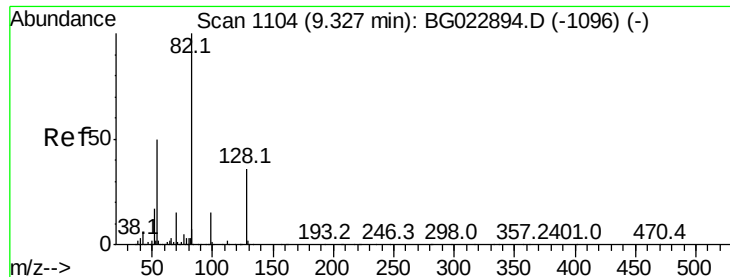
54 8.4 7.3 10.9

68 6.2 5.3 7.9



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

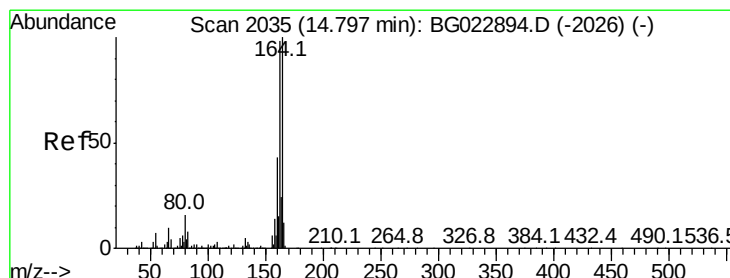
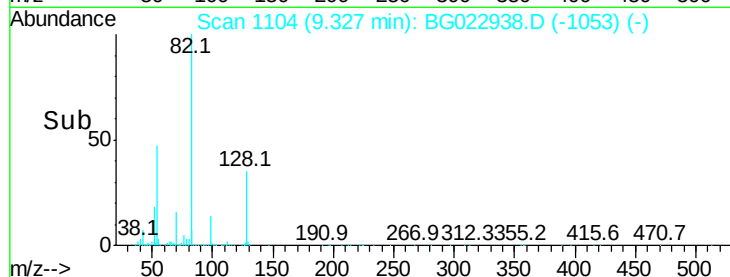
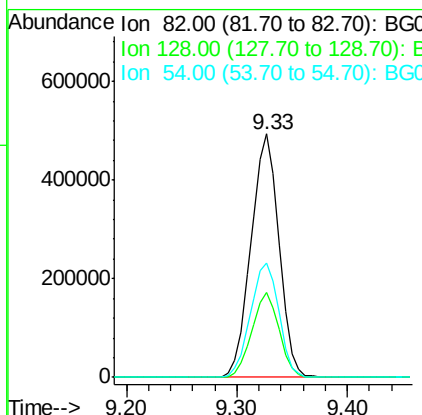
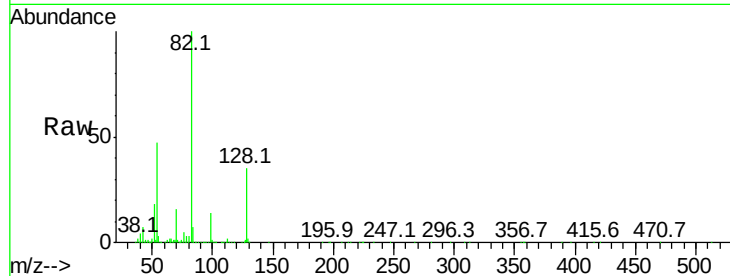




#23
Nitrobenzene-d5
Concen: 75.49 ng
RT: 9.33 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BG022938.D
Acq: 8 Jul 2016 20:05

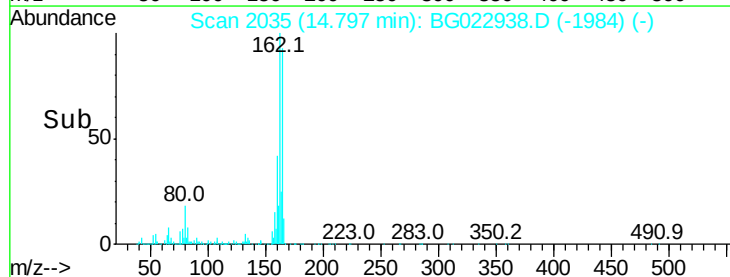
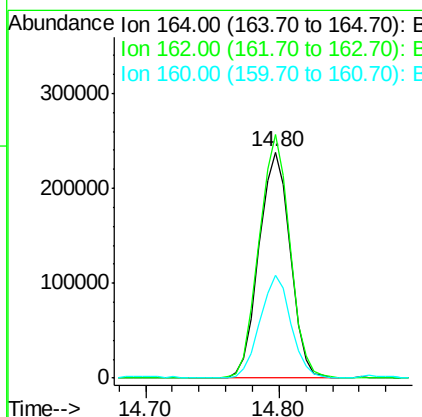
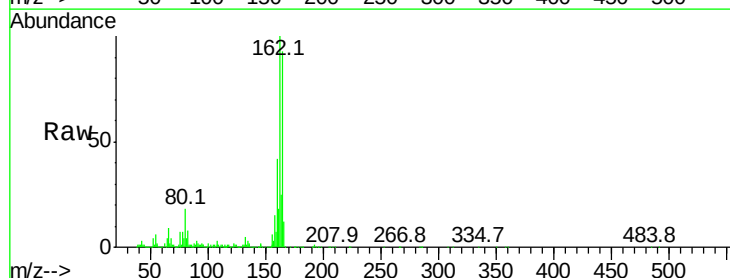
Instrument :
BNA_G
ClientSampleId :

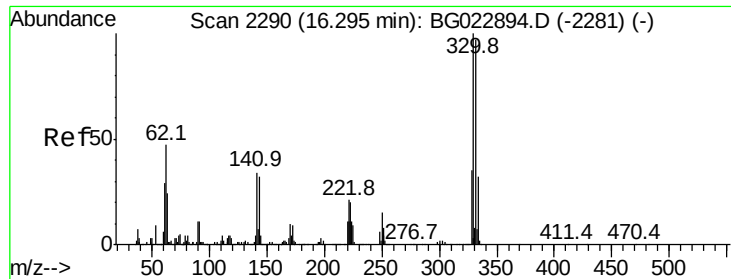
Tot Ion	82	Resp	881406
Ion Ratio	100	Lower	Upper
128	34.9	24.4	36.6
54	47.0	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG022938.D
Acq: 8 Jul 2016 20:05

Tgt Ion	164	Resp	384733
Ion Ratio	100	Lower	Upper
162	107.9	87.7	131.5
160	45.5	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 116.65 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022938.D

Acq: 8 Jul 2016 20:05

Instrument :

BNA_G

ClientSampleId :

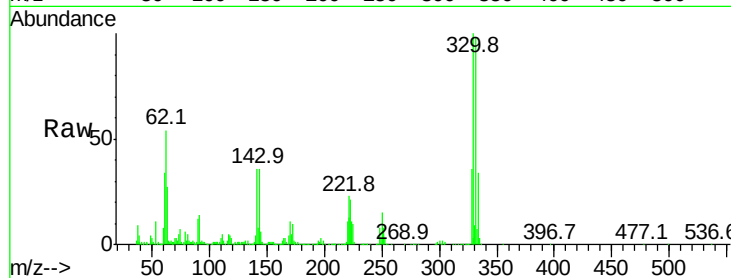
Tot Ion:330 Resp: 806596

Ion Ratio Lower Upper

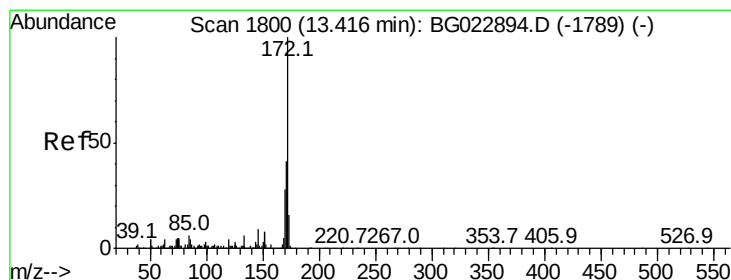
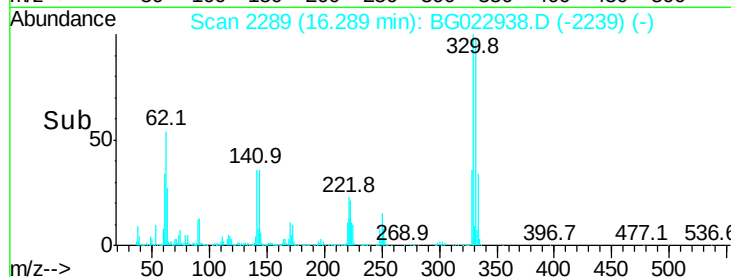
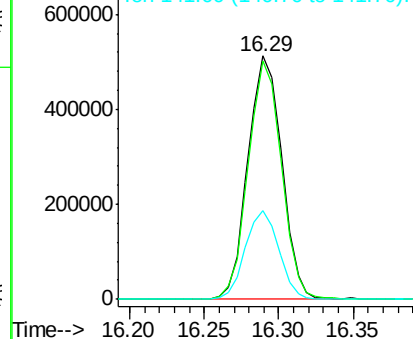
330 100

332 96.0 77.4 116.2

141 35.8 31.7 47.5



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: 77.95 ng

RT: 13.42 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG022938.D

Acq: 8 Jul 2016 20:05

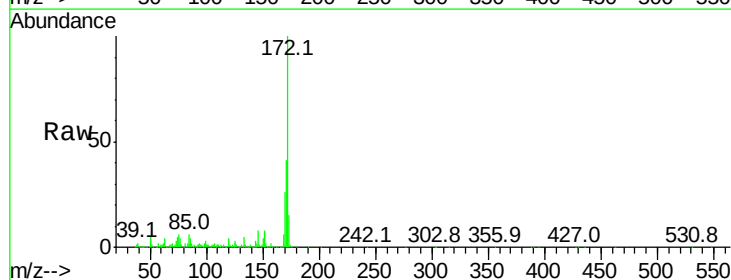
Tgt Ion:172 Resp: 1903952

Ion Ratio Lower Upper

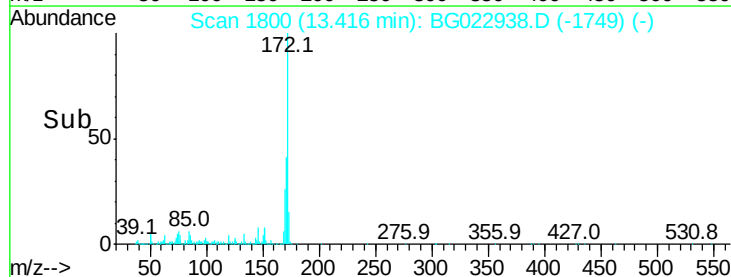
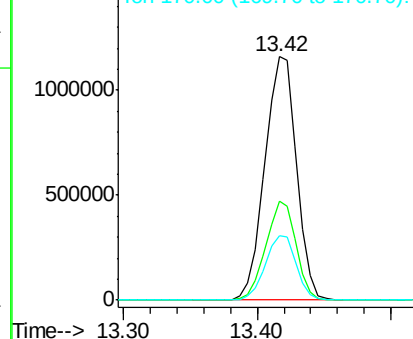
172 100

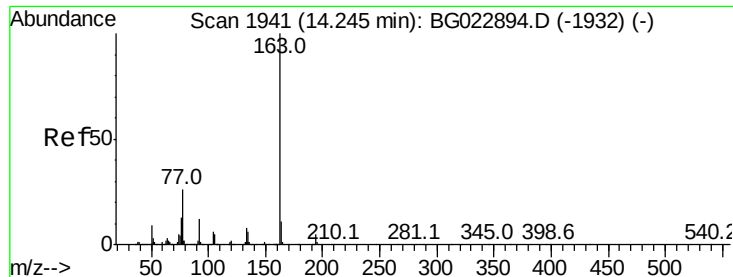
171 40.7 31.6 47.4

170 26.3 21.3 31.9



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: 2.21 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022938.D

Acq: 8 Jul 2016 20:05

Instrument :

BNA_G

ClientSampleId :

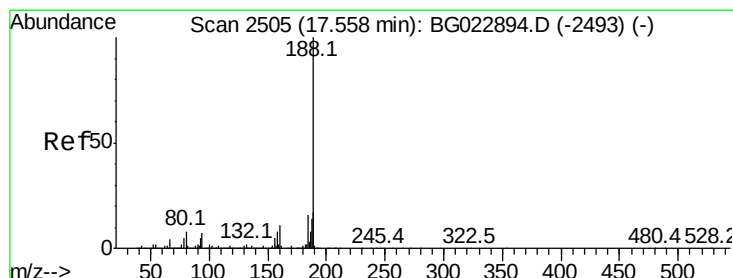
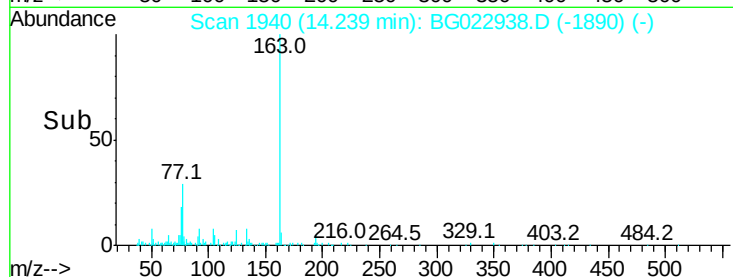
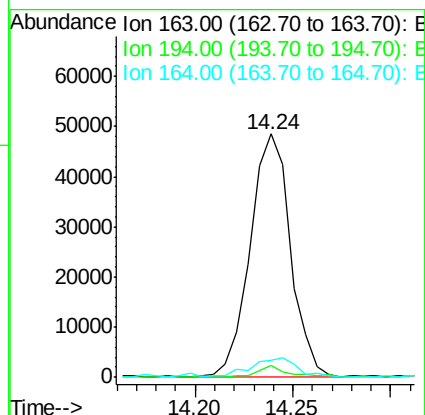
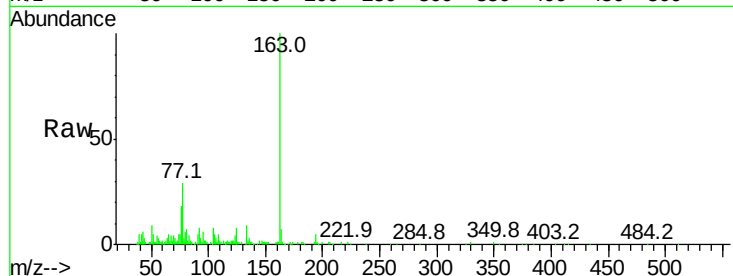
Tot Ion:163 Resp: 69401

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

164 6.8 8.1 12.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022938.D

Acq: 8 Jul 2016 20:05

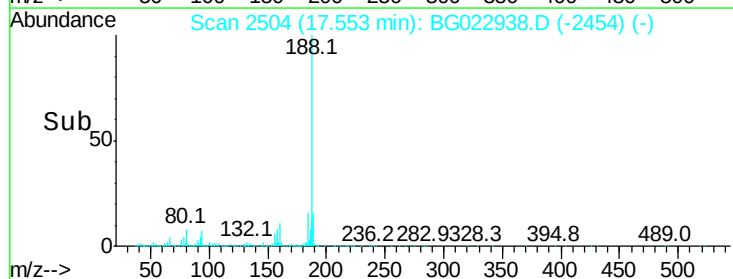
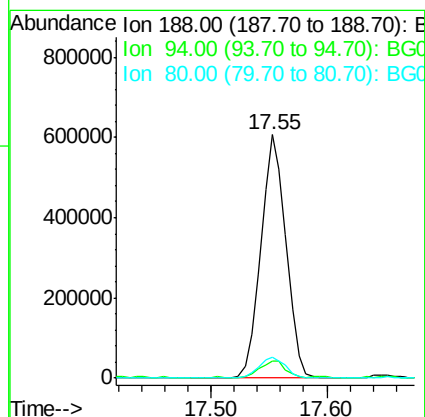
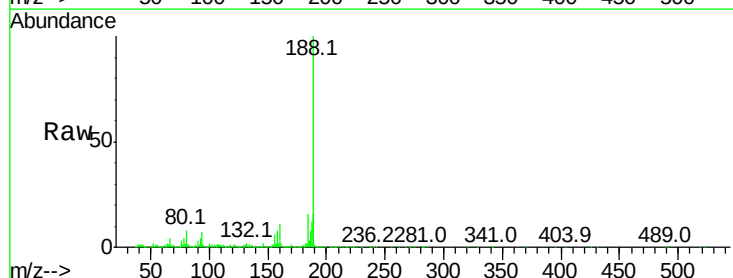
Tgt Ion:188 Resp: 919604

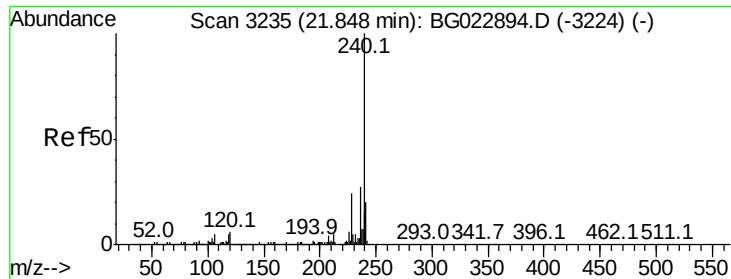
Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

80 8.3 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022938.D

Acq: 8 Jul 2016 20:05

Instrument :

BNA_G

ClientSampleId :

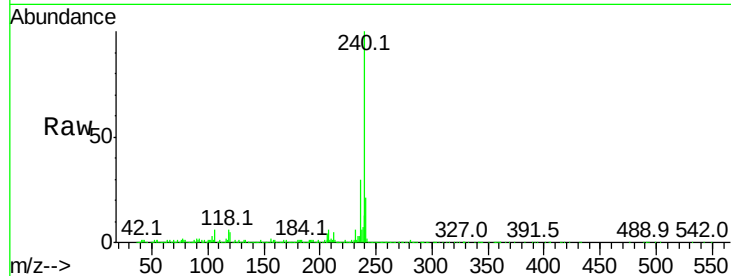
Tot Ion:240 Resp: 1052646

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

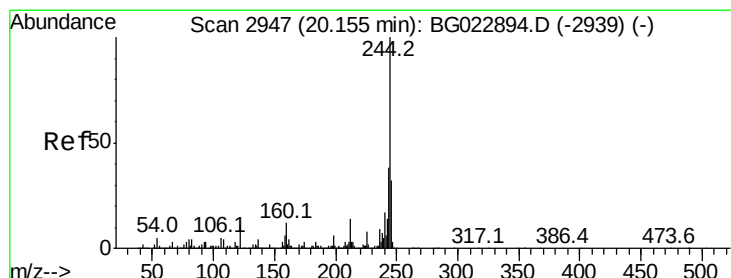
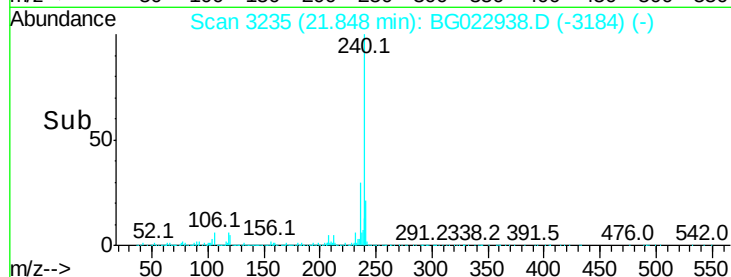
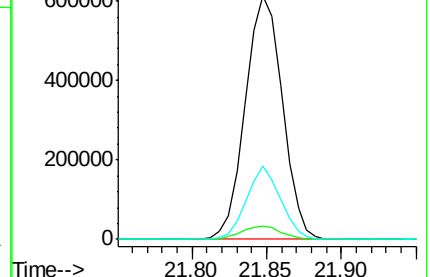
236 30.2 21.1 31.7



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: 91.38 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022938.D

Acq: 8 Jul 2016 20:05

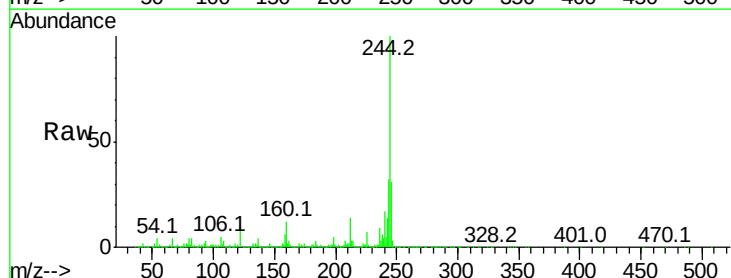
Tgt Ion:244 Resp: 2947550

Ion Ratio Lower Upper

244 100

212 13.6 10.8 16.2

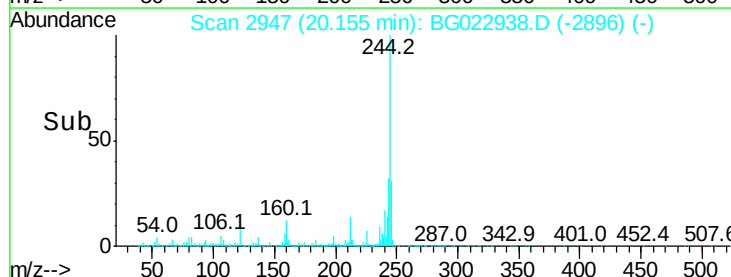
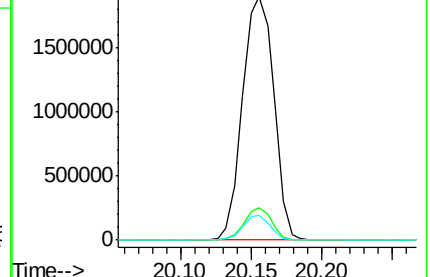
122 10.3 8.0 12.0

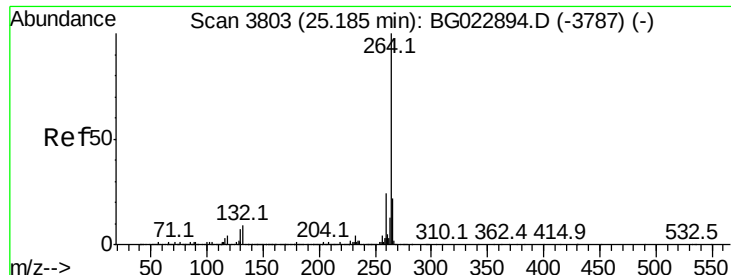


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022938.D
Acq: 8 Jul 2016 20:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1087826

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.9	18.9	28.3

