

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020417\
 Data File : BG025802.D
 Acq On : 3 Feb 2017 19:55
 Operator : SJ/MA
 Sample : PB96140BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96140BL

Quant Time: Feb 03 22:20:37 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	78242	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	353677	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	285742	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	643711	20.00	ng	0.00
75) Chrysene-d12	21.83	240	794577	20.00	ng	0.00
86) Perylene-d12	25.21	264	765141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	691046	158.29	ng	0.00
7) Phenol-d6	7.33	99	985215	154.52	ng	0.00
23) Nitrobenzene-d5	9.35	82	695454	83.08	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	490419	120.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1485109	84.41	ng	0.00
78) Terphenyl-d14	20.12	244	2509074	76.22	ng	0.00

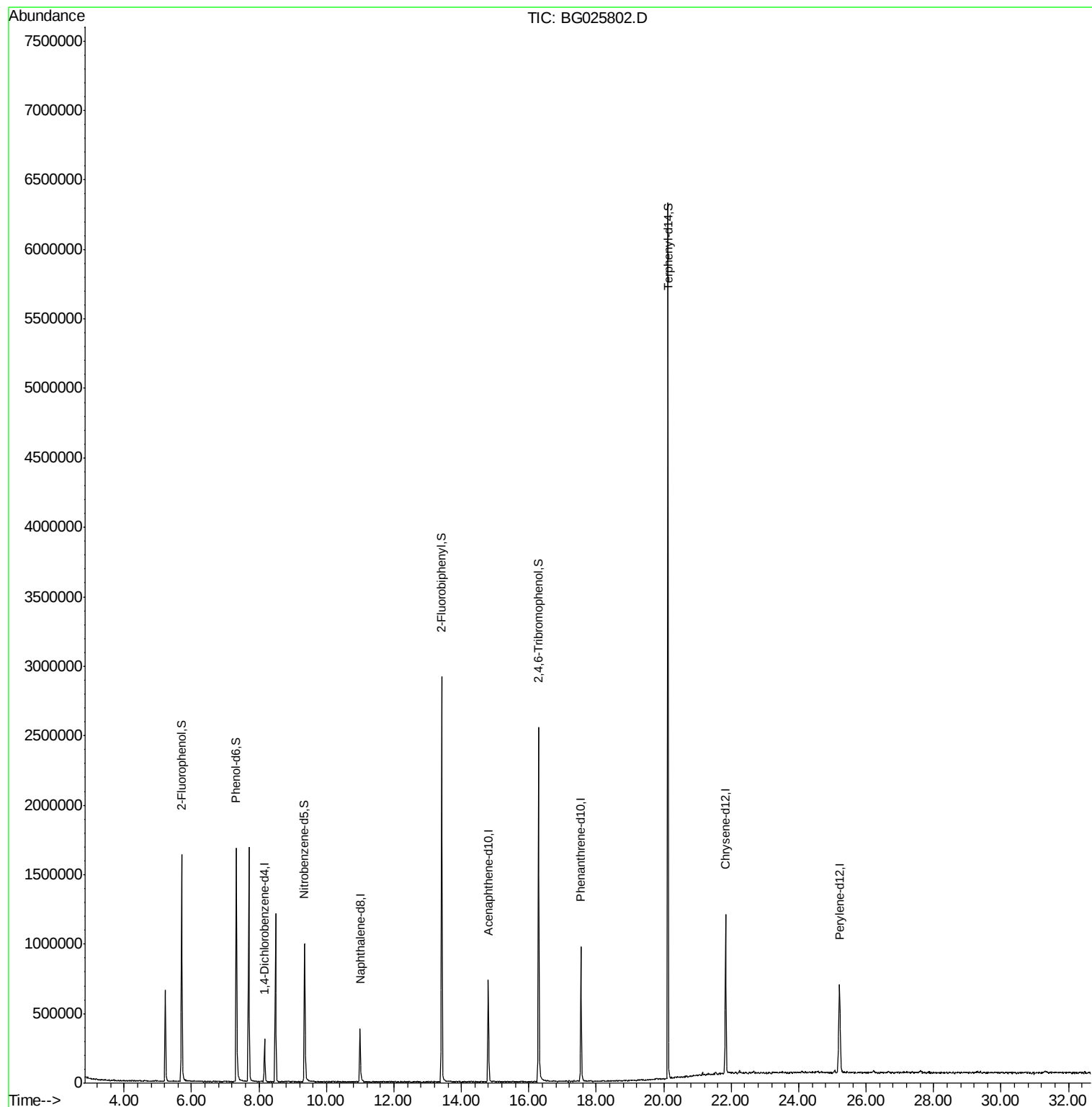
Target Compounds	Qvalue
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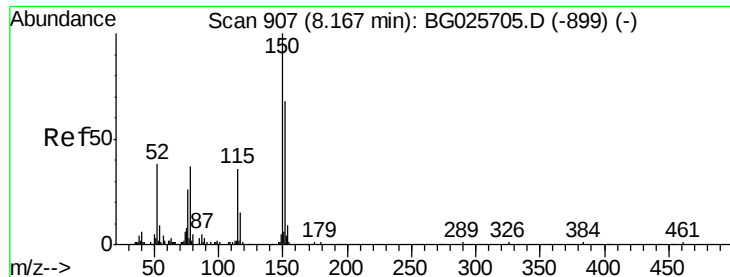
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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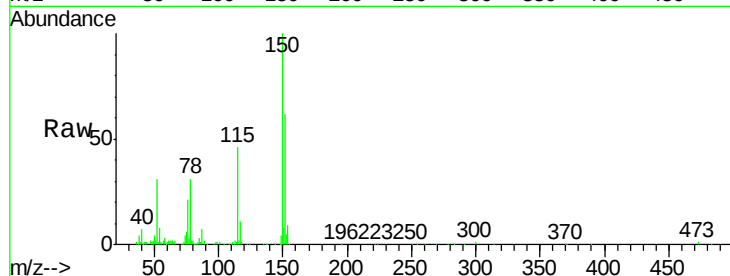


#1

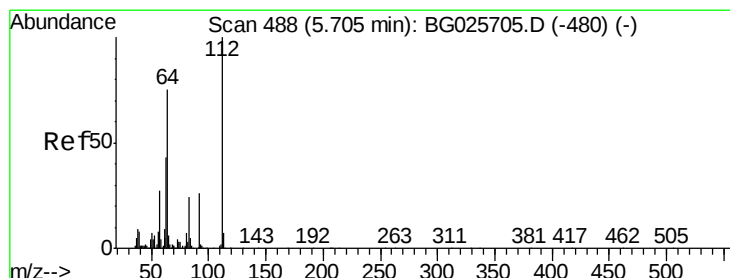
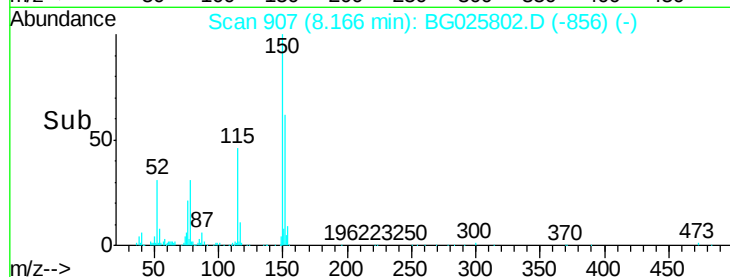
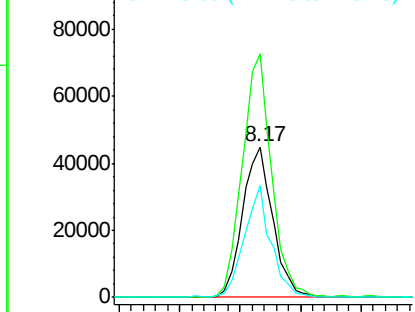
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG025802.D
Acq: 3 Feb 2017 19:55

Instrument :
BNA_G
ClientSampleId :
PB96140BL

Tgt Ion:152 Resp: 78242
Ion Ratio Lower Upper
152 100
150 161.5 114.0 171.0
115 74.1 48.1 72.1#



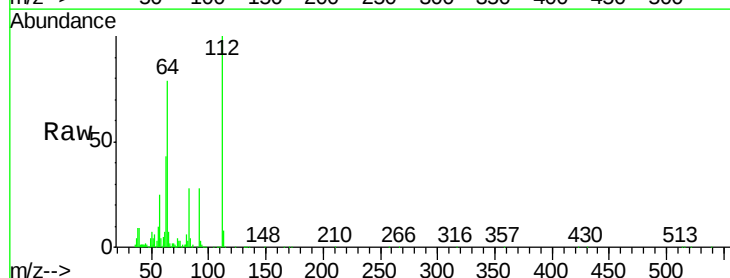
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



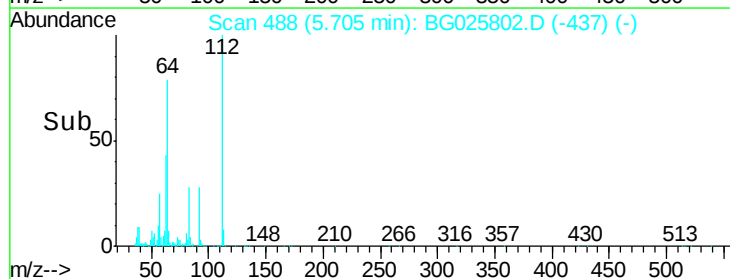
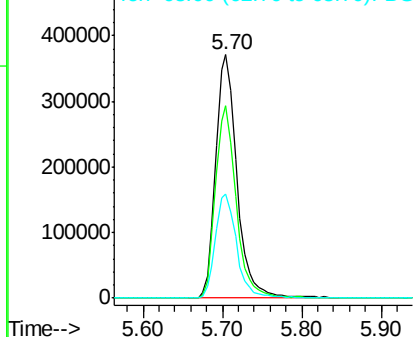
#5

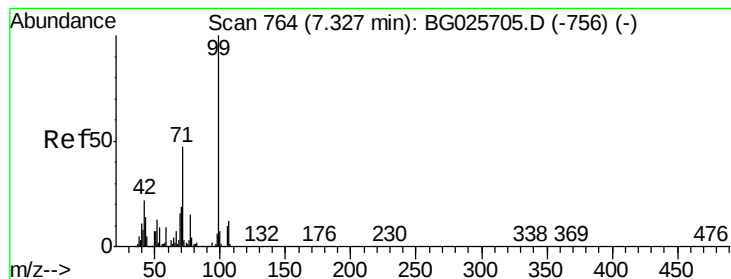
2-Fluorophenol
Concen: 158.29 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG025802.D
Acq: 3 Feb 2017 19:55

Tgt Ion:112 Resp: 691046
Ion Ratio Lower Upper
112 100
64 79.2 61.8 92.6
63 42.8 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: 154.52 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG025802.D

Acq: 3 Feb 2017 19:55

Instrument :

BNA_G

ClientSampleId :

PB96140BL

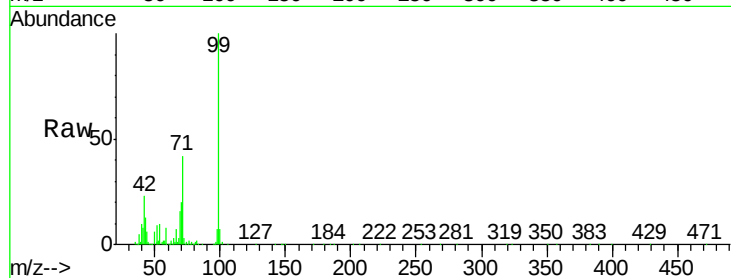
Tgt Ion: 99 Resp: 985215

Ion Ratio Lower Upper

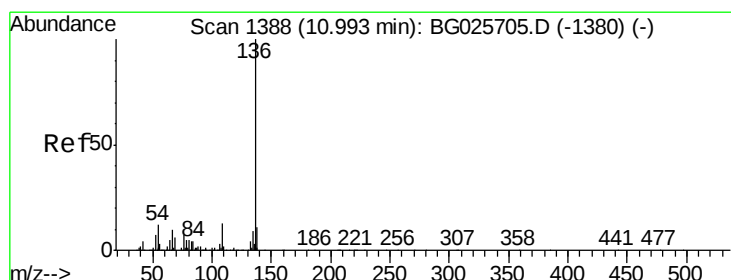
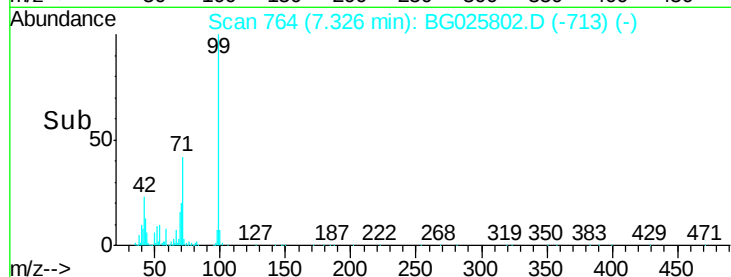
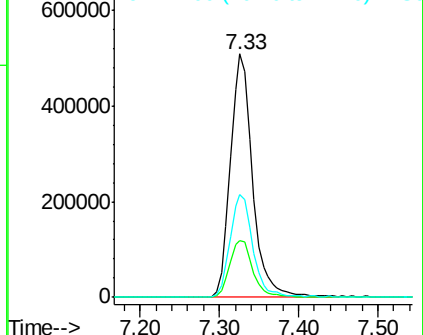
99 100

42 23.3 20.5 30.7

71 42.3 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: 10.99 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BG025802.D

Acq: 3 Feb 2017 19:55

Tgt Ion: 136 Resp: 353677

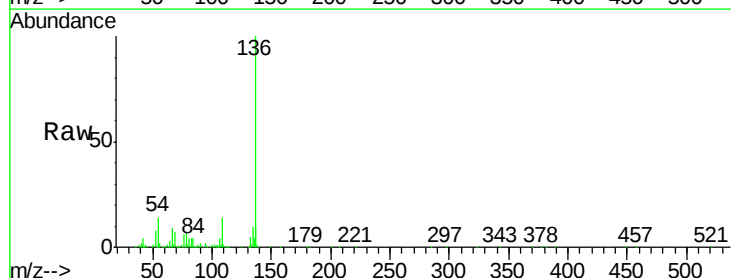
Ion Ratio Lower Upper

136 100

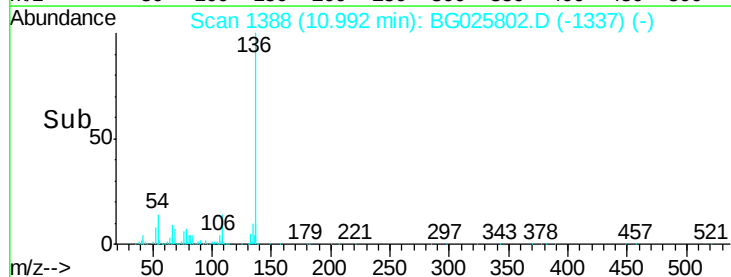
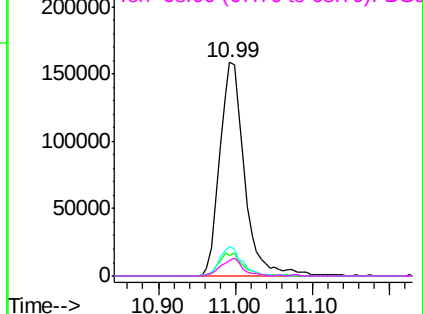
137 9.8 8.9 13.3

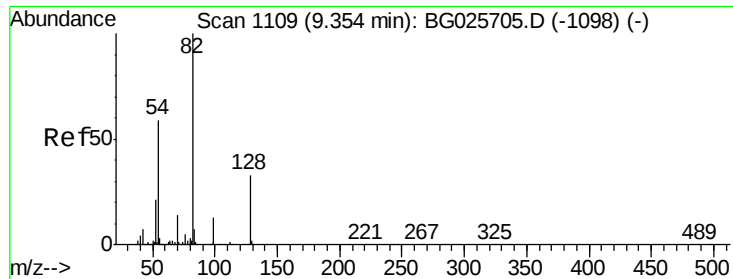
54 13.9 9.3 13.9#

68 7.2 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

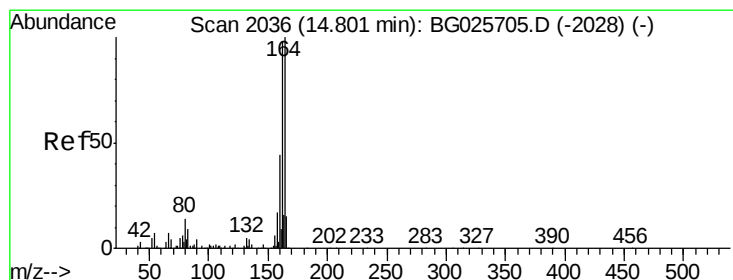
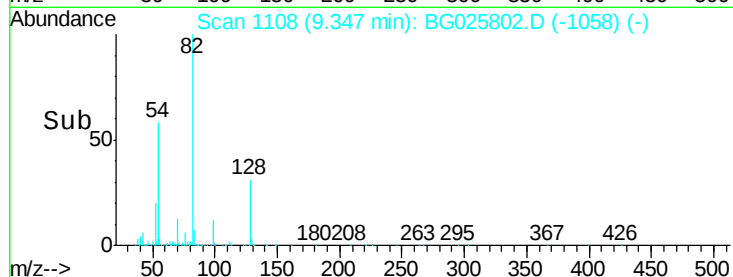
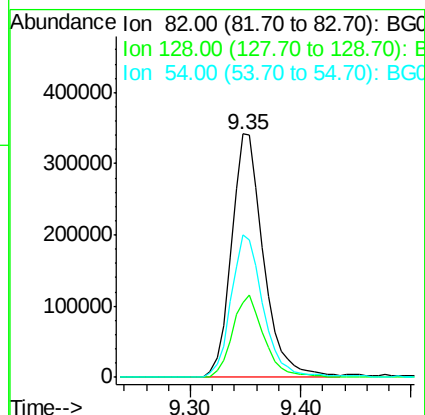
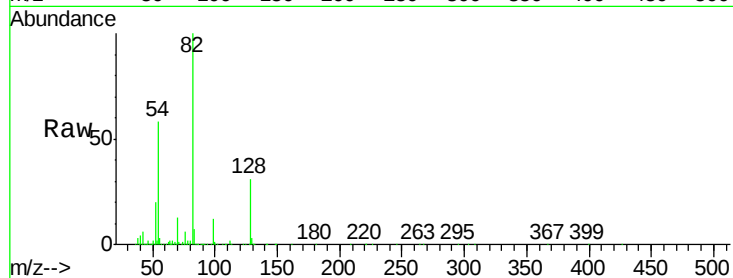




#23
 Nitrobenzene-d5
 Concen: 83.08 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025802.D
 Acq: 3 Feb 2017 19:55

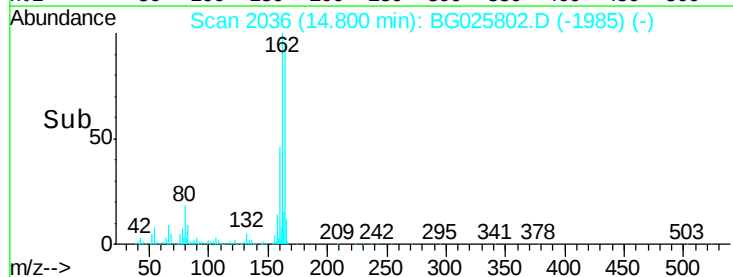
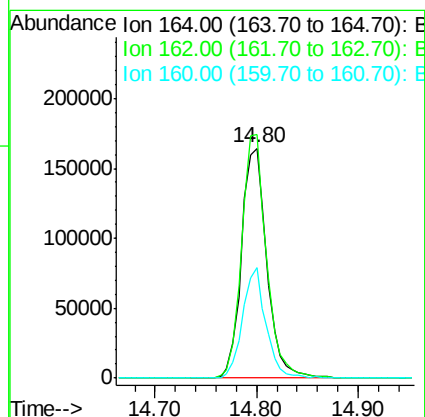
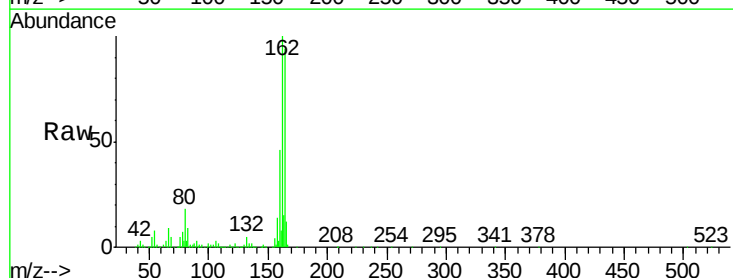
Instrument :
 BNA_G
 ClientSampleId :
 PB96140BL

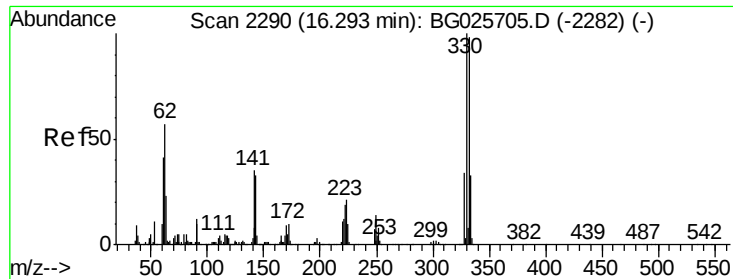
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.9	26.4	39.6
54	58.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG025802.D
 Acq: 3 Feb 2017 19:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.1	127.7
160	48.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 120.35 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG025802.D

Acq: 3 Feb 2017 19:55

Instrument :

BNA_G

ClientSampleId :

PB96140BL

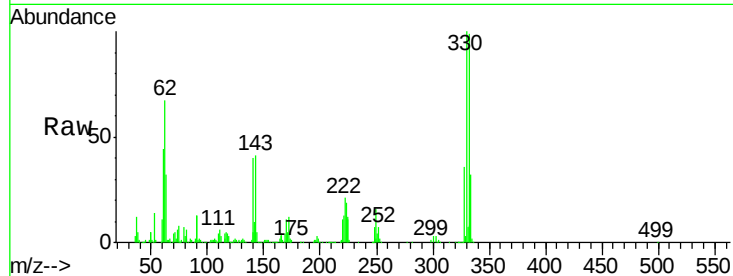
Tgt Ion:330 Resp: 490419

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

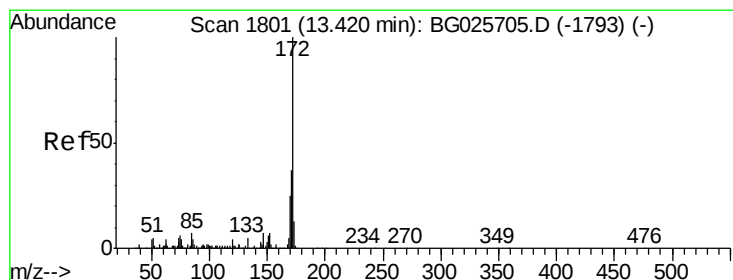
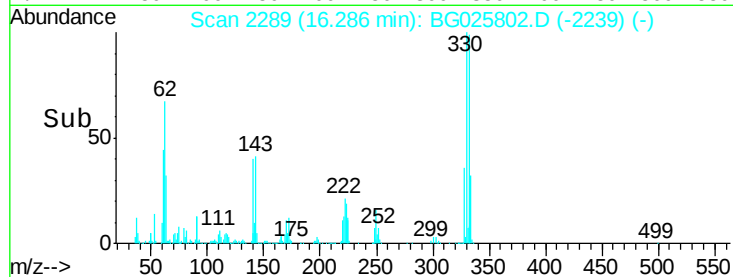
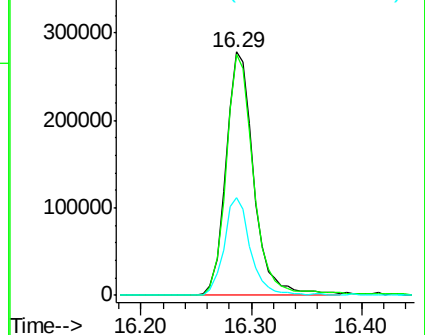
141 37.9 32.1 48.1



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: 84.41 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG025802.D

Acq: 3 Feb 2017 19:55

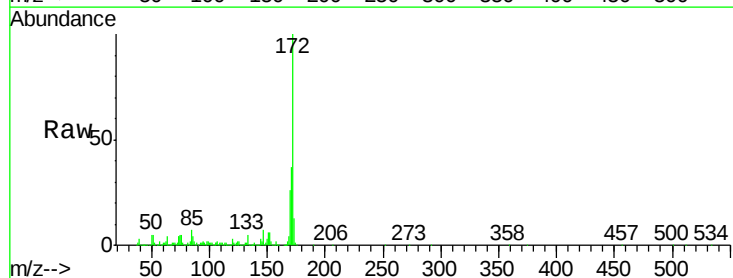
Tgt Ion:172 Resp: 1485109

Ion Ratio Lower Upper

172 100

171 37.1 32.2 48.2

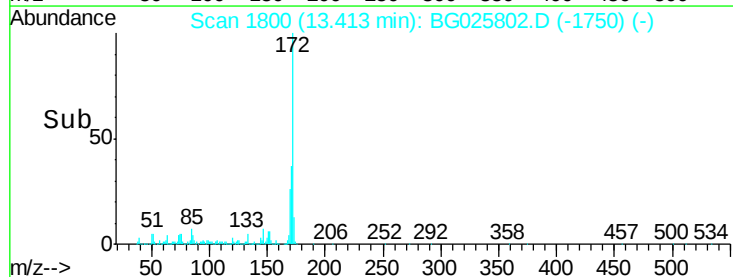
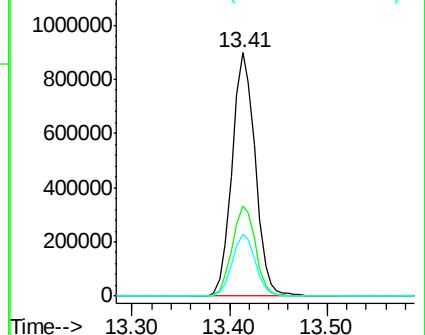
170 25.5 21.8 32.6

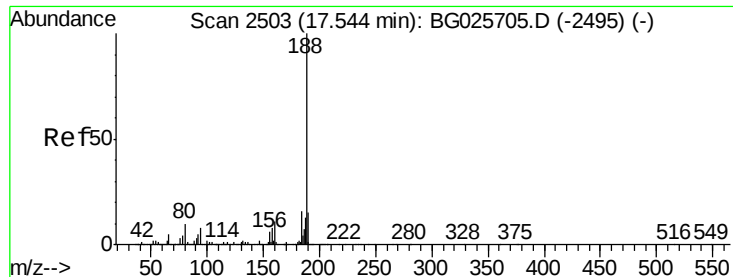


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

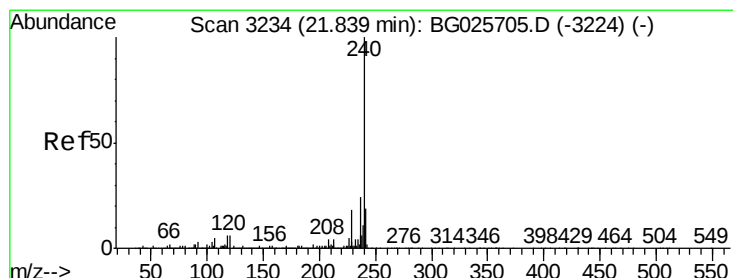
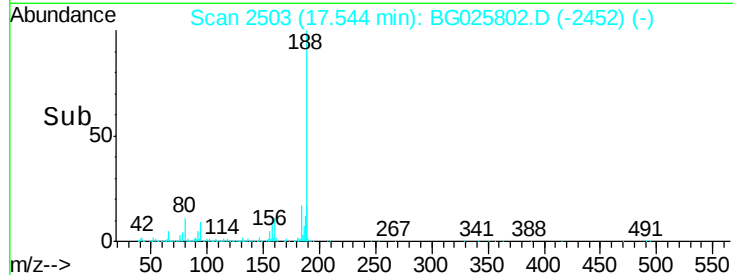
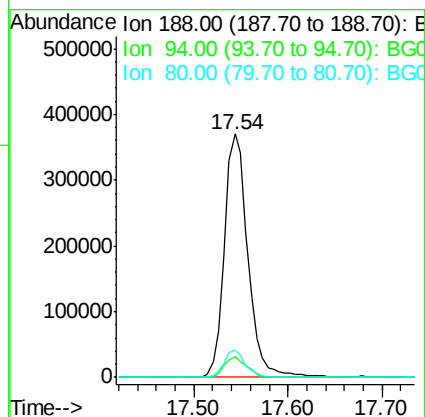
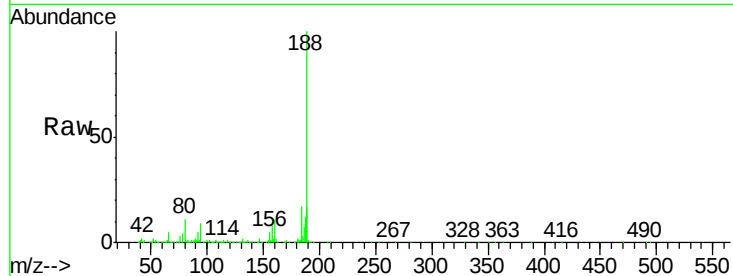




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG025802.D
Acq: 3 Feb 2017 19:55

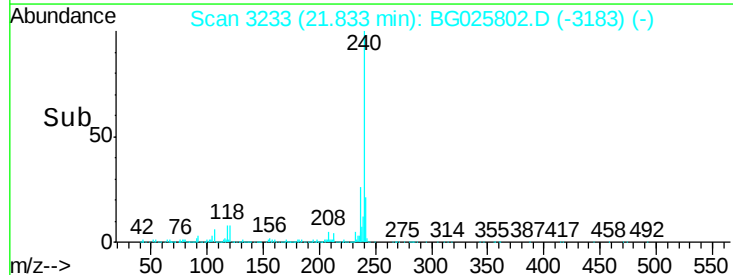
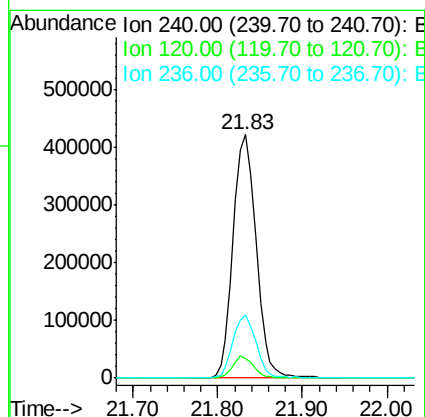
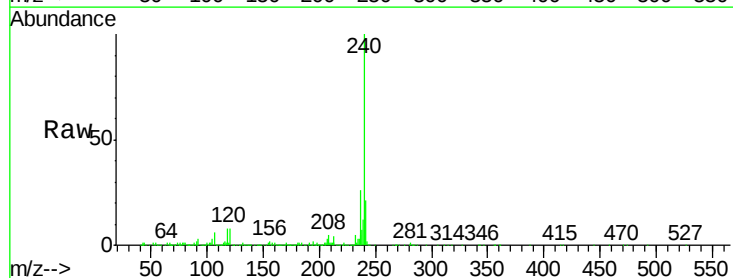
Instrument :
BNA_G
ClientSampleId :
PB96140BL

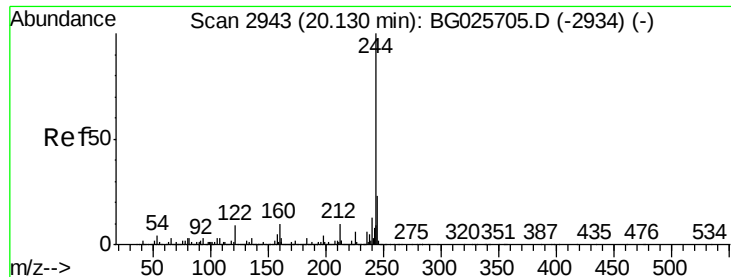
Tgt Ion:188 Resp: 643711
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.8
80 11.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG025802.D
Acq: 3 Feb 2017 19:55

Tgt Ion:240 Resp: 794577
Ion Ratio Lower Upper
240 100
120 8.1 5.7 8.5
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 76.22 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025802.D

Acq: 3 Feb 2017 19:55

Instrument :

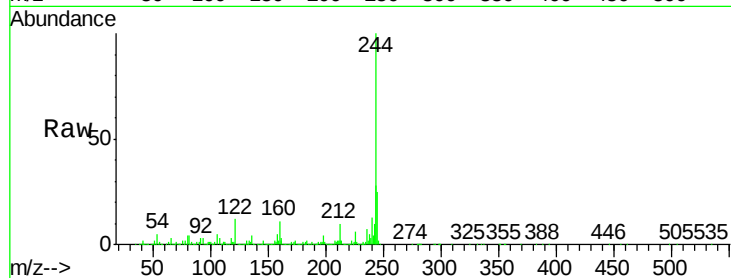
BNA_G

ClientSampleId :

PB96140BL

Tgt Ion:244 Resp: 2509074

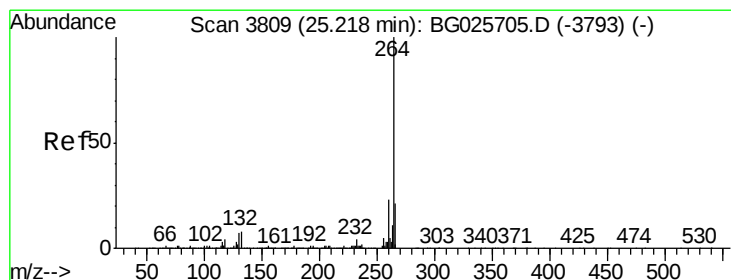
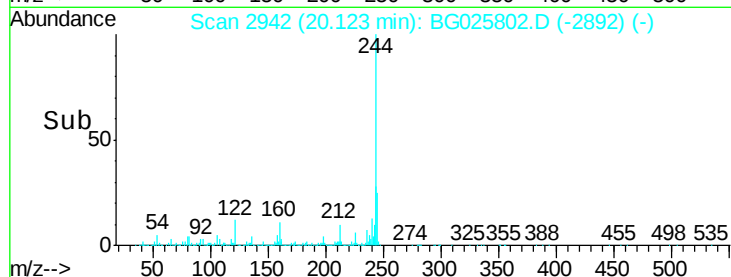
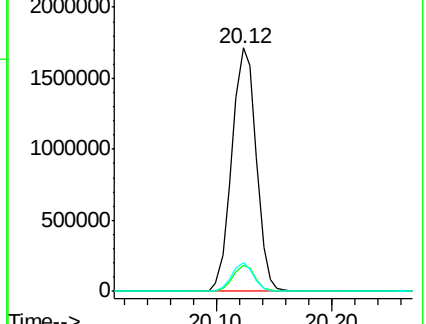
Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.0	15.0
122	11.5	8.6	12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

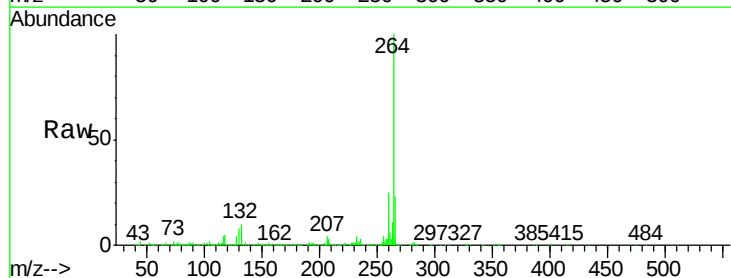
Delta R.T. -0.01 min

Lab File: BG025802.D

Acq: 3 Feb 2017 19:55

Tgt Ion:264 Resp: 765141

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.8	32.8
265	23.2	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

