

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030940.D
 Acq On : 11 Nov 2017 12:45
 Operator : SJ/JU
 Sample : I6399-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-A-13-B

Quant Time: Nov 13 03:20:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

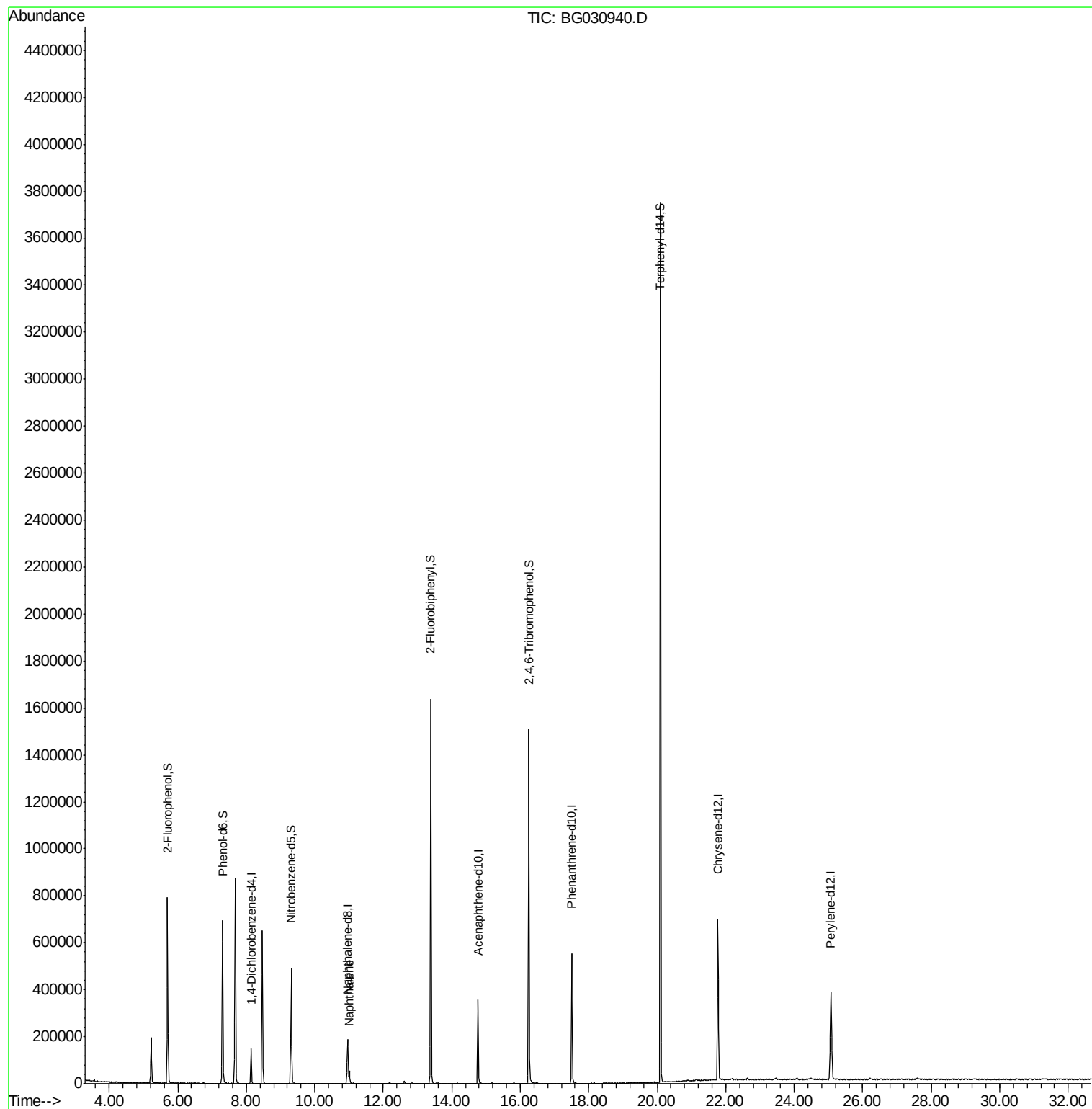
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44218	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	190147	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	133599	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	358020	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	450115	20.00	ng	-0.01
86) Perylene-d12	25.07	264	441882	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	364248	141.25	ng	0.00
7) Phenol-d6	7.31	99	427412	123.03	ng	0.00
23) Nitrobenzene-d5	9.31	82	312533	97.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	349304	161.63	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	915988	98.52	ng	-0.01
78) Terphenyl-d14	20.09	244	1868229	91.65	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	49406	5.285	ng	Qvalue 97

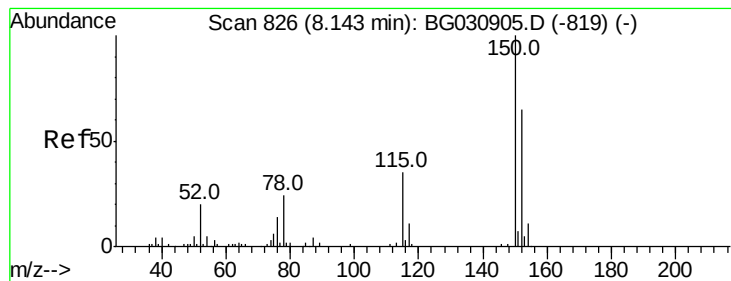
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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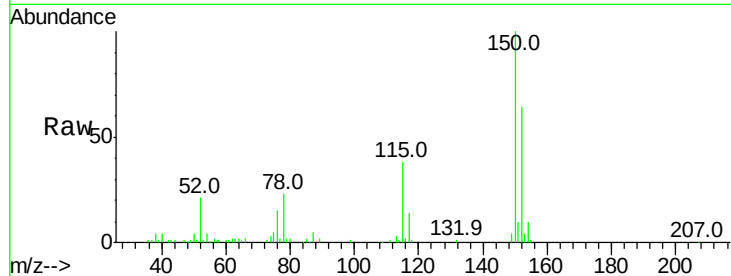


#1

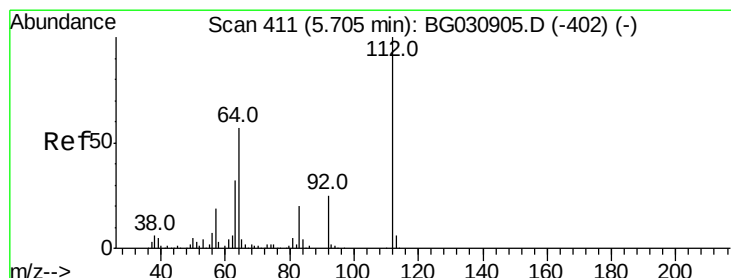
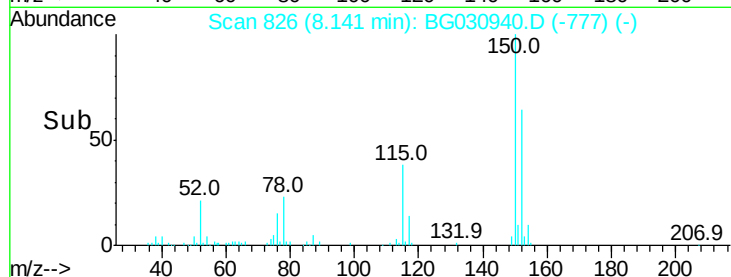
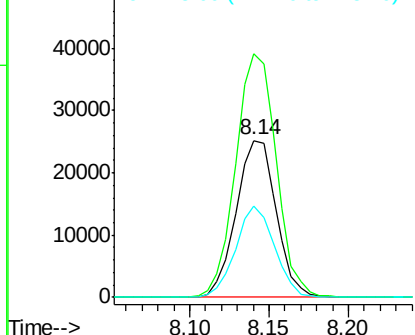
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030940.D
Acq: 11 Nov 2017 12:45

Instrument :
BNA_G
ClientSampleId :
TP-13-A-13-B

Tot Ion:152 Resp: 44218
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 58.3 53.0 79.4



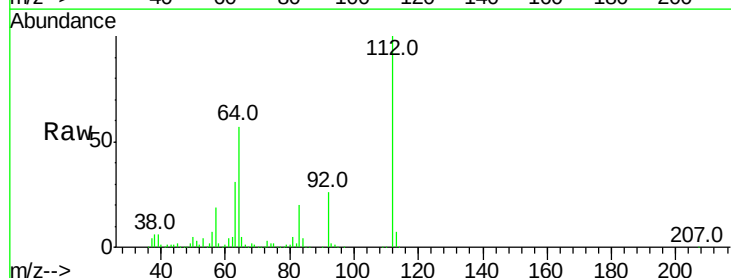
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



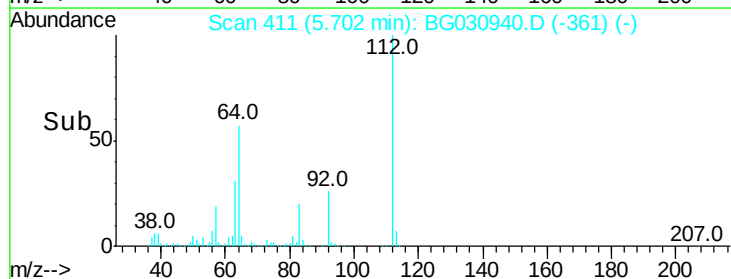
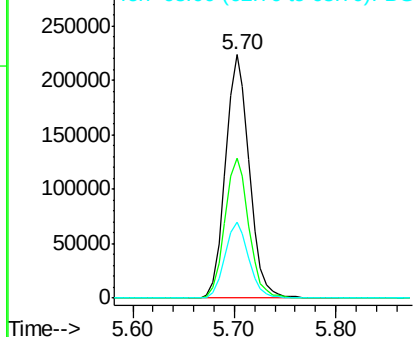
#5

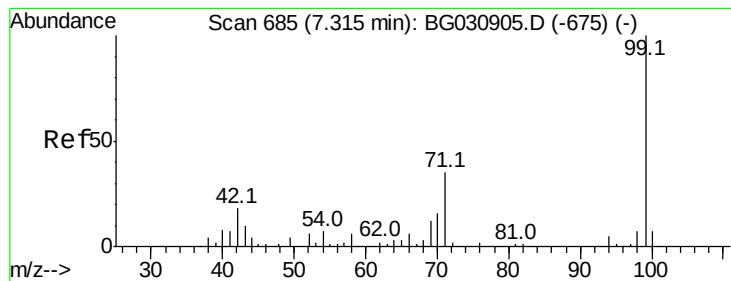
2-Fluorophenol
Concen: 141.254 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030940.D
Acq: 11 Nov 2017 12:45

Tgt Ion:112 Resp: 364248
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 30.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.031 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030940.D

Acq: 11 Nov 2017 12:45

Instrument :

BNA_G

ClientSampleId :

TP-13-A-13-B

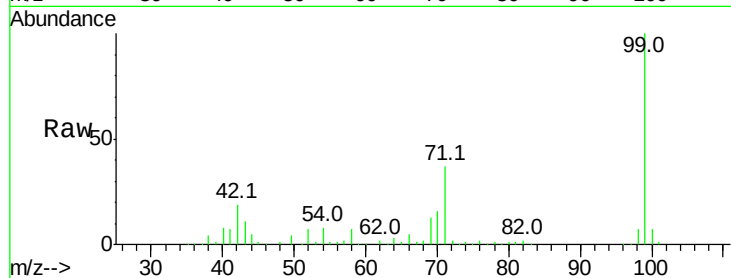
Tot Ion: 99 Resp: 427412

Ion Ratio Lower Upper

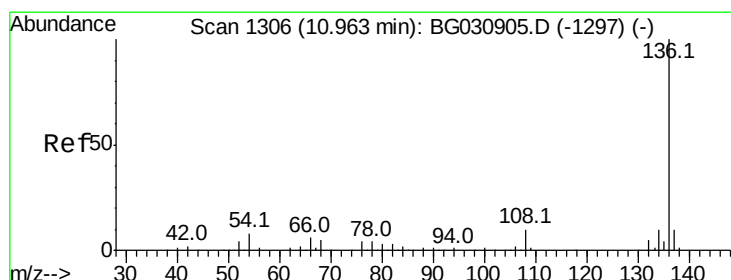
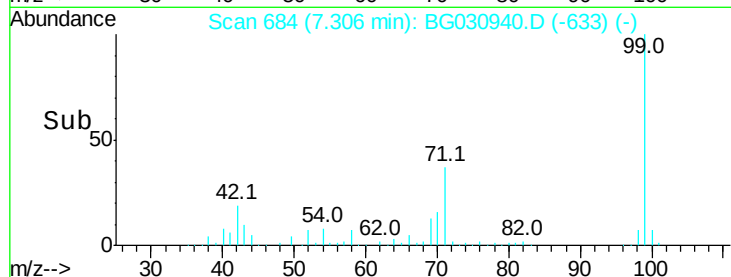
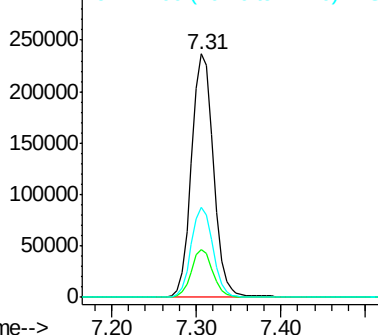
99 100

42 19.5 14.1 21.1

71 37.2 26.1 39.1



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: 20.000 ng

RT: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030940.D

Acq: 11 Nov 2017 12:45

Tgt Ion: 136 Resp: 190147

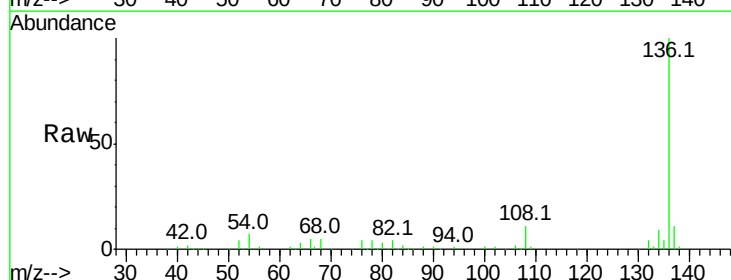
Ion Ratio Lower Upper

136 100

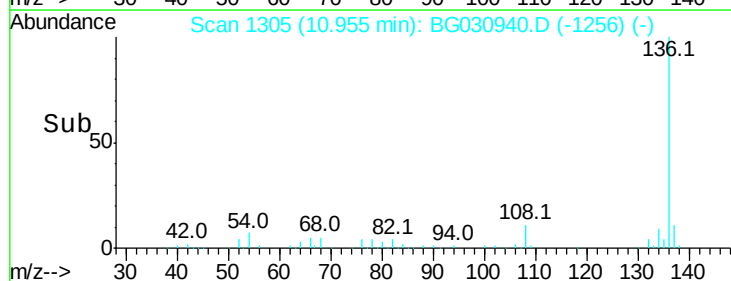
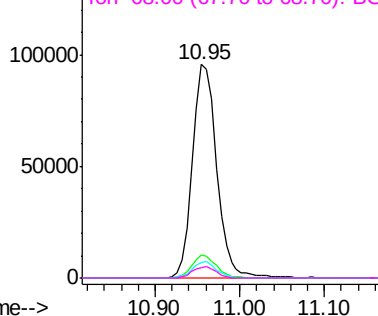
137 11.0 9.2 13.8

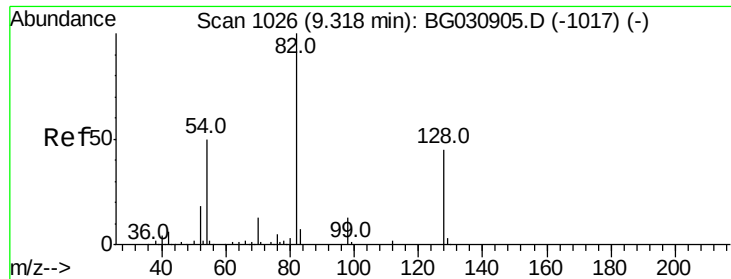
54 6.9 10.3 15.5#

68 4.9 4.5 6.7



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

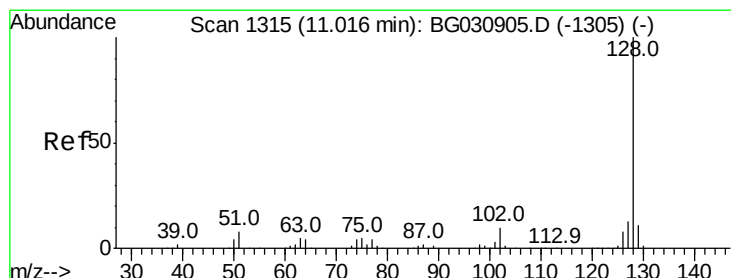
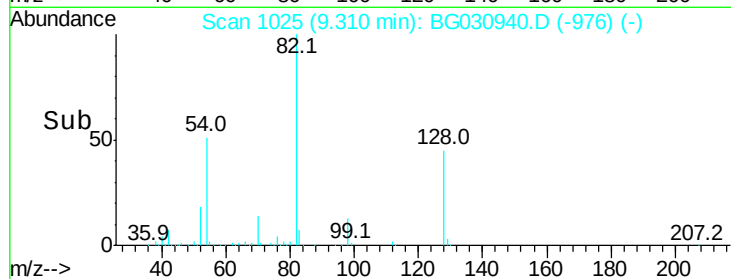
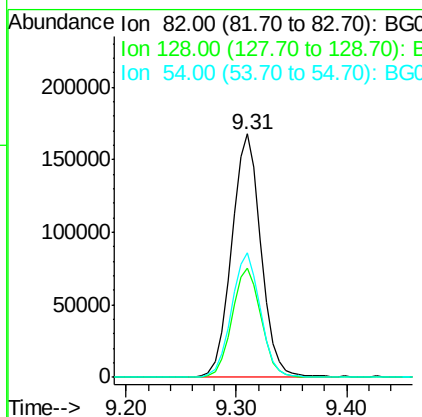
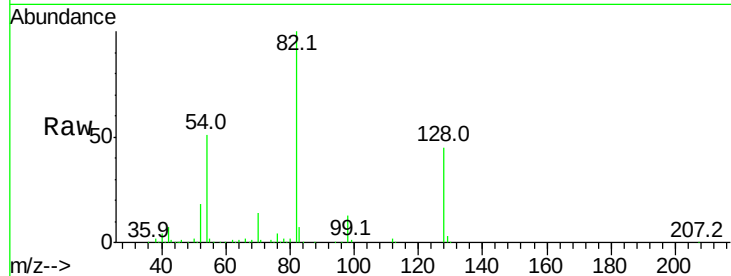




#23
Nitrobenzene-d5
Concen: 97.396 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030940.D
Acq: 11 Nov 2017 12:45

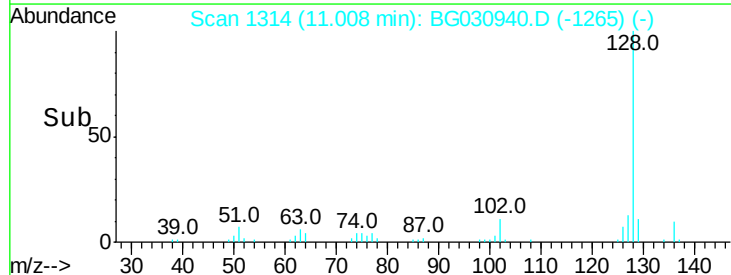
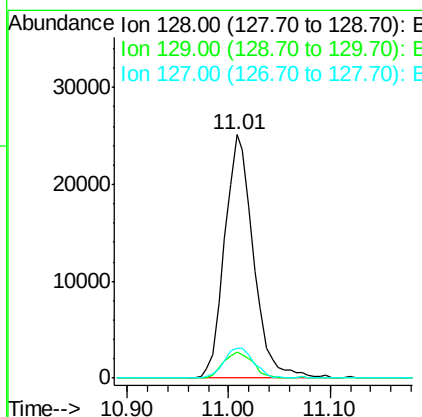
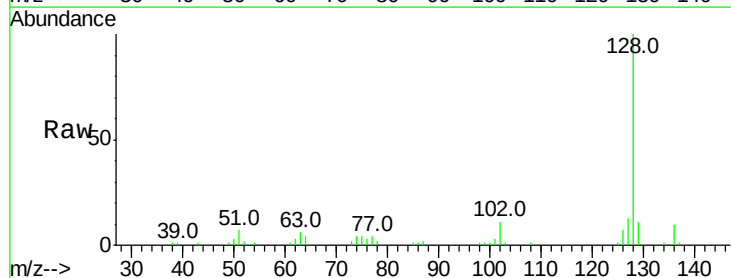
Instrument :
BNA_G
ClientSampleId :
TP-13-A-13-B

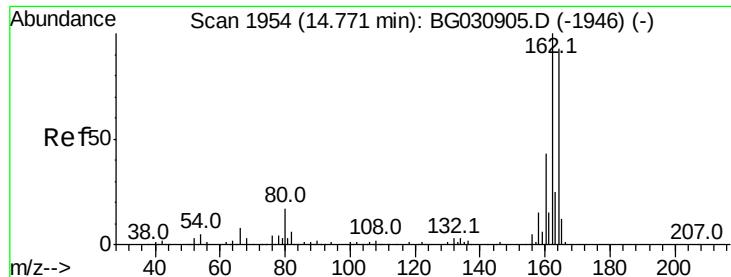
Tot Ion: 82 Resp: 312533
Ion Ratio Lower Upper
82 100
128 45.0 29.7 44.5#
54 50.9 43.1 64.7



#31
Naphthalene
Concen: 5.285 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG030940.D
Acq: 11 Nov 2017 12:45

Tgt Ion: 128 Resp: 49406
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.5 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030940.D

Acq: 11 Nov 2017 12:45

Instrument :

BNA_G

ClientSampleId :

TP-13-A-13-B

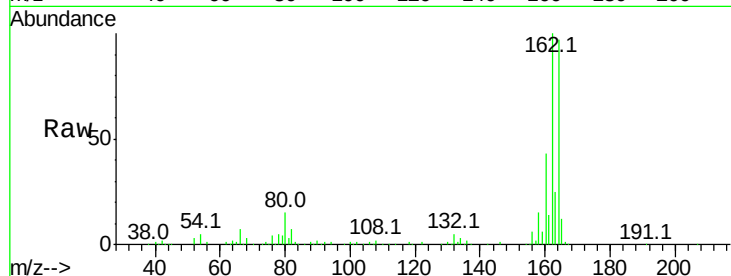
Tot Ion:164 Resp: 133599

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

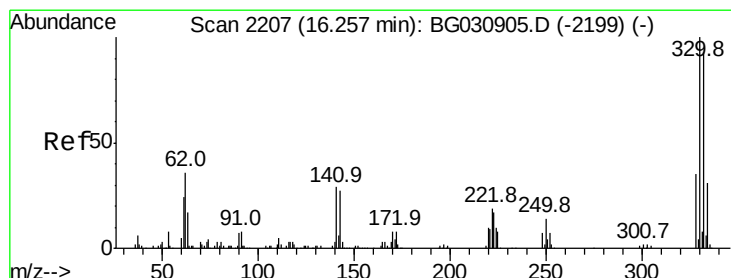
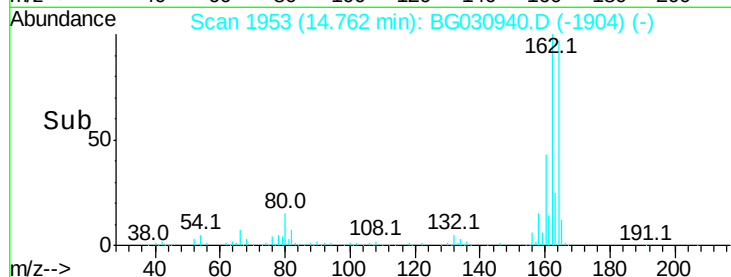
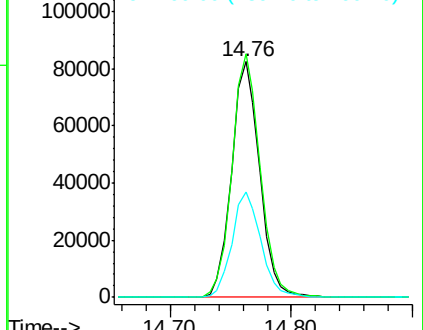
160 44.6 35.4 53.0



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: 161.625 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030940.D

Acq: 11 Nov 2017 12:45

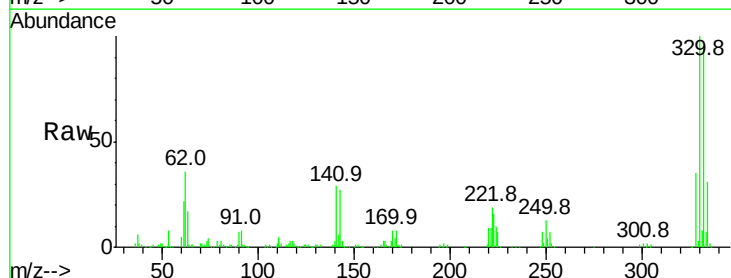
Tgt Ion:330 Resp: 349304

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

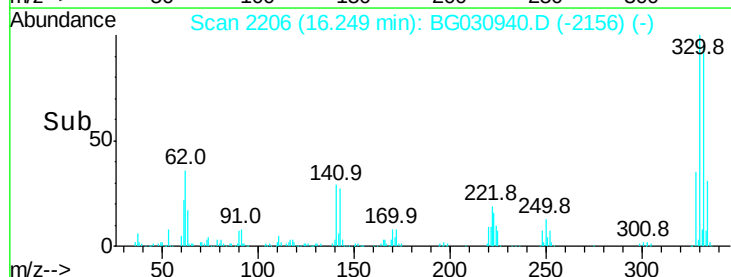
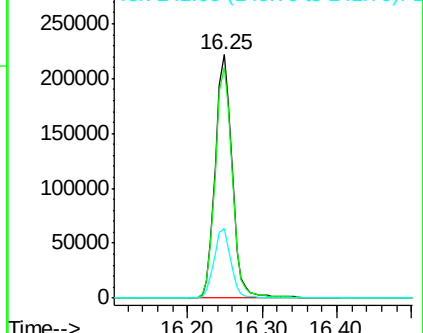
141 28.7 25.2 37.8

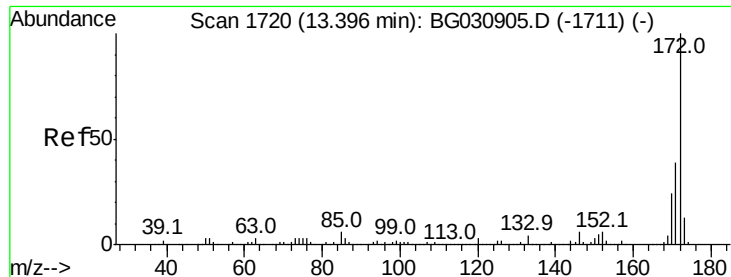


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



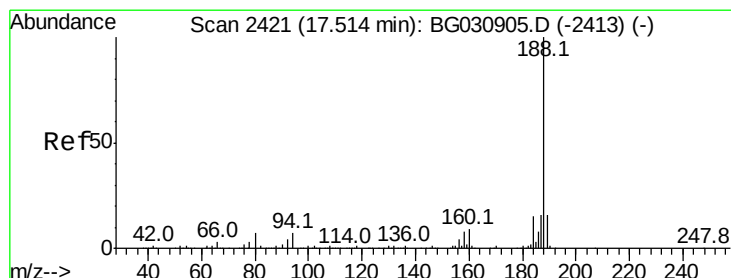
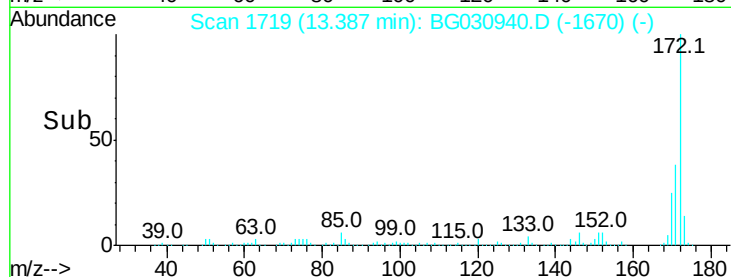
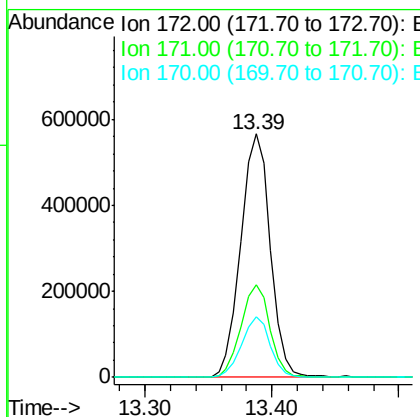
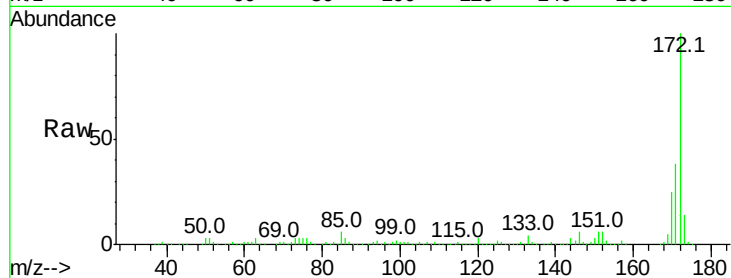


#44
 2-Fluorobiphenyl
 Concen: 98.517 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030940.D
 Acq: 11 Nov 2017 12:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-A-13-B

Tot Ion:172 Resp: 915988

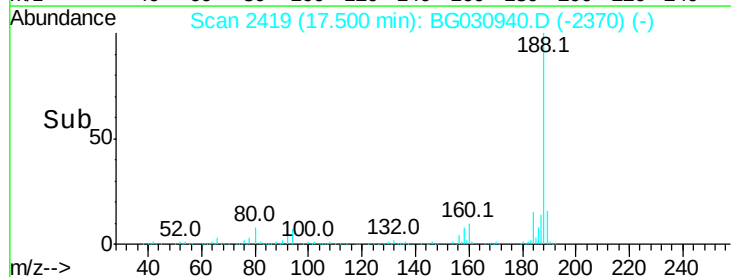
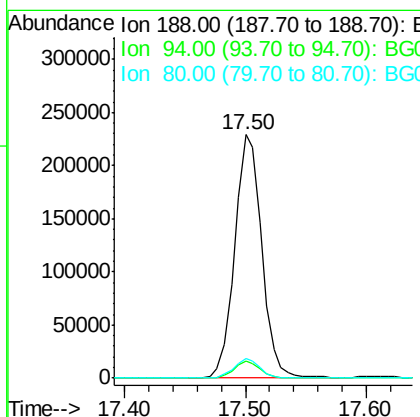
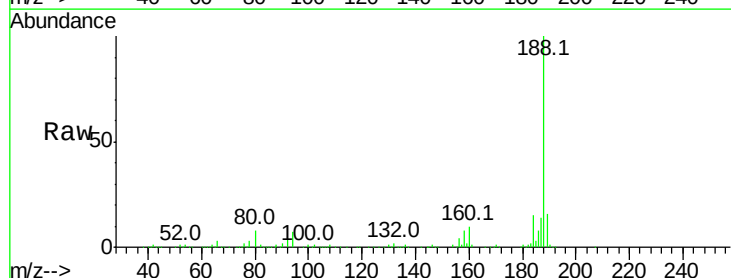
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.6	19.5	29.3

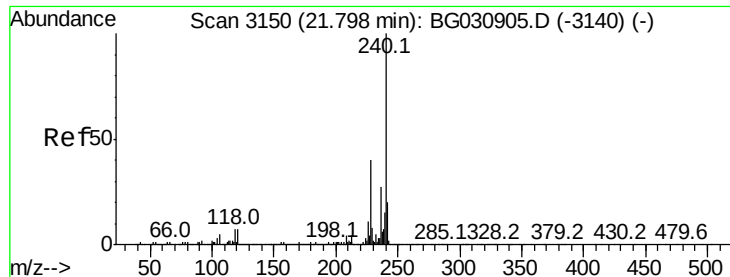


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030940.D
 Acq: 11 Nov 2017 12:45

Tgt Ion:188 Resp: 358020

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.9	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030940.D

Acq: 11 Nov 2017 12:45

Instrument :

BNA_G

ClientSampleId :

TP-13-A-13-B

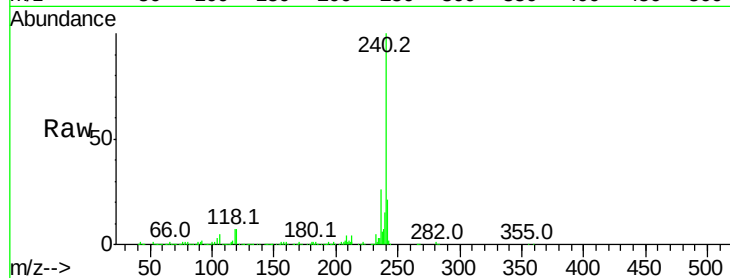
Tot Ion:240 Resp: 450115

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

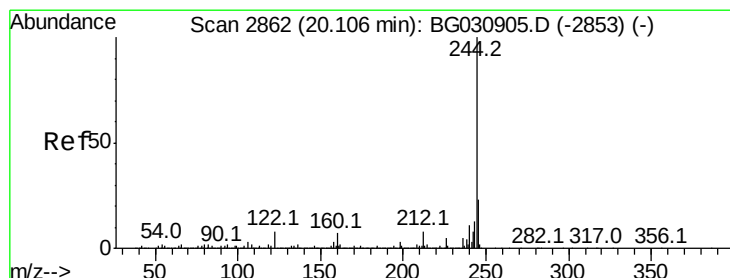
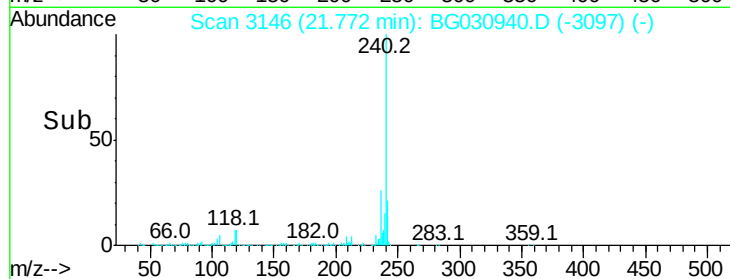
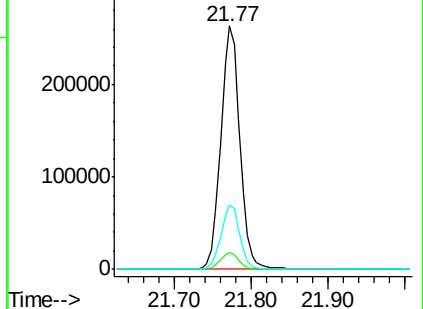
236 26.5 20.9 31.3



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: 91.648 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030940.D

Acq: 11 Nov 2017 12:45

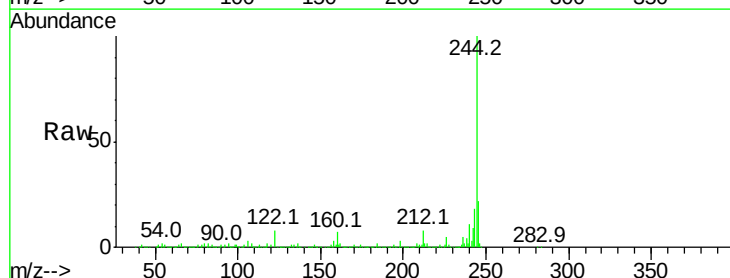
Tgt Ion:244 Resp: 1868229

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

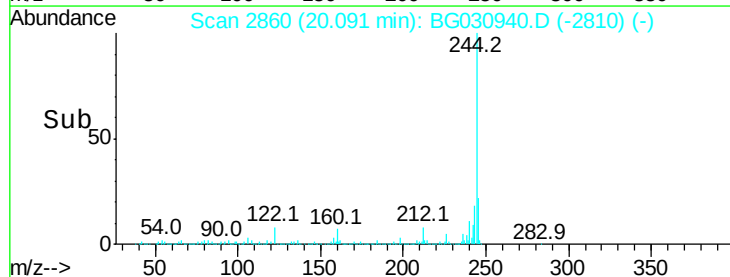
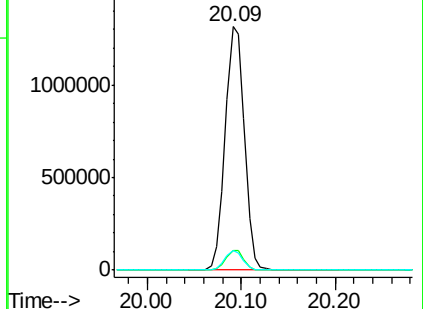
122 8.0 7.0 10.4

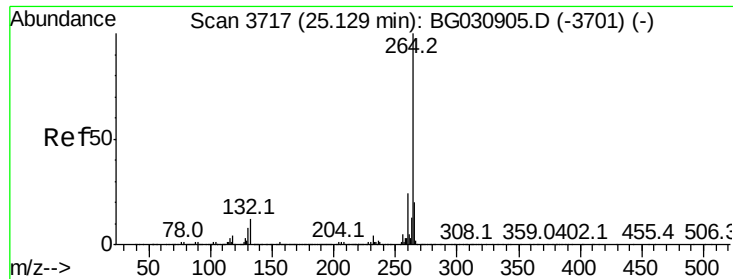


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

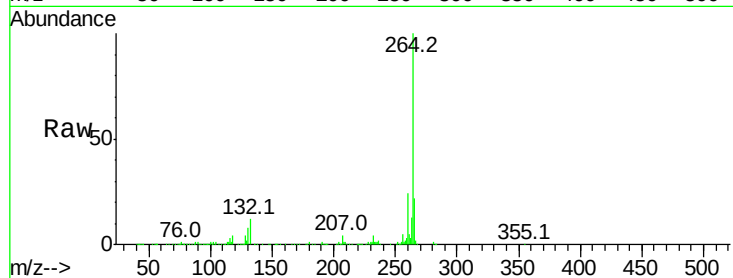




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG030940.D
Acq: 11 Nov 2017 12:45

Instrument :
BNA_G
ClientSampleId :
TP-13-A-13-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.8	17.7	26.5



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

