

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030925.D
 Acq On : 11 Nov 2017 2:44
 Operator : SJ/JU
 Sample : PB104149BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 02:51:45 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	37839	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	150711	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	100057	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	273826	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	409823	20.00	ng	-0.01
86) Perylene-d12	25.08	264	433247	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	213036	96.54	ng	0.00
7) Phenol-d6	7.31	99	266291	89.57	ng	0.00
23) Nitrobenzene-d5	9.31	82	157336	61.86	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	162556	100.43	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	467790	67.18	ng	-0.01
78) Terphenyl-d14	20.09	244	1064613	57.36	ng	0.00

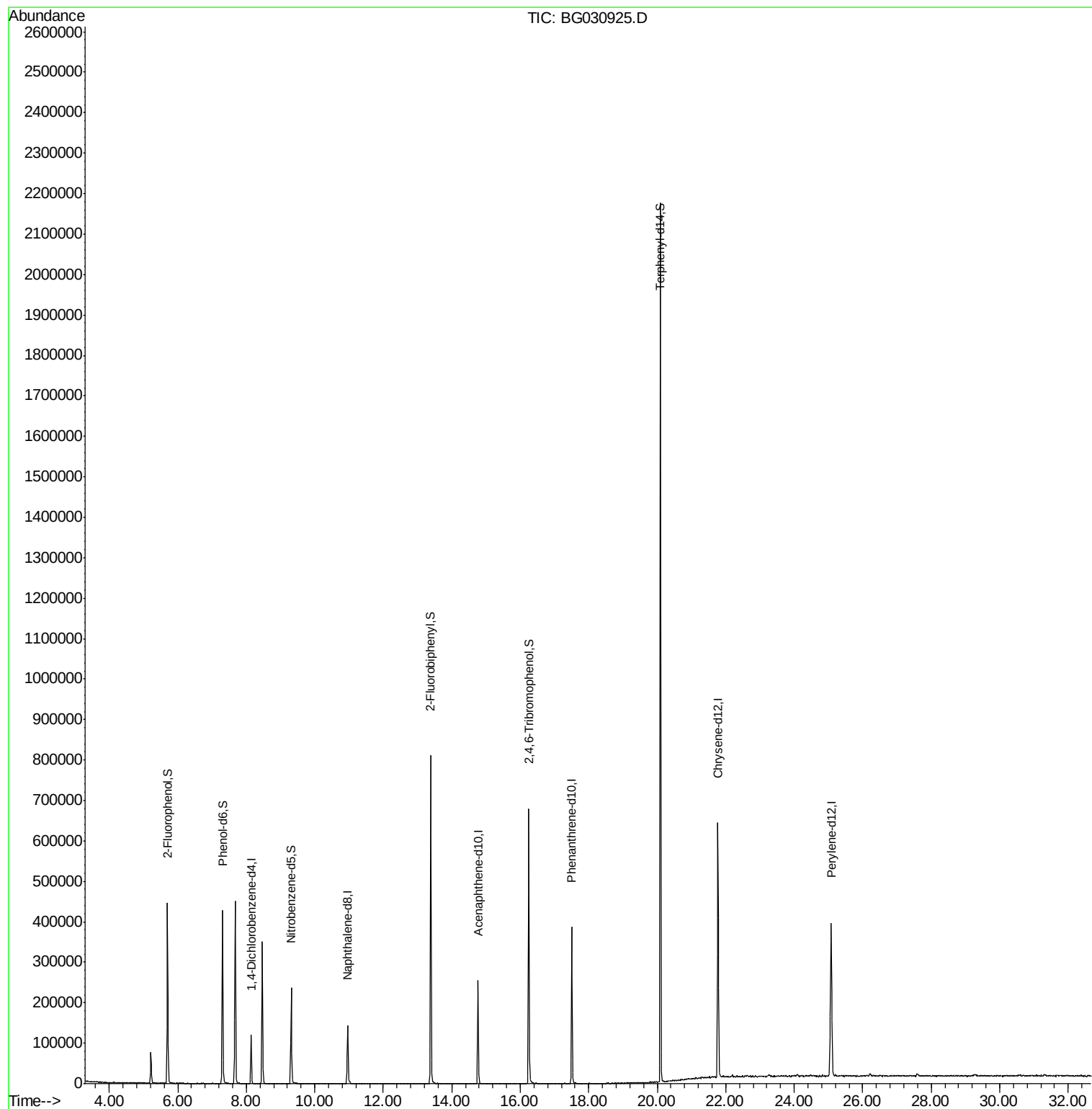
Target Compounds Qvalue

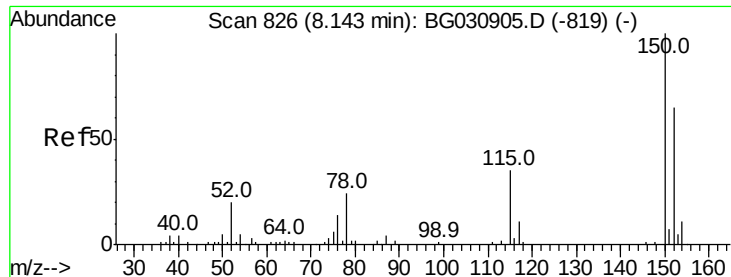
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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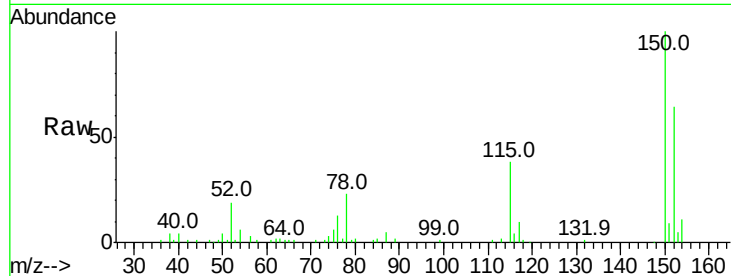


#1

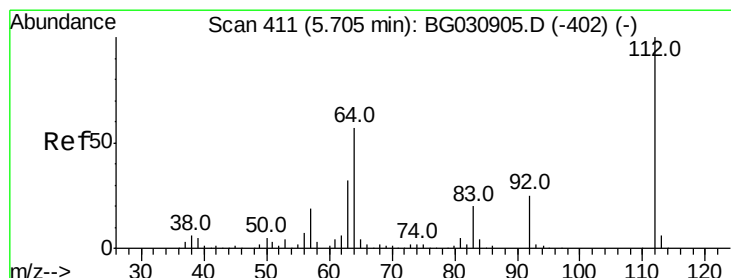
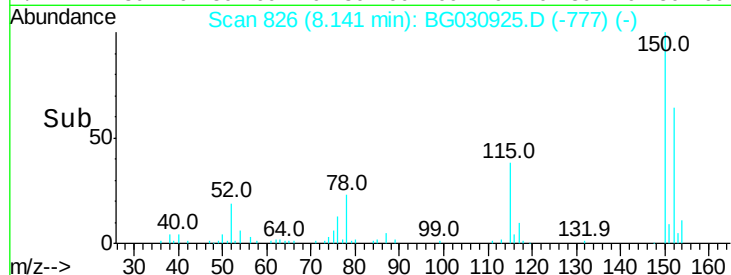
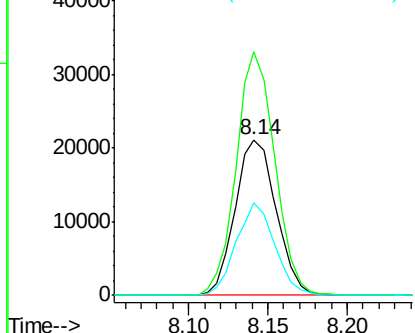
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030925.D
Acq: 11 Nov 2017 2:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 37839
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 59.4 53.0 79.4



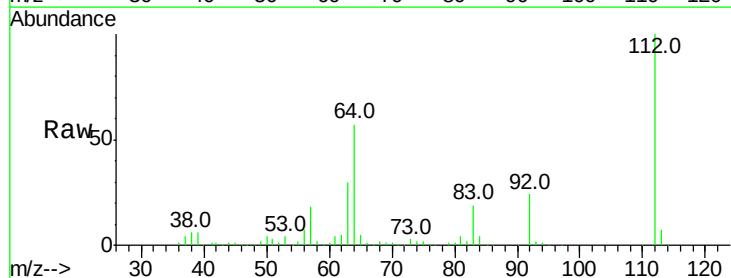
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



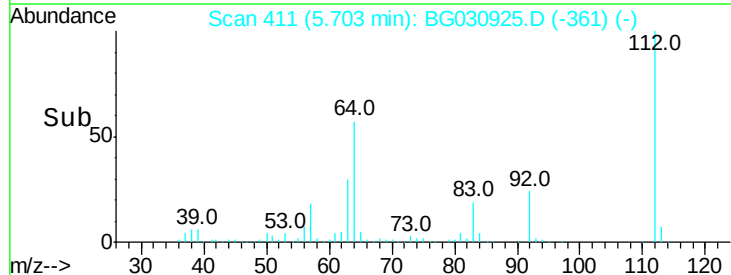
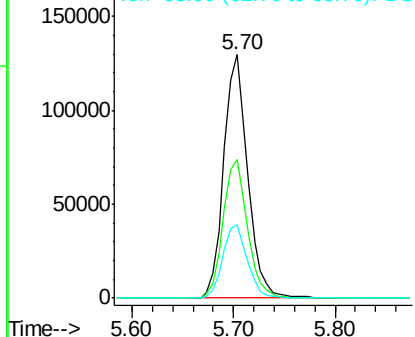
#5

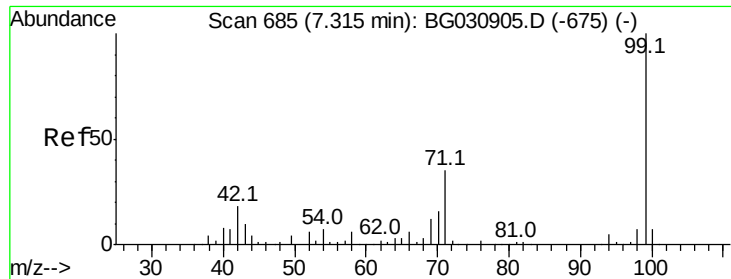
2-Fluorophenol
Concen: 96.542 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030925.D
Acq: 11 Nov 2017 2:44

Tgt Ion:112 Resp: 213036
Ion Ratio Lower Upper
112 100
64 56.7 56.3 84.5
63 29.9 30.1 45.1#



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: 89.574 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030925.D

Acq: 11 Nov 2017 2:44

Instrument :

BNA_G

ClientSampleId :

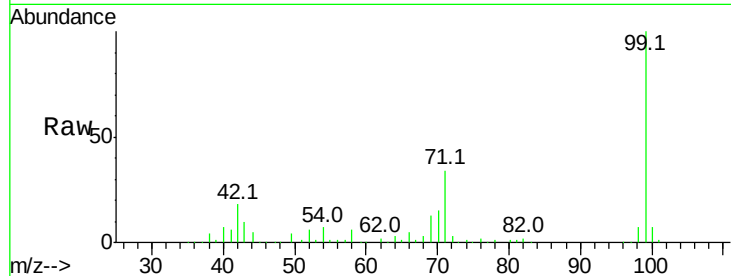
Tot Ion: 99 Resp: 266291

Ion Ratio Lower Upper

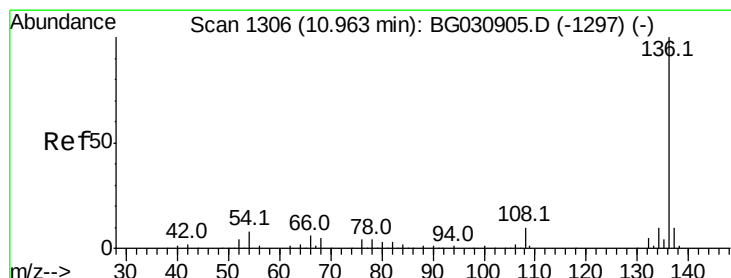
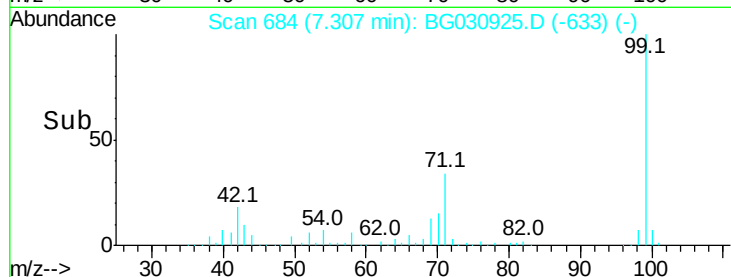
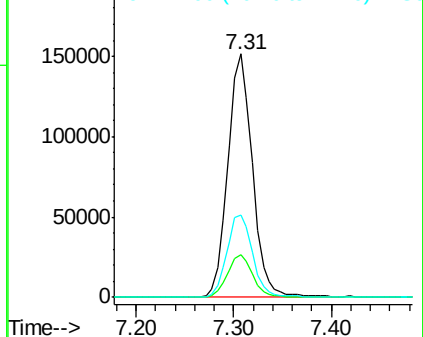
99 100

42 17.7 14.1 21.1

71 33.8 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: 10.96 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG030925.D

Acq: 11 Nov 2017 2:44

Tgt Ion: 136 Resp: 150711

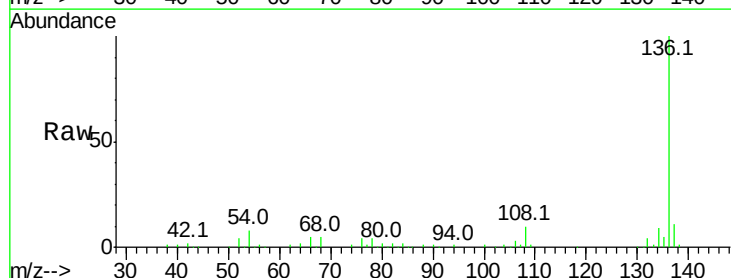
Ion Ratio Lower Upper

136 100

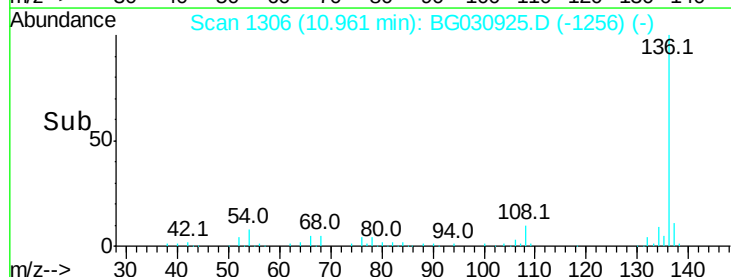
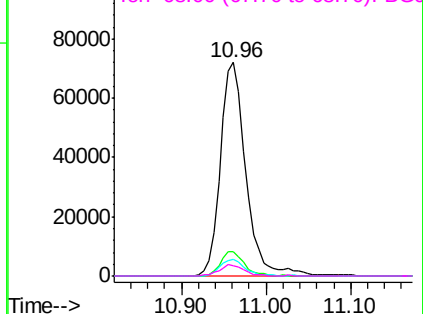
137 11.1 9.2 13.8

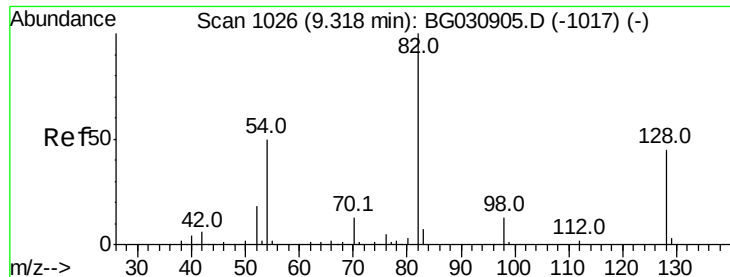
54 7.8 10.3 15.5#

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

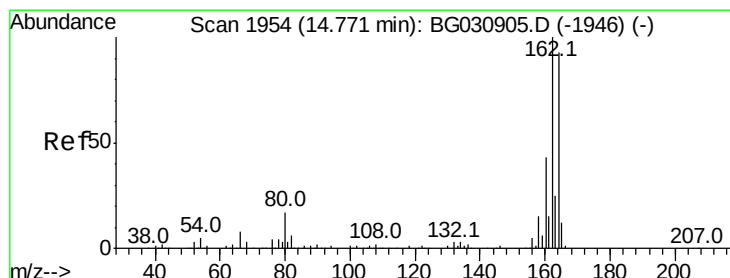
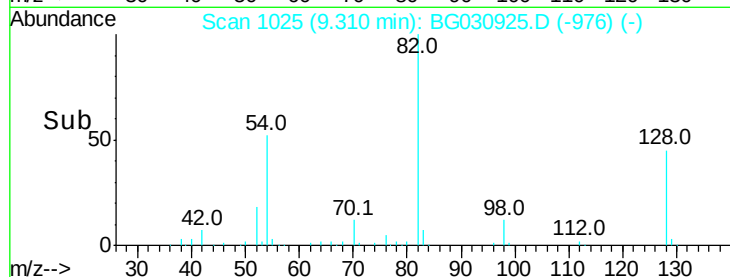
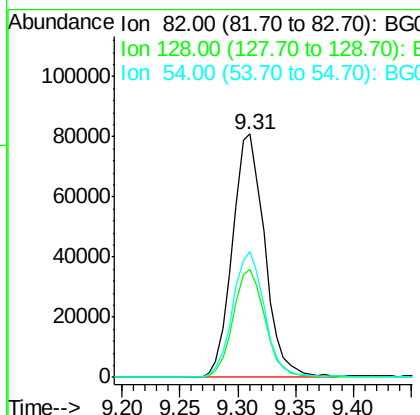
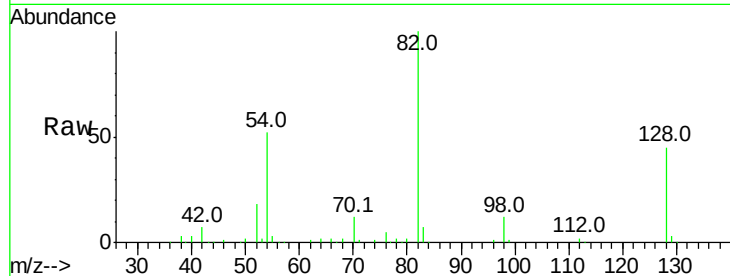




#23
 Nitrobenzene-d5
 Concen: 61.861 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030925.D
 Acq: 11 Nov 2017 2:44

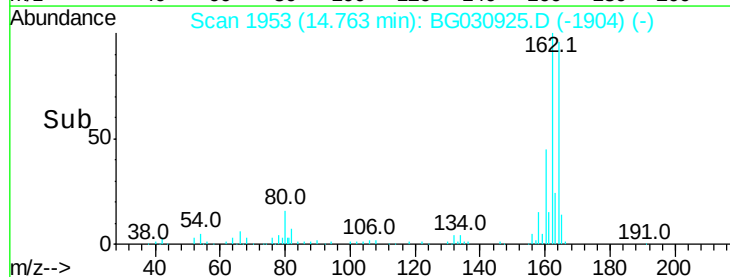
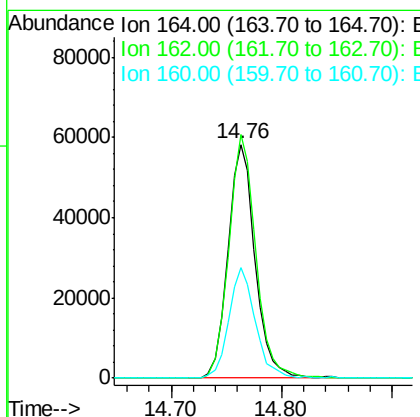
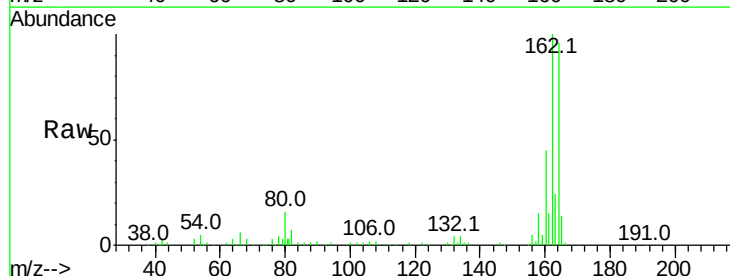
Instrument :
 BNA_G
 ClientSampled :

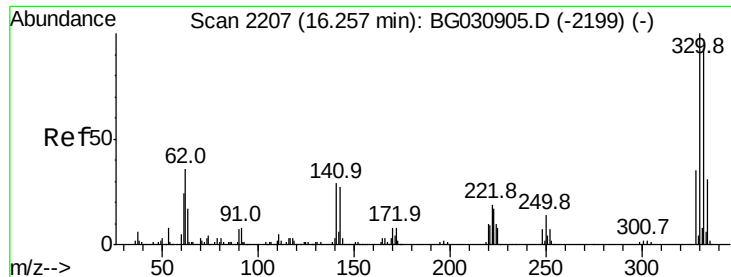
Tot Ion: 82 Resp: 157336
 Ion Ratio Lower Upper
 82 100
 128 44.6 29.7 44.5#
 54 51.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030925.D
 Acq: 11 Nov 2017 2:44

Tgt Ion:164 Resp: 100057
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 47.4 35.4 53.0

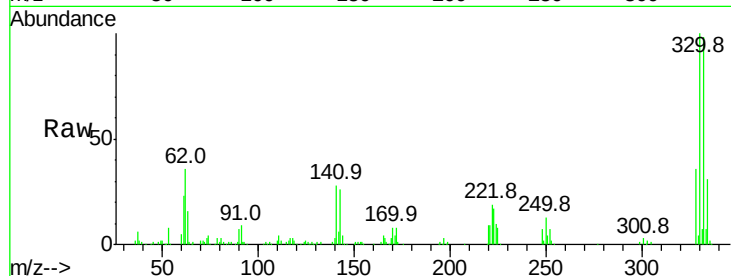




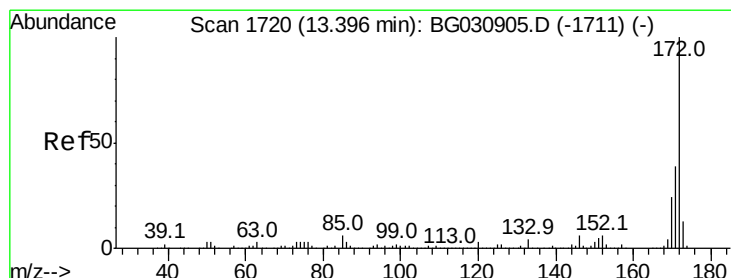
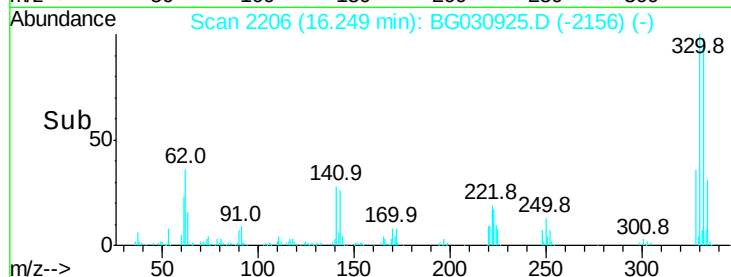
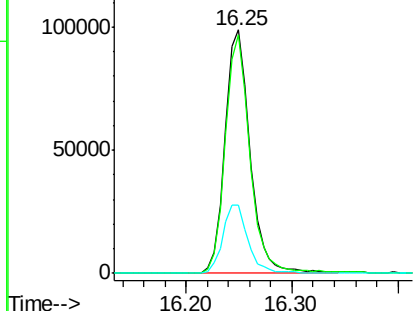
#41
 2,4,6-Tribromophenol
 Concen: 100.430 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030925.D
 Acq: 11 Nov 2017 2:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.3	25.2	37.8

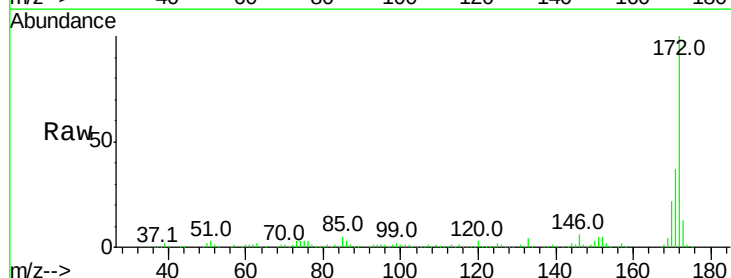


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

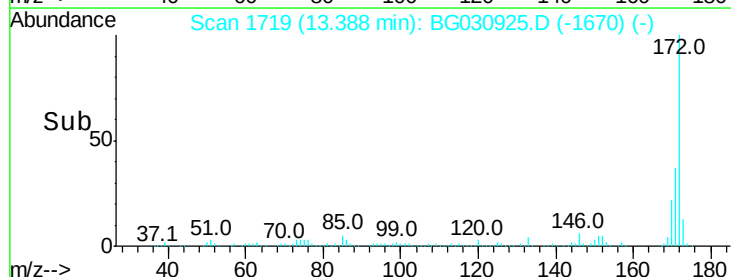
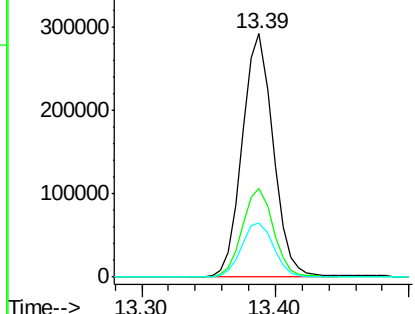


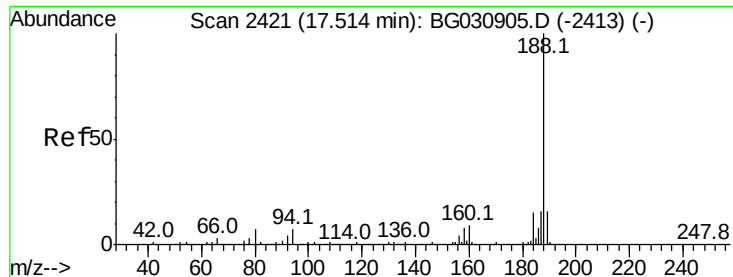
#44
 2-Fluorobiphenyl
 Concen: 67.178 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030925.D
 Acq: 11 Nov 2017 2:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	22.5	19.5	29.3



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

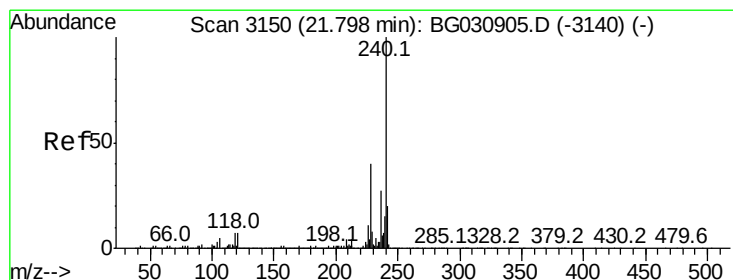
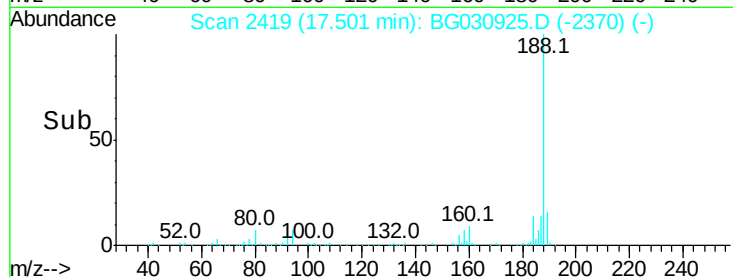
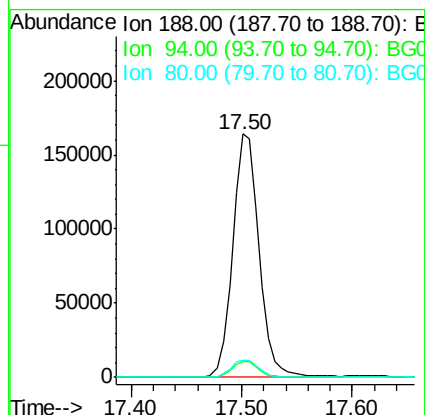
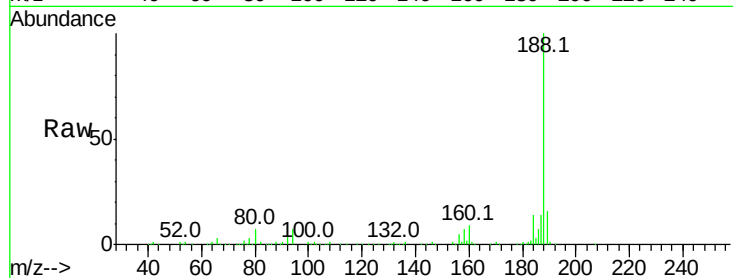




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030925.D
Acq: 11 Nov 2017 2:44

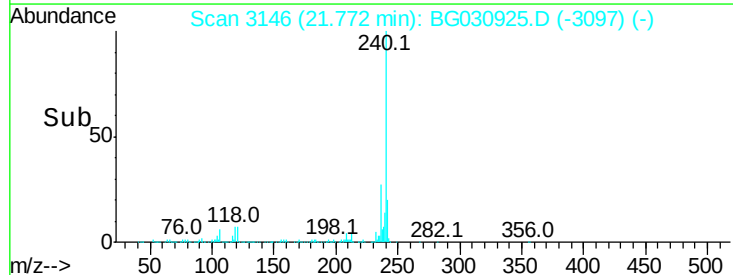
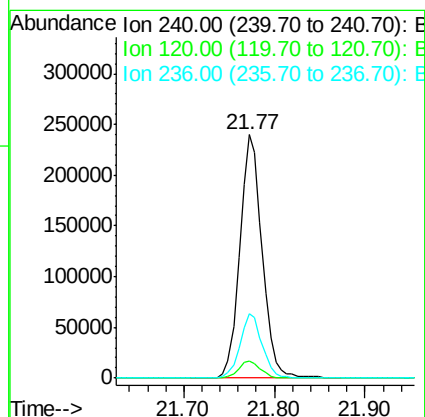
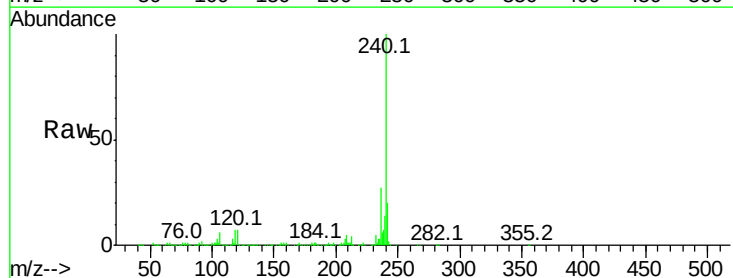
Instrument :
BNA_G
ClientSampleId :

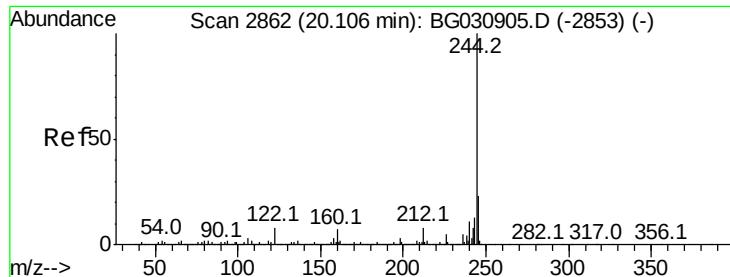
Tot Ion:188 Resp: 273826
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030925.D
Acq: 11 Nov 2017 2:44

Tgt Ion:240 Resp: 409823
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 57.360 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030925.D

Acq: 11 Nov 2017 2:44

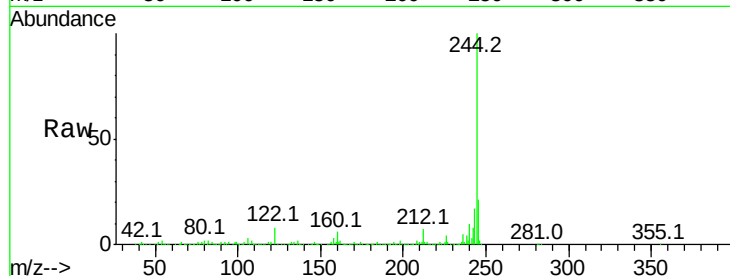
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1064613

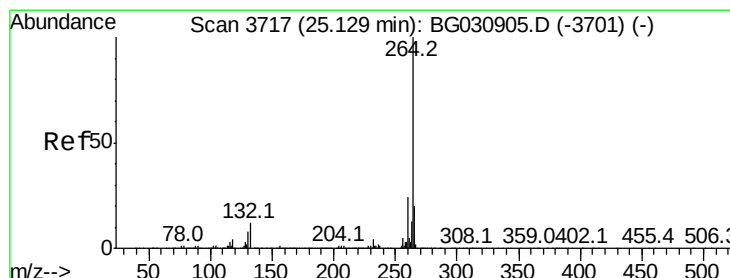
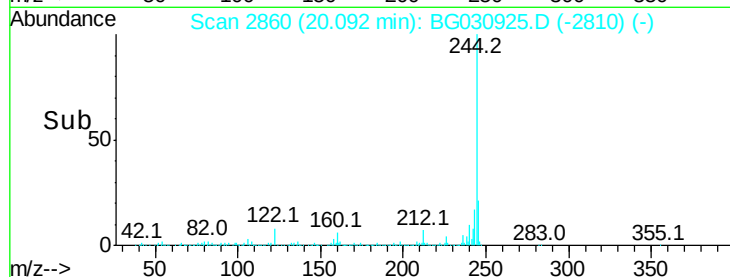
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.5	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030925.D

Acq: 11 Nov 2017 2:44

Tgt Ion:264 Resp: 433247

Ion	Ratio	Lower	Upper
264	100		
260	26.1	17.4	26.0#
265	23.3	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

