

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030916.D
 Acq On : 10 Nov 2017 21:06
 Operator : SJ/JU
 Sample : PB104116BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 11 05:02:14 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	48769	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	208824	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	144589	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	399314	20.00	ng	0.00
75) Chrysene-d12	21.77	240	509238	20.00	ng	-0.02
86) Perylene-d12	25.07	264	499448	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	325793	114.55	ng	0.00
7) Phenol-d6	7.31	99	415838	108.53	ng	0.00
23) Nitrobenzene-d5	9.31	82	246623	69.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	262125	112.07	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	720210	71.57	ng	-0.02
78) Terphenyl-d14	20.09	244	1522798	66.03	ng	0.00

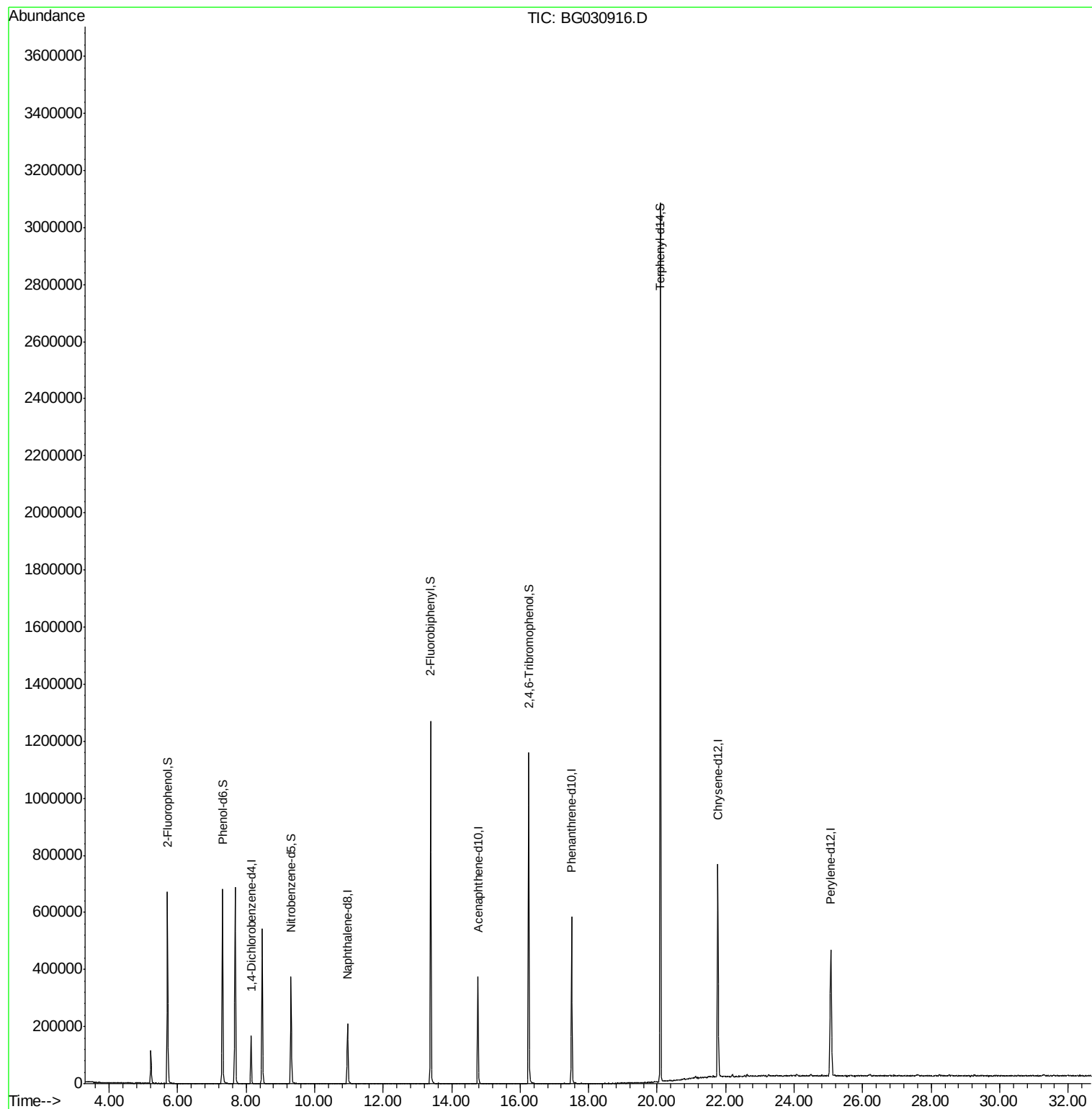
Target Compounds Qvalue

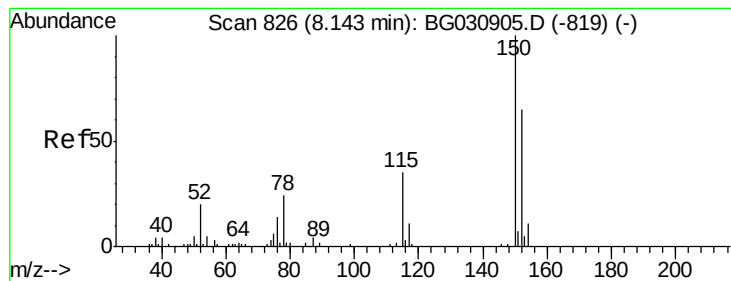
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

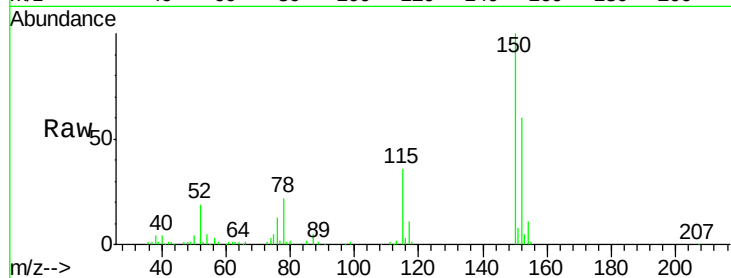
Tot Ion:152 Resp: 48769

Ion Ratio Lower Upper

152 100

150 166.9 126.6 189.8

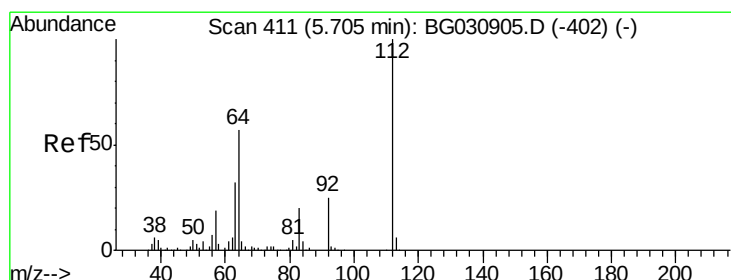
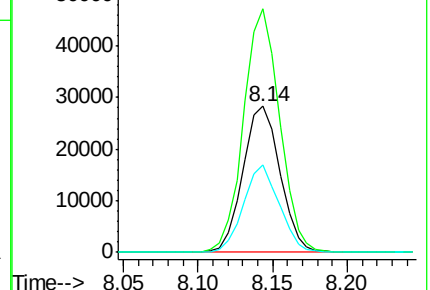
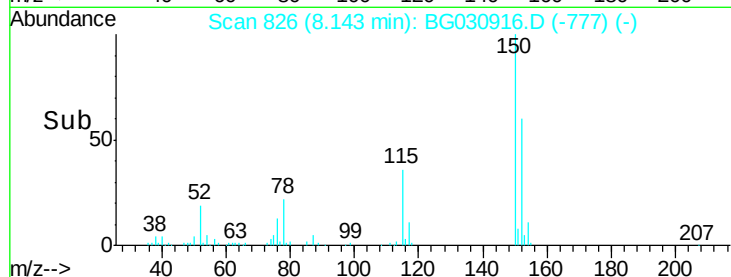
115 60.2 53.0 79.4



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: 114.55 ng

RT: 5.71 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

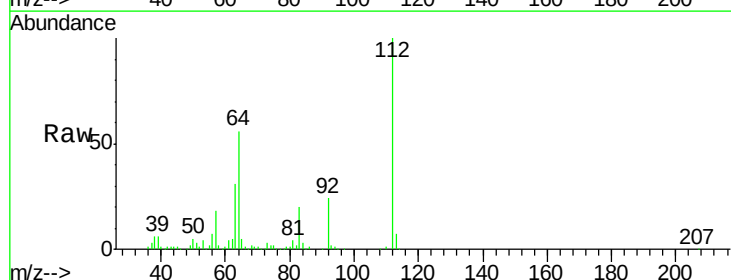
Tgt Ion:112 Resp: 325793

Ion Ratio Lower Upper

112 100

64 55.8 56.3 84.5#

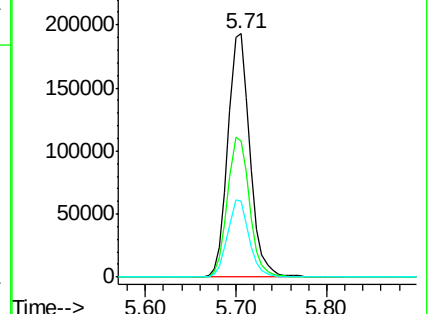
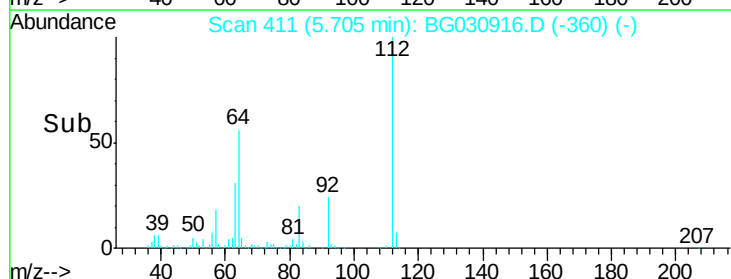
63 31.1 30.1 45.1

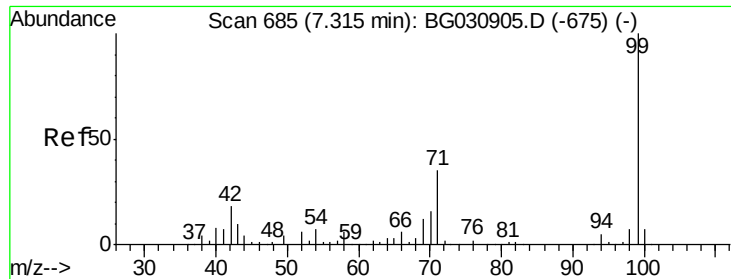


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 108.53 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

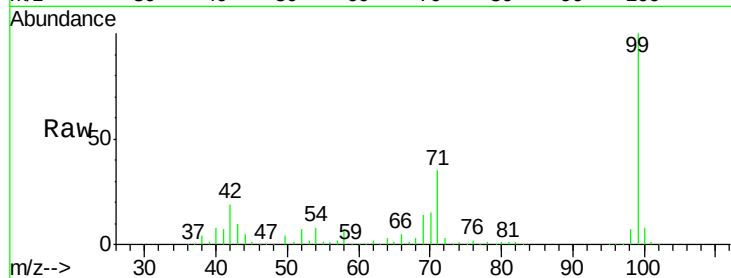
Tot Ion: 99 Resp: 415838

Ion Ratio Lower Upper

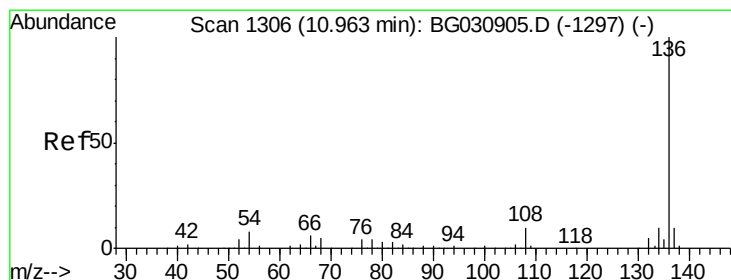
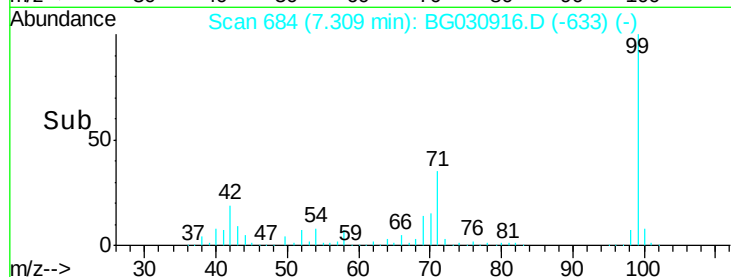
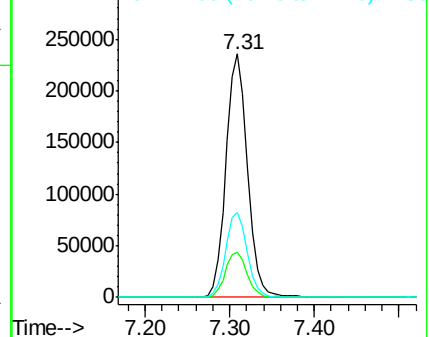
99 100

42 18.5 14.1 21.1

71 34.8 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: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

Tgt Ion: 136 Resp: 208824

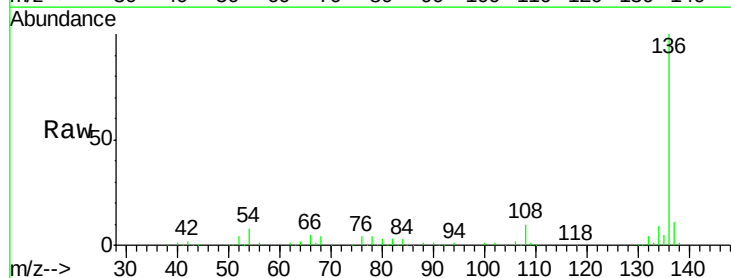
Ion Ratio Lower Upper

136 100

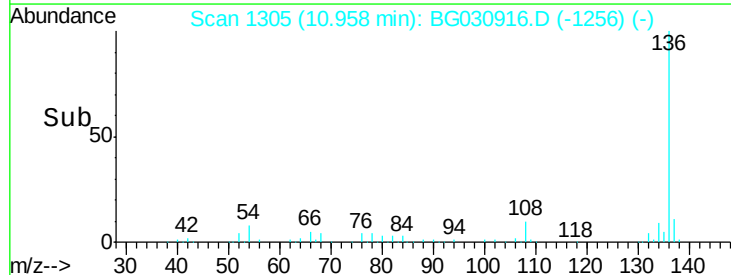
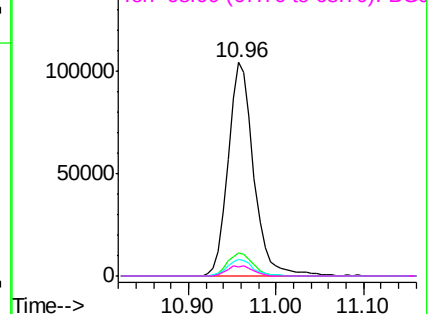
137 10.7 9.2 13.8

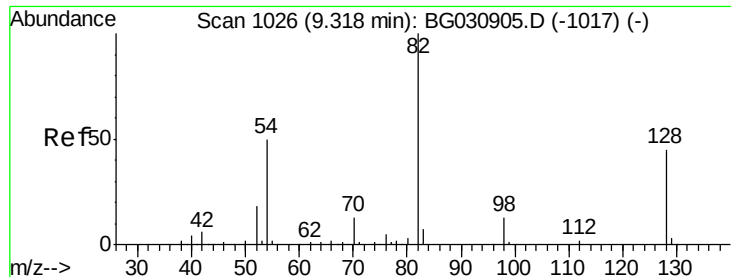
54 8.1 10.3 15.5#

68 4.5 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

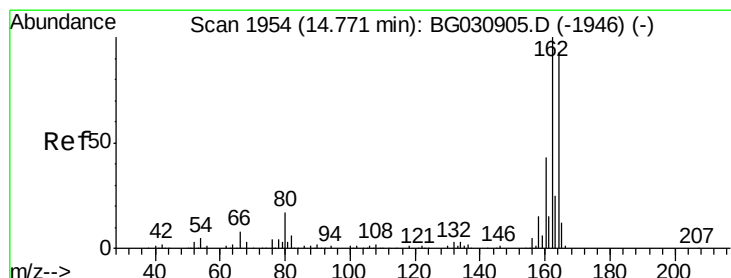
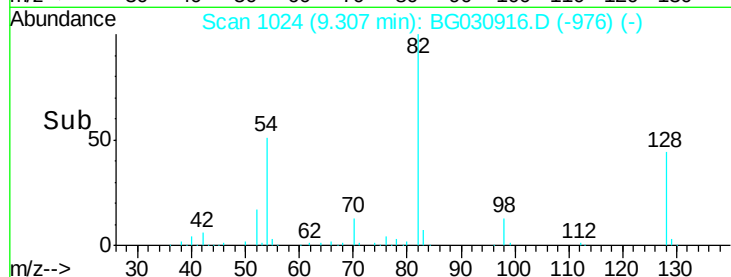
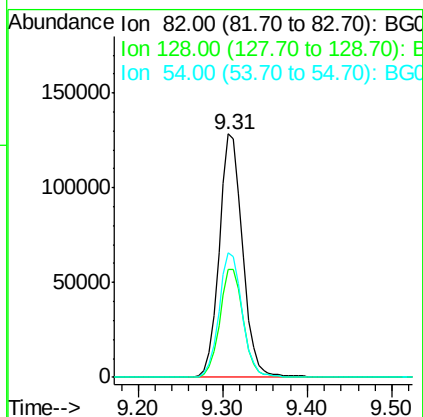
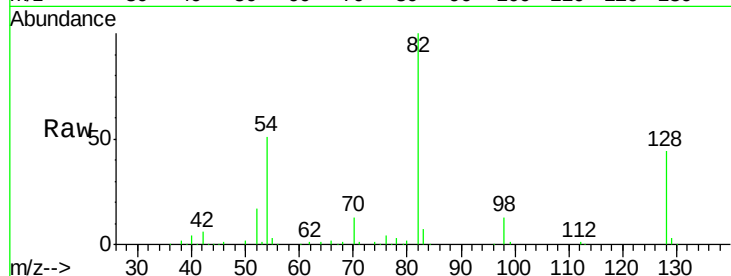




#23
 Nitrobenzene-d5
 Concen: 69.98 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030916.D
 Acq: 10 Nov 2017 21:06

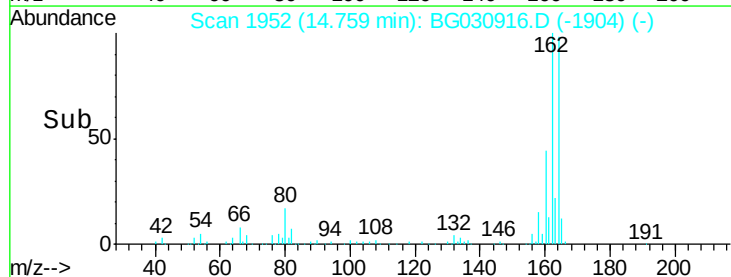
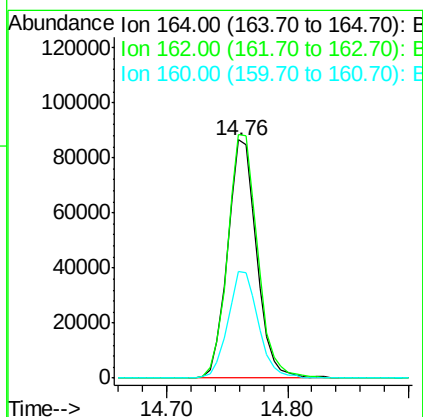
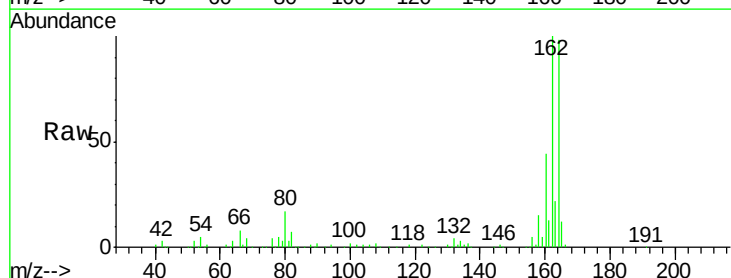
Instrument :
 BNA_G
 ClientSampleID :

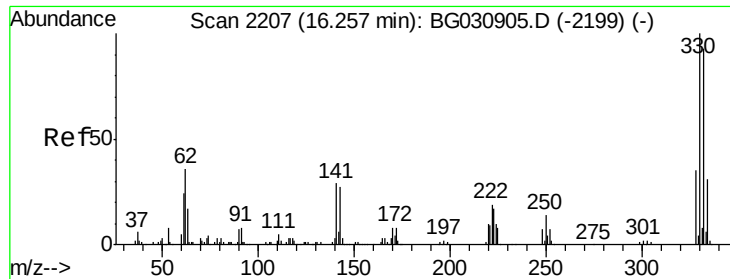
Tot Ion	82	Resp	246623
Ion Ratio	100	Lower	Upper
128	44.3	29.7	44.5
54	50.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030916.D
 Acq: 10 Nov 2017 21:06

Tgt Ion	164	Resp	144589
Ion Ratio	100	Lower	Upper
162	102.2	78.8	118.2
160	44.7	35.4	53.0

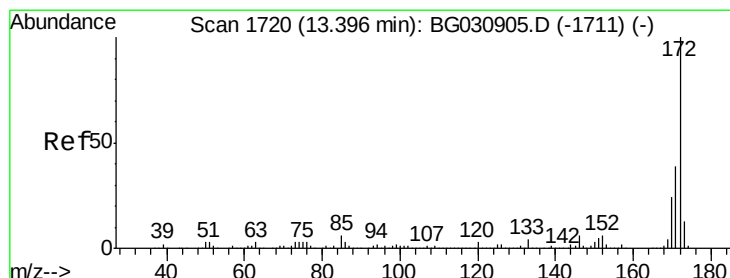
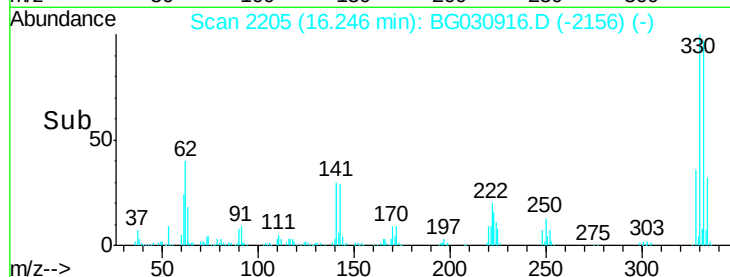
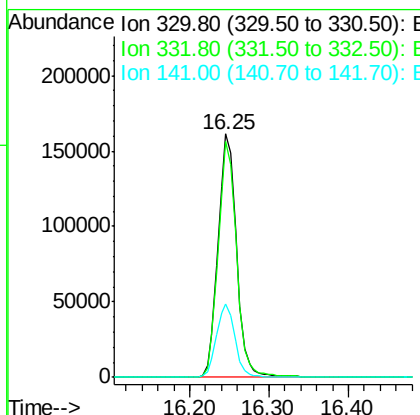
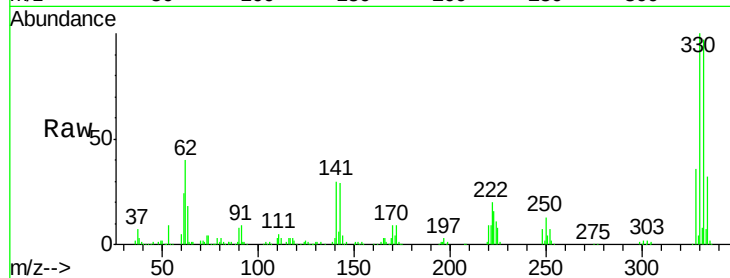




#41
 2,4,6-Tribromophenol
 Concen: 112.07 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030916.D
 Acq: 10 Nov 2017 21:06

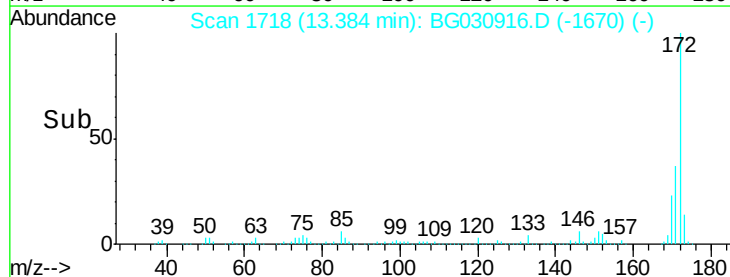
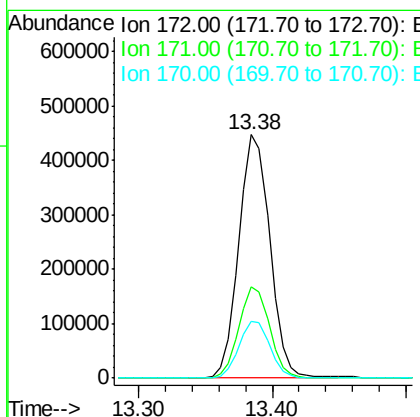
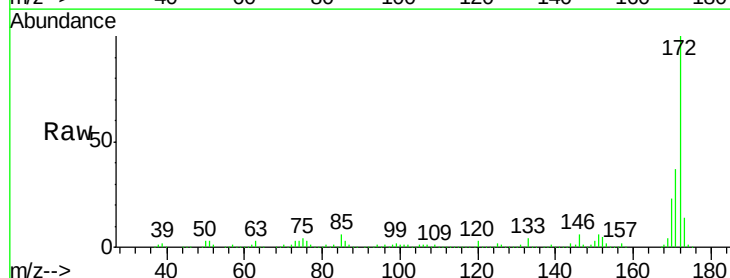
Instrument :
 BNA_G
 ClientSampleId :

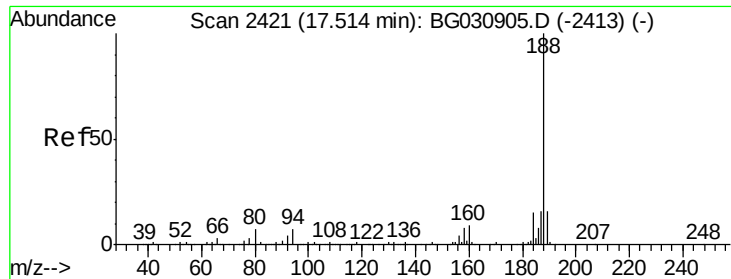
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 71.57 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030916.D
 Acq: 10 Nov 2017 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.3	19.5	29.3

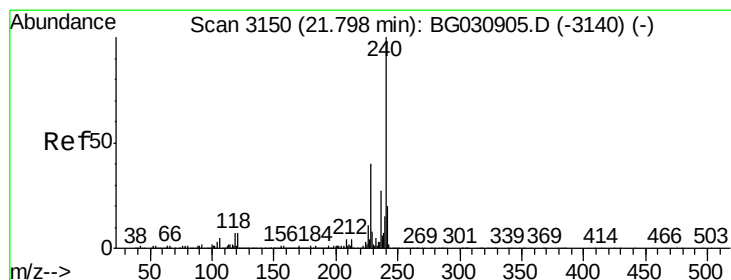
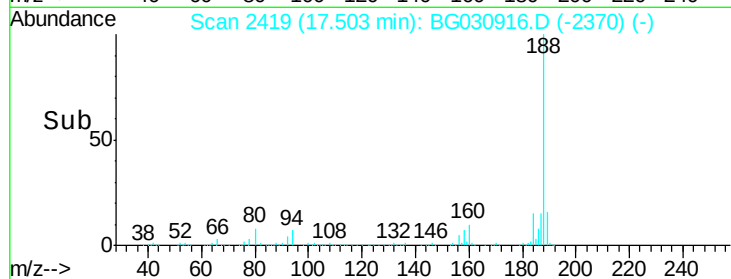
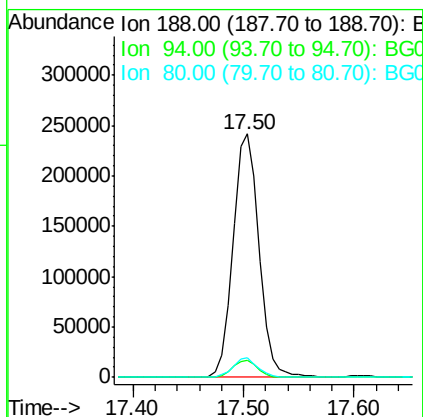
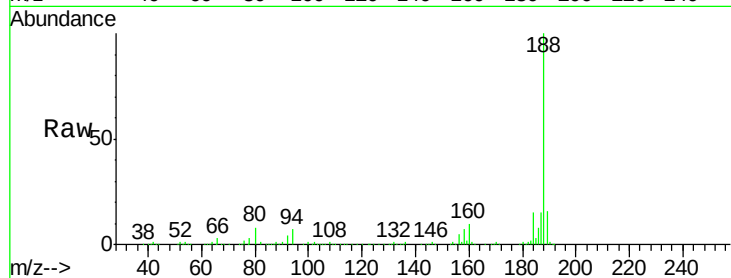




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030916.D
Acq: 10 Nov 2017 21:06

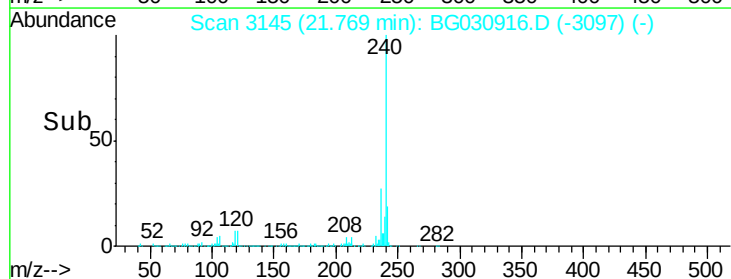
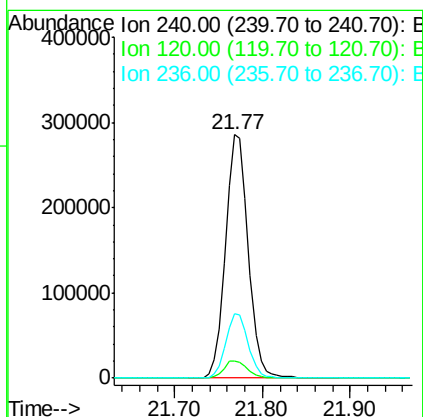
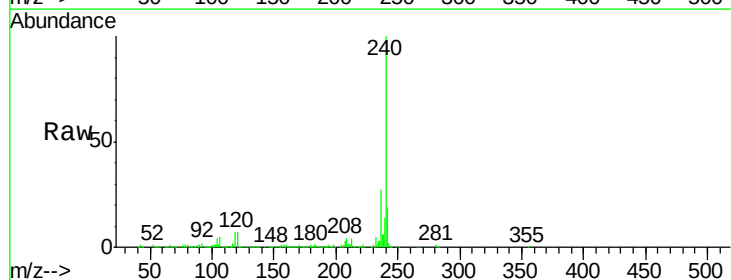
Instrument :
BNA_G
ClientSampleId :

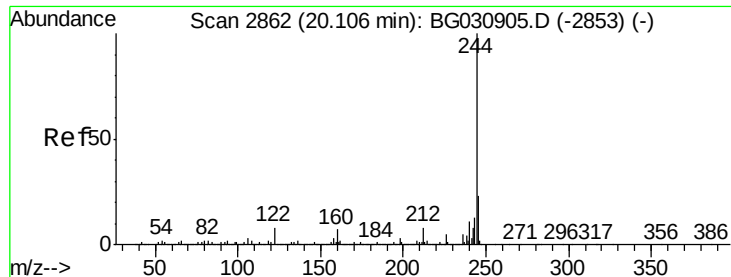
Tot Ion:188 Resp: 399314
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG030916.D
Acq: 10 Nov 2017 21:06

Tgt Ion:240 Resp: 509238
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 66.03 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

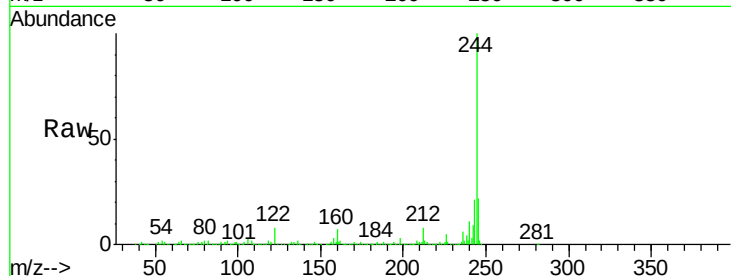
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1522798

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.6	7.0	10.4

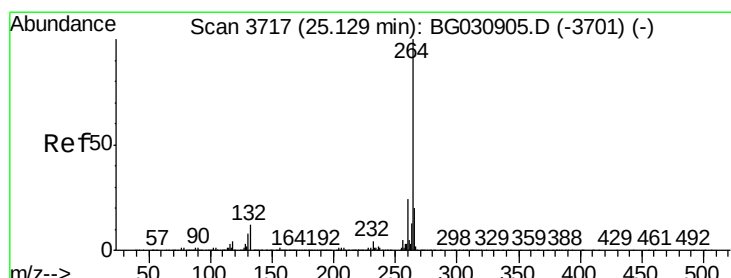
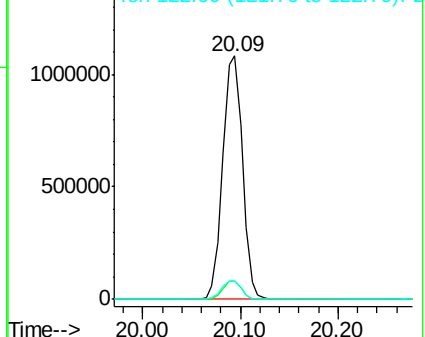
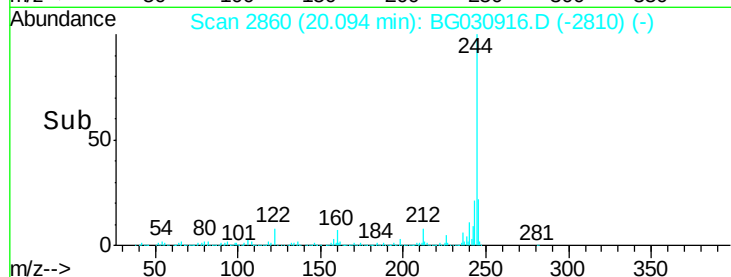


Abundance

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: 20.00 ng

RT: 25.07 min Scan# 3707

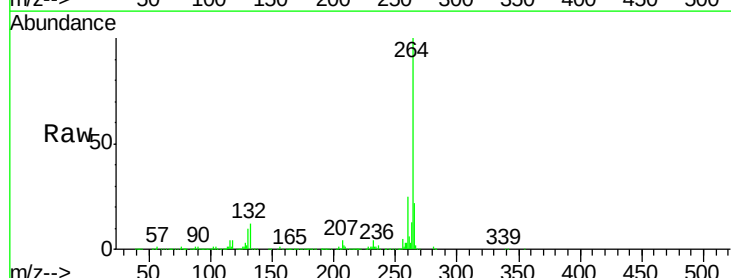
Delta R.T. -0.02 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

Tgt Ion:264 Resp: 499448

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.3	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

