

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037056.D
 Acq On : 28 Sep 2018 19:04
 Operator : JU/SJ
 Sample : J4771-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718

Quant Time: Sep 29 06:33:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40133	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	161771	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	100315	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	259769	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	278054	20.00	ng	-0.01
86) Perylene-d12	24.88	264	274252	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	269494	128.78	ng	0.00
7) Phenol-d6	7.20	99	324003	100.07	ng	-0.01
23) Nitrobenzene-d5	9.20	82	279680	92.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	148188	123.47	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	561341	83.34	ng	-0.01
78) Terphenyl-d14	20.02	244	1029641	97.37	ng	-0.01

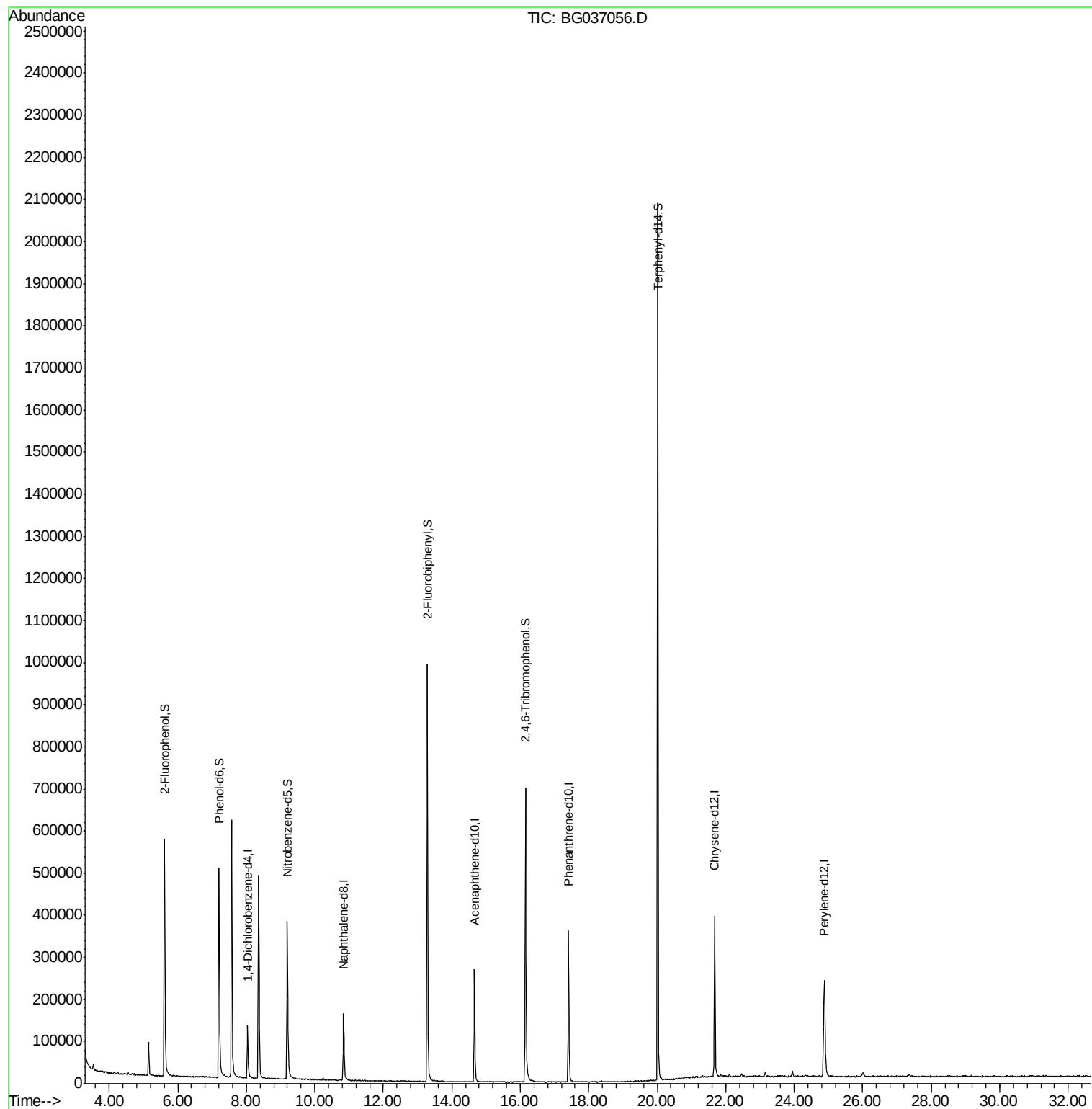
Target Compounds Qvalue

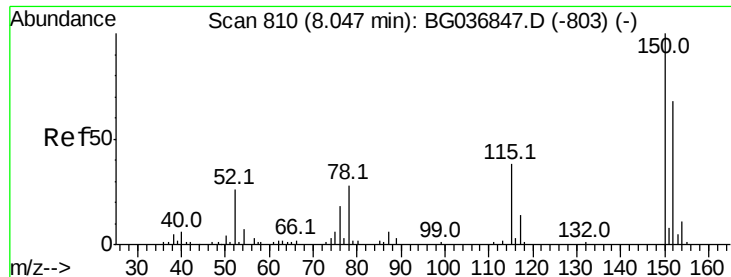
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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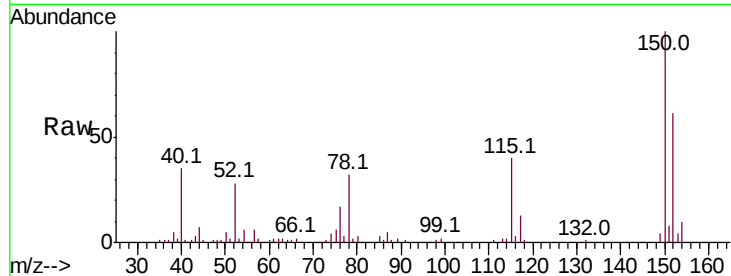


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037056.D
Acq: 28 Sep 2018 19:04

Instrument :
BNA_G
ClientSampleId :
NB-08-092718

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	119.5	179.3
115	65.9	44.5	66.7

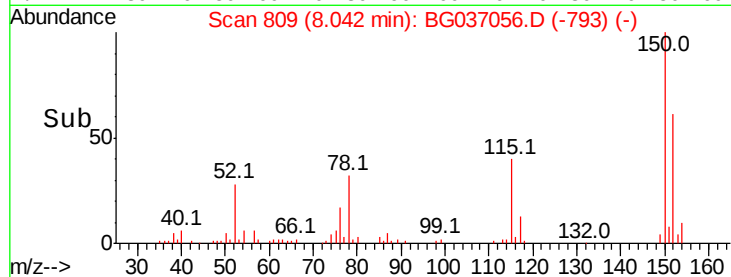
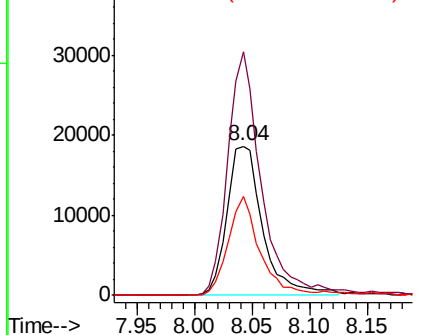


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

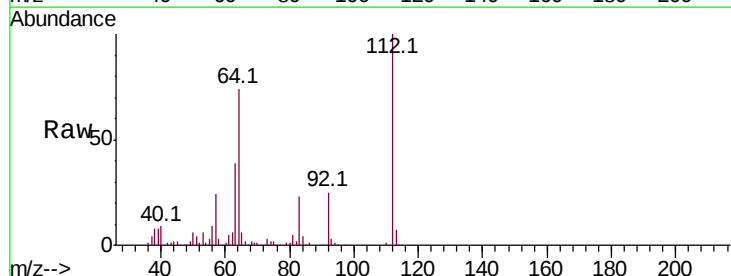
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.780 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037056.D
Acq: 28 Sep 2018 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	57.2	85.8
63	38.6	30.8	46.2

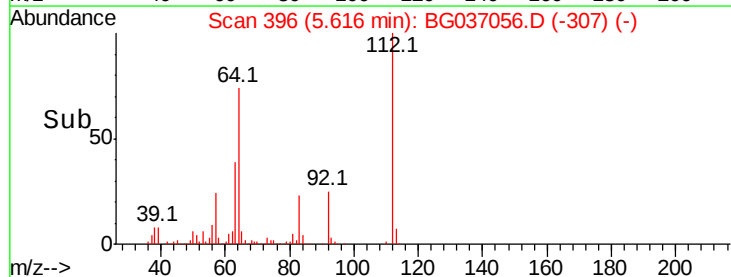
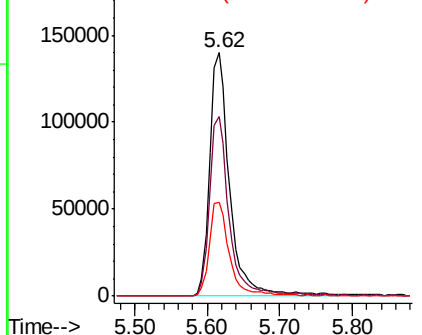


Abundance

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: 100.071 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037056.D

Acq: 28 Sep 2018 19:04

Instrument :

BNA_G

ClientSampleId :

NB-08-092718

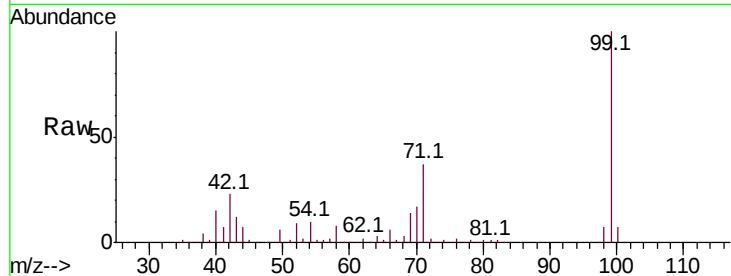
Tot Ion: 99 Resp: 324003

Ion Ratio Lower Upper

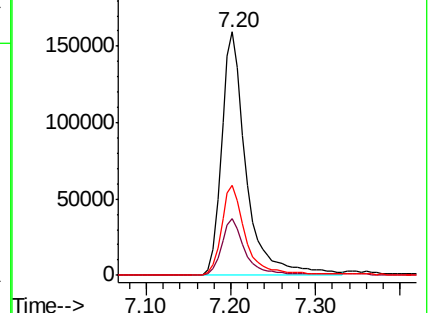
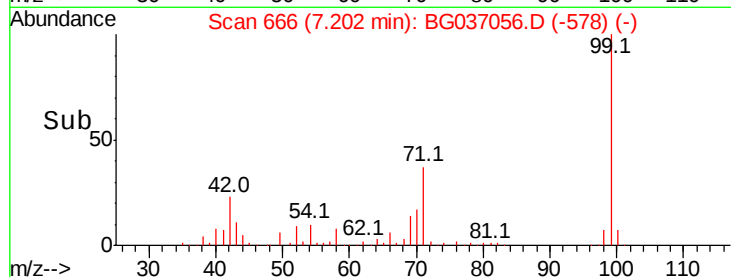
99 100

42 23.5 16.5 24.7

71 36.7 29.4 44.2



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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037056.D

Acq: 28 Sep 2018 19:04

Tgt Ion: 136 Resp: 161771

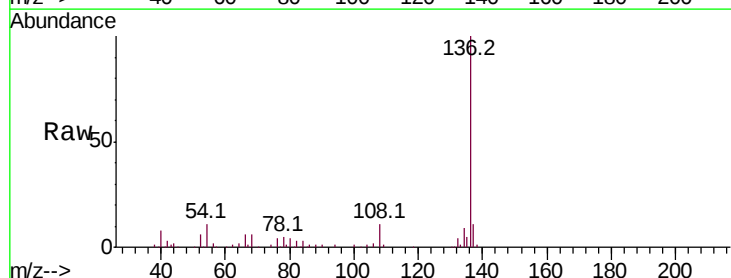
Ion Ratio Lower Upper

136 100

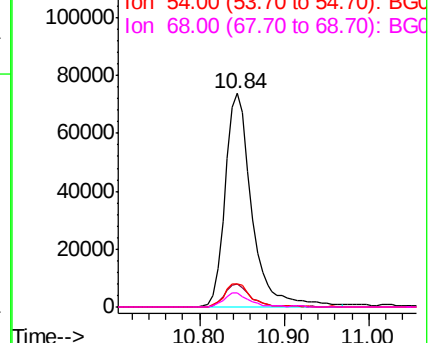
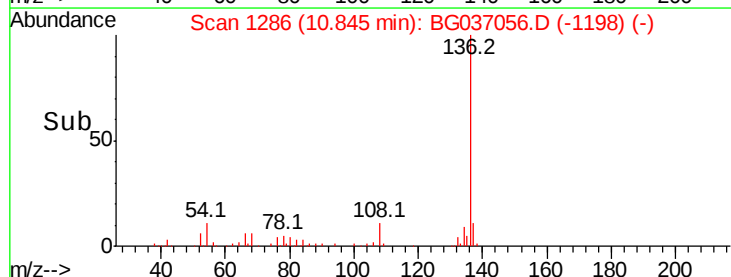
137 10.8 8.8 13.2

54 11.0 9.2 13.8

68 6.4 5.8 8.6



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

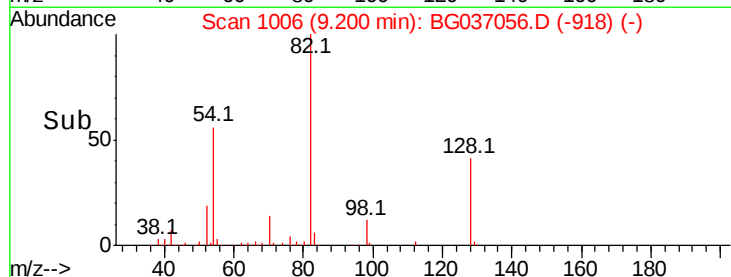
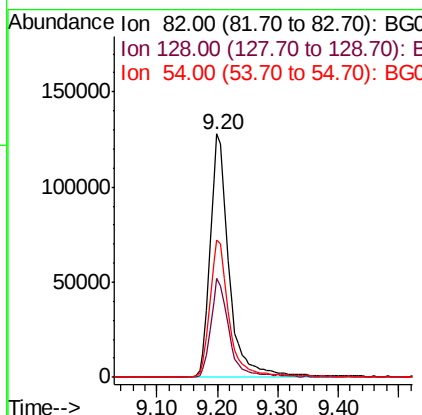
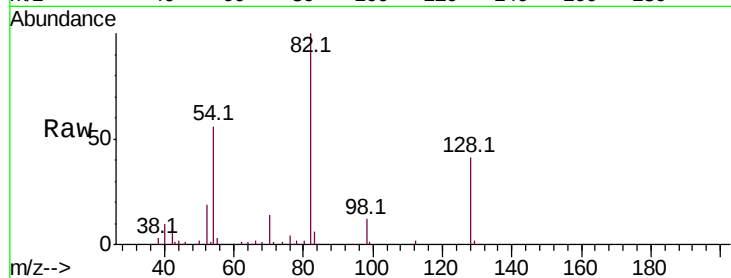




#23
Nitrobenzene-d5
Concen: 92.582 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037056.D
Acq: 28 Sep 2018 19:04

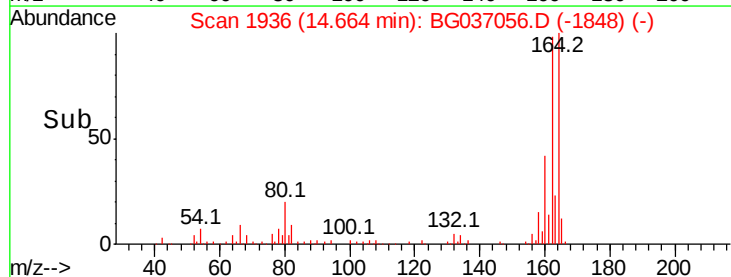
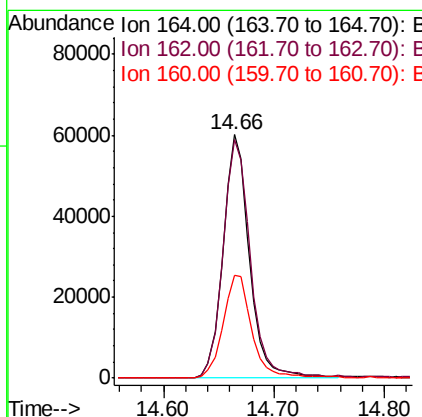
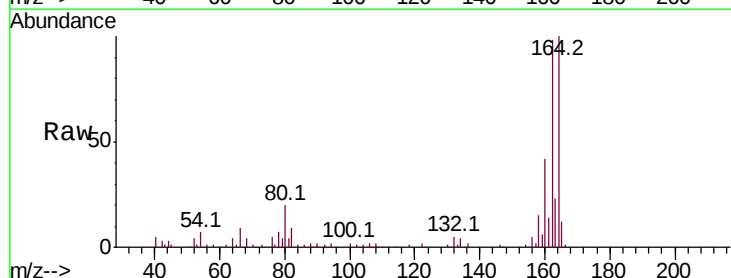
Instrument :
BNA_G
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NB-08-092718

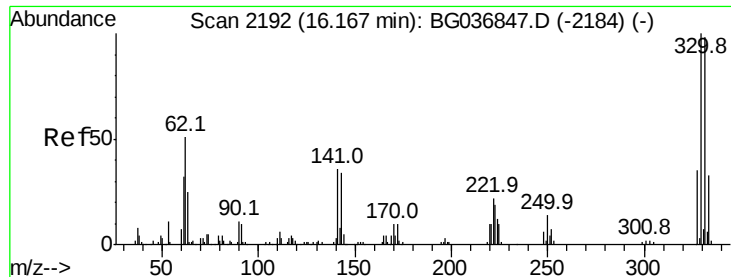
Tot Ion	82	Resp	279680
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.3	49.9
54	56.2	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037056.D
Acq: 28 Sep 2018 19:04

Tgt Ion	164	Resp	100315
Ion Ratio	Lower	Upper	
164	100		
162	98.0	80.7	121.1
160	42.1	35.3	52.9

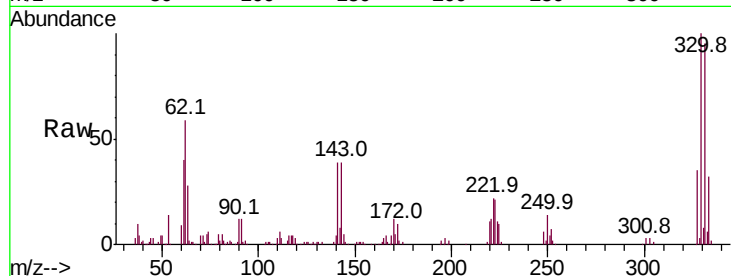




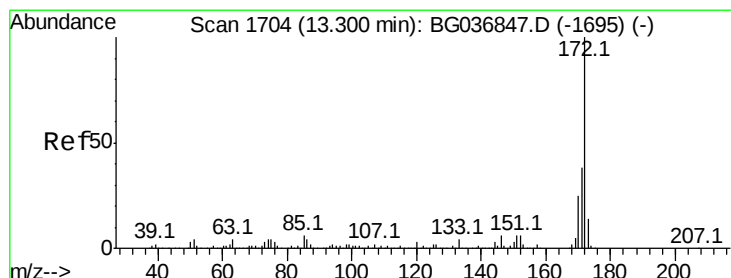
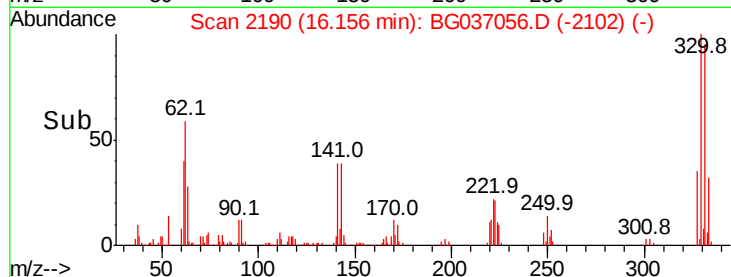
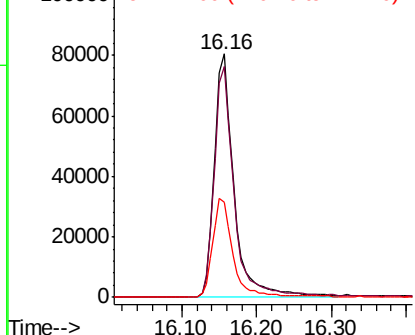
#41
 2,4,6-Tribromophenol
 Concen: 123.469 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037056.D
 Acq: 28 Sep 2018 19:04

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718

Tot Ion:330 Resp: 148188
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 41.7 30.7 46.1

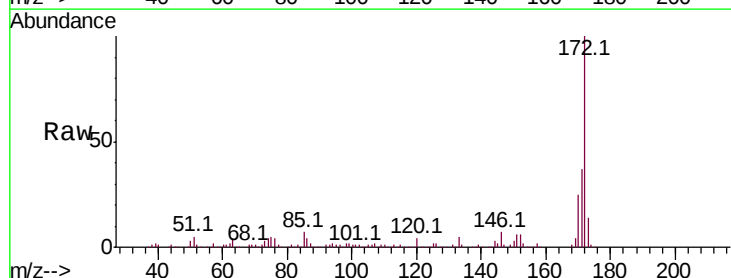


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

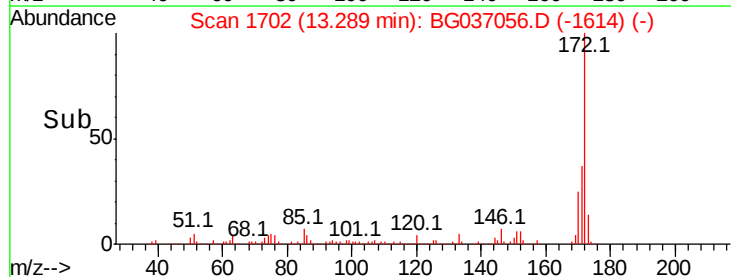
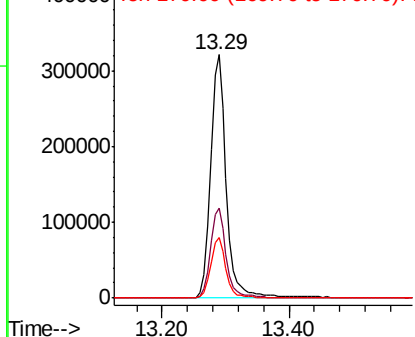


#44
 2-Fluorobiphenyl
 Concen: 83.343 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037056.D
 Acq: 28 Sep 2018 19:04

Tgt Ion:172 Resp: 561341
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.3 46.9
 170 24.7 21.0 31.6



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

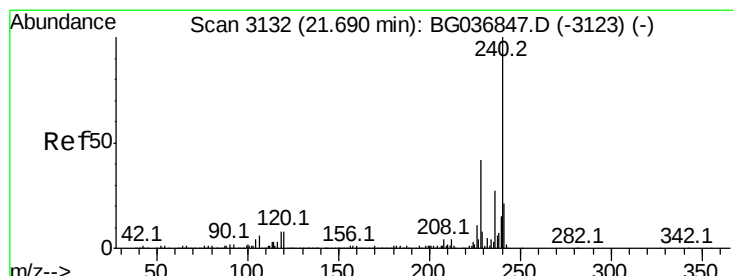
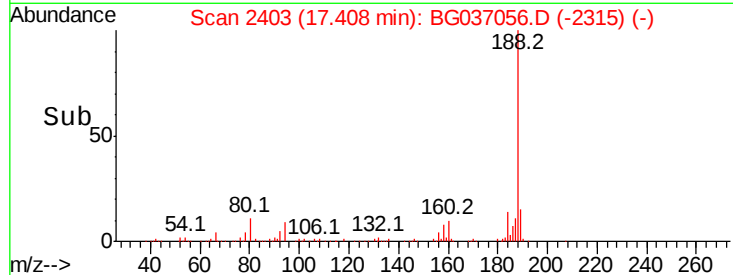
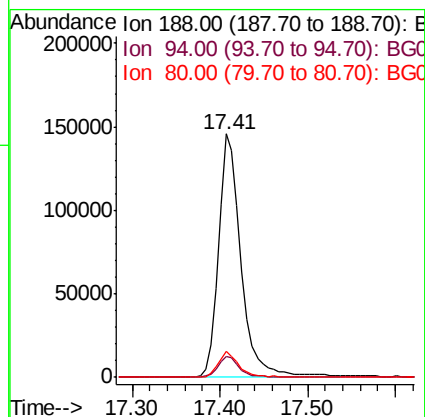
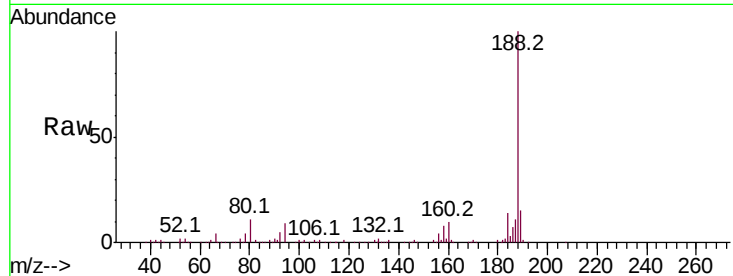




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037056.D
Acq: 28 Sep 2018 19:04

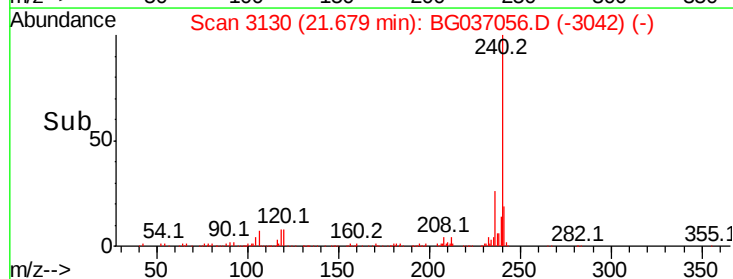
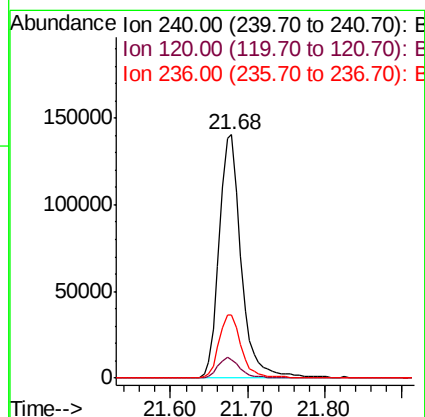
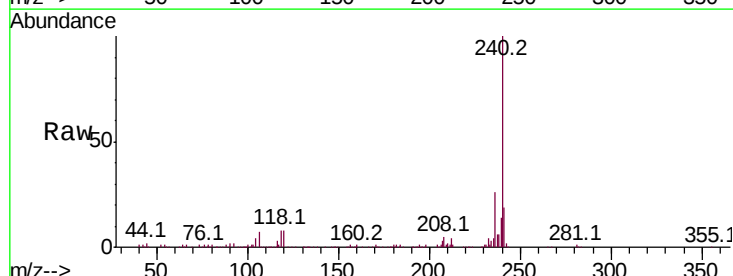
Instrument :
BNA_G
ClientSampleId :
NB-08-092718

Tot Ion:188 Resp: 259769
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037056.D
Acq: 28 Sep 2018 19:04

Tgt Ion:240 Resp: 278054
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.2 21.2 31.8



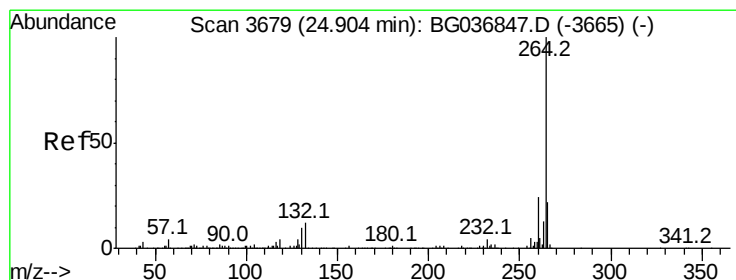
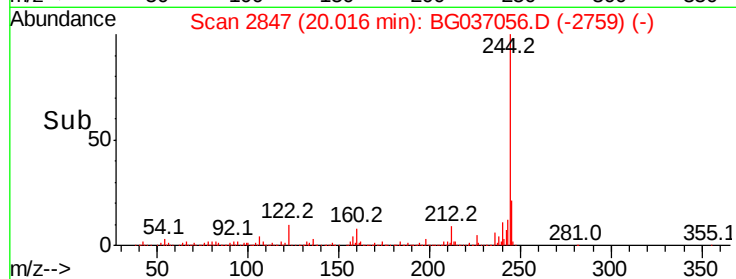
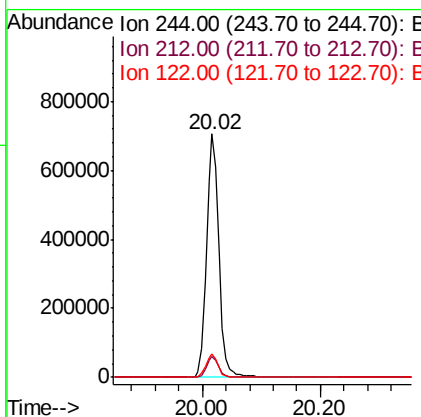
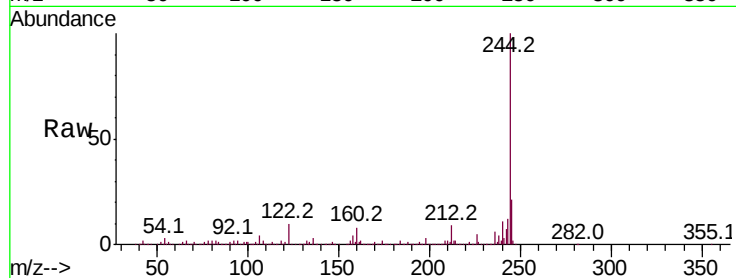


#78
 Terphenyl-d14
 Concen: 97.371 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037056.D
 Acq: 28 Sep 2018 19:04

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718

Tot Ion:244 Resp: 1029641

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.7	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037056.D
 Acq: 28 Sep 2018 19:04

Tgt Ion:264 Resp: 274252

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.3	17.4	26.0

