

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG037001.D
 Acq On : 27 Sep 2018 4:16
 Operator : JU/SJ
 Sample : J4773-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-D

Quant Time: Sep 27 08:51:58 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	8.05	152	48536	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	198022	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	126006	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	297349	20.00	ng	0.00
75) Chrysene-d12	21.68	240	303739	20.00	ng	-0.01
86) Perylene-d12	24.88	264	295021	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	296408	117.12	ng	0.00
7) Phenol-d6	7.21	99	375051	95.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	319300	86.35	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	175957	116.71	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	694392	82.08	ng	-0.01
78) Terphenyl-d14	20.02	244	1131101	97.92	ng	0.00

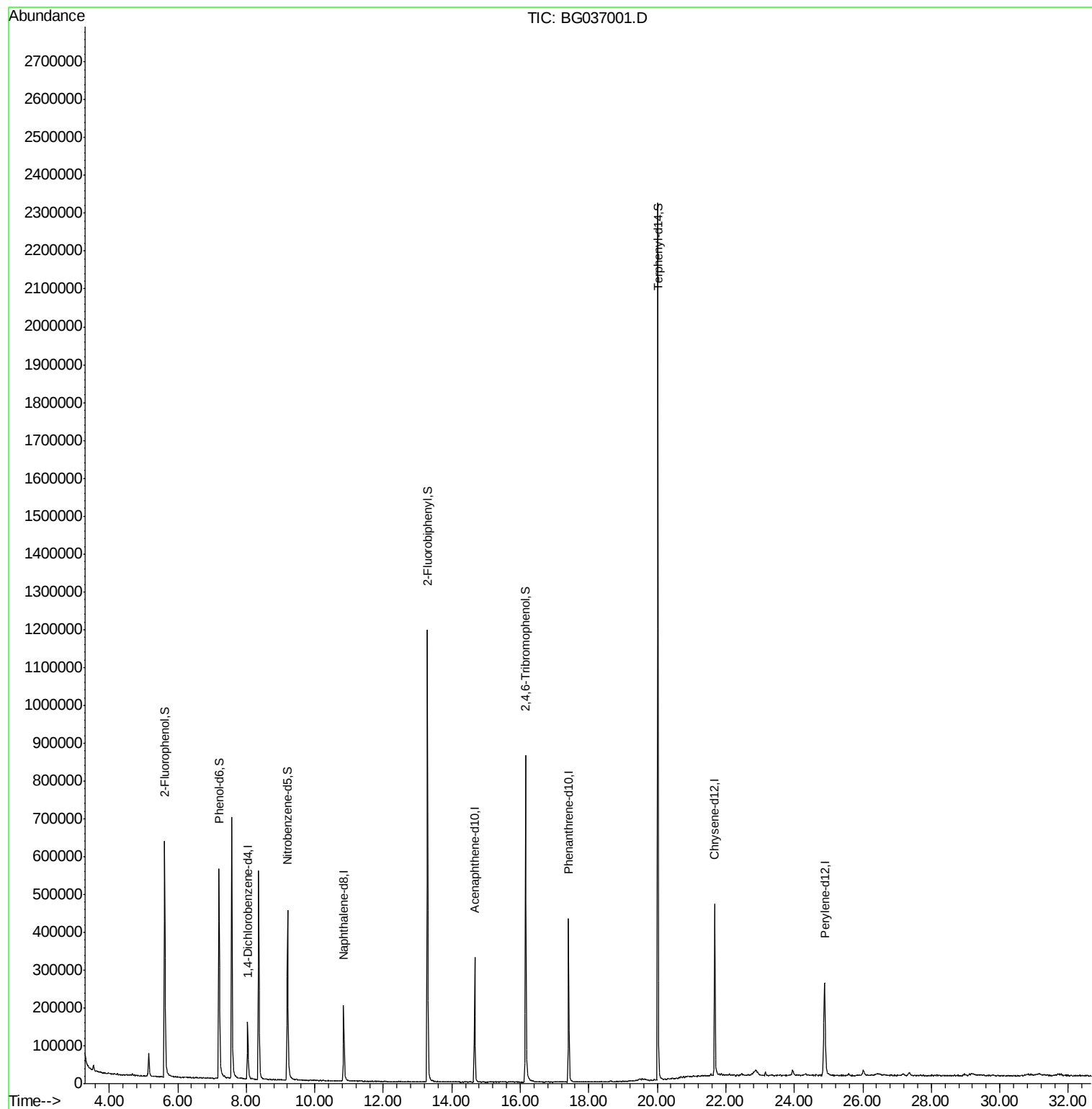
Target Compounds Qvalue

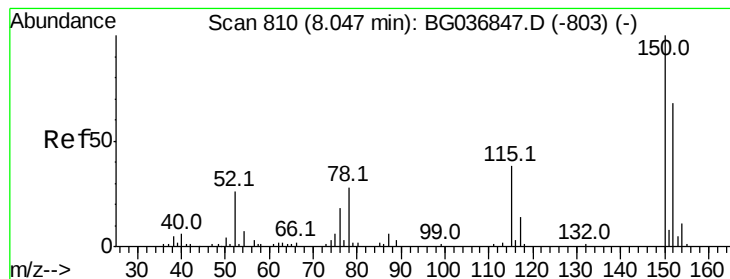
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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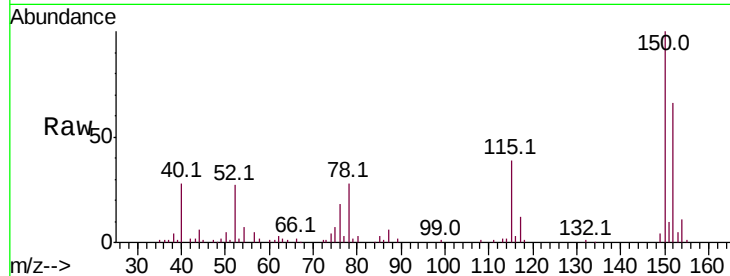


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BG037001.D
 Acq: 27 Sep 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	58.8	44.5	66.7

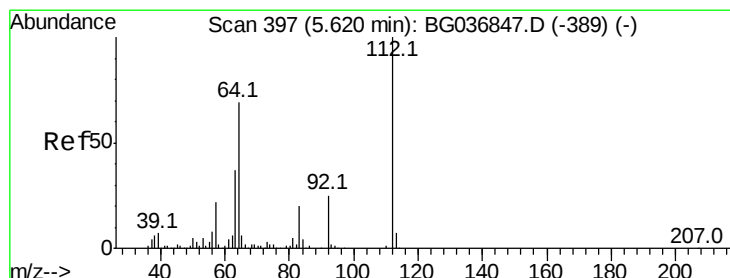
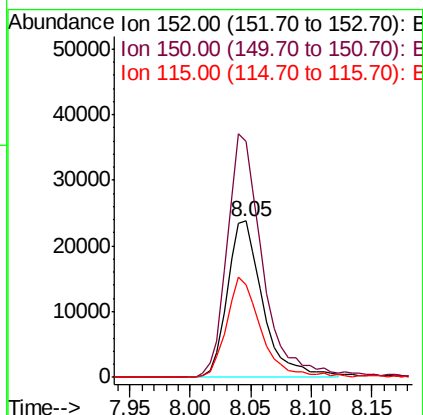
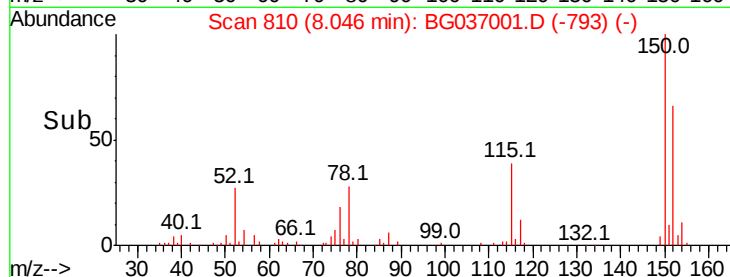


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

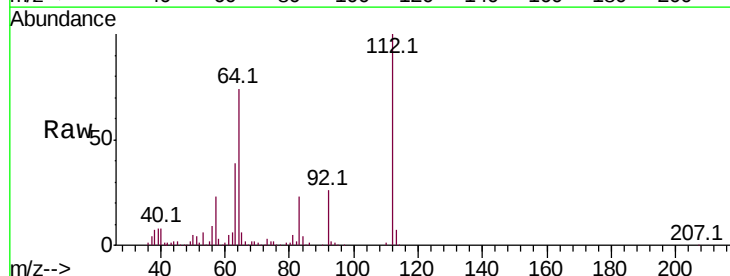
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 117.118 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG037001.D
 Acq: 27 Sep 2018 4:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	57.2	85.8
63	39.4	30.8	46.2

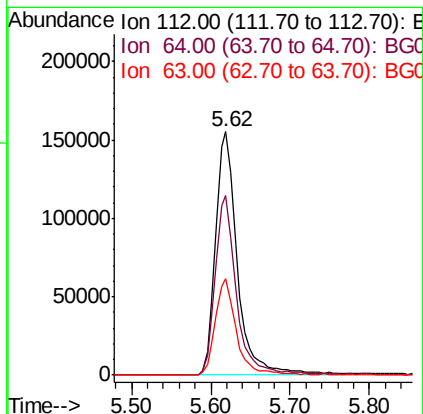
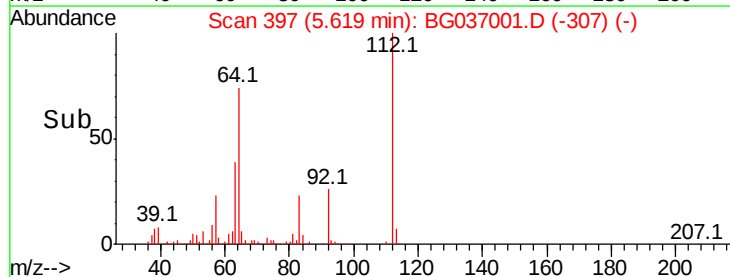


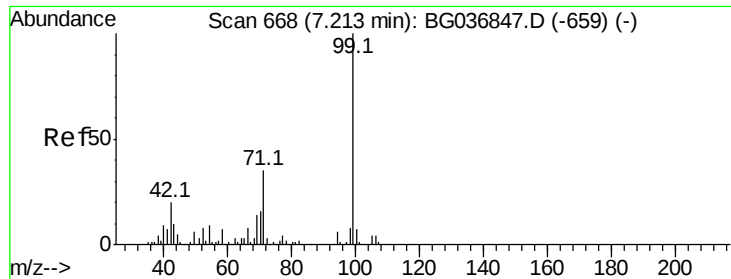
Abundance

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: 95.783 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037001.D

Acq: 27 Sep 2018 4:16

Instrument :

BNA_G

ClientSampleId :

CL-02-092518-D

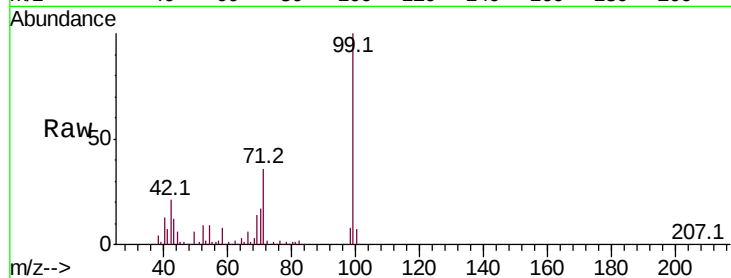
Tot Ion: 99 Resp: 375051

Ion Ratio Lower Upper

99 100

42 21.1 16.5 24.7

71 36.3 29.4 44.2

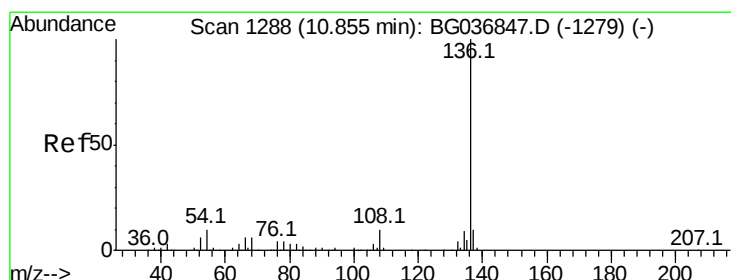
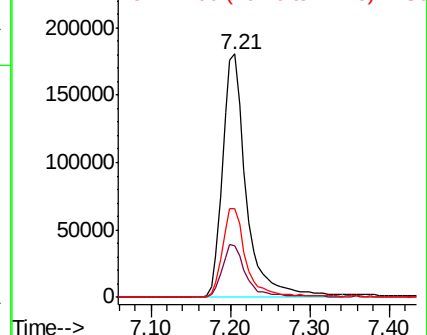
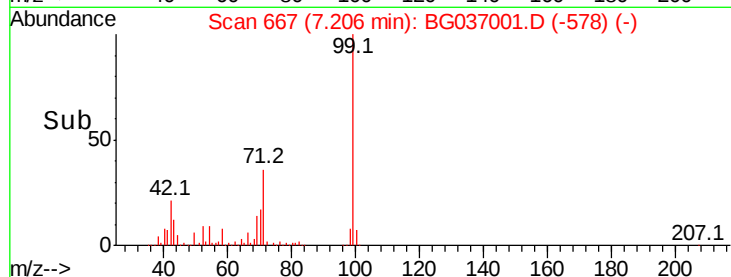


Abundance

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: BG037001.D

Acq: 27 Sep 2018 4:16

Tgt Ion: 136 Resp: 198022

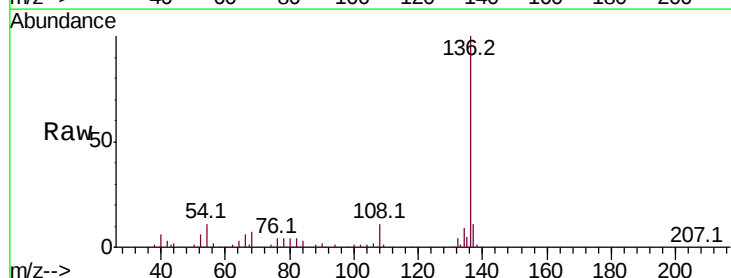
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 11.1 9.2 13.8

68 6.6 5.8 8.6



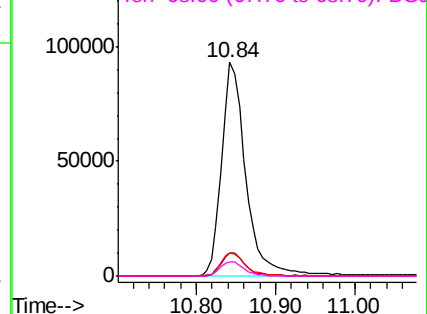
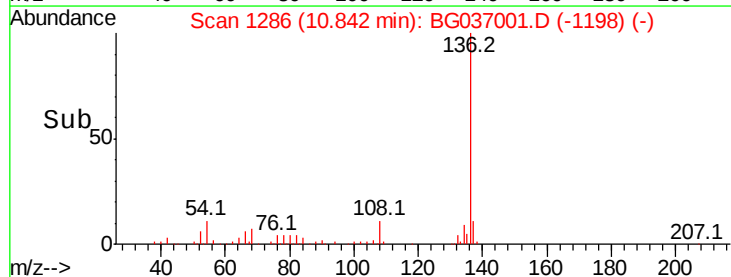
Abundance

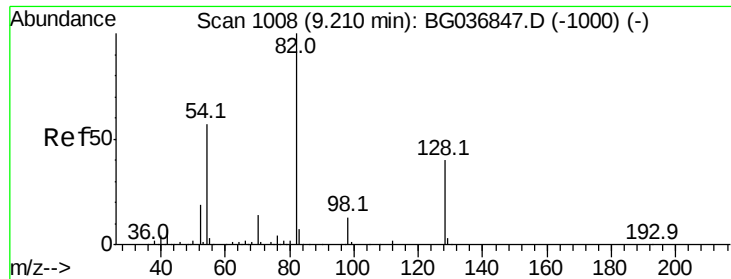
Ion 136.00 (135.70 to 136.70): BGC

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

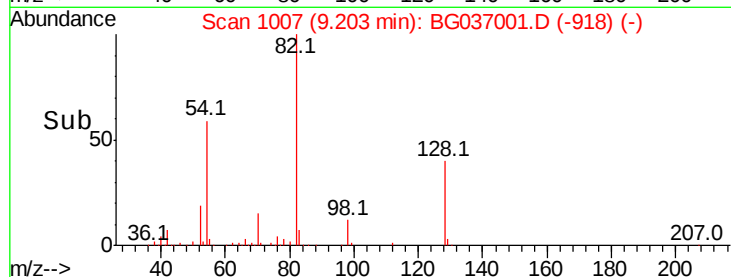
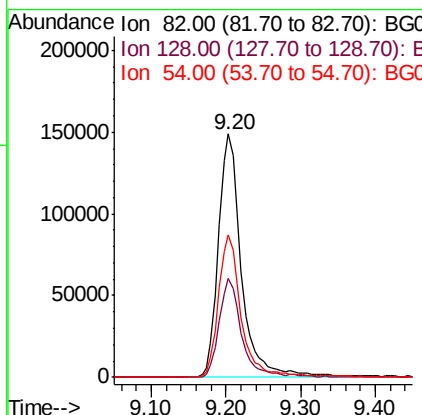
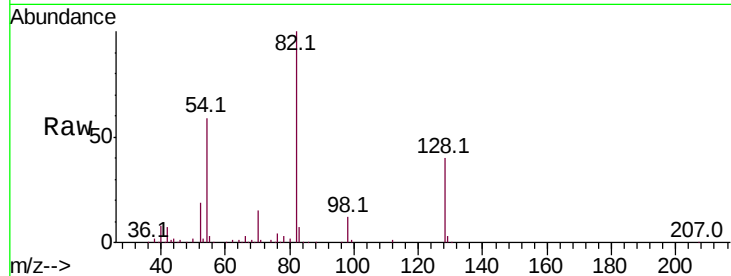




#23
 Nitrobenzene-d5
 Concen: 86.348 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037001.D
 Acq: 27 Sep 2018 4:16

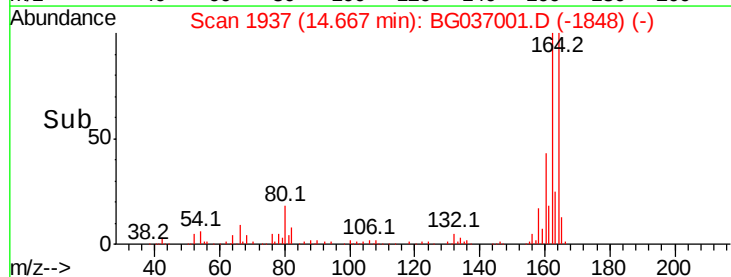
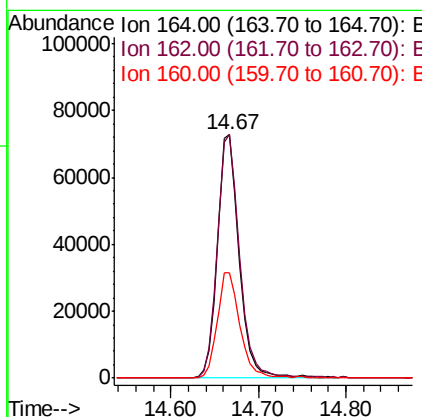
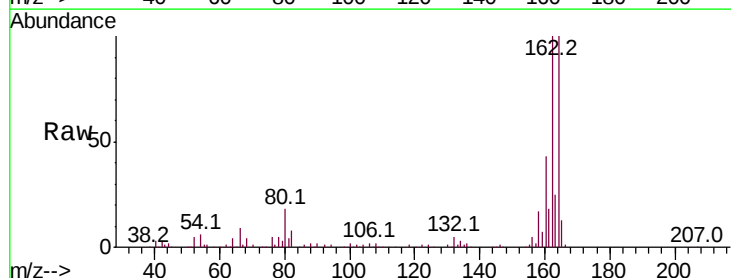
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-D

Tot Ion	82	Resp	319300
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	58.7	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG037001.D
 Acq: 27 Sep 2018 4:16

Tgt Ion	164	Resp	126006
Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	43.5	35.3	52.9

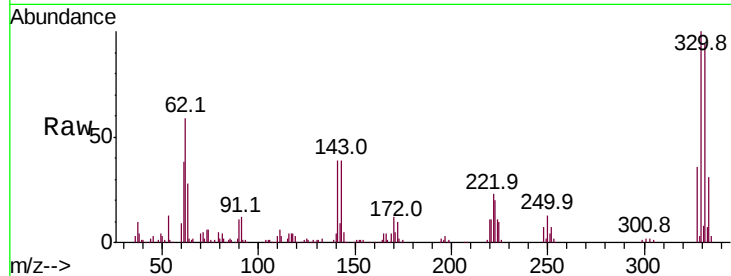




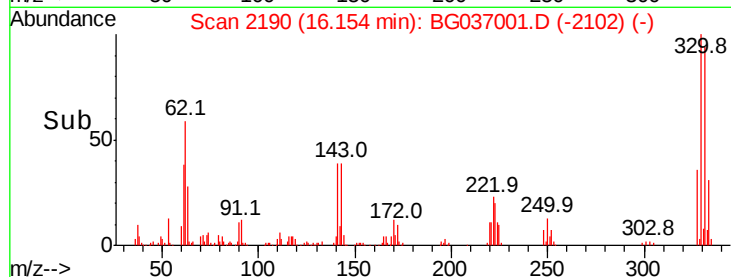
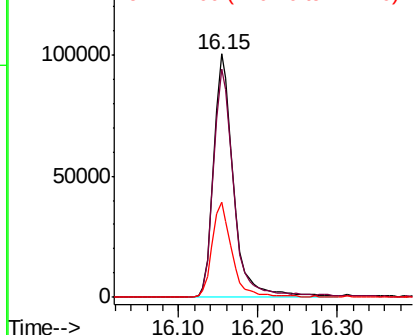
#41
 2,4,6-Tribromophenol
 Concen: 116.715 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037001.D
 Acq: 27 Sep 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	38.9	30.7	46.1

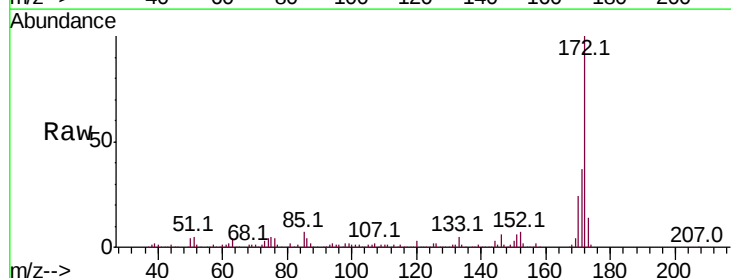


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

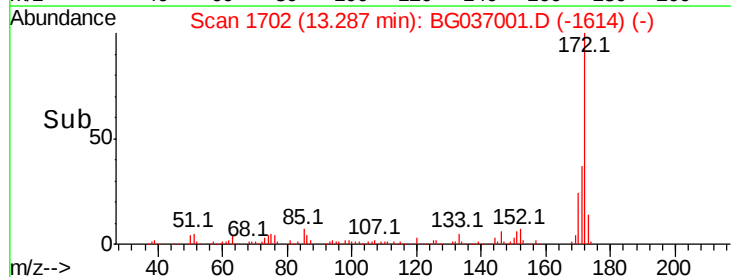
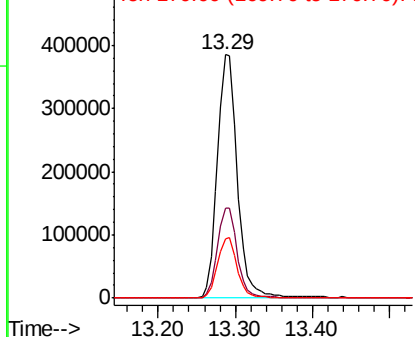


#44
 2-Fluorobiphenyl
 Concen: 82.077 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037001.D
 Acq: 27 Sep 2018 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.3	46.9
170	24.5	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

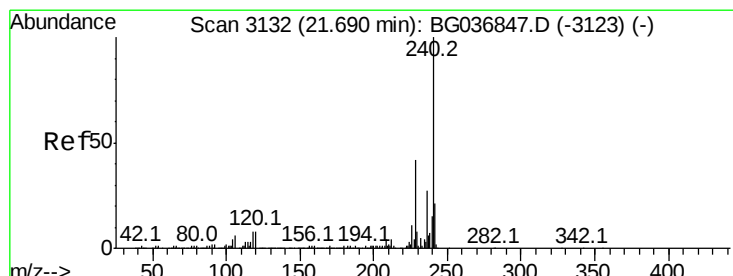
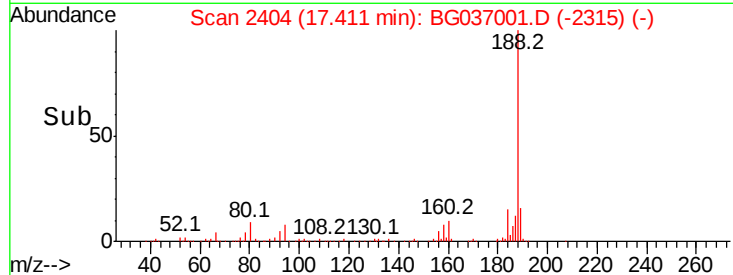
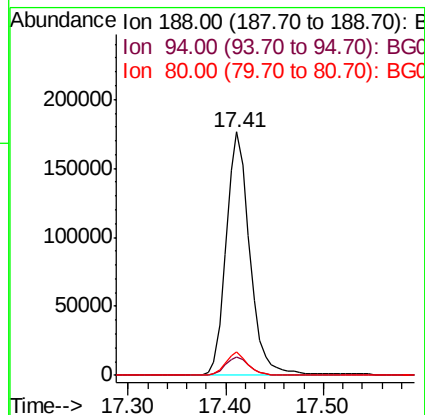
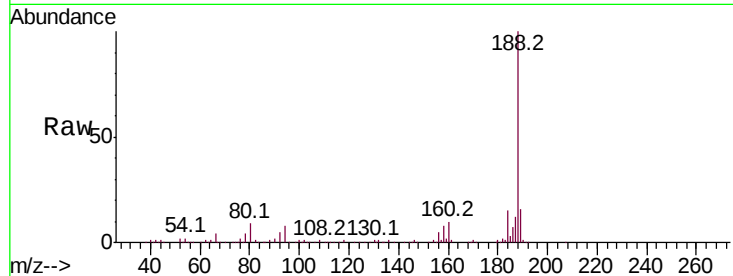




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

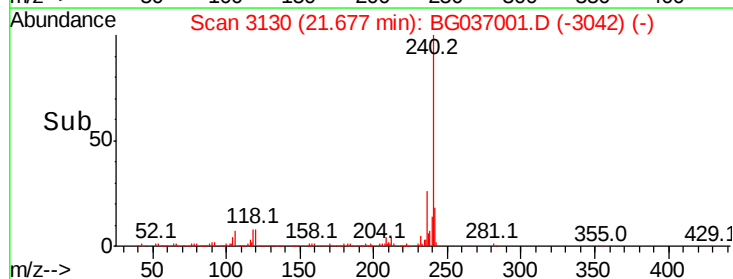
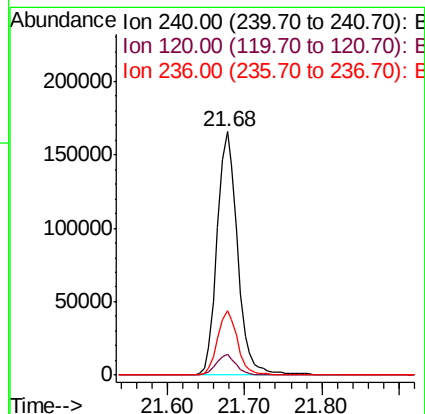
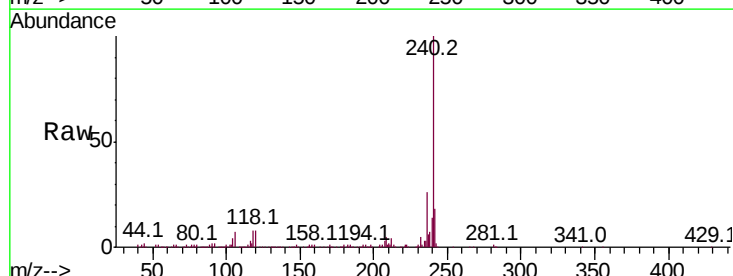
Instrument :
BNA_G
ClientSampleId :
CL-02-092518-D

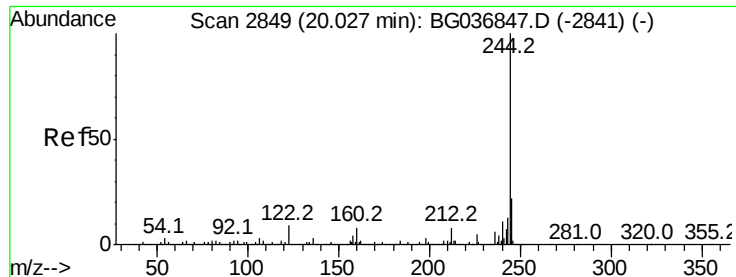
Tot Ion:188 Resp: 297349
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion:240 Resp: 303739
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.3 21.2 31.8





#78

Terphenyl-d14

Concen: 97.920 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037001.D

Acq: 27 Sep 2018 4:16

Instrument :

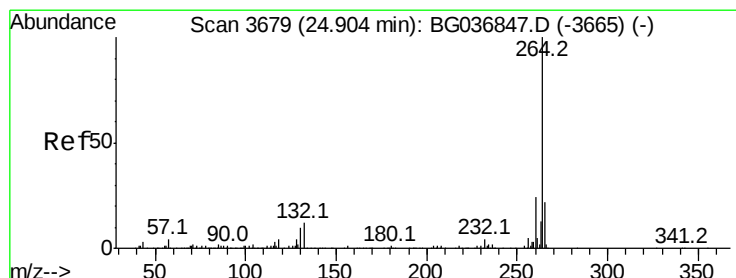
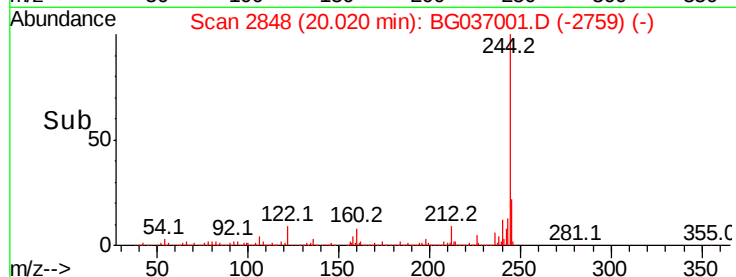
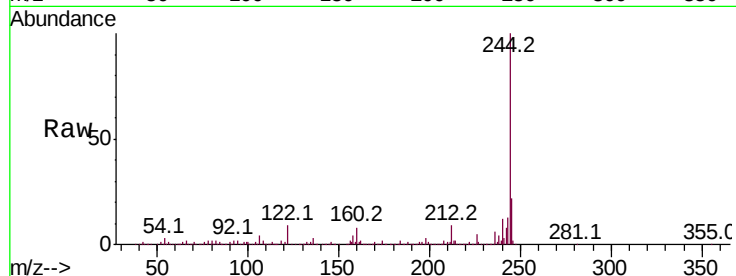
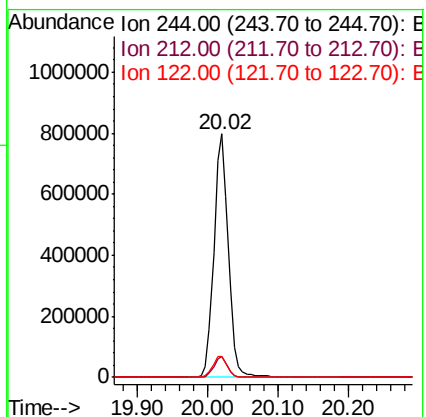
BNA_G

ClientSampleId :

CL-02-092518-D

Tot Ion:244 Resp: 1131101

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.7	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037001.D

Acq: 27 Sep 2018 4:16

Tgt Ion:264 Resp: 295021

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	22.3	17.4	26.0

