

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036762.D
 Acq On : 17 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4773-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-D

Quant Time: Sep 18 02:08:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56399	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	219189	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	143028	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	374746	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	392508	20.00	ng	-0.02
86) Perylene-d12	24.89	264	376857	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	371494	104.49	ng	0.00
7) Phenol-d6	7.21	99	474528	93.22	ng	-0.01
23) Nitrobenzene-d5	9.21	82	349361	86.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	221343	129.69	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	784515	78.32	ng	-0.01
78) Terphenyl-d14	20.02	244	1369270	81.54	ng	-0.01

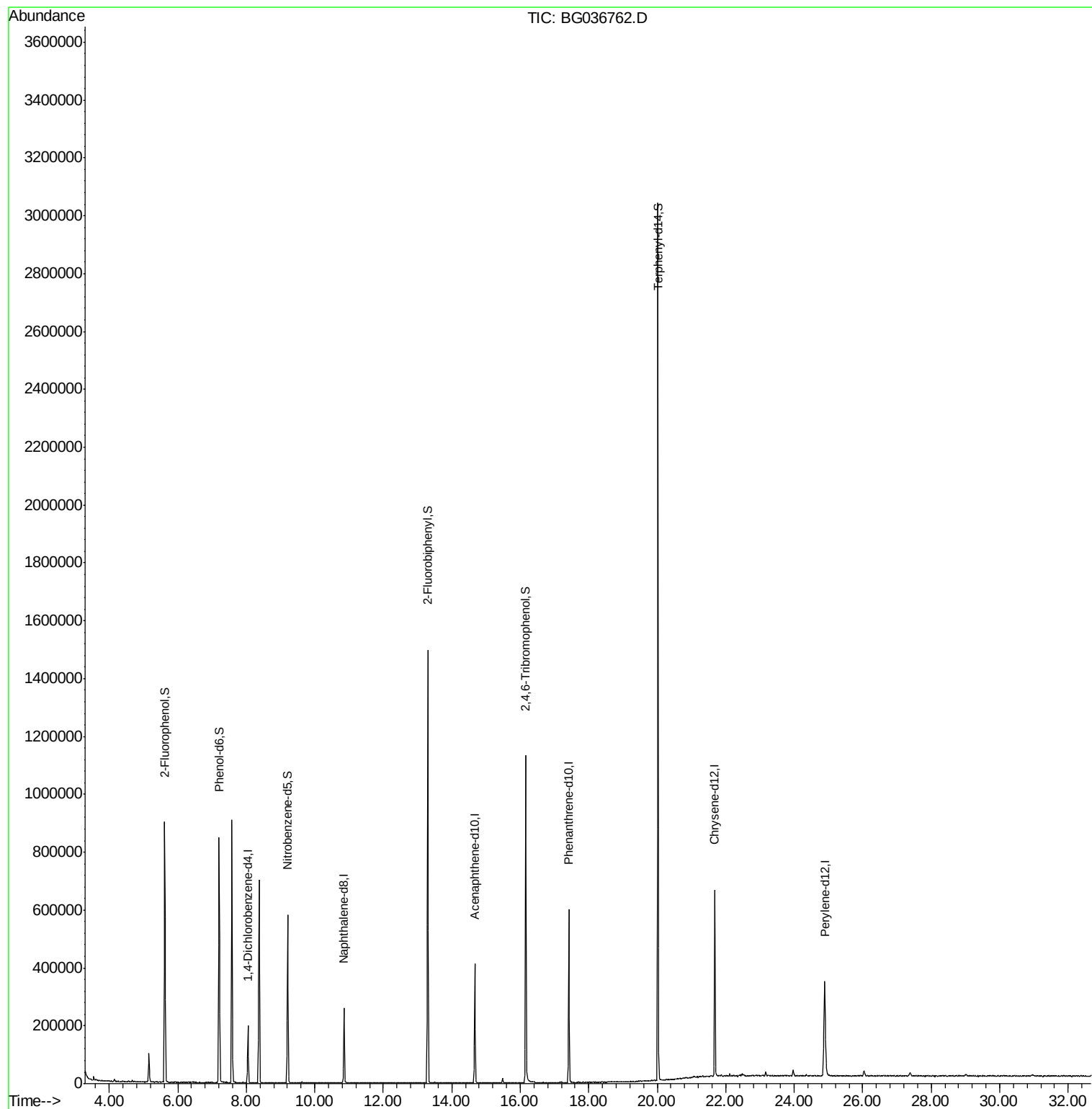
Target Compounds Qvalue

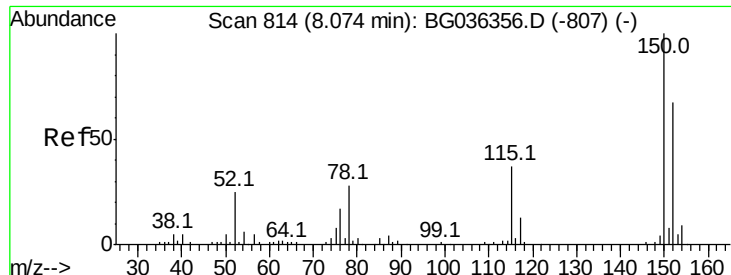
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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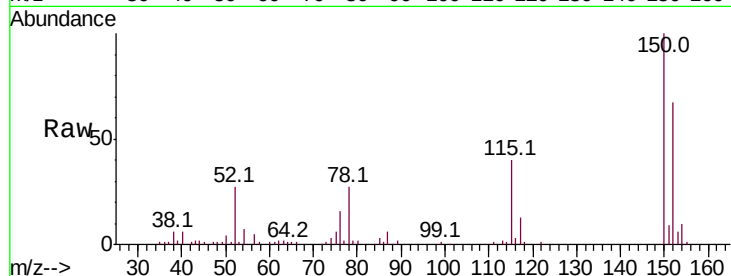


#1

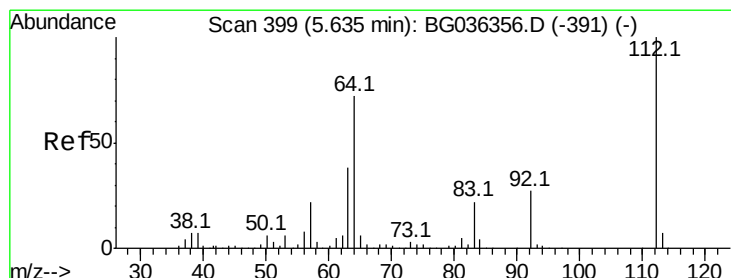
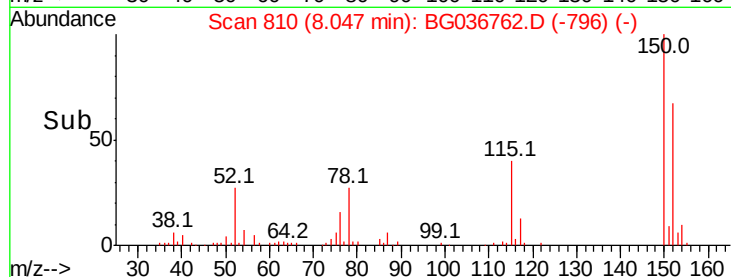
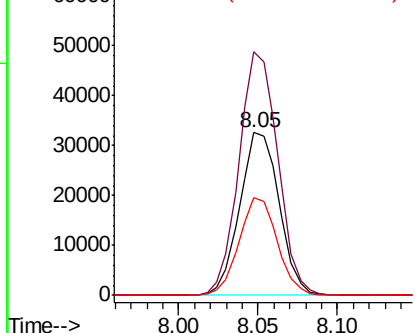
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :
CL-01-091418-D

Tot Ion:152 Resp: 56399
Ion Ratio Lower Upper
152 100
150 149.7 119.5 179.3
115 59.9 44.5 66.7



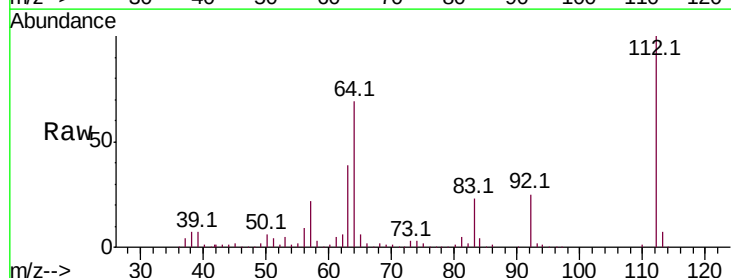
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



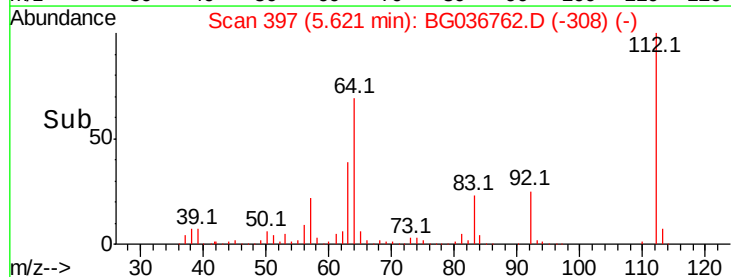
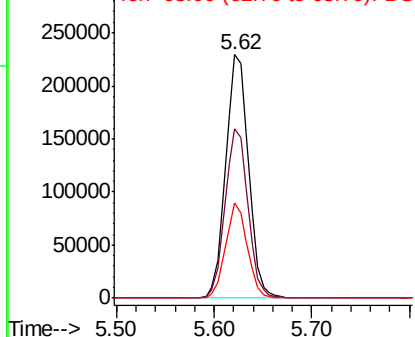
#5

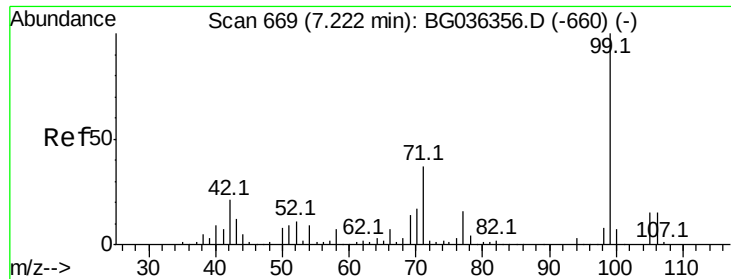
2-Fluorophenol
Concen: 104.487 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Tgt Ion:112 Resp: 371494
Ion Ratio Lower Upper
112 100
64 69.3 57.2 85.8
63 39.3 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: 93.219 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036762.D

Acq: 17 Sep 2018 20:00

Instrument :

BNA_G

ClientSampleID :

CL-01-091418-D

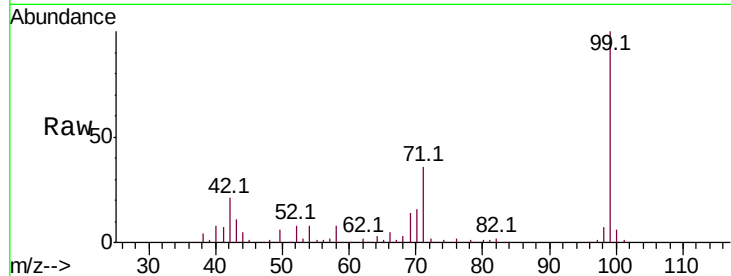
Tot Ion: 99 Resp: 474528

Ion Ratio Lower Upper

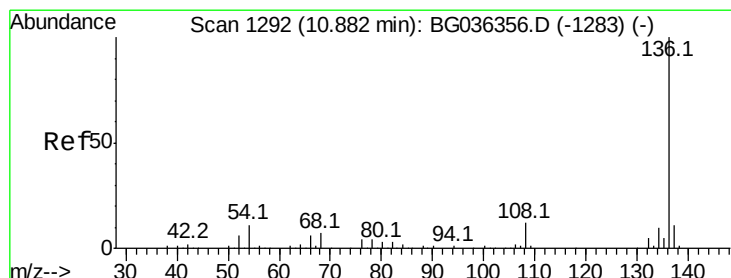
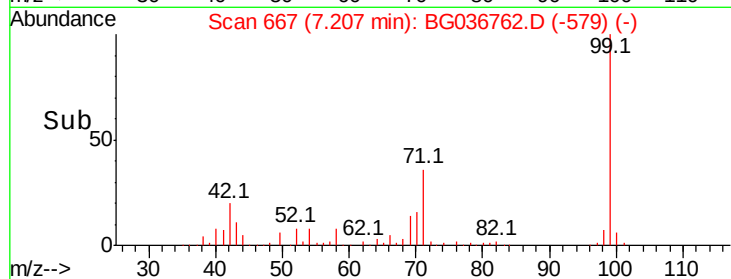
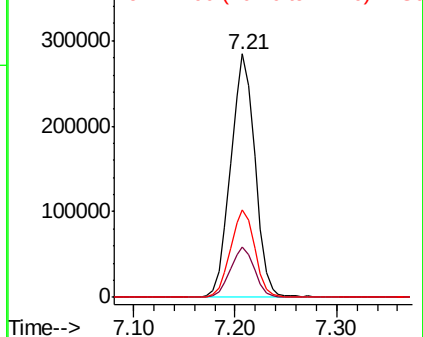
99 100

42 20.5 16.5 24.7

71 36.2 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036762.D

Acq: 17 Sep 2018 20:00

Tgt Ion: 136 Resp: 219189

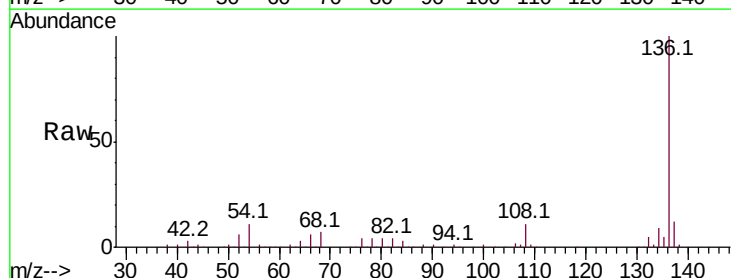
Ion Ratio Lower Upper

136 100

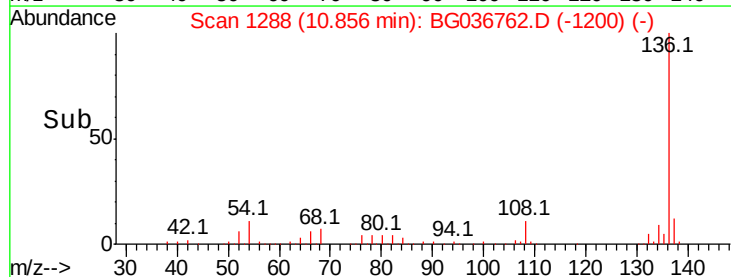
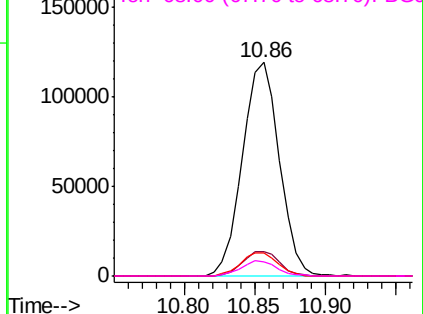
137 11.5 8.8 13.2

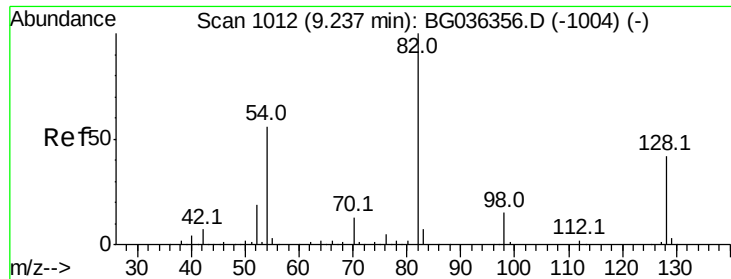
54 11.0 9.2 13.8

68 6.9 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

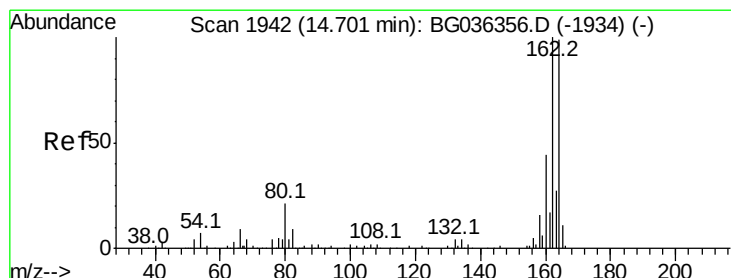
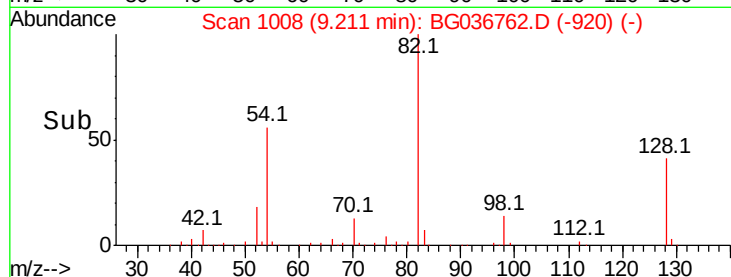
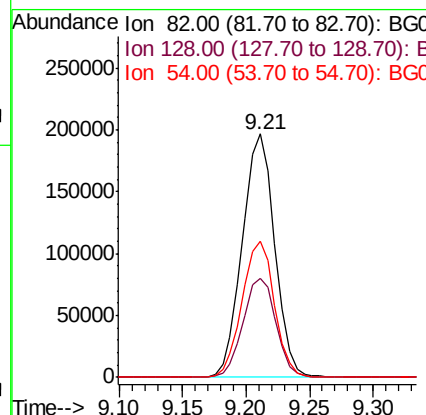
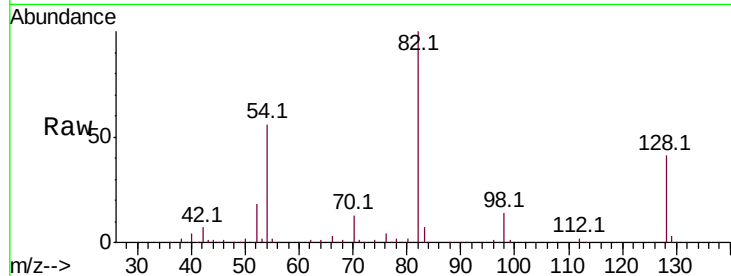




#23
Nitrobenzene-d5
Concen: 86.479 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

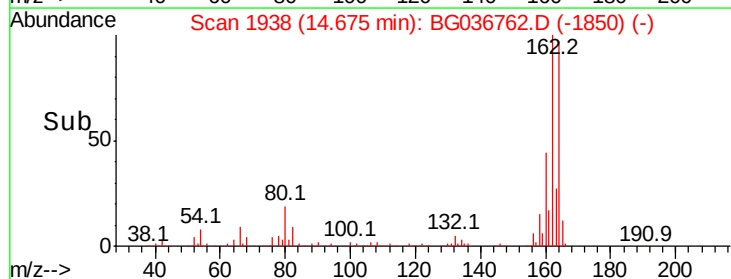
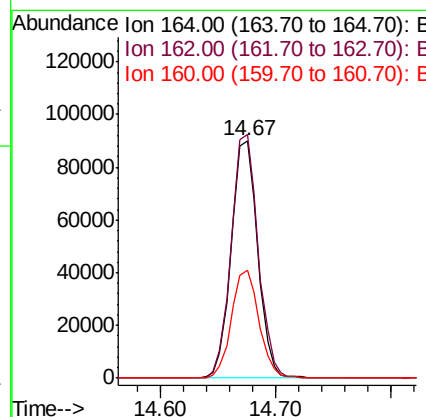
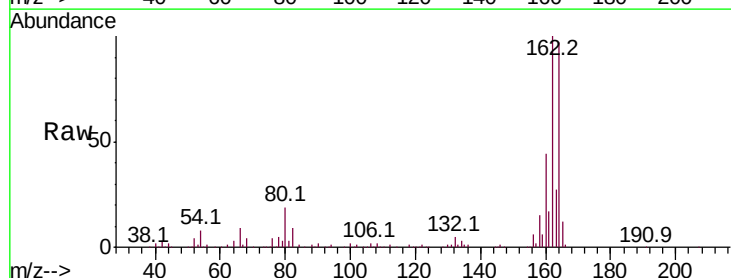
Instrument :
BNA_G
ClientSampleId :
CL-01-091418-D

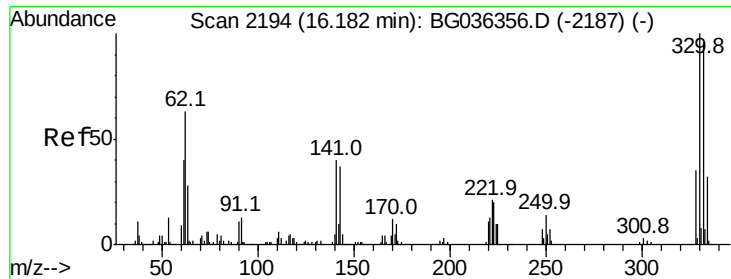
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	55.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.7	121.1
160	45.4	35.3	52.9

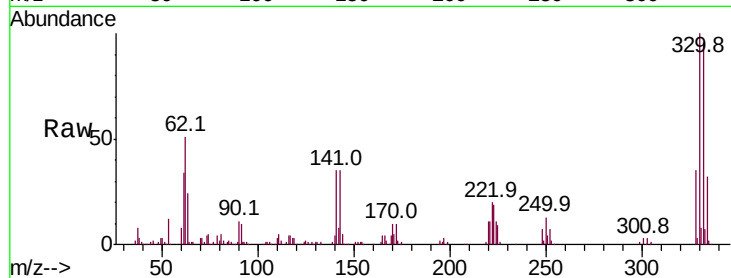




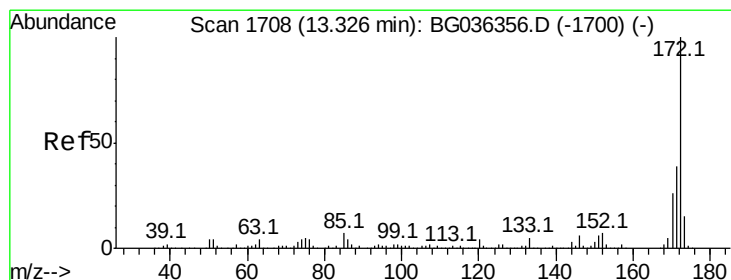
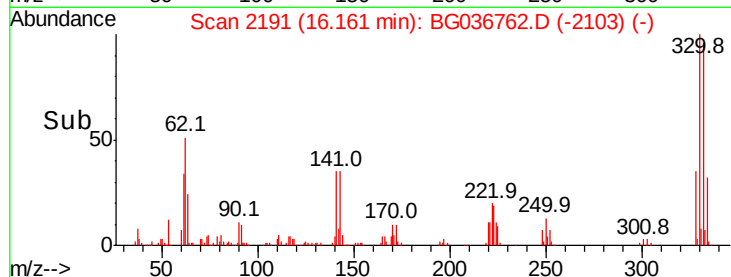
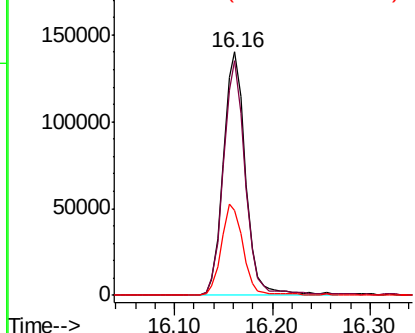
#41
 2,4,6-Tribromophenol
 Concen: 129.695 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036762.D
 Acq: 17 Sep 2018 20:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	36.8	30.7	46.1

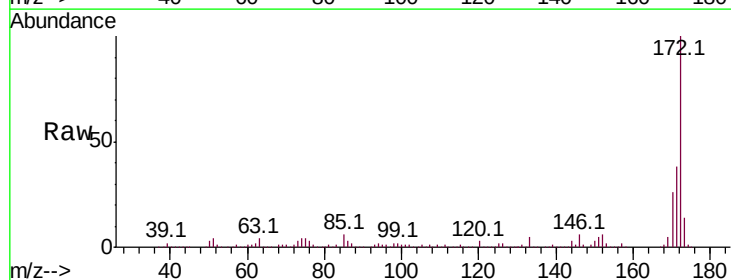


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

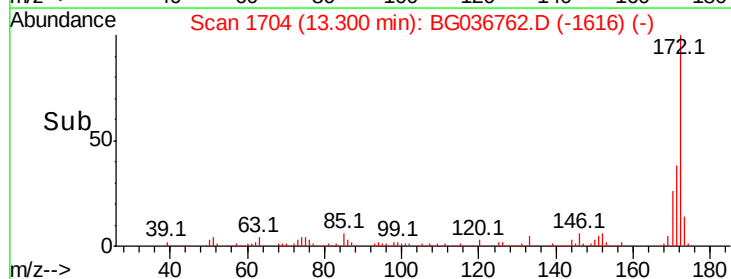
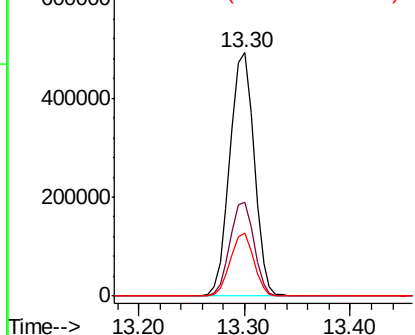


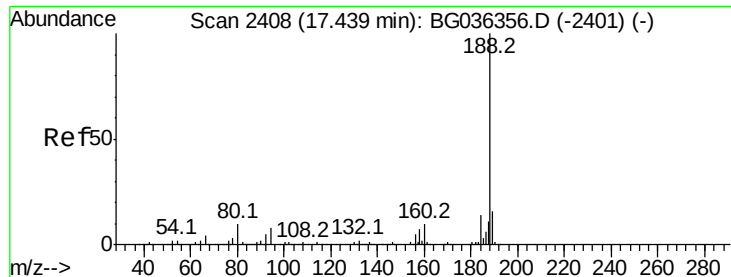
#44
 2-Fluorobiphenyl
 Concen: 78.316 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036762.D
 Acq: 17 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.8	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

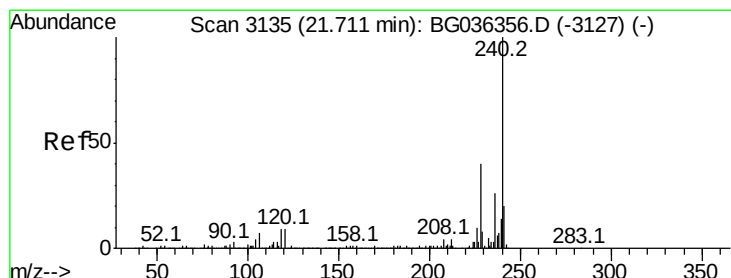
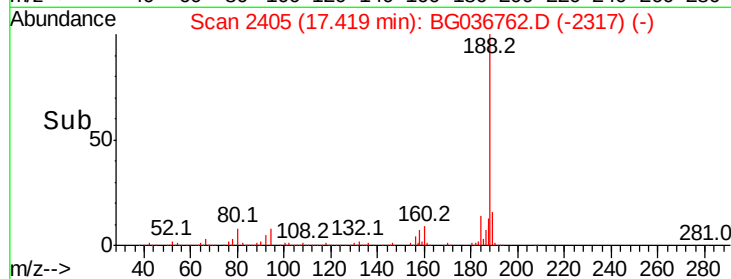
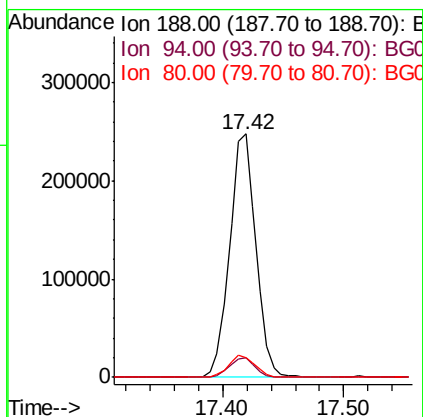
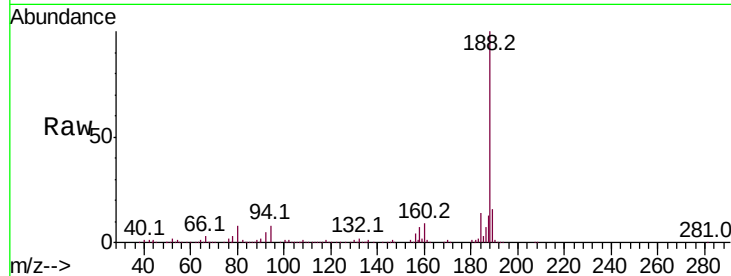




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

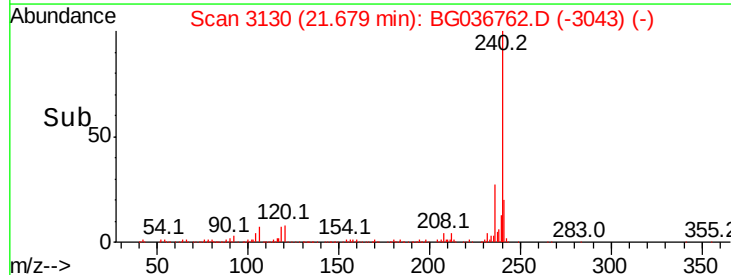
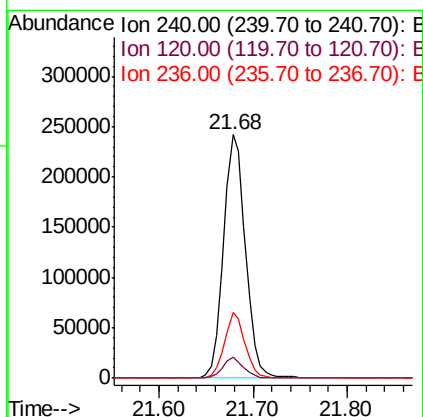
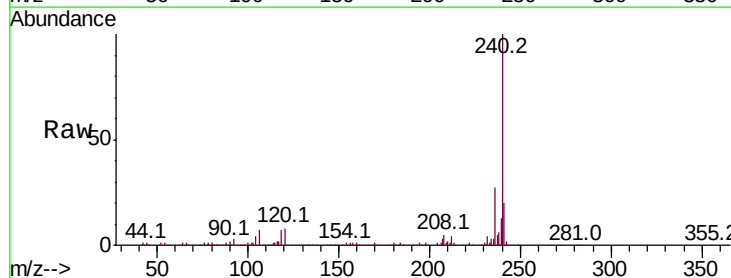
Instrument :
BNA_G
ClientSampleId :
CL-01-091418-D

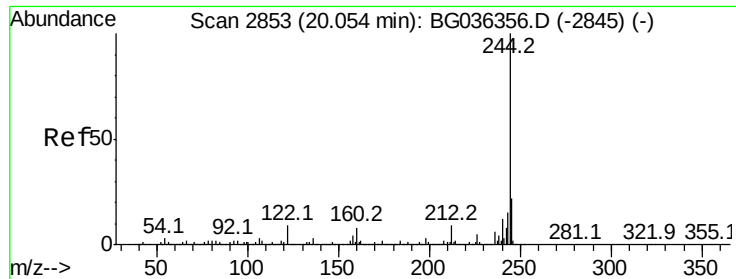
Tot Ion:188 Resp: 374746
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Tgt Ion:240 Resp: 392508
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 27.0 21.2 31.8





#78

Terphenyl-d14

Concen: 81.539 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036762.D

Acq: 17 Sep 2018 20:00

Instrument :

BNA_G

ClientSampleId :

CL-01-091418-D

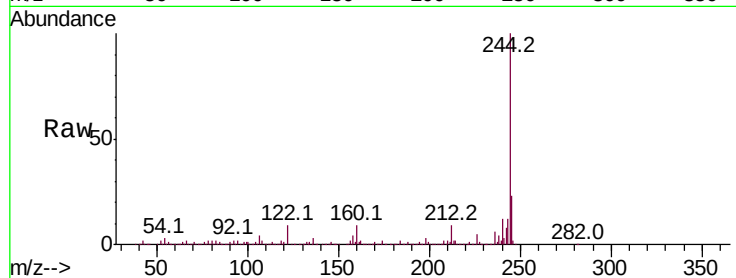
Tot Ion:244 Resp: 1369270

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

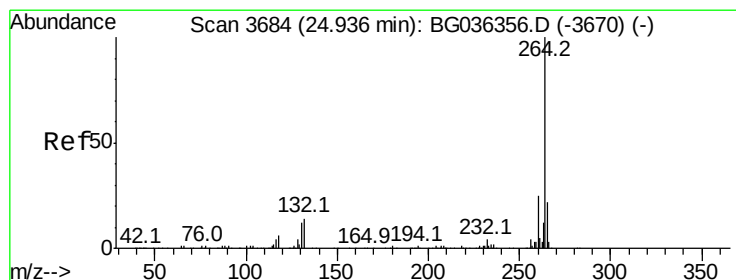
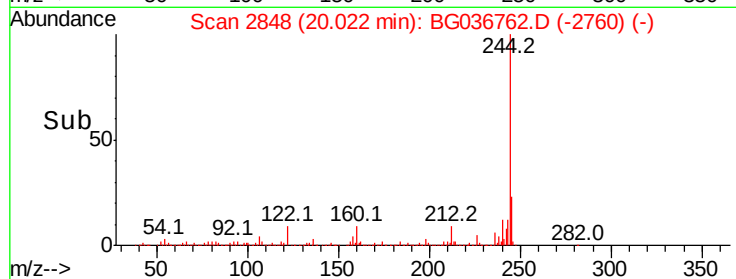
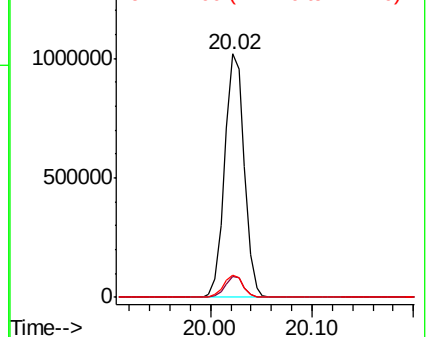
122 9.3 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036762.D

Acq: 17 Sep 2018 20:00

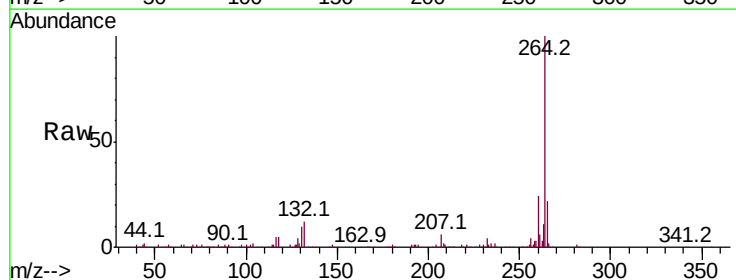
Tgt Ion:264 Resp: 376857

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.5 17.4 26.0



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

