

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036888.D
 Acq On : 22 Sep 2018 10:58
 Operator : JU/SJ
 Sample : J4987-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200036

Quant Time: Sep 24 04:10:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	34838	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	147520	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	99617	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	280148	20.00	ng	0.00
75) Chrysene-d12	21.68	240	299516	20.00	ng	0.00
86) Perylene-d12	24.89	264	299593	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	241506	132.95	ng	0.00
7) Phenol-d6	7.21	99	313400	111.51	ng	0.00
23) Nitrobenzene-d5	9.21	82	250207	90.83	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	168741	141.58	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	571237	85.41	ng	0.00
78) Terphenyl-d14	20.02	244	1152893	101.21	ng	0.00

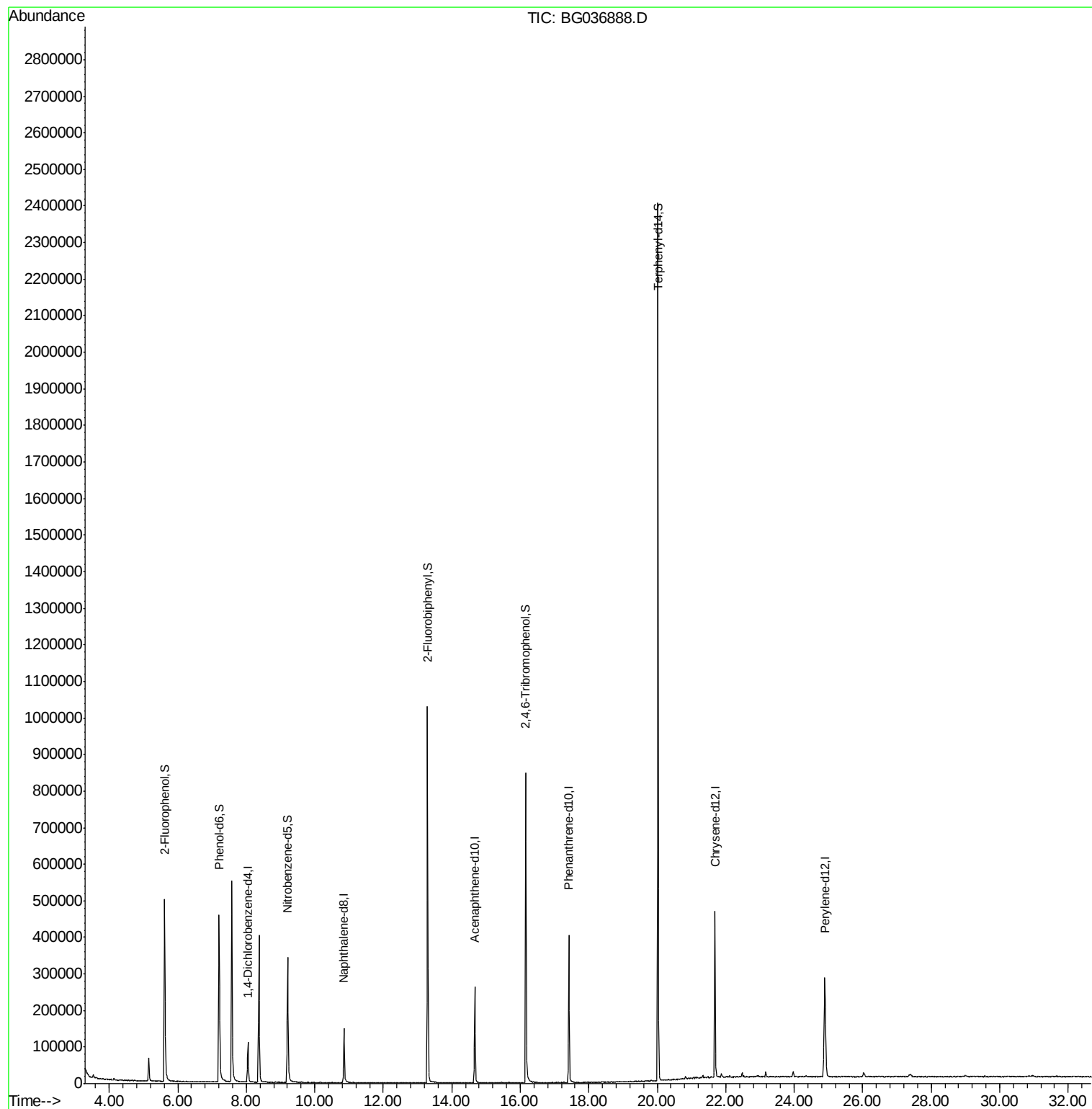
Target Compounds Qvalue

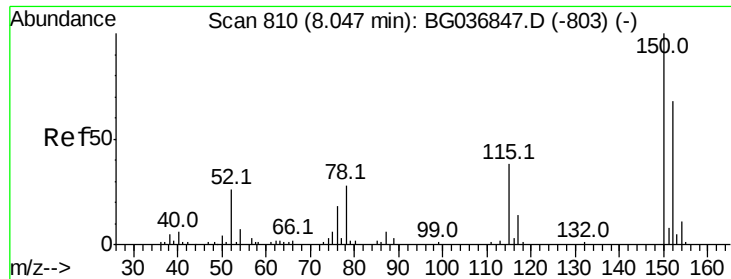
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036888.D

Acq: 22 Sep 2018 10:58

Instrument :

BNA_G

ClientSampleId :

RBR200036

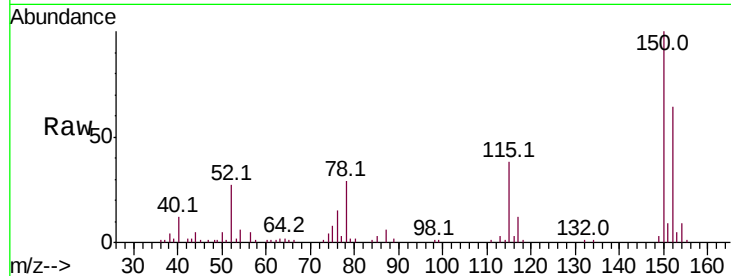
Tot Ion:152 Resp: 34838

Ion Ratio Lower Upper

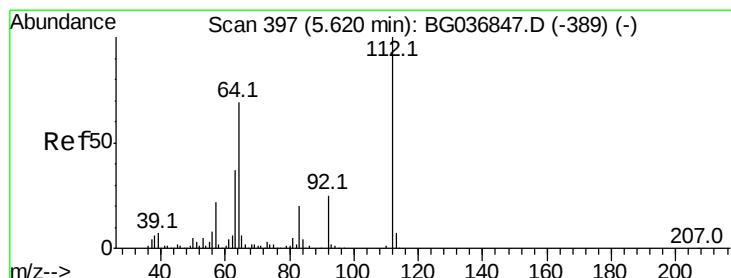
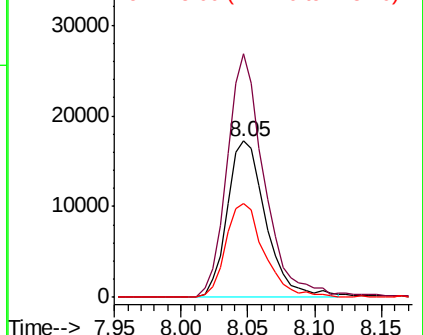
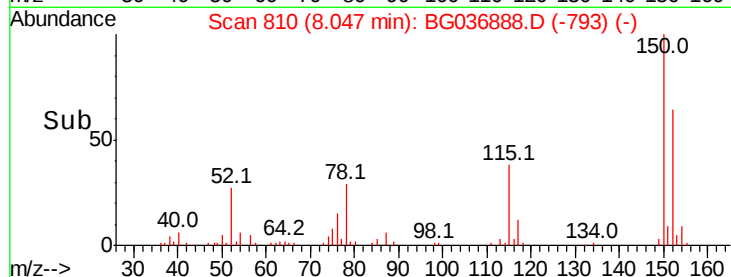
152 100

150 155.6 119.5 179.3

115 59.6 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: 132.946 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036888.D

Acq: 22 Sep 2018 10:58

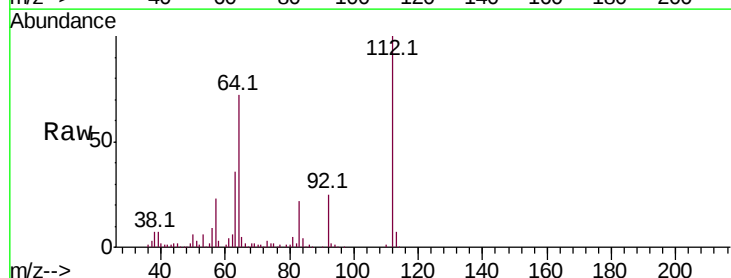
Tgt Ion:112 Resp: 241506

Ion Ratio Lower Upper

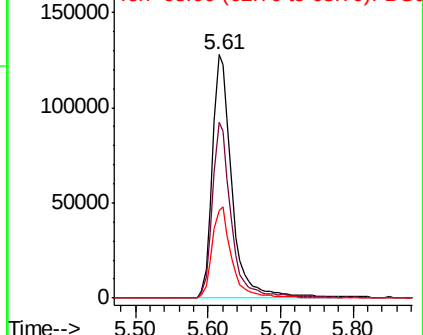
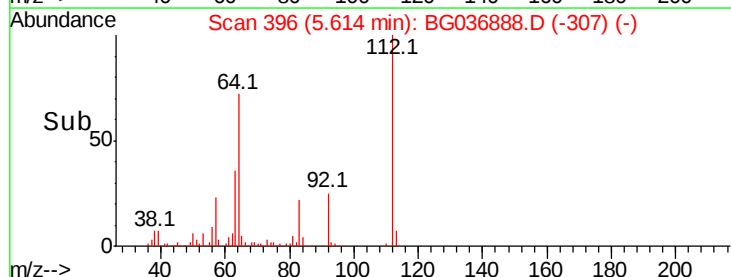
112 100

64 71.9 57.2 85.8

63 35.9 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: 111.508 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036888.D

Acq: 22 Sep 2018 10:58

Instrument :

BNA_G

ClientSampleId :

RBR200036

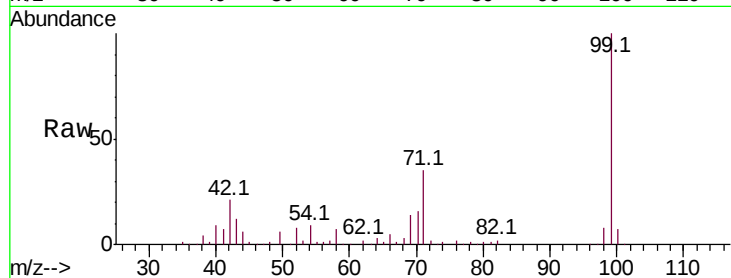
Tot Ion: 99 Resp: 313400

Ion Ratio Lower Upper

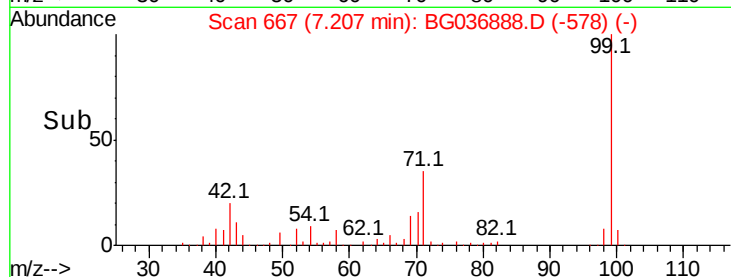
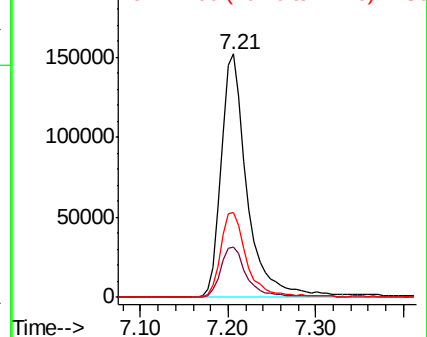
99 100

42 20.5 16.5 24.7

71 35.0 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036888.D

Acq: 22 Sep 2018 10:58

Tgt Ion: 136 Resp: 147520

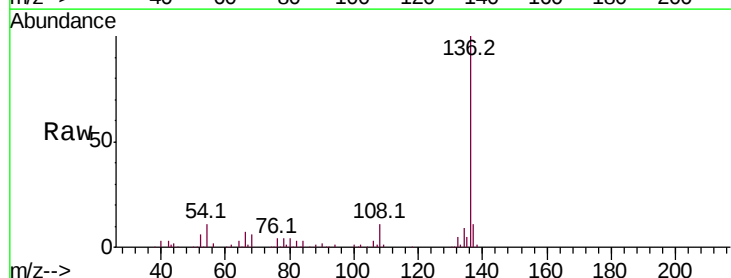
Ion Ratio Lower Upper

136 100

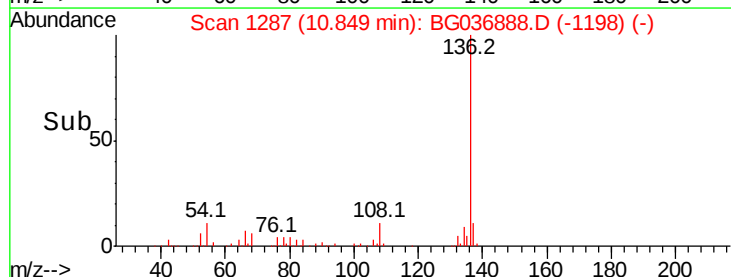
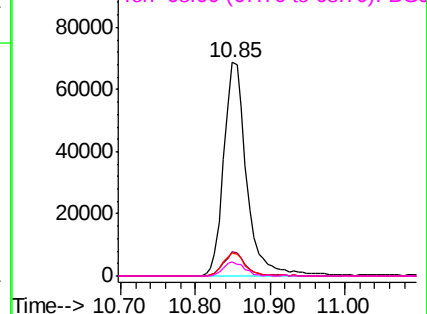
137 11.4 8.8 13.2

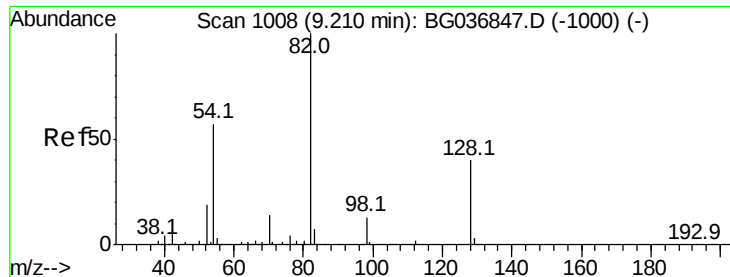
54 11.0 9.2 13.8

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

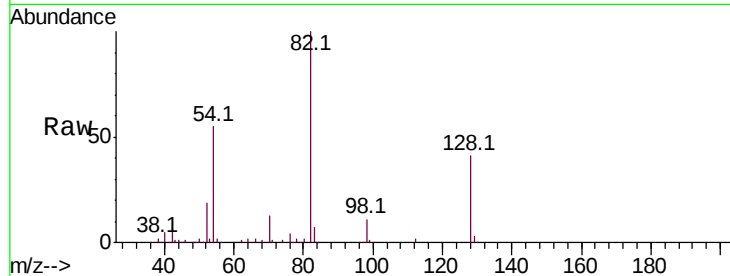




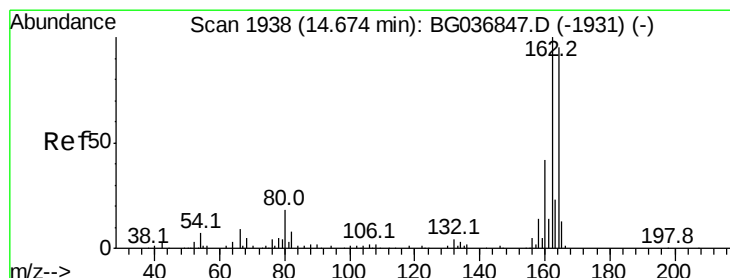
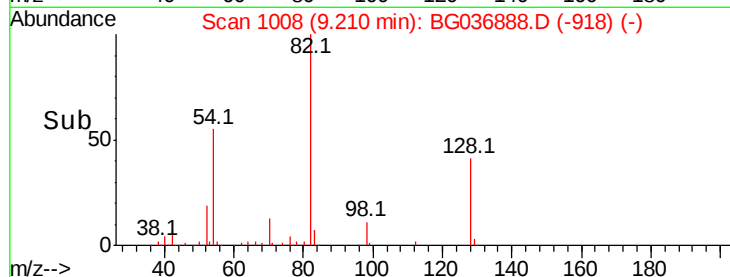
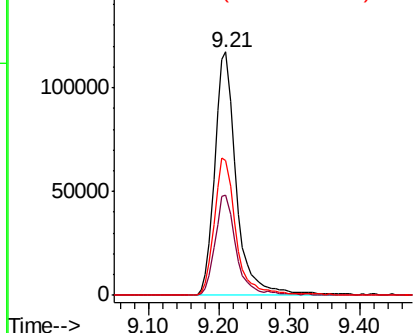
#23
Nitrobenzene-d5
Concen: 90.827 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036888.D
Acq: 22 Sep 2018 10:58

Instrument :
BNA_G
ClientSampleId :
RBR200036

Tot Ion	82	Resp	250207
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	55.5	45.1	67.7

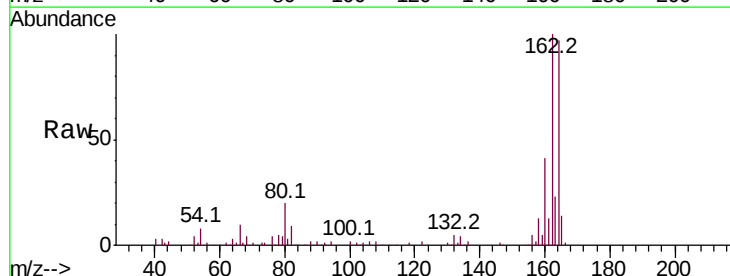


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

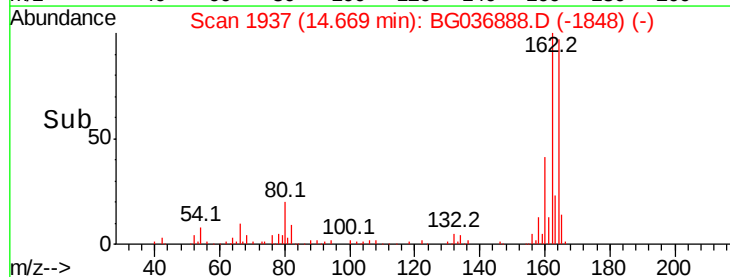
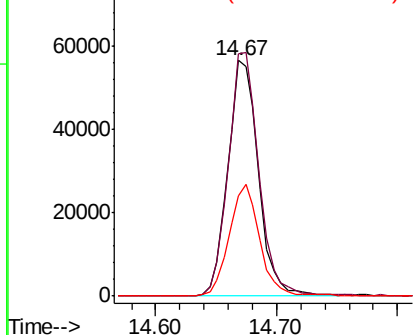


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036888.D
Acq: 22 Sep 2018 10:58

Tgt Ion	164	Resp	99617
Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.7	121.1
160	42.4	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

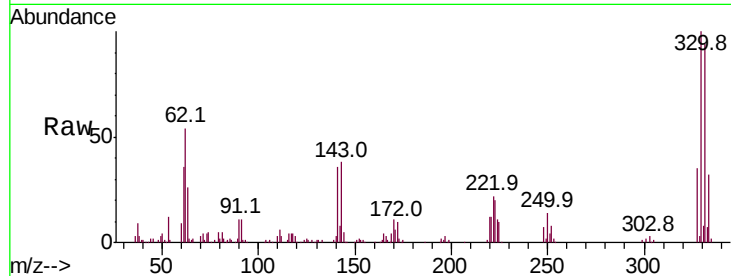




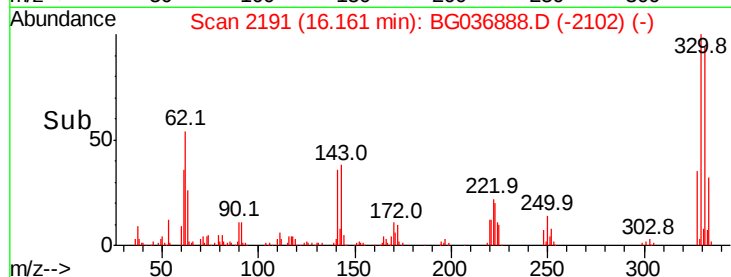
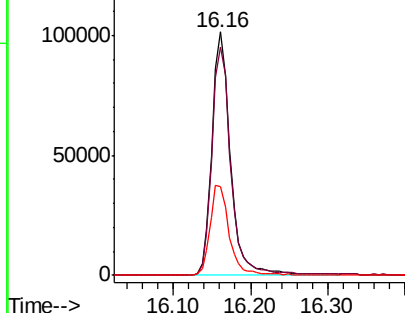
#41
 2,4,6-Tribromophenol
 Concen: 141.578 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036888.D
 Acq: 22 Sep 2018 10:58

Instrument :
 BNA_G
 ClientSampleId :
 RBR200036

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	38.1	30.7	46.1

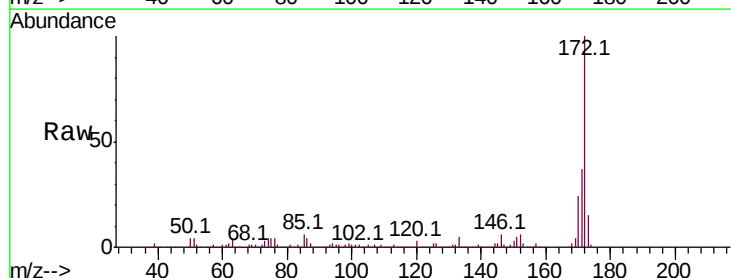


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

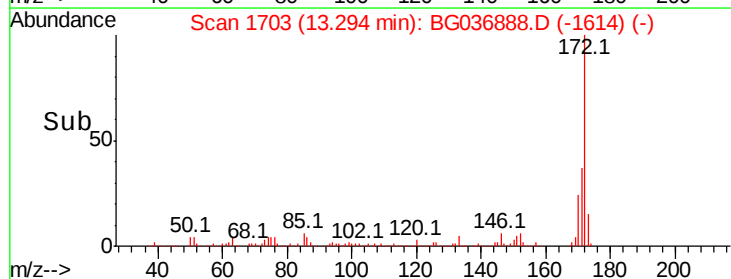
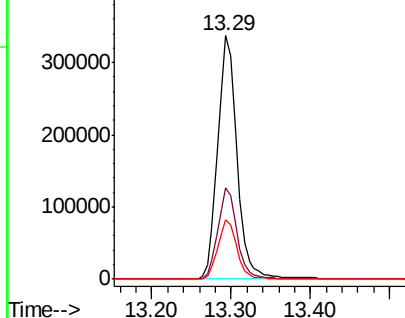


#44
 2-Fluorobiphenyl
 Concen: 85.407 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036888.D
 Acq: 22 Sep 2018 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	24.1	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

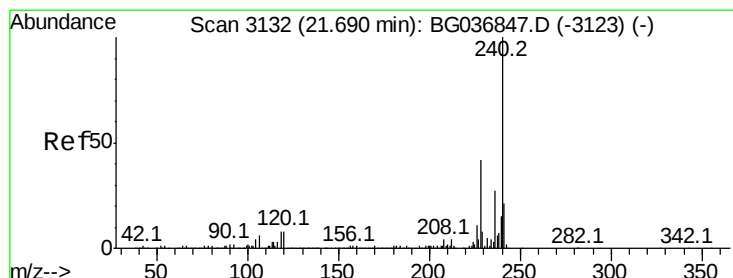
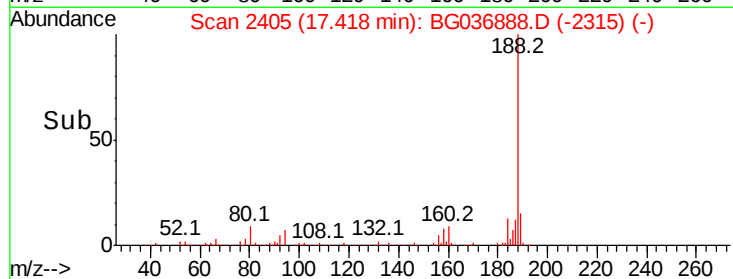
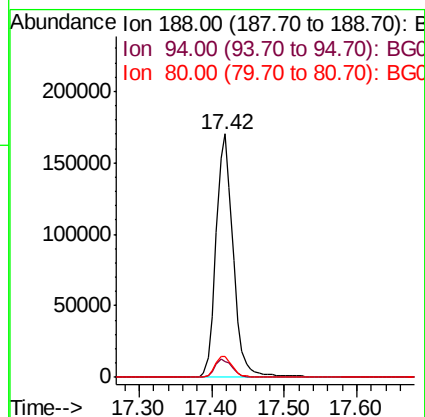
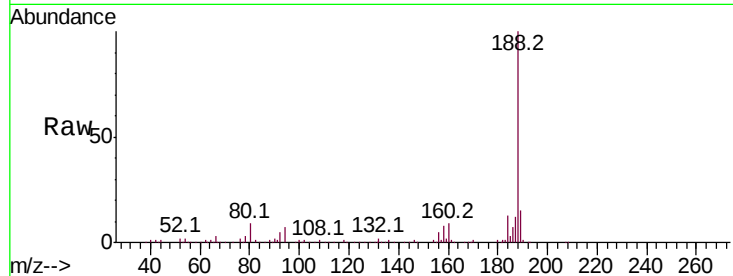




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036888.D
Acq: 22 Sep 2018 10:58

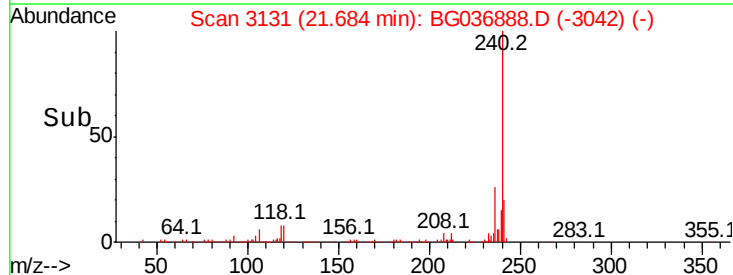
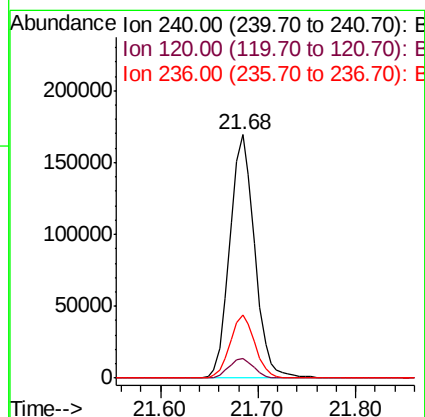
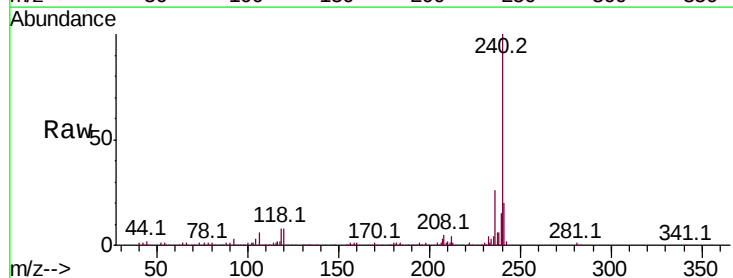
Instrument :
BNA_G
ClientSampleId :
RBR200036

Tot Ion:188 Resp: 280148
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1#
80 8.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036888.D
Acq: 22 Sep 2018 10:58

Tgt Ion:240 Resp: 299516
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.7 21.2 31.8



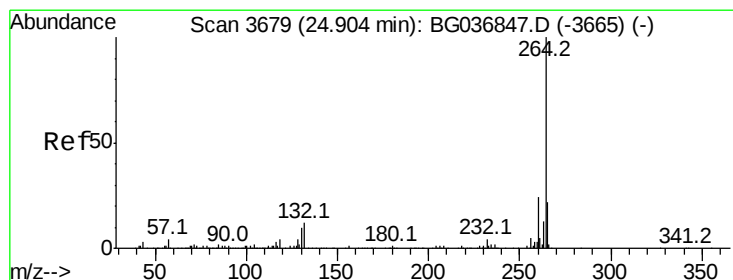
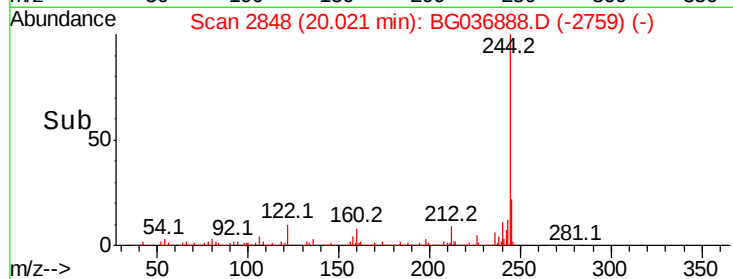
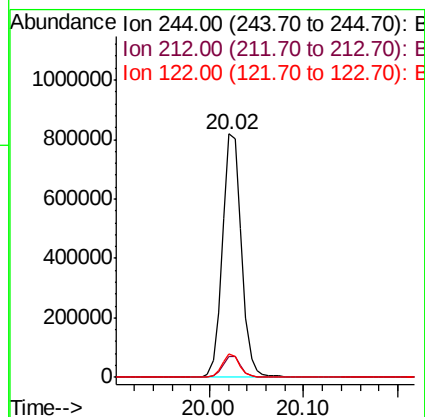
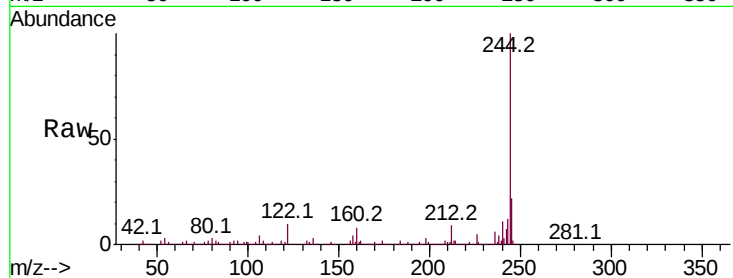


#78
 Terphenyl-d14
 Concen: 101.214 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036888.D
 Acq: 22 Sep 2018 10:58

Instrument :
 BNA_G
 ClientSampleId :
 RBR200036

Tot Ion:244 Resp: 1152893

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036888.D
 Acq: 22 Sep 2018 10:58

Tgt Ion:264 Resp: 299593

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	22.3	17.4	26.0

