

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036899.D
 Acq On : 22 Sep 2018 18:08
 Operator : JU/SJ
 Sample : J5019-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091918-DBRI-E-U-B

Quant Time: Sep 24 04:33:46 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

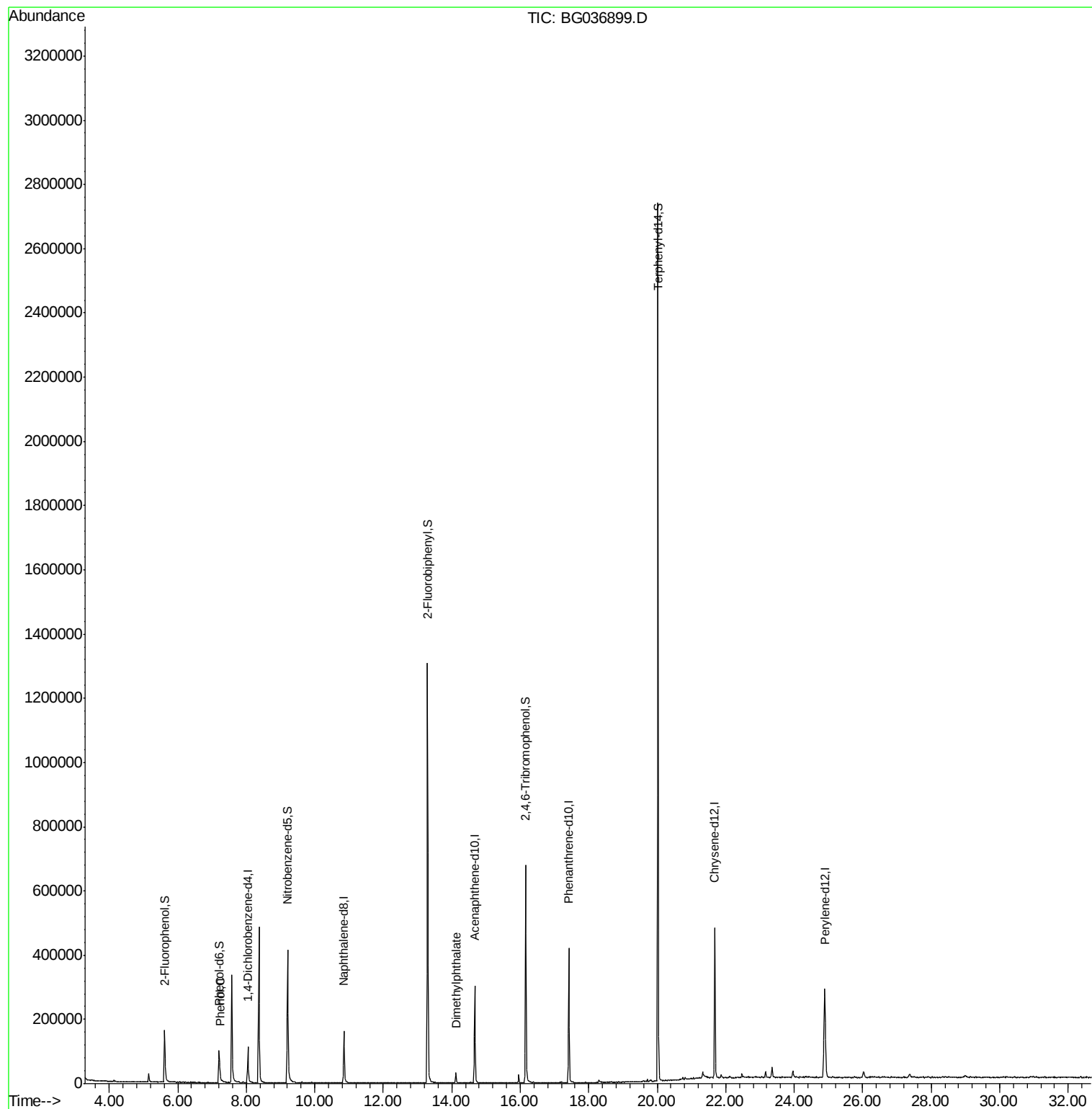
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36763	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	161597	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111208	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	292947	20.00	ng	0.00
75) Chrysene-d12	21.68	240	305812	20.00	ng	-0.01
86) Perylene-d12	24.89	264	305546	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	86440	45.09	ng	0.00
7) Phenol-d6	7.21	99	76741	25.87	ng	0.00
23) Nitrobenzene-d5	9.21	82	302859	100.36	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	138812	104.33	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	739783	99.08	ng	0.00
78) Terphenyl-d14	20.02	244	1301736	111.93	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6339	2.071	ng	98
49) Dimethylphthalate	14.12	163	27532	3.076	ng	98

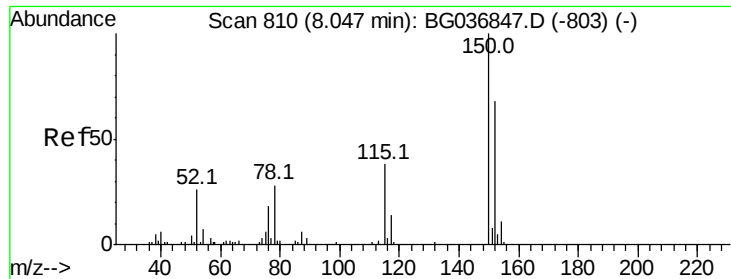
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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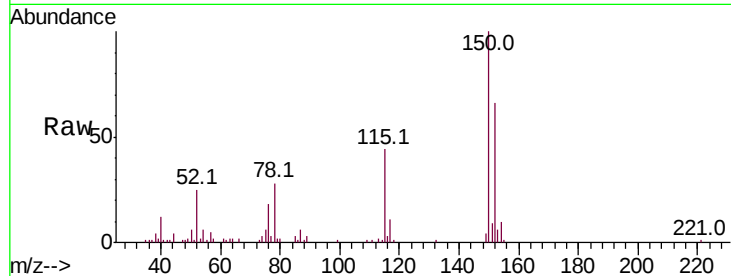


#1

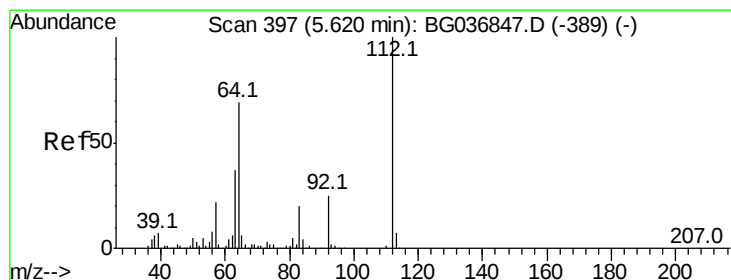
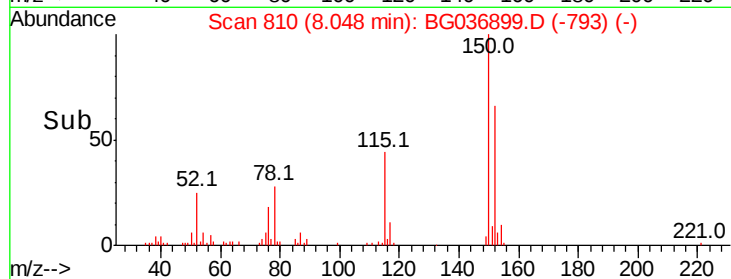
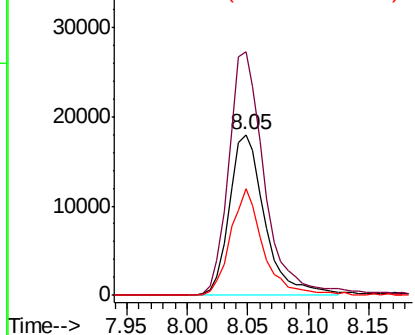
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036899.D
Acq: 22 Sep 2018 18:08

Instrument :
BNA_G
ClientSampleId :
091918-DBRI-E-U-B

Tot Ion:152 Resp: 36763
Ion Ratio Lower Upper
152 100
150 151.2 119.5 179.3
115 66.3 44.5 66.7



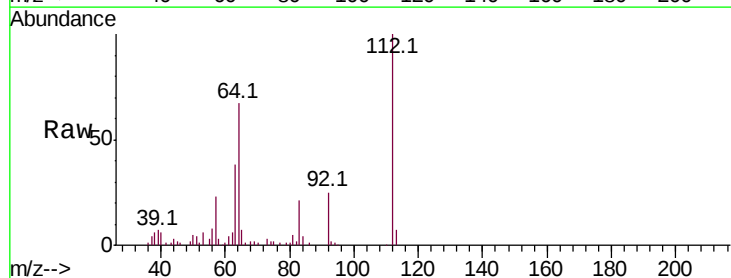
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



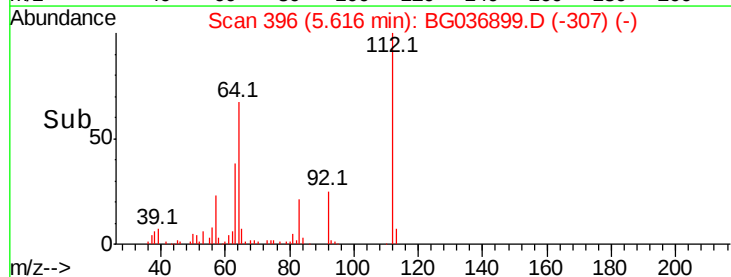
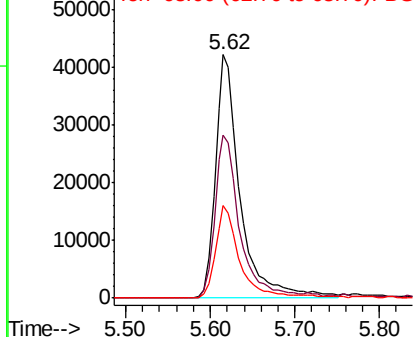
#5

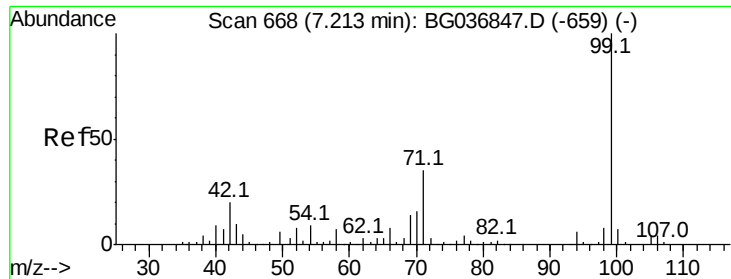
2-Fluorophenol
Concen: 45.092 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036899.D
Acq: 22 Sep 2018 18:08

Tgt Ion:112 Resp: 86440
Ion Ratio Lower Upper
112 100
64 67.1 57.2 85.8
63 38.0 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: 25.875 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036899.D

Acq: 22 Sep 2018 18:08

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-U-B

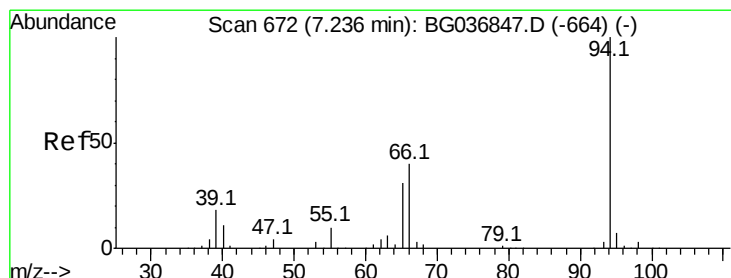
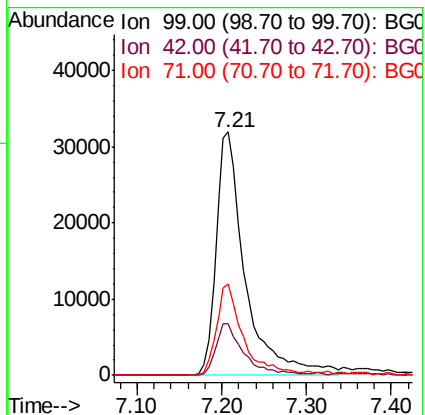
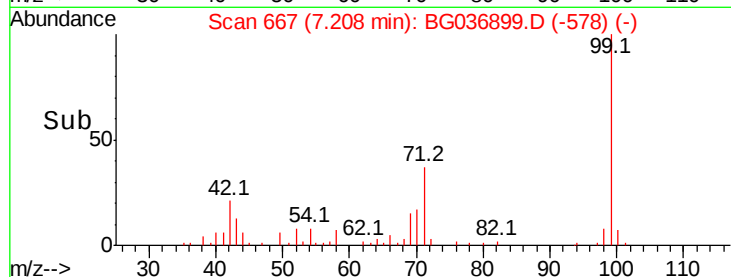
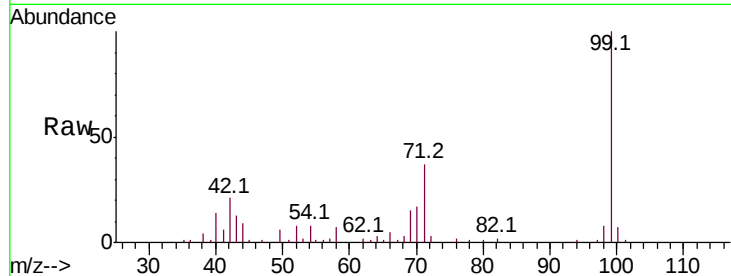
Tot Ion: 99 Resp: 76741

Ion Ratio Lower Upper

99 100

42 21.1 16.5 24.7

71 37.5 29.4 44.2



#10

Phenol

Concen: 2.071 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036899.D

Acq: 22 Sep 2018 18:08

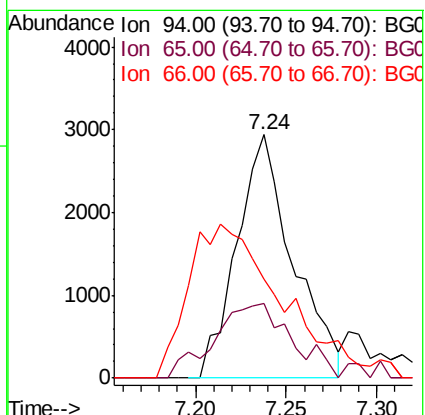
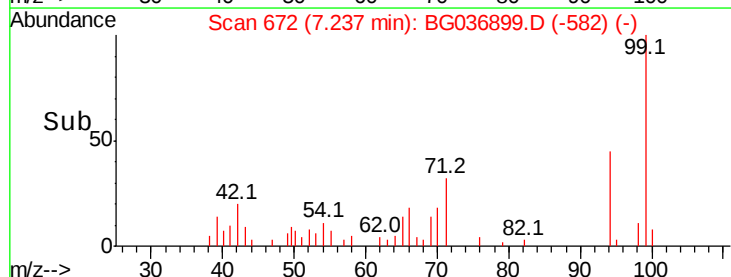
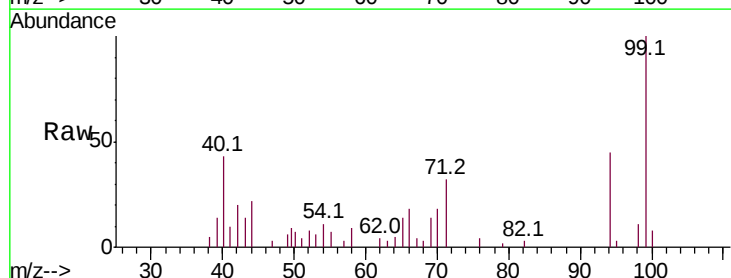
Tgt Ion: 94 Resp: 6339

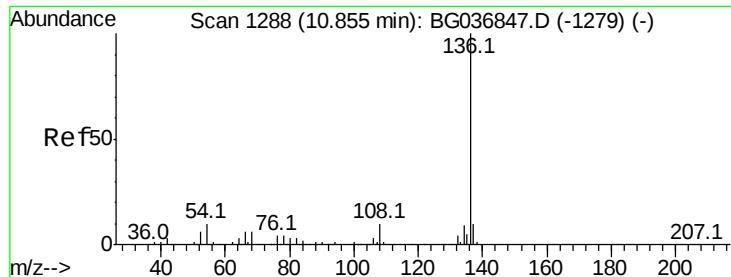
Ion Ratio Lower Upper

94 100

65 30.7 11.5 51.5

66 40.6 19.5 59.5

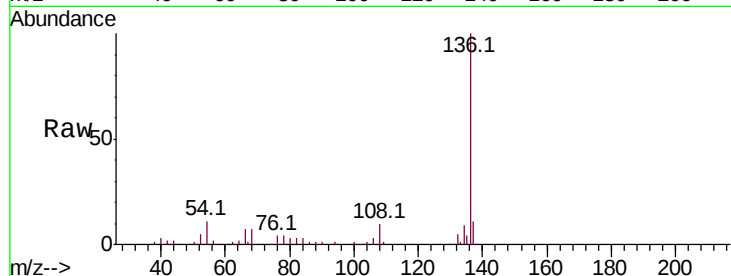




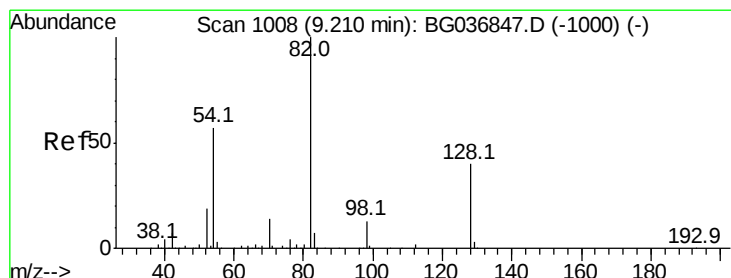
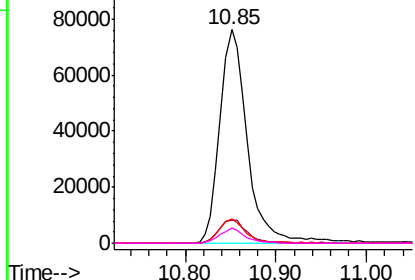
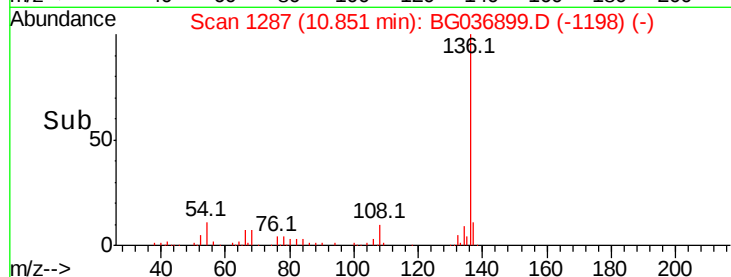
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036899.D
Acq: 22 Sep 2018 18:08

Instrument :
BNA_G
ClientSampleId :
091918-DBRI-E-U-B

Tot Ion:136	Resp:	161597
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 11.4	9.2	13.8
68 7.3	5.8	8.6

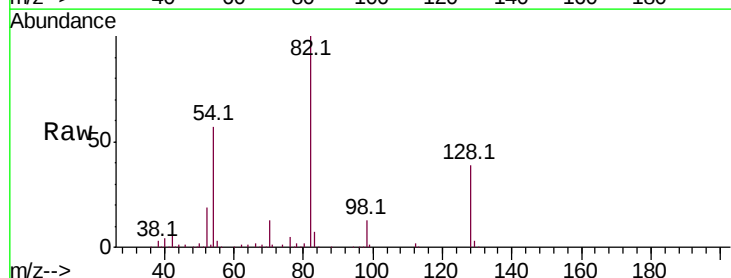


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

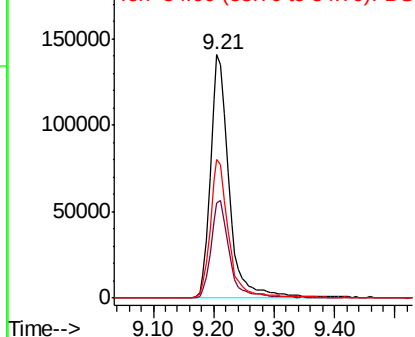
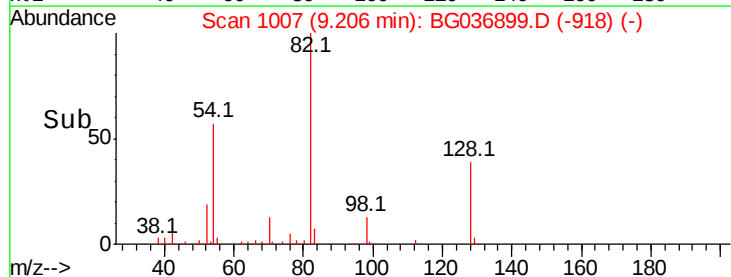


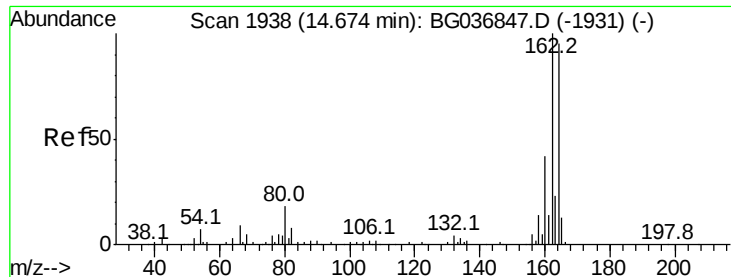
#23
Nitrobenzene-d5
Concen: 100.363 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036899.D
Acq: 22 Sep 2018 18:08

Tgt Ion: 82	Resp: 302859
Ion Ratio	Lower Upper
82 100	
128 39.3	33.3 49.9
54 56.8	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
Ion 128.00 (127.70 to 128.70): E
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. -0.00 min

Lab File: BG036899.D

Acq: 22 Sep 2018 18:08

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-U-B

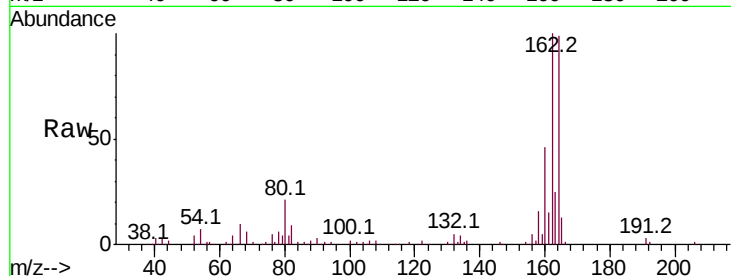
Tot Ion:164 Resp: 111208

Ion Ratio Lower Upper

164 100

162 101.1 80.7 121.1

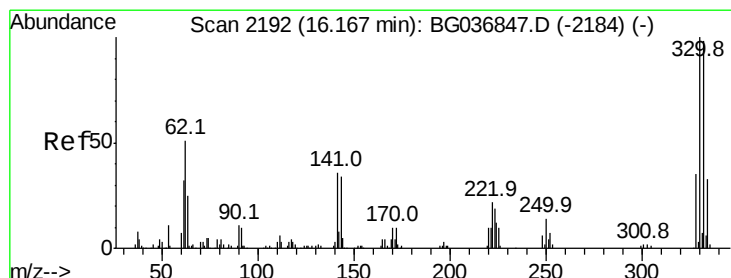
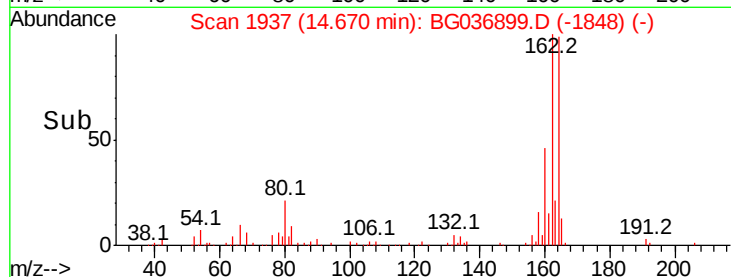
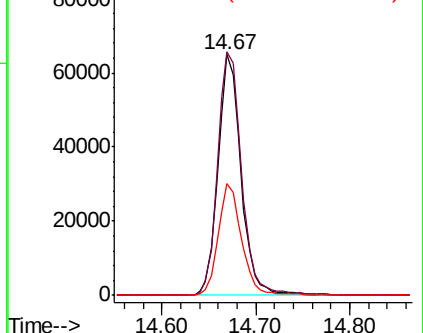
160 46.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.328 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG036899.D

Acq: 22 Sep 2018 18:08

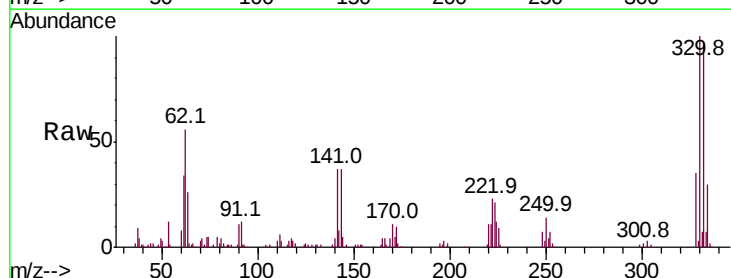
Tgt Ion:330 Resp: 138812

Ion Ratio Lower Upper

330 100

332 93.7 75.4 113.2

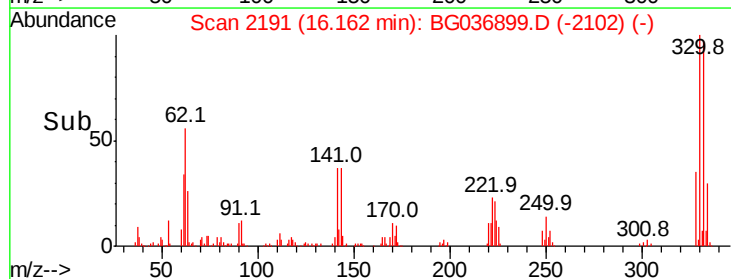
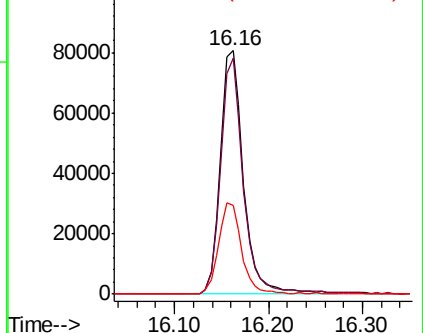
141 37.3 30.7 46.1

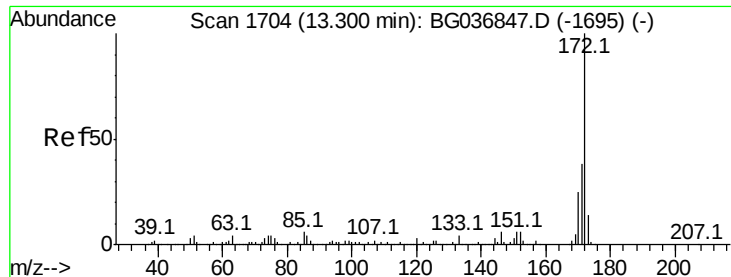


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

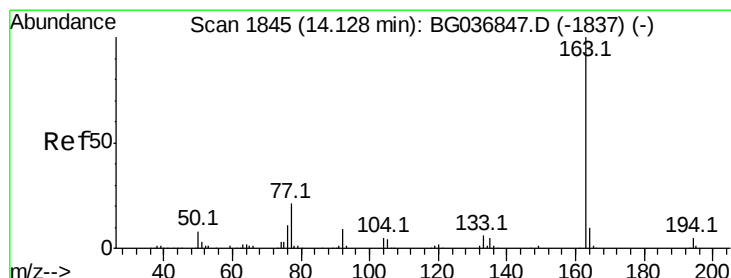
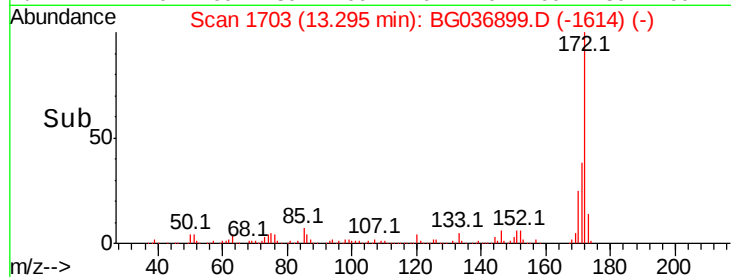
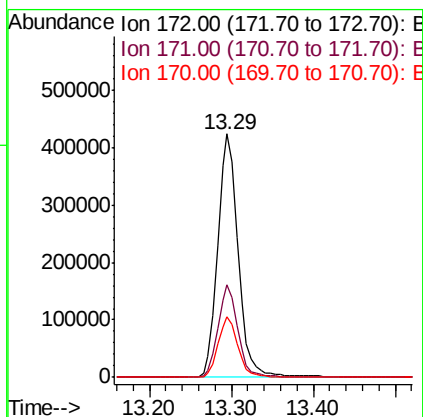
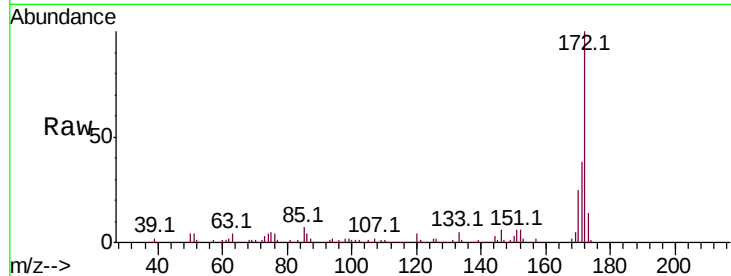




#44
2-Fluorobiphenyl
Concen: 99.078 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036899.D
Acq: 22 Sep 2018 18:08

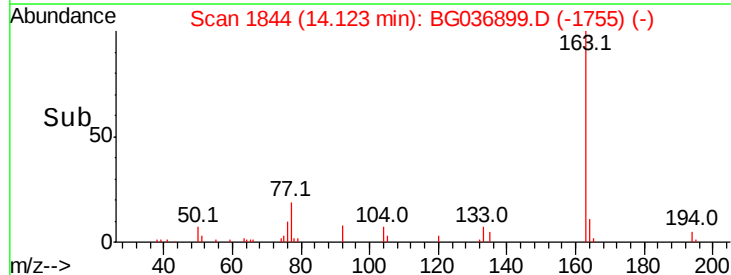
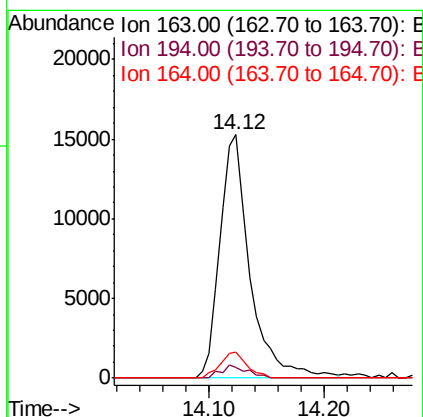
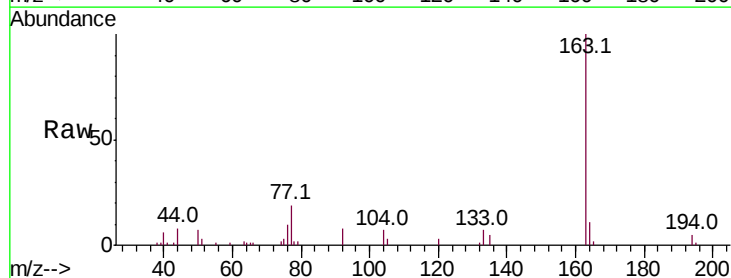
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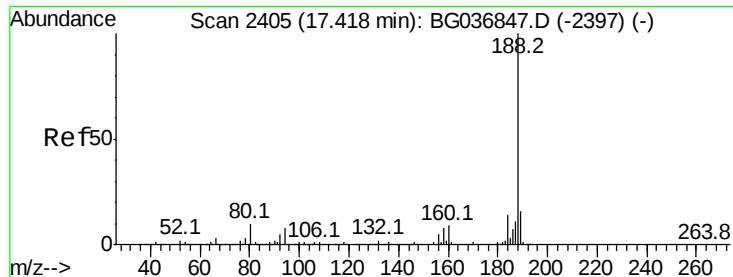
Tot Ion:172 Resp: 739783
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 25.1 21.0 31.6



#49
Dimethylphthalate
Concen: 3.076 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG036899.D
Acq: 22 Sep 2018 18:08

Tgt Ion:163 Resp: 27532
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 10.8 8.1 12.1

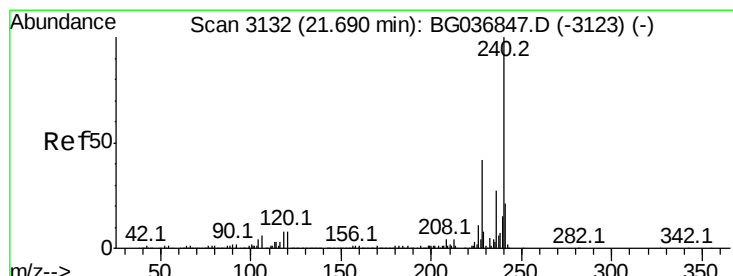
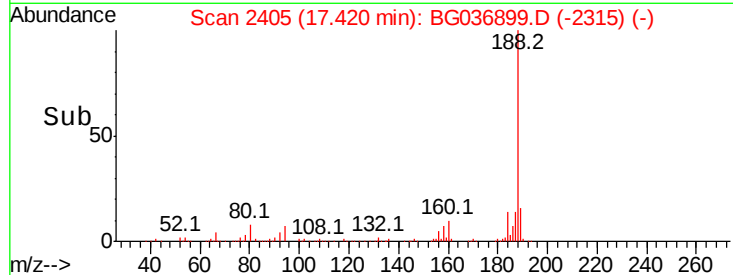
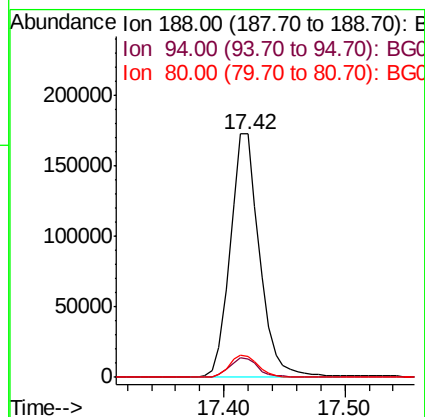
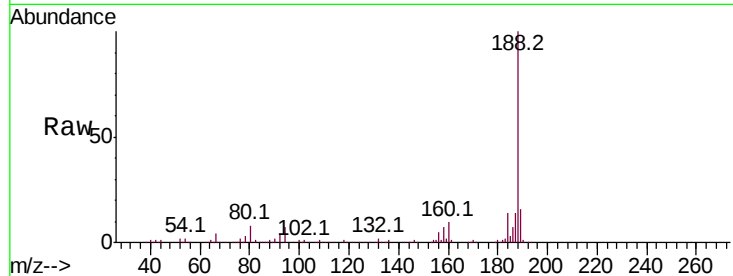




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036899.D
Acq: 22 Sep 2018 18:08

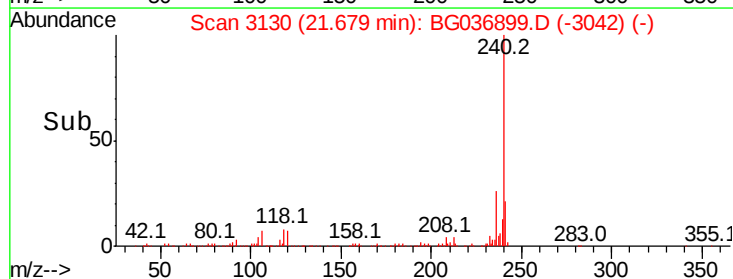
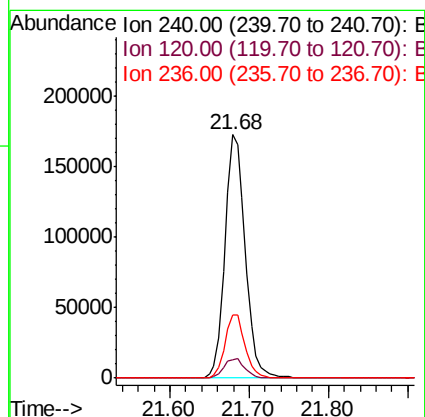
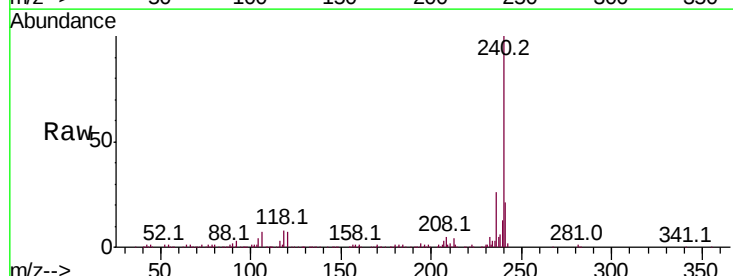
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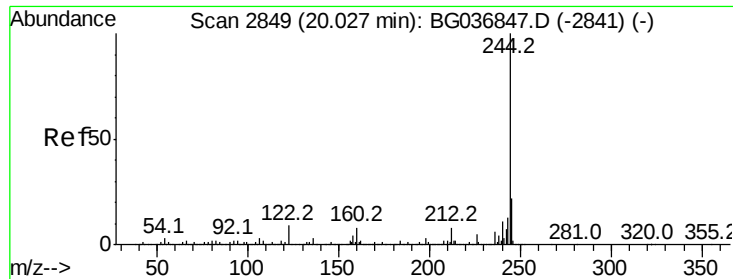
Tot Ion:188 Resp: 292947
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036899.D
Acq: 22 Sep 2018 18:08

Tgt Ion:240 Resp: 305812
Ion Ratio Lower Upper
240 100
120 7.4 6.9 10.3
236 25.9 21.2 31.8





#78

Terphenyl-d14

Concen: 111.928 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036899.D

Acq: 22 Sep 2018 18:08

Instrument :

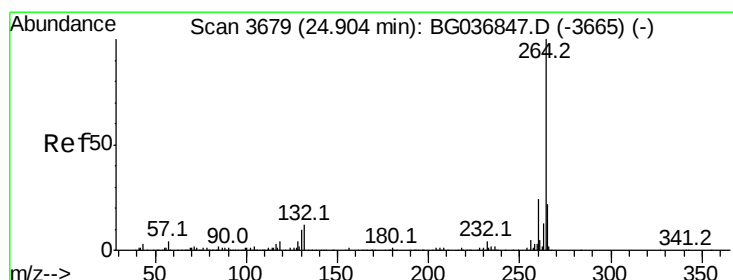
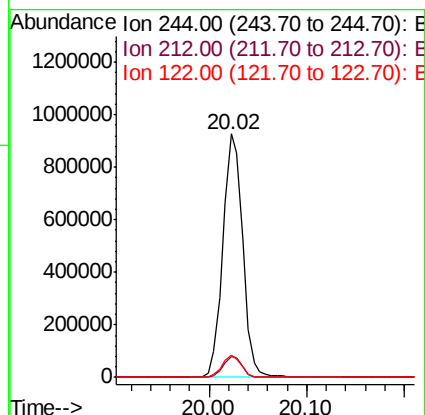
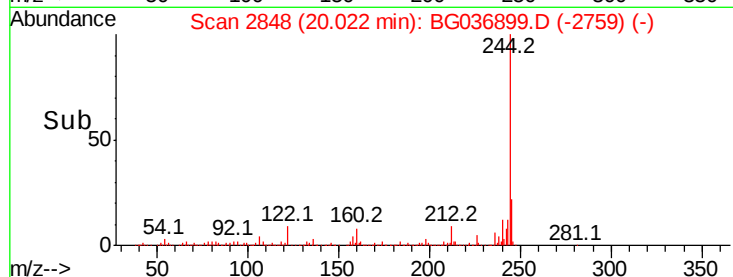
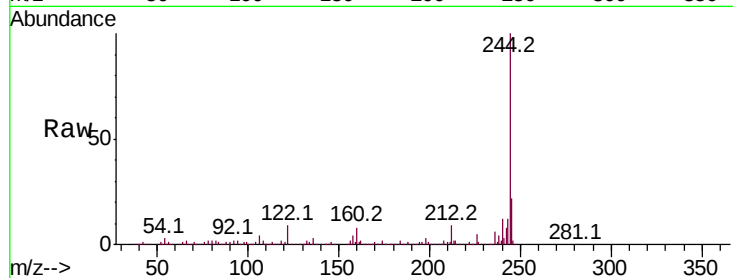
BNA_G

ClientSampleId :

091918-DBRI-E-U-B

Tot Ion:244 Resp: 1301736

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.1	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036899.D

Acq: 22 Sep 2018 18:08

Tgt Ion:264 Resp: 305546

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.9	17.4	26.0

