

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036889.D
 Acq On : 22 Sep 2018 11:37
 Operator : JU/SJ
 Sample : J4993-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 03:54:30 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

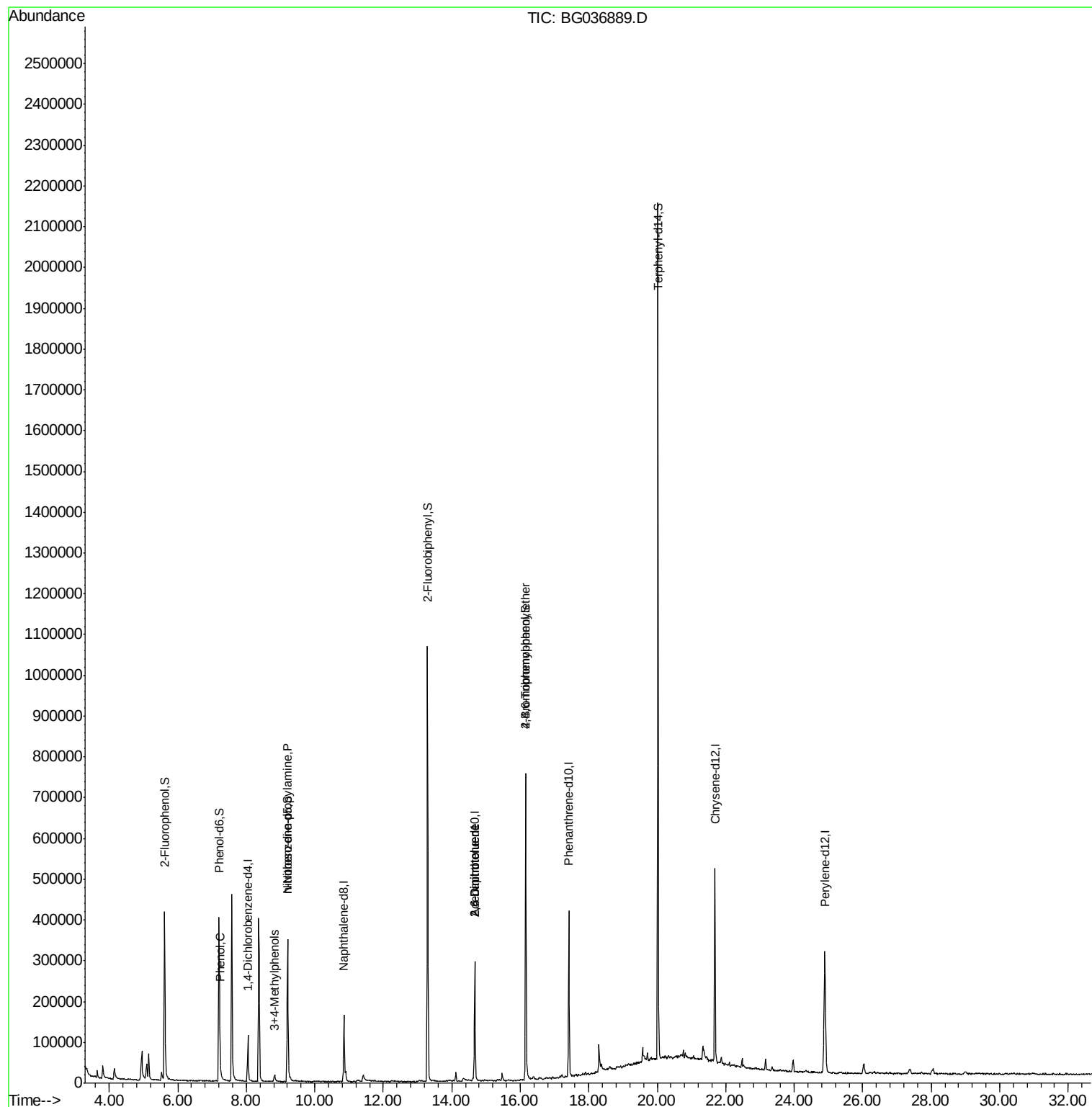
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36207	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	158327	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	109037	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	283276	20.00	ng	0.00
75) Chrysene-d12	21.69	240	302550	20.00	ng	0.00
86) Perylene-d12	24.89	264	318769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	193987	102.75	ng	0.00
7) Phenol-d6	7.20	99	267039	91.42	ng	-0.01
23) Nitrobenzene-d5	9.21	82	252436	85.38	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	149356	114.49	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	592269	80.90	ng	0.00
78) Terphenyl-d14	20.03	244	1058793	92.02	ng	0.00
Target Compounds						
10) Phenol	7.23	94	12001	3.981	ng	# 75
19) n-Nitroso-di-n-propylamine	9.21	70	34159	14.058	ng	# 75
20) 3+4-Methylphenols	8.82	107	9546	3.268	ng	# 84
50) 2,6-Dinitrotoluene	14.67	165	13817	7.215	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	13817	5.171	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	10228	3.174	ng	# 1

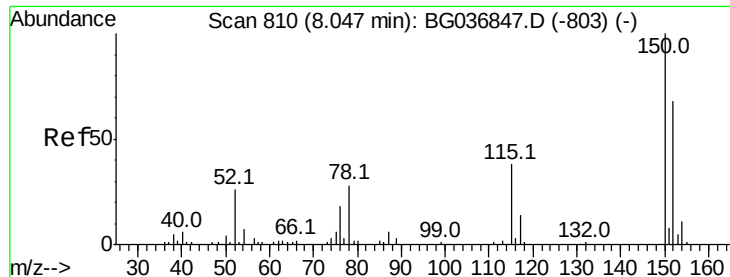
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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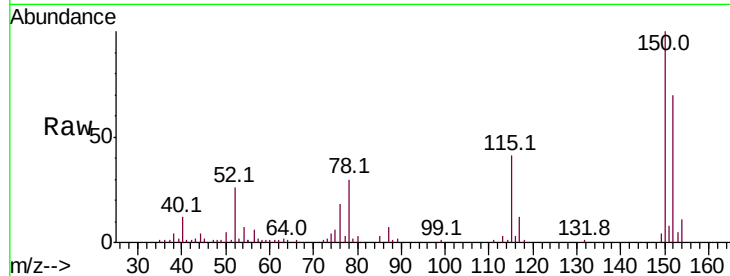


#1

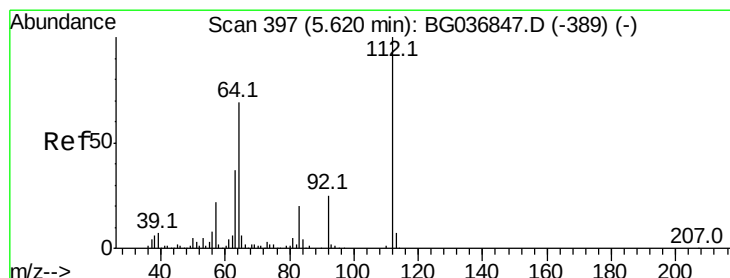
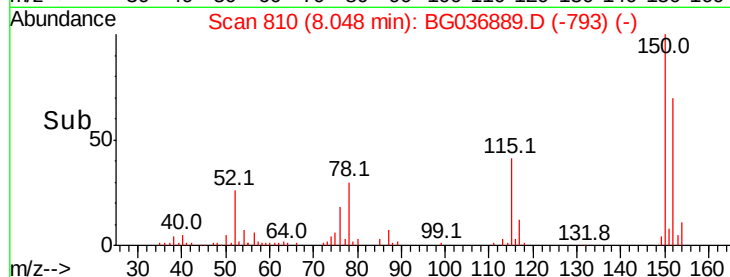
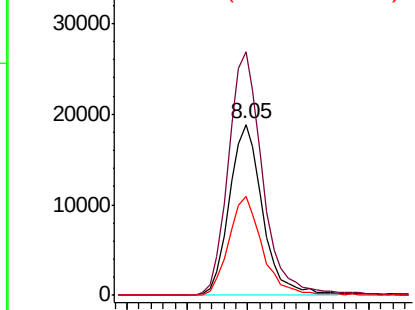
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	119.5	179.3
115	57.8	44.5	66.7



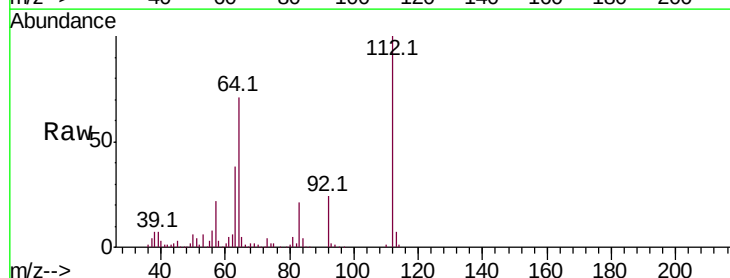
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



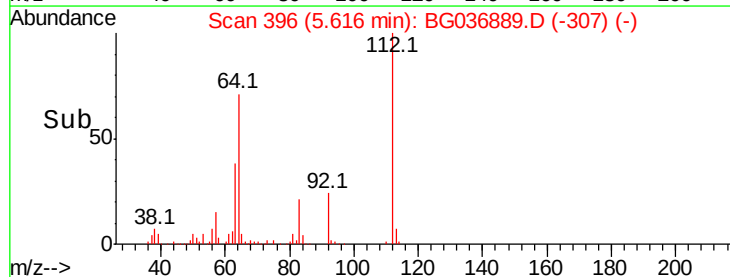
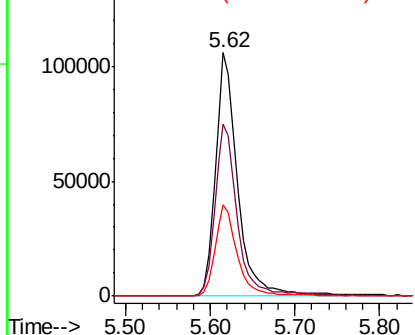
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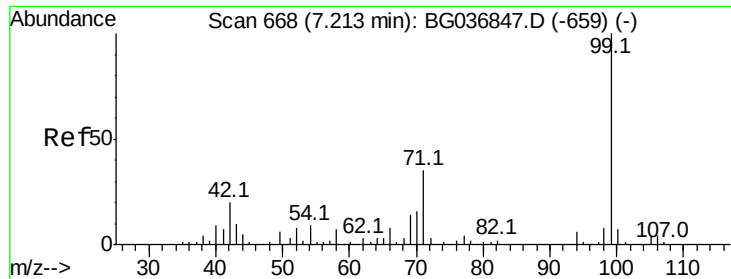
2-Fluorophenol
Concen: 102.749 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.2	85.8
63	37.7	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: 91.420 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

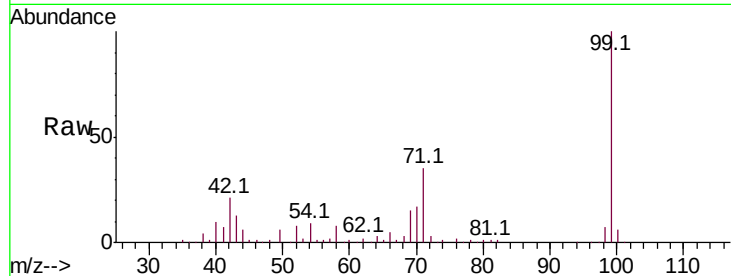
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 267039

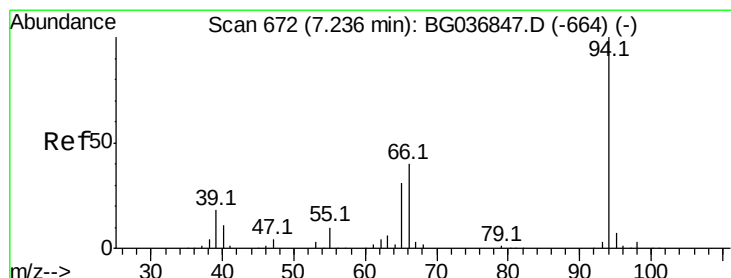
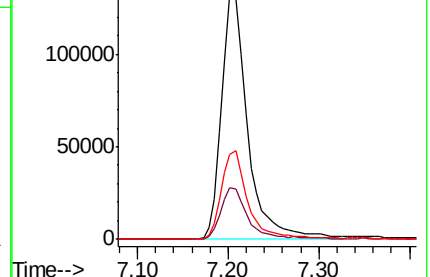
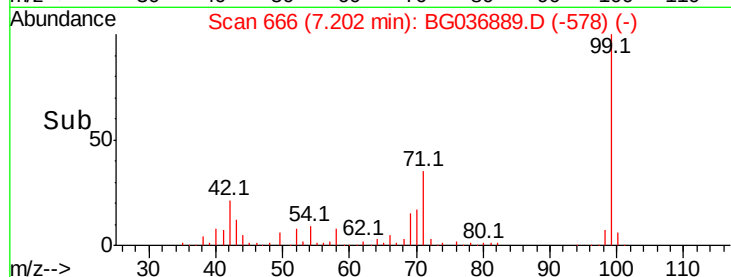
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.5	24.7
71	34.9	29.4	44.2



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



#10

Phenol

Concen: 3.981 ng

RT: 7.23 min Scan# 671

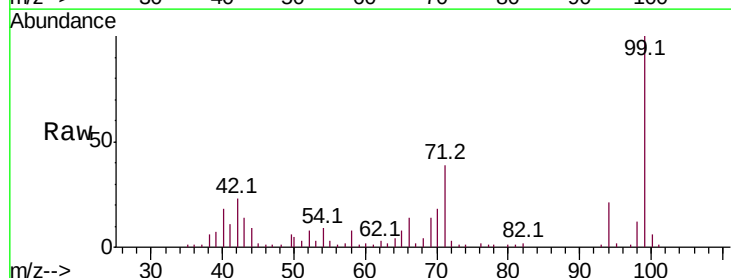
Delta R.T. -0.00 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Tgt Ion: 94 Resp: 12001

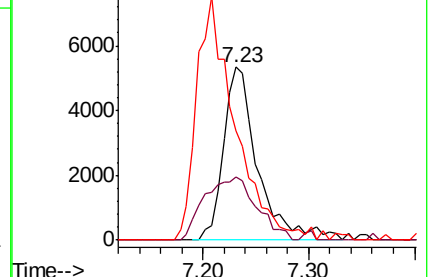
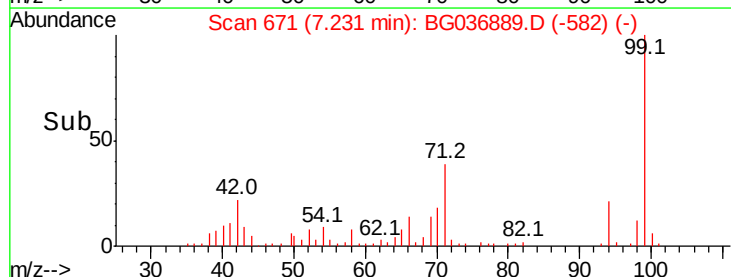
Ion	Ratio	Lower	Upper
94	100		
65	36.2	11.5	51.5
66	63.0	19.5	59.5

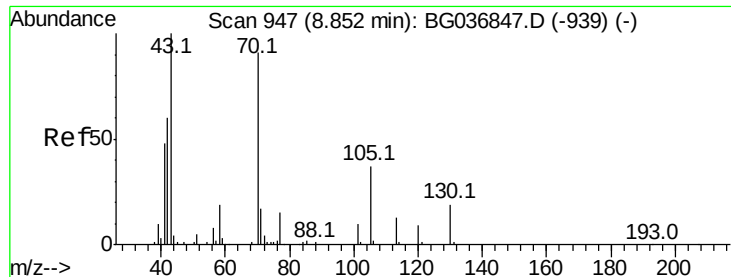


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

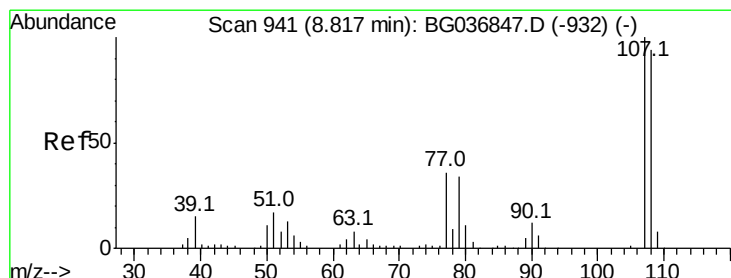
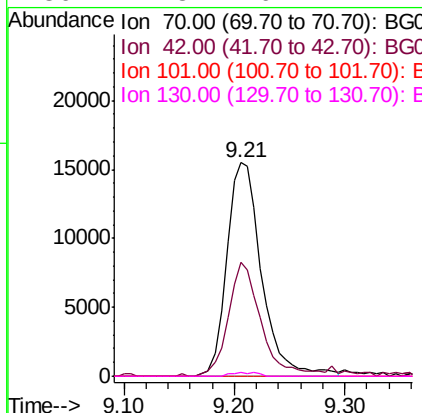
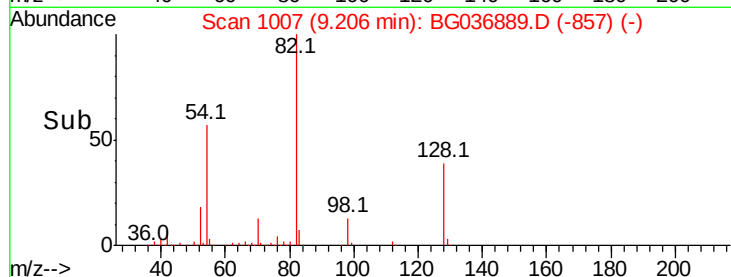
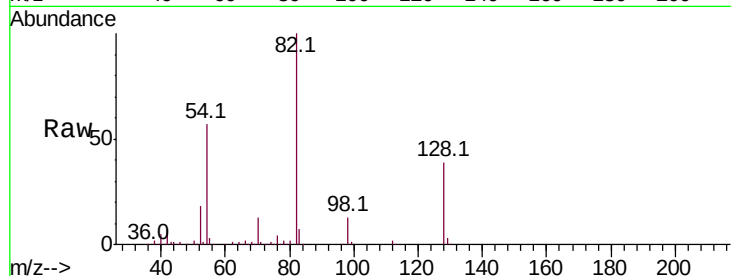




#19
n-Nitroso-di-n-propylamine
Concen: 14.058 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

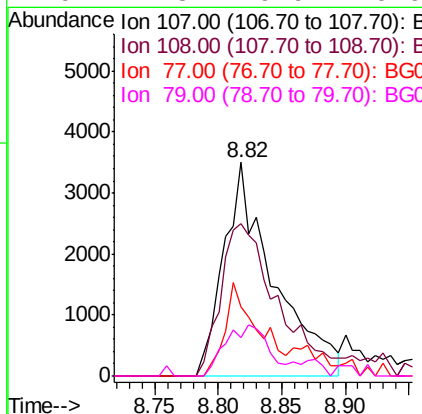
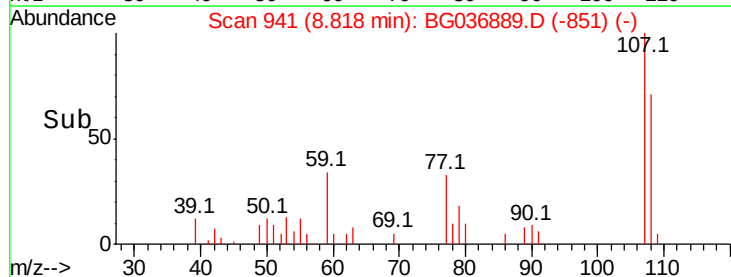
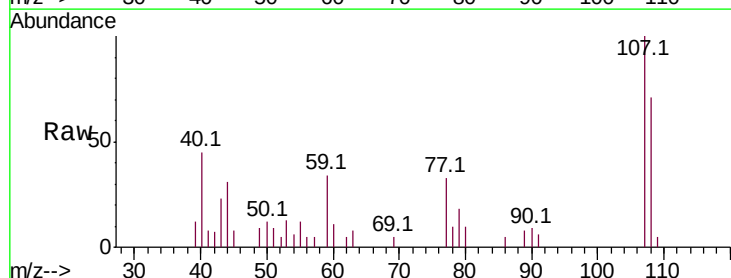
Instrument :
BNA_G
ClientSampled :

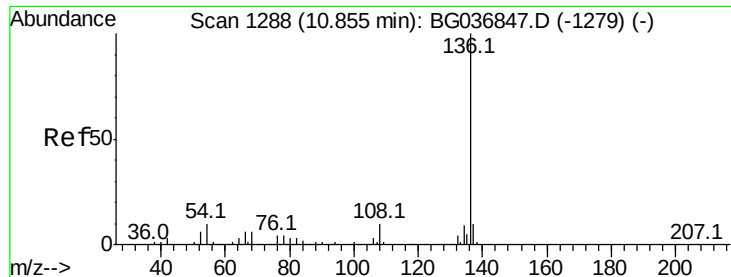
Tot Ion: 70 Resp: 34159
Ion Ratio Lower Upper
70 100
42 53.6 56.2 84.4#
101 0.0 7.8 11.6#
130 1.8 16.2 24.2#



#20
3+4-Methylphenols
Concen: 3.268 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Tgt Ion:107 Resp: 9546
Ion Ratio Lower Upper
107 100
108 71.2 68.0 108.0
77 32.6 15.6 55.6
79 17.8 9.9 49.9

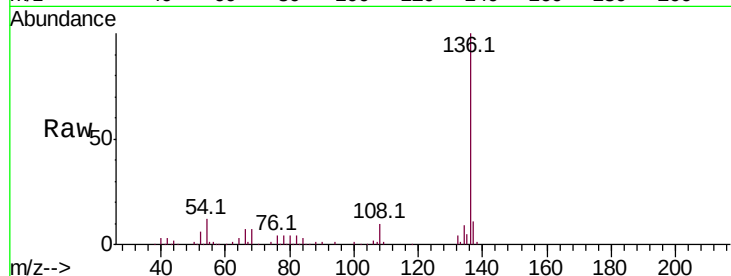




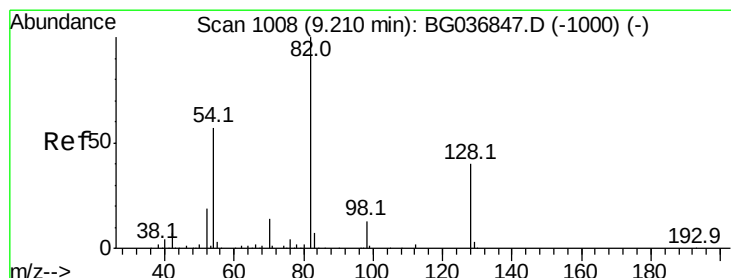
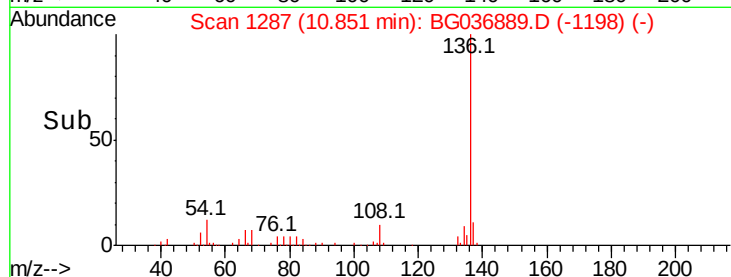
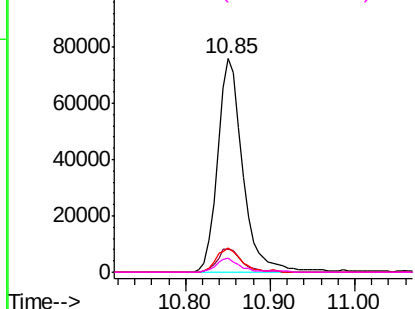
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	158327
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.5	9.2	13.8
68	6.7	5.8	8.6

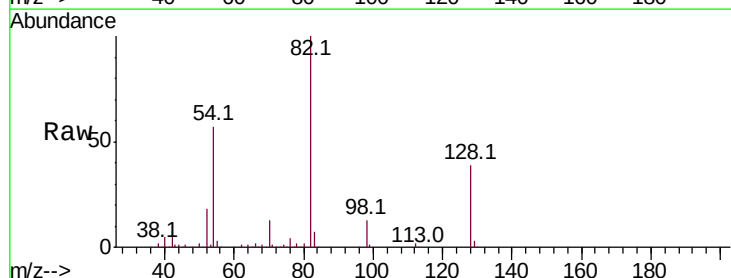


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

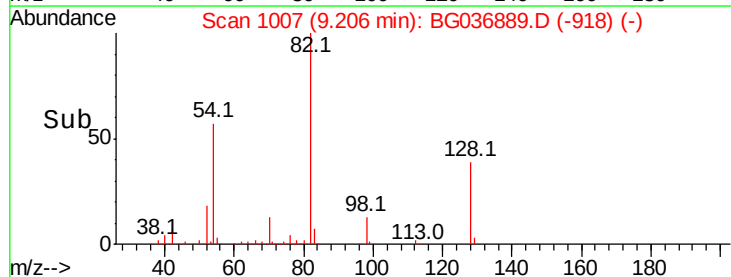
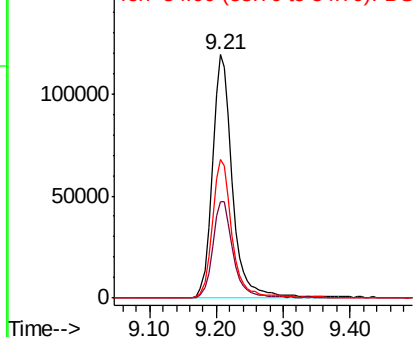


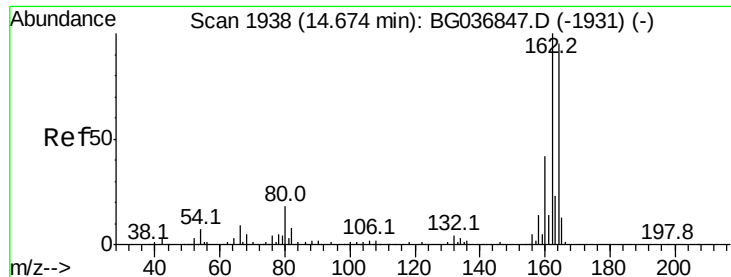
#23
Nitrobenzene-d5
Concen: 85.382 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Tgt Ion:	82	Resp:	252436
Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.3	49.9
54	56.7	45.1	67.7



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

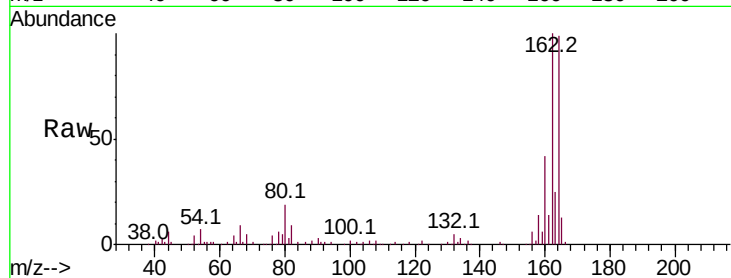




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	42.5	35.3	52.9

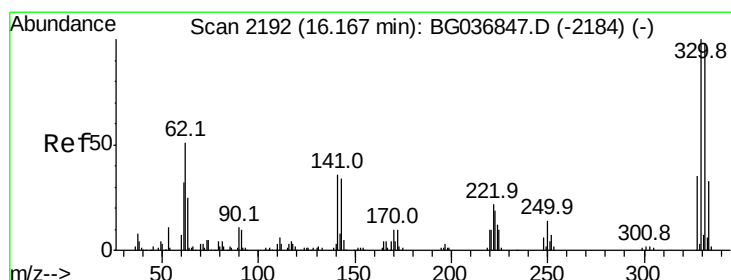
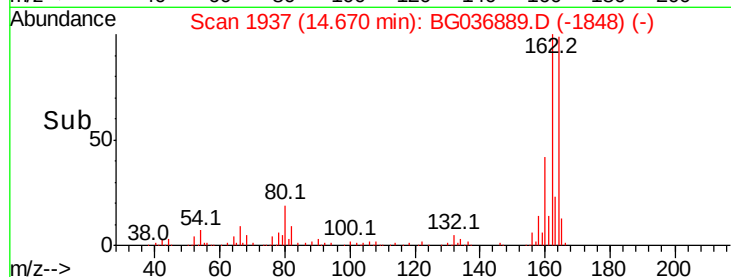
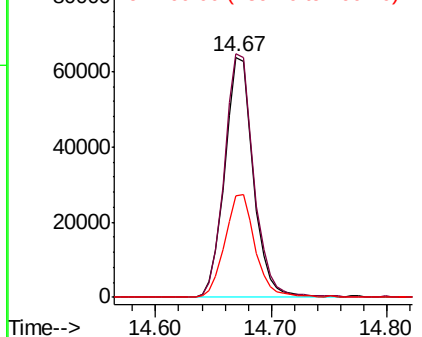


Abundance

Ion 164.00 (163.70 to 164.70): E

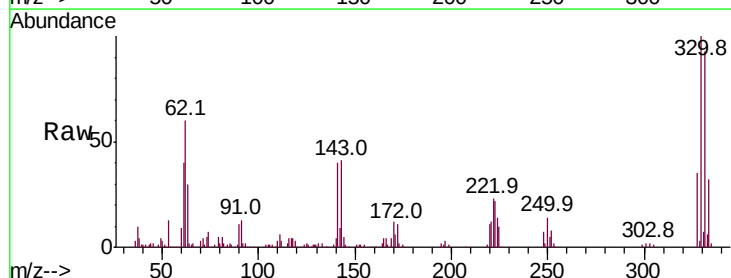
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 114.488 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.2
141	38.4	30.7	46.1

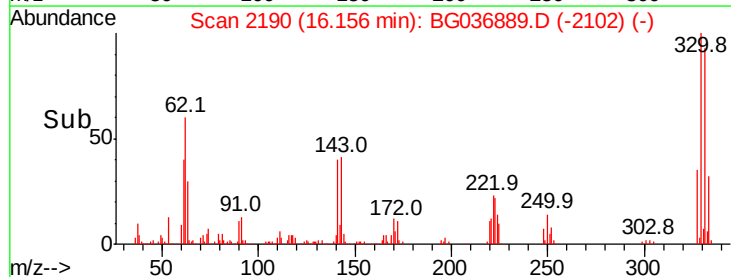
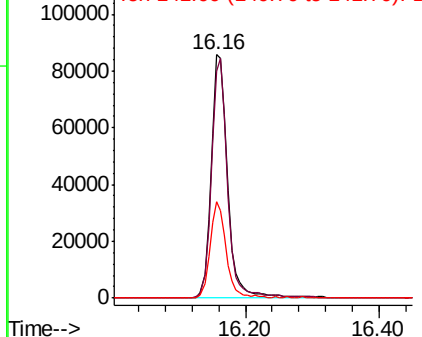


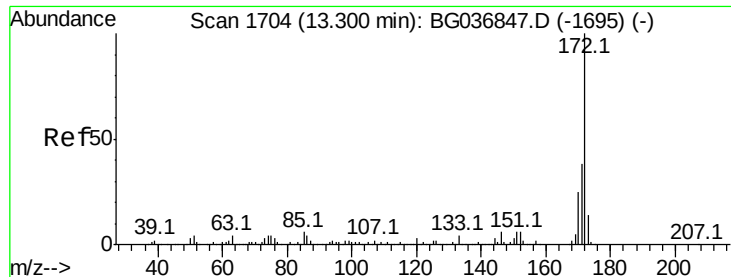
Abundance

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



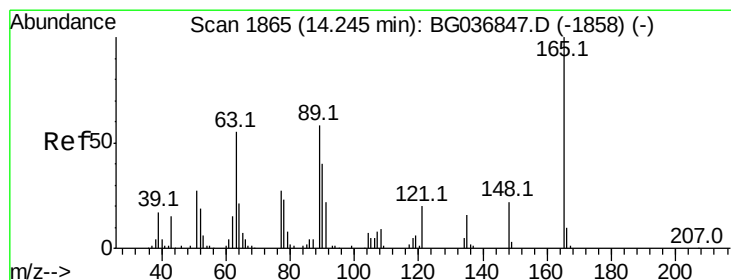
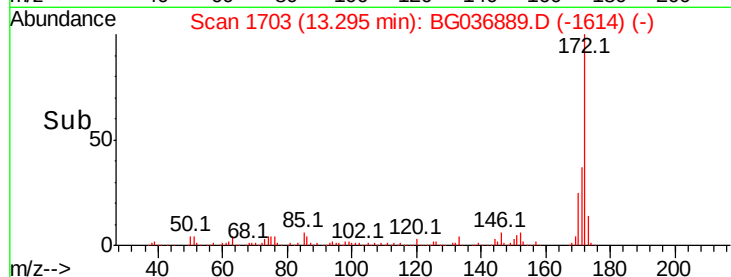
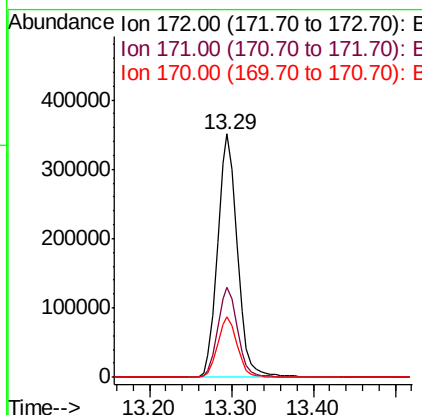
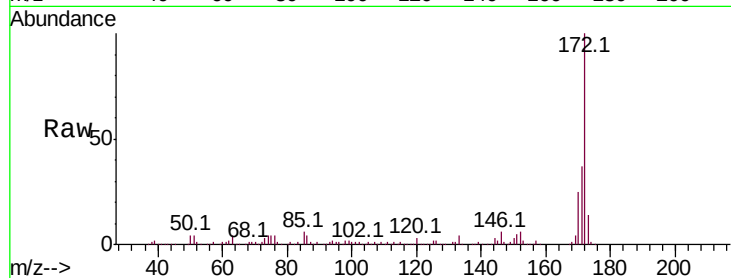


#44
 2-Fluorobiphenyl
 Concen: 80.901 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 592269

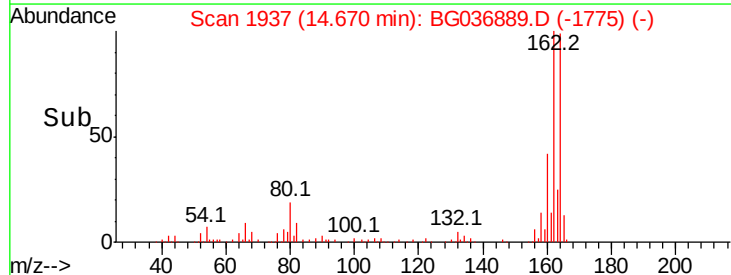
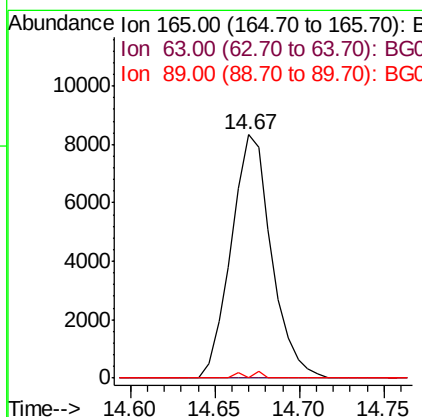
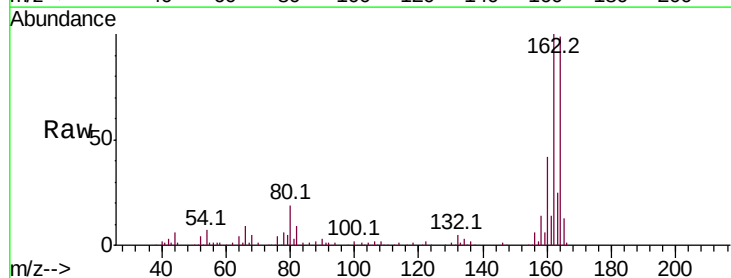
Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.3	46.9
170	24.6	21.0	31.6

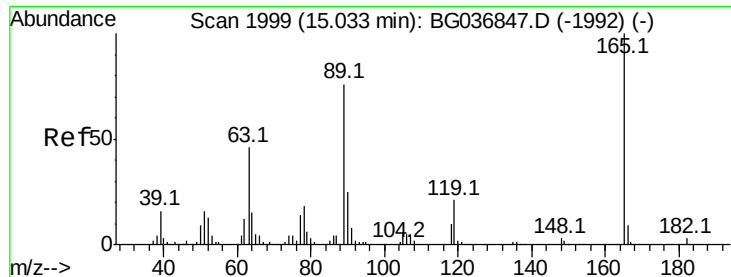


#50
 2,6-Dinitrotoluene
 Concen: 7.215 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Tgt Ion:165 Resp: 13817

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#

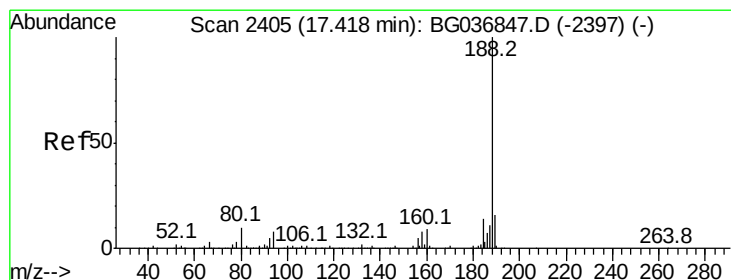
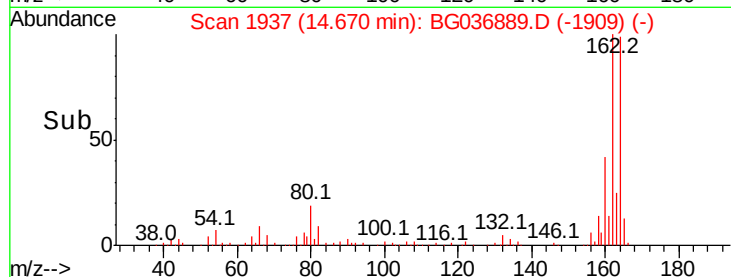
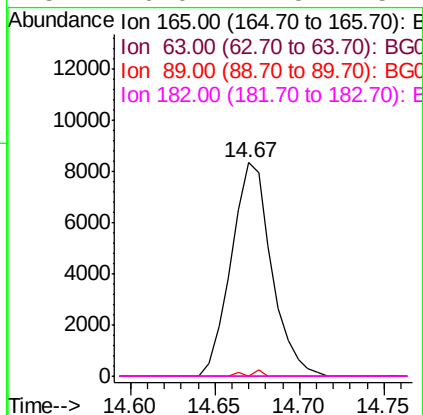
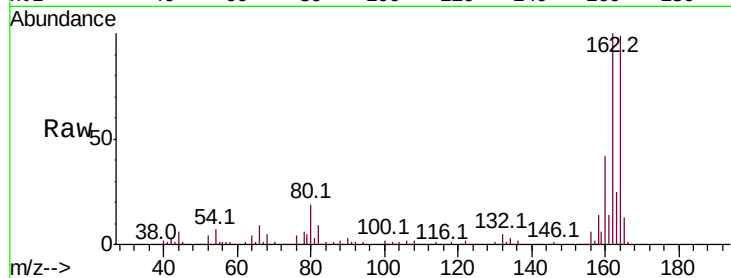




#56
 2,4-Dinitrotoluene
 Concen: 5.171 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

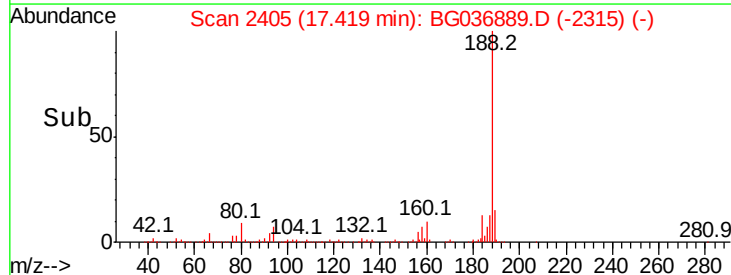
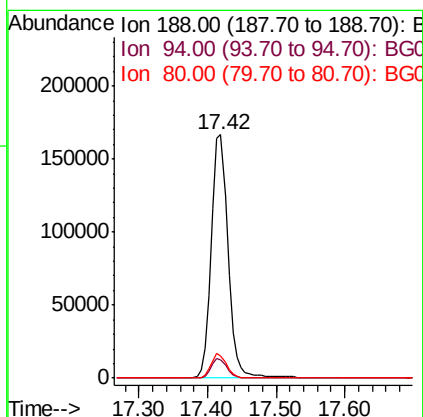
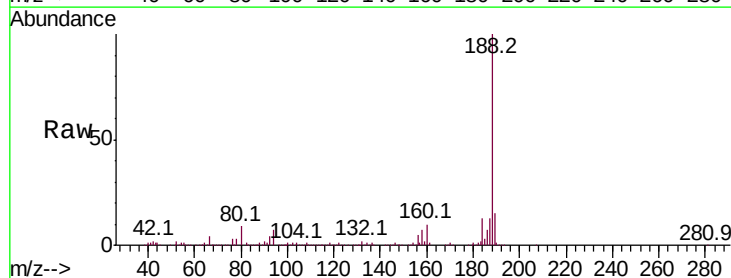
Instrument :
 BNA_G
 ClientSampleId :

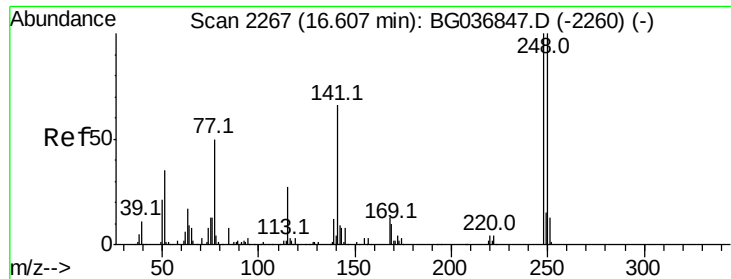
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.9	8.1	12.1

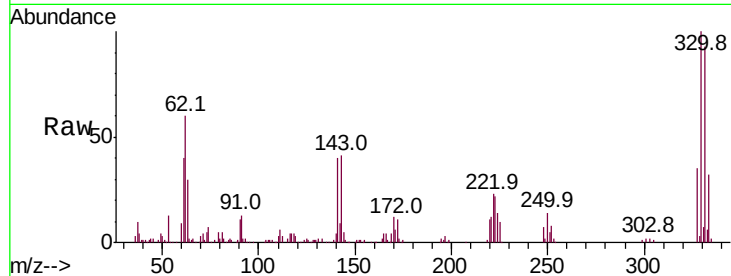




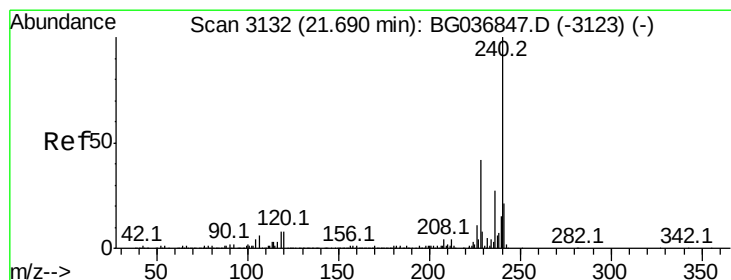
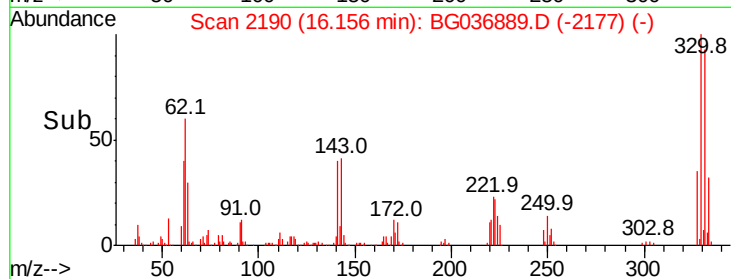
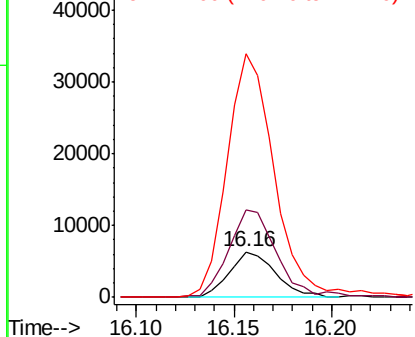
#66
 4-Bromophenyl-phenylether
 Concen: 3.174 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10228
 Ion Ratio Lower Upper
 248 100
 250 193.1 78.1 117.1#
 141 535.6 53.7 80.5#

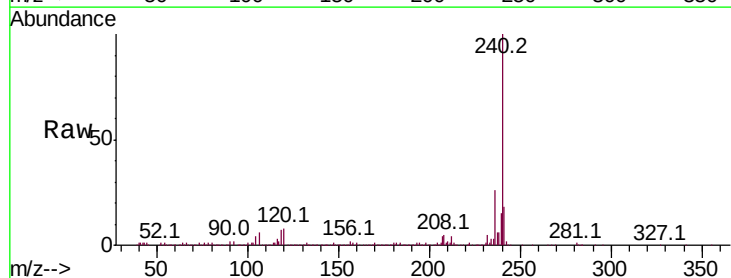


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

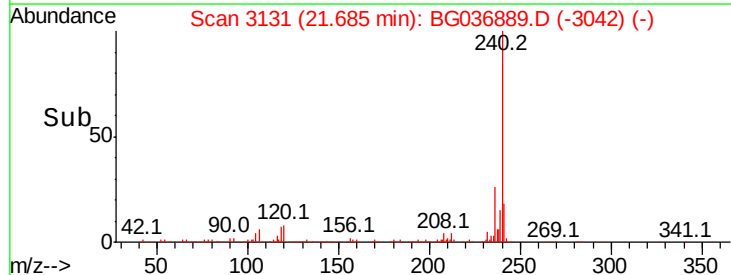
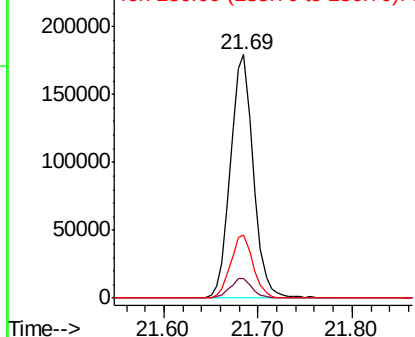


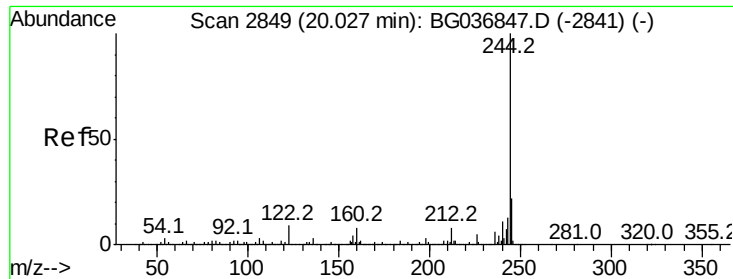
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Tgt Ion:240 Resp: 302550
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 25.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



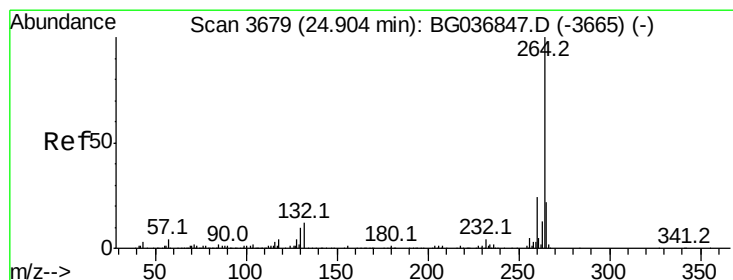
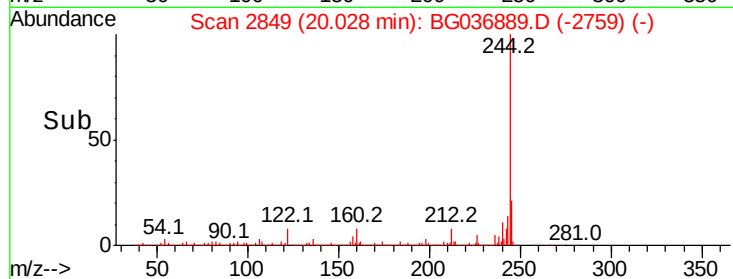
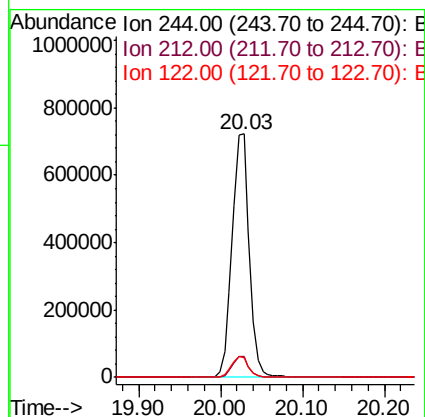
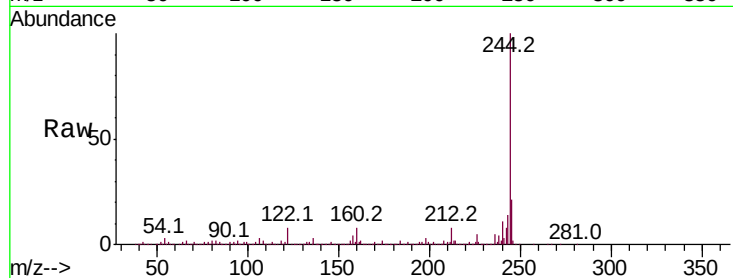


#78
 Terphenyl-d14
 Concen: 92.021 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1058793

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.3	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: BG036889.D
 Acq: 22 Sep 2018 11:37

Tgt Ion:264 Resp: 318769

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	21.1	17.4	26.0

