

Data File : BG036618.D
Acq On : 8 Sep 2018 5:23
Operator : JU/SJ
Sample : J4775-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Quant Time: Sep 08 06:45:32 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	8.06	152	52542	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	225867	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	157010	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	398555	20.00	ng	0.00
75) Chrysene-d12	21.69	240	417857	20.00	ng	0.00
86) Perylene-d12	24.90	264	368239	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	350001	105.67	ng	0.00
7) Phenol-d6	7.21	99	454400	95.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	358553	86.13	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	198621	106.02	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	832637	75.72	ng	0.00
78) Terphenyl-d14	20.03	244	1471142	82.29	ng	0.00

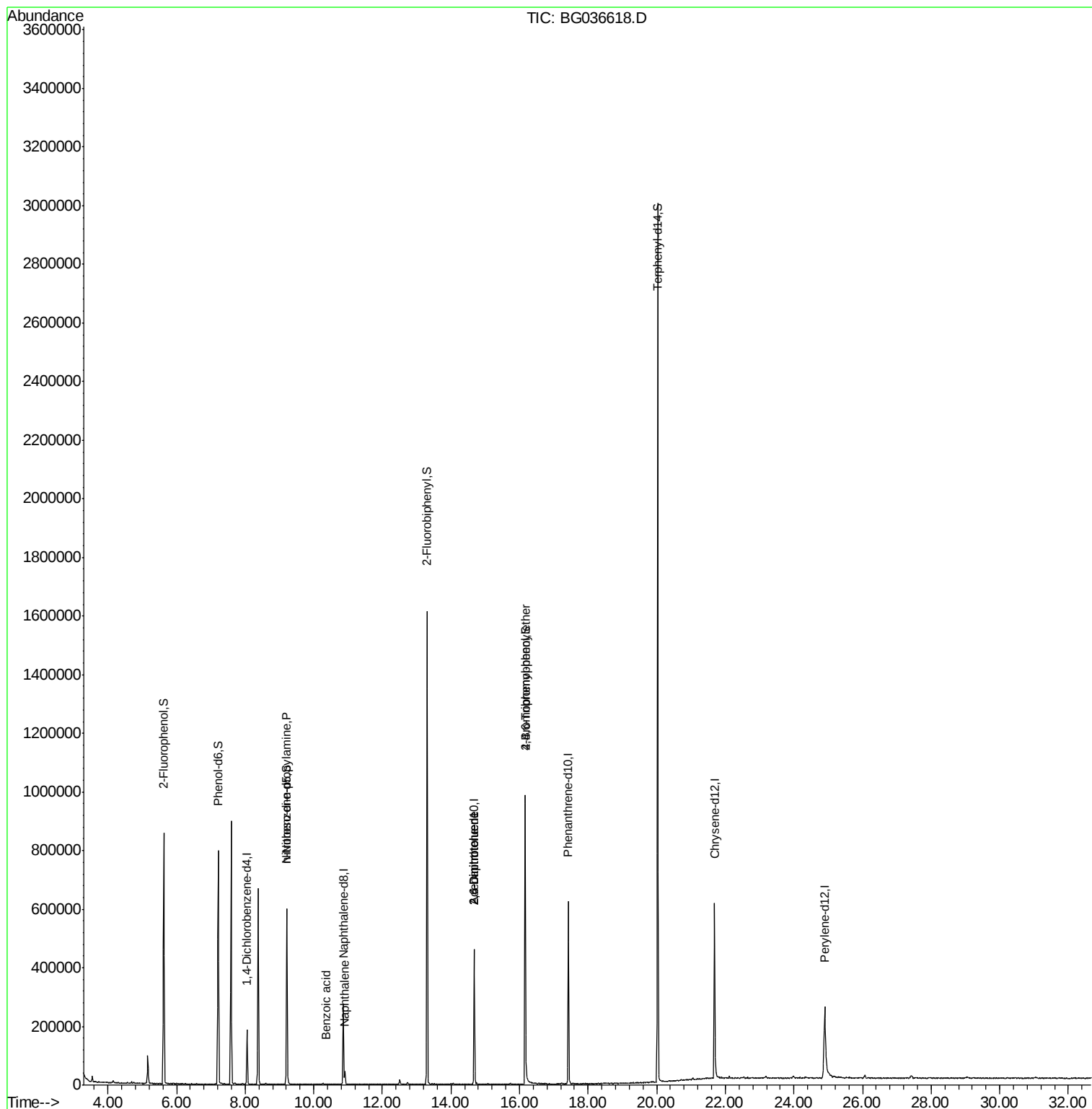
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.22	70	46606	13.150	ng	# 73
31) Naphthalene	10.91	128	36855	3.264	ng	# 96
32) Benzoic acid	10.34	122	111	4.520	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	20086	7.614	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	20086	5.842	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13325	2.856	ng	# 1

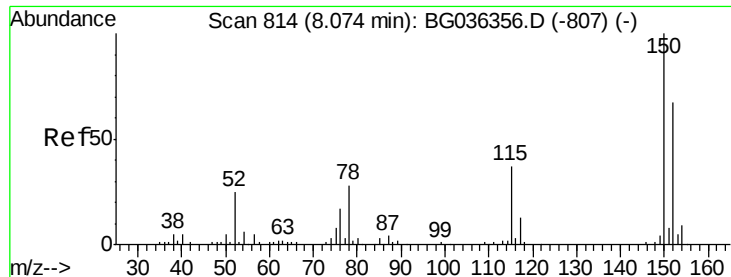
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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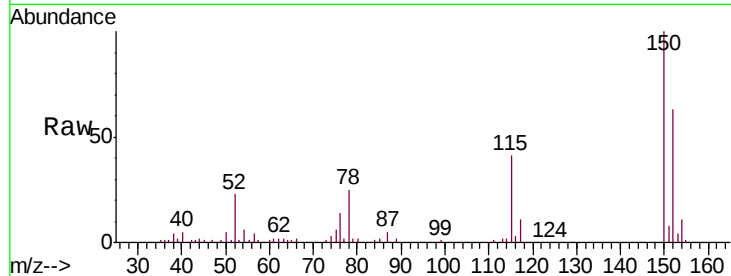


#1

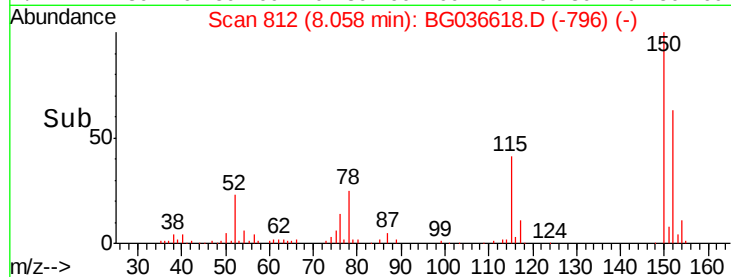
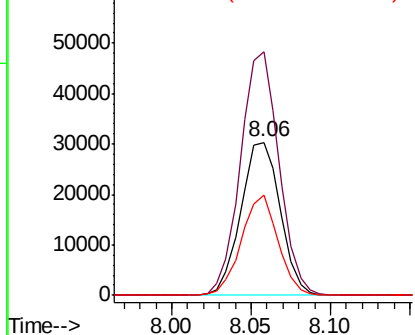
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-A

Tgt Ion:152 Resp: 52542
 Ion Ratio Lower Upper
 152 100
 150 159.2 119.5 179.3
 115 65.2 44.5 66.7



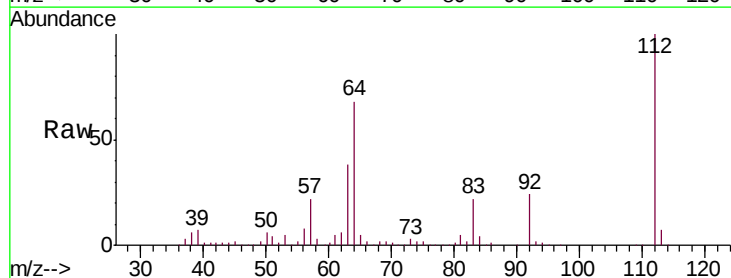
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



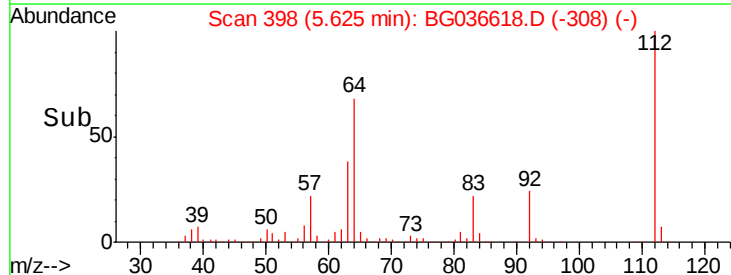
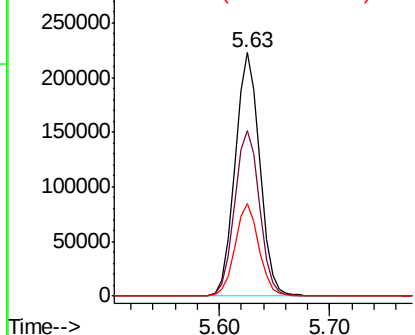
#5

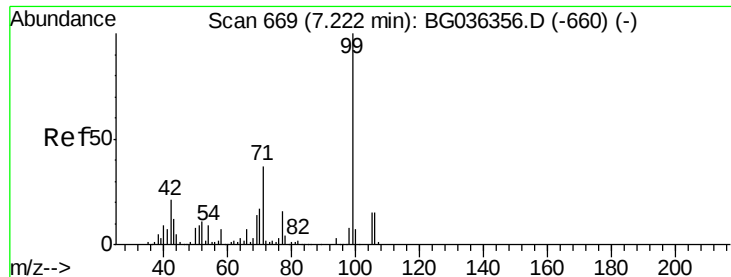
2-Fluorophenol
 Concen: 105.669 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

Tgt Ion:112 Resp: 350001
 Ion Ratio Lower Upper
 112 100
 64 68.1 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: 95.818 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

Instrument :

BNA_F

ClientSampleId :

OR-02-090618-A

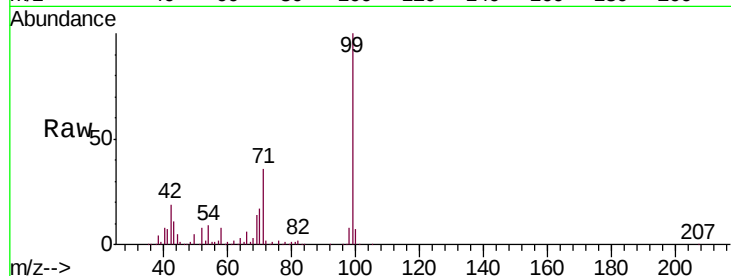
Tgt Ion: 99 Resp: 454400

Ion Ratio Lower Upper

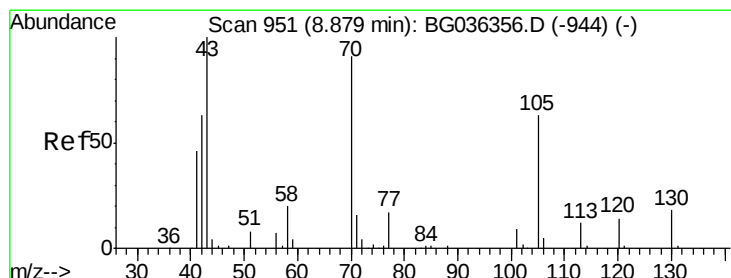
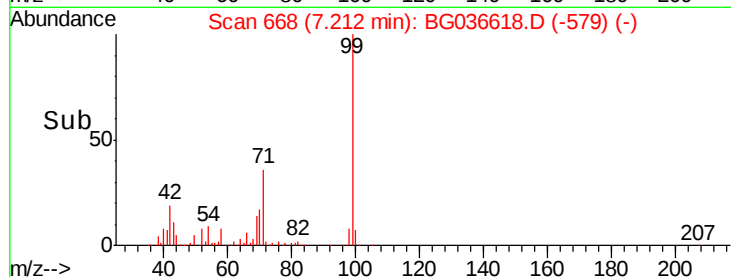
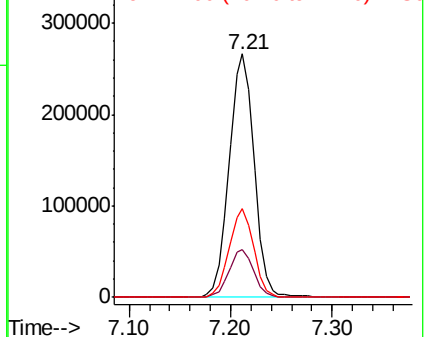
99 100

42 19.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.150 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

Tgt Ion: 70 Resp: 46606

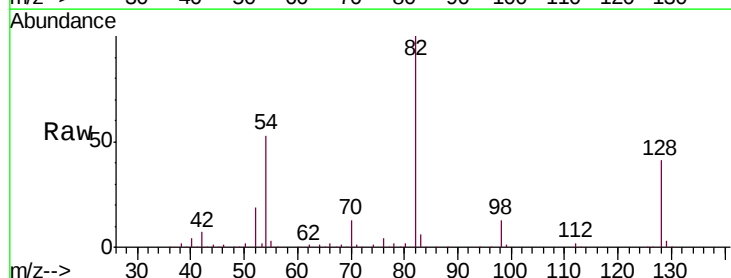
Ion Ratio Lower Upper

70 100

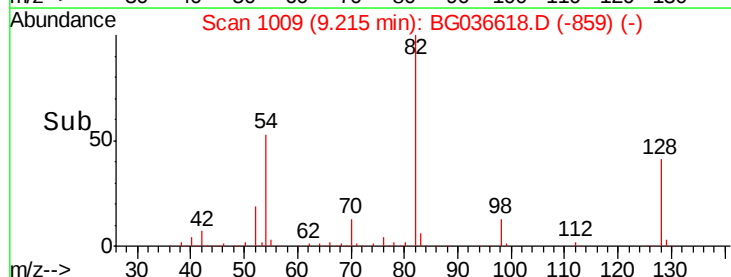
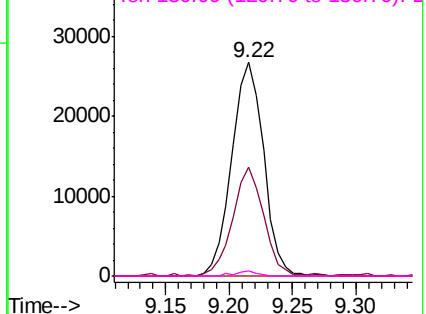
42 51.0 56.2 84.4#

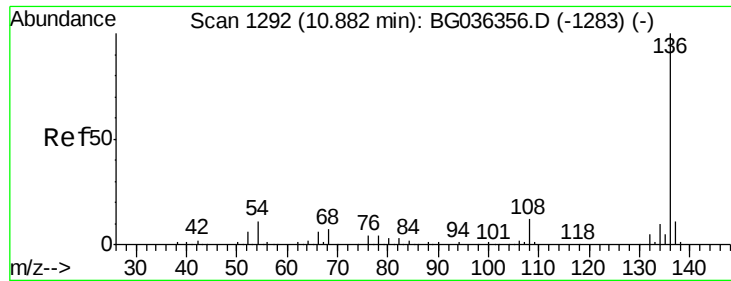
101 0.0 7.8 11.6#

130 2.6 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

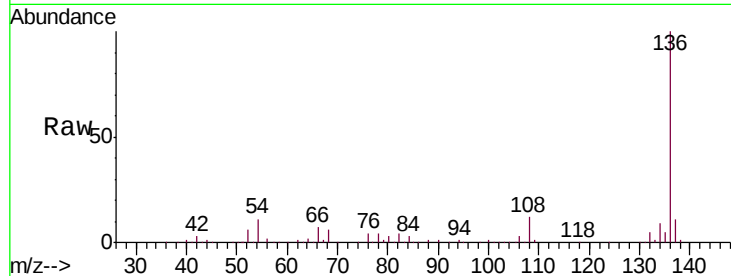




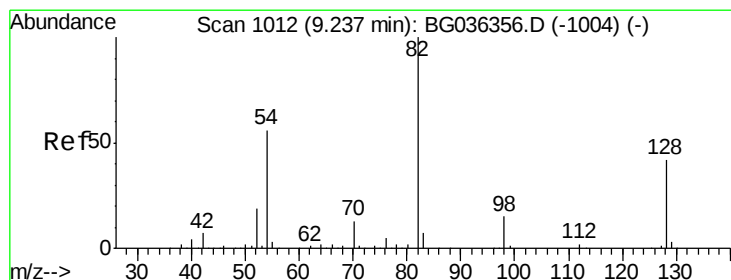
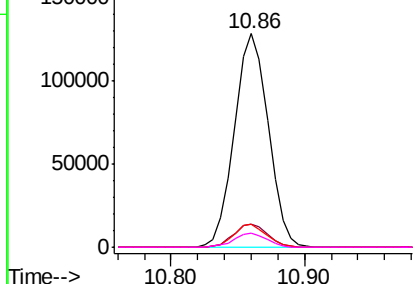
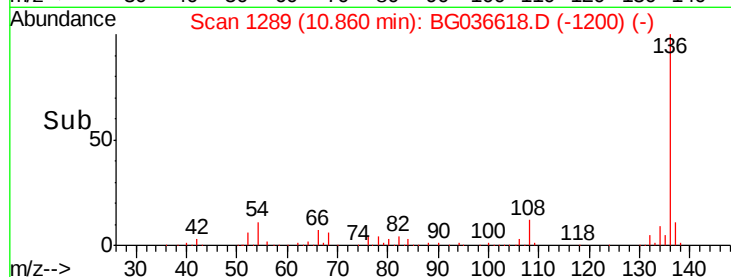
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:	136	Resp:	225867
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.0	9.2	13.8
68	6.3	5.8	8.6

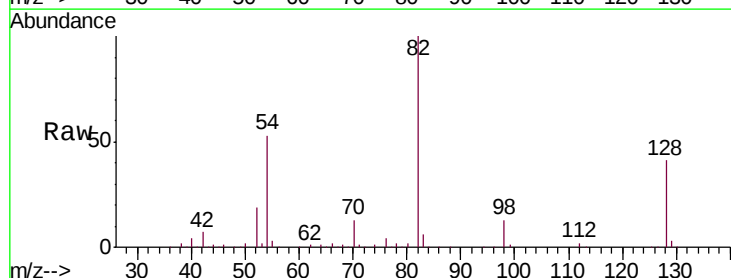


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

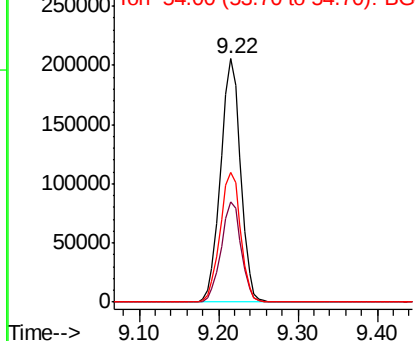
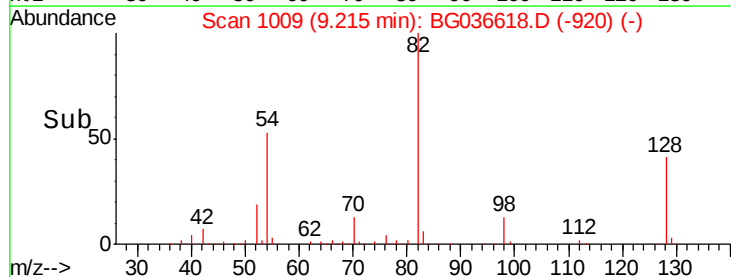


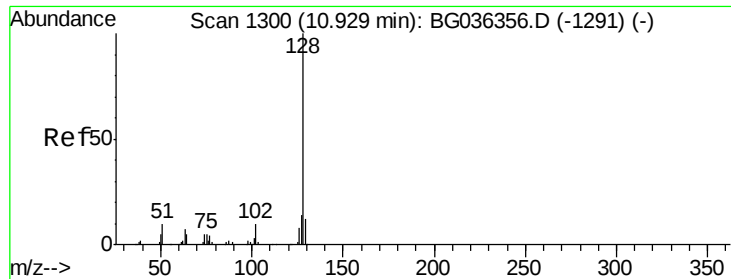
#23
Nitrobenzene-d5
Concen: 86.130 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:	82	Resp:	358553
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	53.4	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

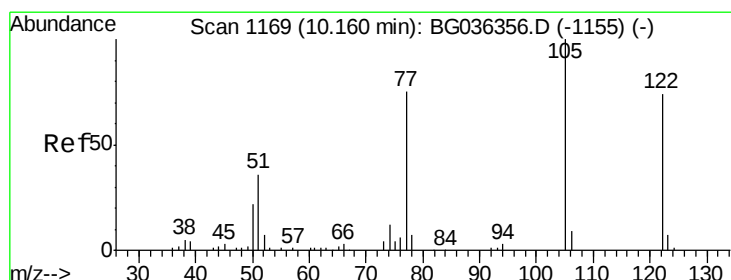
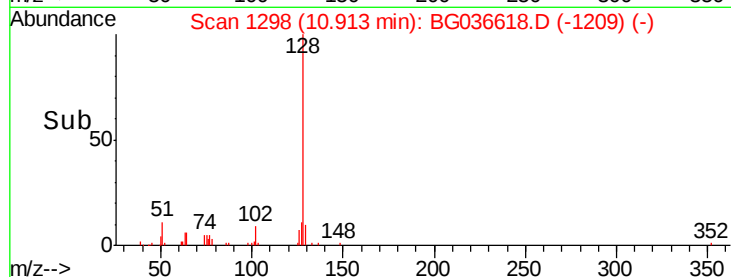
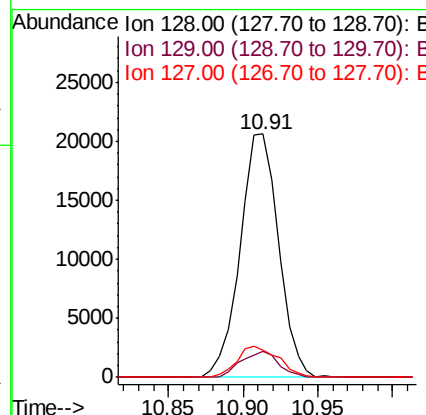
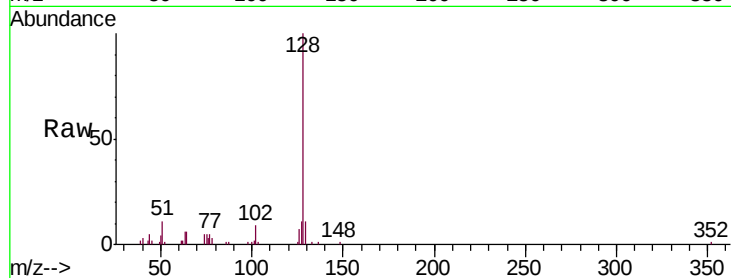




#31
Naphthalene
Concen: 3.264 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

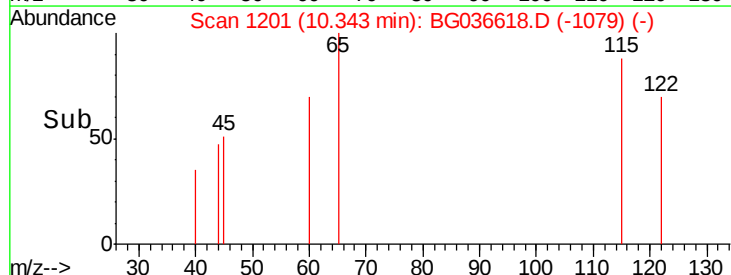
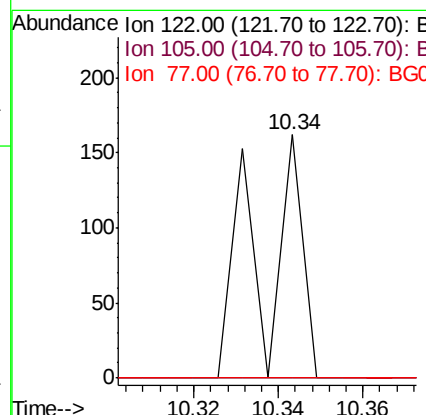
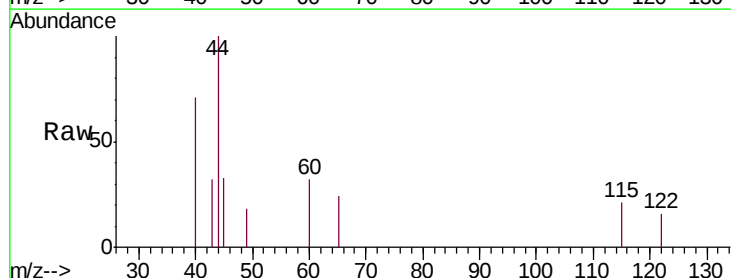
Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

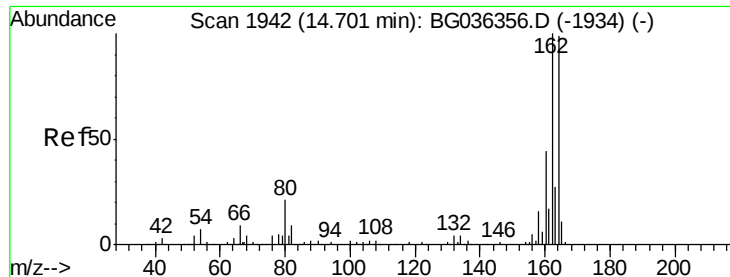
Tgt Ion:128 Resp: 36855
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 11.5 11.0 16.4



#32
Benzoic acid
Concen: 4.520 ng
RT: 10.34 min Scan# 1201
Delta R.T. 0.19 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

Instrument :

BNA_F

ClientSampleId :

OR-02-090618-A

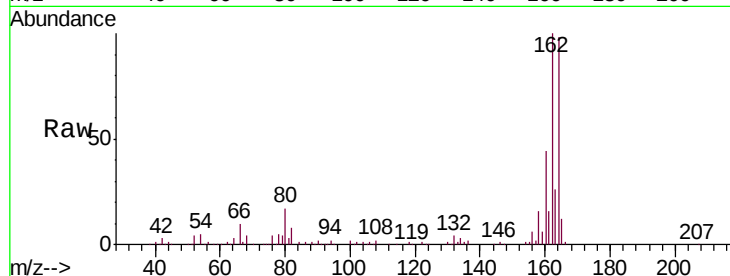
Tgt Ion:164 Resp: 157010

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

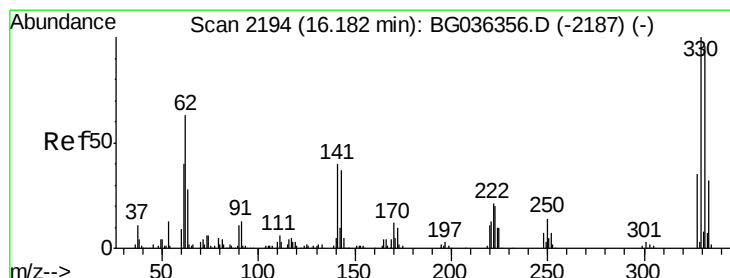
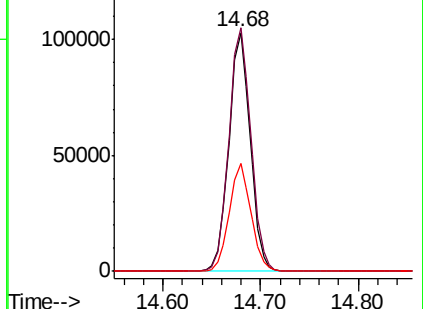
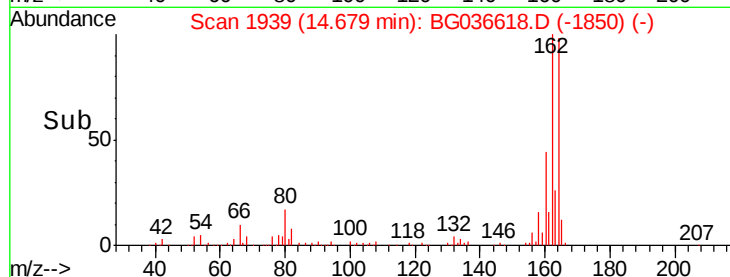
160 45.0 35.3 52.9



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: 106.017 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

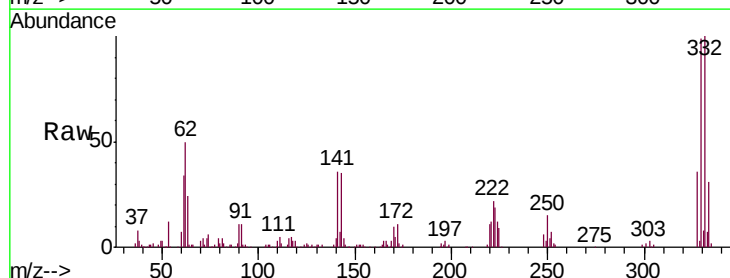
Tgt Ion:330 Resp: 198621

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.2

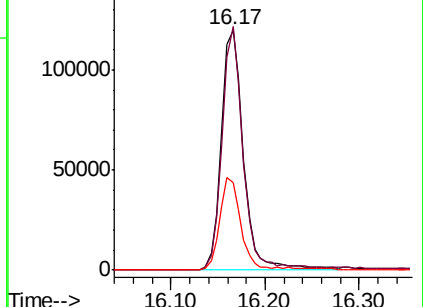
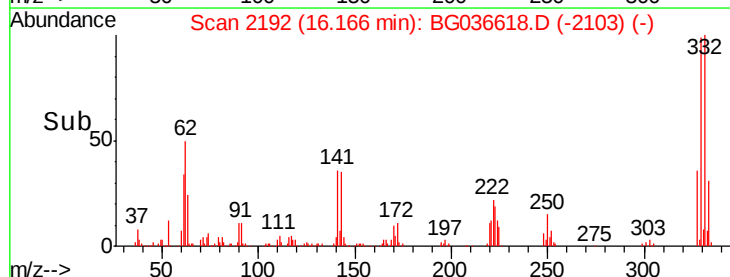
141 35.9 30.7 46.1

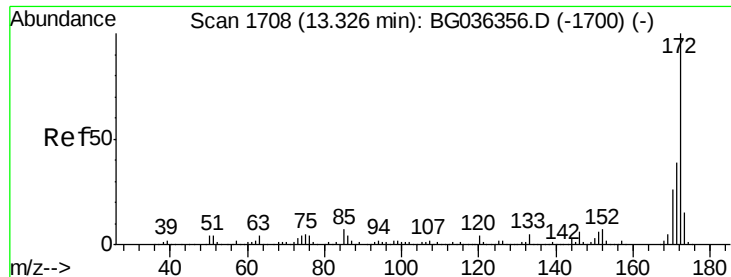


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

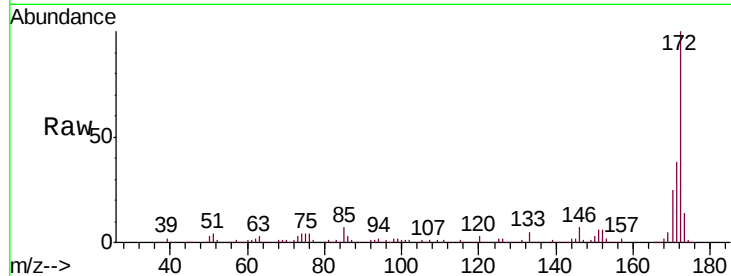




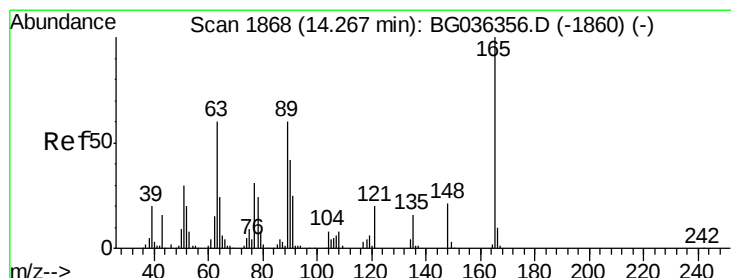
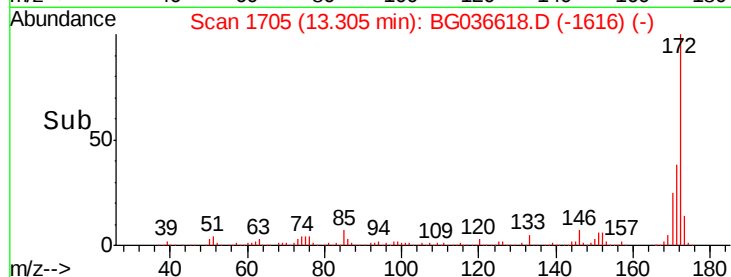
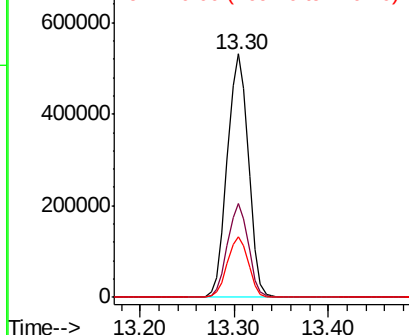
#44
 2-Fluorobiphenyl
 Concen: 75.718 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

Instrument :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	24.7	21.0	31.6

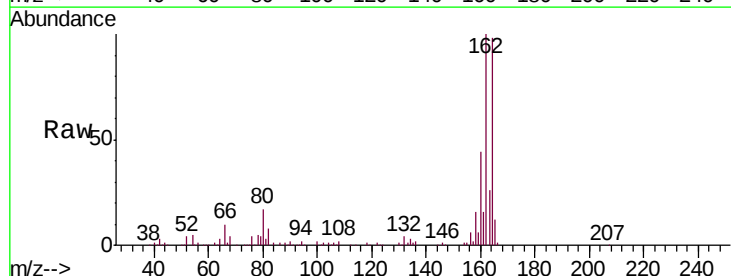


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

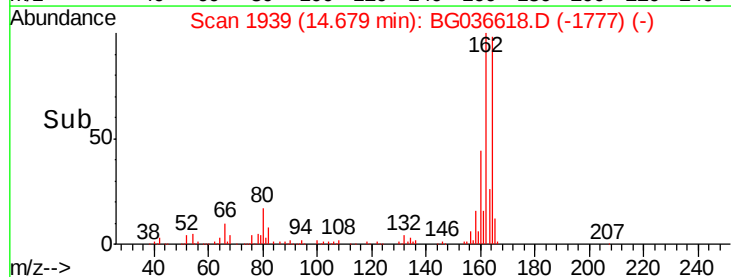
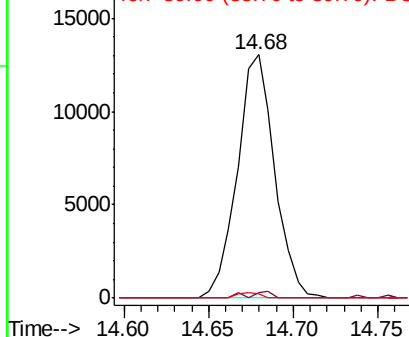


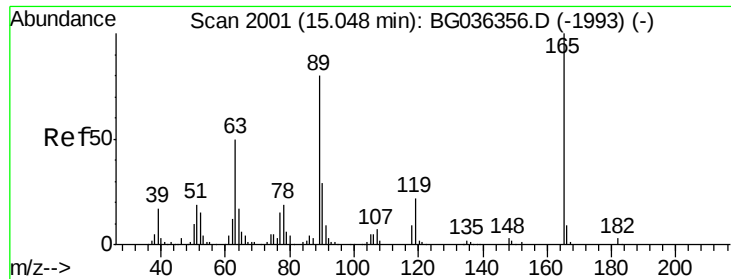
#50
 2,6-Dinitrotoluene
 Concen: 7.614 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	50.1	75.1#
89	1.5	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

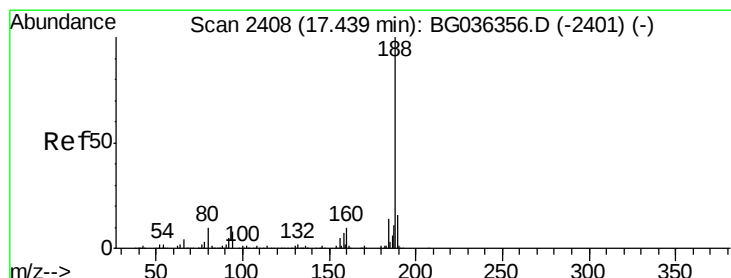
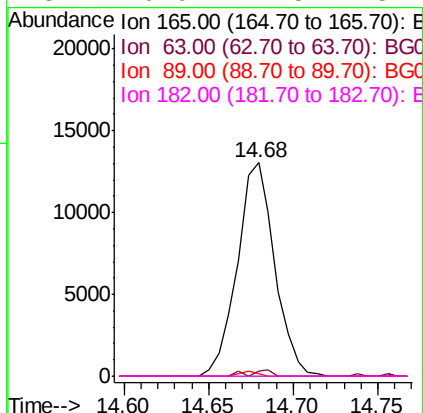
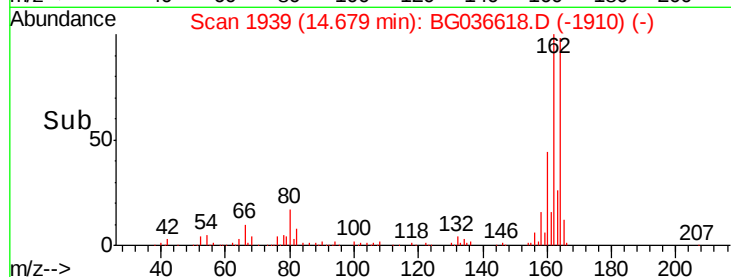
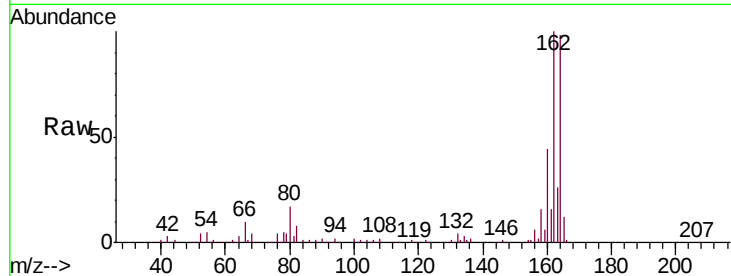




#56
 2,4-Dinitrotoluene
 Concen: 5.842 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

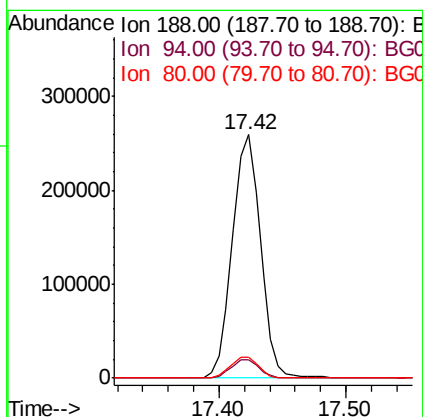
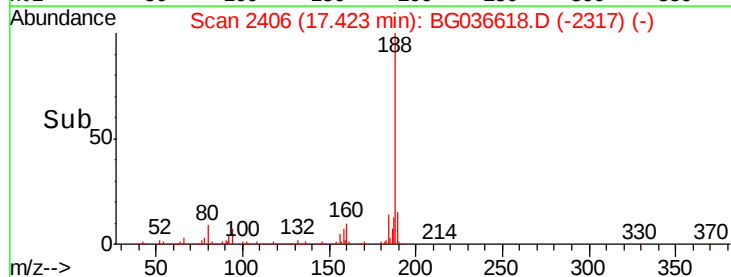
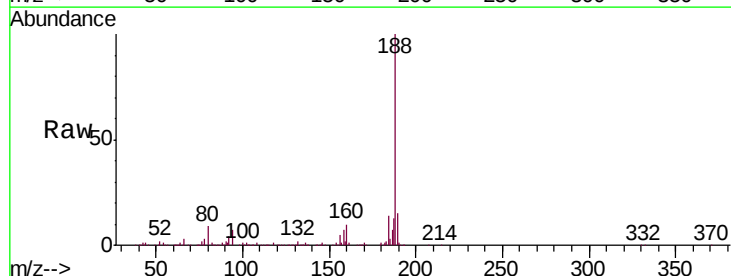
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 OR-02-090618-A

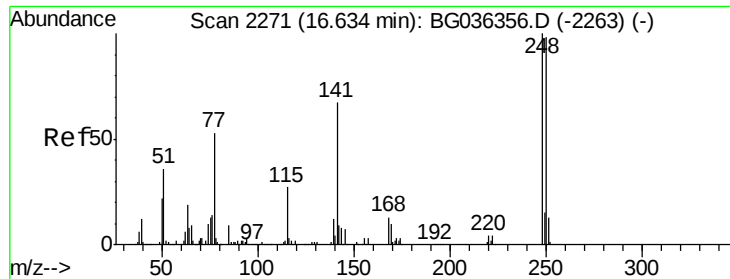
Tgt Ion:	165	Resp:	20086
Ion Ratio	Lower	Upper	
165	100		
63	2.5	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

Tgt Ion:	188	Resp:	398555
Ion Ratio	Lower	Upper	
188	100		
94	7.4	6.7	10.1
80	8.6	8.1	12.1

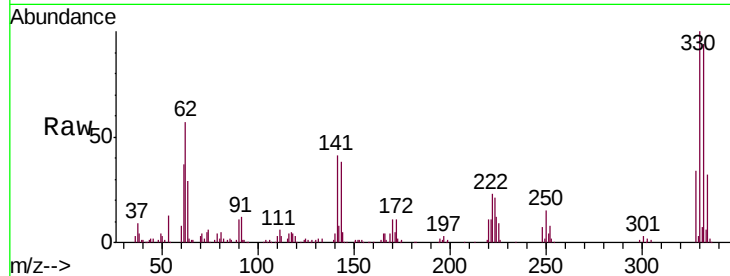




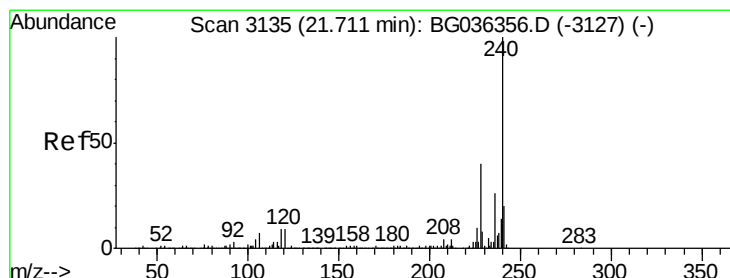
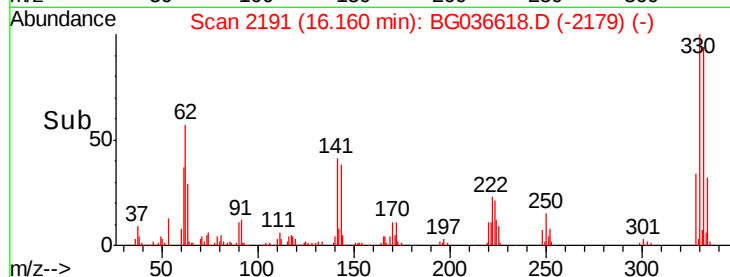
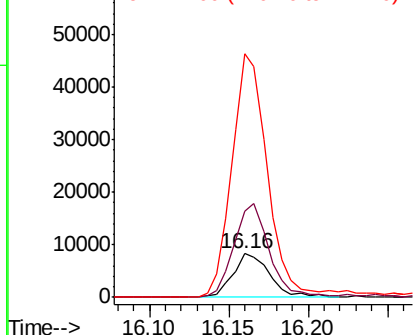
#66
4-Bromophenyl-phenylether
Concen: 2.856 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:248 Resp: 13325
Ion Ratio Lower Upper
248 100
250 199.2 78.1 117.1#
141 558.9 53.7 80.5#

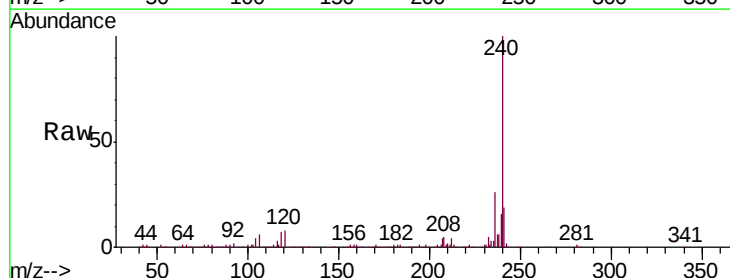


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

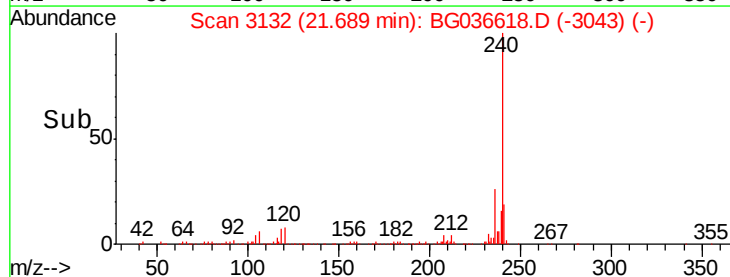
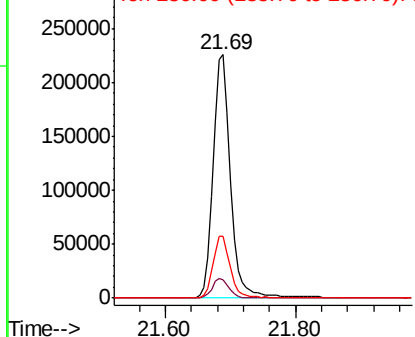


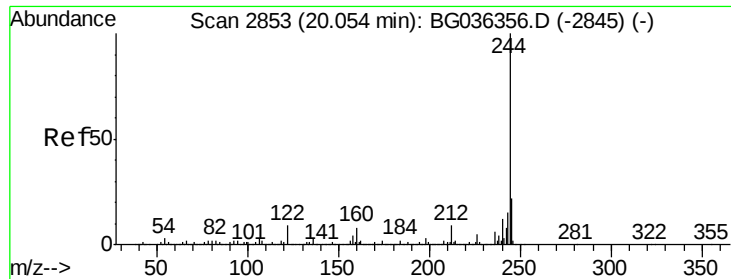
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:240 Resp: 417857
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.6 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

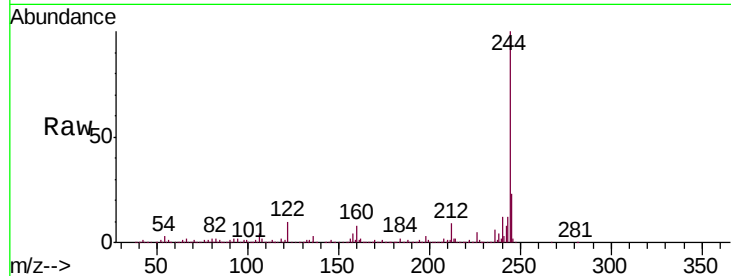




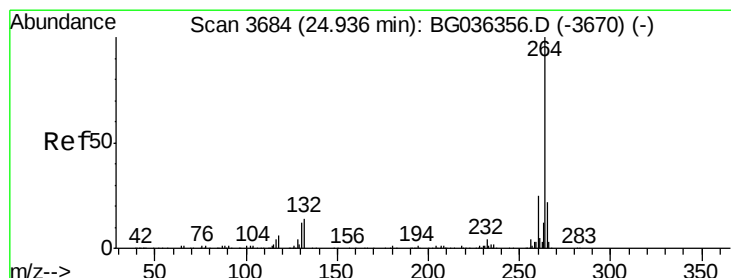
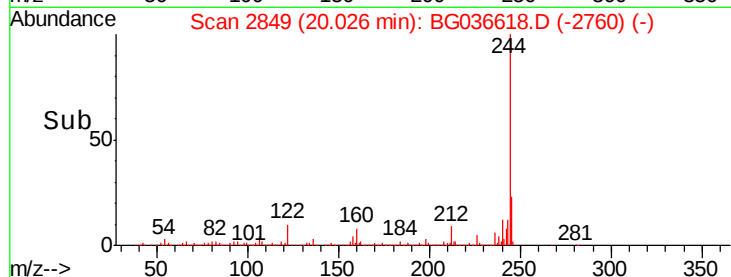
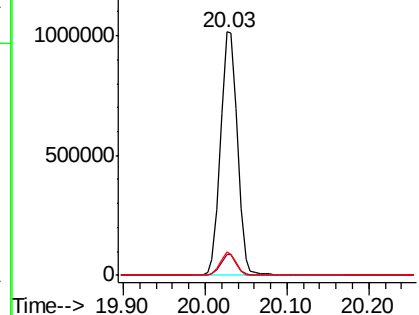
#78
 Terphenyl-d14
 Concen: 82.290 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-A

Tgt Ion:244 Resp: 1471142
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 9.6 7.1 10.7

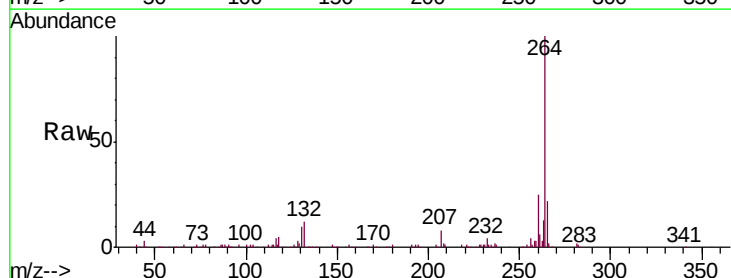


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

Tgt Ion:264 Resp: 368239
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.8 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

