

Data File : BG036576.D
Acq On : 6 Sep 2018 19:28
Operator : JU/SJ
Sample : J4803-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP1-Q2-J7

Quant Time: Sep 07 04:20:38 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

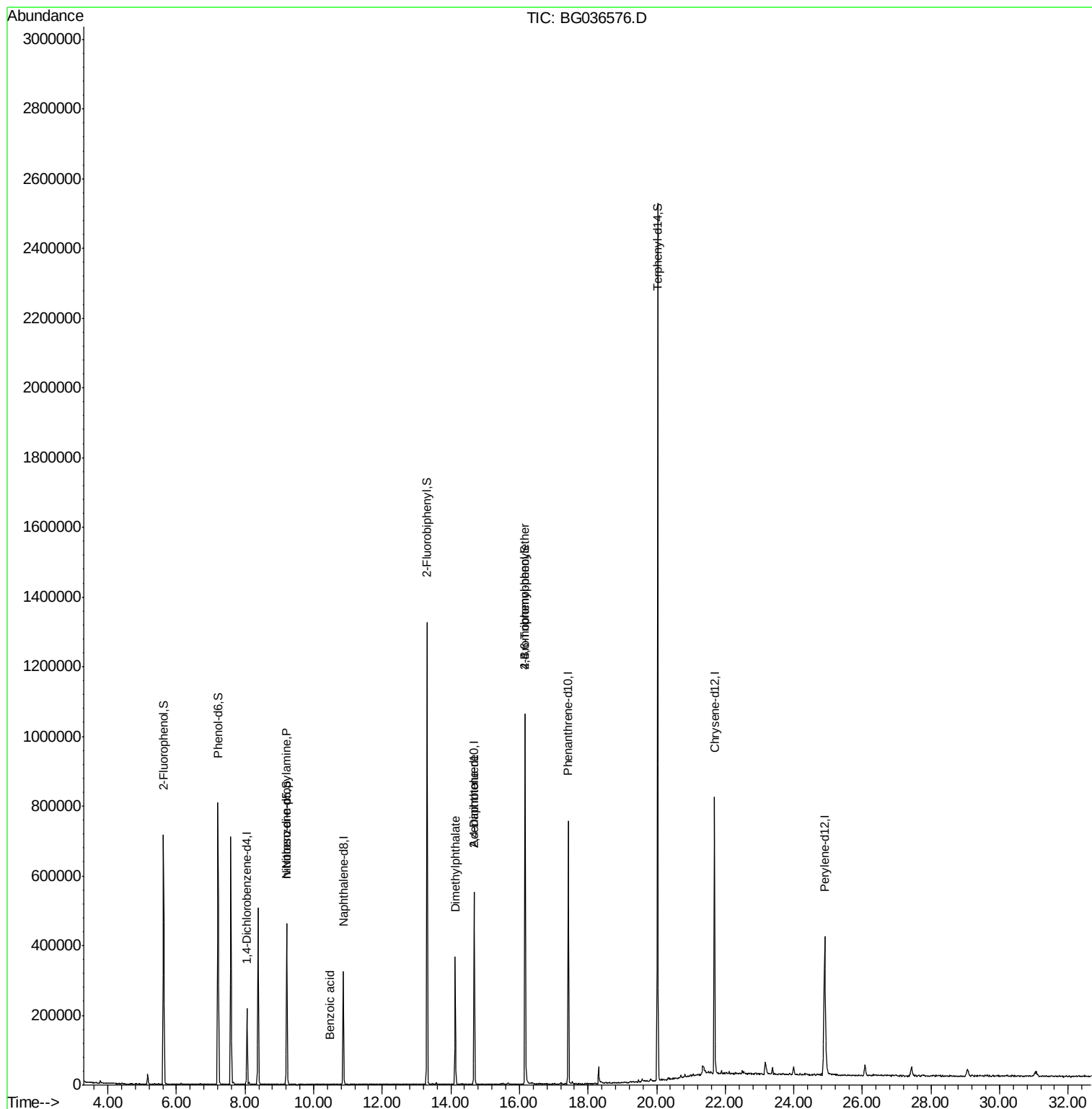
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62290	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	282009	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	194360	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	490025	20.00	ng	0.00
75) Chrysene-d12	21.69	240	486485	20.00	ng	0.00
86) Perylene-d12	24.90	264	471768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	312756	79.65	ng	0.00
7) Phenol-d6	7.21	99	463884	82.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	278640	53.61	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	200256	86.35	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	714292	52.47	ng	0.00
78) Terphenyl-d14	20.03	244	1181220	56.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	36791	8.756	ng	# 66
32) Benzoic acid	10.46	122	53	4.495	ng	# 1
49) Dimethylphthalate	14.13	163	248809	15.677	ng	99
56) 2,4-Dinitrotoluene	14.68	165	25059	5.888	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	13863	2.416	ng	# 1

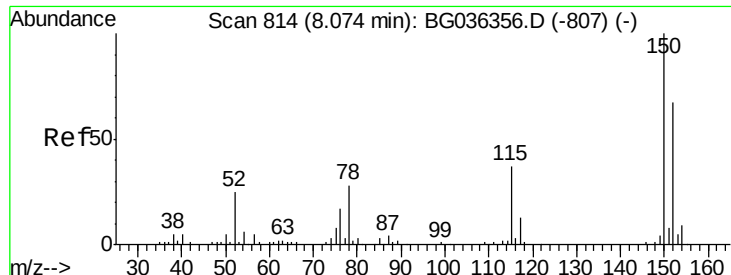
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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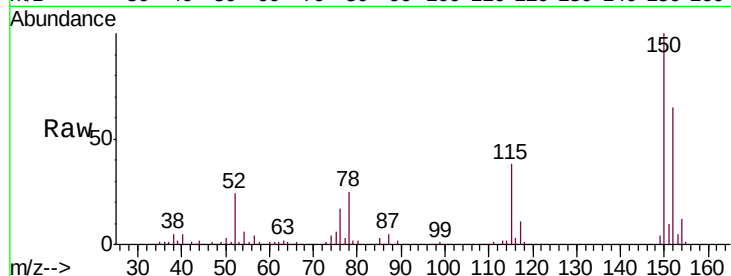


#1

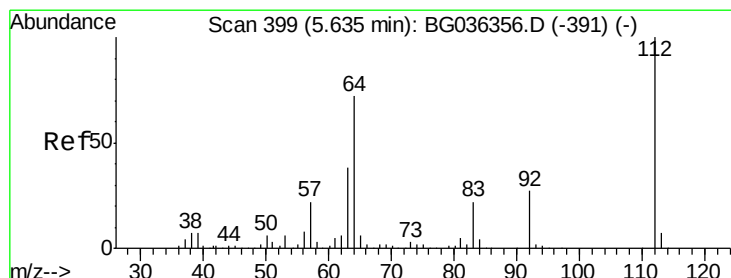
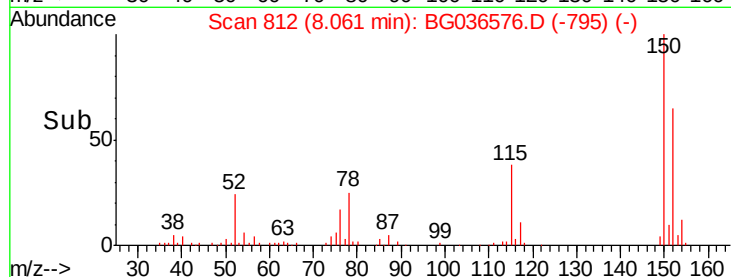
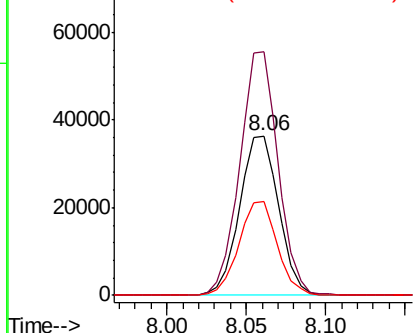
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036576.D
Acq: 6 Sep 2018 19:28

Instrument :
BNA_G
ClientSampleId :
EP1-Q2-J7

Tgt Ion:152 Resp: 62290
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 58.7 44.5 66.7



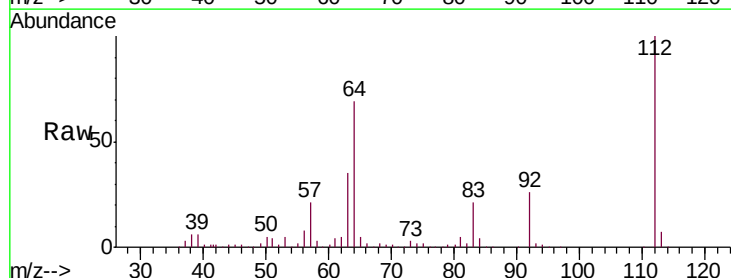
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



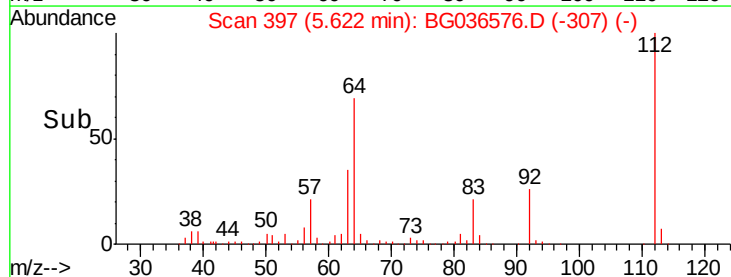
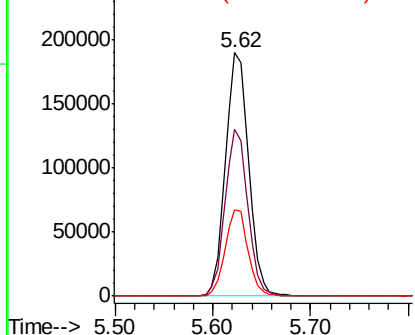
#5

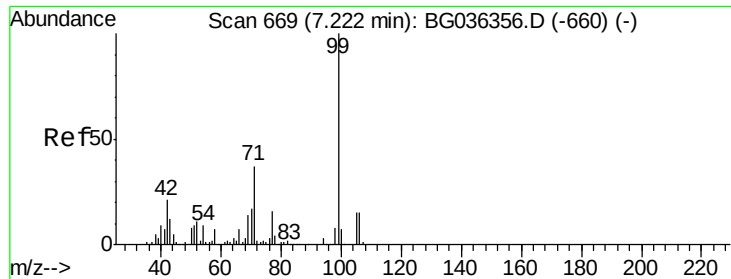
2-Fluorophenol
Concen: 79.647 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036576.D
Acq: 6 Sep 2018 19:28

Tgt Ion:112 Resp: 312756
Ion Ratio Lower Upper
112 100
64 68.7 57.2 85.8
63 35.5 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: 82.510 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036576.D

Acq: 6 Sep 2018 19:28

Instrument :

BNA_G

ClientSampleId :

EP1-Q2-J7

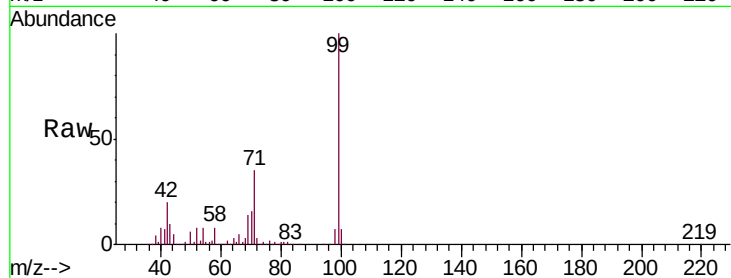
Tgt Ion: 99 Resp: 463884

Ion Ratio Lower Upper

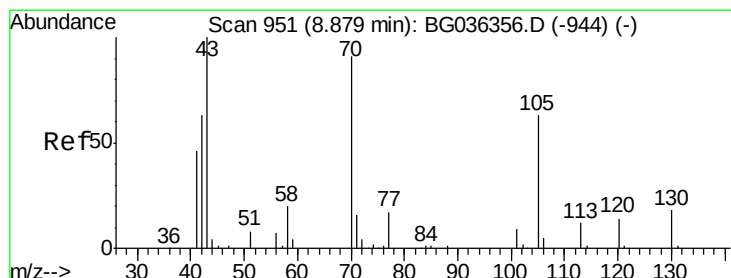
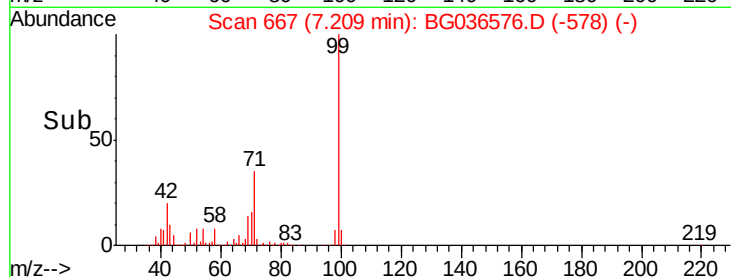
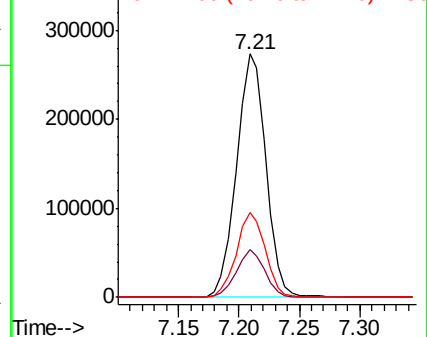
99 100

42 19.6 16.5 24.7

71 34.7 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: 8.756 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036576.D

Acq: 6 Sep 2018 19:28

Tgt Ion: 70 Resp: 36791

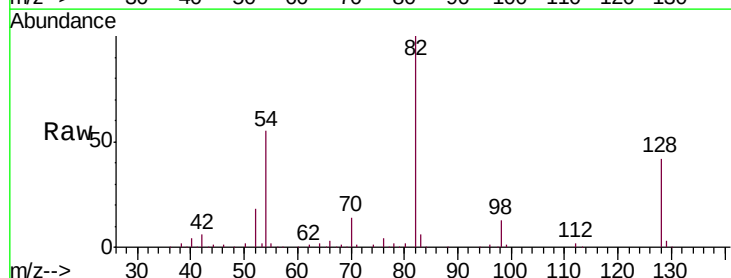
Ion Ratio Lower Upper

70 100

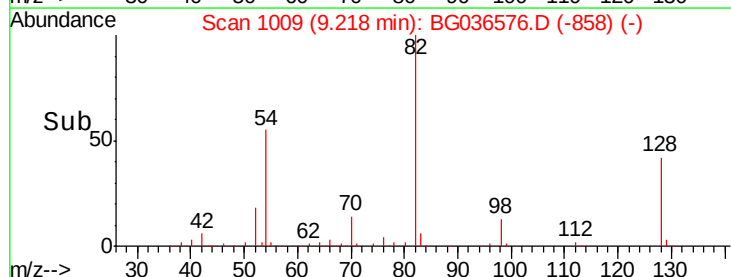
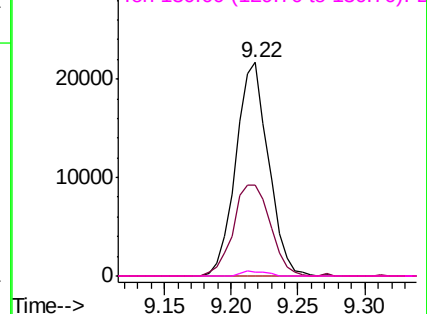
42 42.6 56.2 84.4#

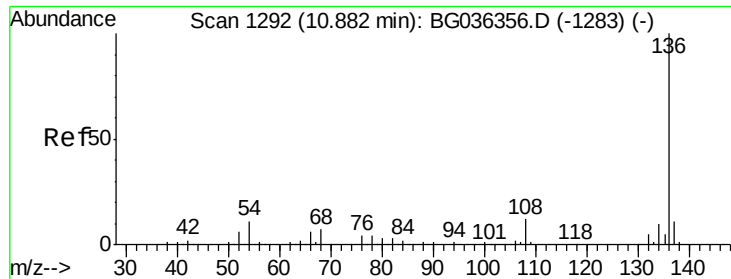
101 0.0 7.8 11.6#

130 2.1 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

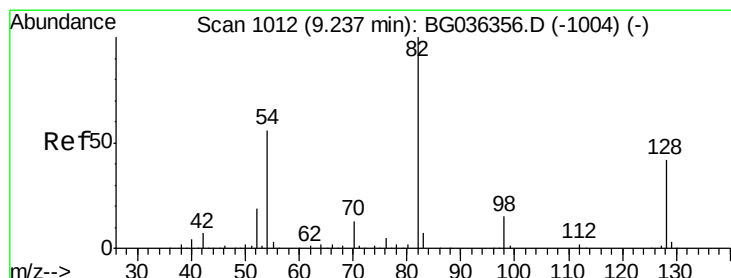
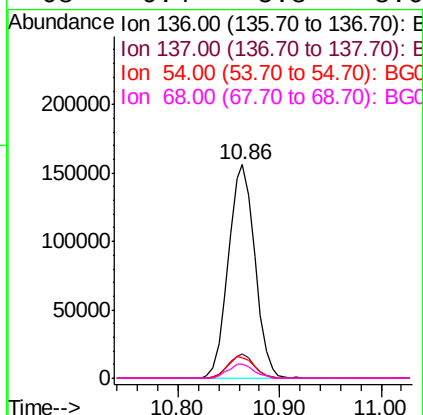
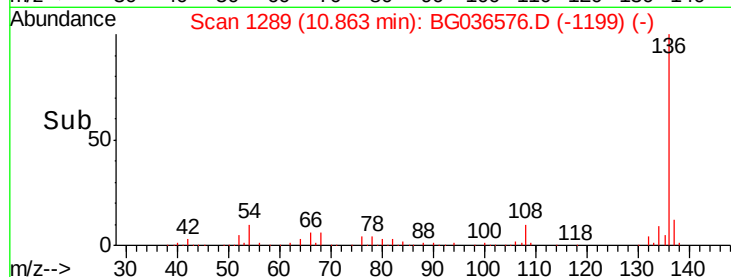
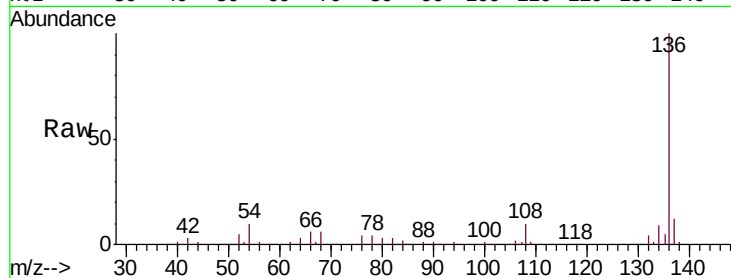




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036576.D
Acq: 6 Sep 2018 19:28

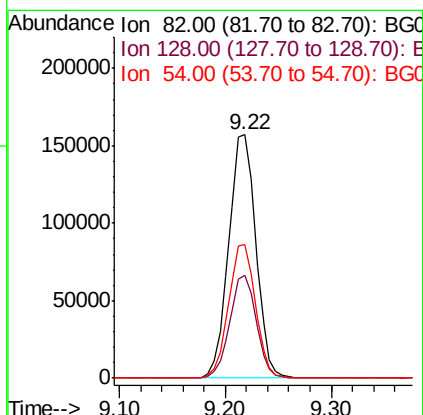
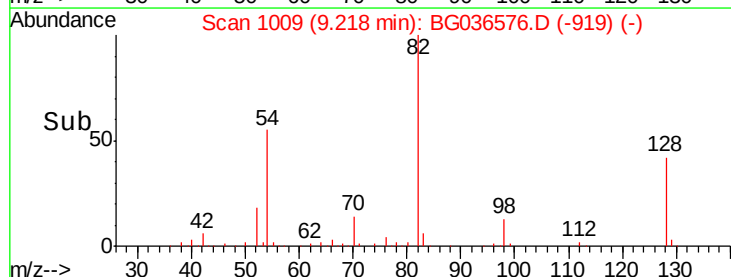
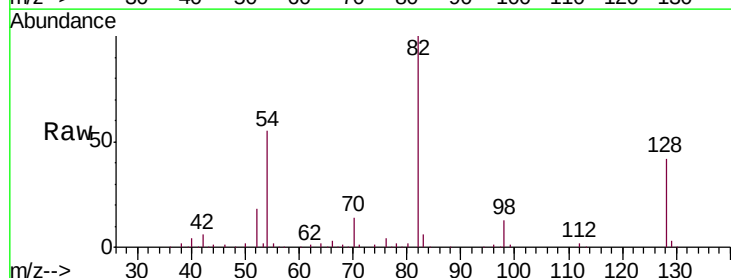
Instrument :
BNA_G
ClientSampleId :
EP1-Q2-J7

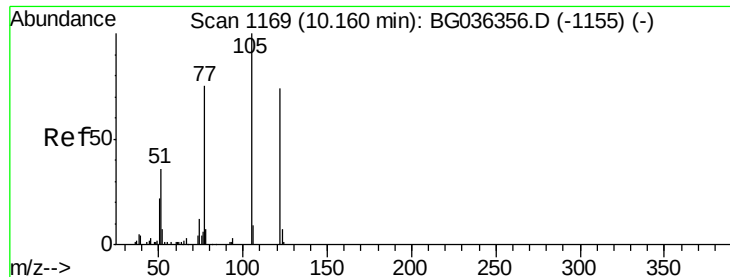
Tgt Ion:	136	Resp:	282009
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	9.6	9.2	13.8
68	6.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 53.609 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036576.D
Acq: 6 Sep 2018 19:28

Tgt Ion:	82	Resp:	278640
Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.3	49.9
54	54.7	45.1	67.7

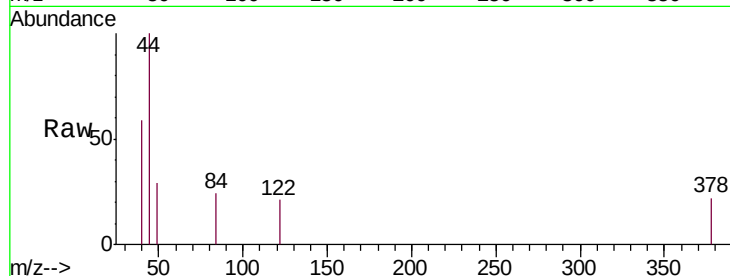




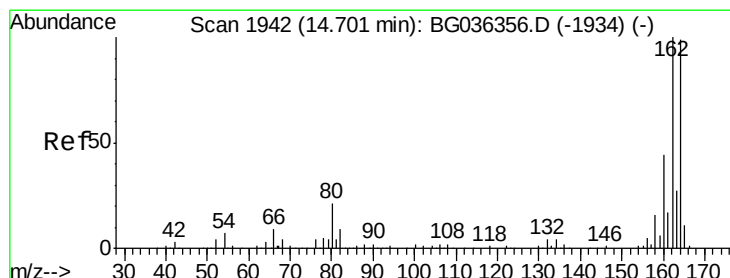
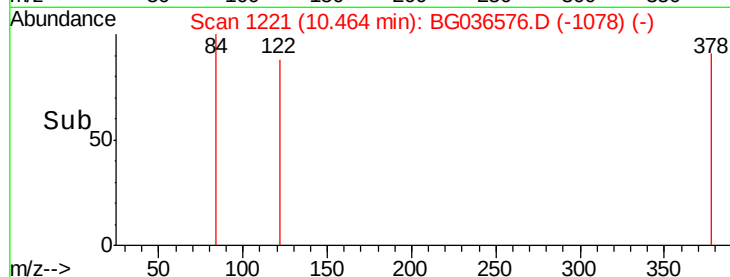
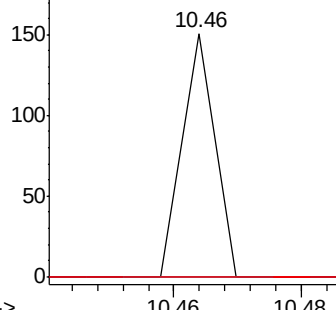
#32
Benzoic acid
Concen: 4.495 ng
RT: 10.46 min Scan# 1221
Delta R.T. 0.31 min
Lab File: BG036576.D
Acq: 6 Sep 2018 19:28

Instrument :
BNA_G
ClientSampleId :
EP1-Q2-J7

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

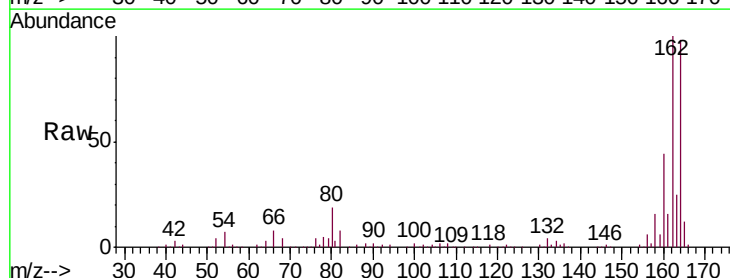


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

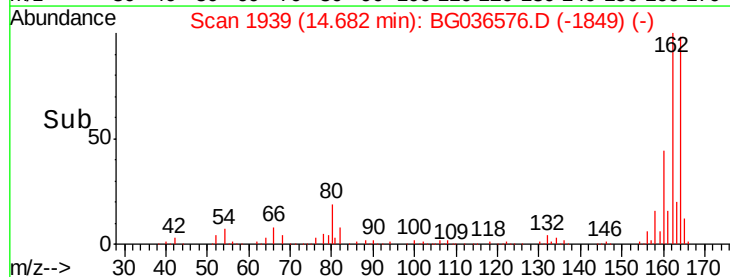
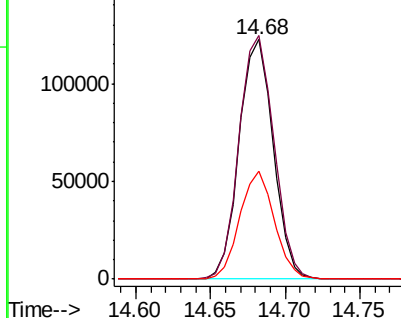


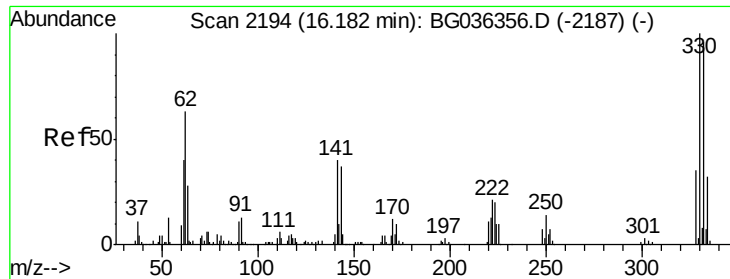
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036576.D
Acq: 6 Sep 2018 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.7	121.1
160	45.3	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

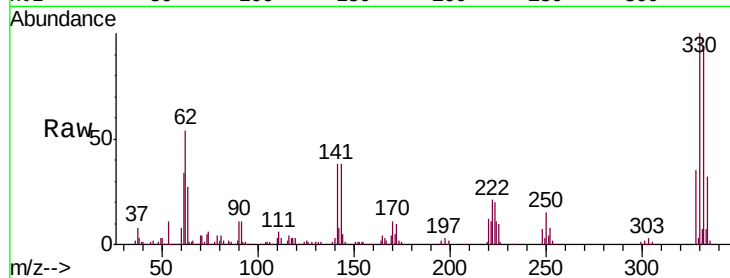




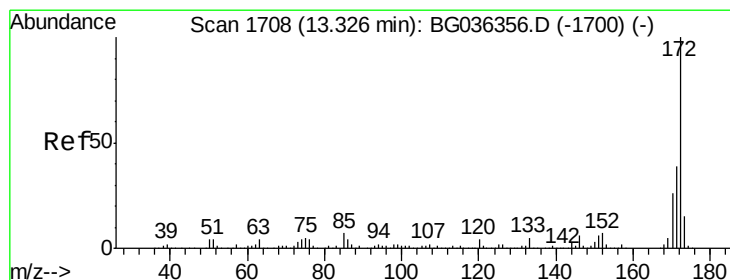
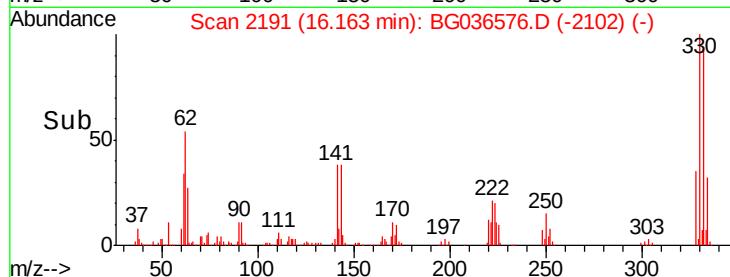
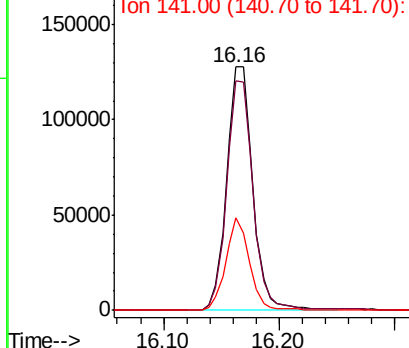
#41
 2,4,6-Tribromophenol
 Concen: 86.349 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036576.D
 Acq: 6 Sep 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q2-J7

Tgt Ion:330 Resp: 200256
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.2
 141 34.4 30.7 46.1

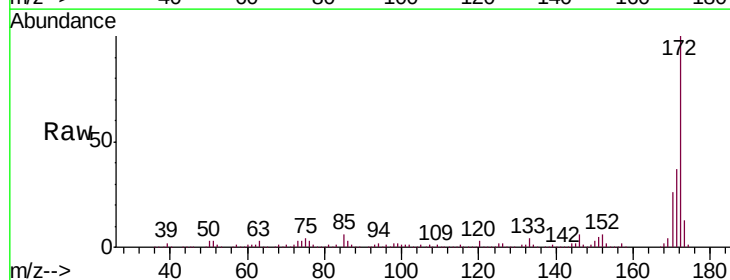


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

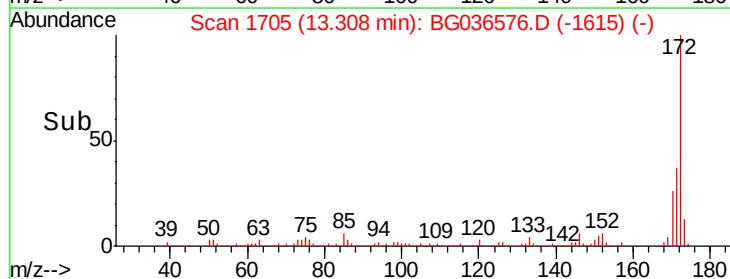
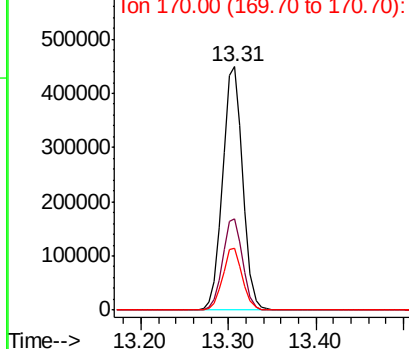


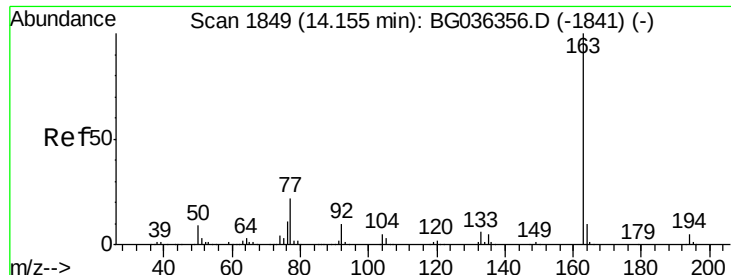
#44
 2-Fluorobiphenyl
 Concen: 52.474 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036576.D
 Acq: 6 Sep 2018 19:28

Tgt Ion:172 Resp: 714292
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 25.6 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





#49

Dimethylphthalate

Concen: 15.677 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036576.D

Acq: 6 Sep 2018 19:28

Instrument :

BNA_G

ClientSampleId :

EP1-Q2-J7

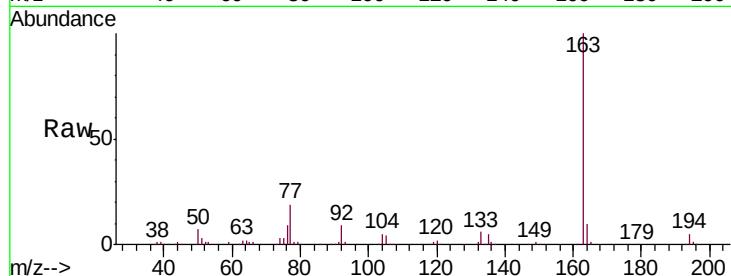
Tgt Ion:163 Resp: 248809

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

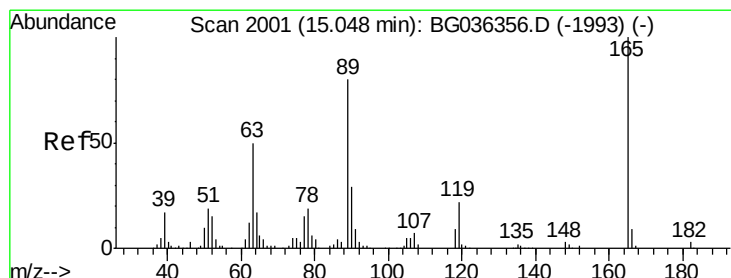
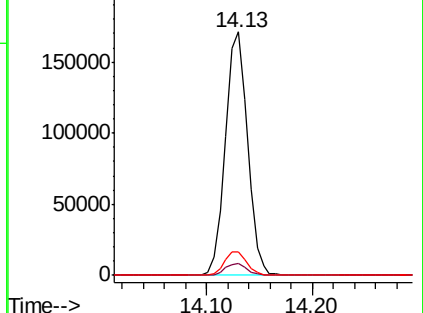
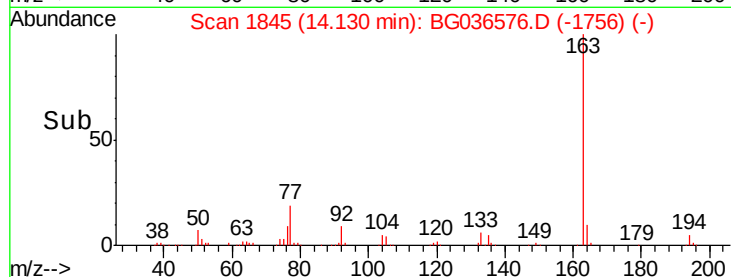
164 9.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.888 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036576.D

Acq: 6 Sep 2018 19:28

Tgt Ion:165 Resp: 25059

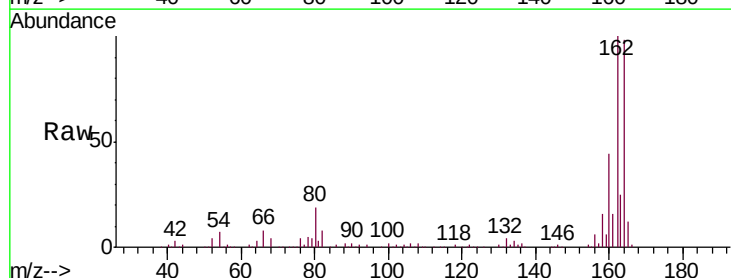
Ion Ratio Lower Upper

165 100

63 1.4 40.1 60.1#

89 1.2 63.7 95.5#

182 0.0 2.5 3.7#

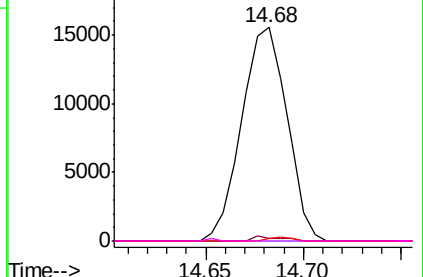
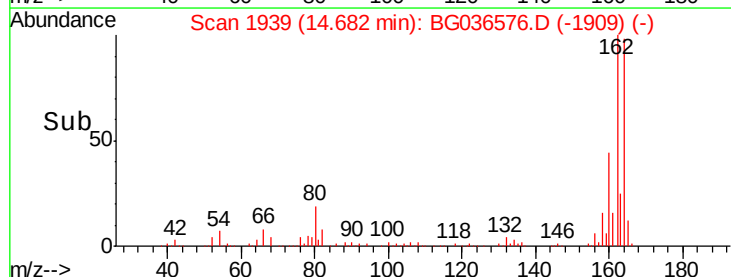


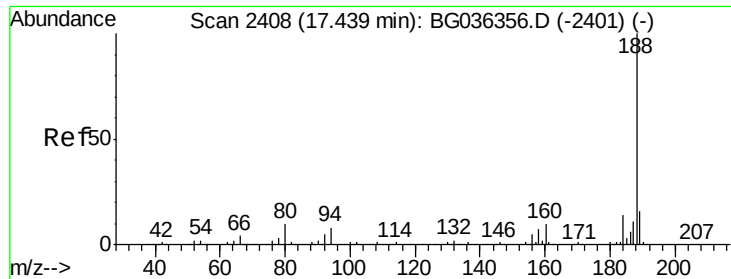
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

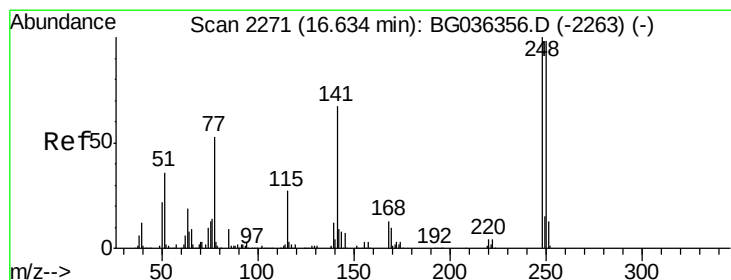
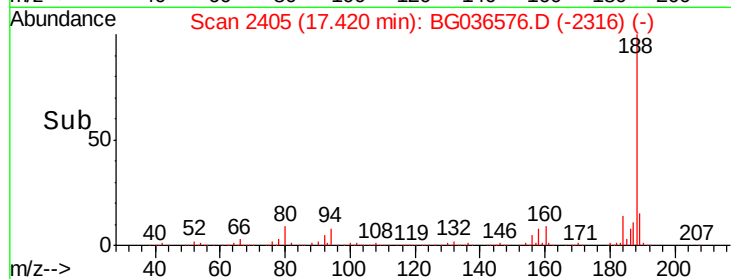
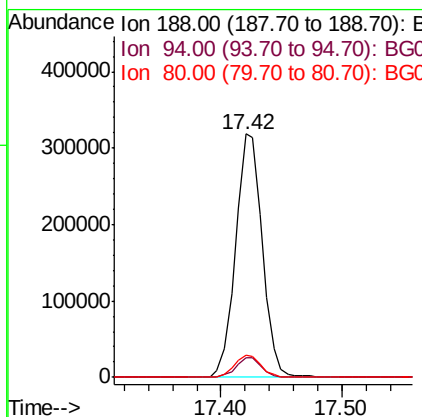
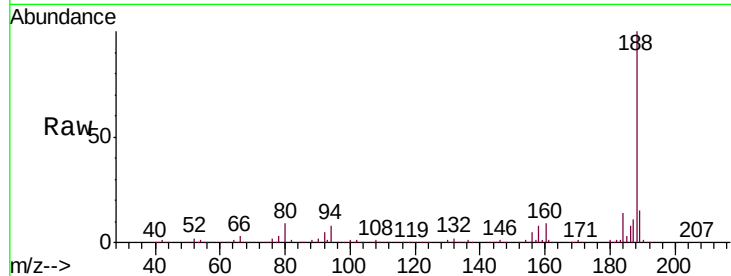




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036576.D
 Acq: 6 Sep 2018 19:28

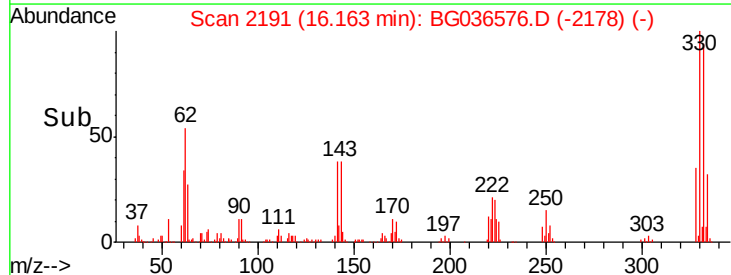
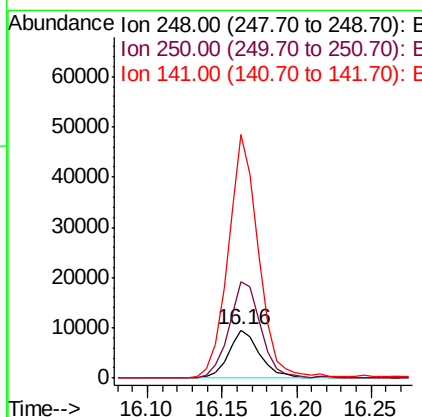
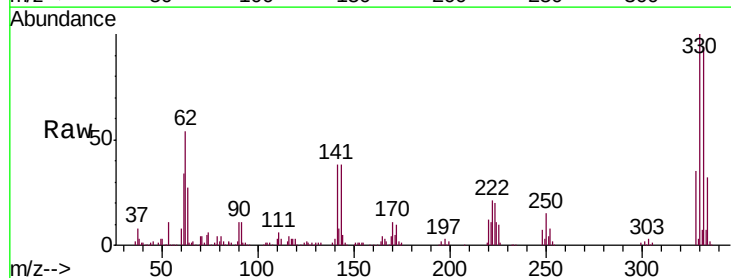
Instrument :
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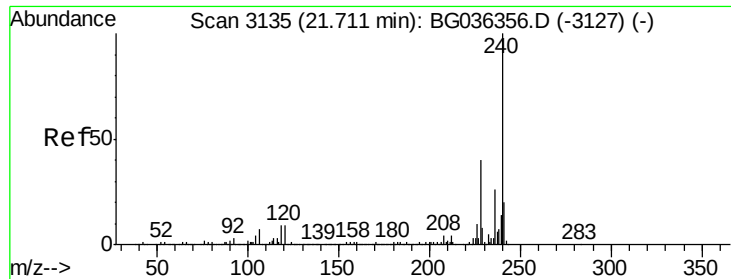
Tgt Ion:188 Resp: 490025
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 8.9 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 2.416 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036576.D
 Acq: 6 Sep 2018 19:28

Tgt Ion:248 Resp: 13863
 Ion Ratio Lower Upper
 248 100
 250 200.5 78.1 117.1#
 141 509.2 53.7 80.5#

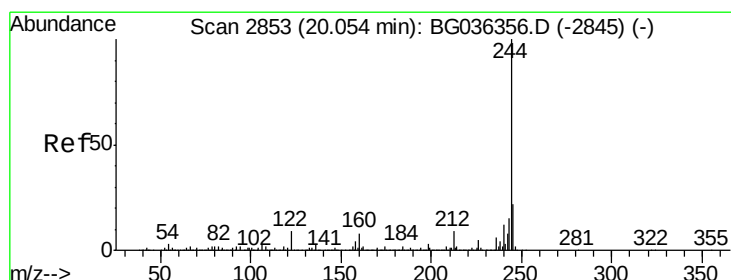
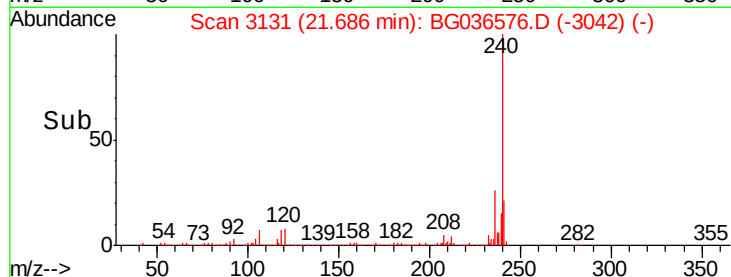
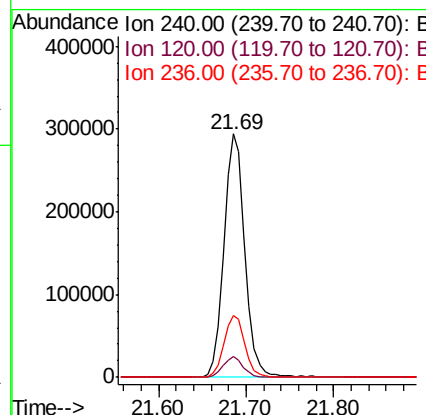
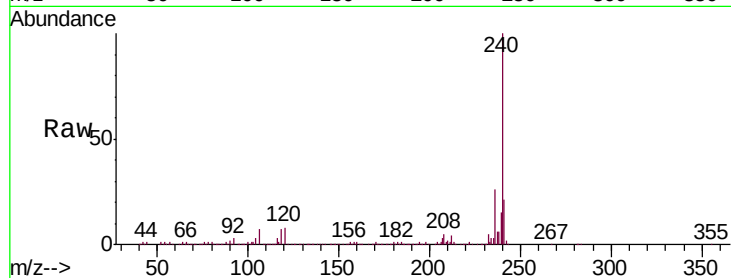




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036576.D
 Acq: 6 Sep 2018 19:28

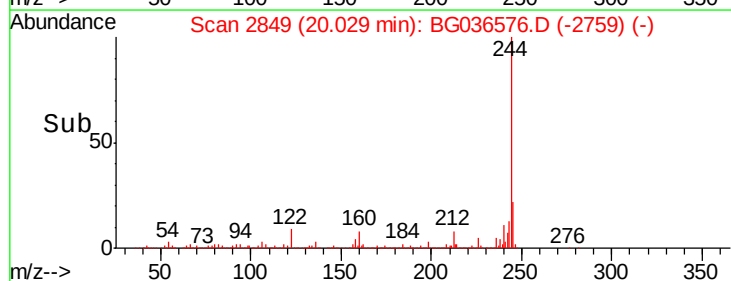
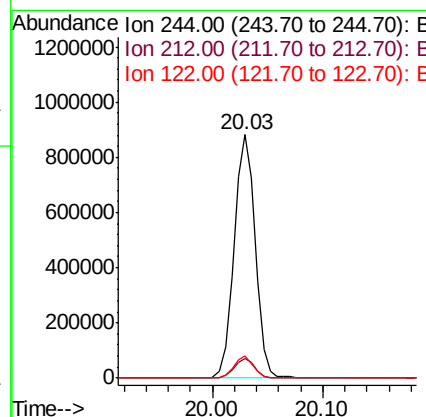
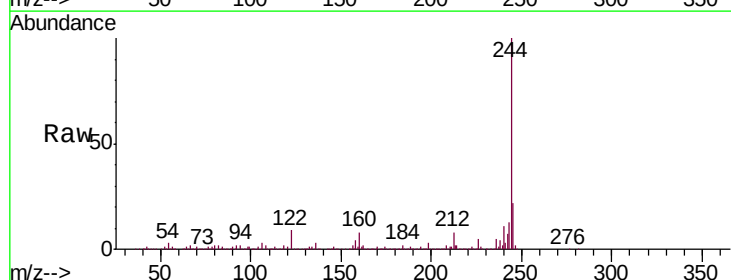
Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q2-J7

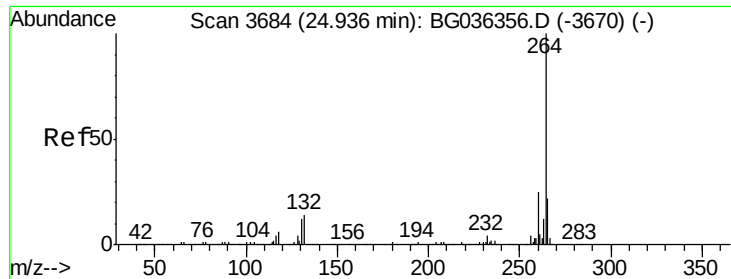
Tgt Ion:240 Resp: 486485
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.5 21.2 31.8



#78
 Terphenyl-d14
 Concen: 56.752 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036576.D
 Acq: 6 Sep 2018 19:28

Tgt Ion:244 Resp: 1181220
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.6
 122 9.2 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036576.D
Acq: 6 Sep 2018 19:28

Instrument :
BNA_G
ClientSampleId :
EP1-Q2-J7

Tgt Ion:	264	Resp:	471768
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.4	17.4	26.0

