

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036474.D
 Acq On : 29 Aug 2018 1:30
 Operator : JU/SJ
 Sample : J4671-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TL-SPEEDY-DRY

Quant Time: Aug 29 05:27:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

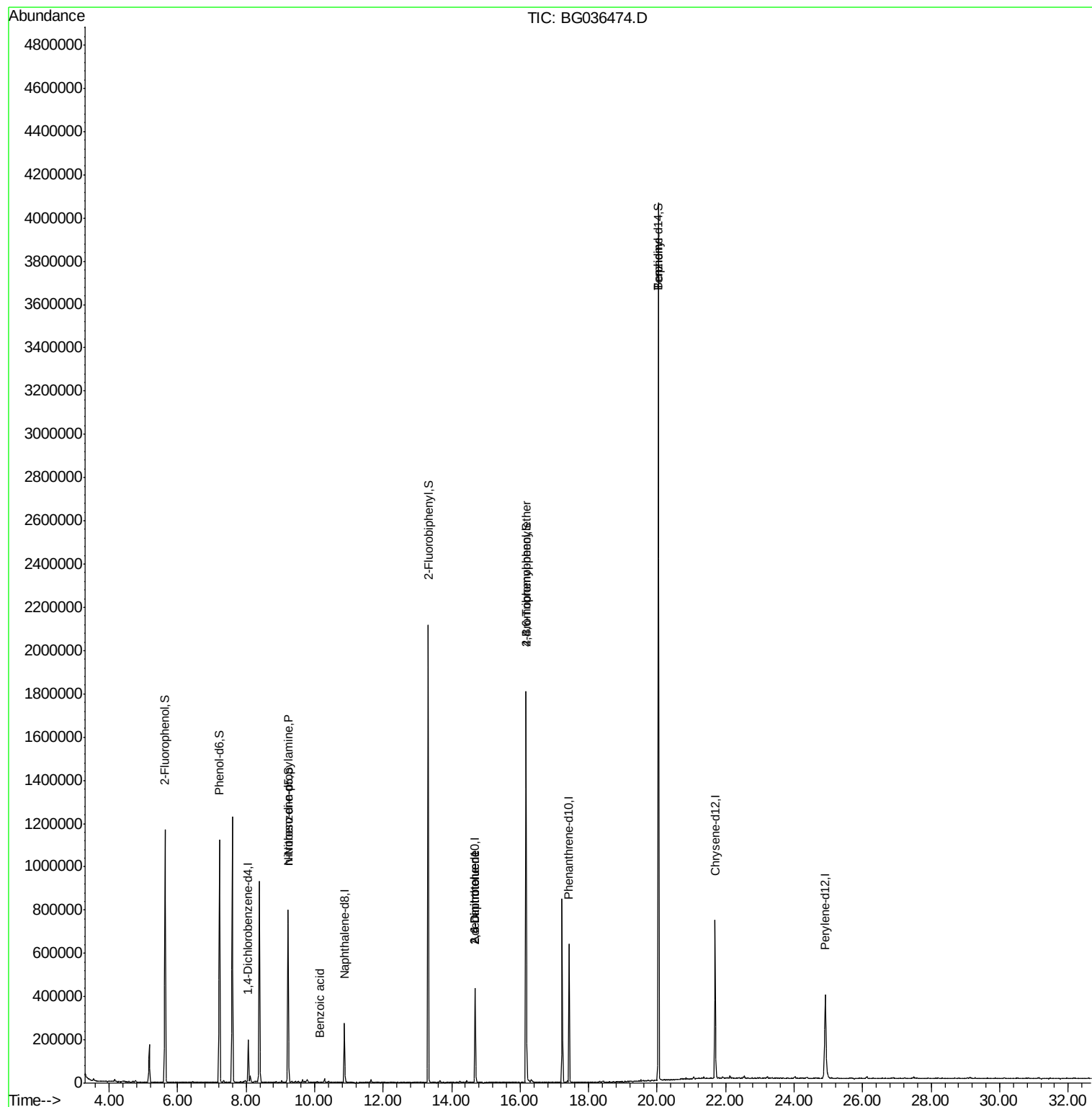
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55910	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	228385	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	153715	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	404230	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	448813	20.00	ng	-0.02
86) Perylene-d12	24.91	264	452012	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	490413	139.14	ng	0.00
7) Phenol-d6	7.22	99	633570	125.55	ng	0.00
23) Nitrobenzene-d5	9.22	82	468134	111.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	342051	186.49	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1079735	100.29	ng	-0.01
78) Terphenyl-d14	20.04	244	1887056	98.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	62665	16.616	ng	# 70
32) Benzoic acid	10.16	122	102	4.517	ng	# 58
50) 2,6-Dinitrotoluene	14.69	165	20180	7.813	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	20180	5.995	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	23860	5.042	ng	# 1
76) Benzidine	20.04	184	34527	2.411	ng	# 90

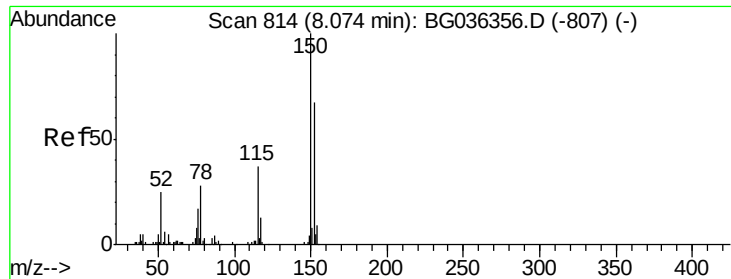
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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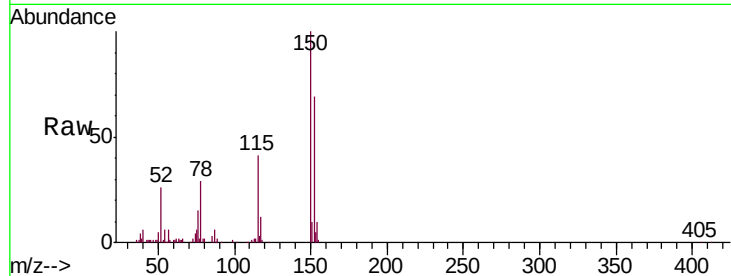


#1

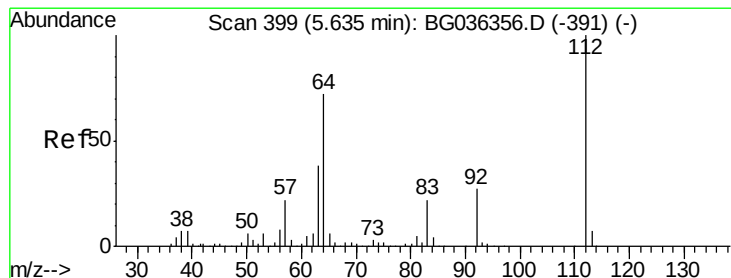
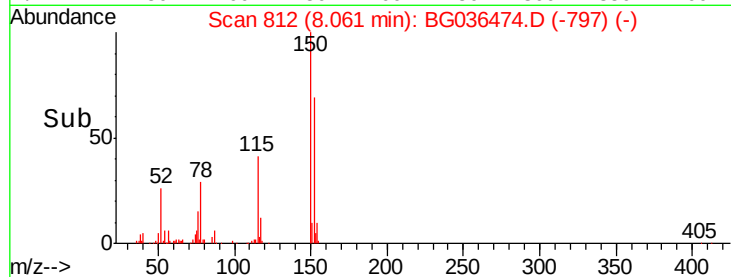
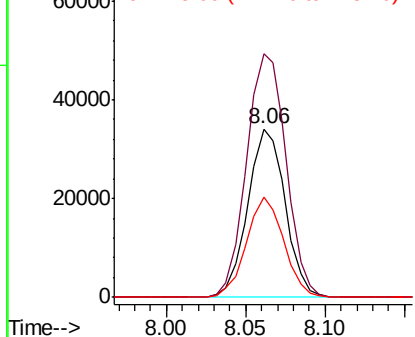
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :
 TL-SPEEDY-DRY

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.5	119.5	179.3
115	59.6	44.5	66.7



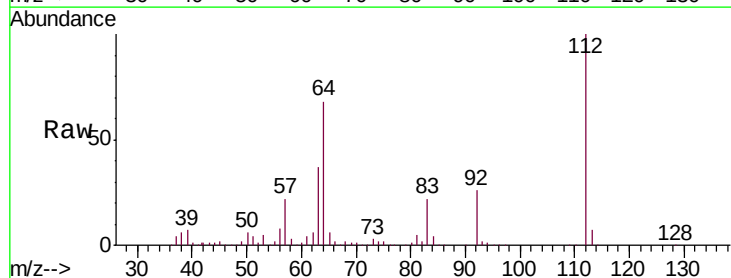
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



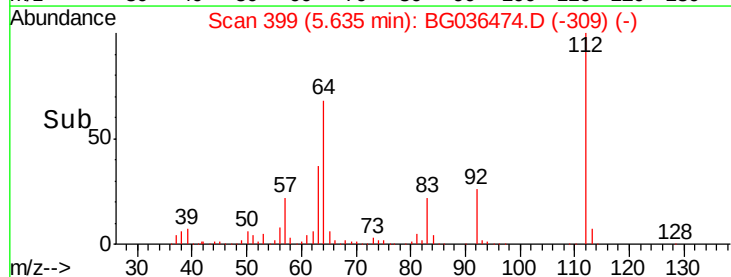
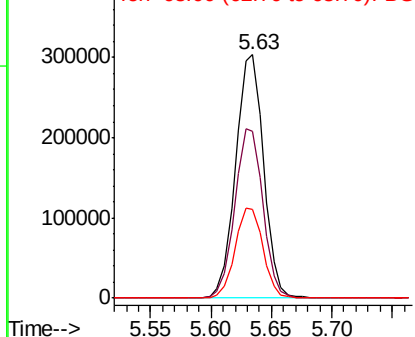
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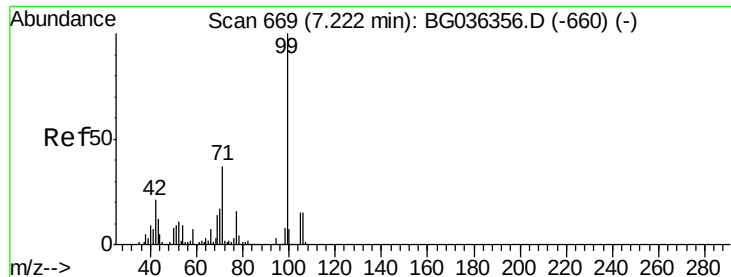
2-Fluorophenol
 Concen: 139.141 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.2	85.8
63	36.5	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: 125.551 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

Instrument :

BNA_G

ClientSampleId :

TL-SPEEDY-DRY

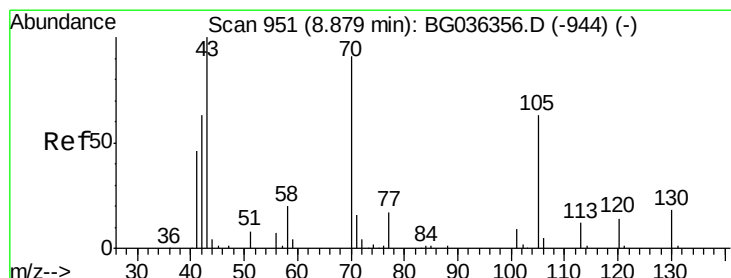
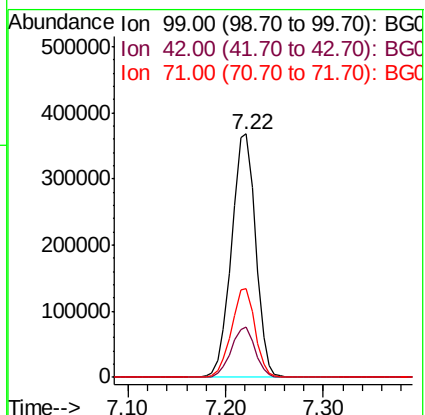
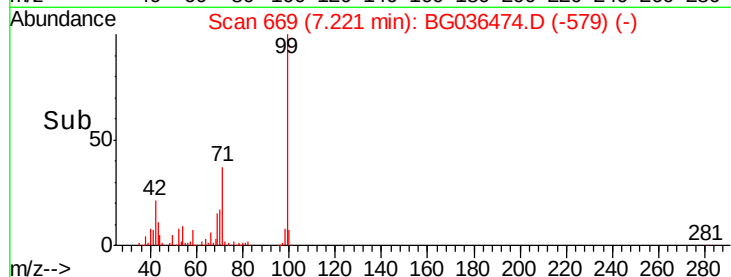
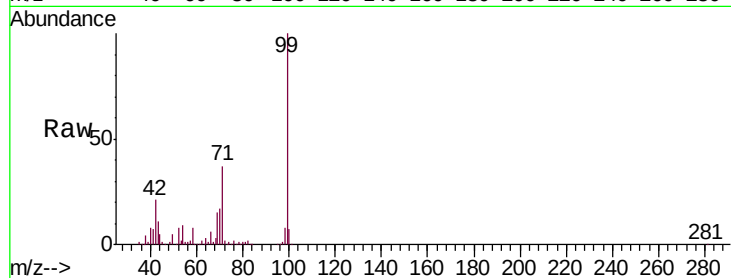
Tgt Ion: 99 Resp: 633570

Ion Ratio Lower Upper

99 100

42 20.9 16.5 24.7

71 36.6 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.616 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

Tgt Ion: 70 Resp: 62665

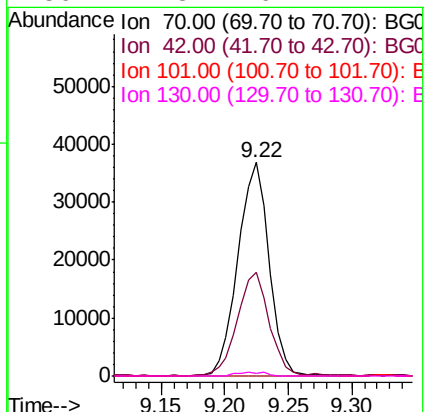
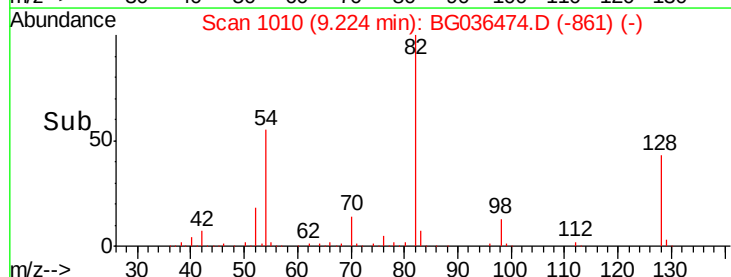
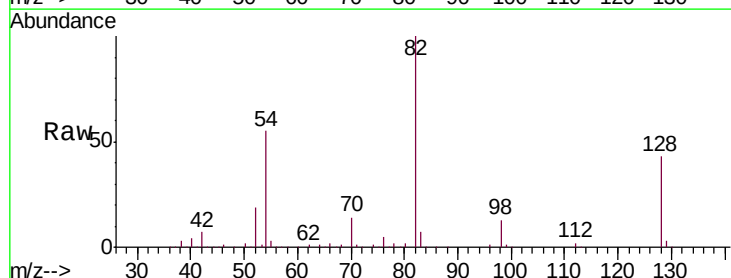
Ion Ratio Lower Upper

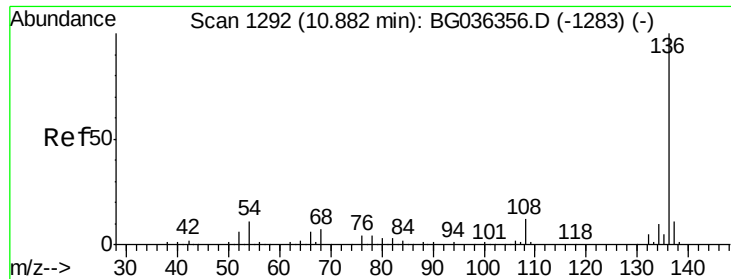
70 100

42 48.3 56.2 84.4#

101 0.0 7.8 11.6#

130 1.3 16.2 24.2#

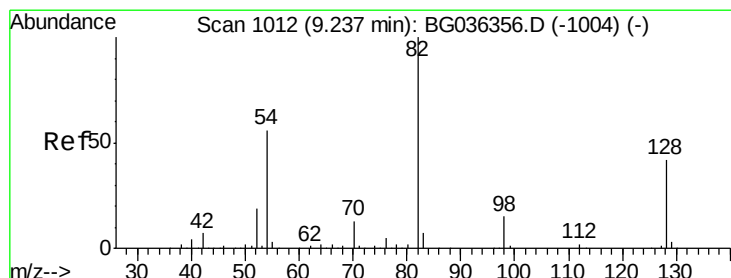
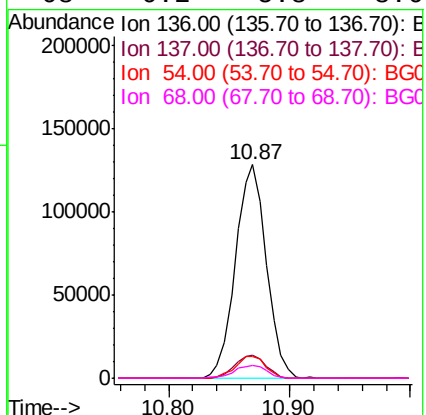
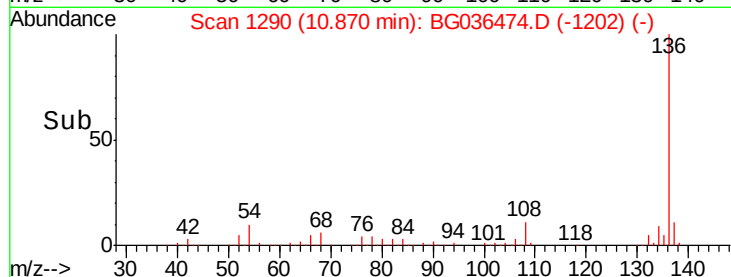
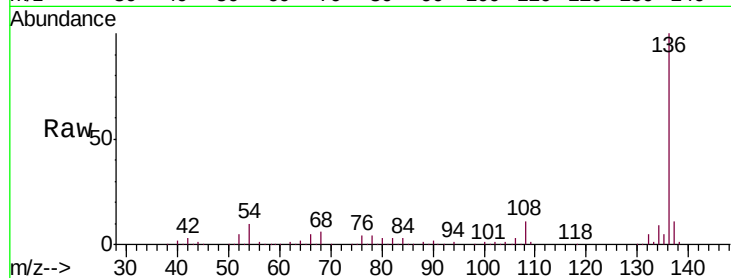




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036474.D
Acq: 29 Aug 2018 1:30

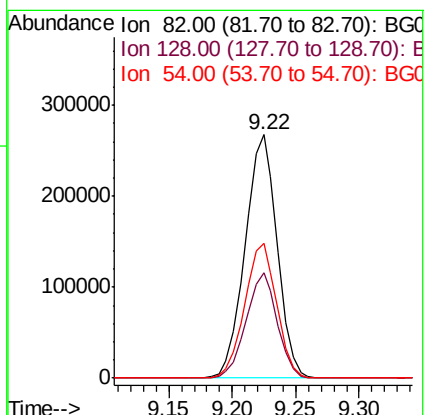
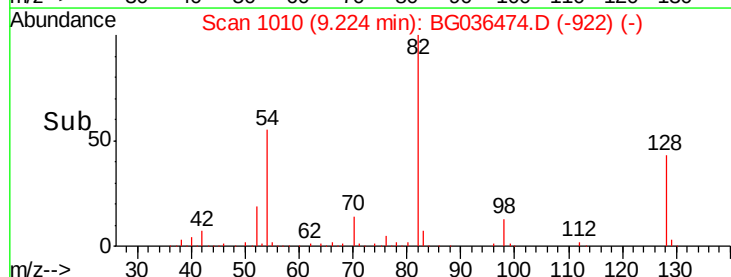
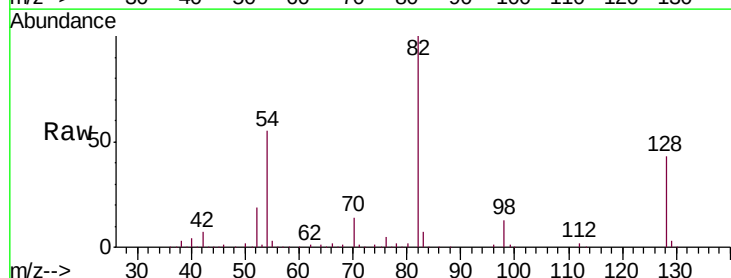
Instrument :
BNA_G
ClientSampleId :
TL-SPEEDY-DRY

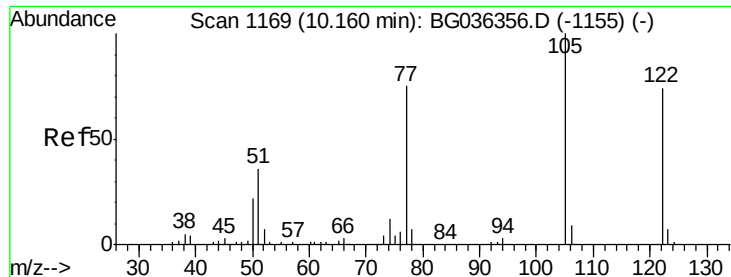
Tgt Ion:	136	Resp:	228385
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.0	9.2	13.8
68	6.2	5.8	8.6



#23
Nitrobenzene-d5
Concen: 111.213 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036474.D
Acq: 29 Aug 2018 1:30

Tgt Ion:	82	Resp:	468134
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.3	49.9
54	55.4	45.1	67.7





#32

Benzoic acid

Concen: 4.517 ng

RT: 10.16 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

Instrument :

BNA_G

ClientSampleId :

TL-SPEEDY-DRY

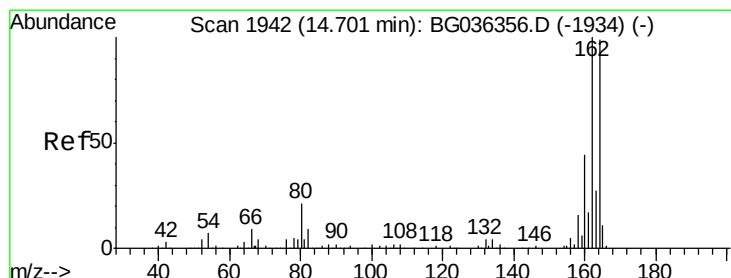
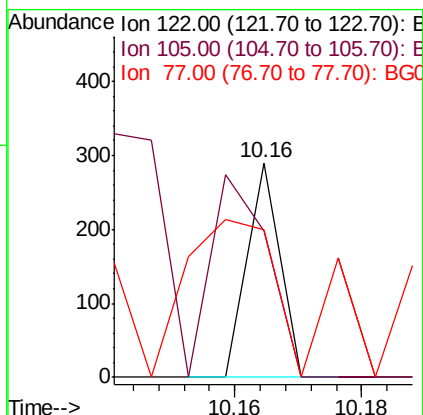
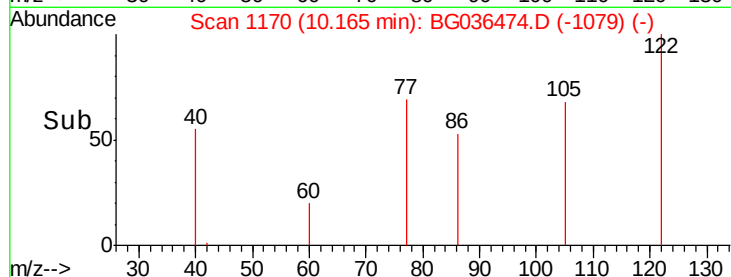
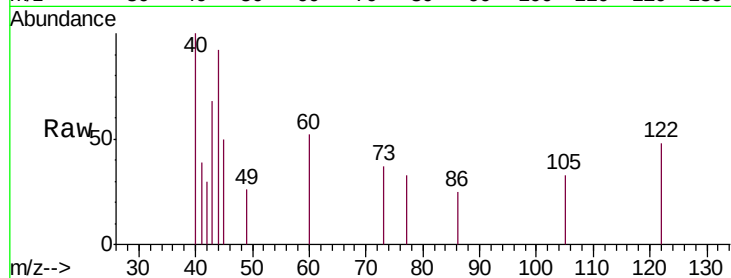
Tgt Ion:122 Resp: 102

Ion Ratio Lower Upper

122 100

105 68.3 108.1 148.1#

77 68.6 76.3 116.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

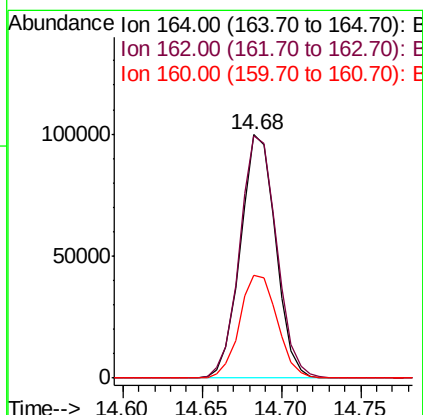
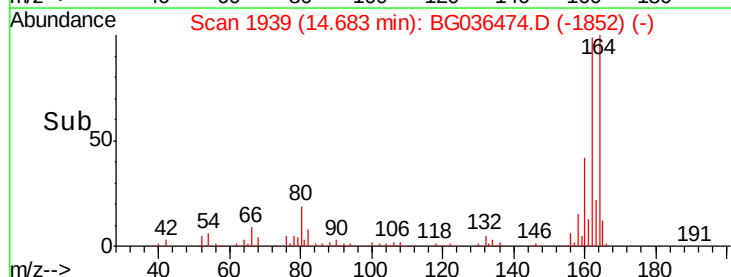
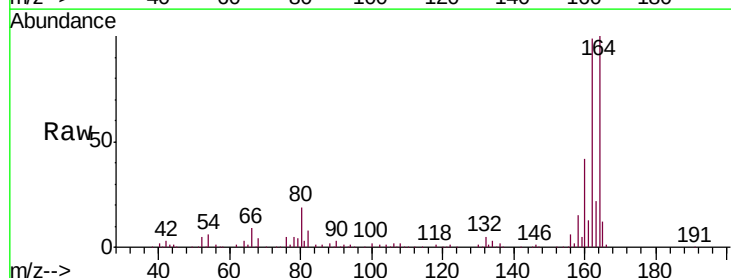
Tgt Ion:164 Resp: 153715

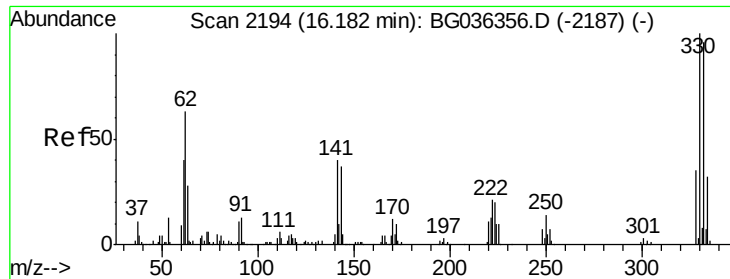
Ion Ratio Lower Upper

164 100

162 99.4 80.7 121.1

160 42.1 35.3 52.9

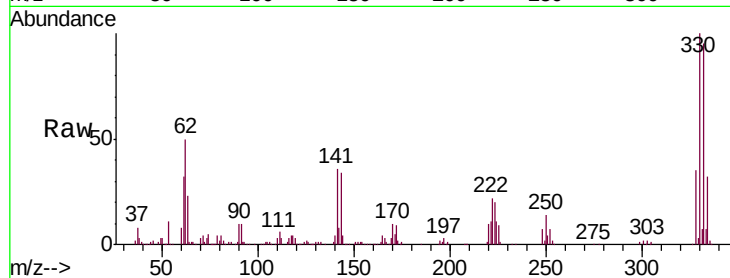




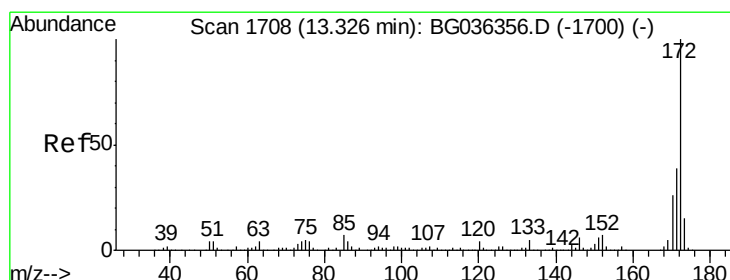
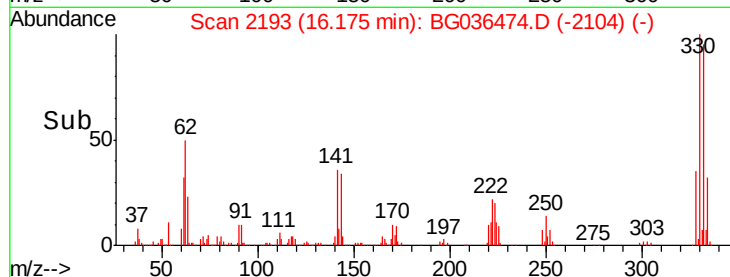
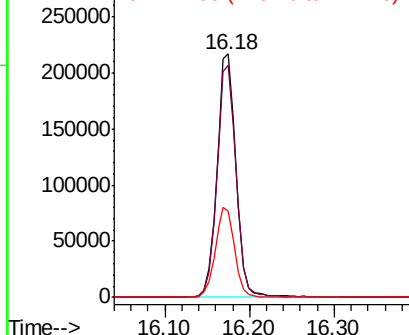
#41
 2,4,6-Tribromophenol
 Concen: 186.489 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :
 TL-SPEEDY-DRY

Tgt Ion:330 Resp: 342051
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.2
 141 37.2 30.7 46.1

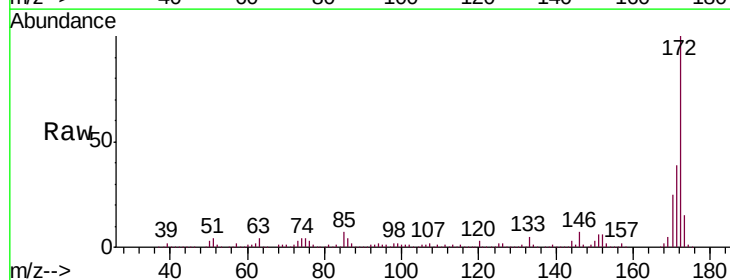


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

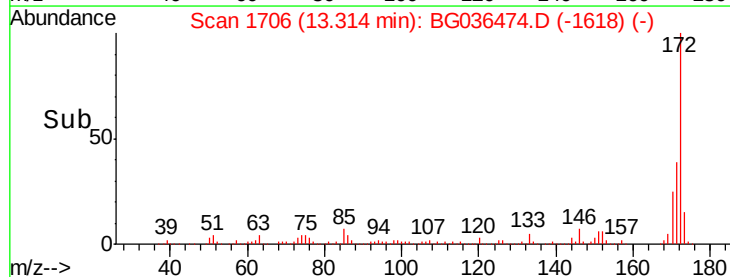
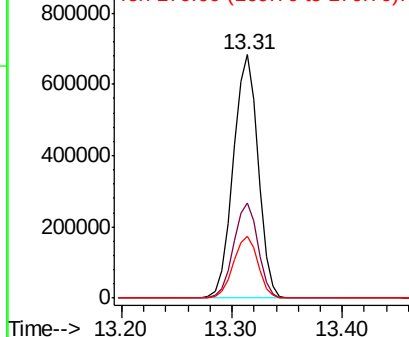


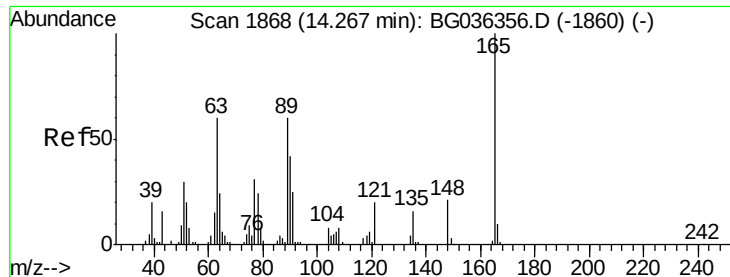
#44
 2-Fluorobiphenyl
 Concen: 100.294 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Tgt Ion:172 Resp: 1079735
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.3 46.9
 170 25.4 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

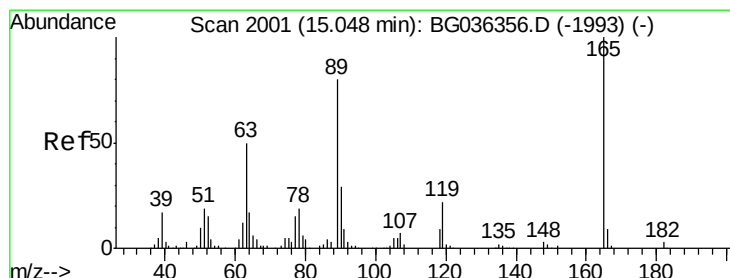
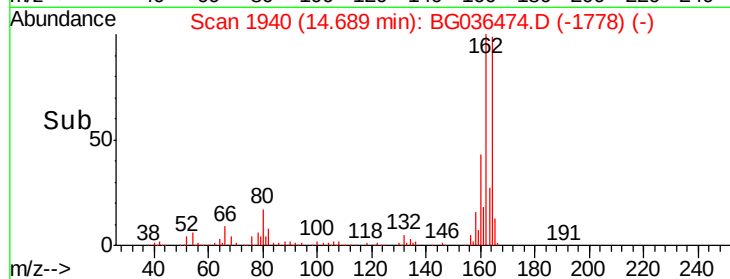
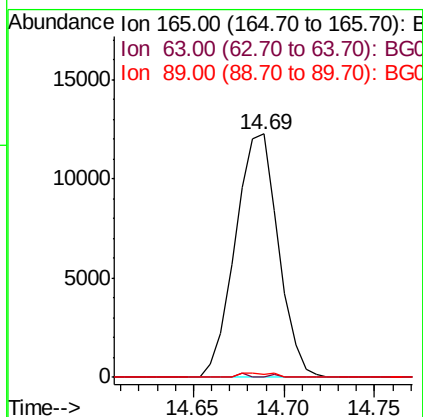
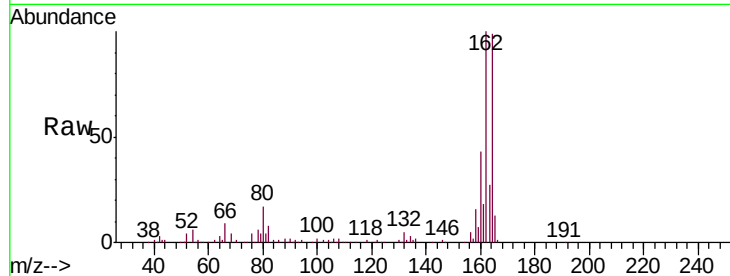




#50
2,6-Dinitrotoluene
Concen: 7.813 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036474.D
Acq: 29 Aug 2018 1:30

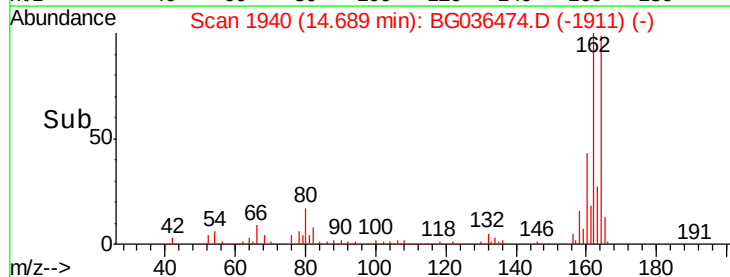
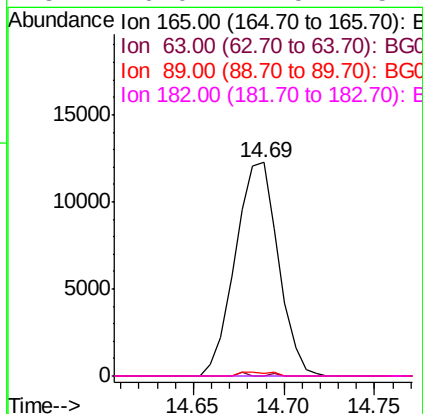
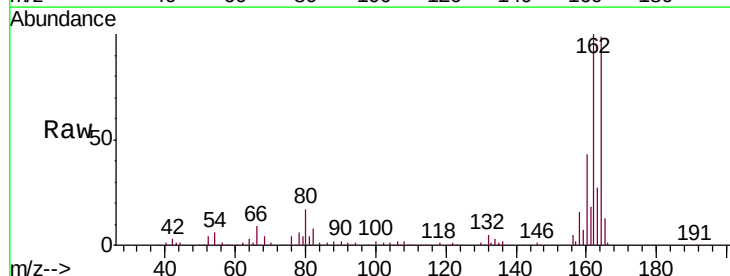
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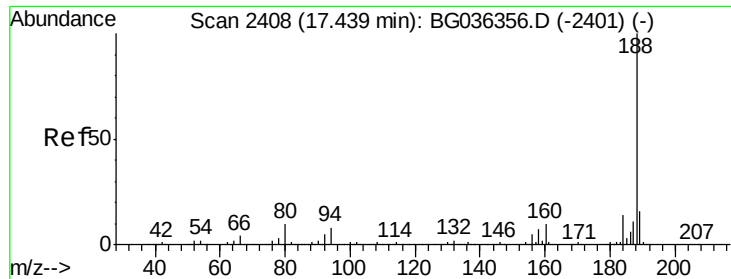
Tgt Ion:165 Resp: 20180
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.3 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.995 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036474.D
Acq: 29 Aug 2018 1:30

Tgt Ion:165 Resp: 20180
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 1.3 63.7 95.5#
182 0.0 2.5 3.7#

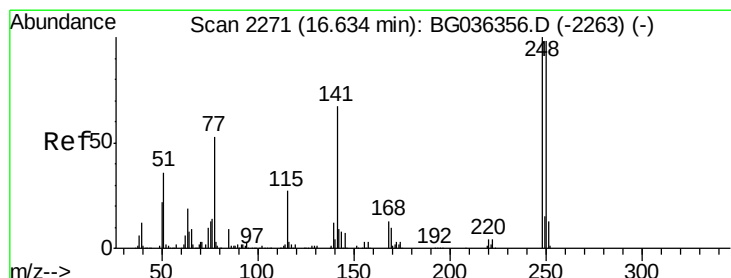
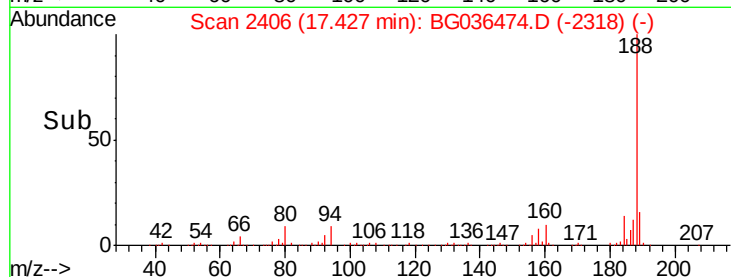
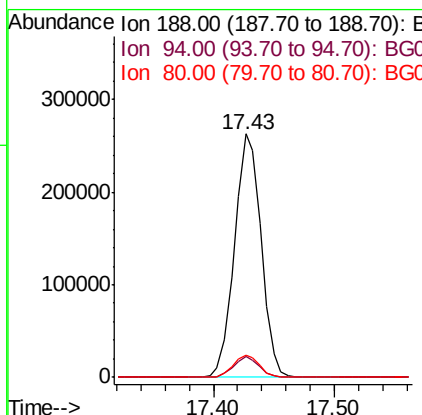
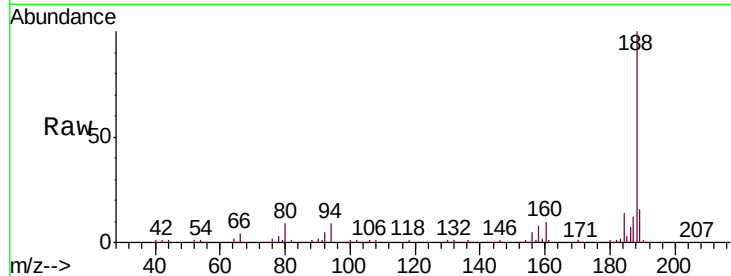




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

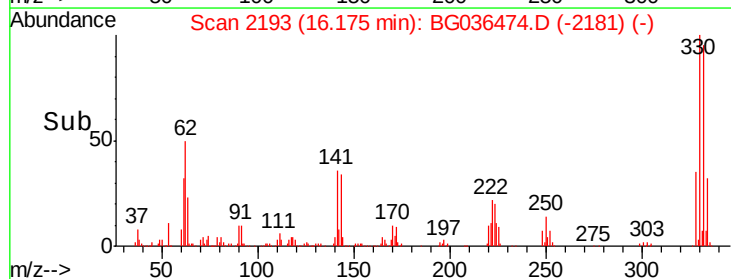
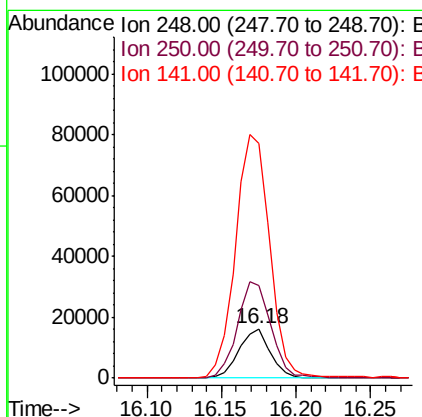
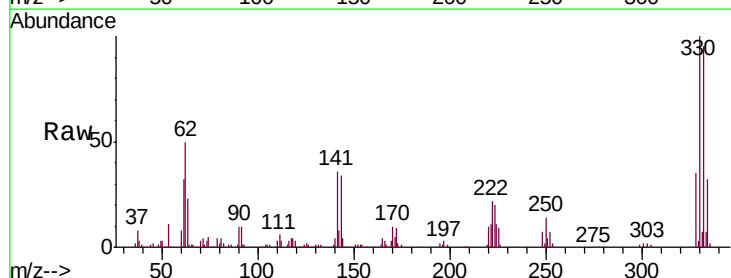
Instrument :
 BNA_G
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 TL-SPEEDY-DRY

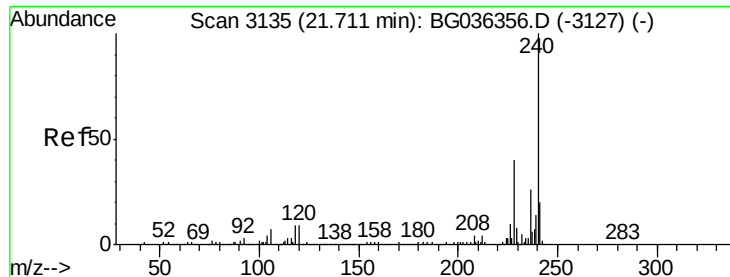
Tgt Ion:188 Resp: 404230
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.7 10.1
 80 9.2 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 5.042 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Tgt Ion:248 Resp: 23860
 Ion Ratio Lower Upper
 248 100
 250 187.5 78.1 117.1#
 141 476.0 53.7 80.5#

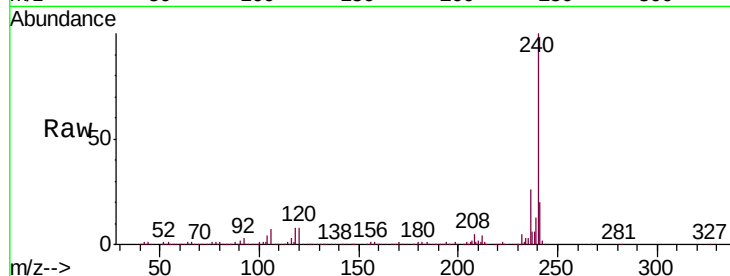




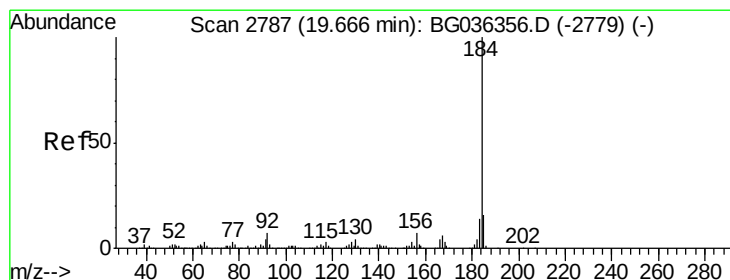
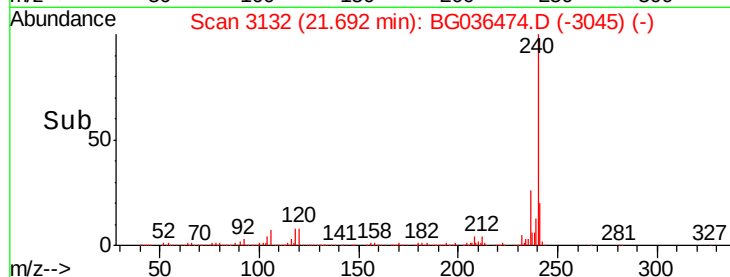
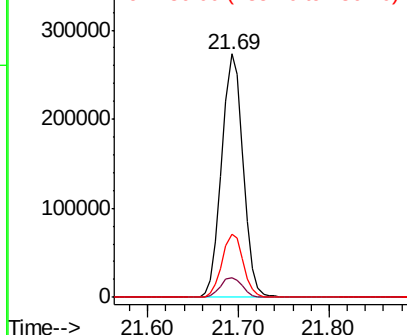
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036474.D
Acq: 29 Aug 2018 1:30

Instrument :
BNA_G
ClientSampleId :
TL-SPEEDY-DRY

Tgt Ion:240 Resp: 448813
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.0 21.2 31.8

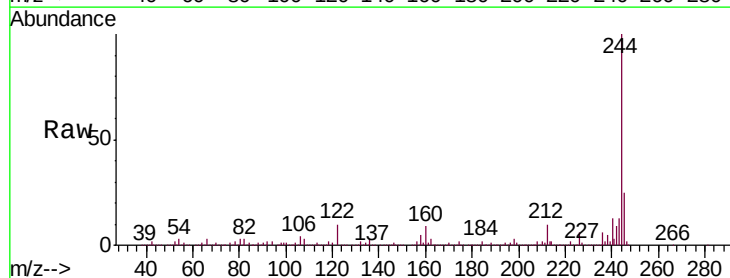


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

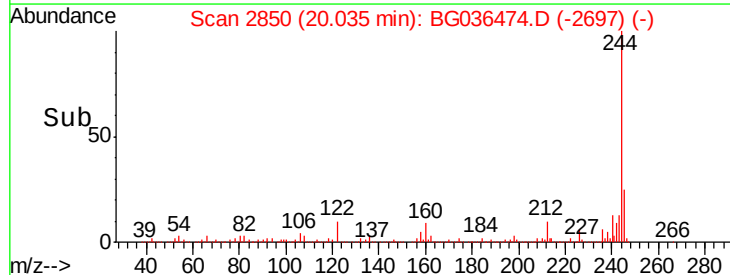
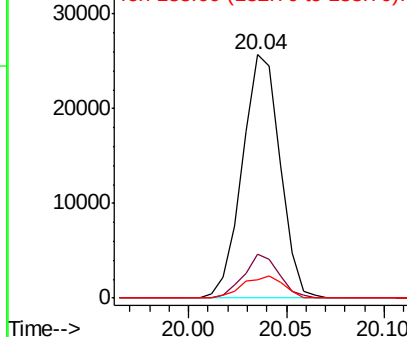


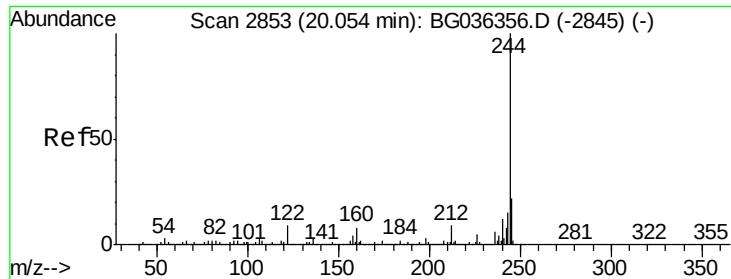
#76
Benzidine
Concen: 2.411 ng
RT: 20.04 min Scan# 2850
Delta R.T. 0.37 min
Lab File: BG036474.D
Acq: 29 Aug 2018 1:30

Tgt Ion:184 Resp: 34527
Ion Ratio Lower Upper
184 100
185 18.1 12.6 18.8
183 7.6 10.9 16.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

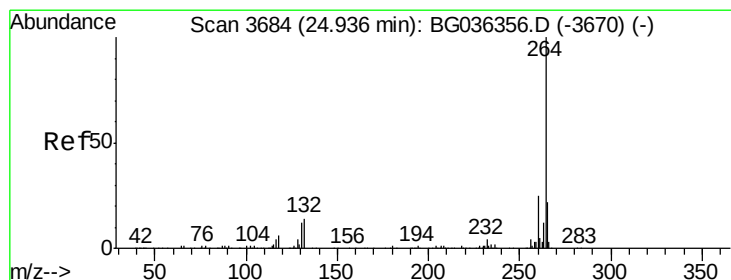
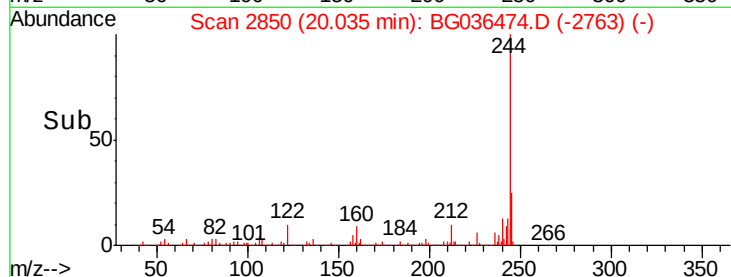
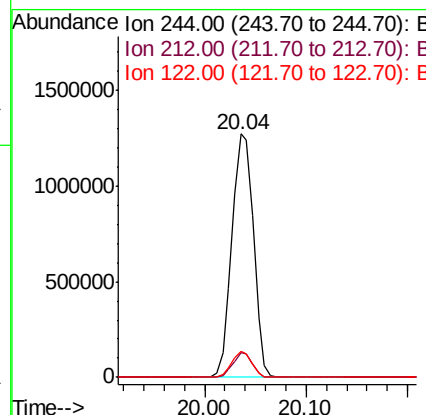
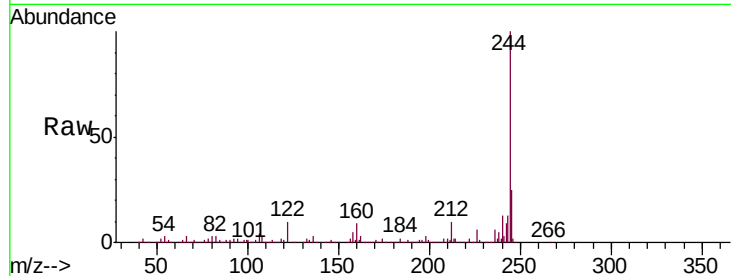




#78
 Terphenyl-d14
 Concen: 98.275 ng
 RT: 20.04 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :
 TL-SPEEDY-DRY

Tgt Ion:244 Resp: 1887056
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.0 10.6
 122 10.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.02 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Tgt Ion:264 Resp: 452012
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.9 17.4 26.0

