

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038106.D
 Acq On : 21 Nov 2018 5:56
 Operator : JU/SJ
 Sample : J6000-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-12072-11929

Quant Time: Nov 21 07:22:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

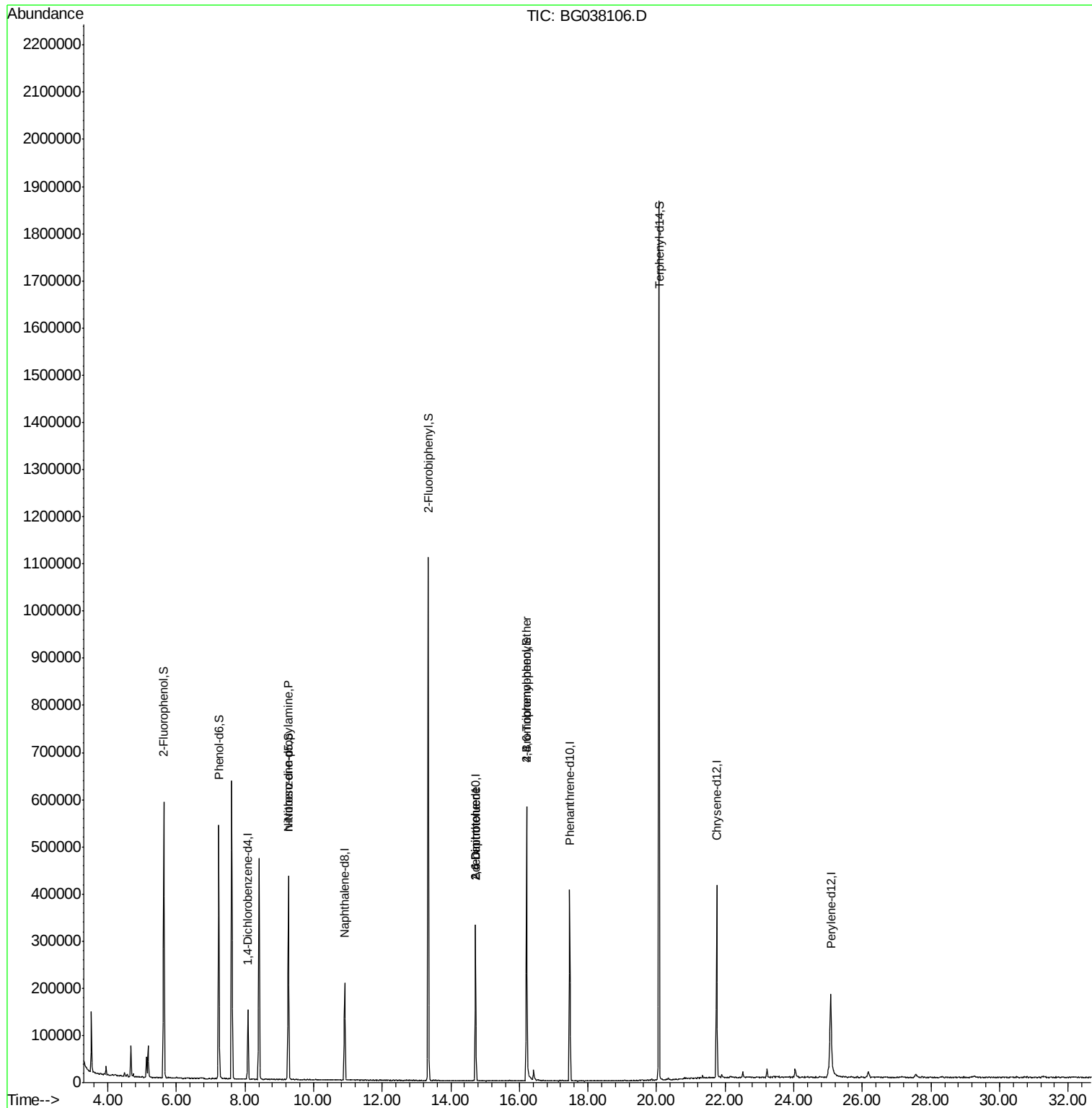
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42708	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	182958	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	115822	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	258934	20.00	ng	0.00
76) Chrysene-d12	21.75	240	251851	20.00	ng	0.00
87) Perylene-d12	25.08	264	243986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	267320	108.07	ng	0.00
7) Phenol-d6	7.23	99	333932	94.57	ng	0.00
23) Nitrobenzene-d5	9.27	82	276480	80.89	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	116544	88.23	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	604813	76.08	ng	0.00
79) Terphenyl-d14	20.07	244	934790	87.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	34274	13.415	ng	# 80
51) 2,6-Dinitrotoluene	14.72	165	15480	7.449	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15480	5.475	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	7827	2.754	ng	# 1

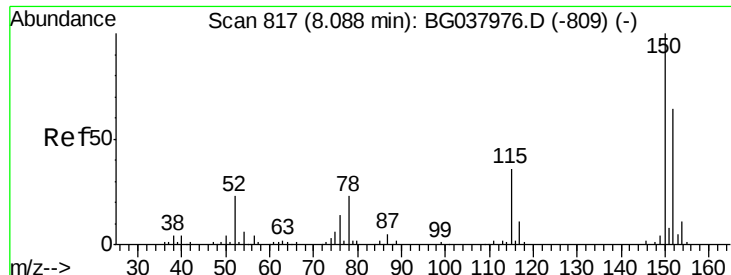
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : J6000-02  
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ALS Vial  : 24    Sample Multiplier: 1
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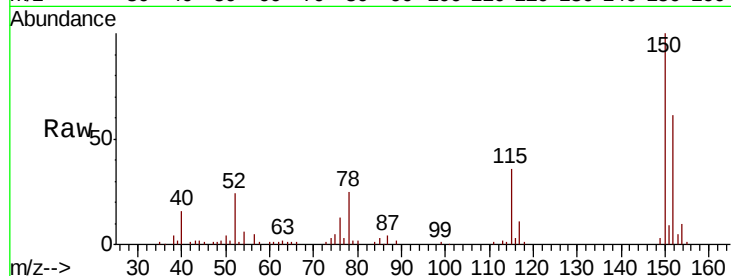




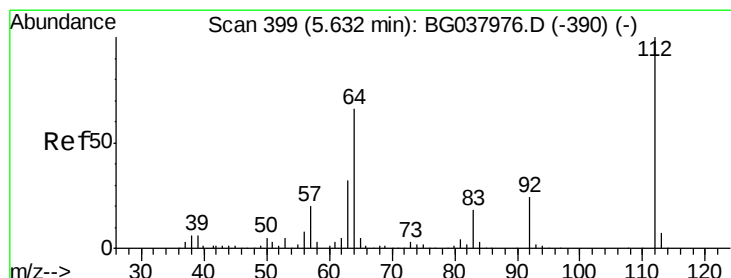
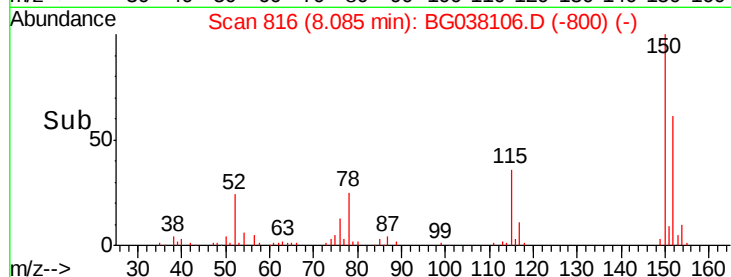
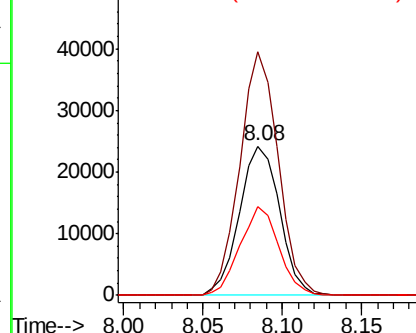
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038106.D
 Acq: 21 Nov 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 FS-12072-11929

Tgt Ion:152 Resp: 42708
 Ion Ratio Lower Upper
 152 100
 150 162.9 126.0 189.0
 115 59.0 45.5 68.3

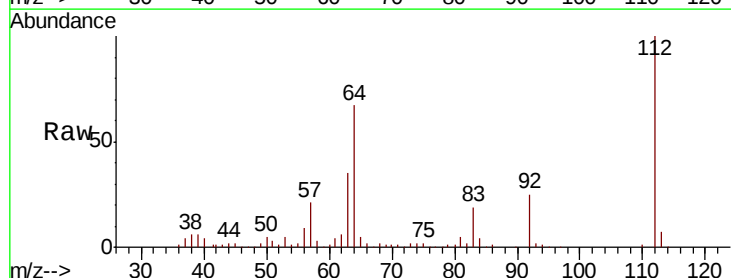


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

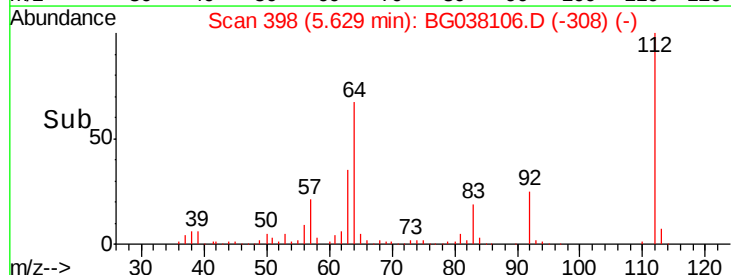
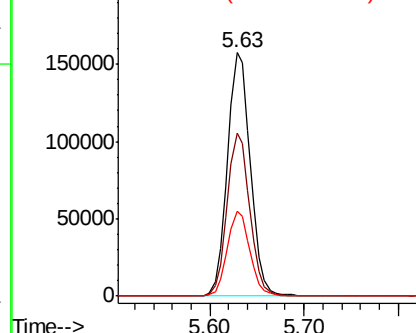


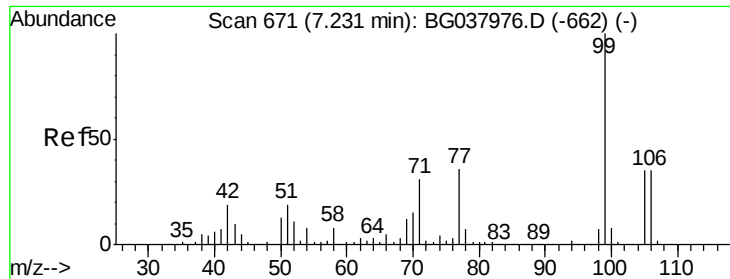
#5
 2-Fluorophenol
 Concen: 108.070 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038106.D
 Acq: 21 Nov 2018 5:56

Tgt Ion:112 Resp: 267320
 Ion Ratio Lower Upper
 112 100
 64 66.7 53.1 79.7
 63 35.0 27.3 40.9



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: 94.574 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038106.D

Acq: 21 Nov 2018 5:56

Instrument :

BNA_G

ClientSampleId :

FS-12072-11929

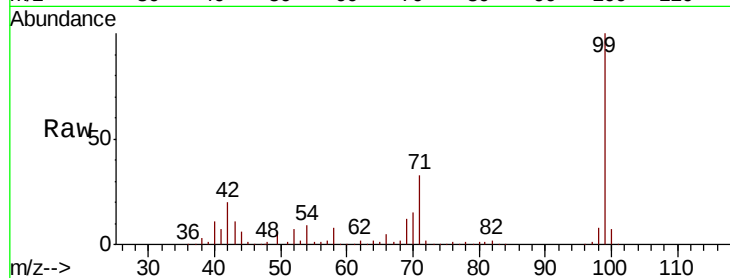
Tgt Ion: 99 Resp: 333932

Ion Ratio Lower Upper

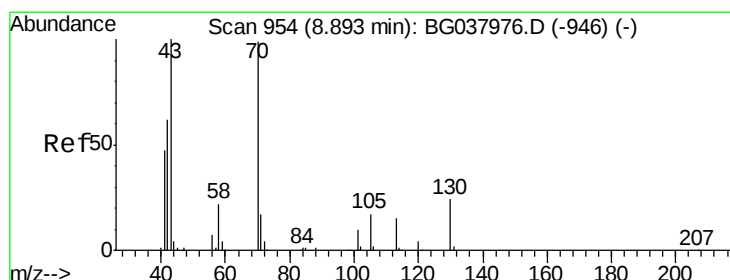
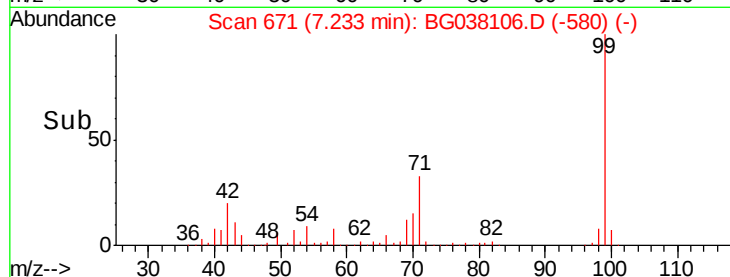
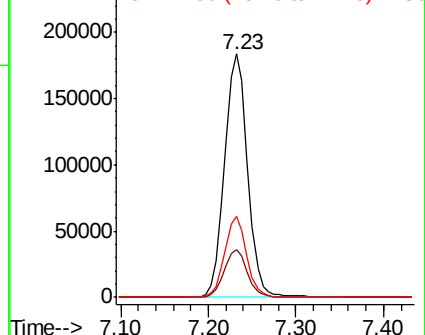
99 100

42 19.7 15.0 22.4

71 33.3 25.5 38.3



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: 13.415 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038106.D

Acq: 21 Nov 2018 5:56

Tgt Ion: 70 Resp: 34274

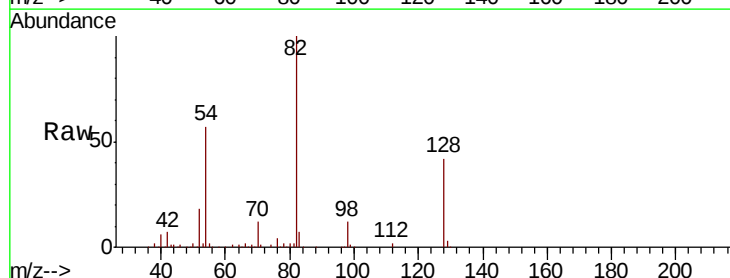
Ion Ratio Lower Upper

70 100

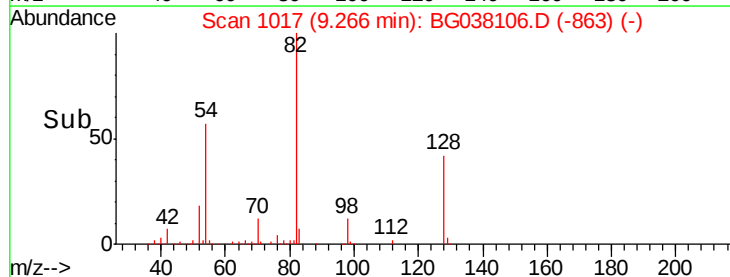
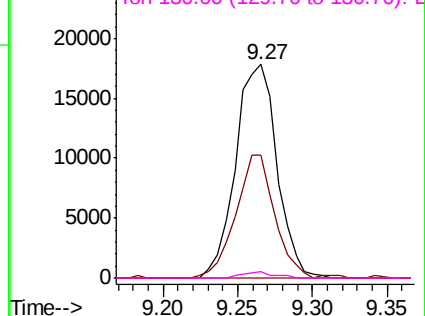
42 57.5 53.9 80.9

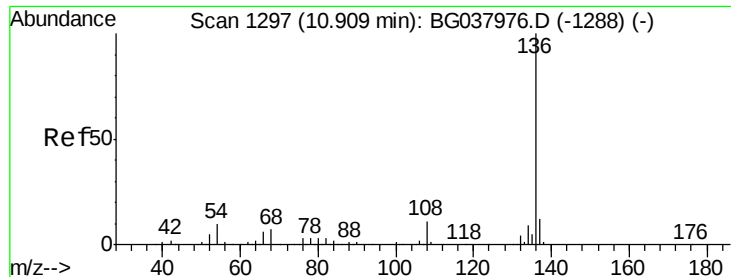
101 0.0 8.2 12.2#

130 3.1 18.2 27.4#



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

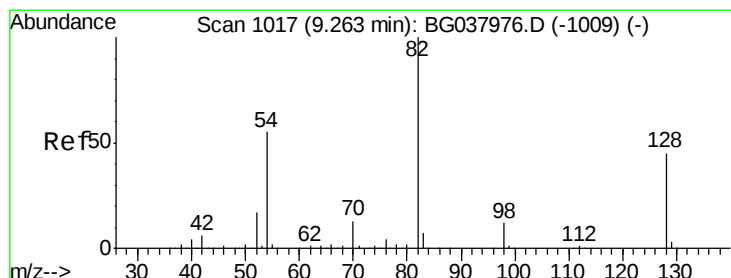
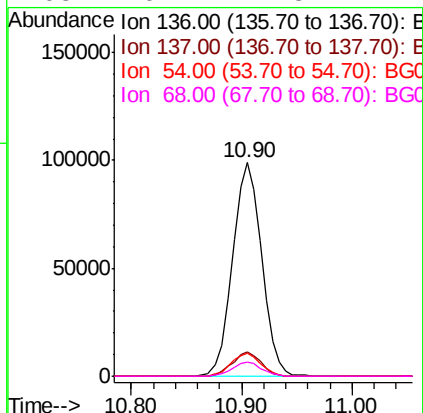
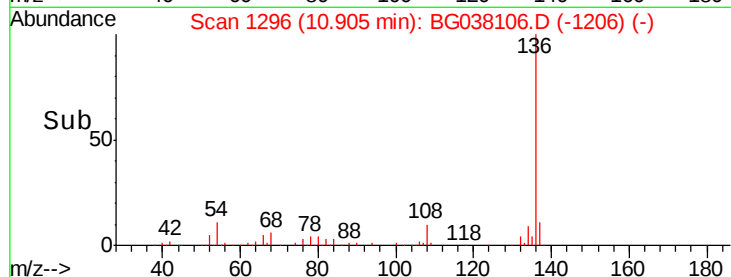
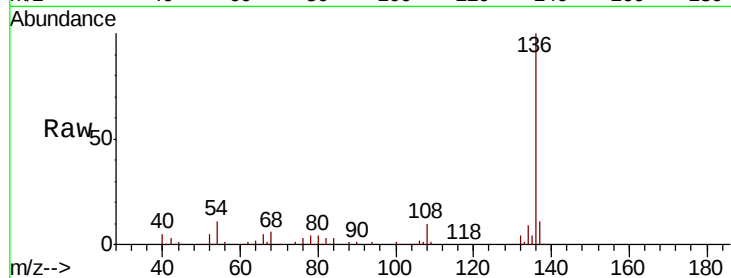




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038106.D
Acq: 21 Nov 2018 5:56

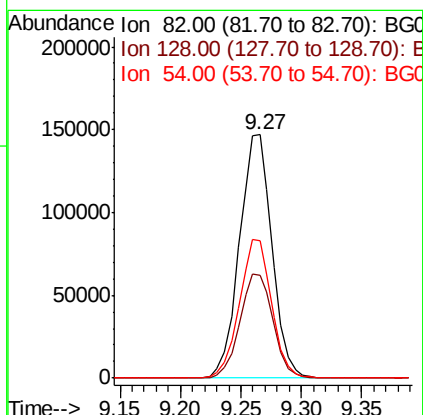
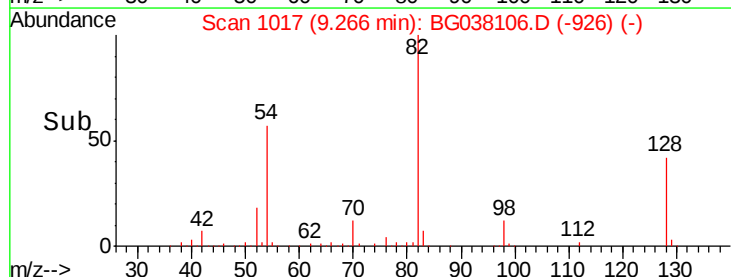
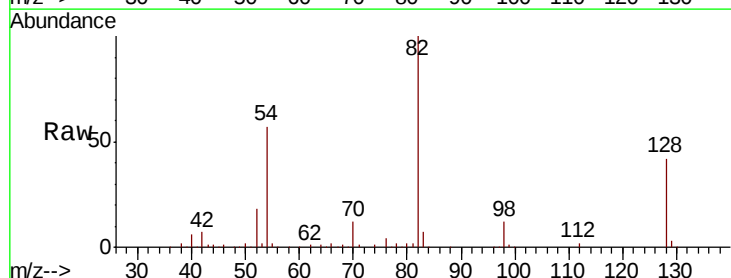
Instrument :
BNA_G
ClientSampleId :
FS-12072-11929

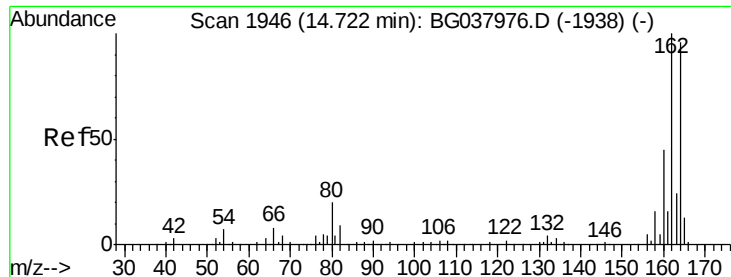
Tgt Ion:	136	Resp:	182958
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.5	7.9	11.9
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.893 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038106.D
Acq: 21 Nov 2018 5:56

Tgt Ion:	82	Resp:	276480
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	56.5	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038106.D

Acq: 21 Nov 2018 5:56

Instrument :

BNA_G

ClientSampleId :

FS-12072-11929

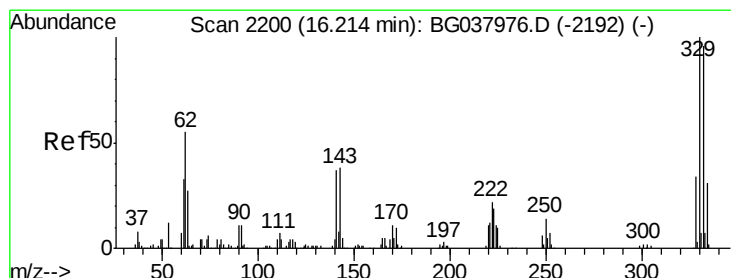
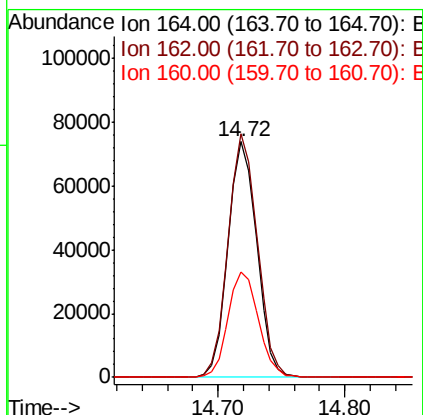
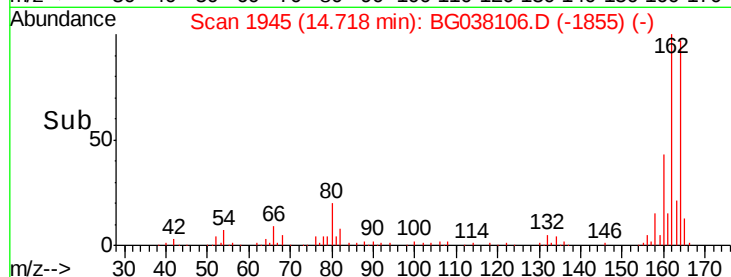
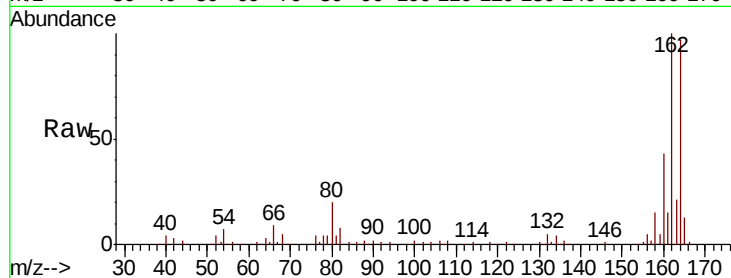
Tgt Ion:164 Resp: 115822

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

160 44.5 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 88.229 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038106.D

Acq: 21 Nov 2018 5:56

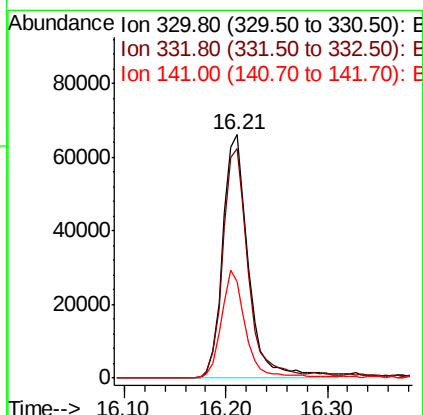
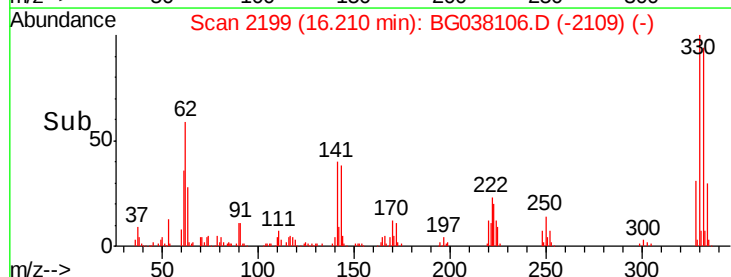
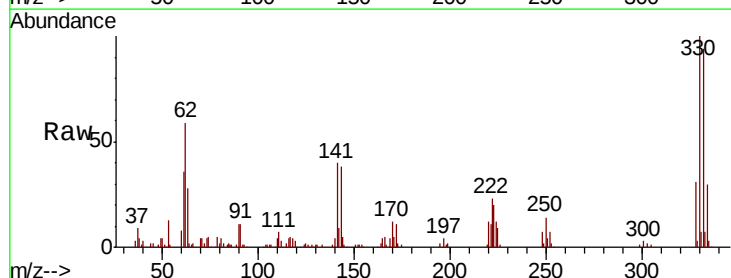
Tgt Ion:330 Resp: 116544

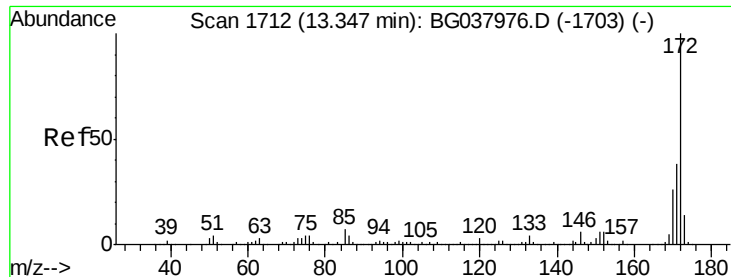
Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

141 41.9 32.2 48.2

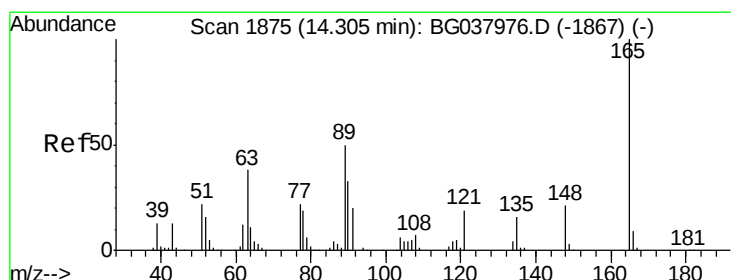
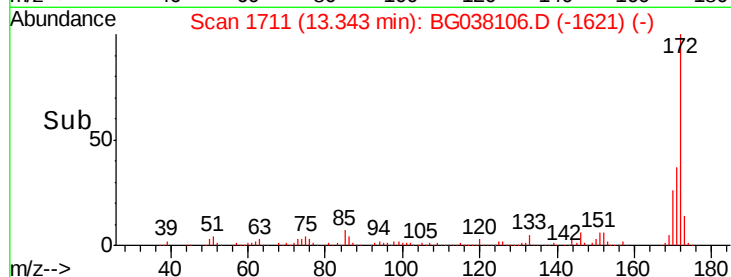
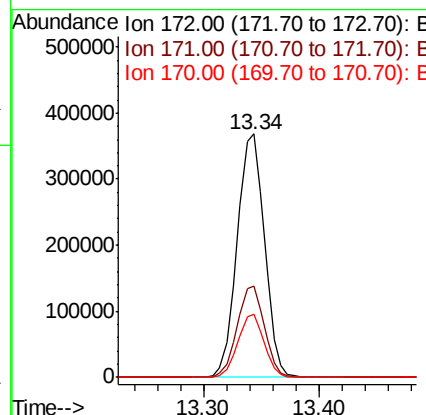
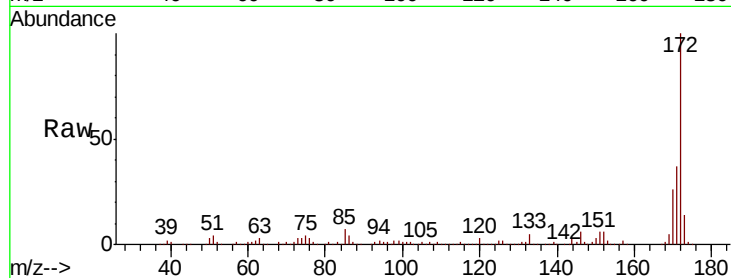




#45
 2-Fluorobiphenyl
 Concen: 76.076 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038106.D
 Acq: 21 Nov 2018 5:56

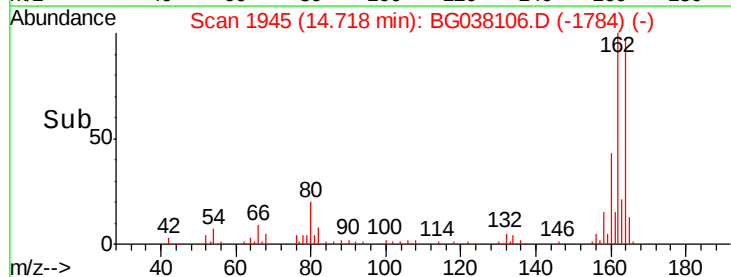
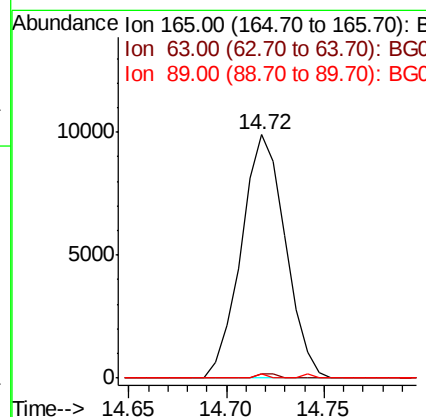
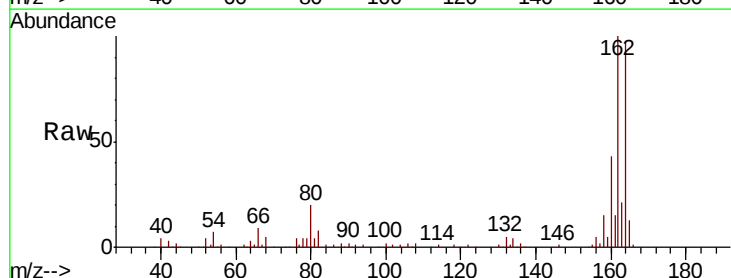
Instrument :
 BNA_G
 ClientSampleId :
 FS-12072-11929

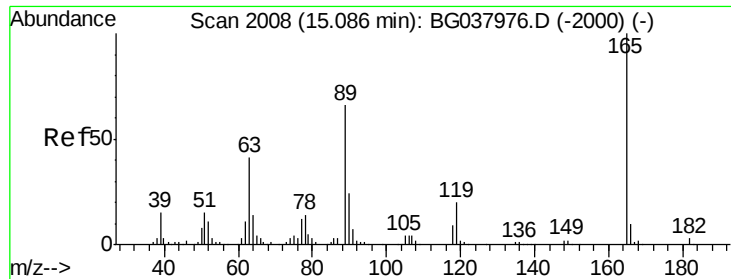
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.7	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.449 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038106.D
 Acq: 21 Nov 2018 5:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	1.8	45.8	68.6#

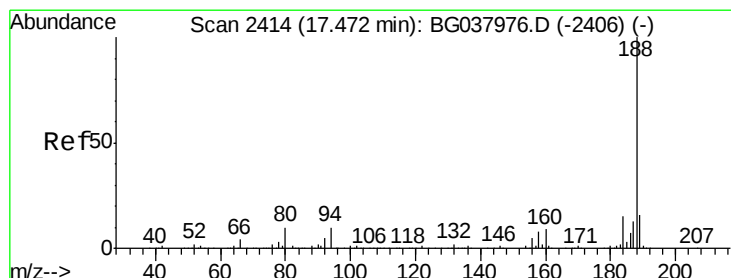
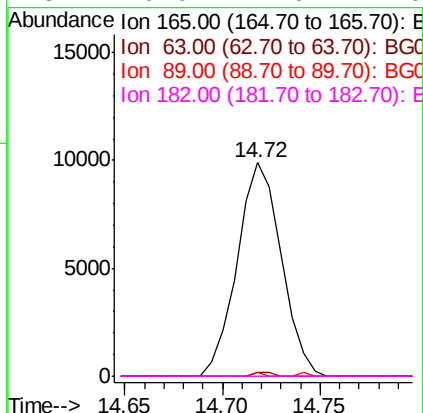
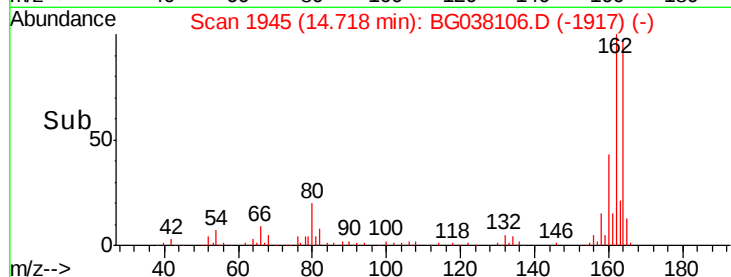
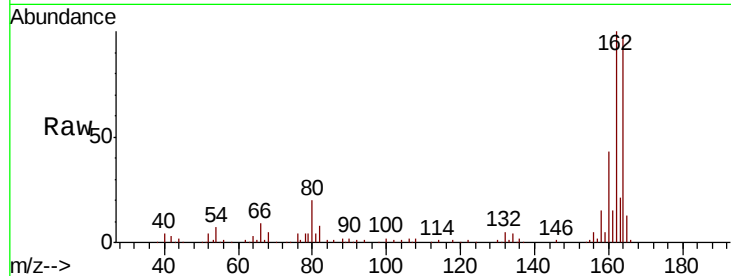




#57
 2,4-Dinitrotoluene
 Concen: 5.475 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038106.D
 Acq: 21 Nov 2018 5:56

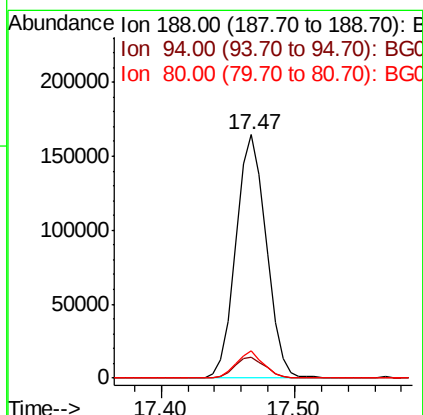
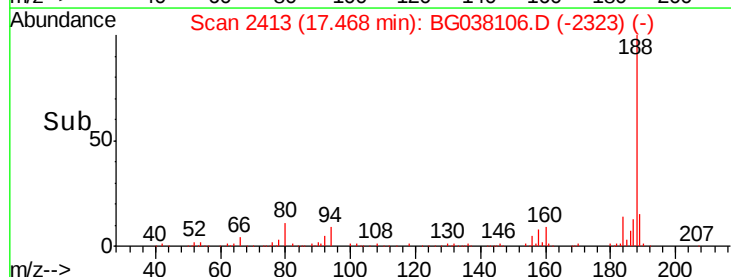
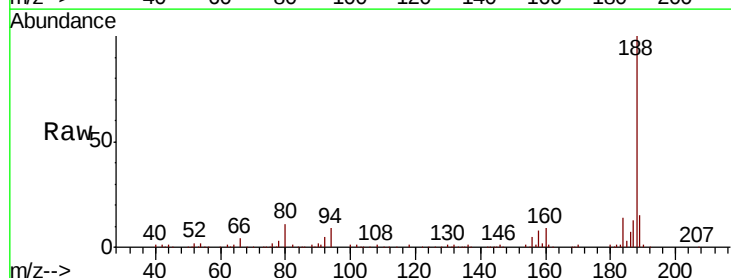
Instrument :
 BNA_G
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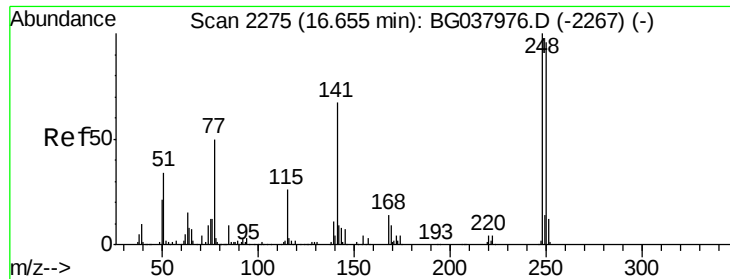
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038106.D
 Acq: 21 Nov 2018 5:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	11.1	7.7	11.5

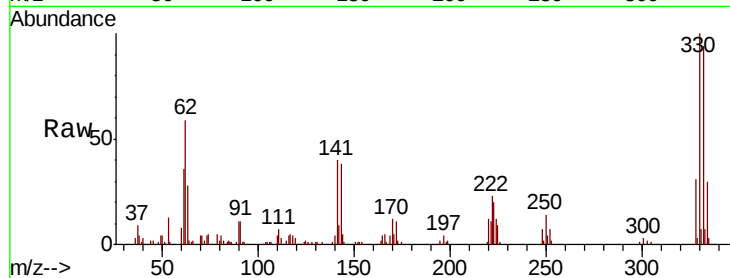




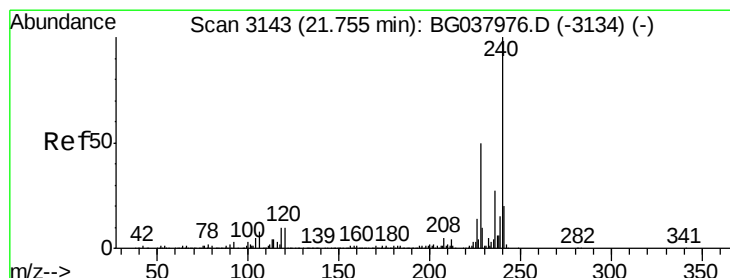
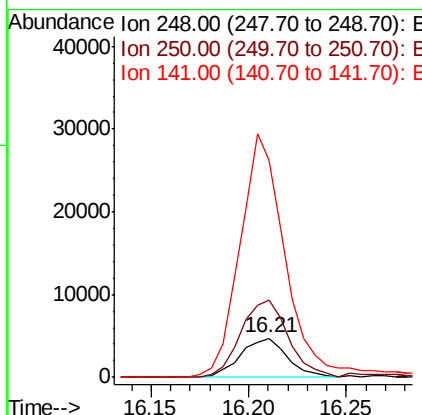
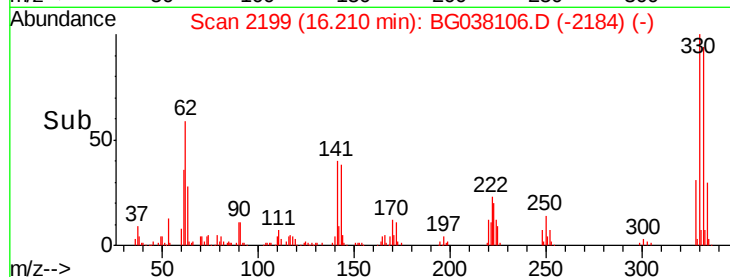
#67
 4-Bromophenyl-phenylether
 Concen: 2.754 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038106.D
 Acq: 21 Nov 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 FS-12072-11929

Tgt Ion:248 Resp: 7827
 Ion Ratio Lower Upper
 248 100
 250 200.7 77.0 115.6#
 141 435.2 55.5 83.3#

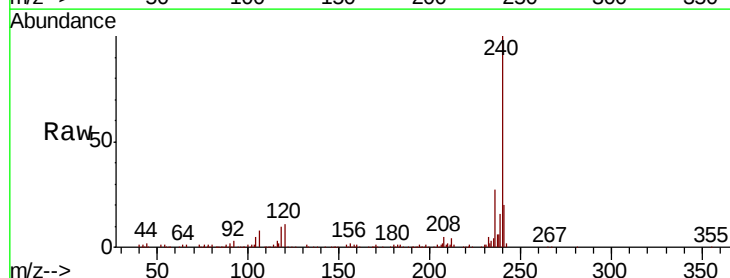


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

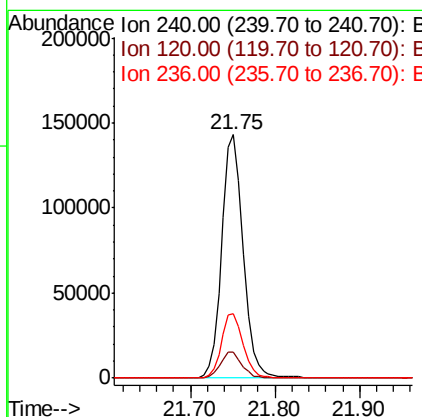
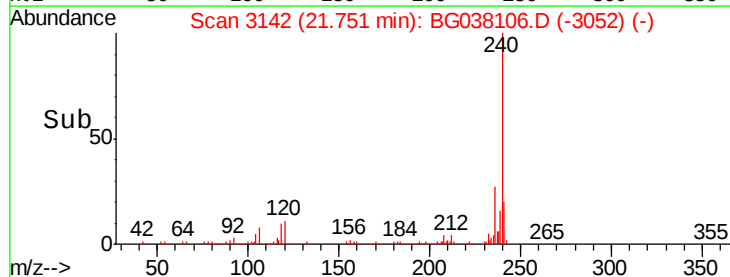


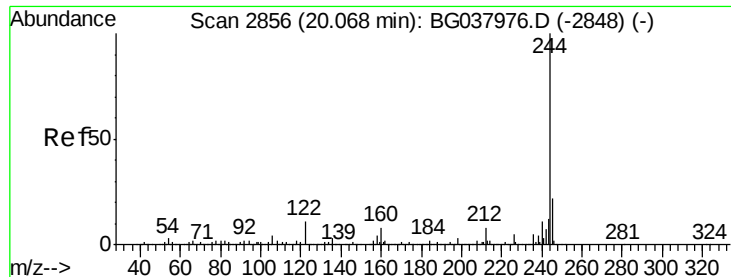
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038106.D
 Acq: 21 Nov 2018 5:56

Tgt Ion:240 Resp: 251851
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.1 12.1
 236 26.5 21.4 32.0



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





#79

Terphenyl-d14

Concen: 87.336 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038106.D

Acq: 21 Nov 2018 5:56

Instrument :

BNA_G

ClientSampleId :

FS-12072-11929

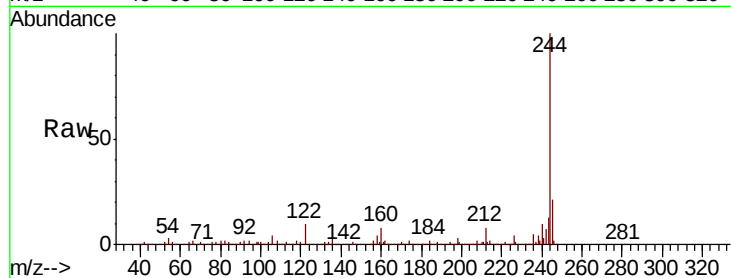
Tgt Ion:244 Resp: 934790

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

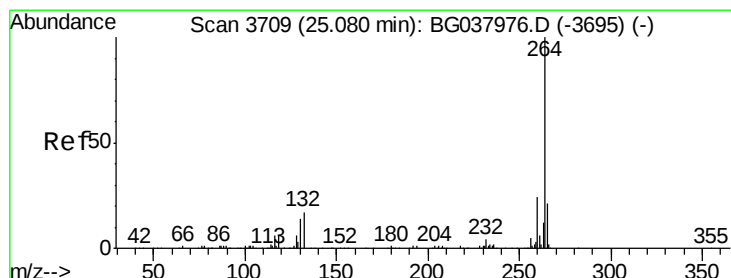
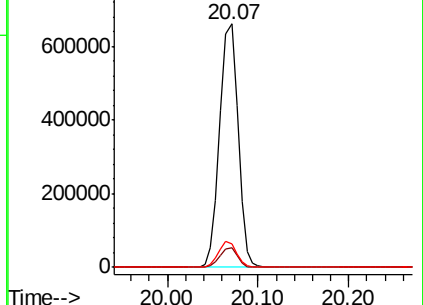
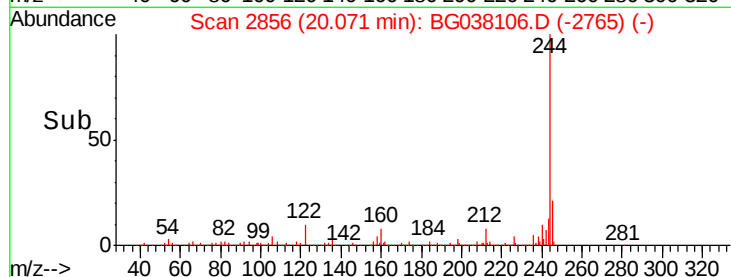
122 9.7 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

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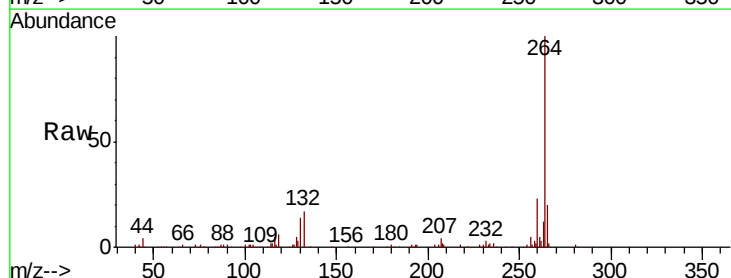
Tgt Ion:264 Resp: 243986

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.1 17.9 26.9



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

