

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038168.D
 Acq On : 27 Nov 2018 15:40
 Operator : JU/SJ
 Sample : PB115084BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 16:16:12 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

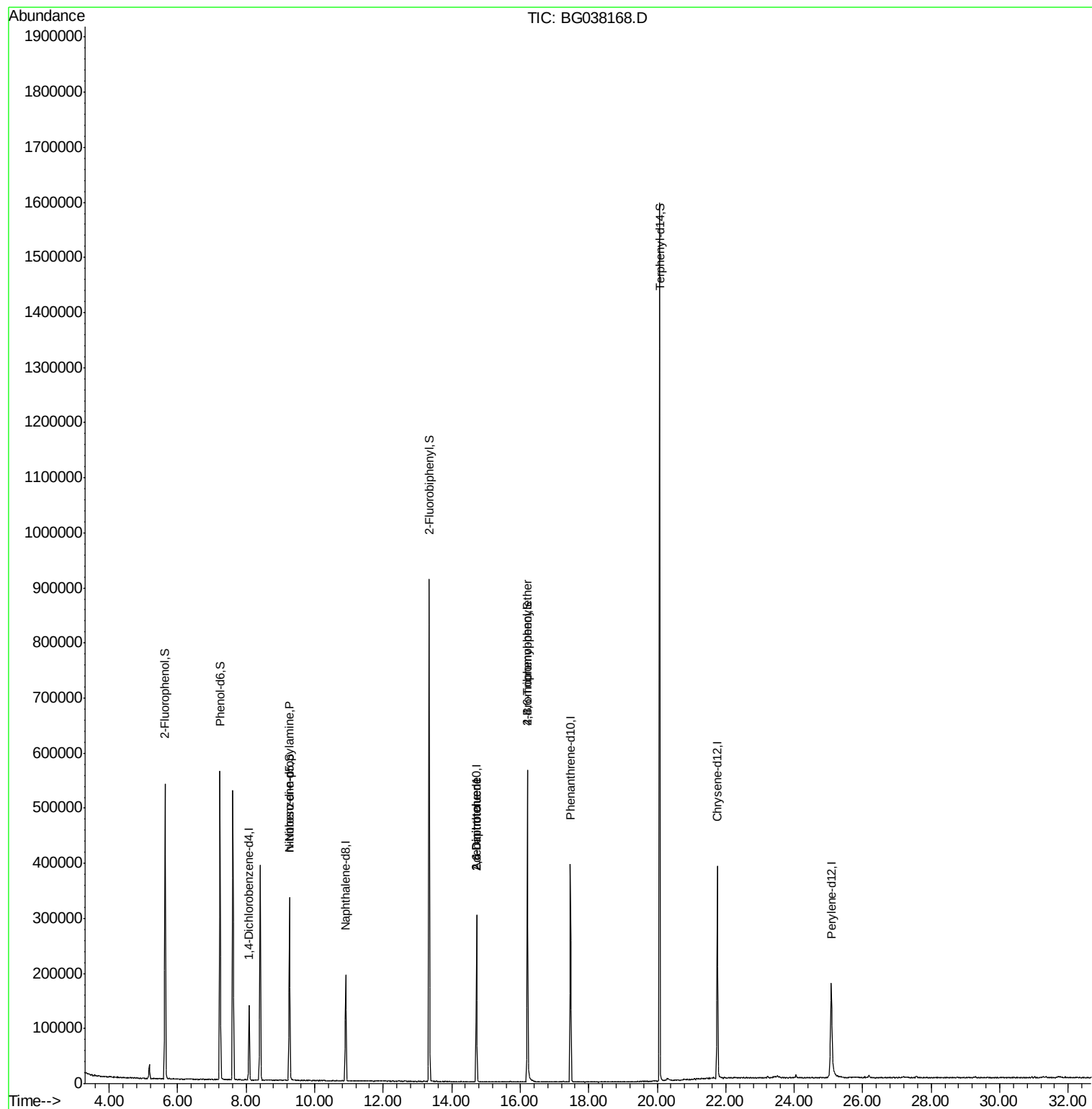
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38647	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	169424	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108467	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	256021	20.00	ng	0.00
76) Chrysene-d12	21.76	240	246716	20.00	ng	0.00
87) Perylene-d12	25.08	264	230595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	239854	107.16	ng	0.00
7) Phenol-d6	7.23	99	338955	106.08	ng	0.00
23) Nitrobenzene-d5	9.26	82	210588	66.54	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	109544	88.55	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	489374	65.73	ng	0.00
79) Terphenyl-d14	20.07	244	755565	72.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	26929	11.648	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	14006	7.197	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14006	5.289	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	7401	2.634	ng	# 1

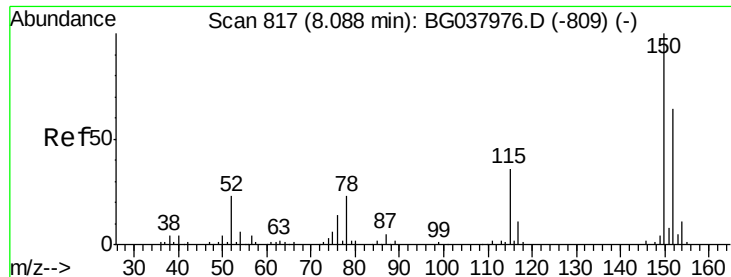
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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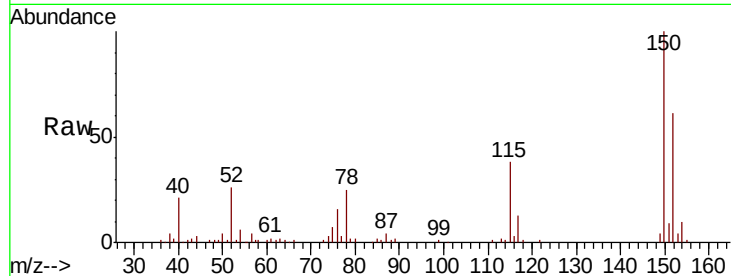


#1

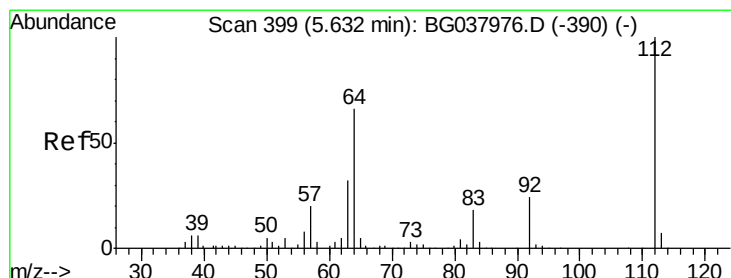
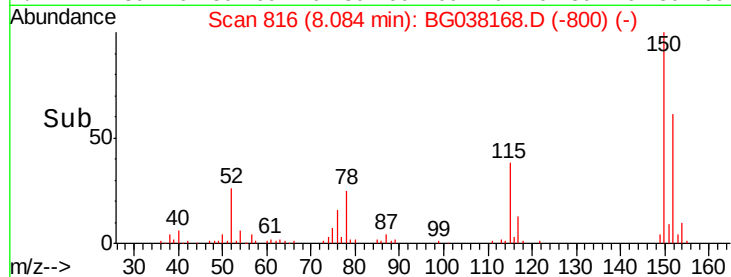
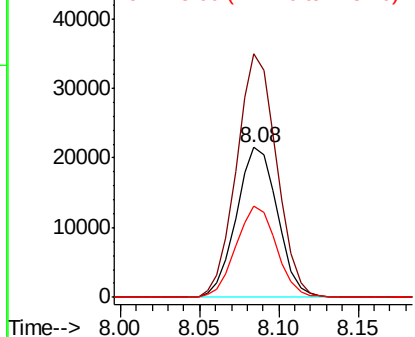
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038168.D
Acq: 27 Nov 2018 15:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 38647
Ion Ratio Lower Upper
152 100
150 162.8 126.0 189.0
115 61.1 45.5 68.3



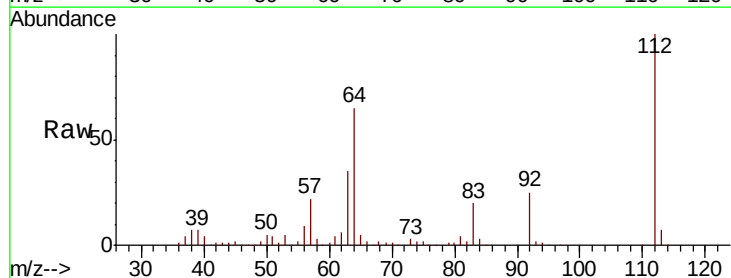
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



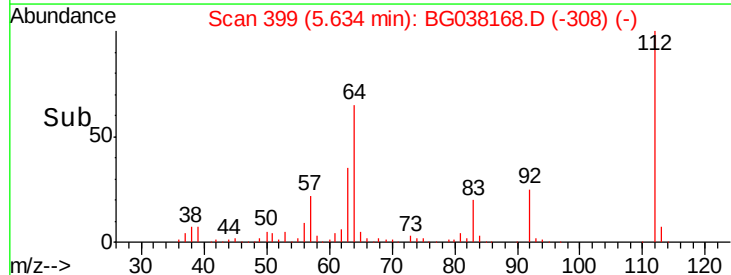
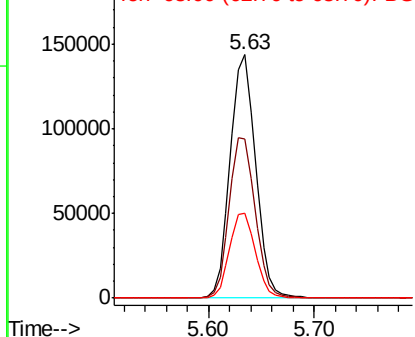
#5

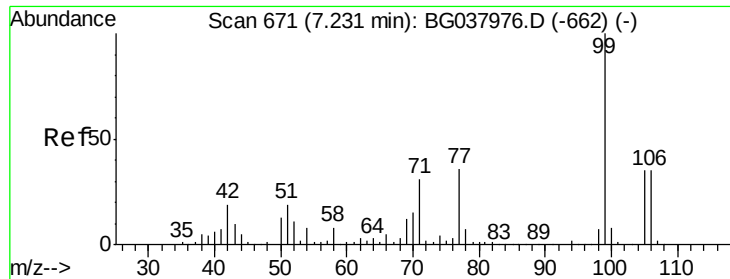
2-Fluorophenol
Concen: 107.155 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038168.D
Acq: 27 Nov 2018 15:40

Tgt Ion:112 Resp: 239854
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 34.7 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: 106.084 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

Instrument :

BNA_F

ClientSampled :

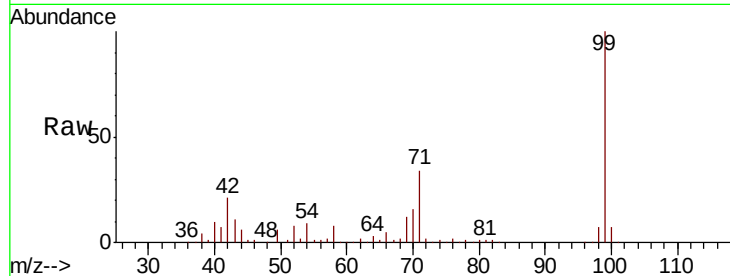
Tot Ion: 99 Resp: 338955

Ion Ratio Lower Upper

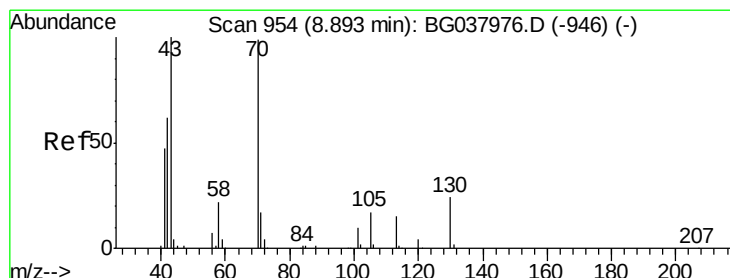
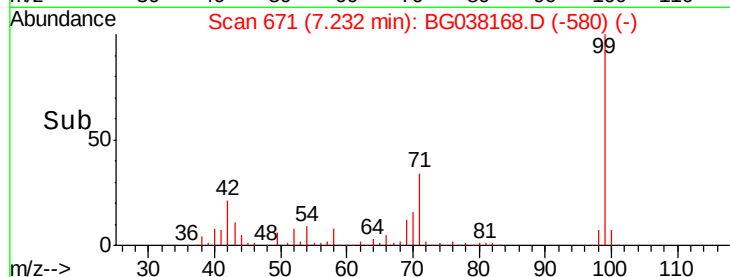
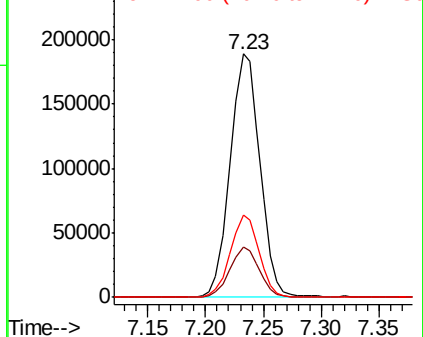
99 100

42 20.5 15.0 22.4

71 33.7 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: 11.648 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

Tgt Ion: 70 Resp: 26929

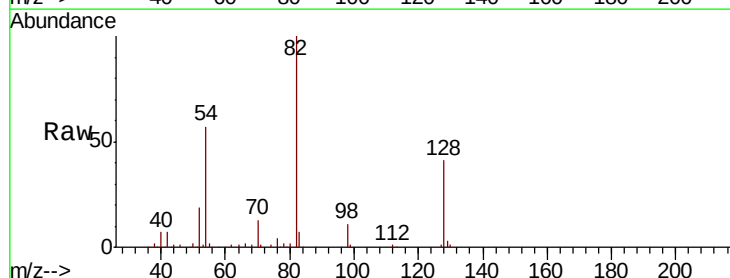
Ion Ratio Lower Upper

70 100

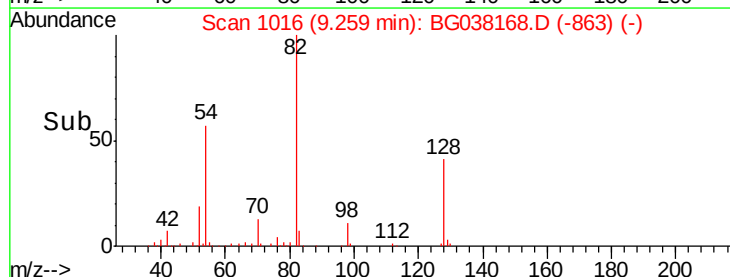
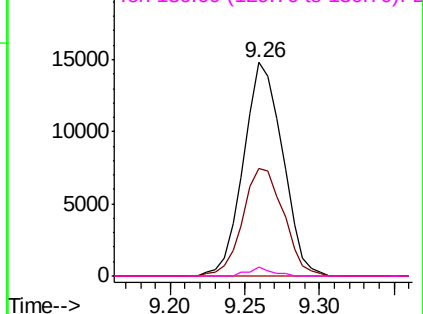
42 50.1 53.9 80.9#

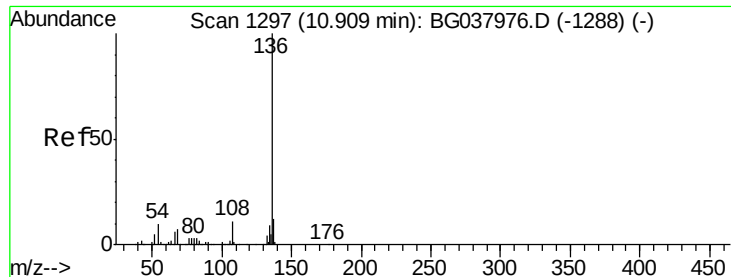
101 0.0 8.2 12.2#

130 4.2 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

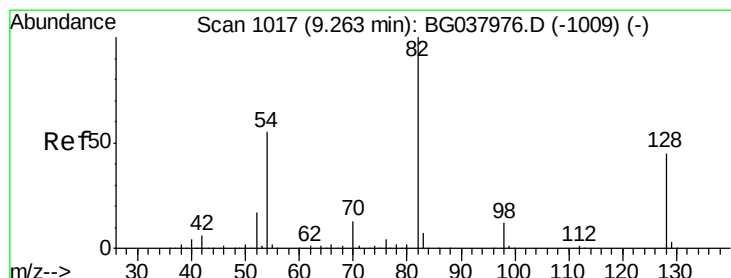
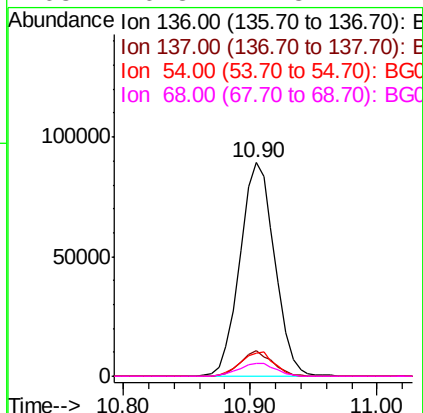
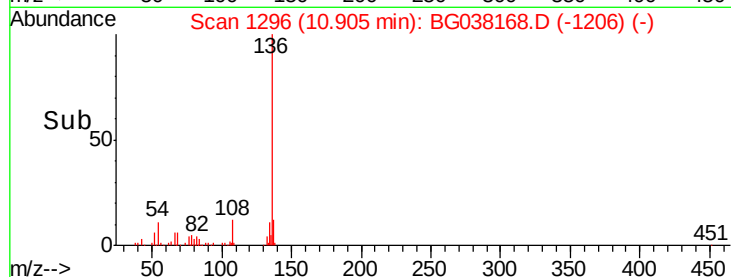
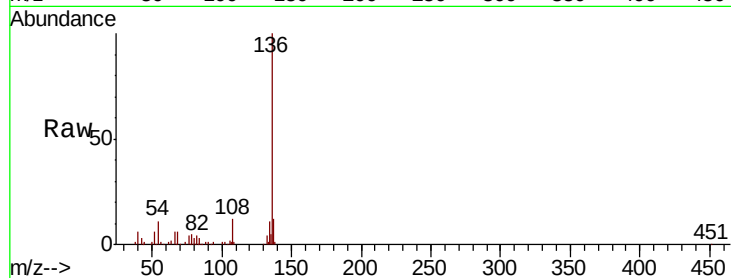




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038168.D
Acq: 27 Nov 2018 15:40

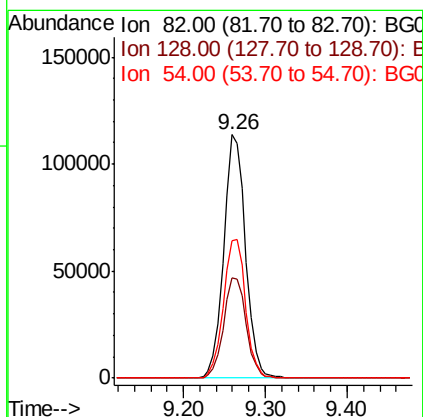
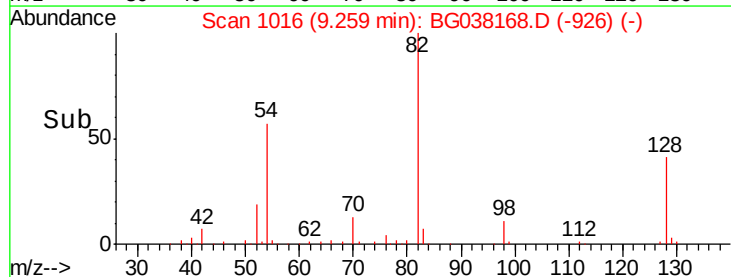
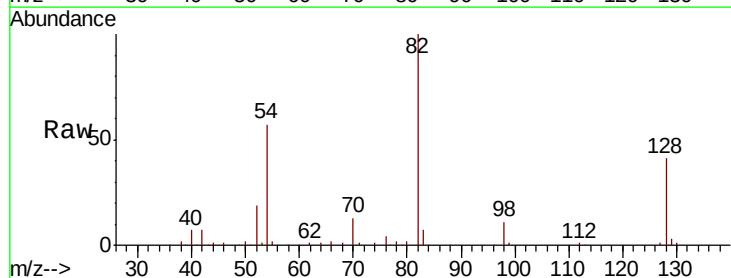
Instrument :
BNA_F
ClientSampled :

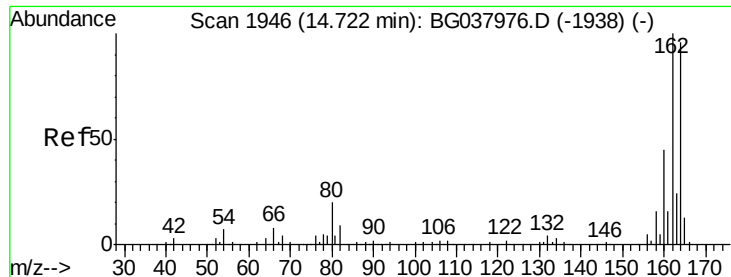
Tot Ion:136	Resp:	169424	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	9.6	14.4	
54 11.1	7.9	11.9	
68 6.3	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 66.536 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038168.D
Acq: 27 Nov 2018 15:40

Tgt	Ion: 82	Resp:	210588
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	51.8
54	56.6	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

Instrument :

BNA_F

ClientSampleId :

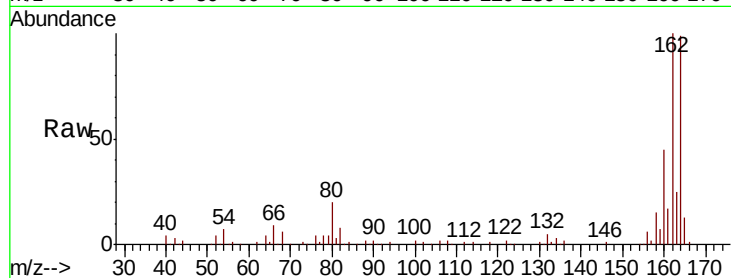
Tot Ion:164 Resp: 108467

Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

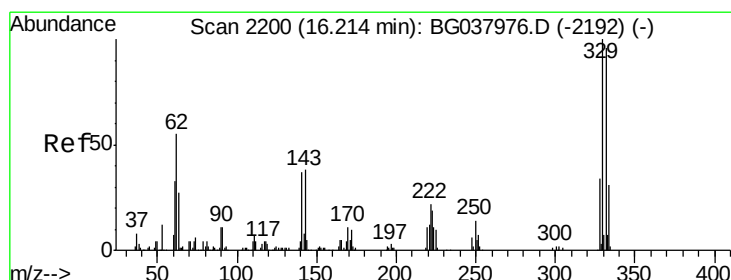
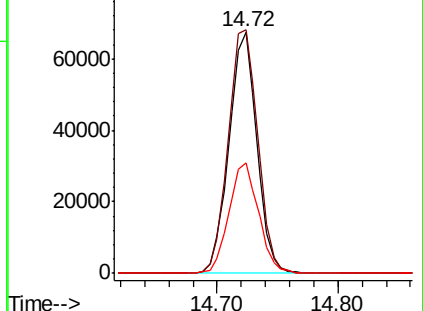
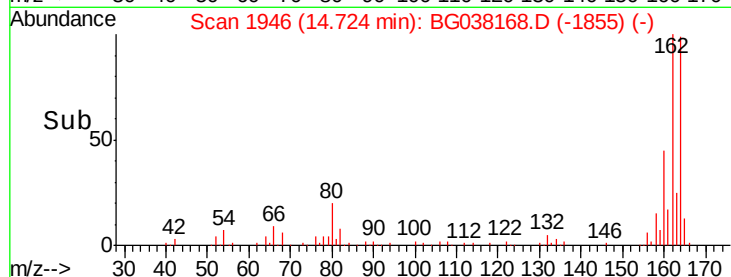
160 45.6 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 88.553 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

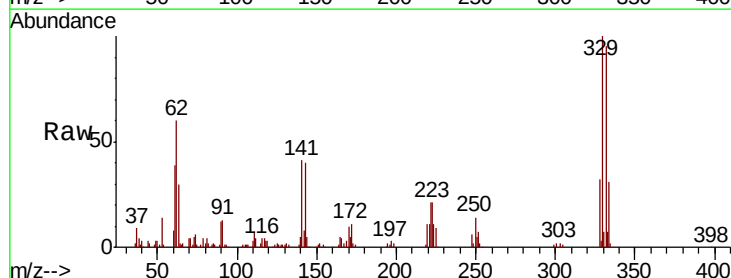
Tgt Ion:330 Resp: 109544

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

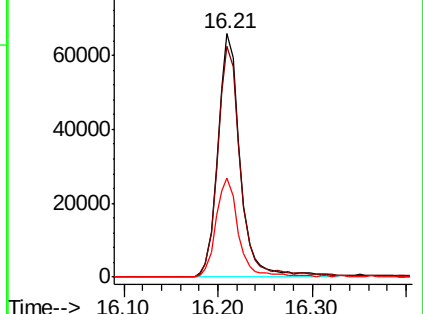
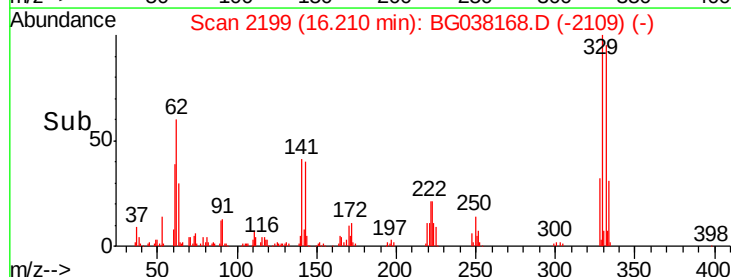
141 41.2 32.2 48.2

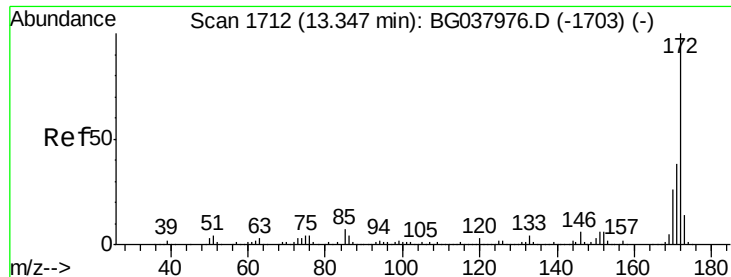


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

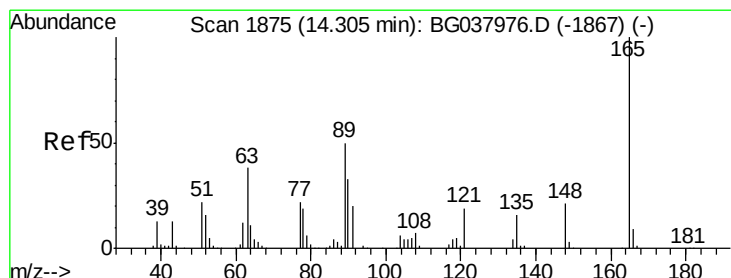
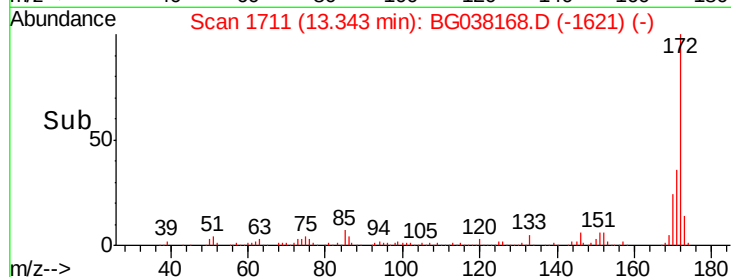
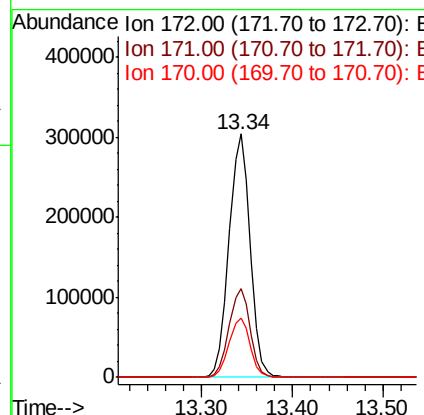
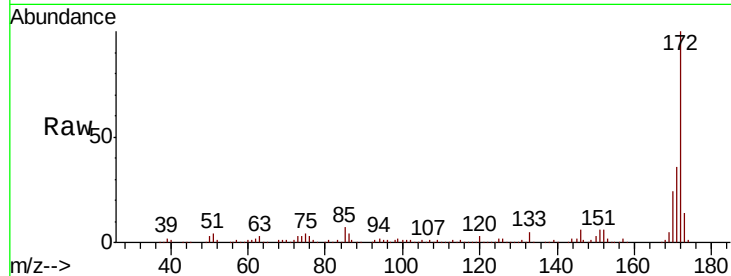




#45
 2-Fluorobiphenyl
 Concen: 65.729 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

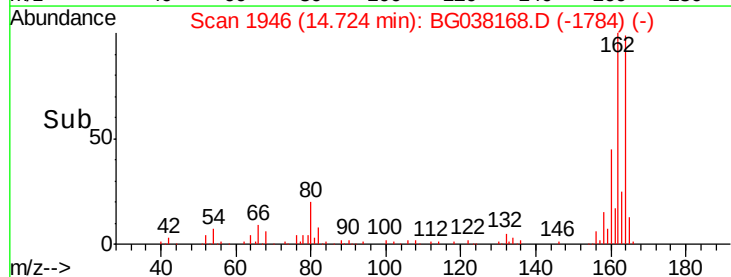
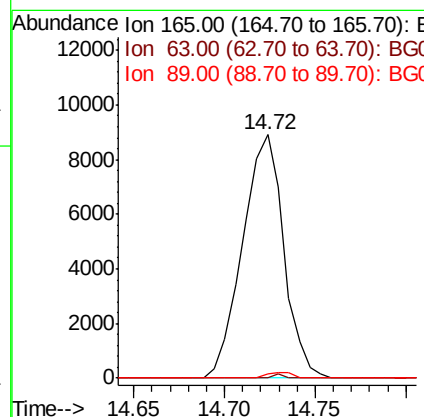
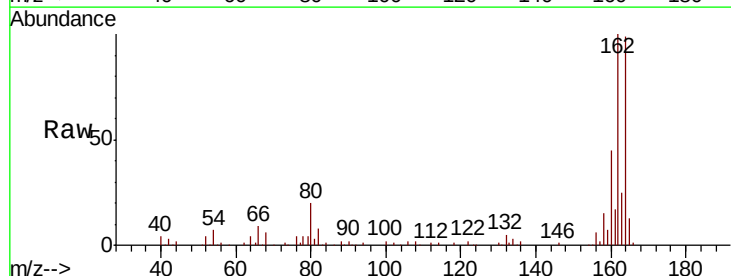
Instrument :
 BNA_F
 ClientSampleId :

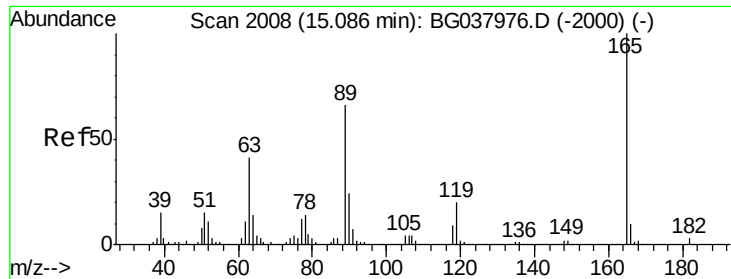
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.0	46.4
170	24.2	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.197 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.0	45.8	68.6#

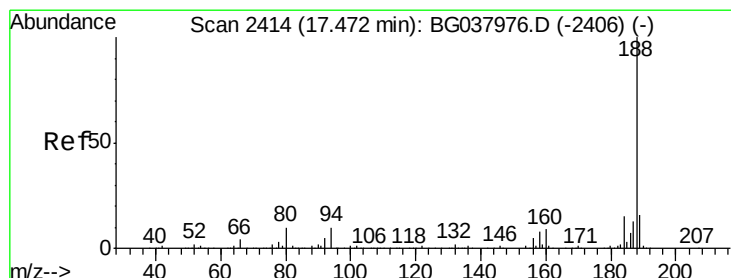
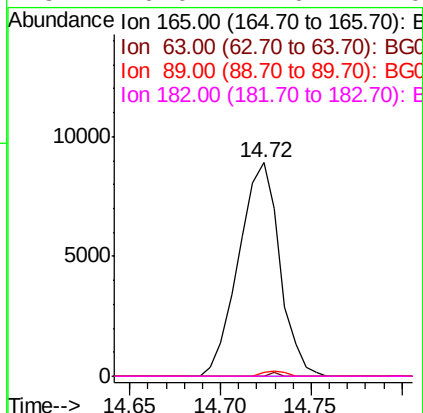
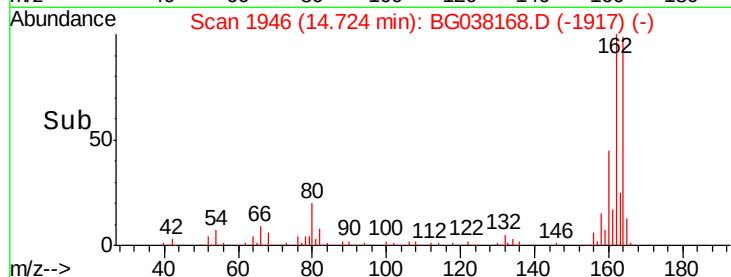
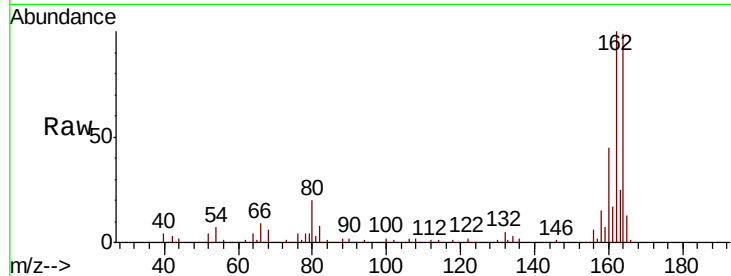




#57
 2,4-Dinitrotoluene
 Concen: 5.289 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

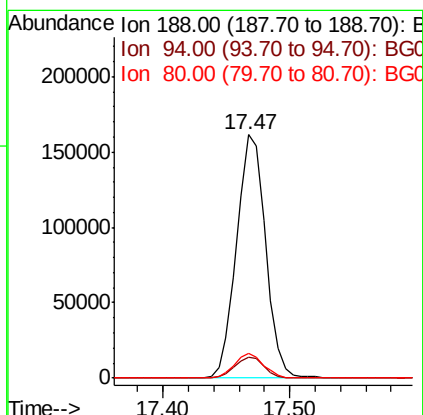
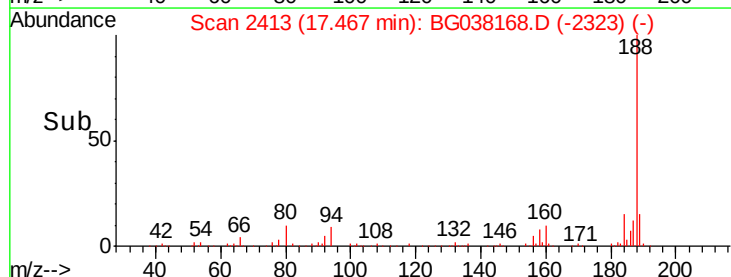
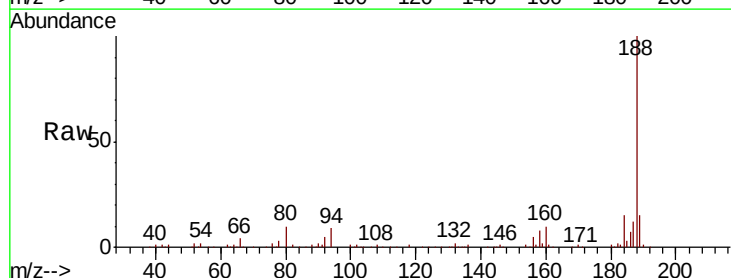
Instrument :
 BNA_F
 ClientSampled :

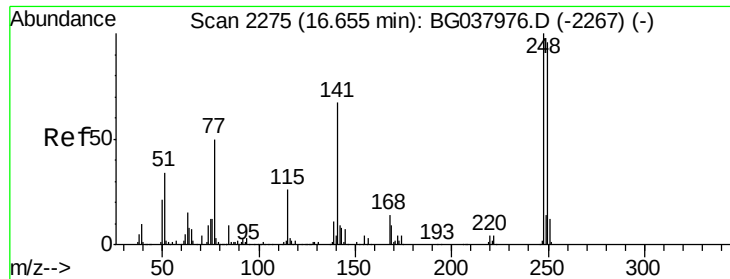
Tot Ion:165	Resp:	14006
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	2.0	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

Tgt Ion:188	Resp:	256021
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.2 10.8
80	9.9	7.7 11.5

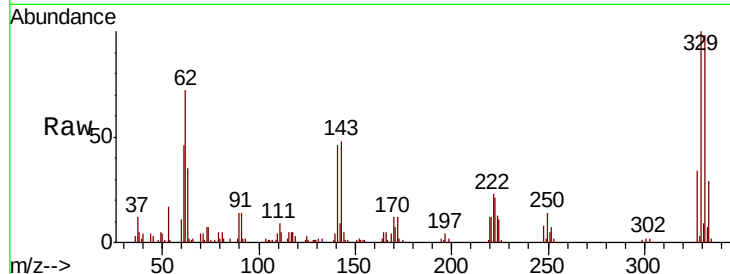




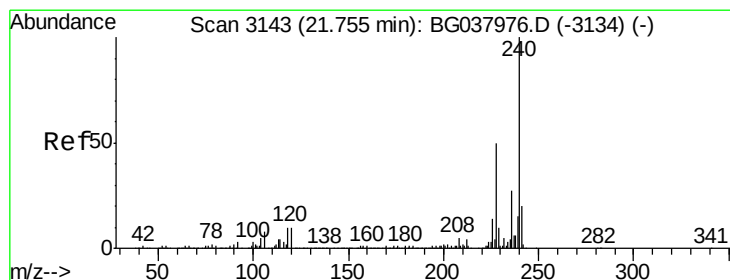
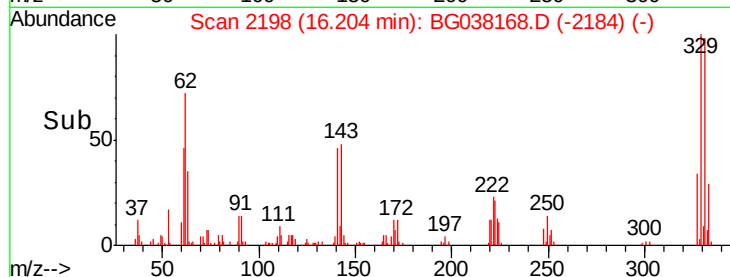
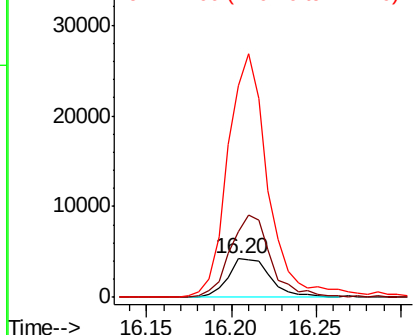
#67
 4-Bromophenyl-phenylether
 Concen: 2.634 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7401
 Ion Ratio Lower Upper
 248 100
 250 180.3 77.0 115.6#
 141 442.0 55.5 83.3#

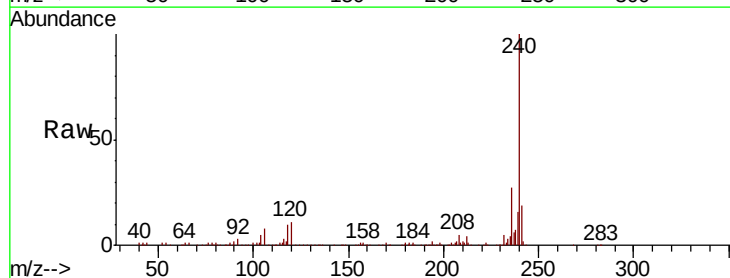


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

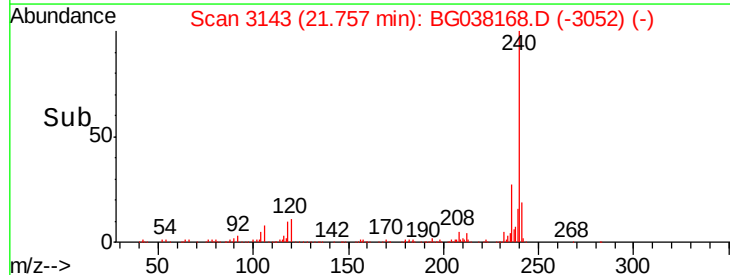
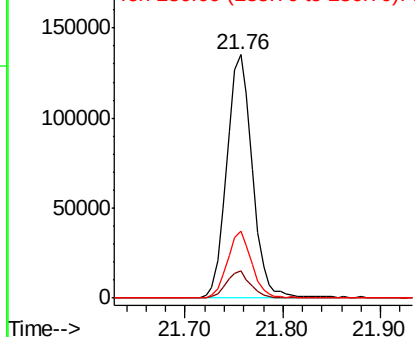


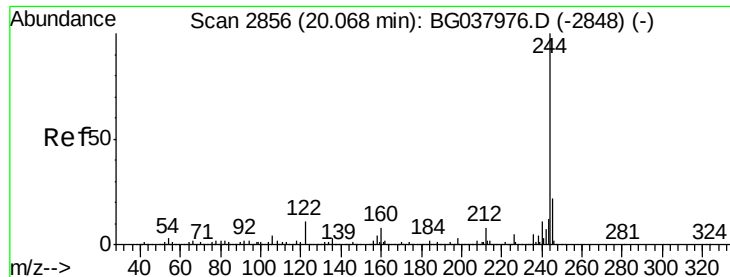
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

Tgt Ion:240 Resp: 246716
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 27.4 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: 72.061 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

Instrument :

BNA_F

ClientSampleId :

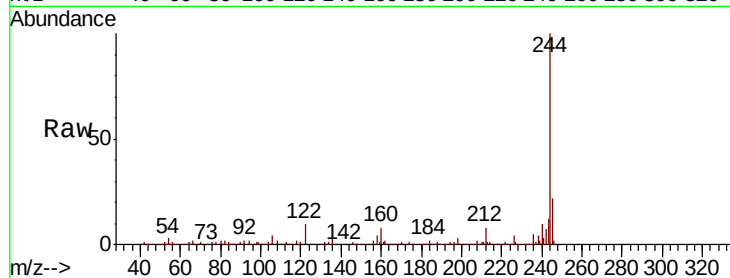
Tot Ion:244 Resp: 755565

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

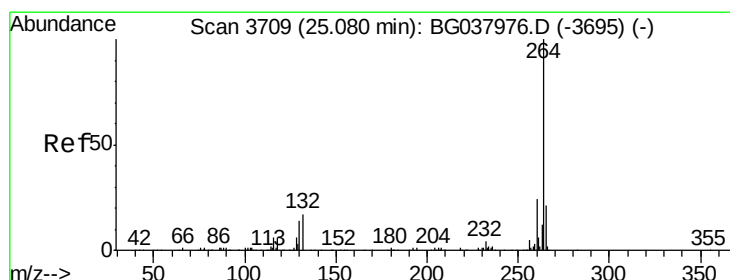
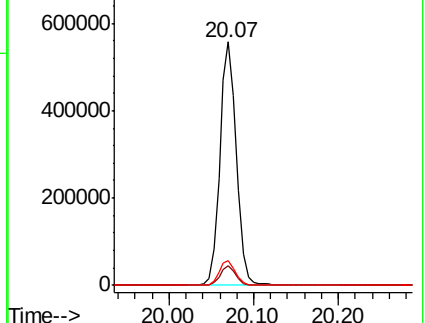
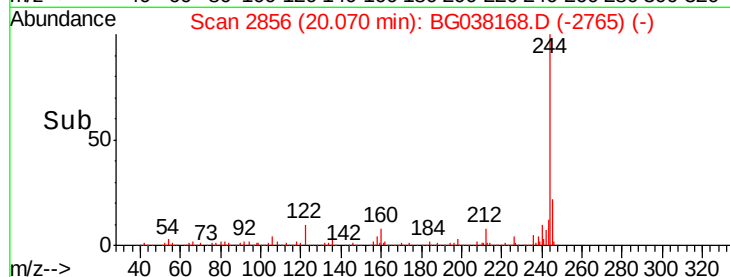
122 10.3 9.0 13.4



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# 3709

Delta R.T. 0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

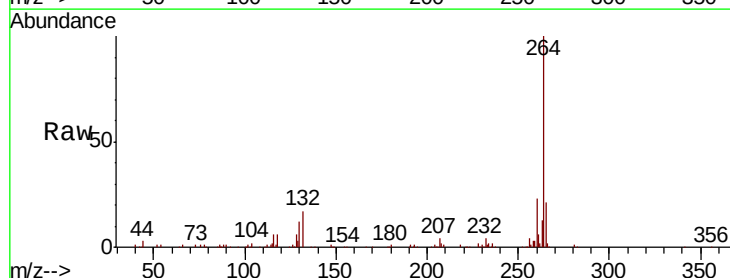
Tgt Ion:264 Resp: 230595

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.4 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

