

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
 Data File : BG037306.D
 Acq On : 13 Oct 2018 00:53
 Operator : JU/SJ
 Sample : J5371-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-S

Quant Time: Oct 13 04:15:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56013	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	235968	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	159990	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	417890	20.00	ng	0.00
76) Chrysene-d12	21.78	240	407189	20.00	ng	-0.02
87) Perylene-d12	25.13	264	407961	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	134374	42.22	ng	0.00
7) Phenol-d6	7.25	99	116275	24.07	ng	0.00
23) Nitrobenzene-d5	9.30	82	379850	105.83	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	164235	104.67	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	937205	87.97	ng	0.00
79) Terphenyl-d14	20.10	244	1668499	86.04	ng	0.00

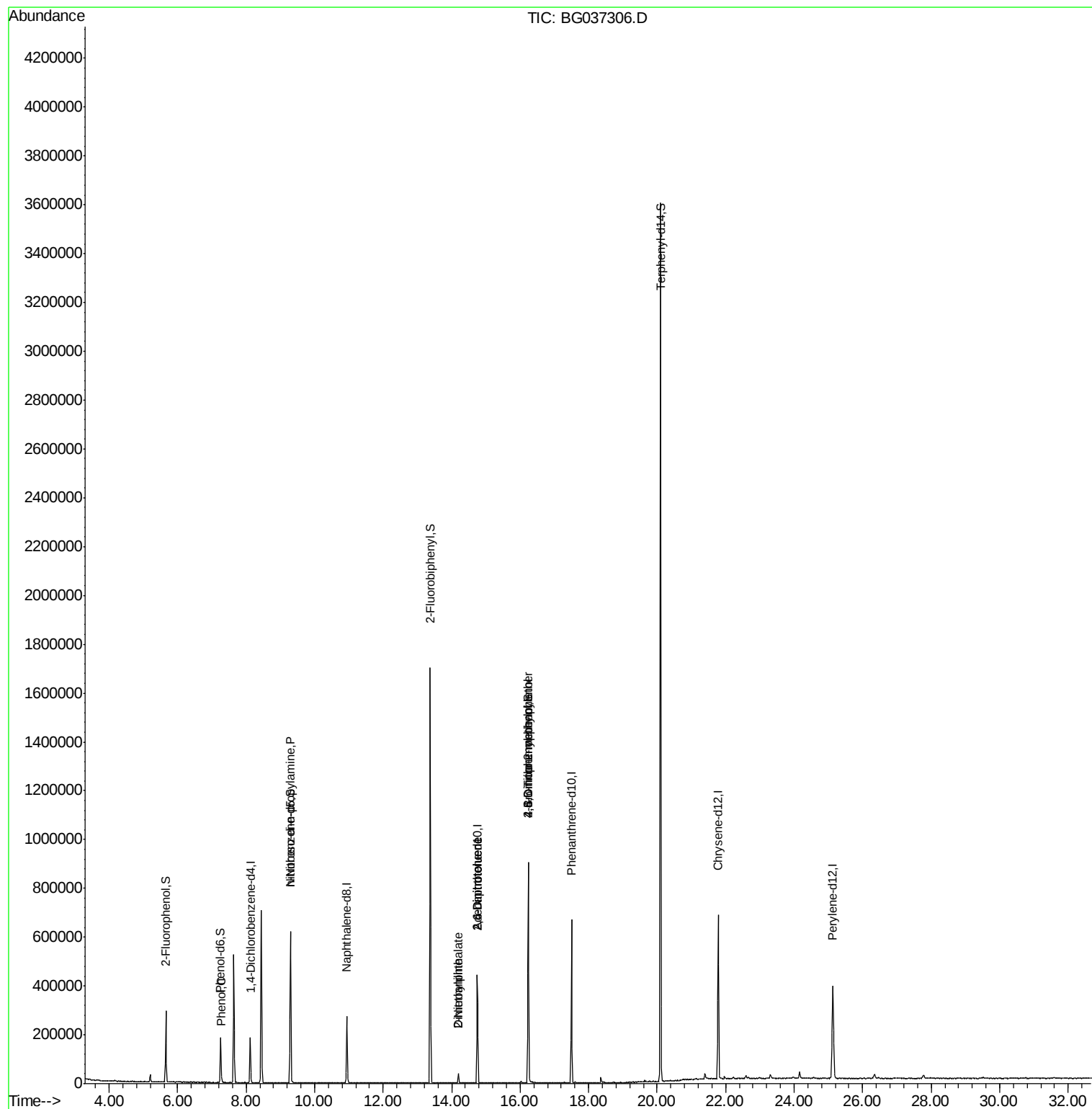
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.28	94	12161	2.390	ng	92
19) n-Nitroso-di-n-propylamine	9.29	70	47714	13.046	ng	# 71
48) 2-Nitroaniline	14.19	65	171	5.811	ng	# 1
50) Dimethylphthalate	14.20	163	27384	2.178	ng	99
51) 2,6-Dinitrotoluene	14.75	165	21318	12.665	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	21318	11.463	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.24	198	544	6.310	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	11601	2.572	ng	# 1

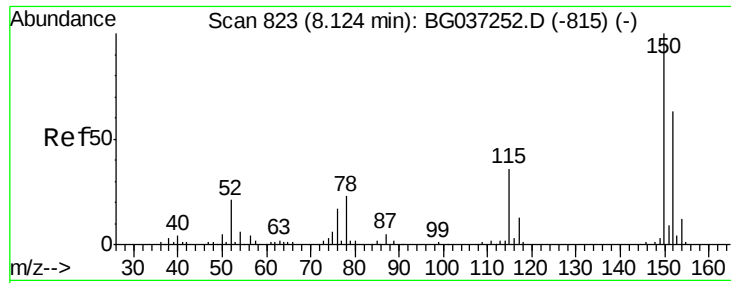
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037306.D
Acq On : 13 Oct 2018 00:53
Operator : JU/SJ
Sample : J5371-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-S

Quant Time: Oct 13 04:15:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



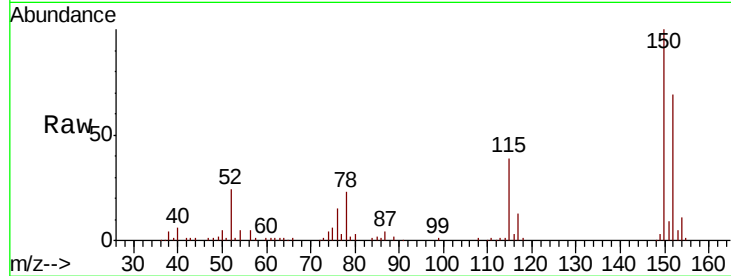


#1

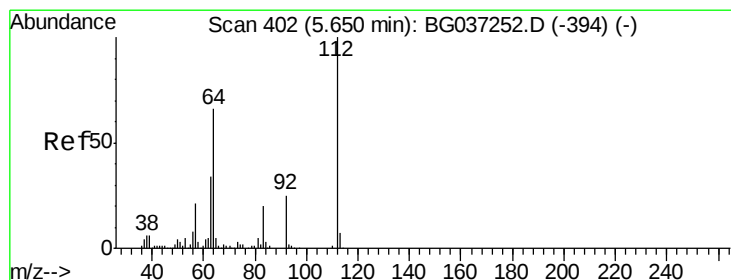
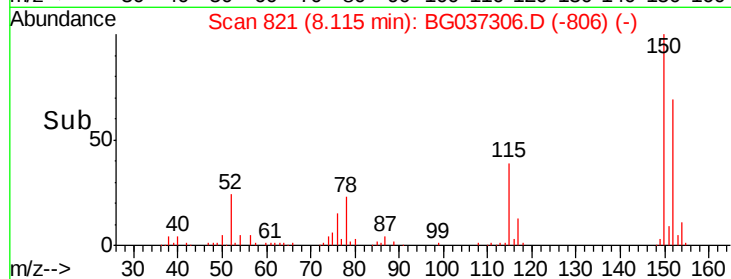
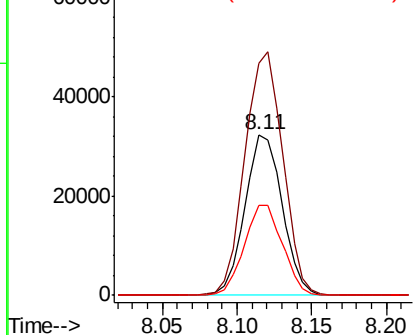
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037306.D
 Acq: 13 Oct 2018 00:53

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-S

Tgt Ion:152 Resp: 56013
 Ion Ratio Lower Upper
 152 100
 150 144.7 126.0 189.0
 115 55.8 45.5 68.3



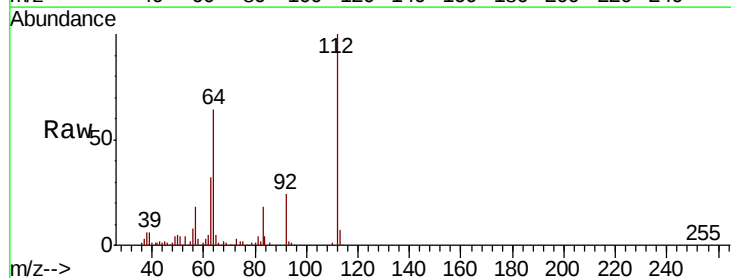
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



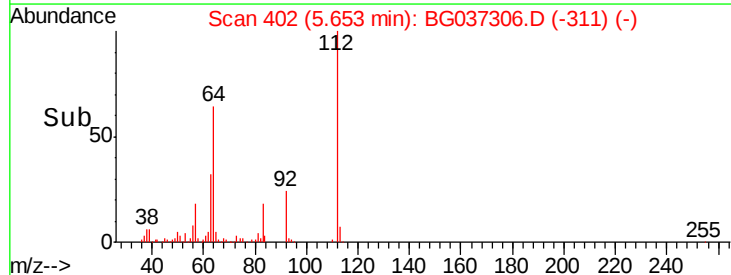
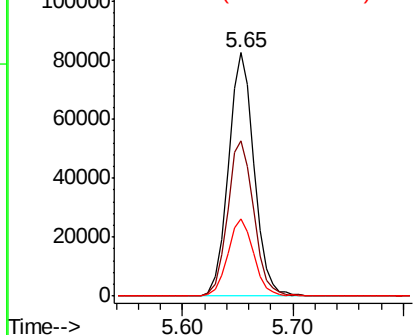
#5

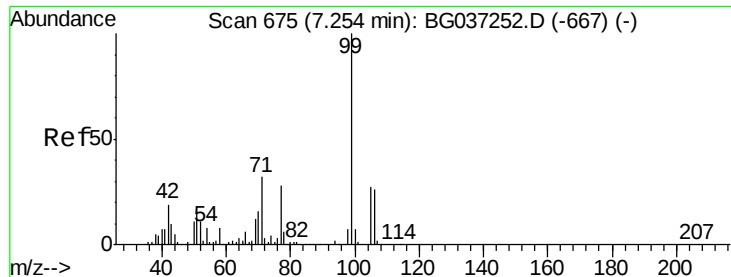
2-Fluorophenol
 Concen: 42.220 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037306.D
 Acq: 13 Oct 2018 00:53

Tgt Ion:112 Resp: 134374
 Ion Ratio Lower Upper
 112 100
 64 64.0 53.1 79.7
 63 31.8 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: 24.069 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037306.D

Acq: 13 Oct 2018 00:53

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-S

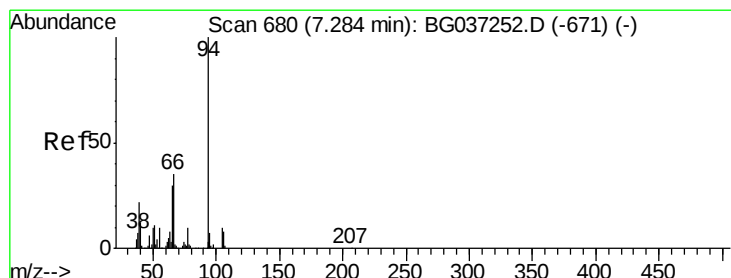
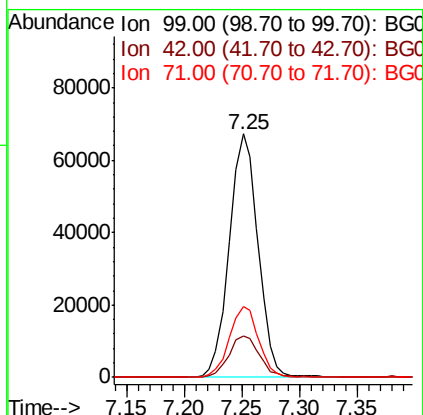
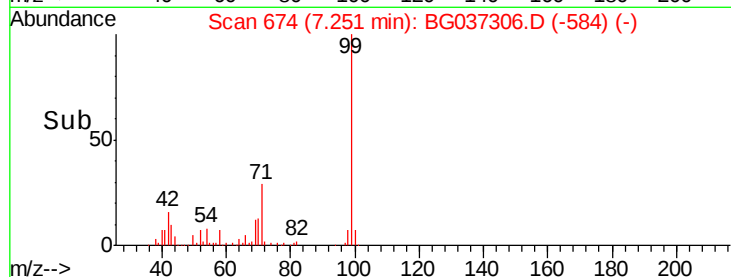
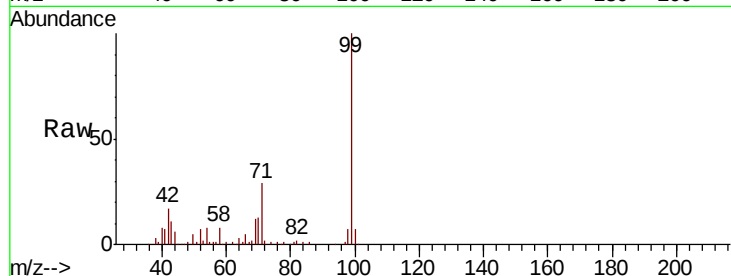
Tgt Ion: 99 Resp: 116275

Ion Ratio Lower Upper

99 100

42 16.9 15.0 22.4

71 29.1 25.5 38.3



#10

Phenol

Concen: 2.390 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037306.D

Acq: 13 Oct 2018 00:53

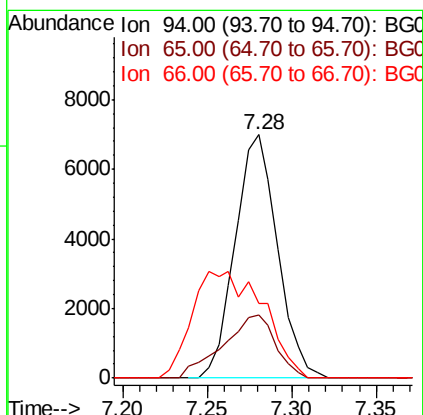
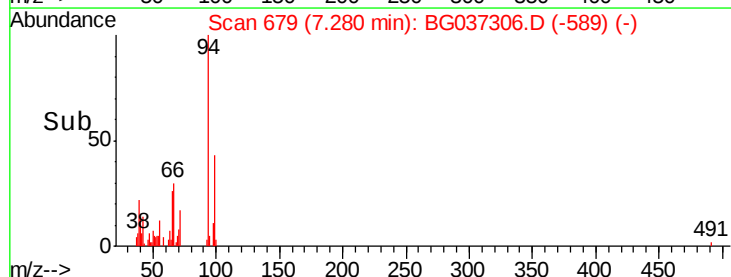
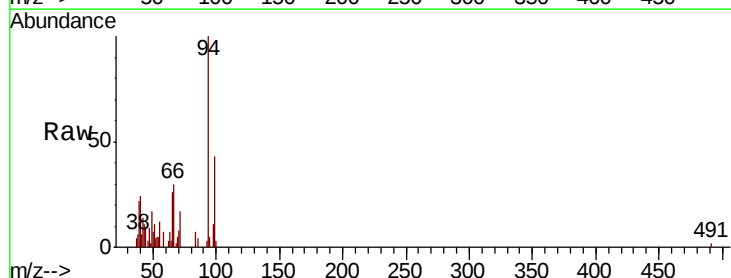
Tgt Ion: 94 Resp: 12161

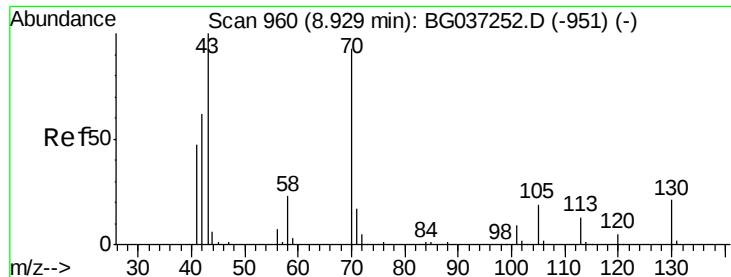
Ion Ratio Lower Upper

94 100

65 25.9 9.7 49.7

66 30.5 15.9 55.9

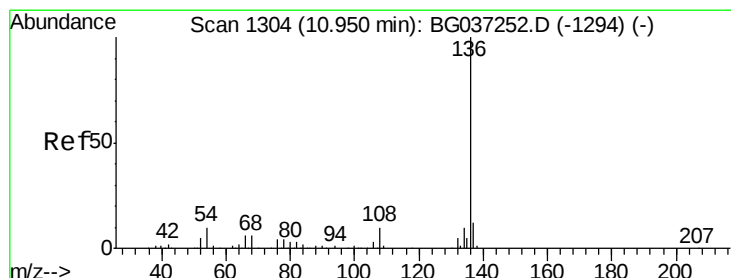
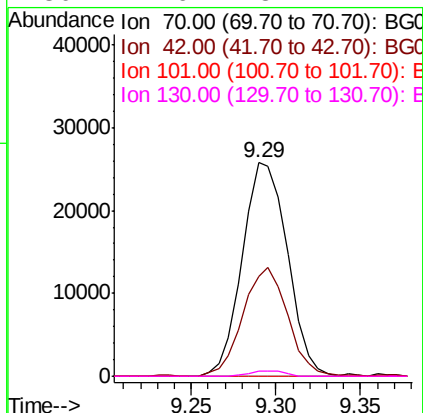
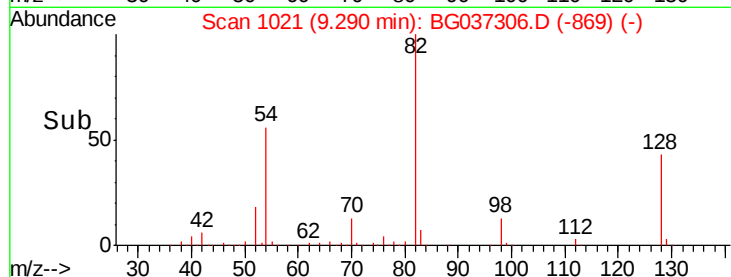
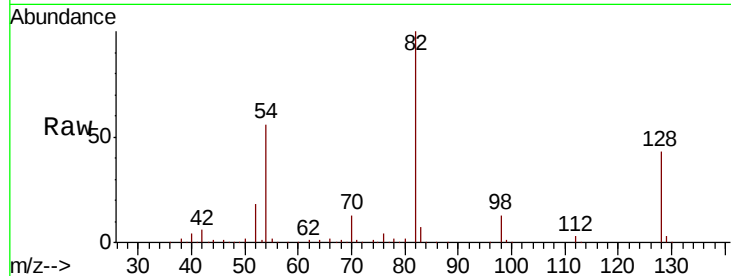




#19
n-Nitroso-di-n-propylamine
Concen: 13.046 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037306.D
Acq: 13 Oct 2018 00:53

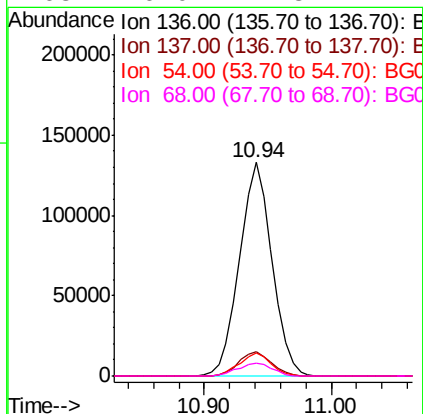
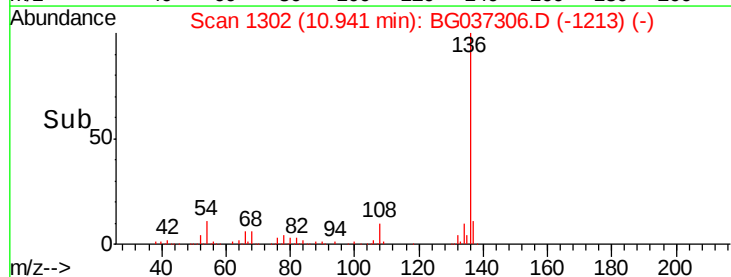
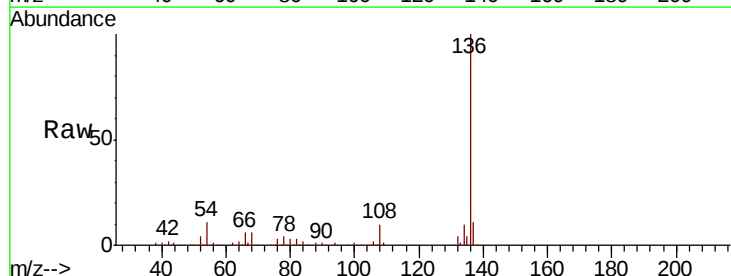
Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-S

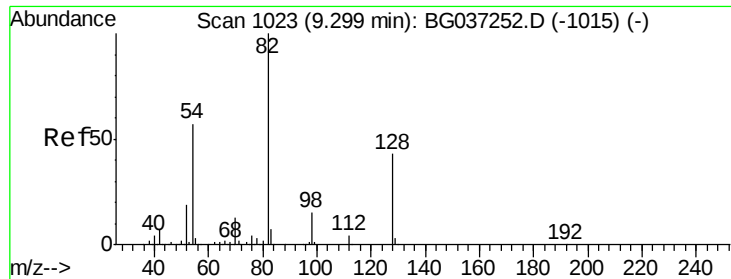
Tgt Ion: 70 Resp: 47714
Ion Ratio Lower Upper
70 100
42 46.8 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037306.D
Acq: 13 Oct 2018 00:53

Tgt Ion: 136 Resp: 235968
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 10.6 7.9 11.9
68 6.0 4.8 7.2

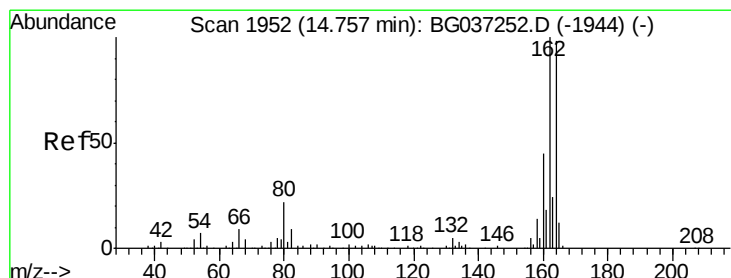
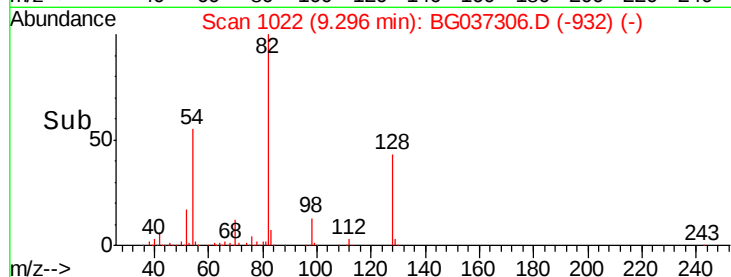
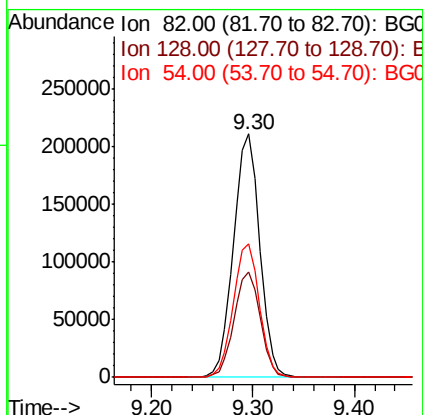
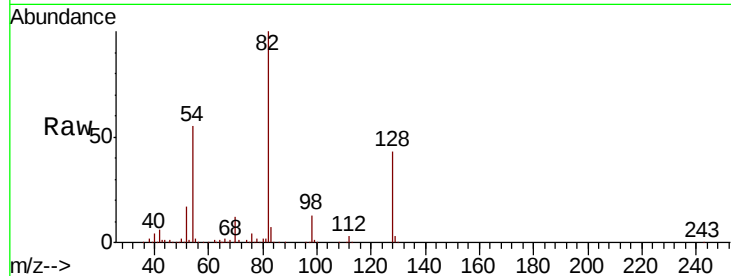




#23
Nitrobenzene-d5
Concen: 105.833 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037306.D
Acq: 13 Oct 2018 00:53

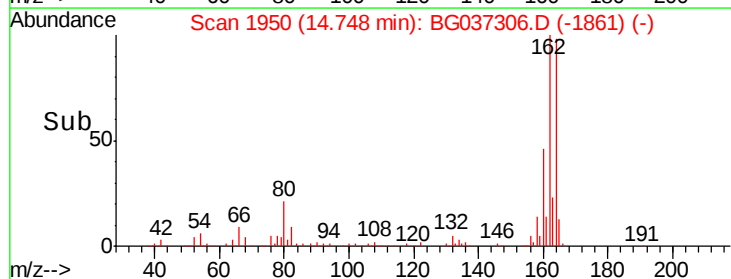
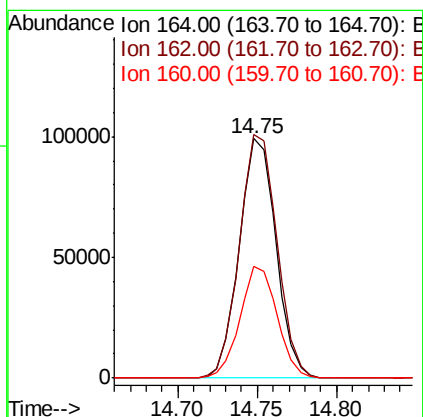
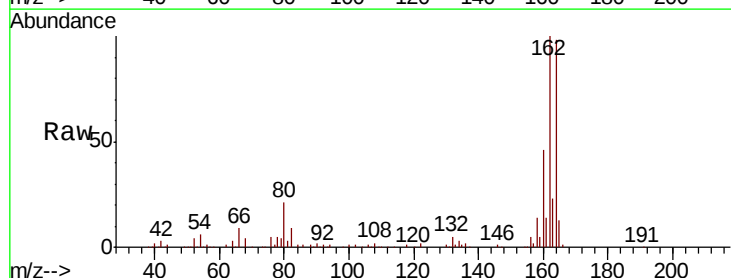
Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-S

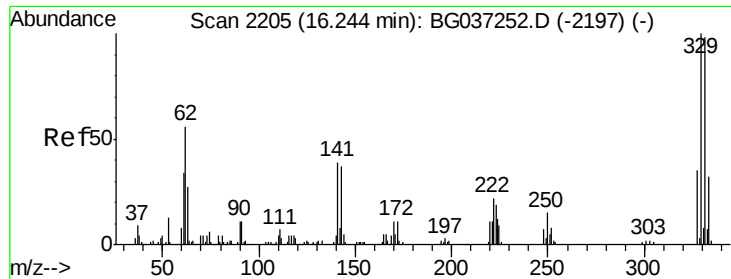
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	54.9	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037306.D
Acq: 13 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	46.7	36.3	54.5

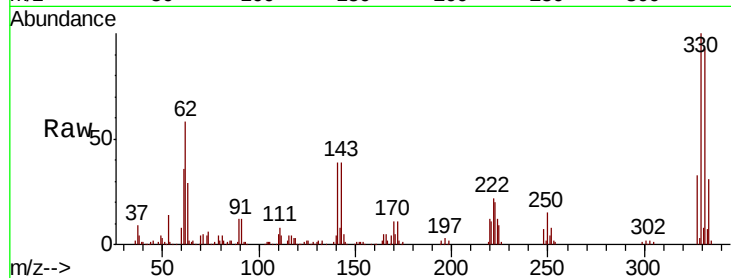




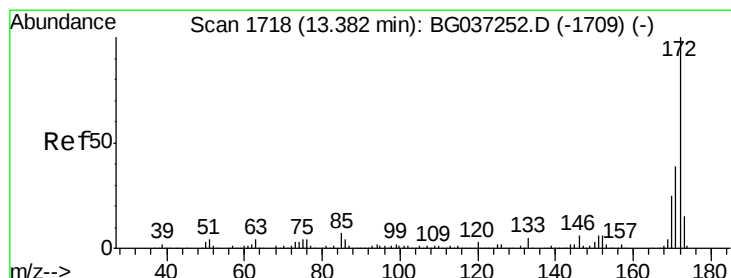
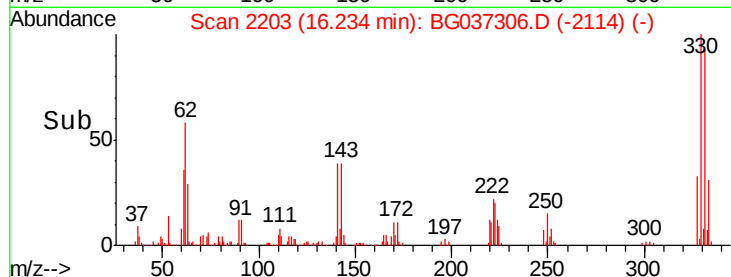
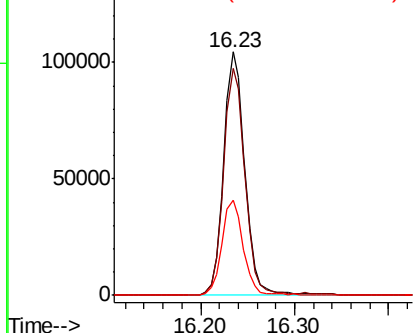
#42
 2,4,6-Tribromophenol
 Concen: 104.671 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037306.D
 Acq: 13 Oct 2018 00:53

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.6	78.4	117.6
141	39.5	32.2	48.2

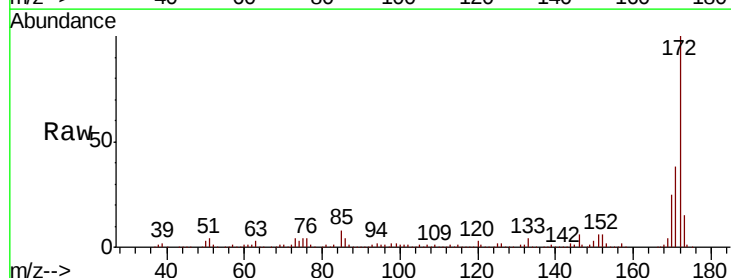


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

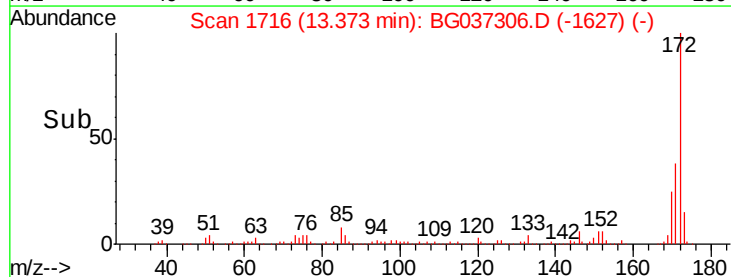
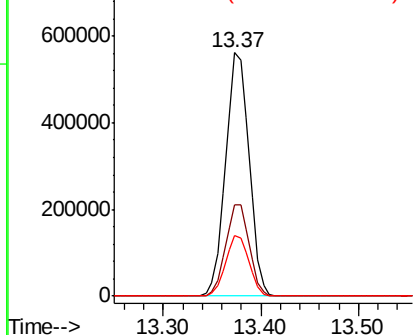


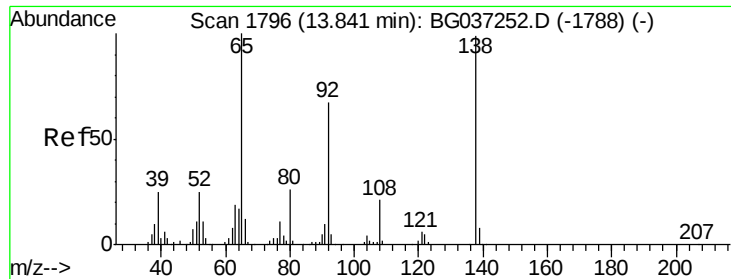
#45
 2-Fluorobiphenyl
 Concen: 87.972 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037306.D
 Acq: 13 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	24.9	20.2	30.2



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





#48

2-Nitroaniline

Concen: 5.811 ng

RT: 14.19 min Scan# 1855

Delta R.T. 0.35 min

Lab File: BG037306.D

Acq: 13 Oct 2018 00:53

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-S

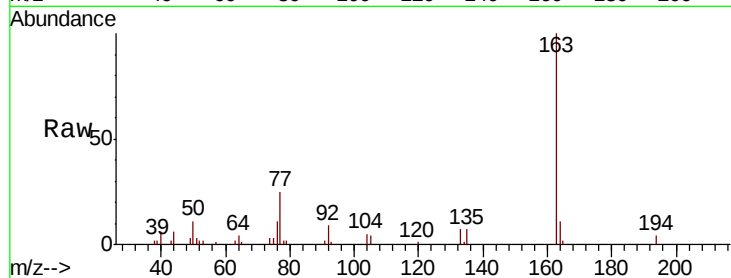
Tgt Ion: 65 Resp: 171

Ion Ratio Lower Upper

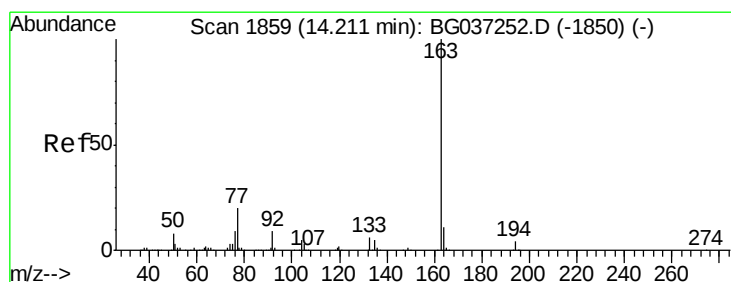
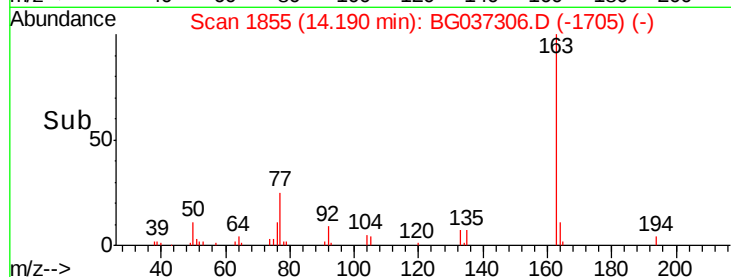
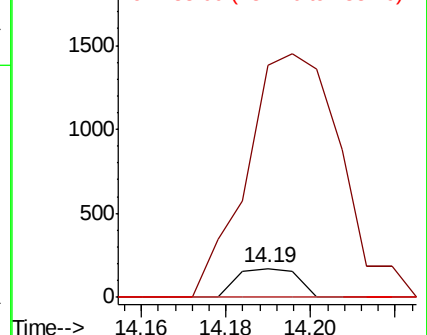
65 100

92 804.7 53.2 79.8#

138 0.0 79.3 118.9#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#50

Dimethylphthalate

Concen: 2.178 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037306.D

Acq: 13 Oct 2018 00:53

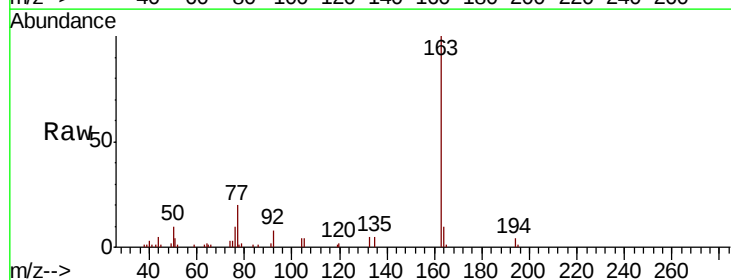
Tgt Ion: 163 Resp: 27384

Ion Ratio Lower Upper

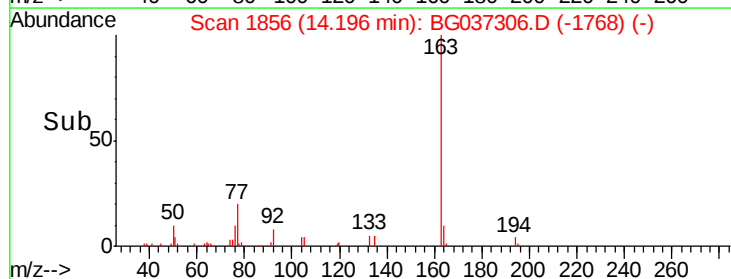
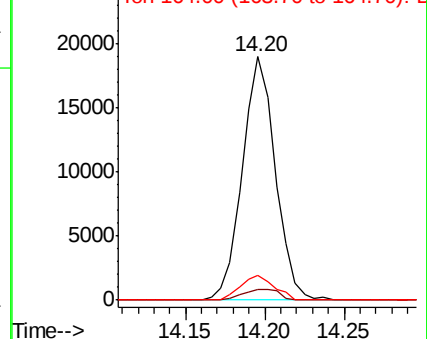
163 100

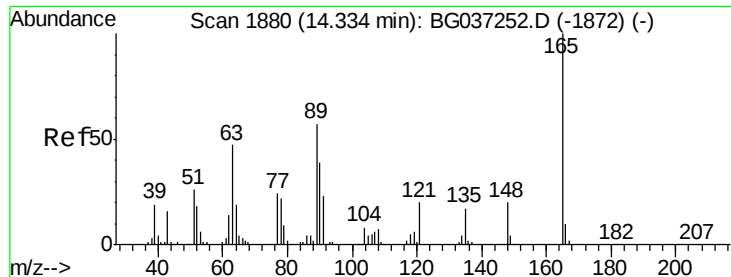
194 4.5 3.5 5.3

164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

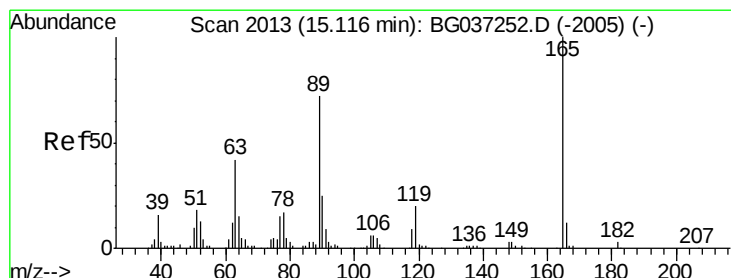
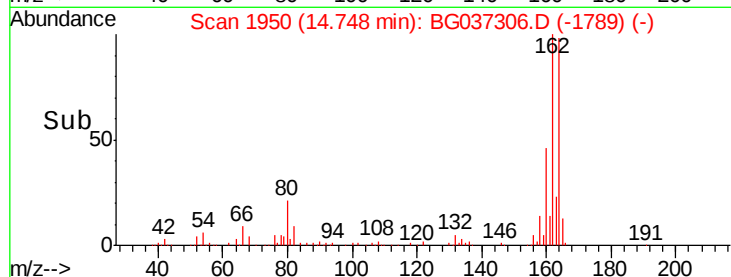
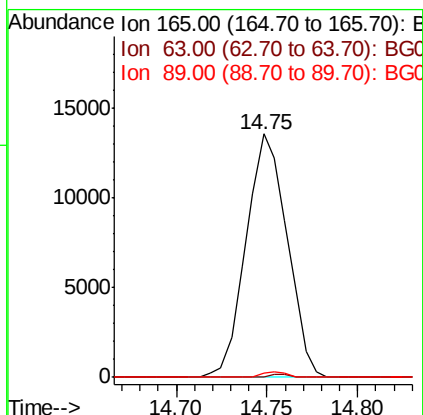
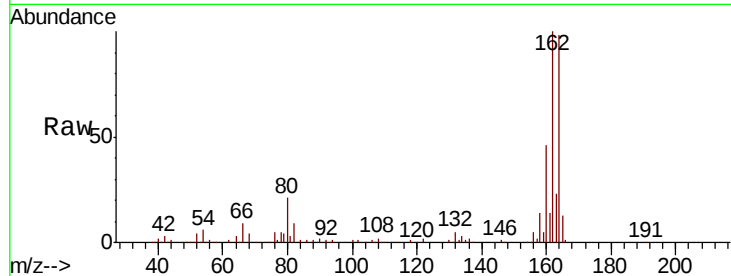




#51
 2,6-Dinitrotoluene
 Concen: 12.665 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037306.D
 Acq: 13 Oct 2018 00:53

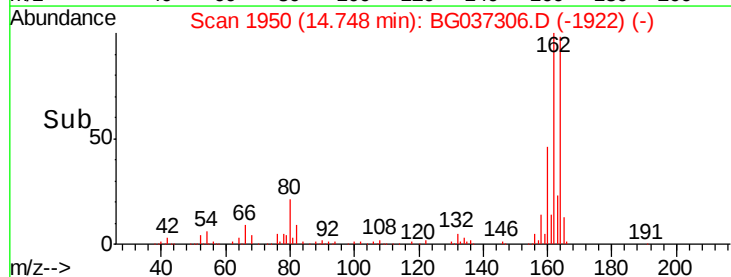
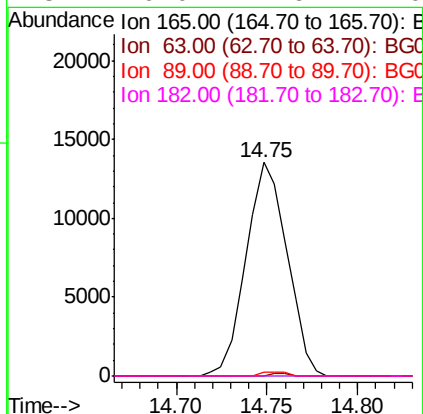
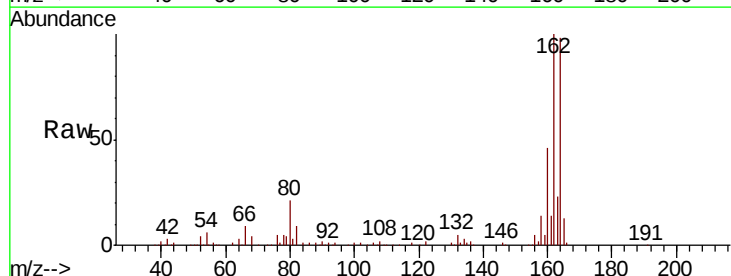
Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-S

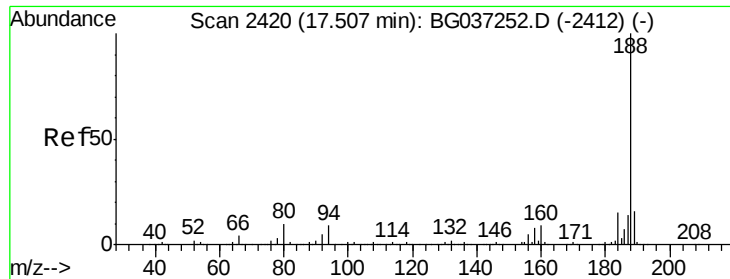
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.7	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.463 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037306.D
 Acq: 13 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#

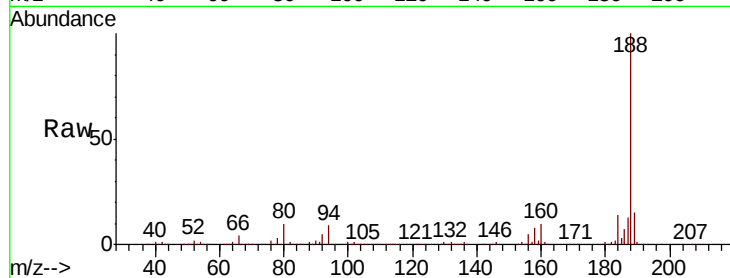




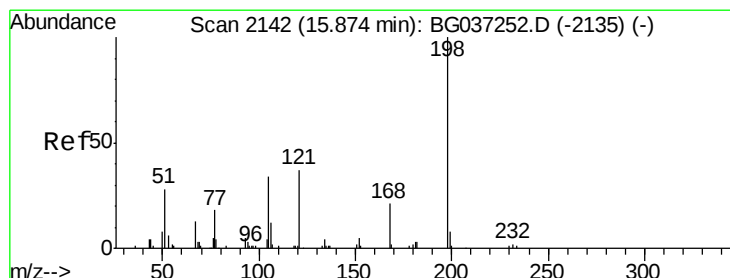
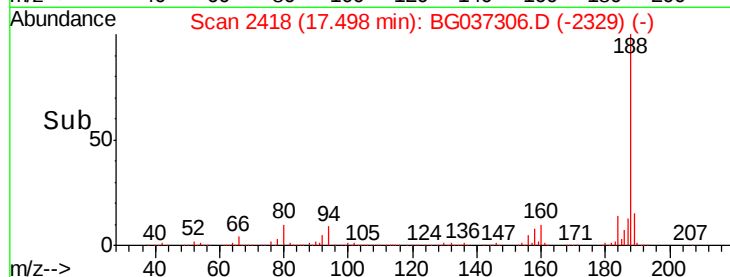
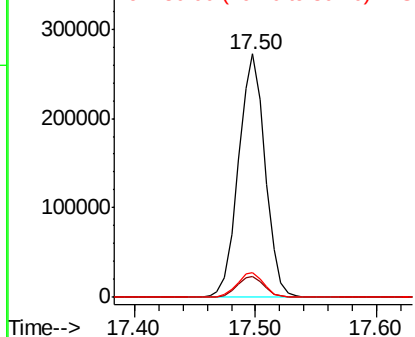
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037306.D
Acq: 13 Oct 2018 00:53

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-S

Tgt Ion:188 Resp: 417890
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.3 7.7 11.5

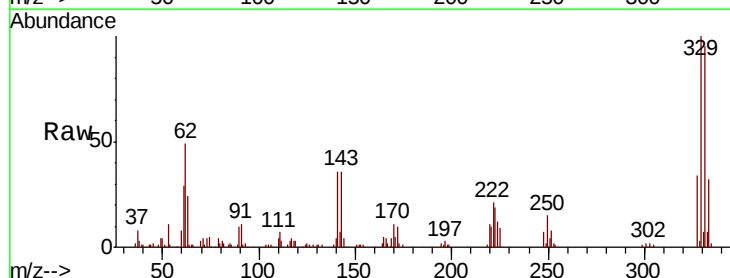


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

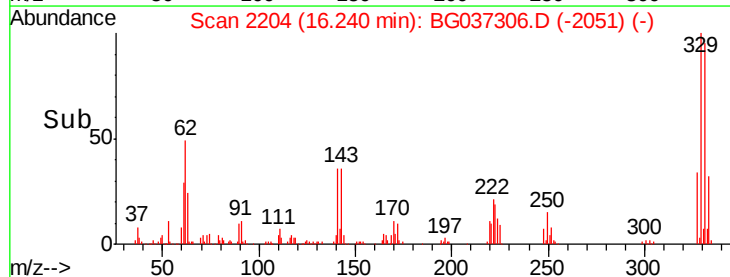
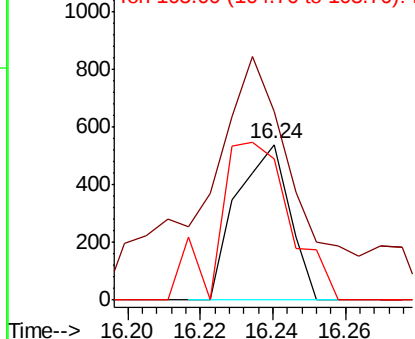


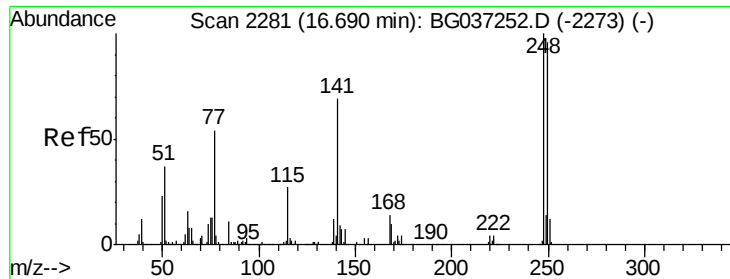
#65
4,6-Dinitro-2-methylphenol
Concen: 6.310 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.37 min
Lab File: BG037306.D
Acq: 13 Oct 2018 00:53

Tgt Ion:198 Resp: 544
Ion Ratio Lower Upper
198 100
51 121.6 22.7 62.7#
105 91.1 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

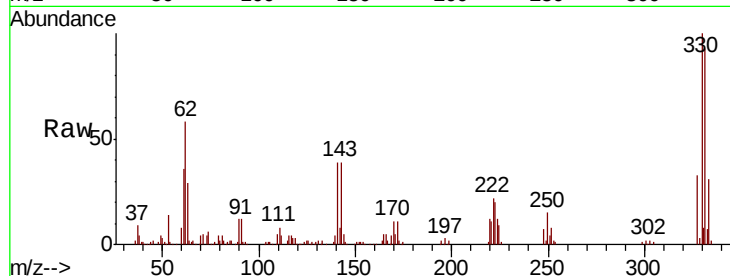




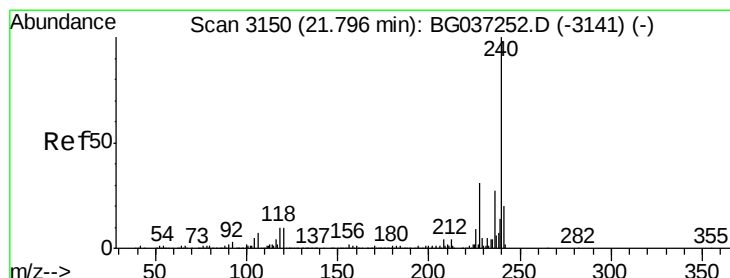
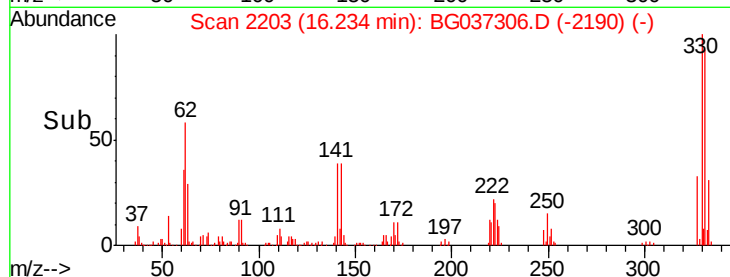
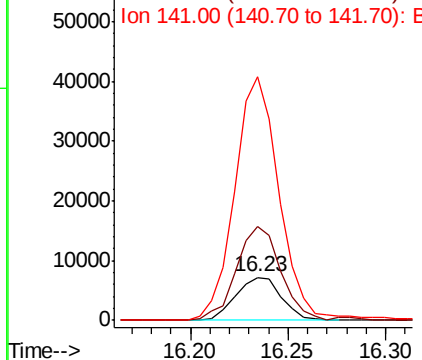
#67
 4-Bromophenyl-phenylether
 Concen: 2.572 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037306.D
 Acq: 13 Oct 2018 00:53

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-S

Tgt Ion:248 Resp: 11601
 Ion Ratio Lower Upper
 248 100
 250 212.9 77.0 115.6#
 141 429.8 55.5 83.3#

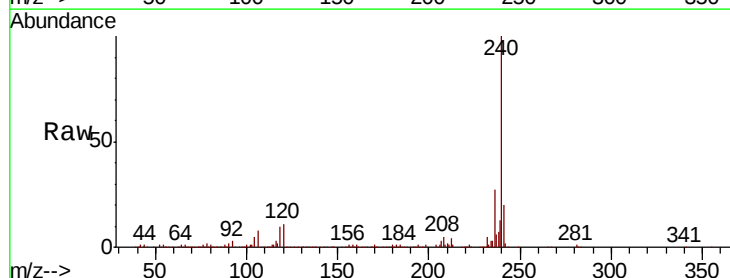


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

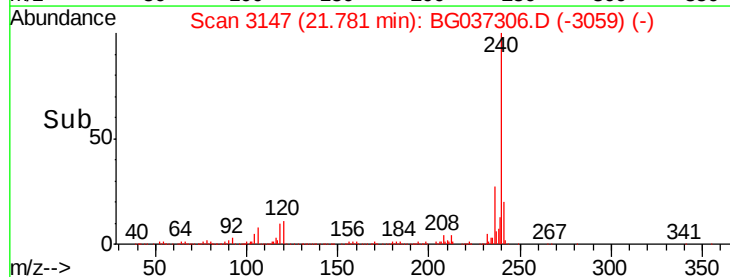
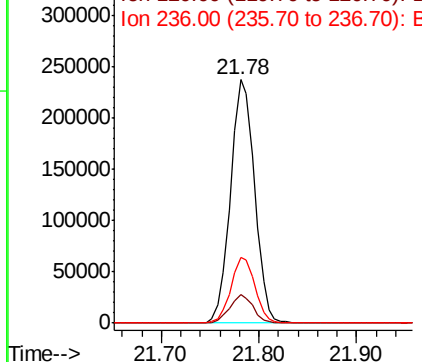


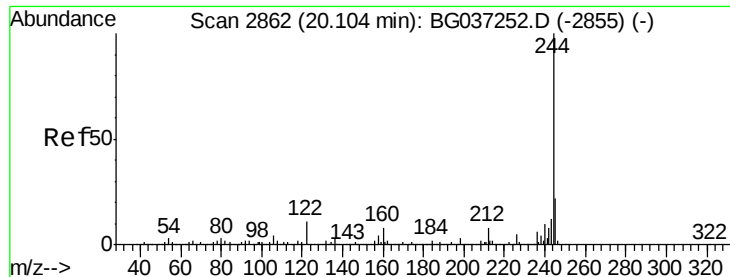
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037306.D
 Acq: 13 Oct 2018 00:53

Tgt Ion:240 Resp: 407189
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.1 12.1
 236 27.1 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: 86.039 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG037306.D

Acq: 13 Oct 2018 00:53

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-S

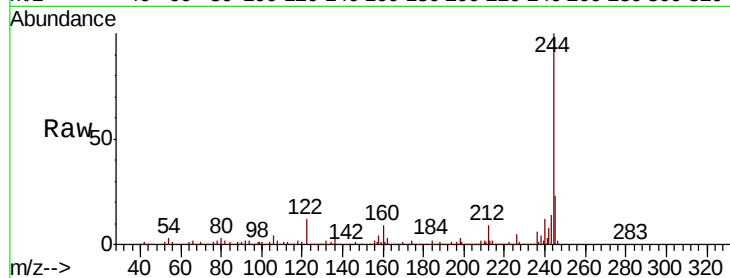
Tgt Ion:244 Resp: 1668499

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

122 12.2 9.0 13.4

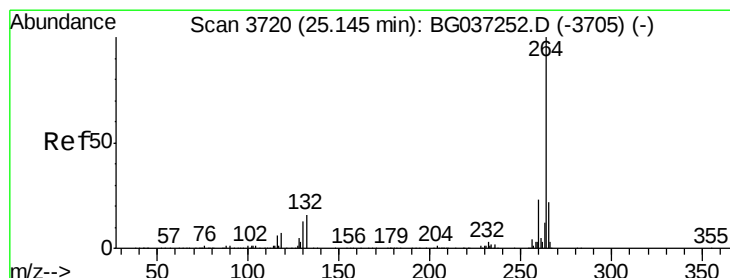
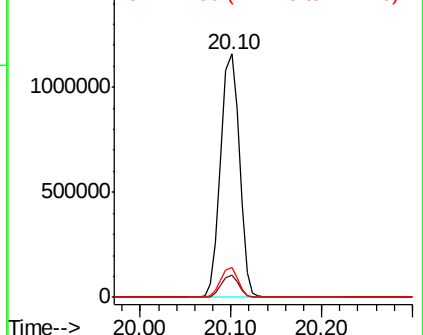
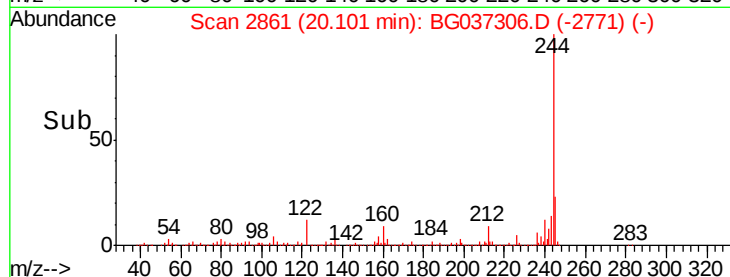


Abundance

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: 25.13 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG037306.D

Acq: 13 Oct 2018 00:53

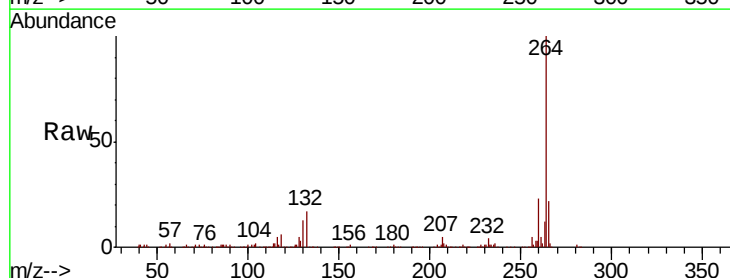
Tgt Ion:264 Resp: 407961

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.0 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

