

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111918\
 Data File : BG038075.D
 Acq On : 19 Nov 2018 23:17
 Operator : JU/SJ
 Sample : J5774-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-111618

Quant Time: Nov 20 00:45:23 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

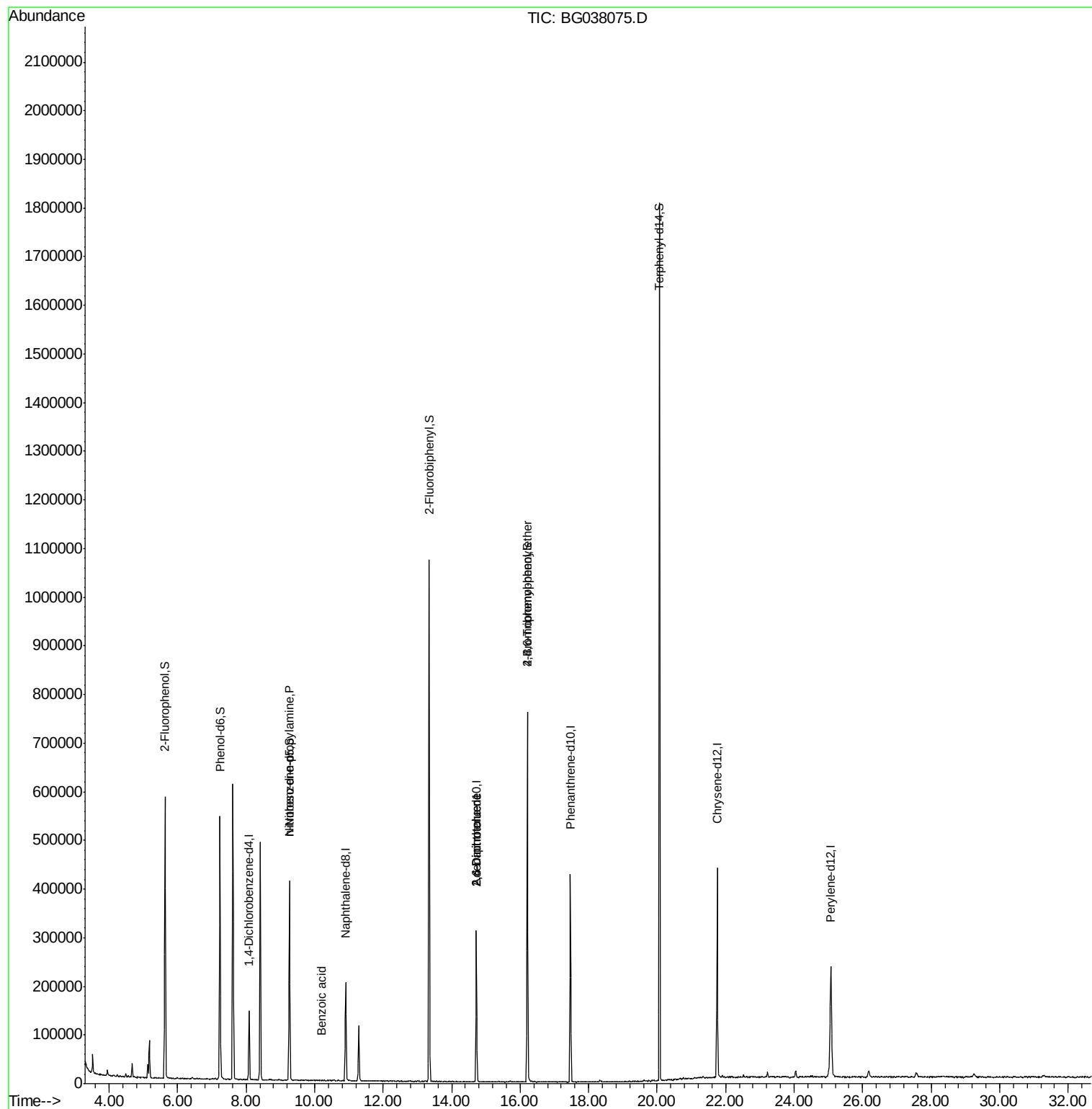
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	43142	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	180147	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113851	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	267779	20.00	ng	0.00
76) Chrysene-d12	21.75	240	257619	20.00	ng	0.00
87) Perylene-d12	25.08	264	261693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	261049	104.47	ng	0.00
7) Phenol-d6	7.23	99	328533	92.11	ng	0.00
23) Nitrobenzene-d5	9.26	82	260007	77.26	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	142735	109.93	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	585157	74.88	ng	0.00
79) Terphenyl-d14	20.07	244	905275	82.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	32825	12.719	ng	# 73
32) Benzoic acid	10.20	122	130	12.391	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	14737	7.214	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	14737	5.302	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	10265	3.493	ng	# 1

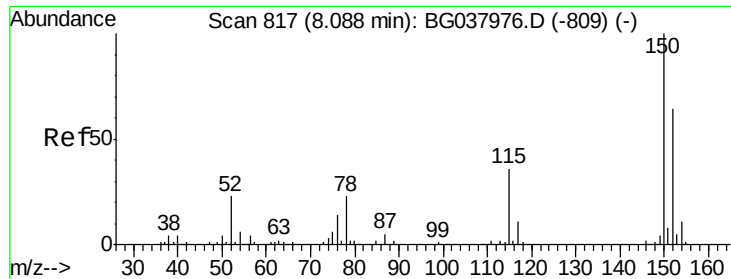
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SU-04-111618

Quant Time: Nov 20 00:45:23 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



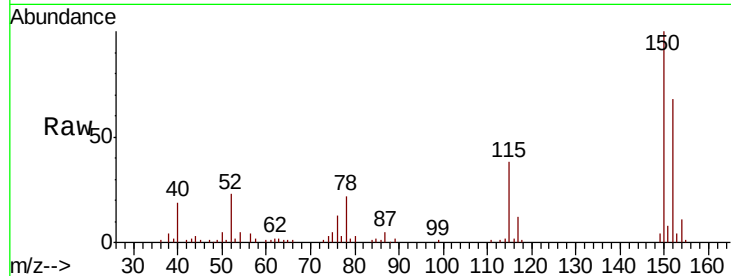


#1

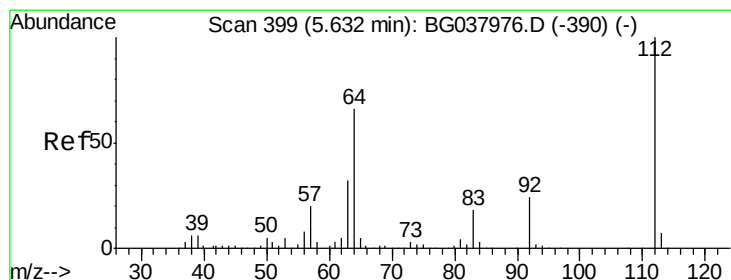
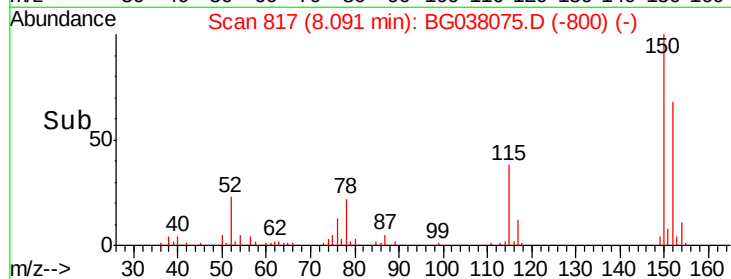
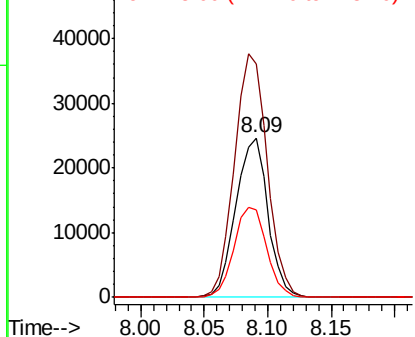
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Instrument :
BNA_G
ClientSampleId :
SU-04-111618

Tgt Ion:152 Resp: 43142
Ion Ratio Lower Upper
152 100
150 146.0 126.0 189.0
115 54.8 45.5 68.3



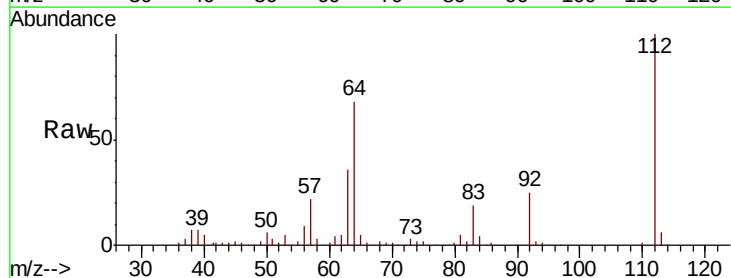
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



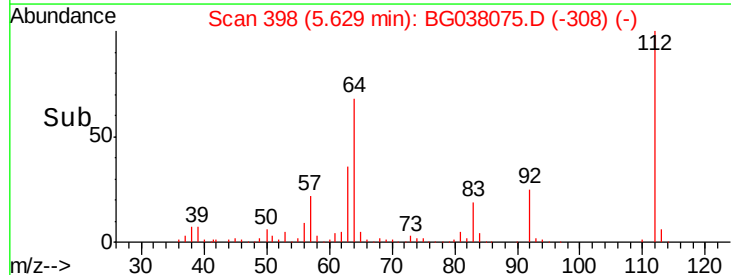
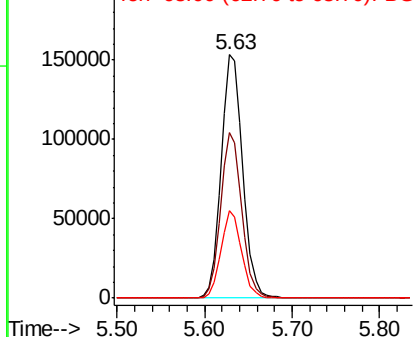
#5

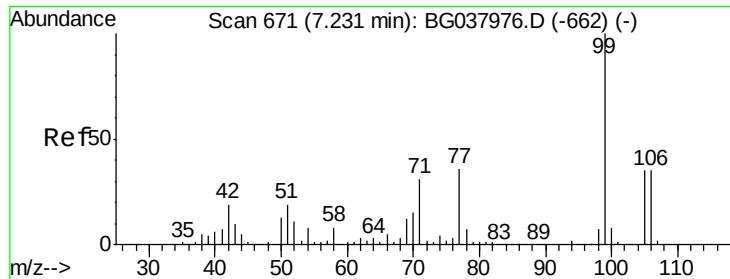
2-Fluorophenol
Concen: 104.473 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Tgt Ion:112 Resp: 261049
Ion Ratio Lower Upper
112 100
64 68.2 53.1 79.7
63 35.8 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: 92.109 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038075.D

Acq: 19 Nov 2018 23:17

Instrument :

BNA_G

ClientSampleId :

SU-04-111618

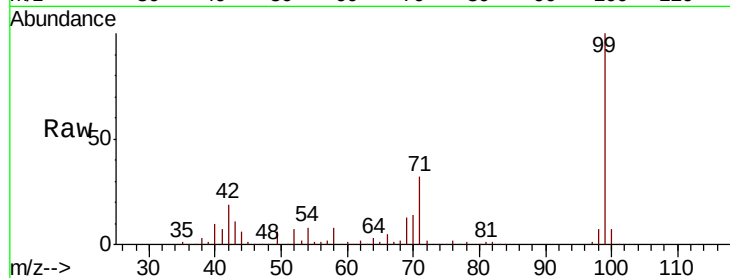
Tgt Ion: 99 Resp: 328533

Ion Ratio Lower Upper

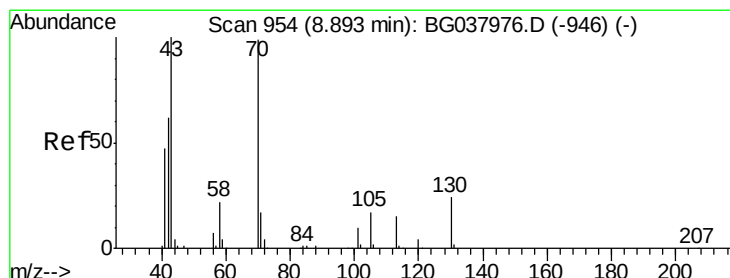
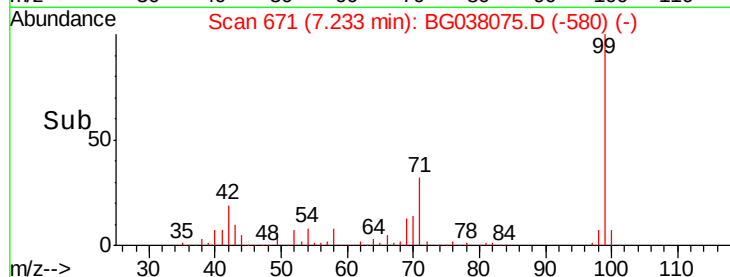
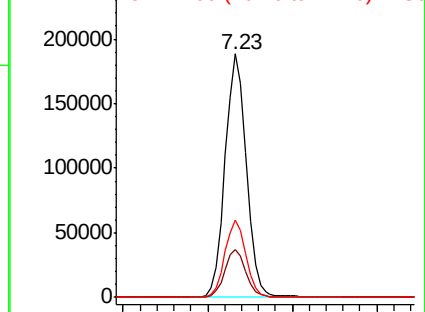
99 100

42 19.4 15.0 22.4

71 31.8 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: 12.719 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038075.D

Acq: 19 Nov 2018 23:17

Tgt Ion: 70 Resp: 32825

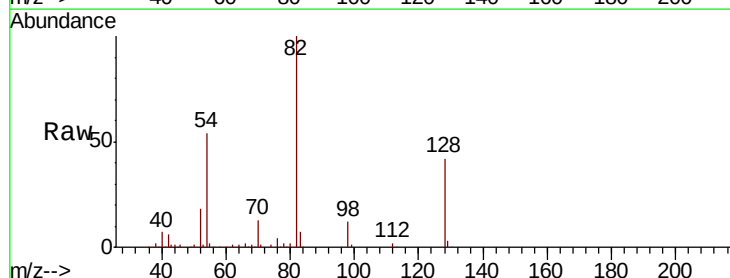
Ion Ratio Lower Upper

70 100

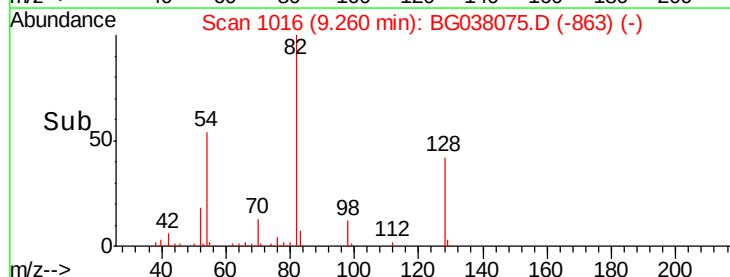
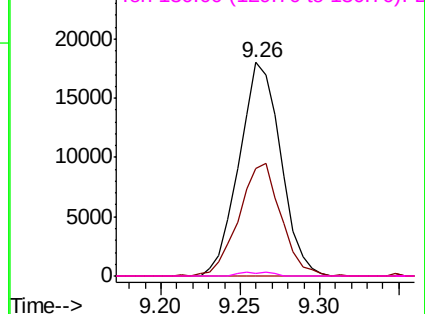
42 50.2 53.9 80.9#

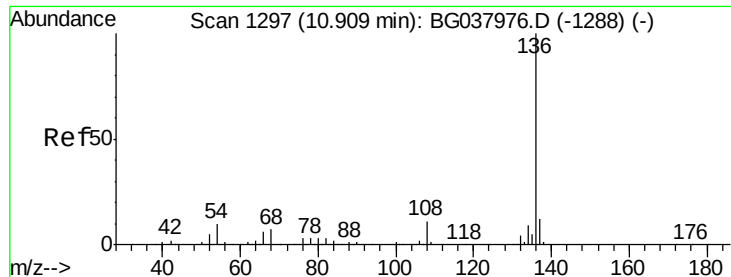
101 0.0 8.2 12.2#

130 1.5 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

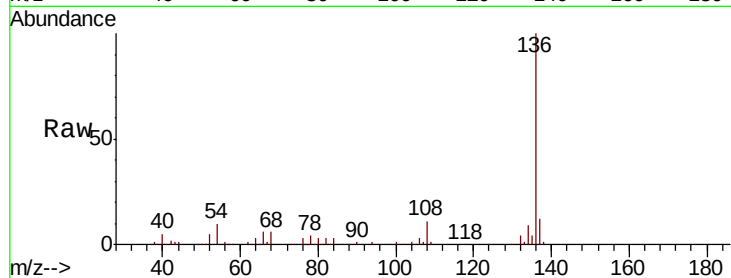




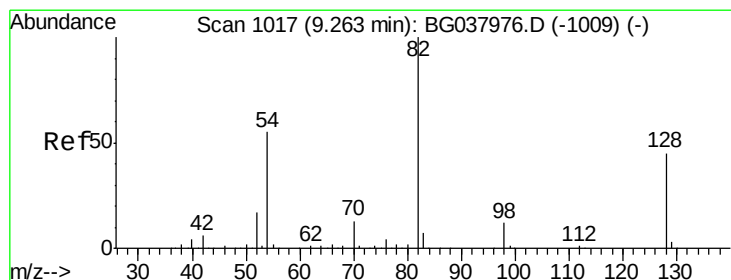
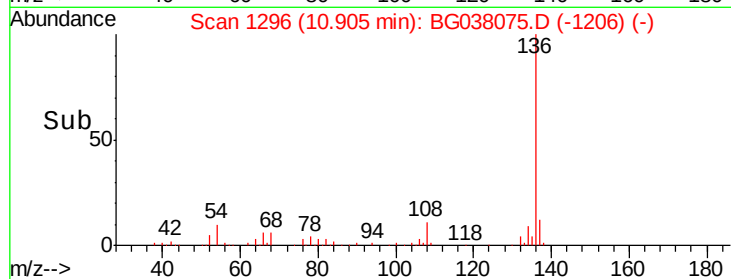
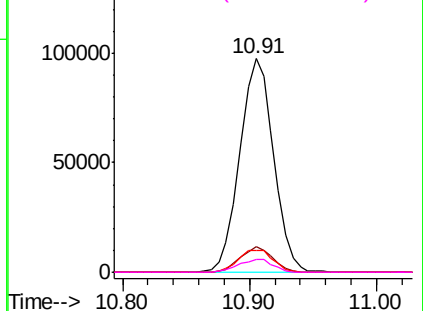
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Instrument :
BNA_G
ClientSampleId :
SU-04-111618

Tgt Ion:	136	Resp:	180147
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.3	7.9	11.9
68	5.9	4.8	7.2

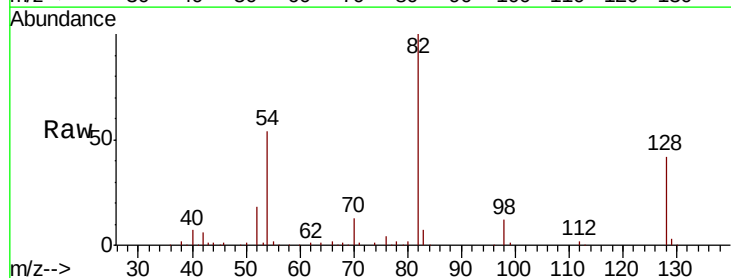


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

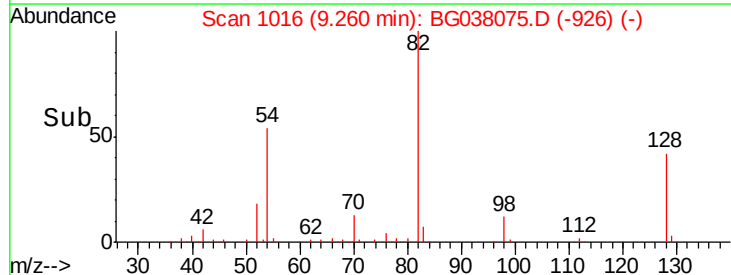
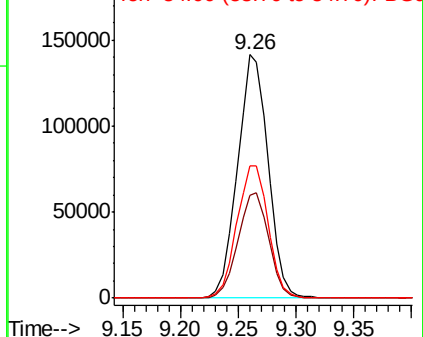


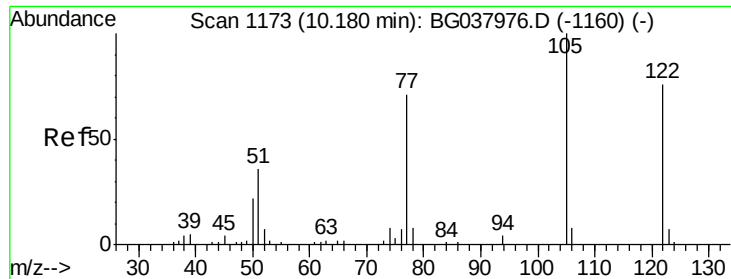
#23
Nitrobenzene-d5
Concen: 77.261 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Tgt Ion:	82	Resp:	260007
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	54.1	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

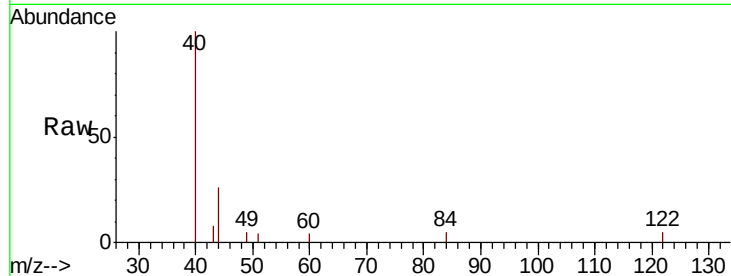




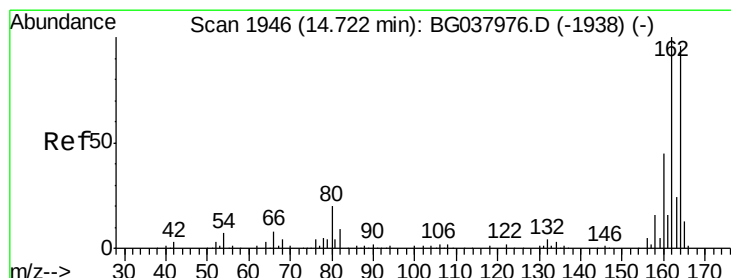
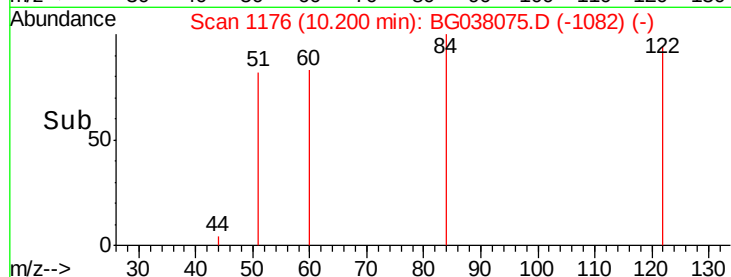
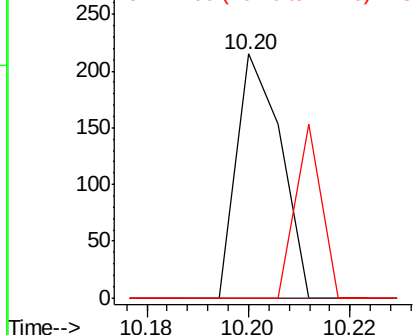
#32
Benzoic acid
Concen: 12.391 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Instrument :
BNA_G
ClientSampleId :
SU-04-111618

Tgt Ion:122 Resp: 130
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 0.0 72.2 112.2#

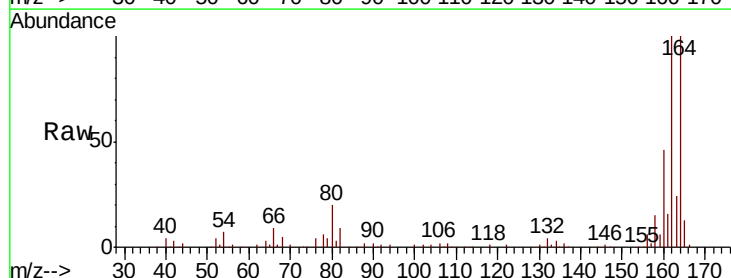


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

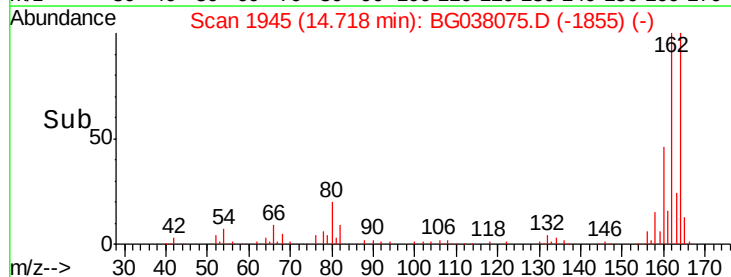
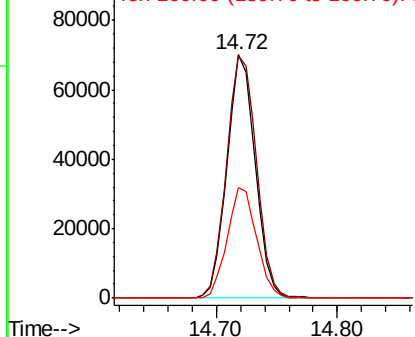


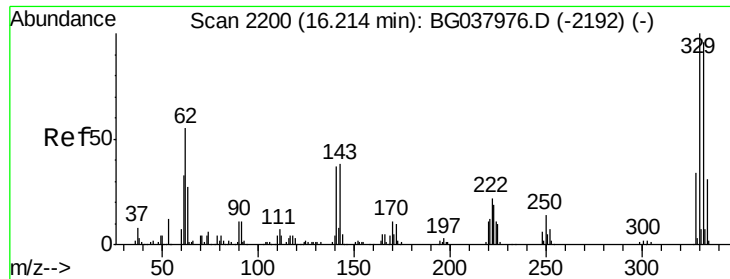
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Tgt Ion:164 Resp: 113851
Ion Ratio Lower Upper
164 100
162 99.7 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

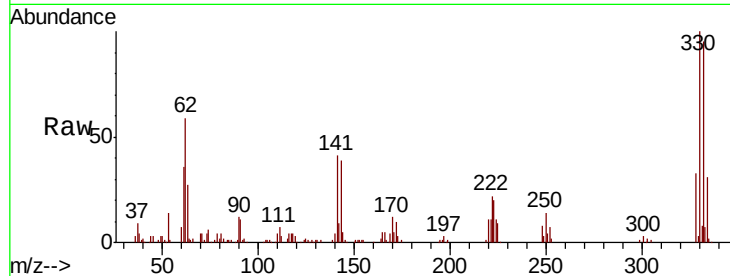




#42
 2,4,6-Tribromophenol
 Concen: 109.928 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038075.D
 Acq: 19 Nov 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-111618

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	41.3	32.2	48.2

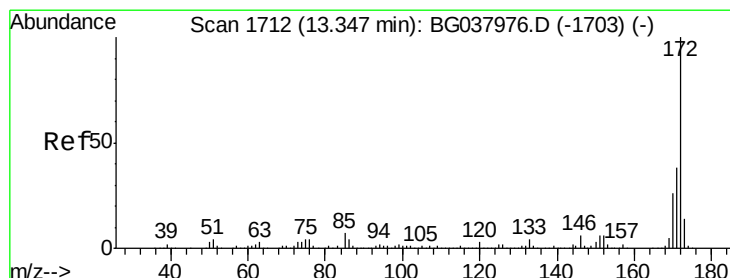
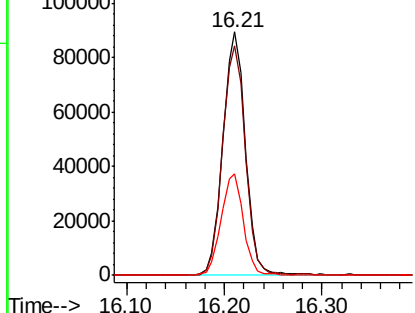
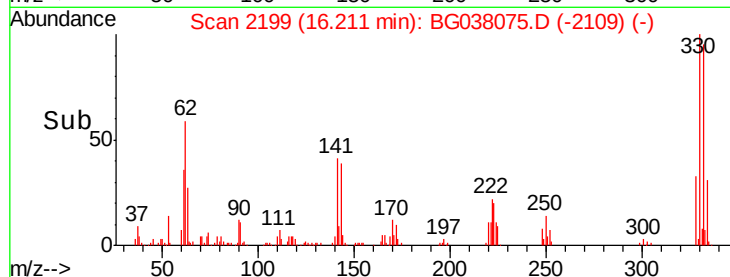


Abundance

Ion 329.80 (329.50 to 330.50): E

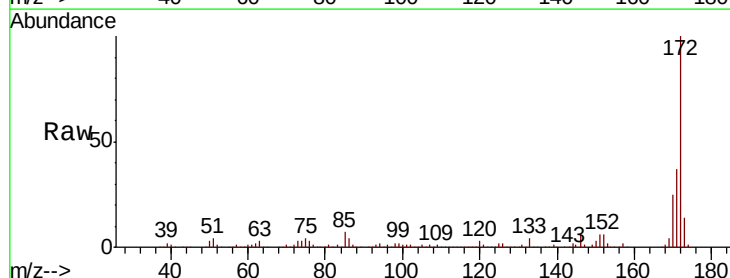
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.877 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038075.D
 Acq: 19 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.6	20.2	30.2

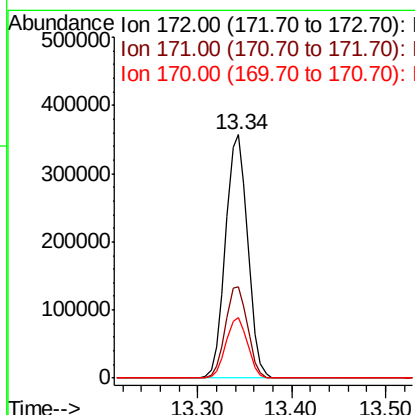
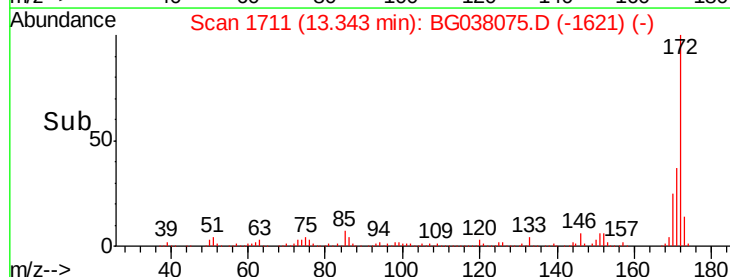


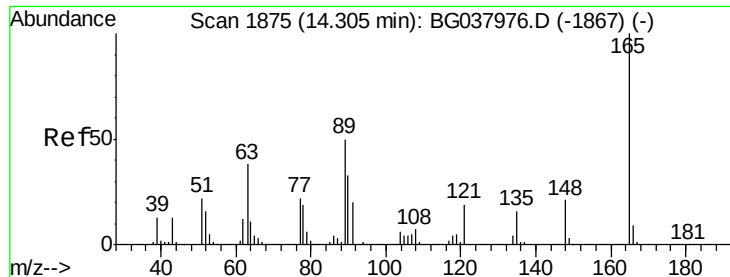
Abundance

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

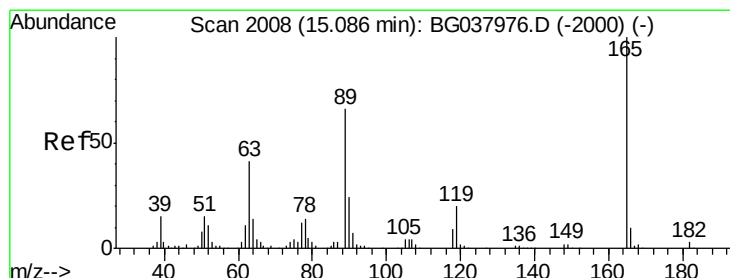
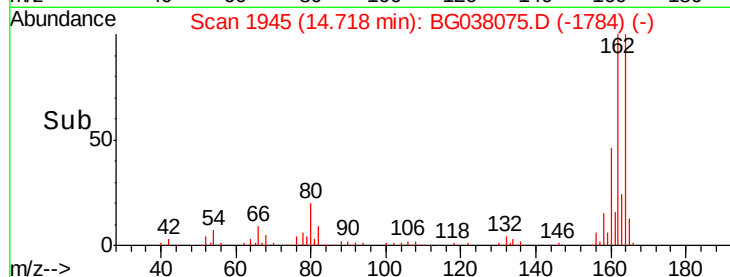
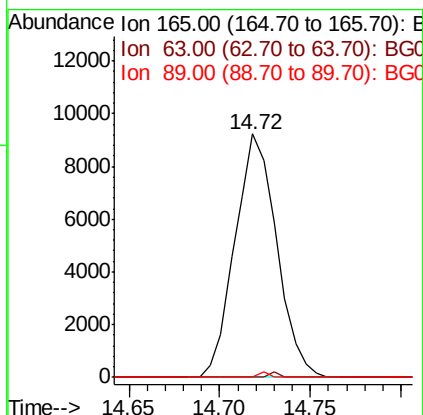
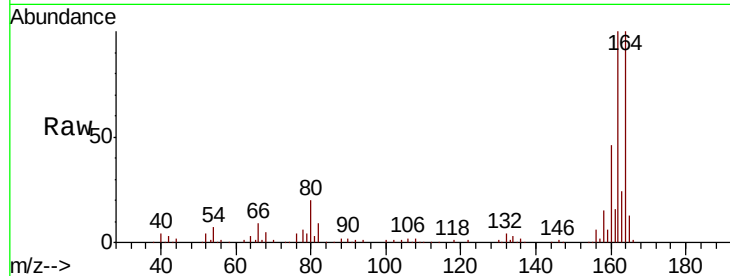




#51
 2,6-Dinitrotoluene
 Concen: 7.214 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038075.D
 Acq: 19 Nov 2018 23:17

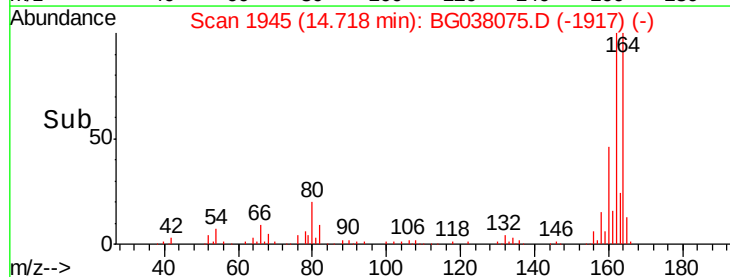
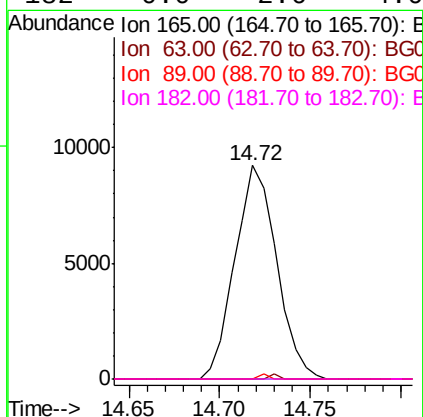
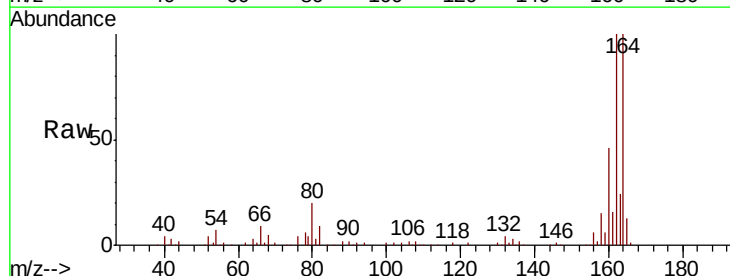
Instrument :
 BNA_G
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 SU-04-111618

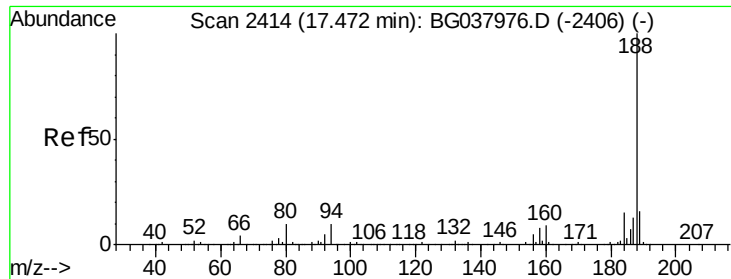
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.302 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038075.D
 Acq: 19 Nov 2018 23:17

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

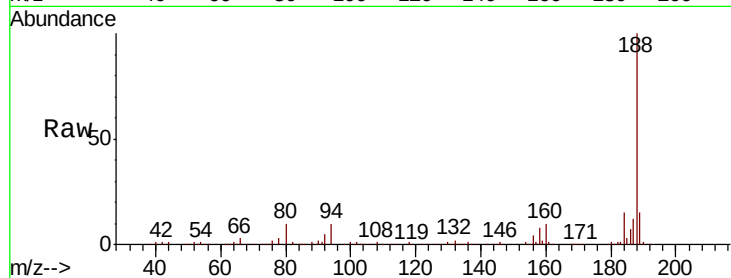




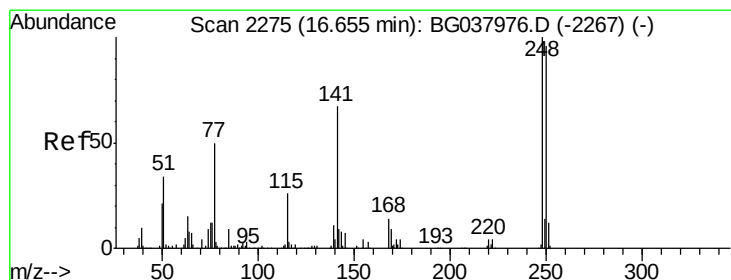
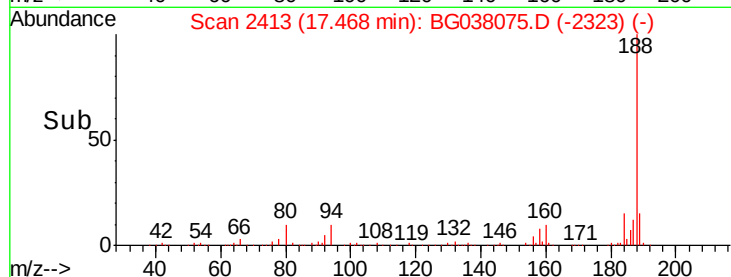
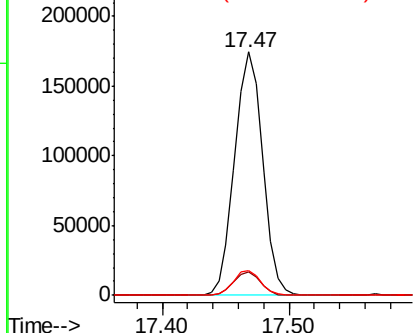
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Instrument :
BNA_G
ClientSampleId :
SU-04-111618

Tgt Ion:188 Resp: 267779
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.1 7.7 11.5

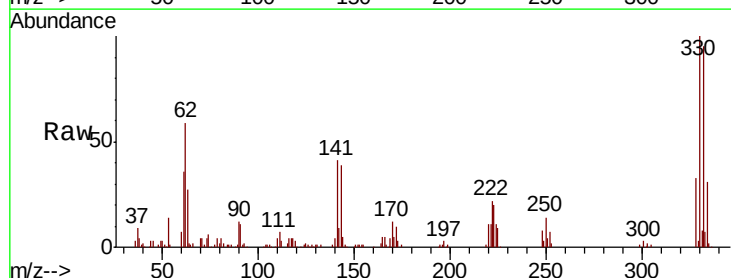


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

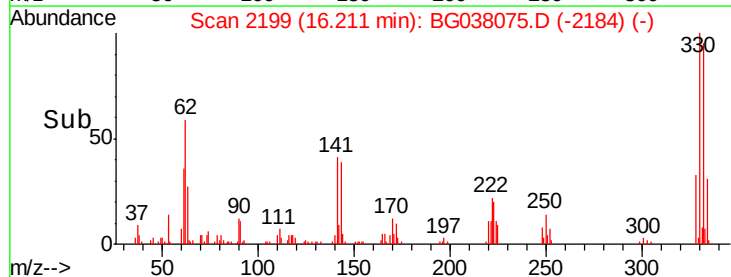
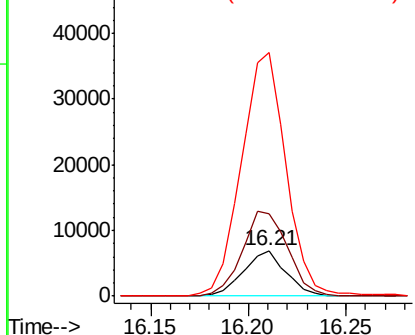


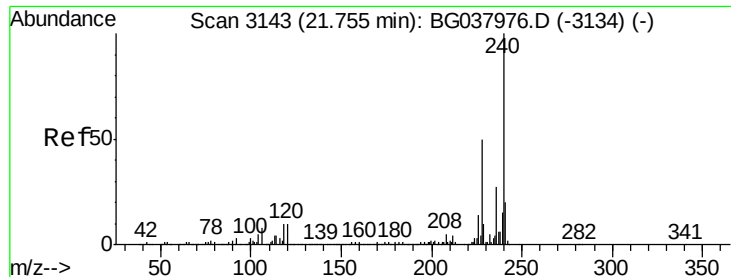
#67
4-Bromophenyl-phenylether
Concen: 3.493 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.44 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Tgt Ion:248 Resp: 10265
Ion Ratio Lower Upper
248 100
250 177.8 77.0 115.6#
141 400.7 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

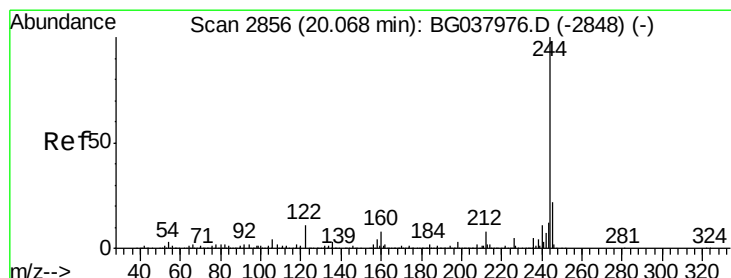
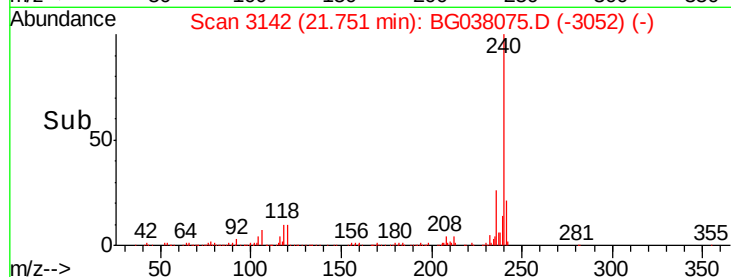
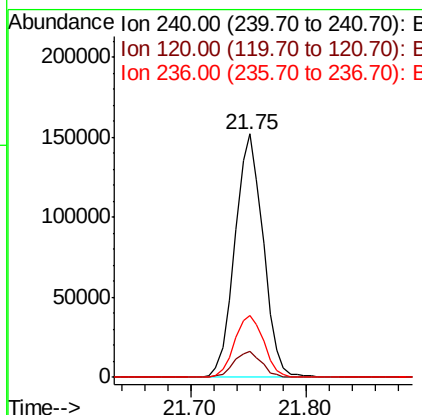
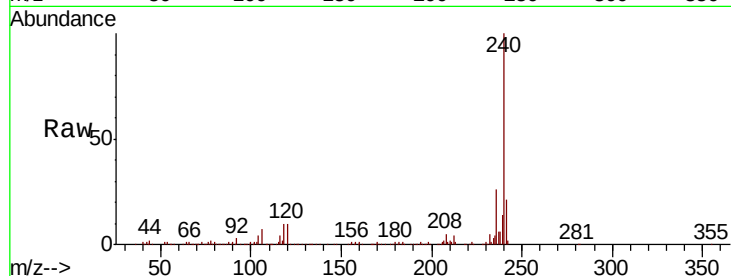




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

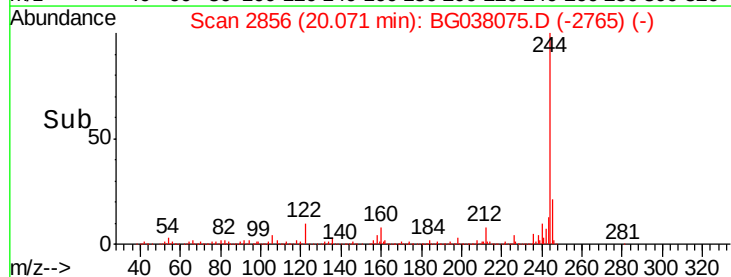
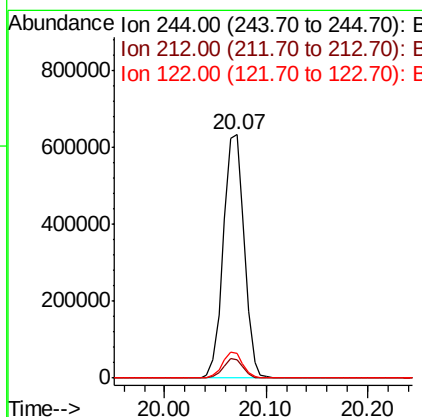
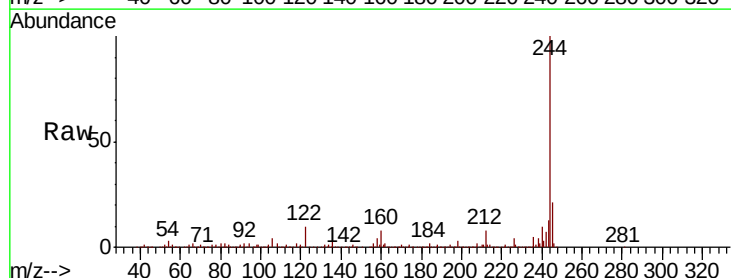
Instrument :
BNA_G
ClientSampleId :
SU-04-111618

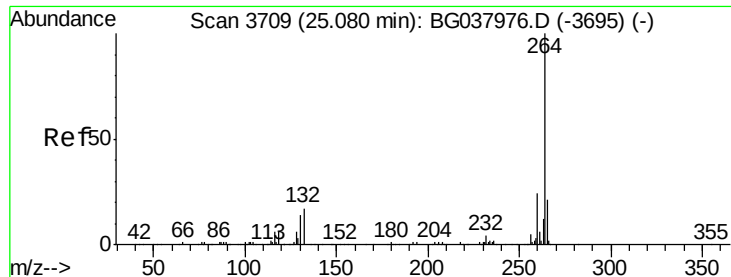
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	25.6	21.4	32.0



#79
Terphenyl-d14
Concen: 82.685 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Instrument :
BNA_G
ClientSampleId :
SU-04-111618

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.7	17.9	26.9

