

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
 Data File : BG039332.D
 Acq On : 30 Jan 2019 17:52
 Operator : JU/SJ
 Sample : K1268-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012819-SIDI-E-U-S

Quant Time: Jan 31 05:41:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	46959	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	193177	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	130535	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	321255	20.00	ng	0.00
76) Chrysene-d12	21.84	240	331975	20.00	ng	0.00
87) Perylene-d12	25.23	264	334173	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	101123	36.86	ng	0.00
7) Phenol-d6	7.32	99	86494	21.42	ng	0.00
23) Nitrobenzene-d5	9.36	82	300859	97.29	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	128827	91.65	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	750609	82.49	ng	0.00
79) Terphenyl-d14	20.14	244	1062776	67.76	ng	0.00

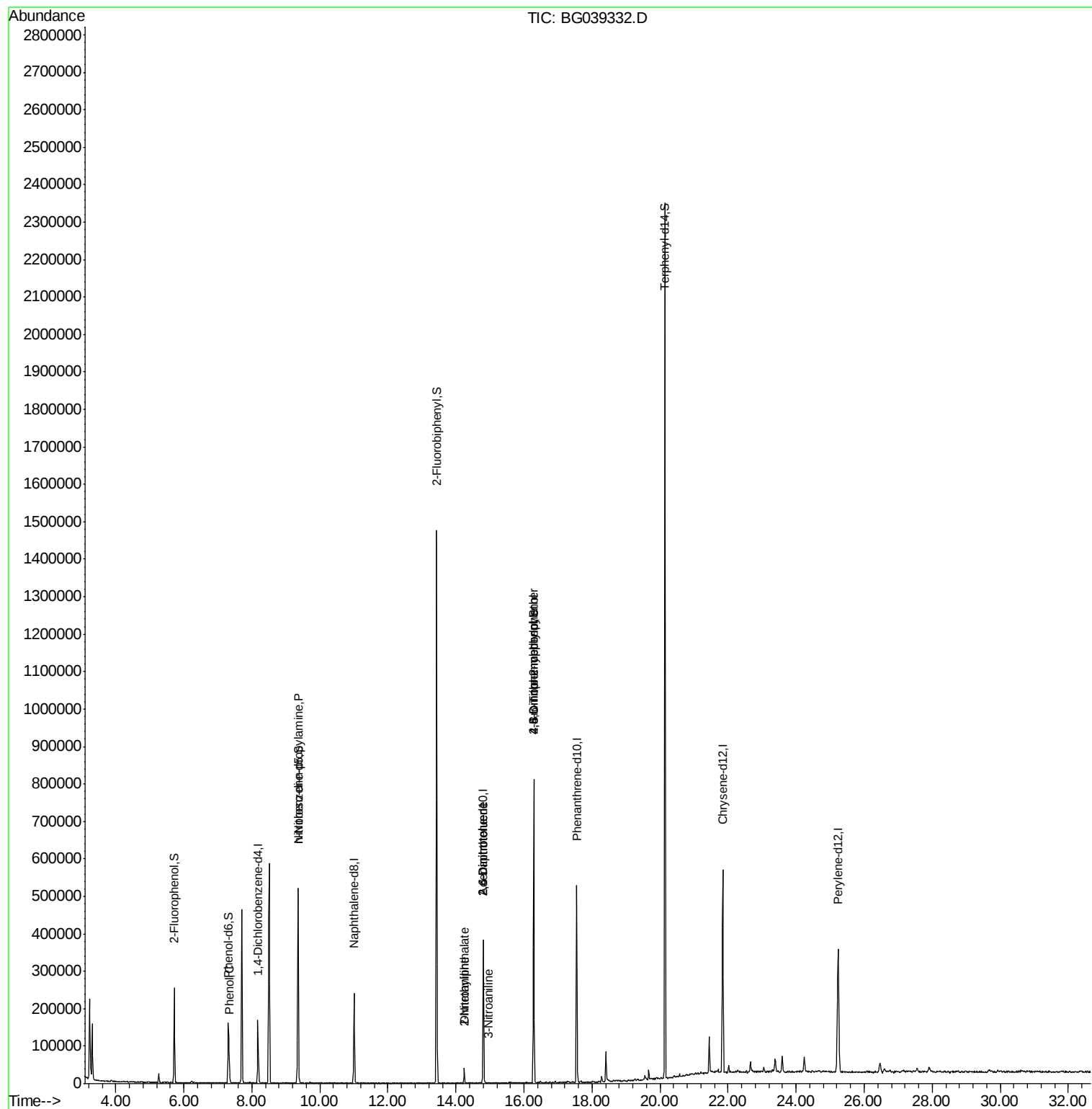
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.33	77	190	Below Cal		# 4
10) Phenol	7.34	94	23779	5.648	ng	96
19) n-Nitroso-di-n-propylamine	9.35	70	39056	13.625	ng	# 73
48) 2-Nitroaniline	14.24	65	369	8.426	ng	# 1
50) Dimethylphthalate	14.25	163	25405	2.410	ng	99
51) 2,6-Dinitrotoluene	14.80	165	16712	13.882	ng	# 27
53) 3-Nitroaniline	14.95	138	55	5.816	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	16712	13.367	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.29	198	578	4.751	ng	# 1
67) 4-Bromophenyl-phenylether	16.29	248	9718	2.727	ng	# 1

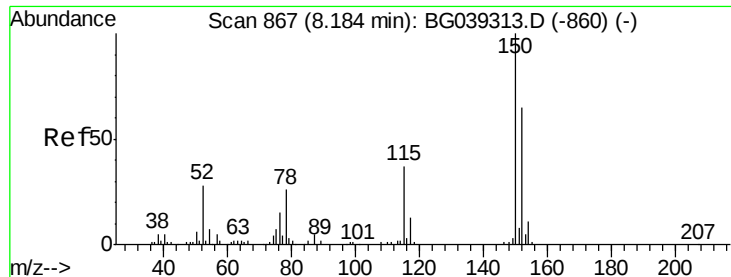
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
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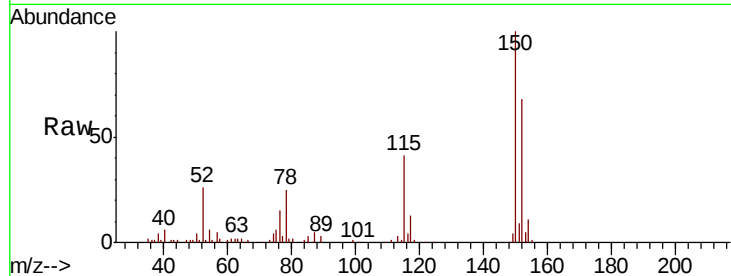


#1

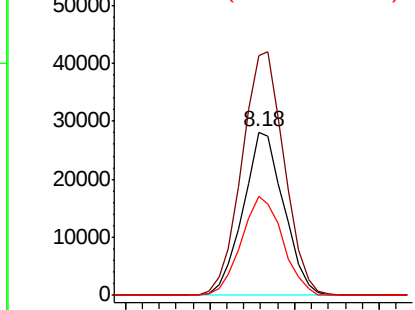
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

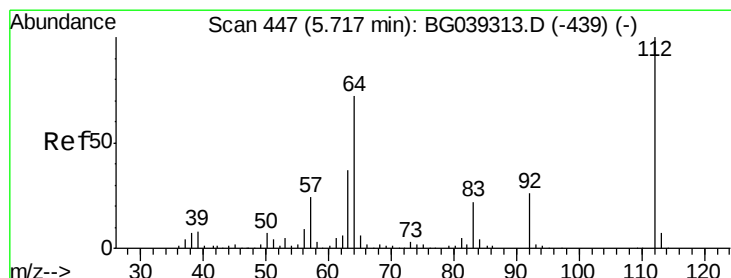
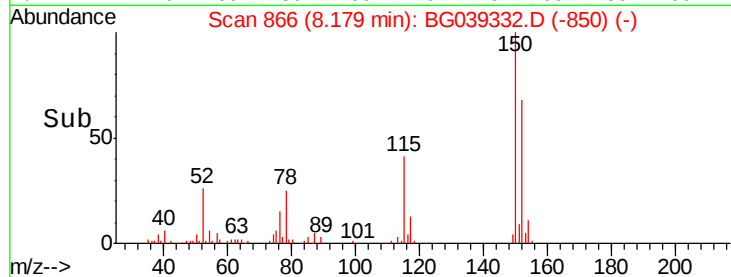
Tgt Ion:152 Resp: 46959
Ion Ratio Lower Upper
152 100
150 146.9 123.7 185.5
115 60.7 45.9 68.9



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



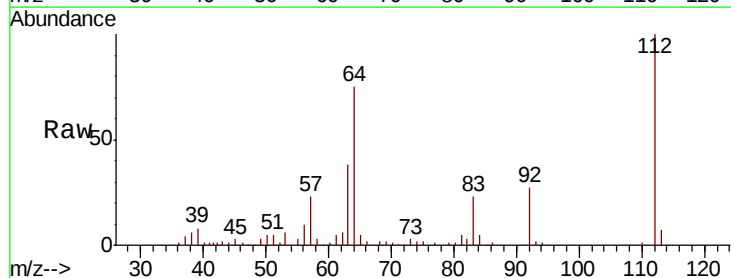
Time--> 8.10 8.15 8.20 8.25



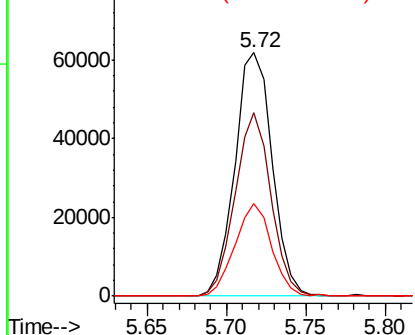
#5

2-Fluorophenol
Concen: 36.856 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

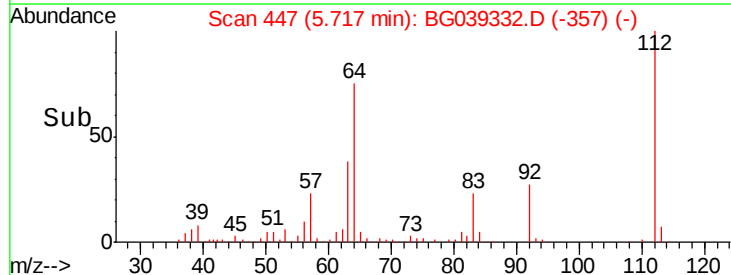
Tgt Ion:112 Resp: 101123
Ion Ratio Lower Upper
112 100
64 75.2 57.8 86.8
63 38.1 29.8 44.6

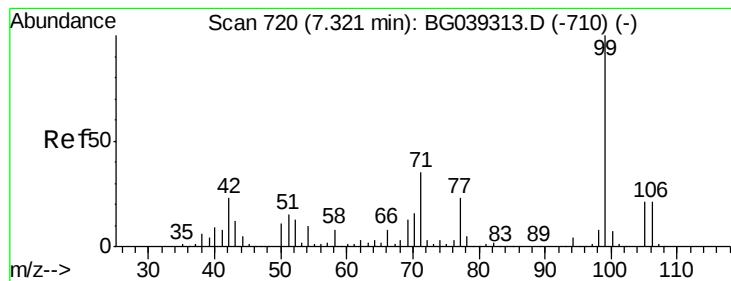


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time--> 5.65 5.70 5.75 5.80





#7

Phenol-d6

Concen: 21.416 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

Instrument :

BNA_G

ClientSampleId :

012819-SIDI-E-U-S

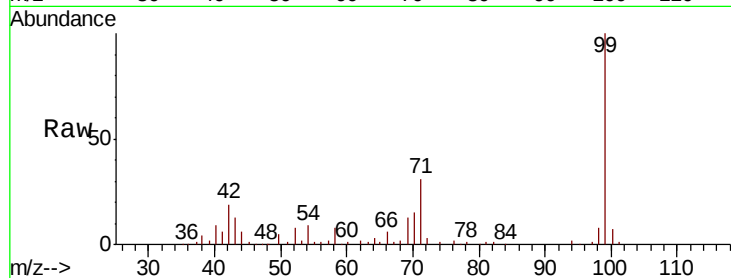
Tgt Ion: 99 Resp: 86494

Ion Ratio Lower Upper

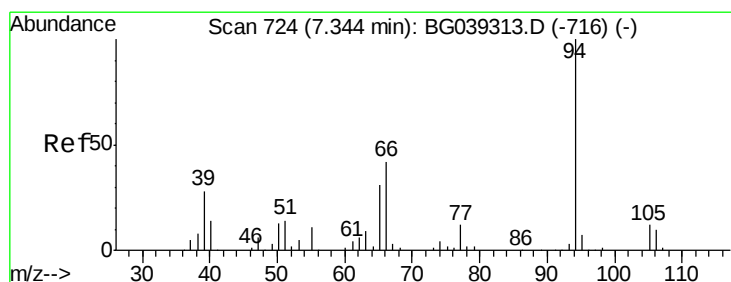
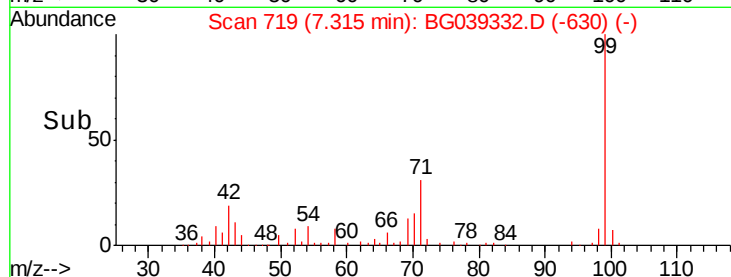
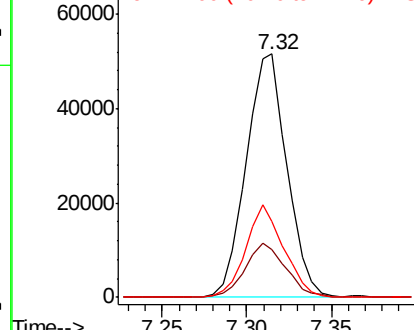
99 100

42 19.4 18.2 27.2

71 31.2 28.0 42.0



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



#10

Phenol

Concen: 5.648 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

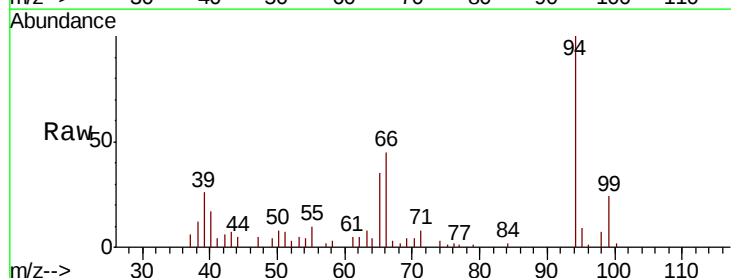
Tgt Ion: 94 Resp: 23779

Ion Ratio Lower Upper

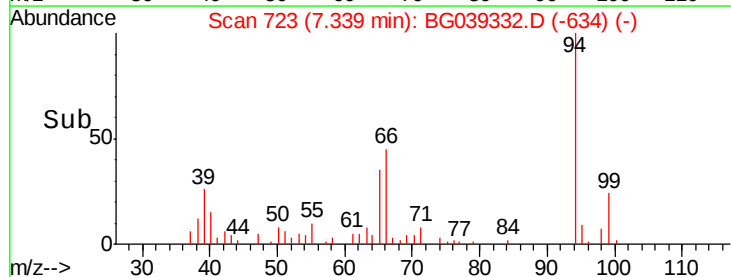
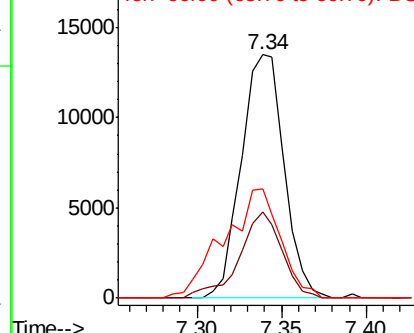
94 100

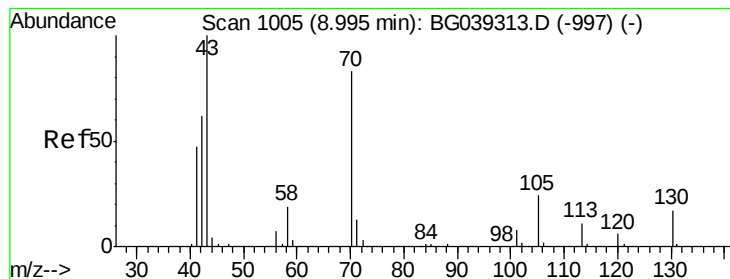
65 35.3 11.7 51.7

66 44.9 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 13.625 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

Instrument :

BNA_G

ClientSampleId :

012819-SIDI-E-U-S

Tgt Ion: 70 Resp: 39056

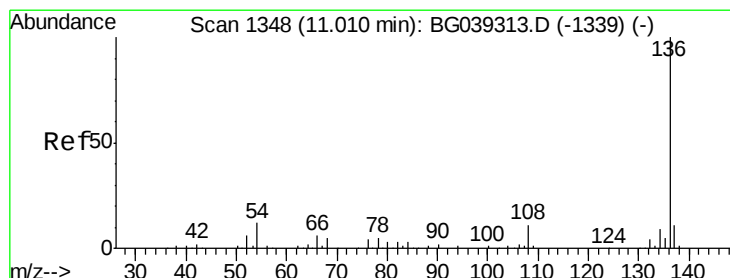
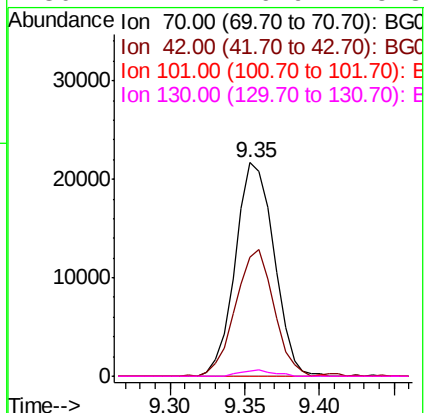
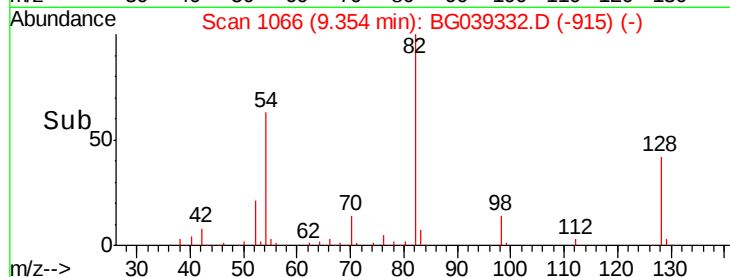
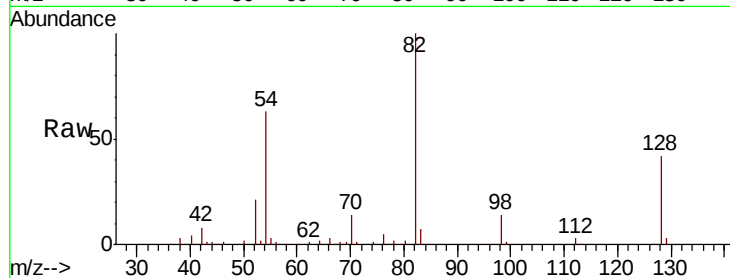
Ion Ratio Lower Upper

70 100

42 55.7 60.4 90.6#

101 0.0 7.5 11.3#

130 2.4 16.9 25.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

Tgt Ion: 136 Resp: 193177

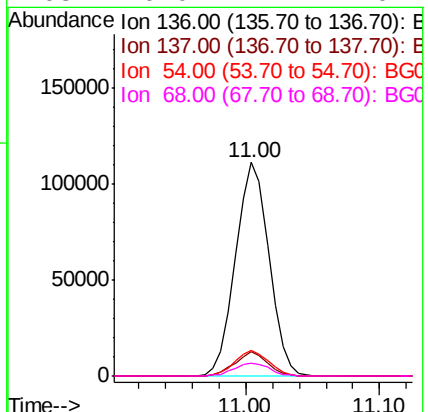
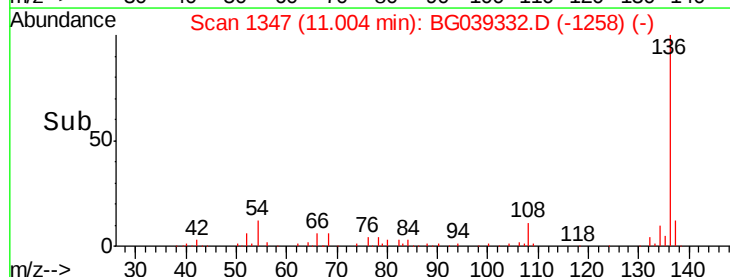
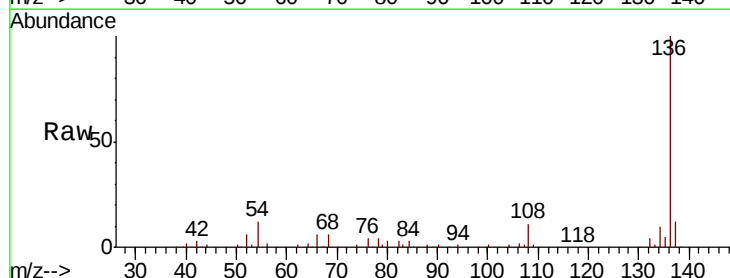
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 11.8 9.4 14.2

68 6.0 4.2 6.4

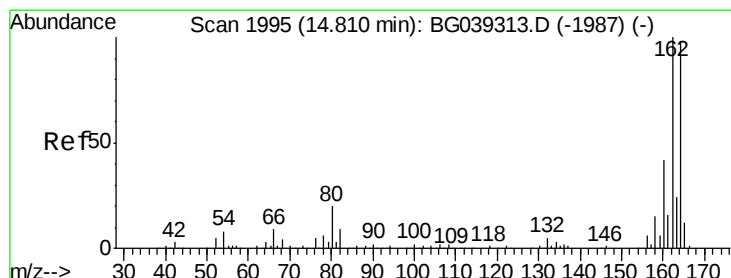
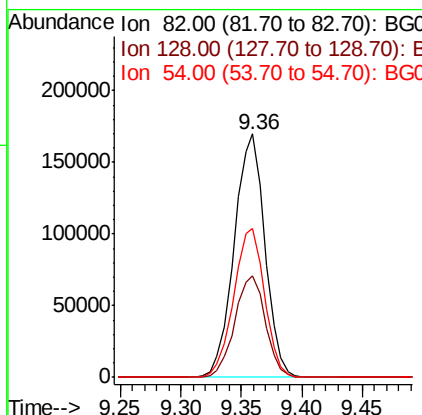
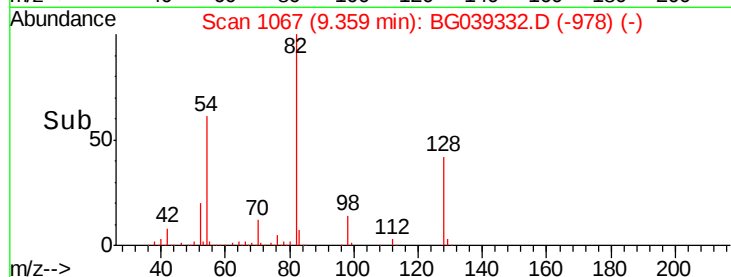
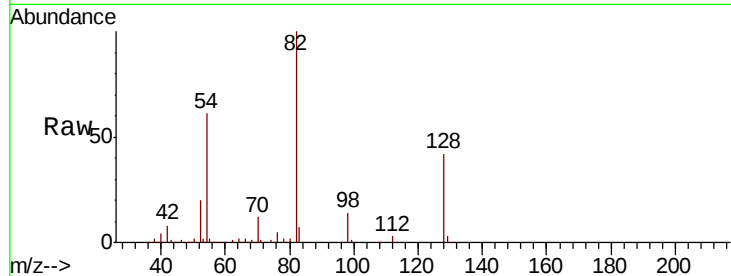




#23
Nitrobenzene-d5
Concen: 97.295 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

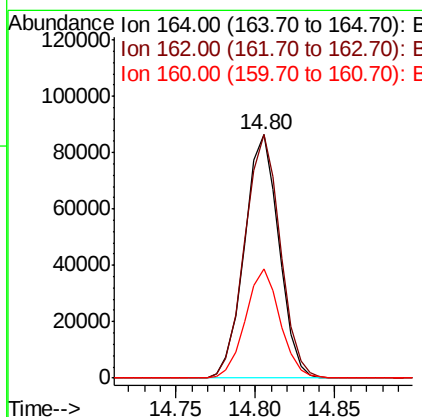
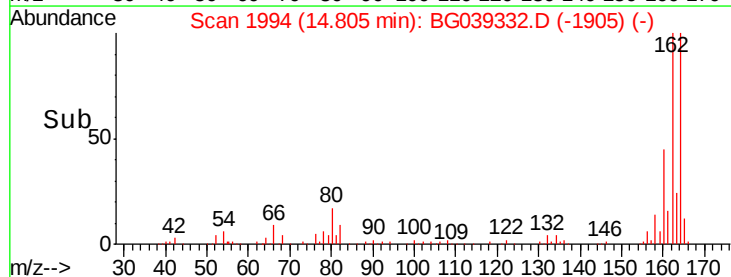
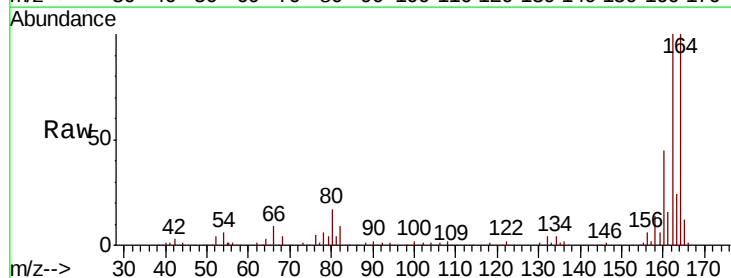
Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

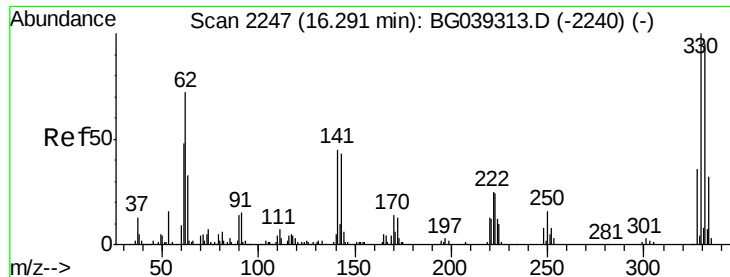
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	61.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.6	122.4
160	44.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 91.650 ng

RT: 16.29 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

Instrument :

BNA_G

ClientSampleId :

012819-SIDI-E-U-S

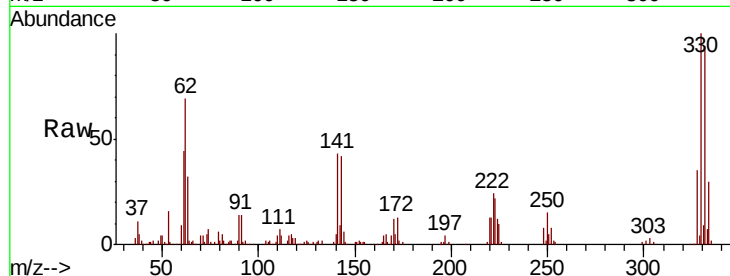
Tgt Ion:330 Resp: 128827

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

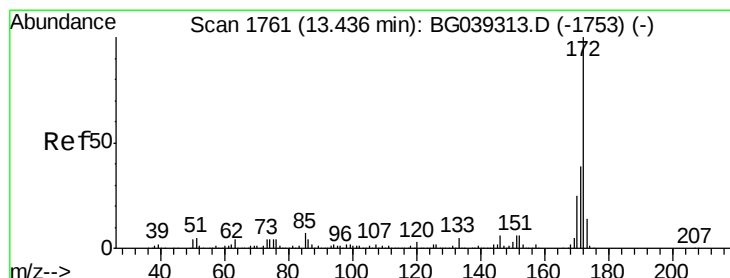
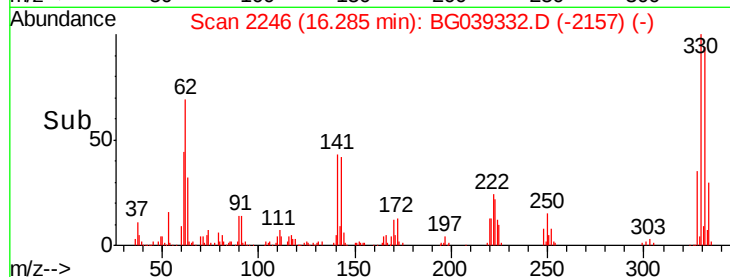
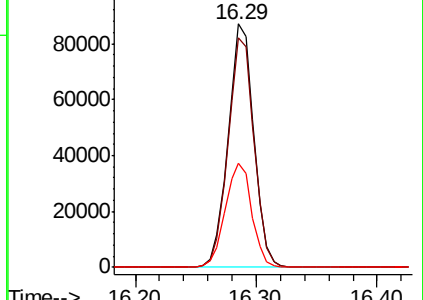
141 44.1 35.6 53.4



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: 82.490 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

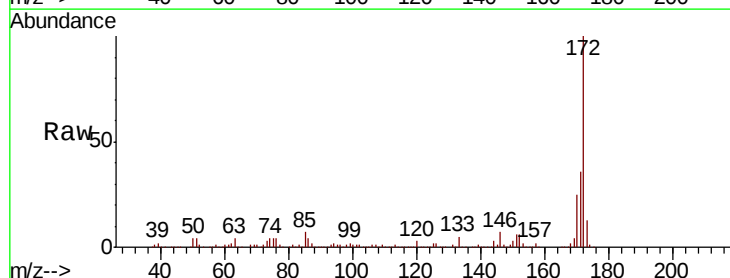
Tgt Ion:172 Resp: 750609

Ion Ratio Lower Upper

172 100

171 36.5 30.8 46.2

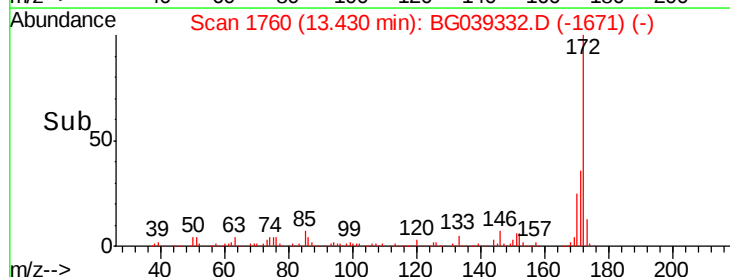
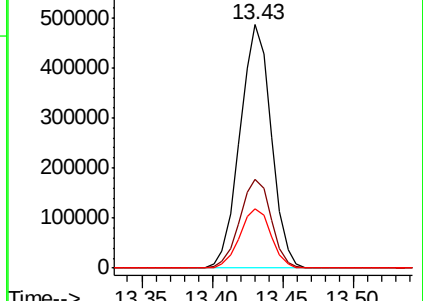
170 24.5 20.2 30.4

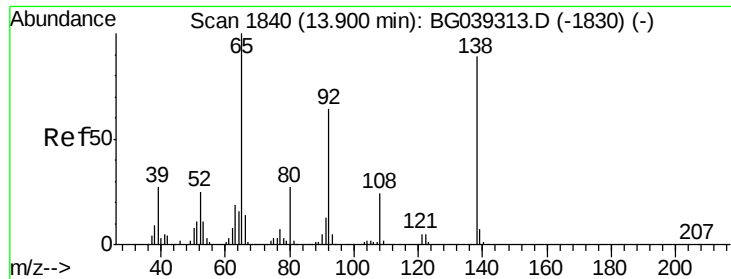


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 8.426 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.34 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

Instrument :

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012819-SIDI-E-U-S

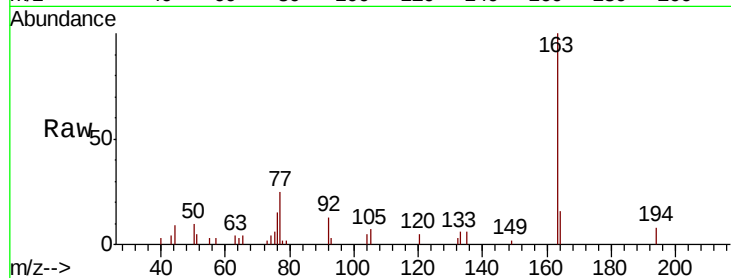
Tgt Ion: 65 Resp: 369

Ion Ratio Lower Upper

65 100

92 291.4 51.4 77.2#

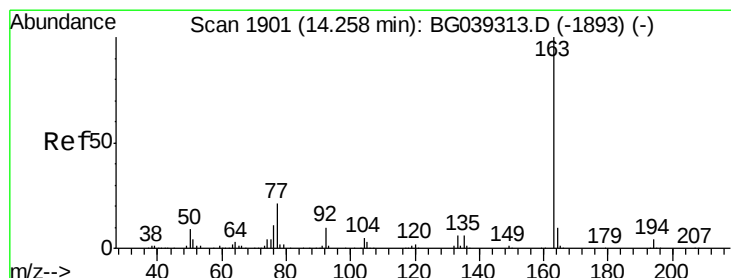
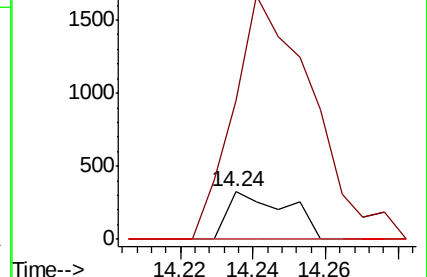
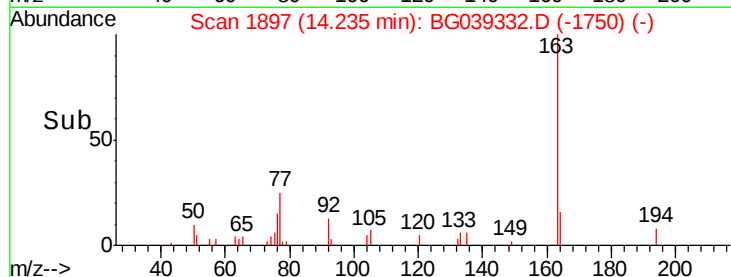
138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BG039332.D (-1750) (-)

Ion 92.00 (91.70 to 92.70): BG039332.D (-1750) (-)

Ion 138.00 (137.70 to 138.70): BG039332.D (-1750) (-)



#50

Dimethylphthalate

Concen: 2.410 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

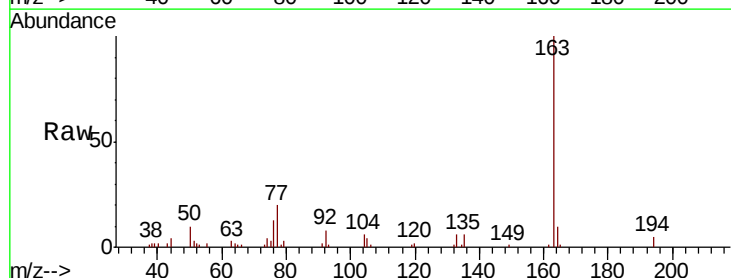
Tgt Ion: 163 Resp: 25405

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

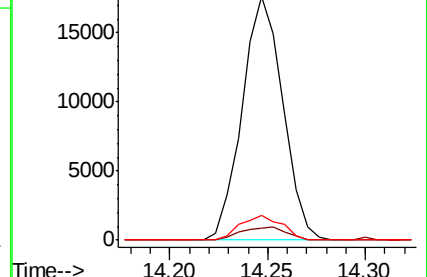
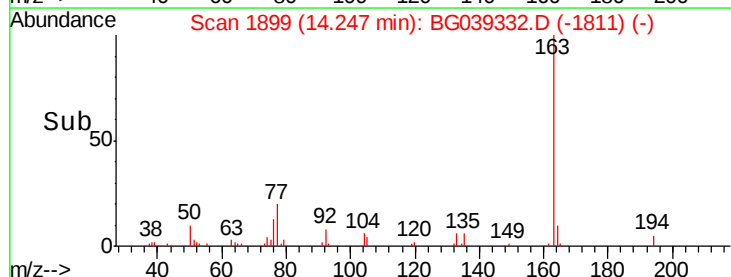
164 10.2 8.4 12.6

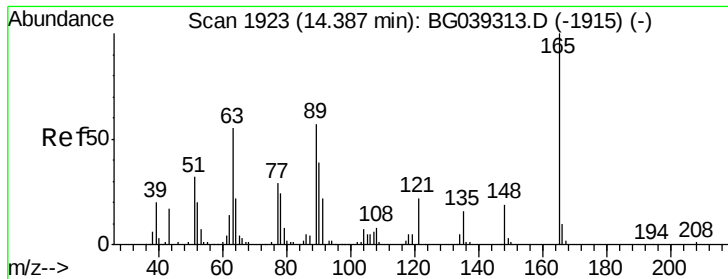


Abundance Ion 163.00 (162.70 to 163.70): BG039332.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BG039332.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BG039332.D (-1811) (-)

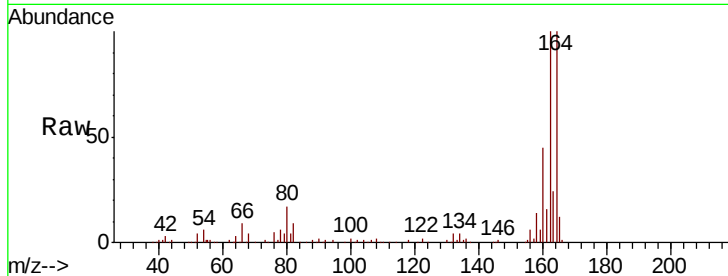




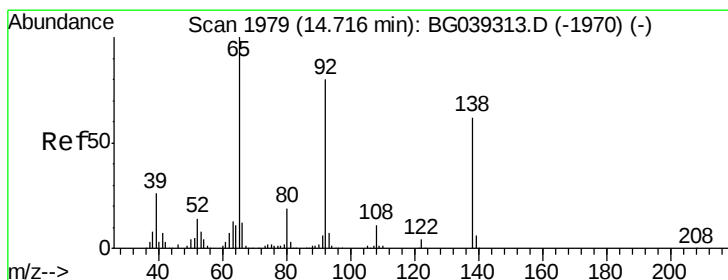
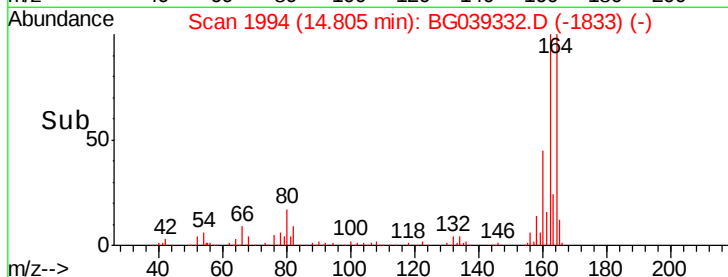
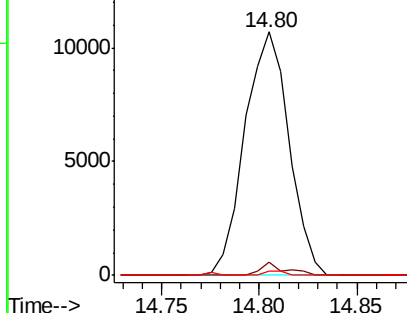
#51
 2,6-Dinitrotoluene
 Concen: 13.882 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.42 min
 Lab File: BG039332.D
 Acq: 30 Jan 2019 17:52

Instrument :
 BNA_G
 ClientSampleId :
 012819-SIDI-E-U-S

Tgt Ion:165 Resp: 16712
 Ion Ratio Lower Upper
 165 100
 63 5.6 47.0 70.6#
 89 2.0 45.8 68.8#

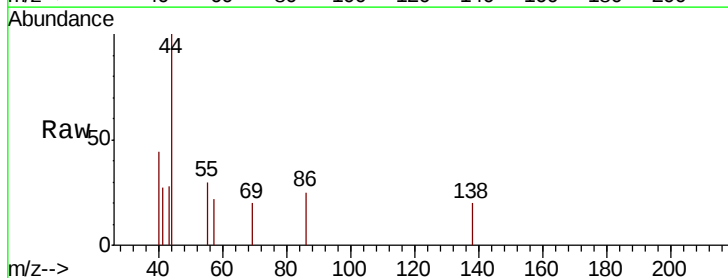


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

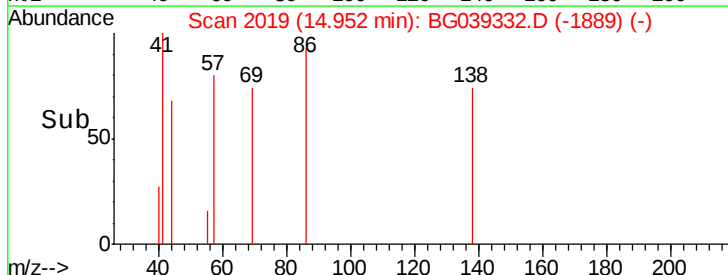
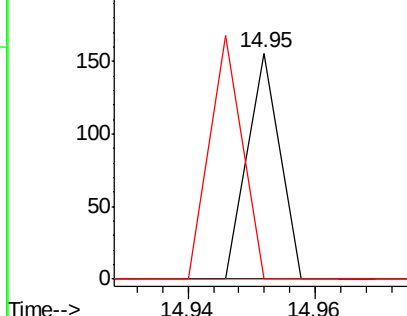


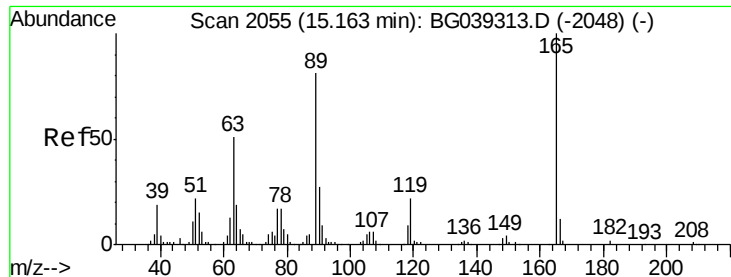
#53
 3-Nitroaniline
 Concen: 5.816 ng
 RT: 14.95 min Scan# 2019
 Delta R.T. 0.24 min
 Lab File: BG039332.D
 Acq: 30 Jan 2019 17:52

Tgt Ion:138 Resp: 55
 Ion Ratio Lower Upper
 138 100
 108 0.0 13.8 20.8#
 92 0.0 103.7 155.5#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC





#57

2,4-Dinitrotoluene

Concen: 13.367 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.36 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

Instrument :

BNA_G

ClientSampleId :

012819-SIDI-E-U-S

Tgt Ion:165 Resp: 16712

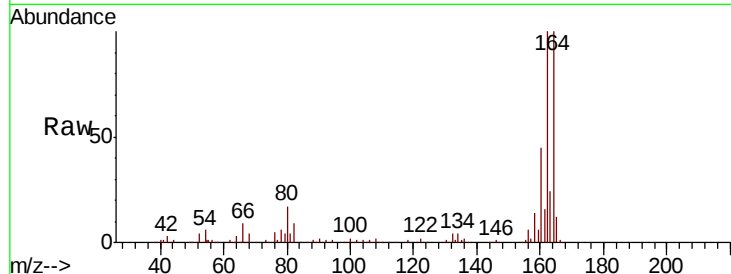
Ion Ratio Lower Upper

165 100

63 5.6 41.0 61.6#

89 2.0 64.6 96.8#

182 0.0 2.0 3.0#

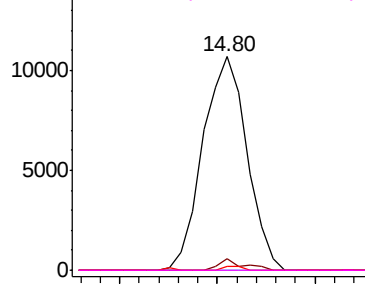


Abundance Ion 165.00 (164.70 to 165.70): E

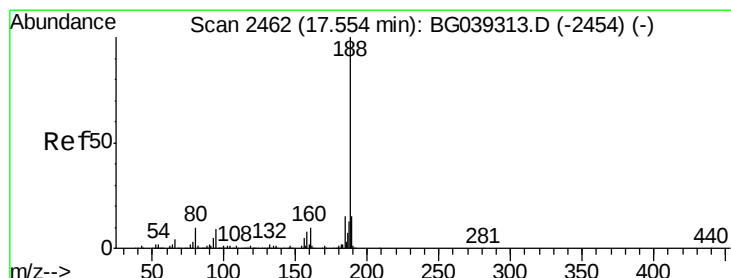
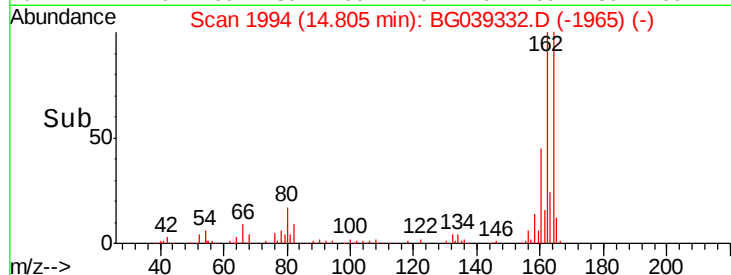
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

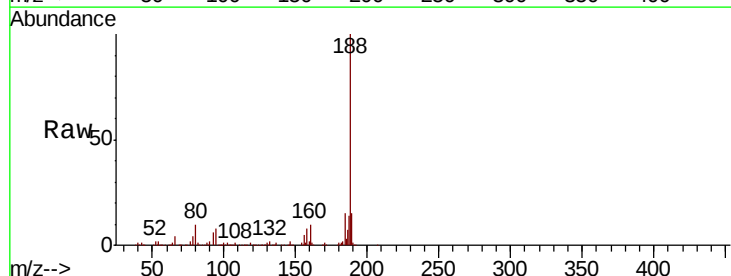
Tgt Ion:188 Resp: 321255

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

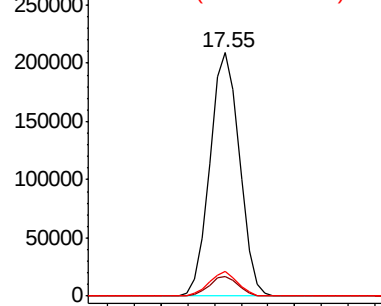
80 9.9 8.1 12.1



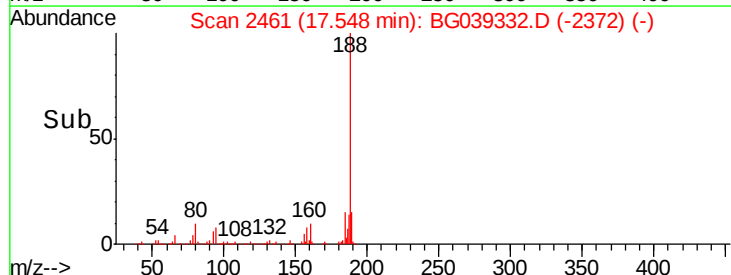
Abundance Ion 188.00 (187.70 to 188.70): E

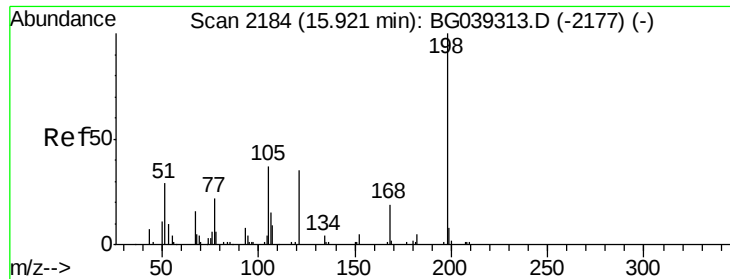
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 4.751 ng

RT: 16.29 min Scan# 2246

Delta R.T. 0.37 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

Instrument :

BNA_G

ClientSampleId :

012819-SIDI-E-U-S

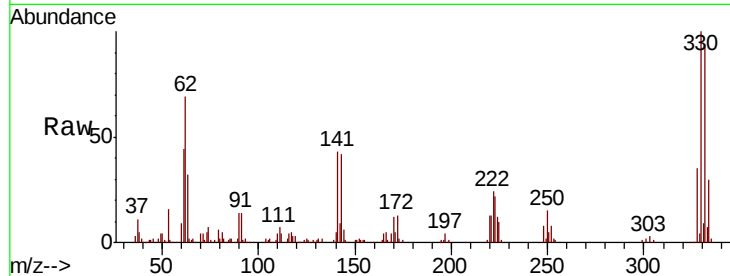
Tgt Ion:198 Resp: 578

Ion Ratio Lower Upper

198 100

51 153.8 27.4 67.4#

105 138.8 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

800

600

400

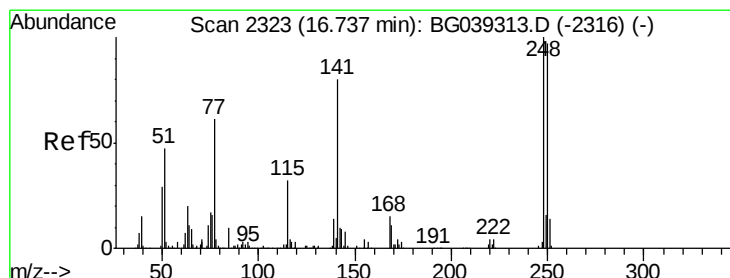
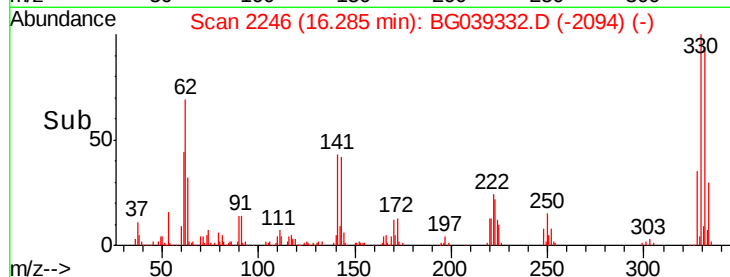
200

0

16.25

16.30

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.727 ng

RT: 16.29 min Scan# 2246

Delta R.T. -0.45 min

Lab File: BG039332.D

Acq: 30 Jan 2019 17:52

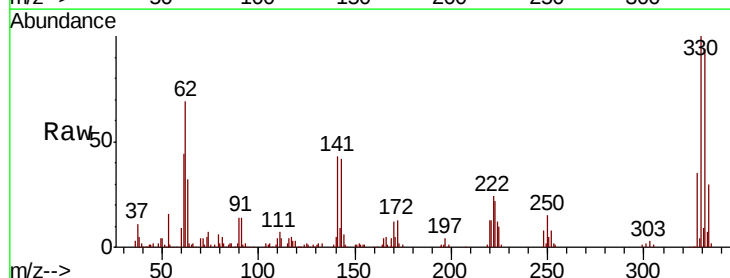
Tgt Ion:248 Resp: 9718

Ion Ratio Lower Upper

248 100

250 194.9 77.6 116.4#

141 544.0 63.9 95.9#



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

50000

40000

30000

20000

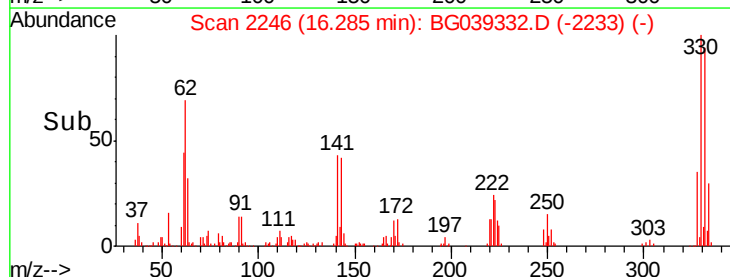
10000

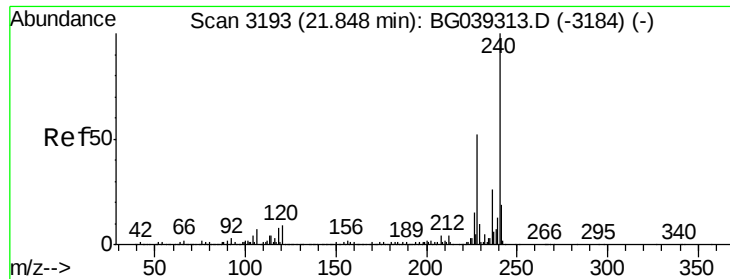
0

16.25

16.30

Time-->

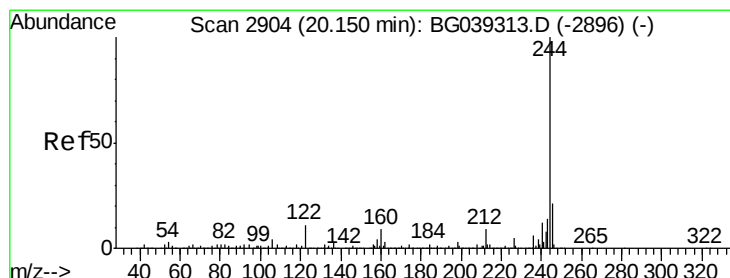
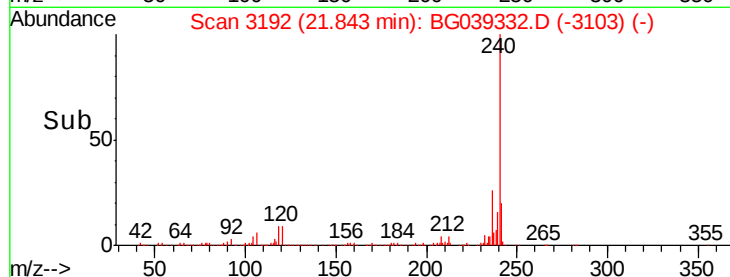
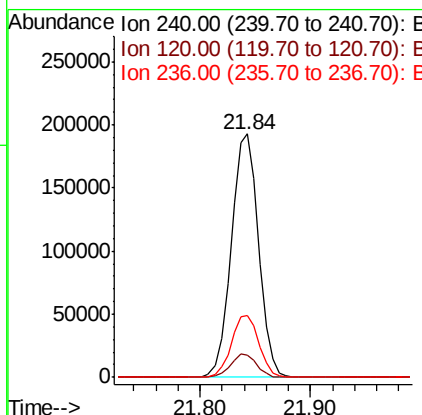
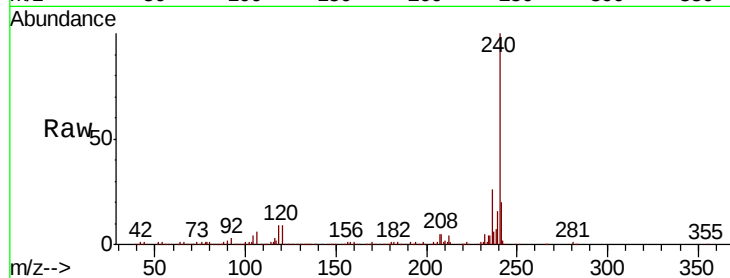




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

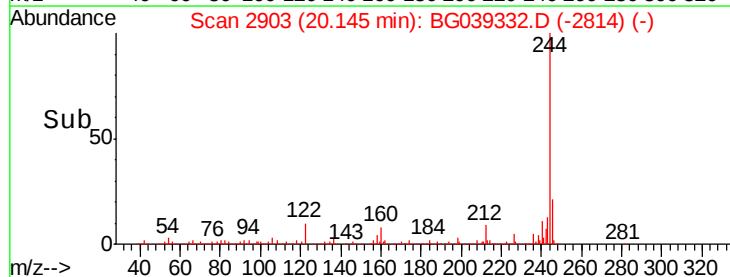
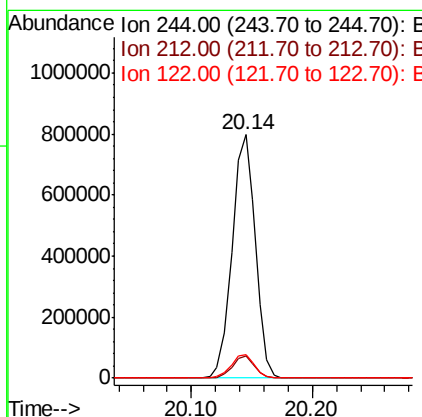
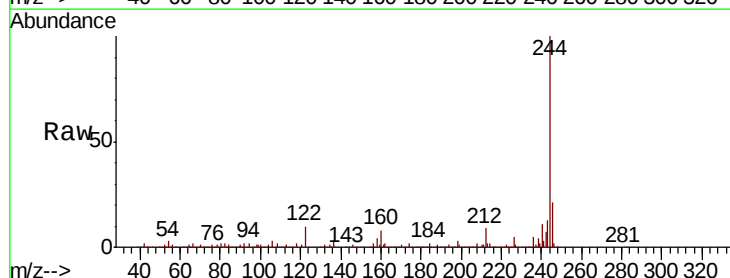
Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

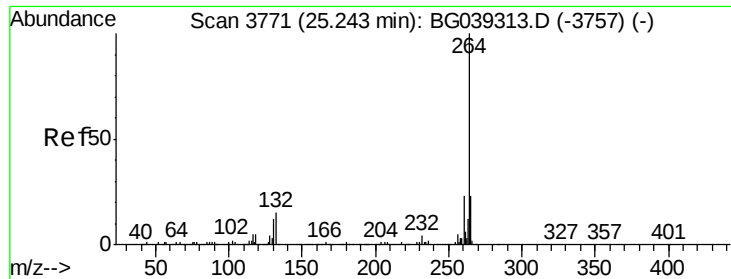
Tgt Ion:240 Resp: 331975
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 67.763 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:244 Resp: 1062776
Ion Ratio Lower Upper
244 100
212 9.0 7.3 10.9
122 9.8 8.4 12.6

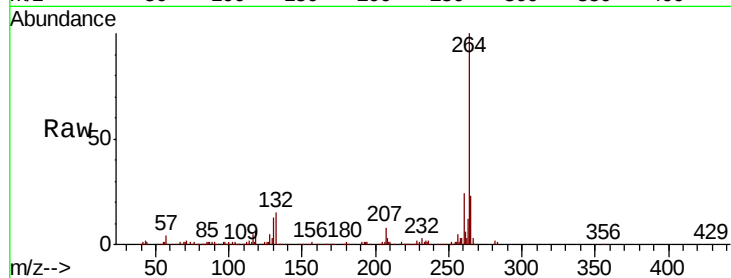




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion:	264	Resp:	334173
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.6	18.5	27.7



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

