

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041877.D
 Acq On : 1 Aug 2019 23:53
 Operator : HP/JU
 Sample : K4024-04RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Aug 02 01:35:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	80203	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	301060	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	202953	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	466879	20.00	ng	0.00
76) Chrysene-d12	21.73	240	639219	20.00	ng	0.00
87) Perylene-d12	25.00	264	756304	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	523704	127.04	ng	0.00
7) Phenol-d6	7.19	99	631280	113.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	473465	108.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	341031	147.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1203927	104.62	ng	-0.01
79) Terphenyl-d14	20.06	244	2271280	81.31	ng	0.00

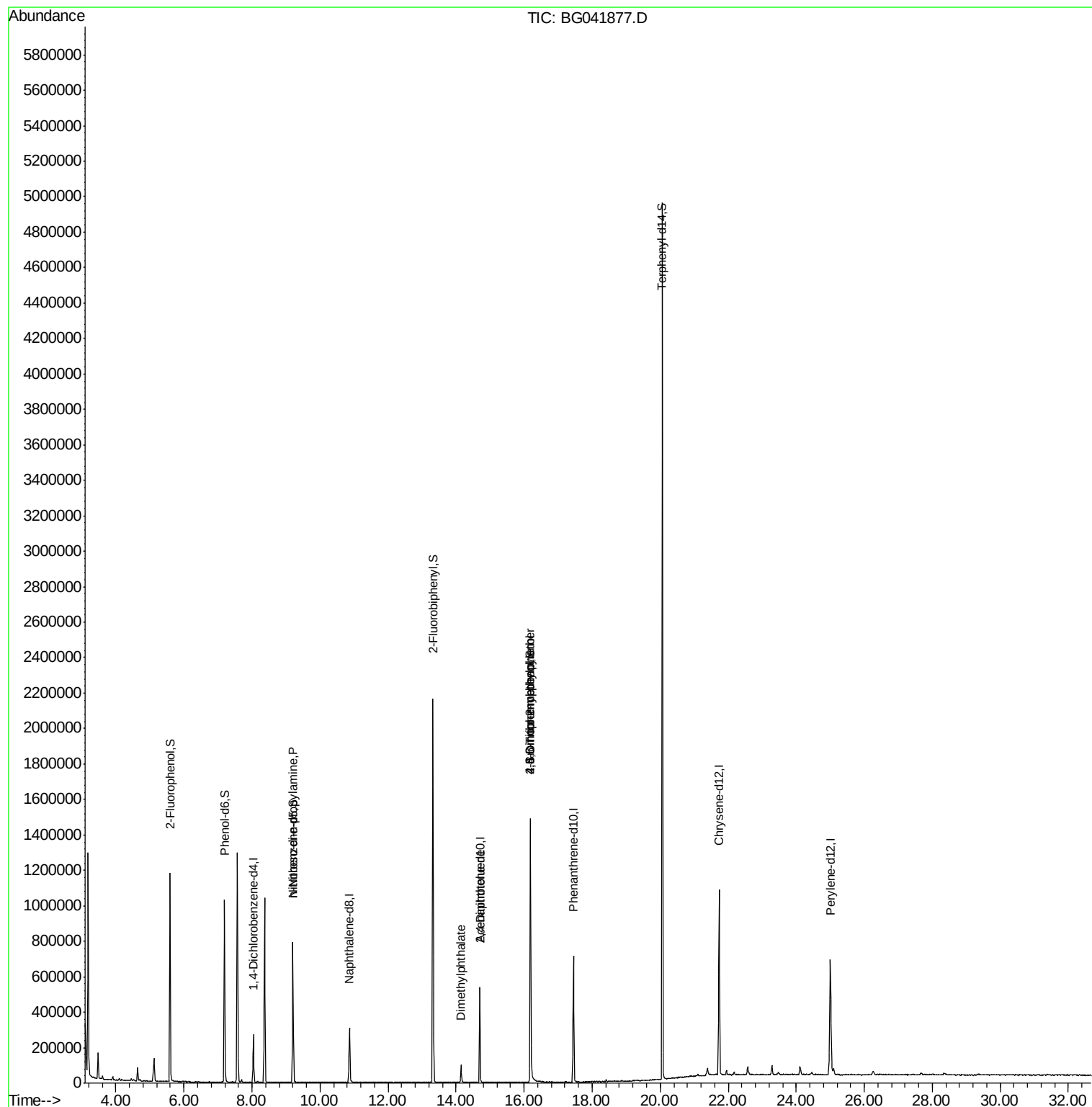
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	63909	15.840	ng	# 67
50) Dimethylphthalate	14.15	163	84400	6.089	ng	99
57) 2,4-Dinitrotoluene	14.70	165	26533	6.657	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.18	198	851	7.172	ng	# 1
67) 4-Bromophenyl-phenylether	16.18	248	25711	4.471	ng	# 1

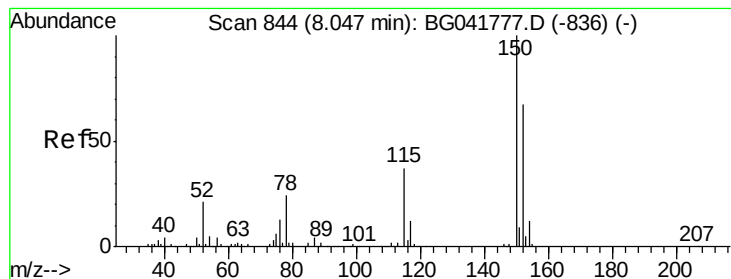
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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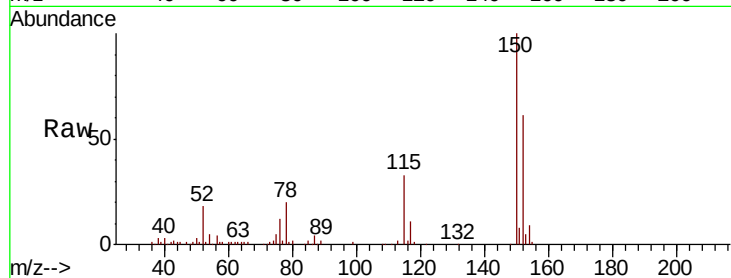


#1

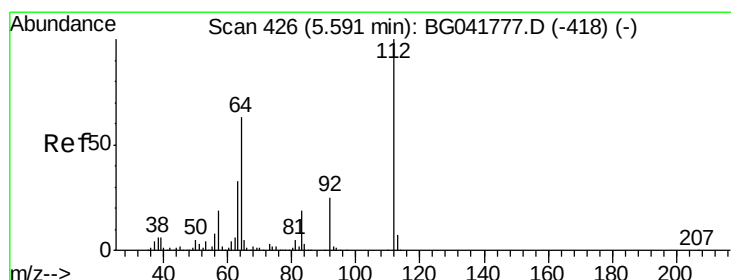
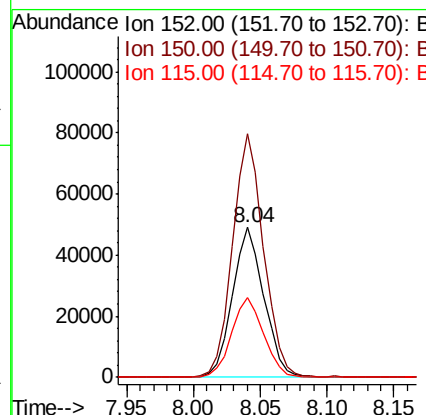
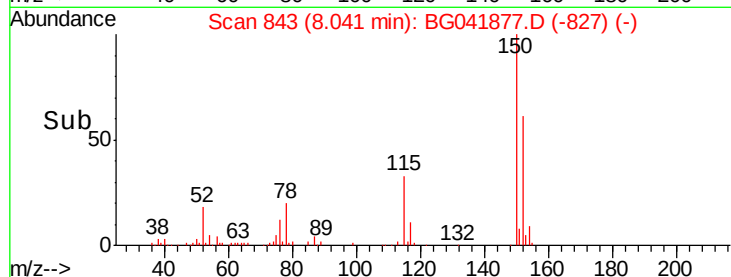
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041877.D
Acq: 1 Aug 2019 23:53

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 80203
Ion Ratio Lower Upper
152 100
150 162.8 126.9 190.3
115 53.0 45.0 67.6



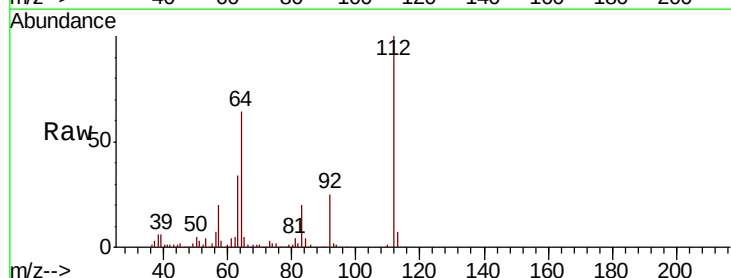
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



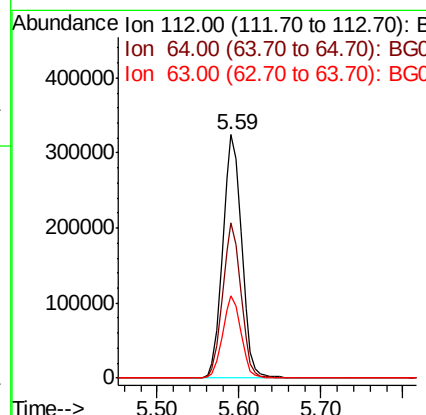
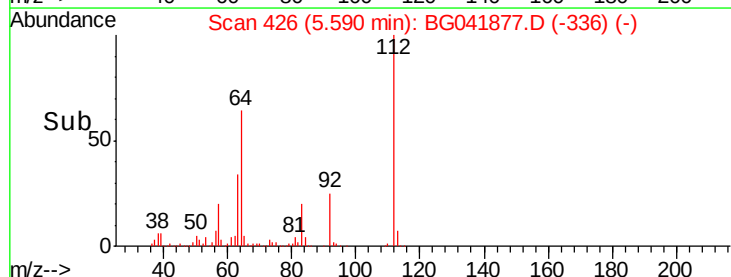
#5

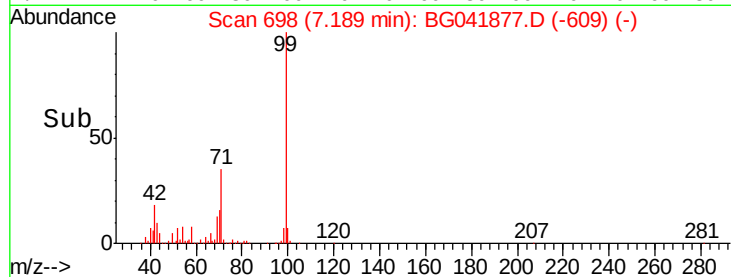
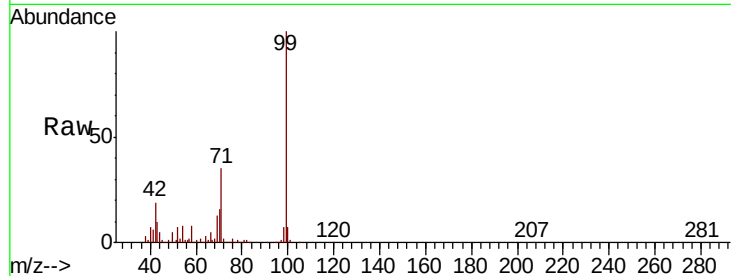
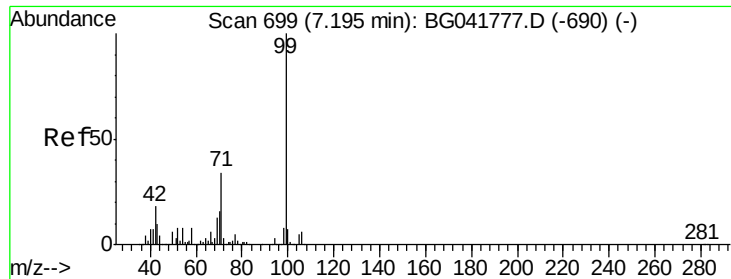
2-Fluorophenol
Concen: 127.044 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041877.D
Acq: 1 Aug 2019 23:53

Tgt Ion:112 Resp: 523704
Ion Ratio Lower Upper
112 100
64 63.6 55.4 83.2
63 33.6 29.1 43.7



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: 113.592 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

Instrument :

BNA_F

ClientSampleId :

TP-8

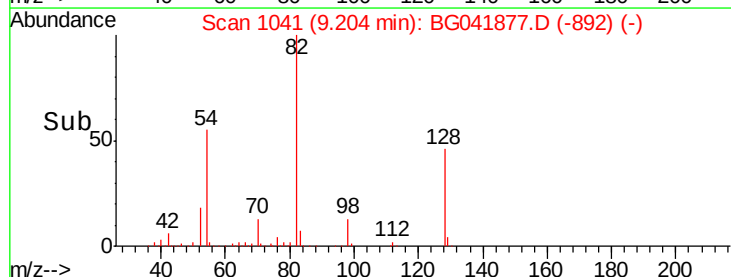
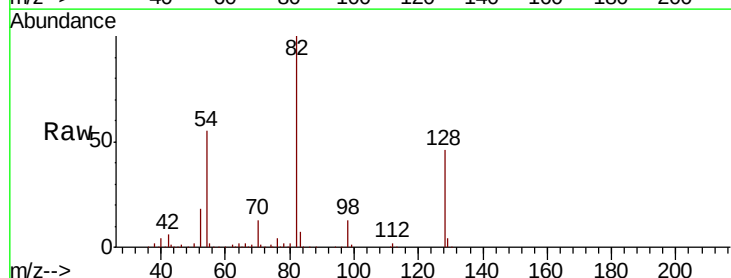
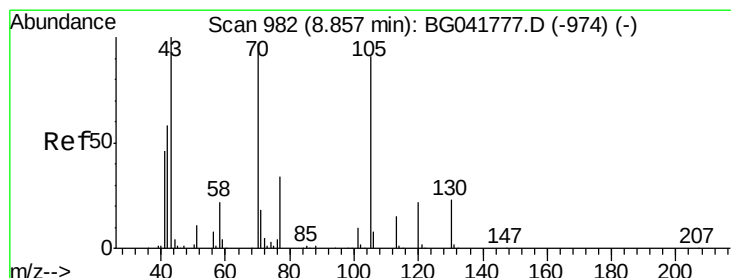
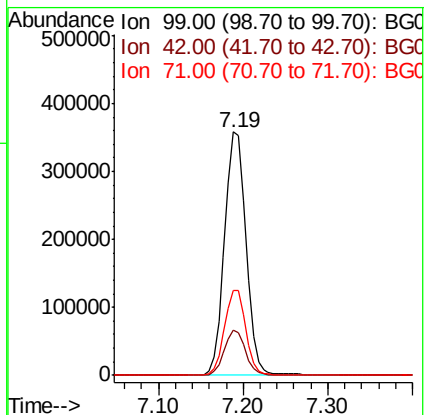
Tgt Ion: 99 Resp: 631280

Ion Ratio Lower Upper

99 100

42 18.6 17.6 26.4

71 34.6 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.840 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

Tgt Ion: 70 Resp: 63909

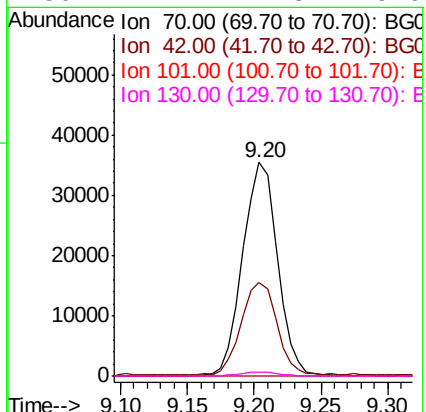
Ion Ratio Lower Upper

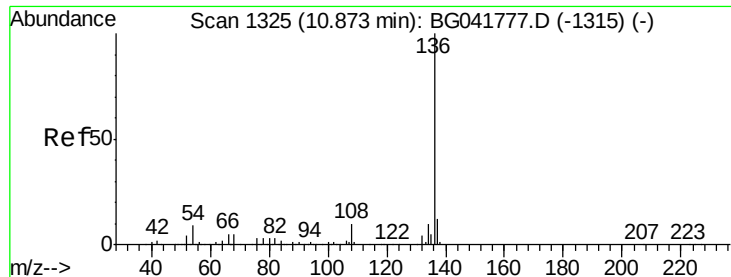
70 100

42 43.8 55.8 83.6#

101 0.0 8.1 12.1#

130 1.7 17.3 25.9#

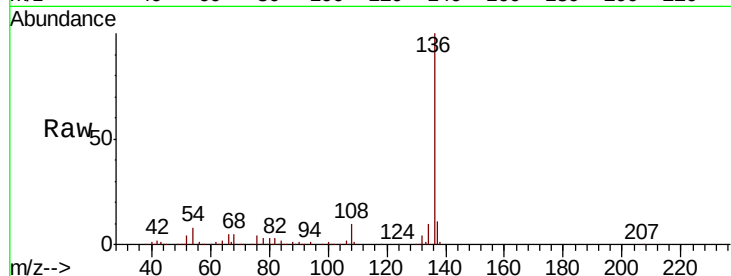




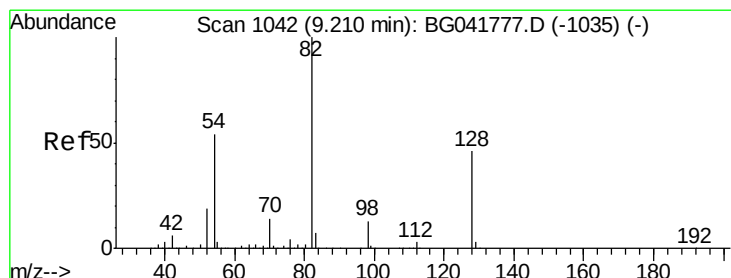
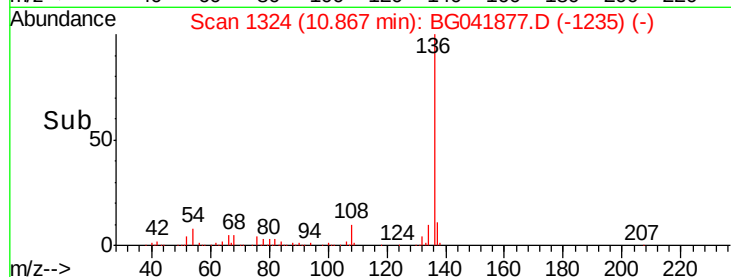
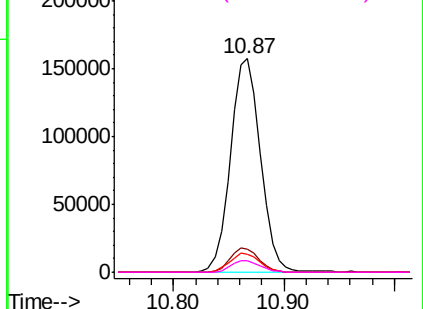
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041877.D
Acq: 1 Aug 2019 23:53

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:	136	Resp:	301060
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.3	8.7	13.1#
68	5.1	5.5	8.3#

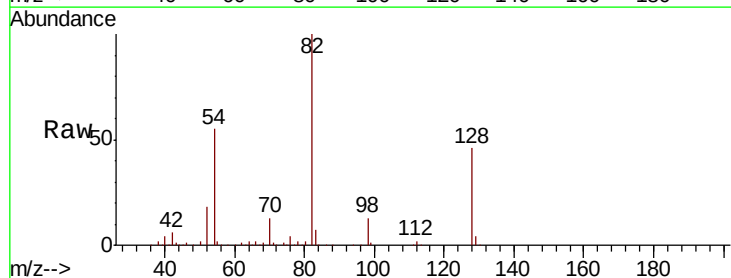


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

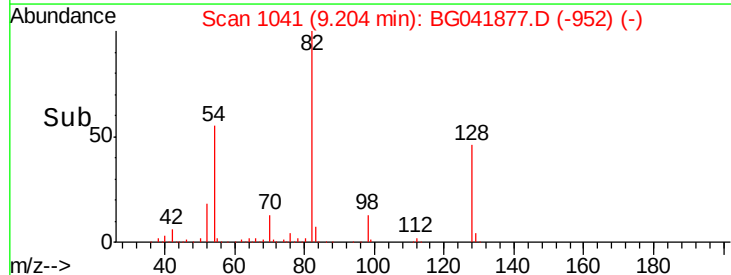
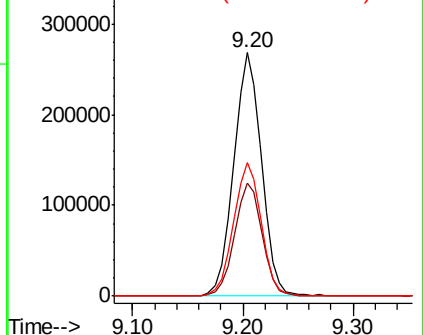


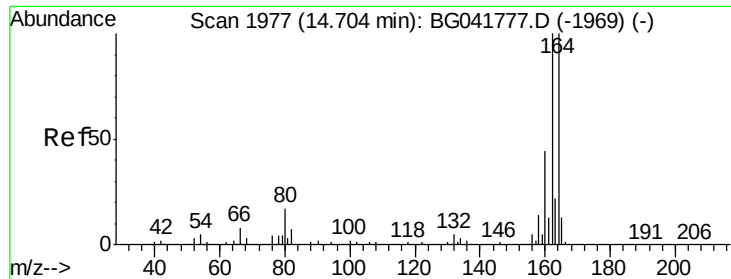
#23
Nitrobenzene-d5
Concen: 108.224 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041877.D
Acq: 1 Aug 2019 23:53

Tgt Ion:	82	Resp:	473465
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	54.8	48.7	73.1



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

Instrument :

BNA_F

ClientSampleId :

TP-8

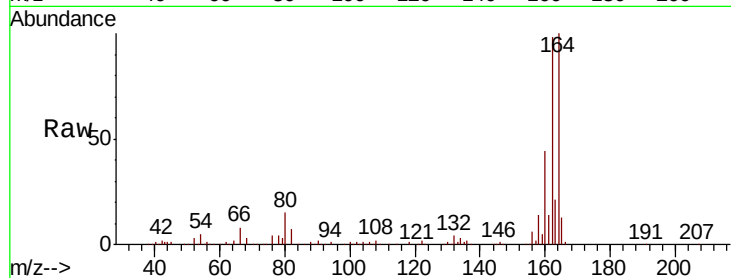
Tgt Ion:164 Resp: 202953

Ion Ratio Lower Upper

164 100

162 98.2 79.6 119.4

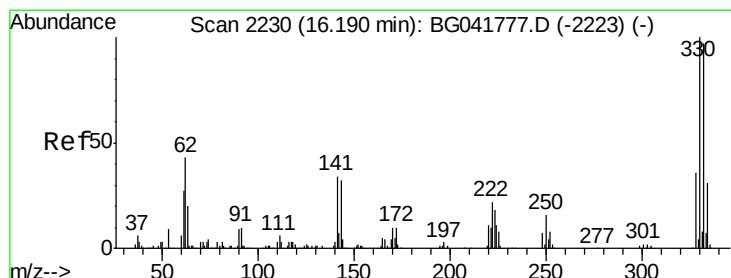
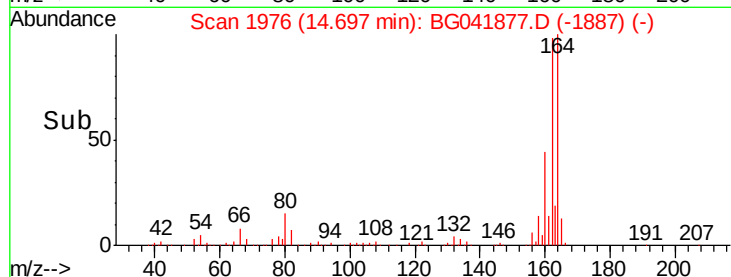
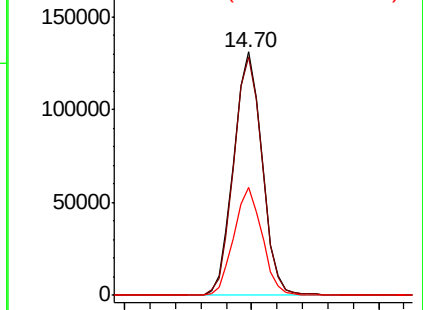
160 44.1 35.4 53.0



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: 147.935 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

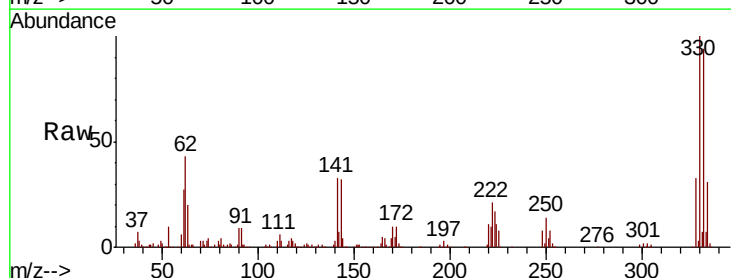
Tgt Ion:330 Resp: 341031

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

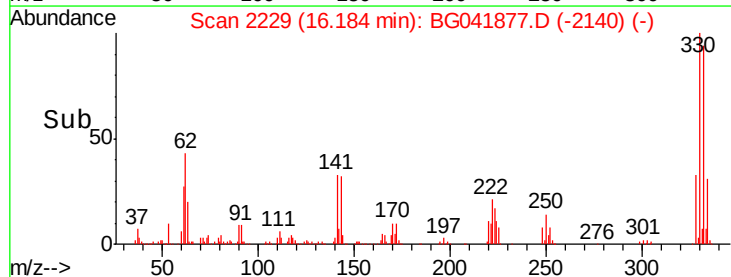
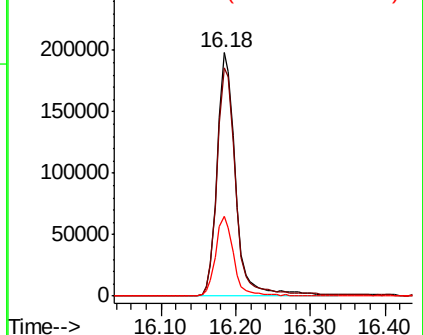
141 32.0 31.9 47.9

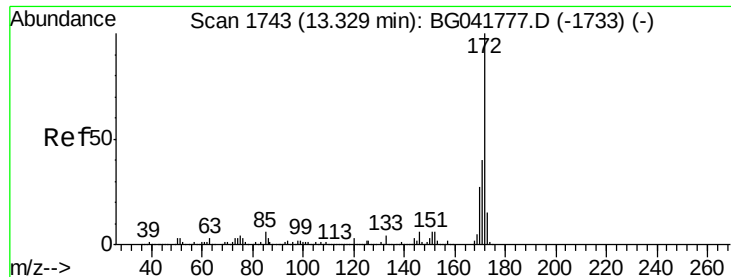


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

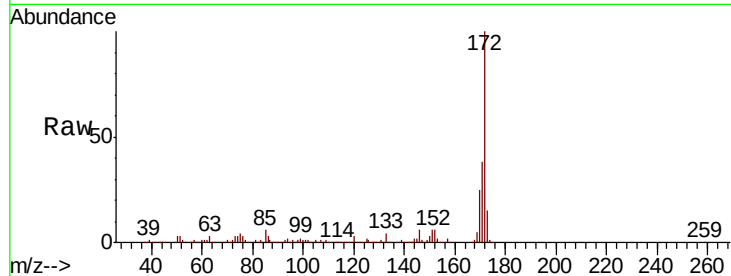




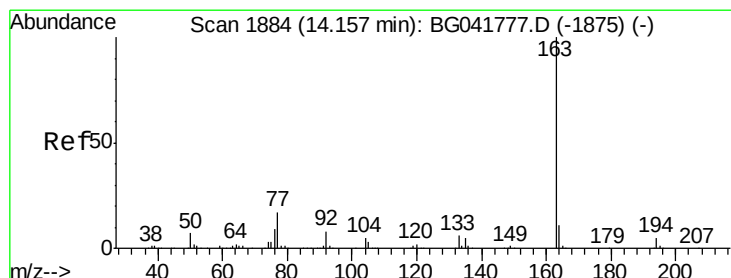
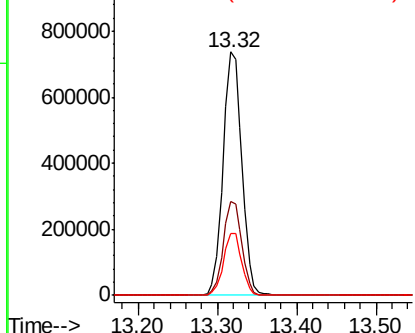
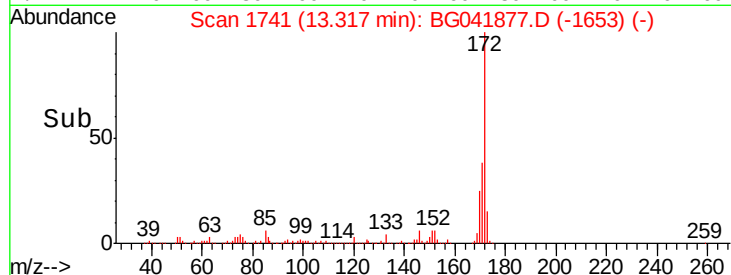
#45
 2-Fluorobiphenyl
 Concen: 104.625 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:172 Resp: 1203927
 Ion Ratio Lower Upper
 172 100
 171 38.5 35.0 52.4
 170 25.3 23.5 35.3

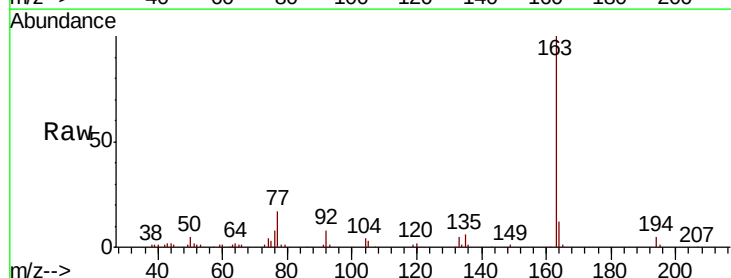


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

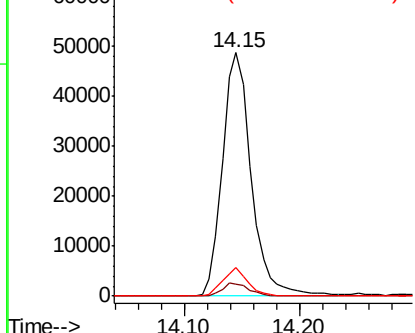
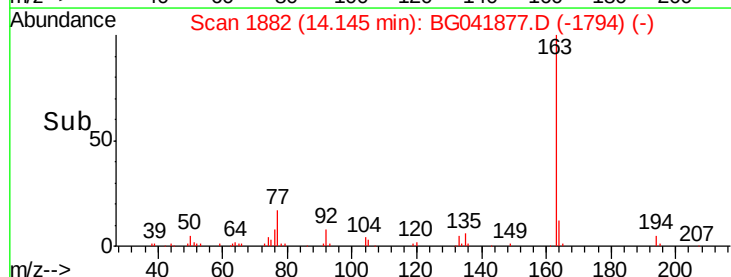


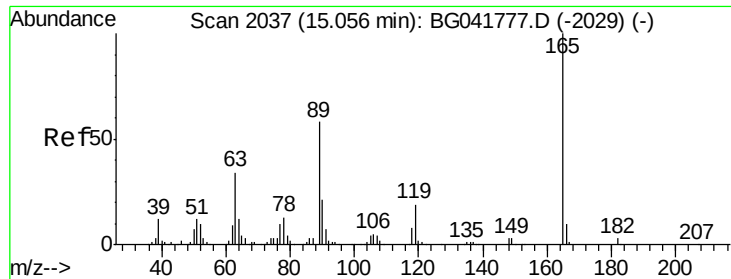
#50
 Dimethylphthalate
 Concen: 6.089 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

Tgt Ion:163 Resp: 84400
 Ion Ratio Lower Upper
 163 100
 194 4.9 4.2 6.2
 164 11.6 9.4 14.2



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

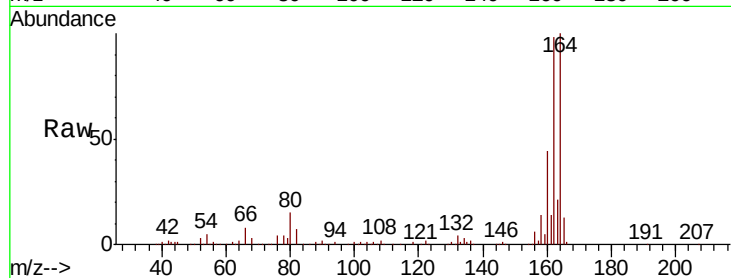




#57
 2,4-Dinitrotoluene
 Concen: 6.657 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	31.7	47.5#
89	1.4	50.2	75.4#
182	0.0	2.6	4.0#

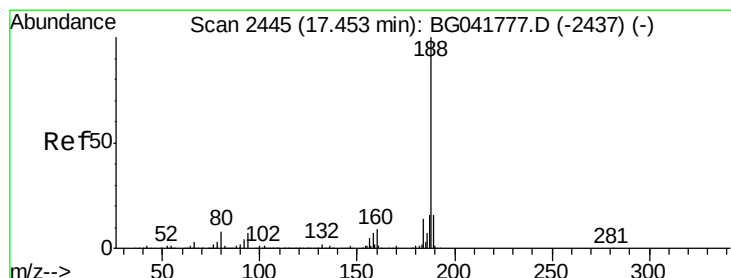
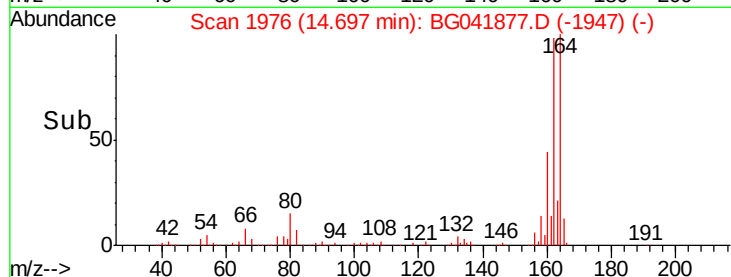
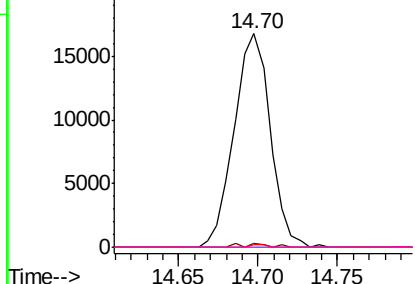


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

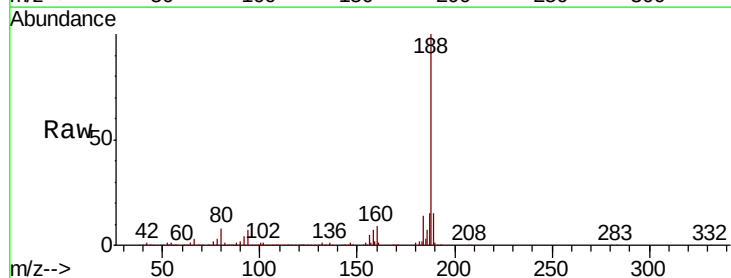
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

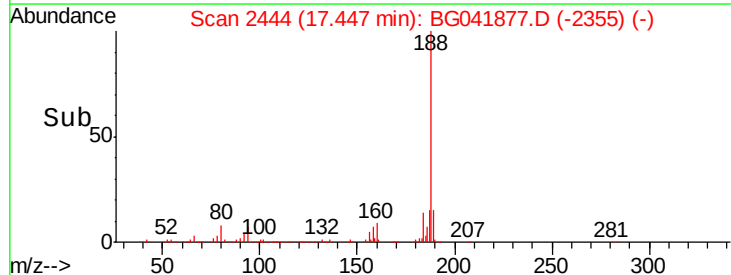
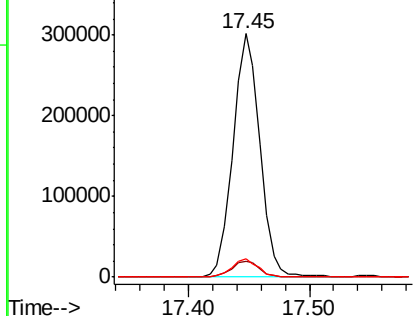
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.5	8.0	12.0#

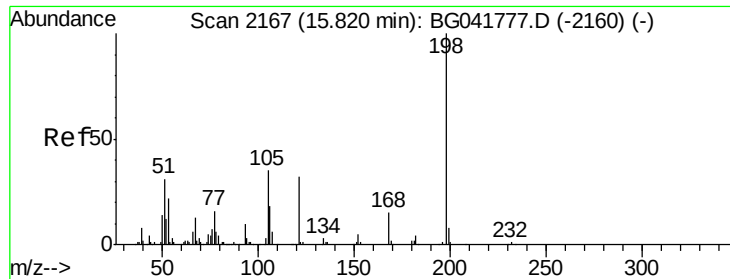


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

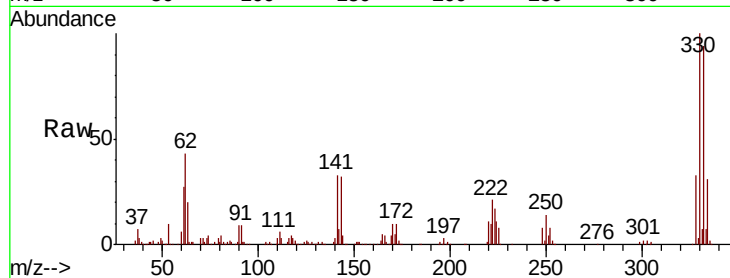




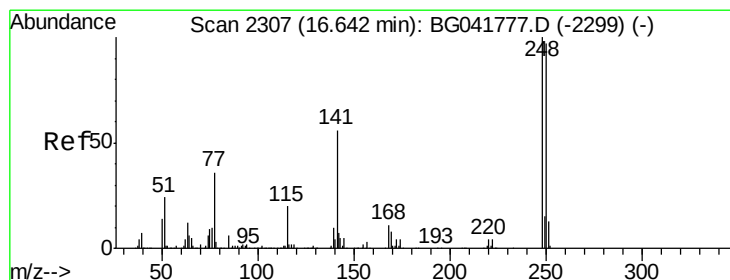
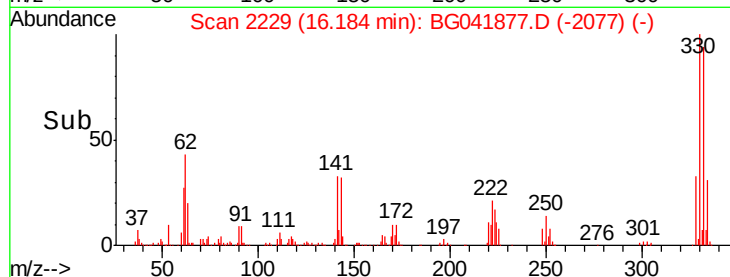
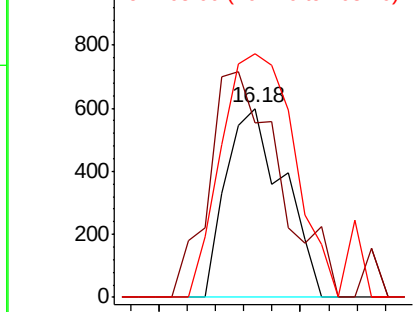
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.172 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.36 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:198 Resp: 851
 Ion Ratio Lower Upper
 198 100
 51 92.0 22.3 62.3#
 105 128.7 18.0 58.0#

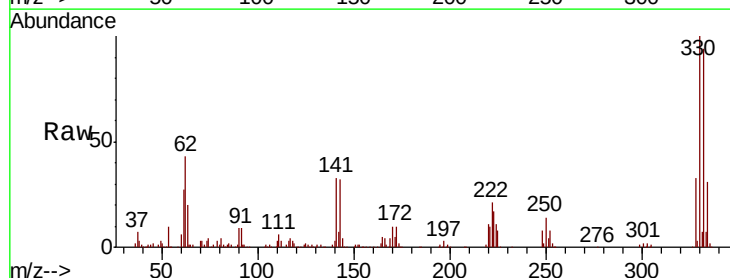


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG041877.D (-2160) (-)
 Ion 105.00 (104.70 to 105.70): E

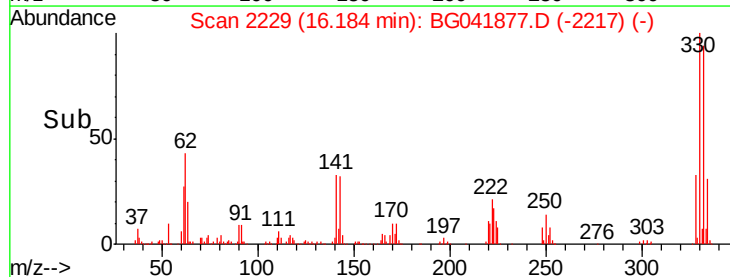
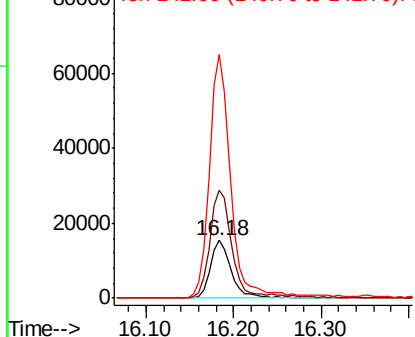


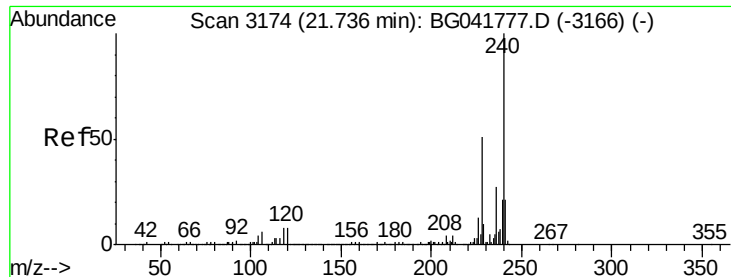
#67
 4-Bromophenyl-phenylether
 Concen: 4.471 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

Tgt Ion:248 Resp: 25711
 Ion Ratio Lower Upper
 248 100
 250 187.0 78.1 117.1#
 141 423.4 49.6 74.4#



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

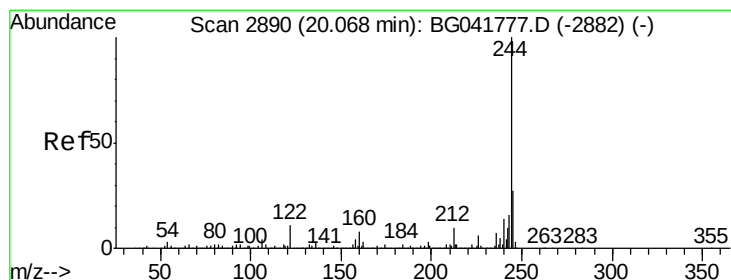
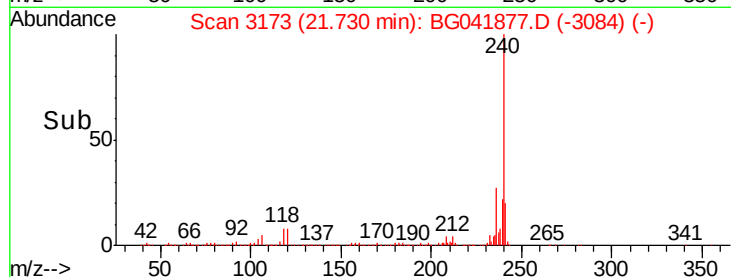
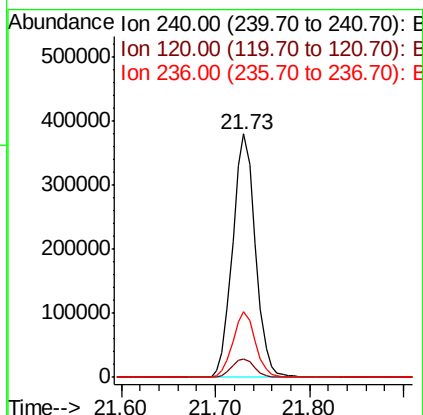
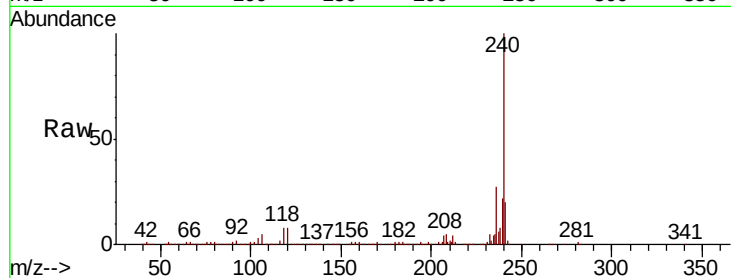




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

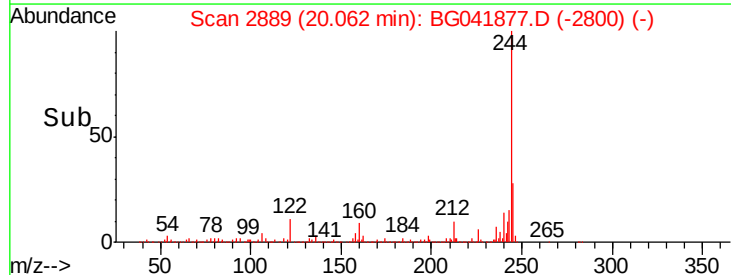
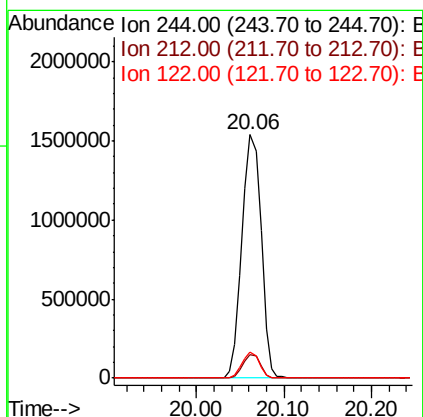
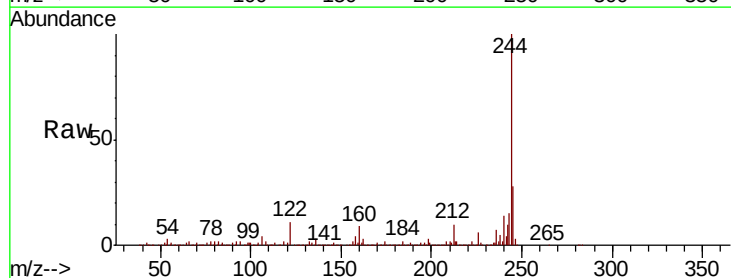
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

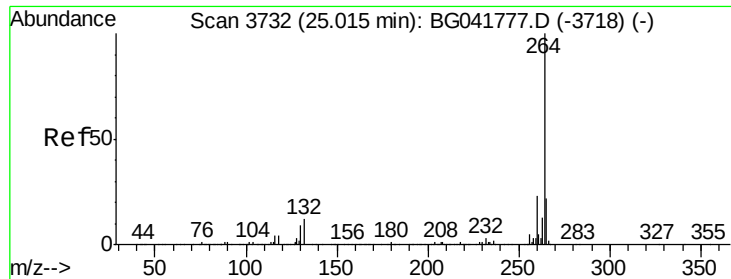
Tgt Ion:240 Resp: 639219
 Ion Ratio Lower Upper
 240 100
 120 7.8 8.0 12.0#
 236 26.8 22.6 33.8



#79
 Terphenyl-d14
 Concen: 81.307 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.01 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

Tgt Ion:244 Resp: 2271280
 Ion Ratio Lower Upper
 244 100
 212 9.8 9.7 14.5
 122 10.9 12.5 18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041877.D
Acq: 1 Aug 2019 23:53

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.6	18.0	27.0

