

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041878.D
 Acq On : 2 Aug 2019 00:31
 Operator : HP/JU
 Sample : K4024-08RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-A

Quant Time: Aug 02 01:35:24 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

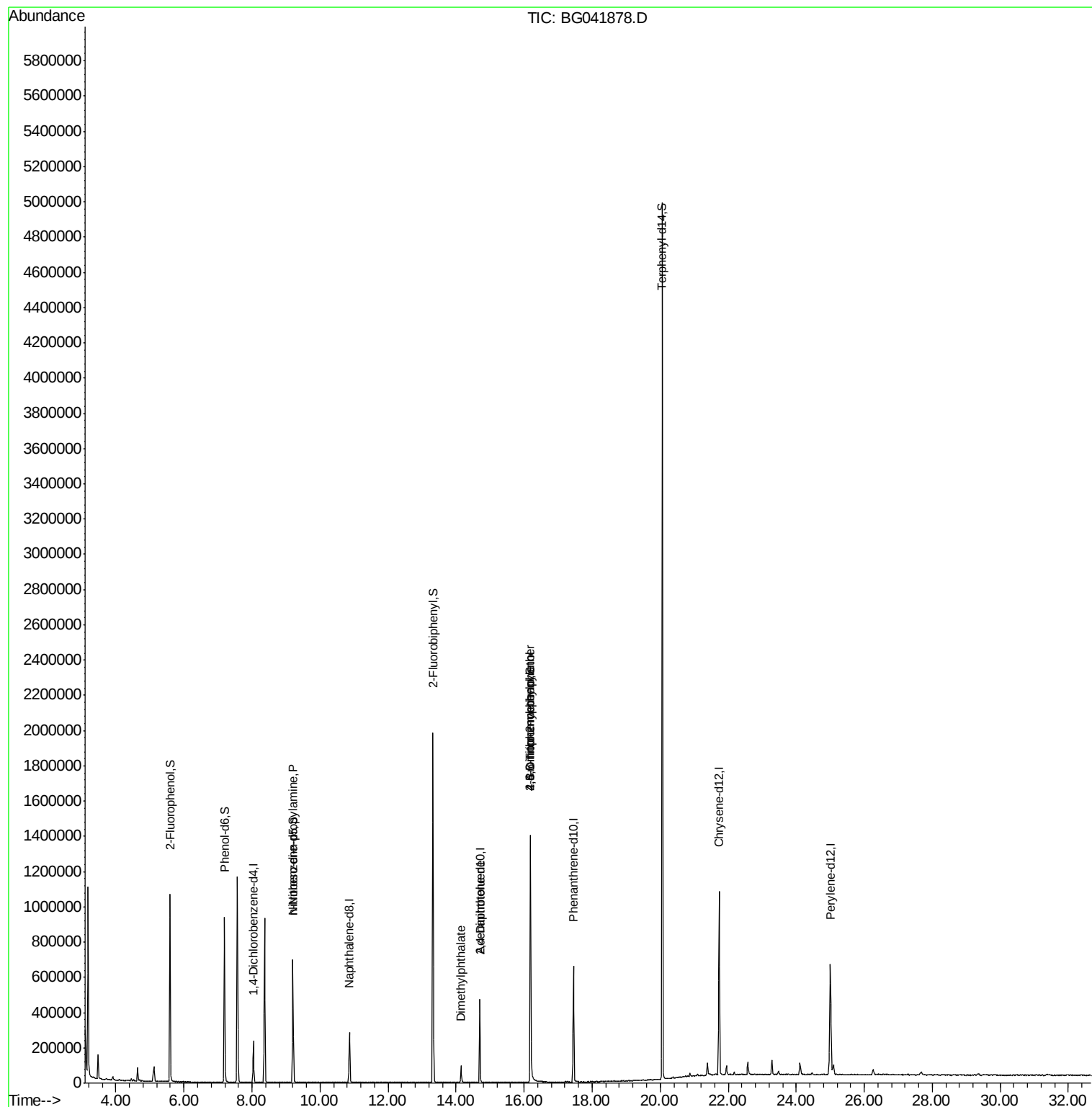
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72538	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	267012	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	178657	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	440616	20.00	ng	0.00
76) Chrysene-d12	21.73	240	625640	20.00	ng	0.00
87) Perylene-d12	25.00	264	733851	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	473625	127.04	ng	0.00
7) Phenol-d6	7.19	99	585164	116.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	432614	111.50	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	329595	162.42	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1095512	108.15	ng	-0.01
79) Terphenyl-d14	20.06	244	2320593	84.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	57549	15.771	ng	Qvalue 67
50) Dimethylphthalate	14.15	163	76300	6.253	ng	99
57) 2,4-Dinitrotoluene	14.70	165	22778	6.492	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.19	198	829	7.182	ng	# 1
67) 4-Bromophenyl-phenylether	16.18	248	22972	4.232	ng	# 1

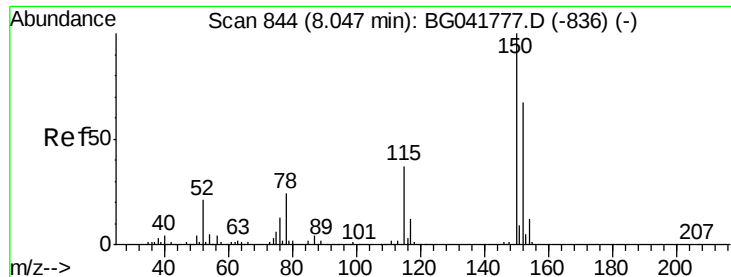
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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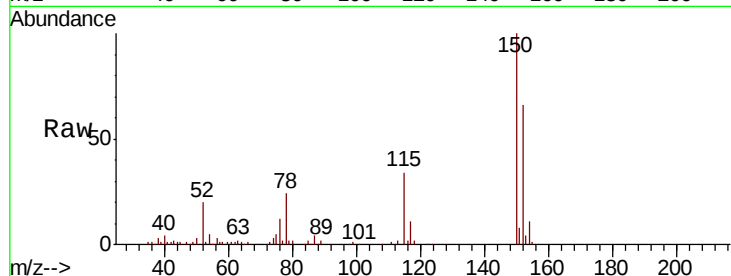


#1

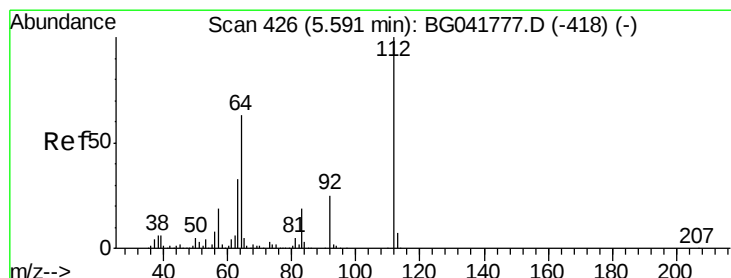
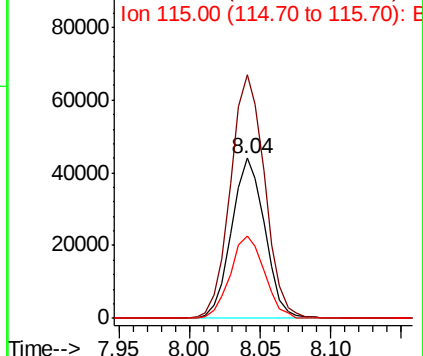
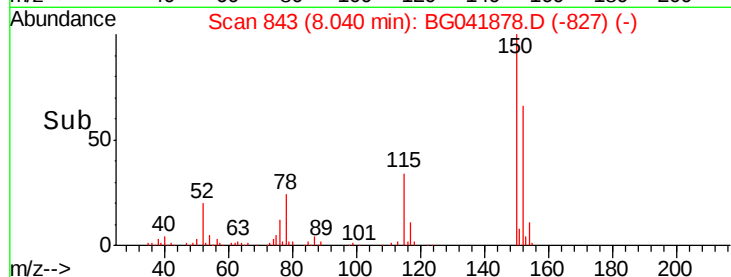
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

Instrument :
BNA_F
ClientSampleId :
TP-6-A

Tgt Ion:152 Resp: 72538
Ion Ratio Lower Upper
152 100
150 151.9 126.9 190.3
115 51.3 45.0 67.6



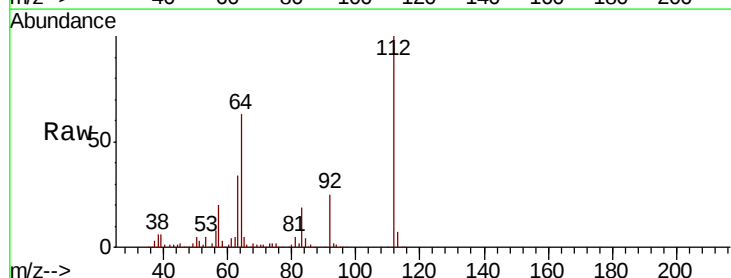
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



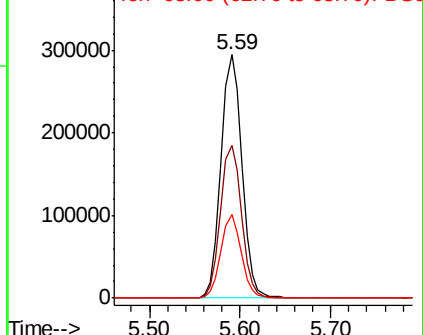
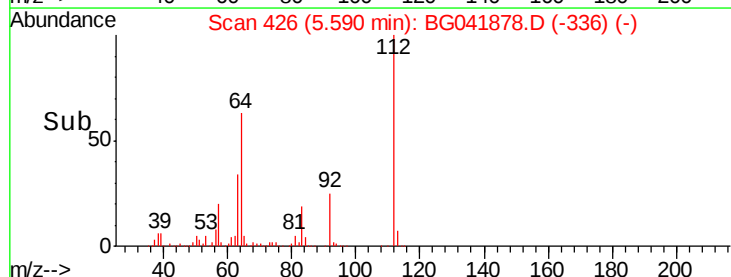
#5

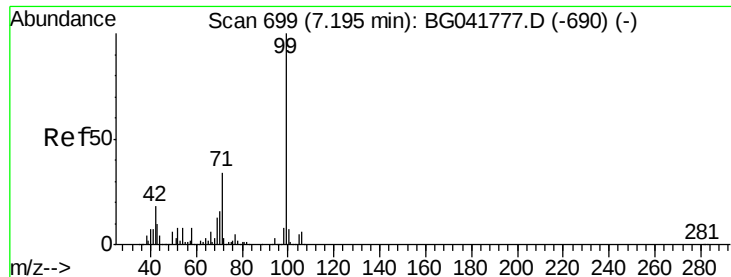
2-Fluorophenol
Concen: 127.036 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

Tgt Ion:112 Resp: 473625
Ion Ratio Lower Upper
112 100
64 62.9 55.4 83.2
63 34.5 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: 116.420 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

Instrument :

BNA_F

ClientSampleId :

TP-6-A

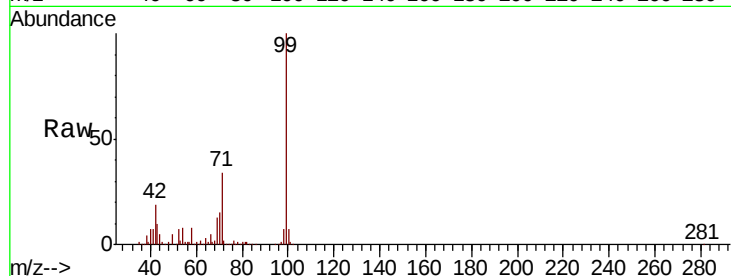
Tgt Ion: 99 Resp: 585164

Ion Ratio Lower Upper

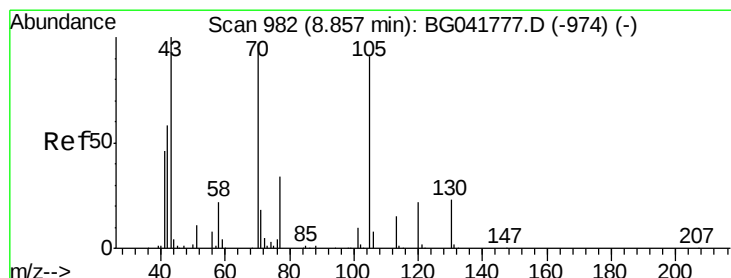
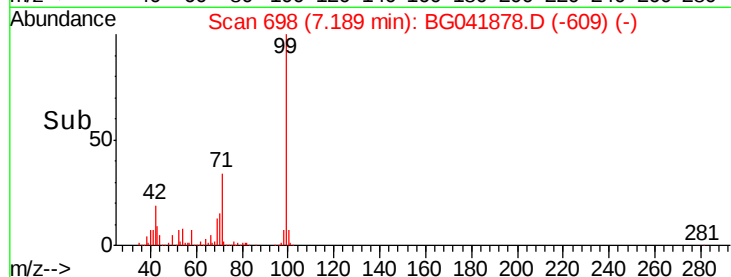
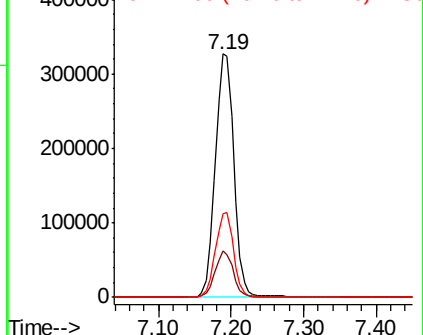
99 100

42 18.9 17.6 26.4

71 34.4 27.8 41.6



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: 15.771 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

Tgt Ion: 70 Resp: 57549

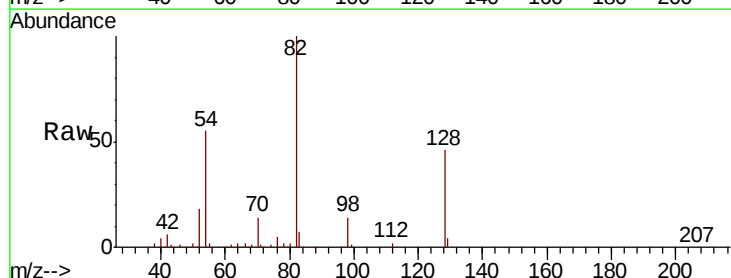
Ion Ratio Lower Upper

70 100

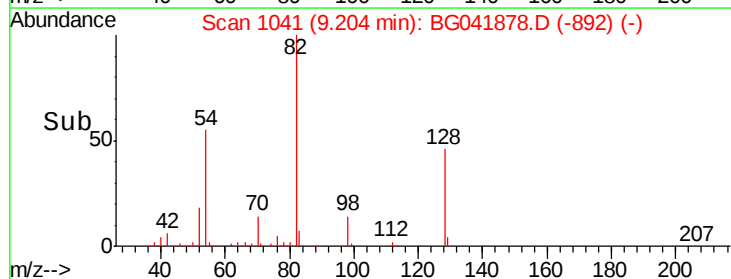
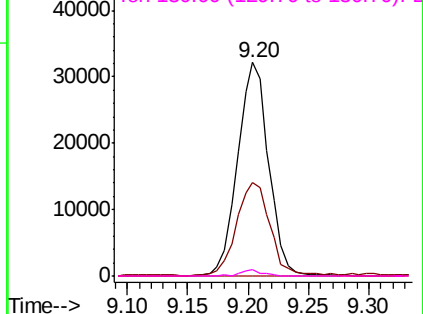
42 43.9 55.8 83.6#

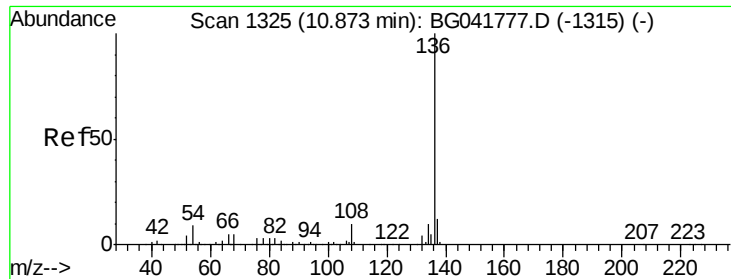
101 0.0 8.1 12.1#

130 2.7 17.3 25.9#



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

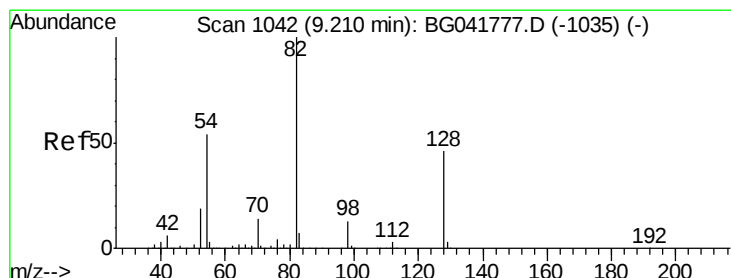
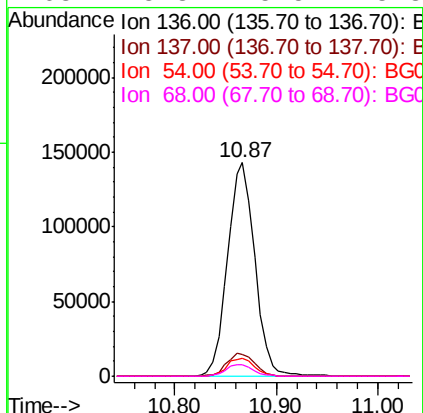
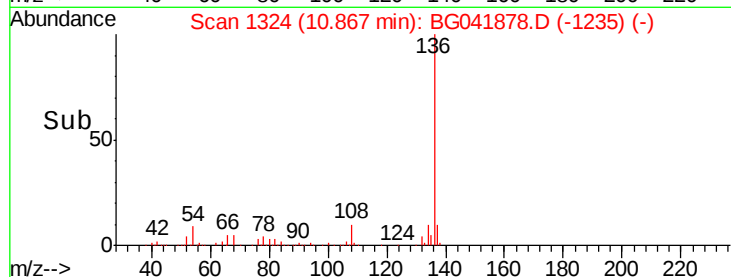
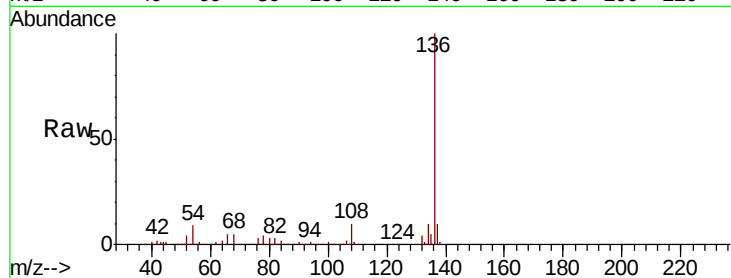




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

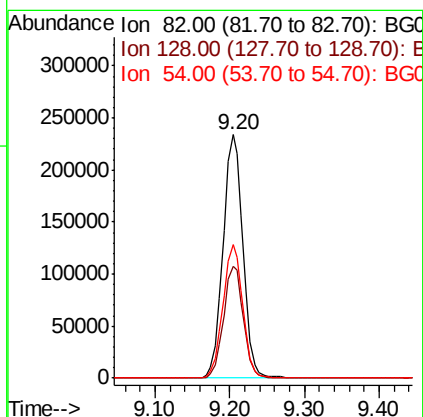
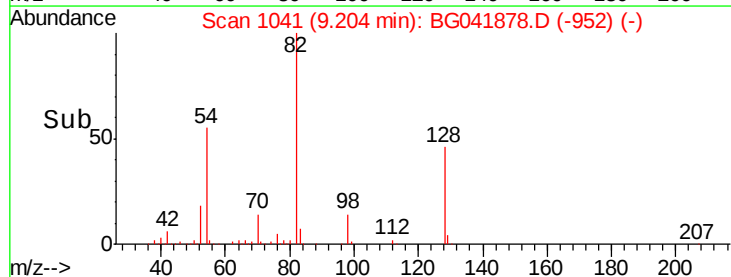
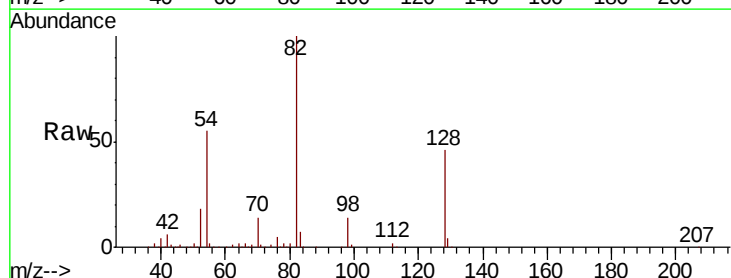
Instrument :
BNA_F
ClientSampleId :
TP-6-A

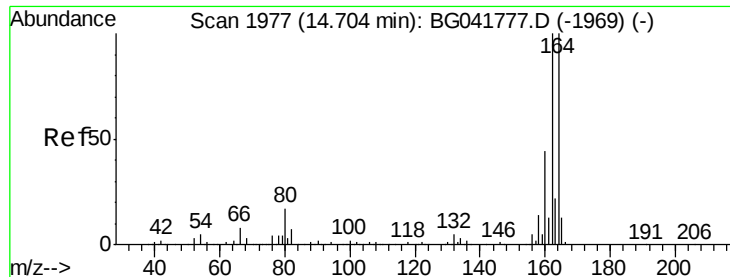
Tgt Ion:	136	Resp:	267012
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.6	8.7	13.1#
68	5.3	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 111.496 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

Tgt Ion:	82	Resp:	432614
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.1	52.7
54	54.9	48.7	73.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

Instrument :

BNA_F

ClientSampleId :

TP-6-A

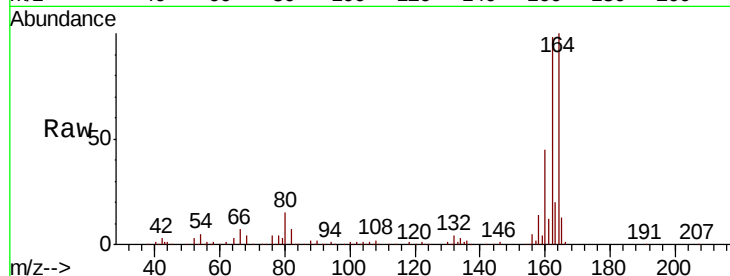
Tgt Ion:164 Resp: 178657

Ion Ratio Lower Upper

164 100

162 97.8 79.6 119.4

160 44.8 35.4 53.0

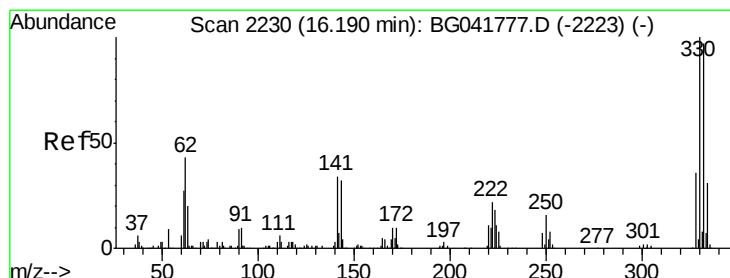
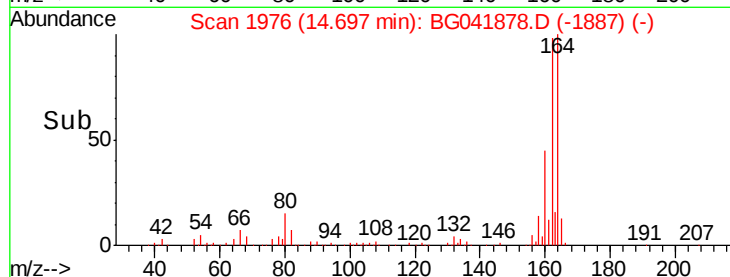
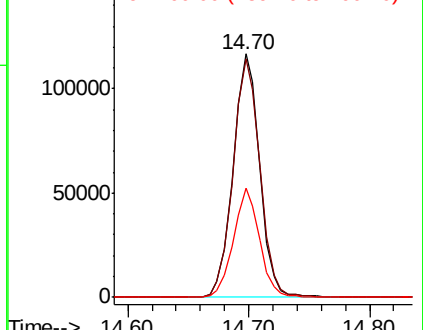


Abundance

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: 162.418 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

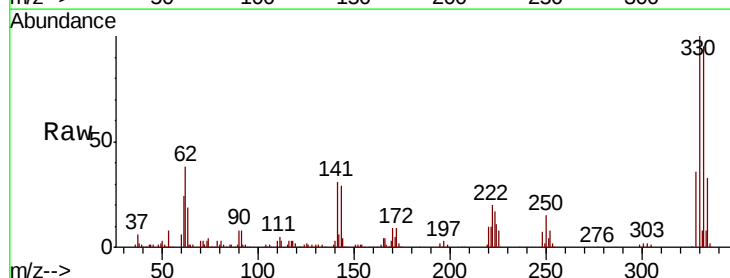
Tgt Ion:330 Resp: 329595

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.0

141 32.1 31.9 47.9

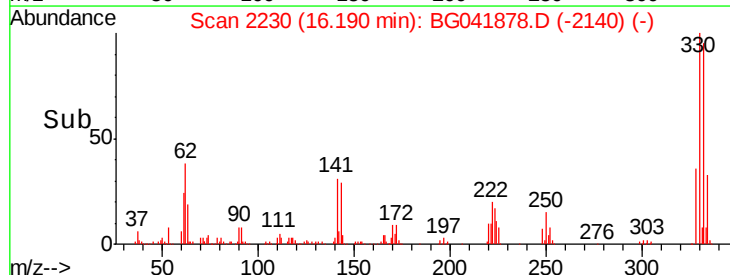
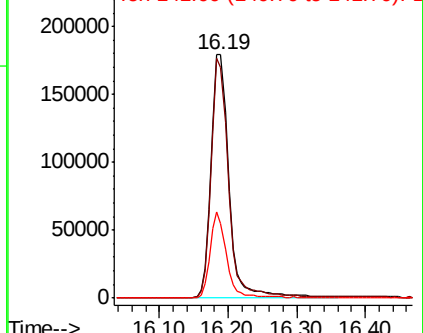


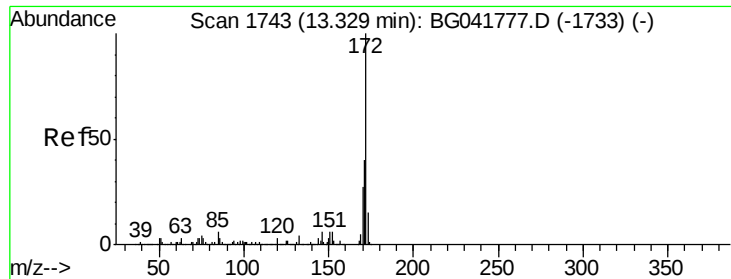
Abundance

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: 108.150 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

Instrument :

BNA_F

ClientSampleId :

TP-6-A

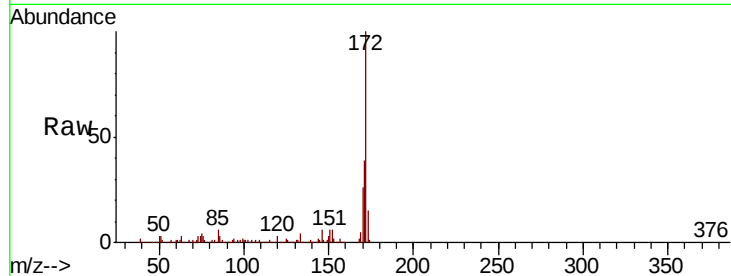
Tgt Ion:172 Resp: 1095512

Ion Ratio Lower Upper

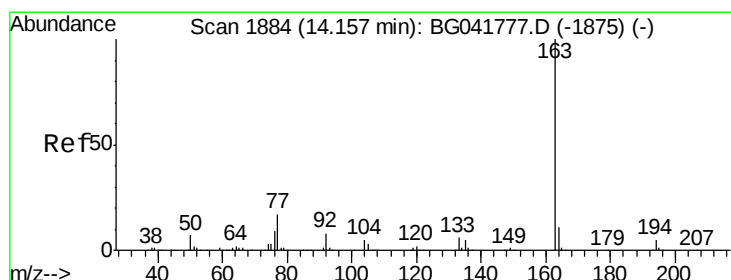
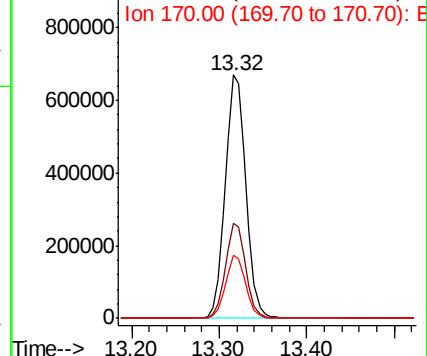
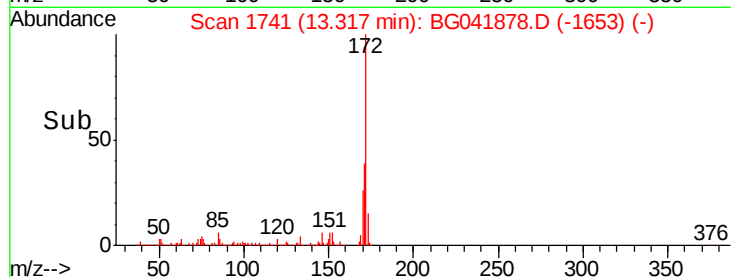
172 100

171 39.1 35.0 52.4

170 26.1 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: 6.253 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

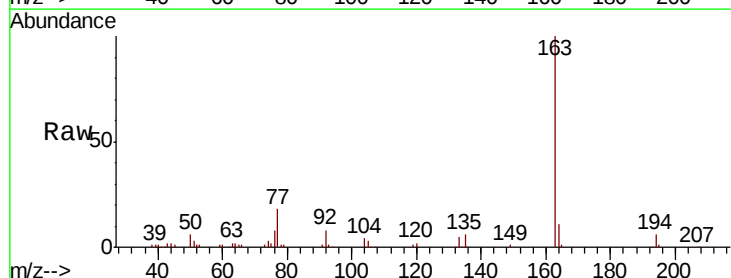
Tgt Ion:163 Resp: 76300

Ion Ratio Lower Upper

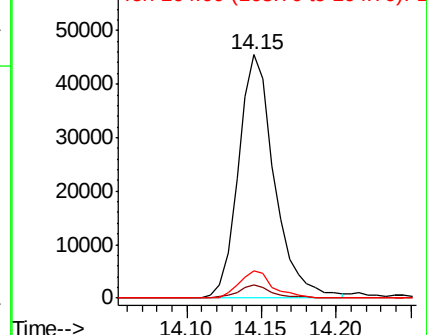
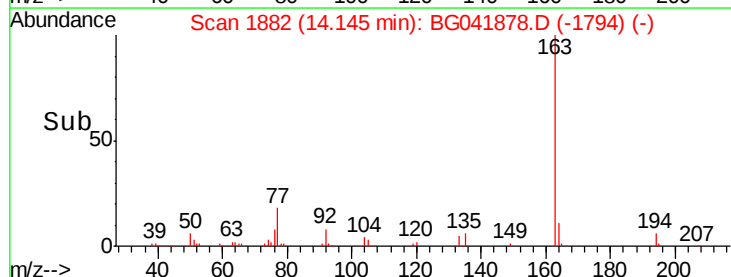
163 100

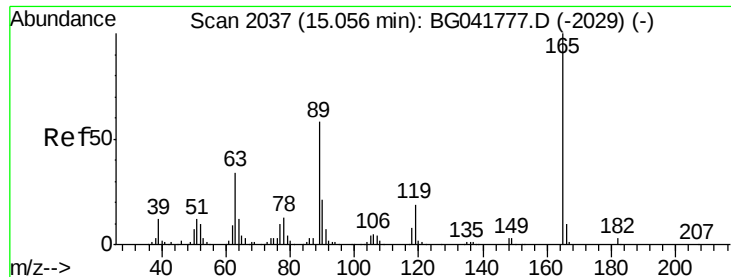
194 5.6 4.2 6.2

164 11.4 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

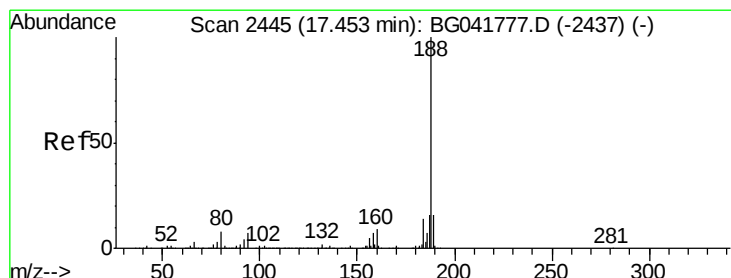
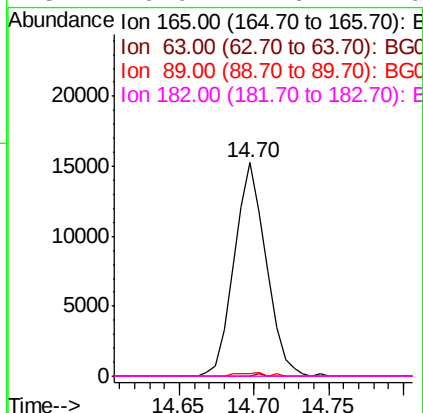
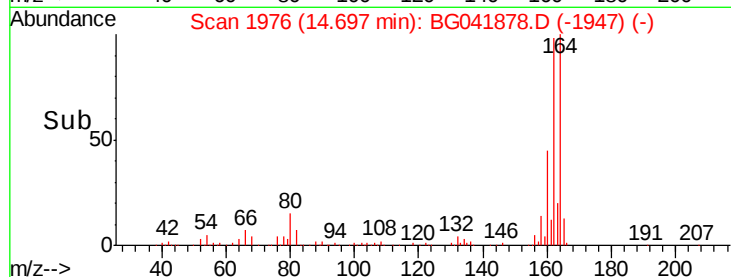
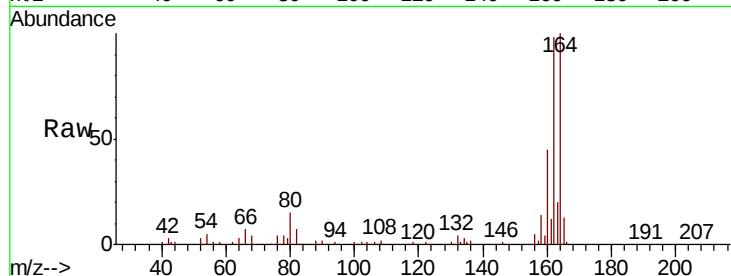




#57
 2,4-Dinitrotoluene
 Concen: 6.492 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041878.D
 Acq: 2 Aug 2019 00:31

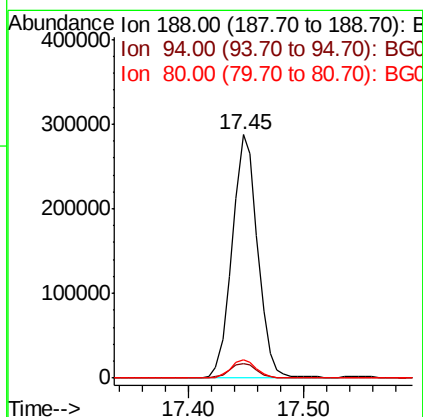
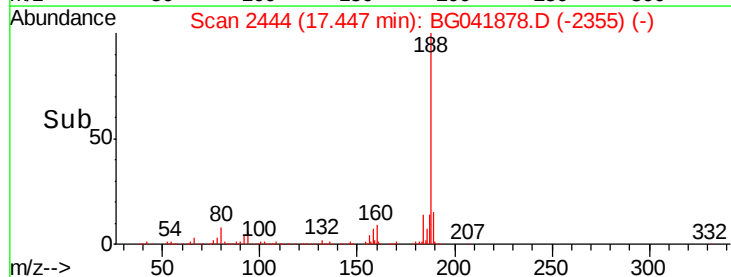
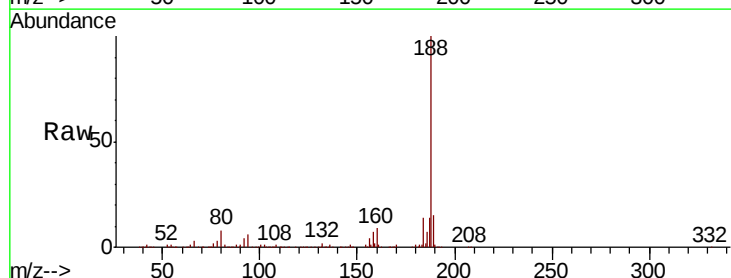
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-A

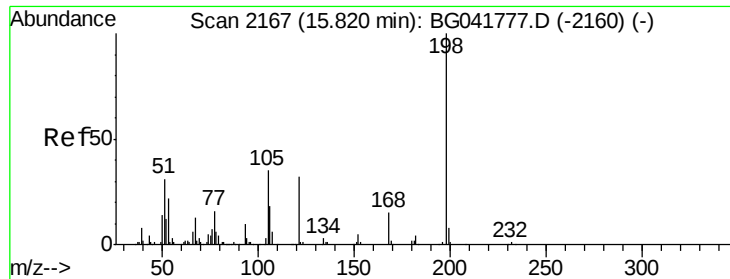
Tgt Ion:165 Resp: 22778
 Ion Ratio Lower Upper
 165 100
 63 0.0 31.7 47.5#
 89 1.2 50.2 75.4#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG041878.D
 Acq: 2 Aug 2019 00:31

Tgt Ion:188 Resp: 440616
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 7.7 8.0 12.0#

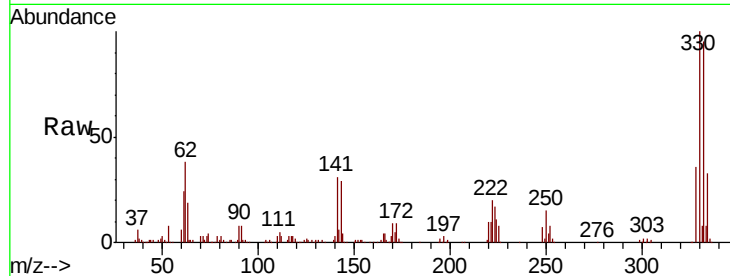




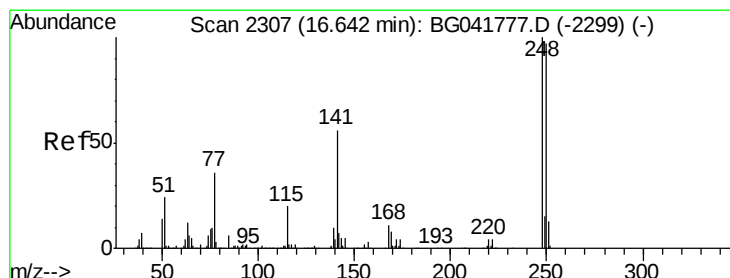
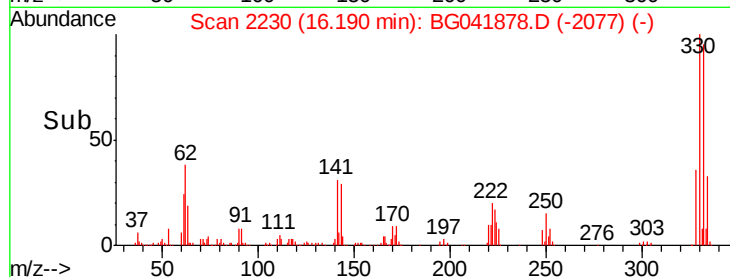
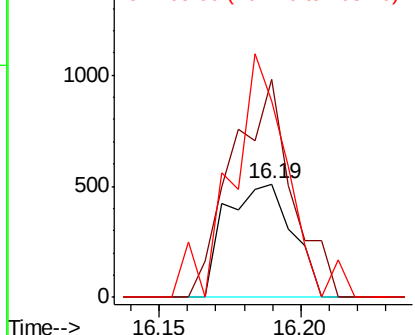
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.182 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.37 min
 Lab File: BG041878.D
 Acq: 2 Aug 2019 00:31

Instrument :
 BNA_F
 ClientSampled :
 TP-6-A

Tgt Ion:198 Resp: 829
 Ion Ratio Lower Upper
 198 100
 51 192.2 22.3 62.3#
 105 173.5 18.0 58.0#

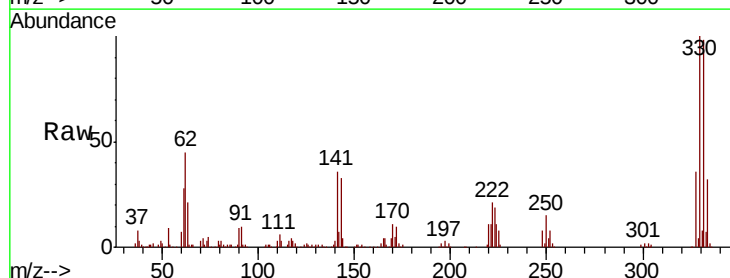


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

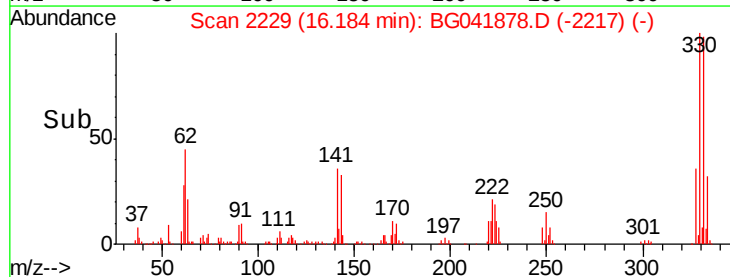
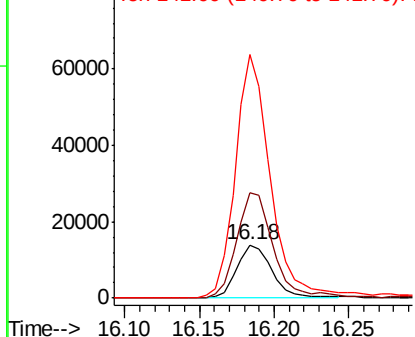


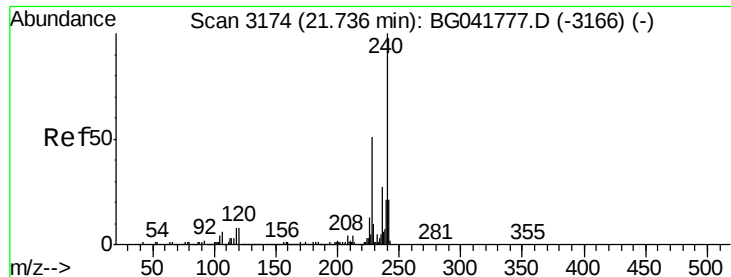
#67
 4-Bromophenyl-phenylether
 Concen: 4.232 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041878.D
 Acq: 2 Aug 2019 00:31

Tgt Ion:248 Resp: 22972
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.1 117.1#
 141 458.8 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: BG041878.D

Acq: 2 Aug 2019 00:31

Instrument :

BNA_F

ClientSampleId :

TP-6-A

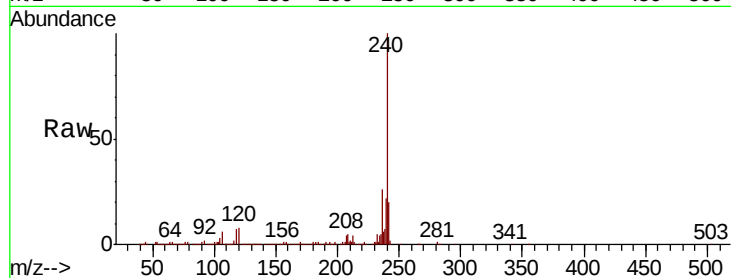
Tgt Ion:240 Resp: 625640

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

236 26.4 22.6 33.8

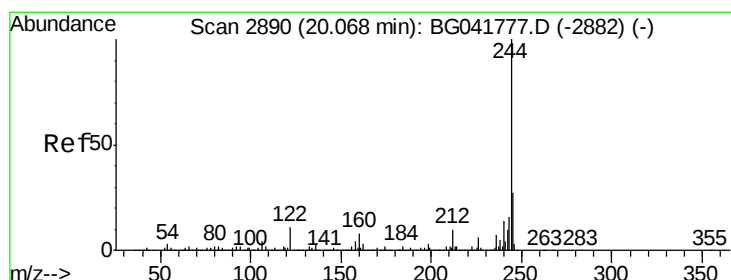
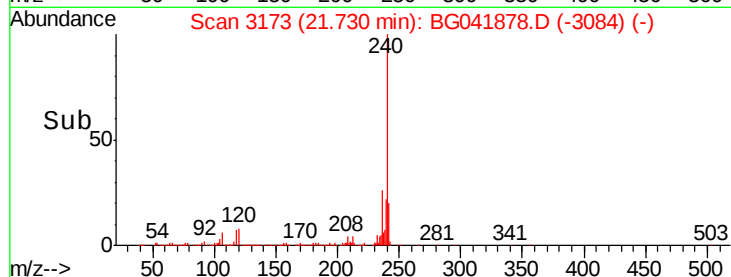
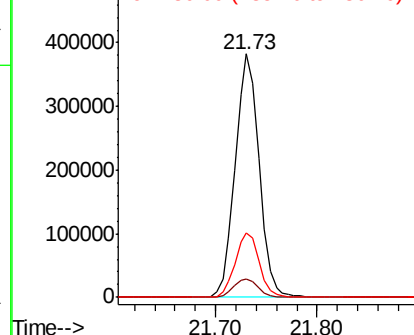


Abundance

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: 84.875 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

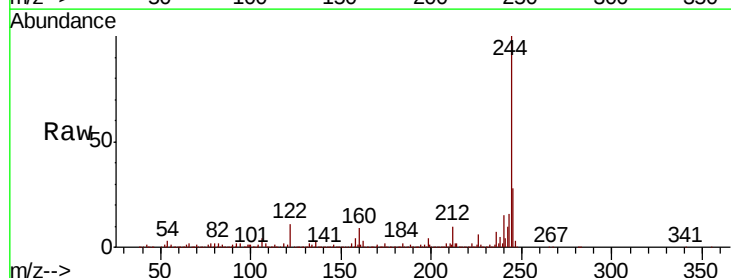
Tgt Ion:244 Resp: 2320593

Ion Ratio Lower Upper

244 100

212 10.2 9.7 14.5

122 11.0 12.5 18.7#

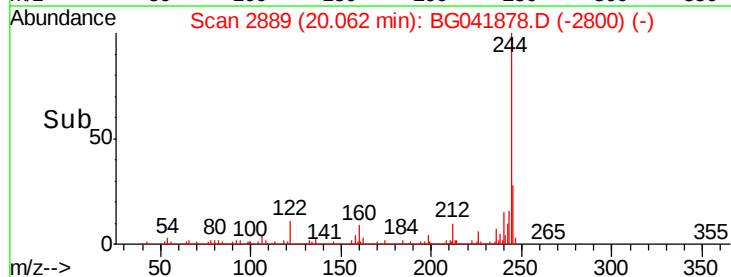
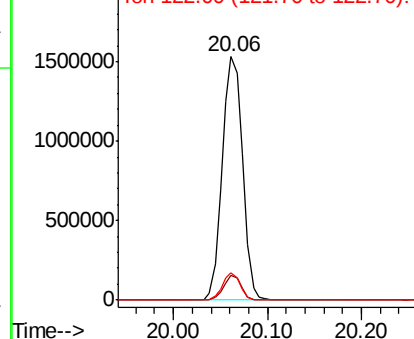


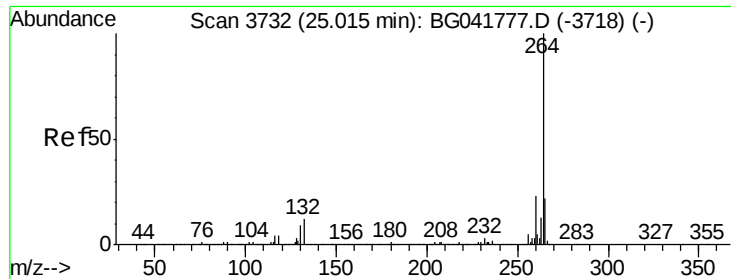
Abundance

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: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

Instrument :
BNA_F
ClientSampleId :
TP-6-A

Tgt Ion: 264 Resp: 733851
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 22.5 18.0 27.0

