

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041832.D
 Acq On : 31 Jul 2019 14:15
 Operator : HP/JU
 Sample : K4044-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Jul 31 15:08:27 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

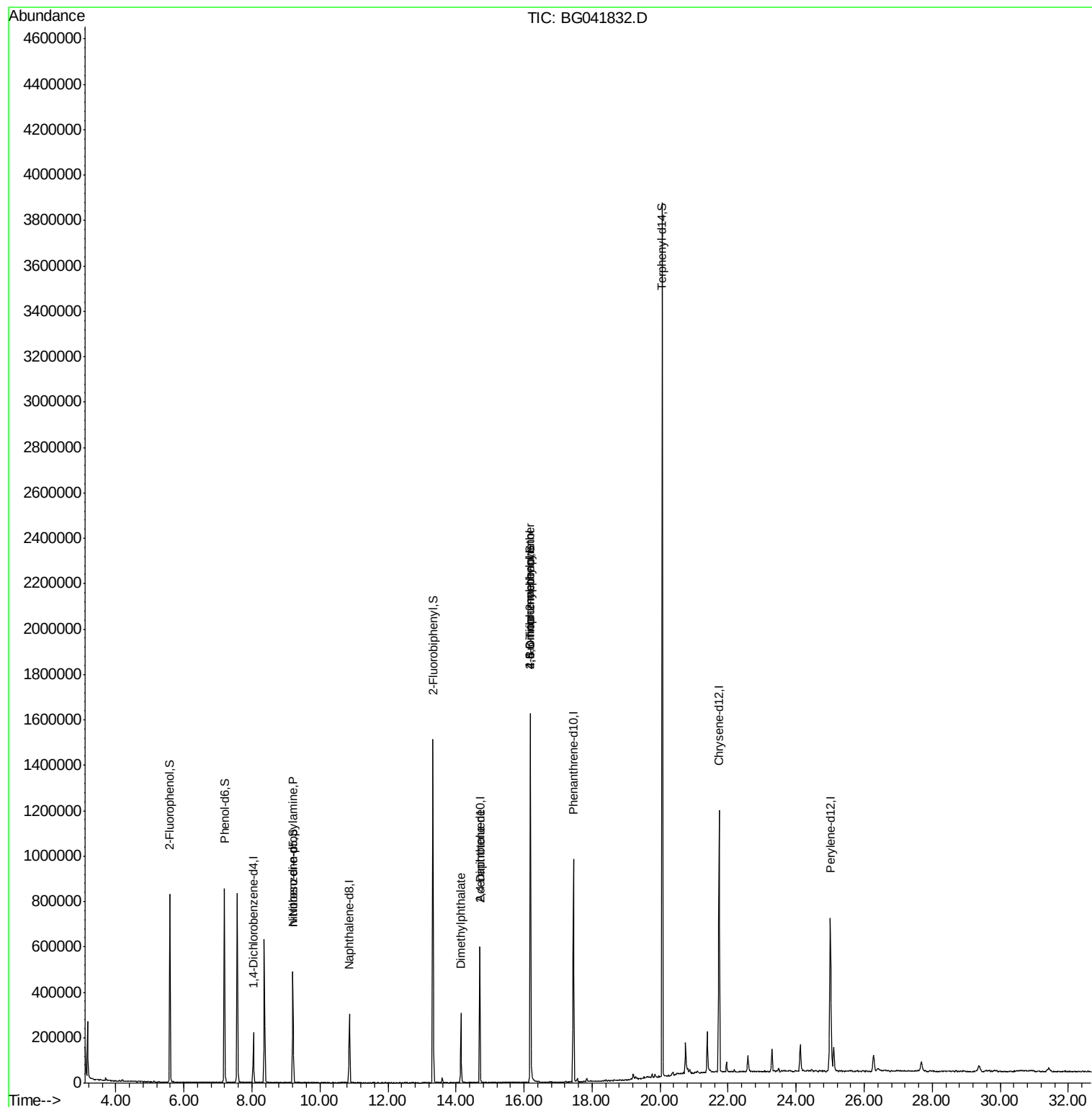
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	67757	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	281643	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	224462	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	630902	20.00	ng	0.00
76) Chrysene-d12	21.73	240	702742	20.00	ng	0.00
87) Perylene-d12	25.01	264	811286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	373239	107.17	ng	0.00
7) Phenol-d6	7.19	99	517873	110.30	ng	0.00
23) Nitrobenzene-d5	9.21	82	299235	73.11	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	359610	141.05	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	813657	63.93	ng	0.00
79) Terphenyl-d14	20.06	244	1828937	59.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	39379	11.553	ng	Qvalue # 69
50) Dimethylphthalate	14.15	163	228411	14.900	ng	# 96
57) 2,4-Dinitrotoluene	14.70	165	29188	6.621	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.19	198	665	7.037	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	26329	3.388	ng	# 1

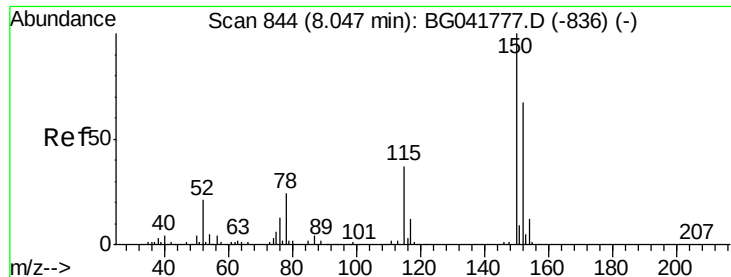
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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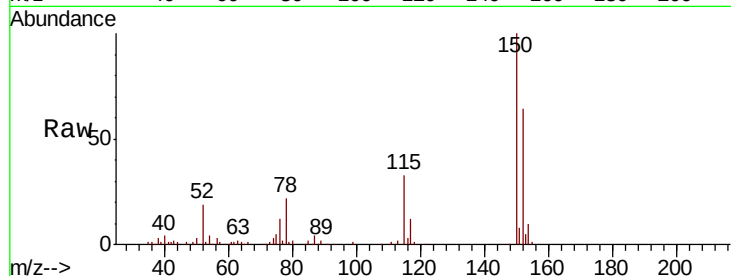


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

Instrument :
BNA_G
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.9	190.3
115	51.7	45.0	67.6

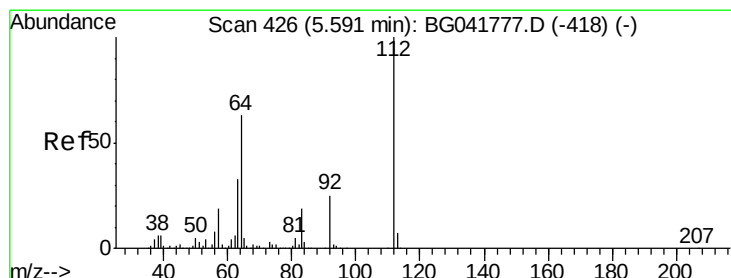
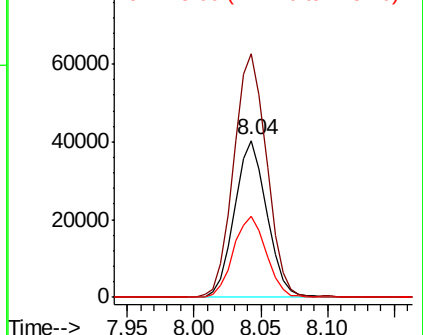
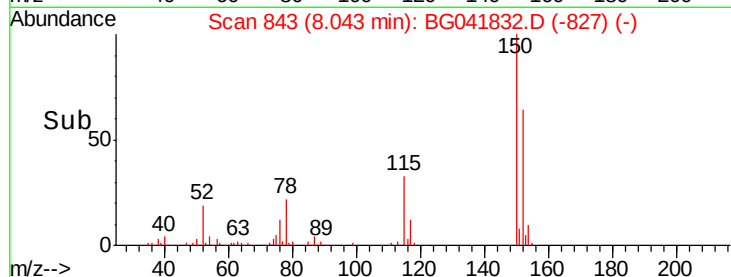


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

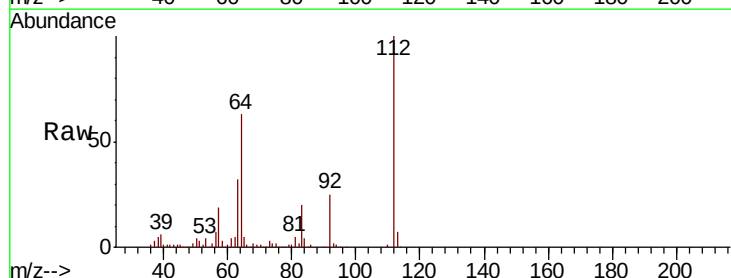
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.174 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.4	83.2
63	32.3	29.1	43.7

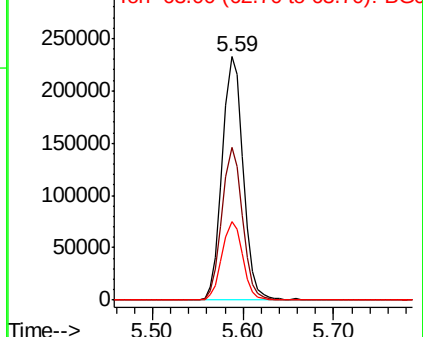
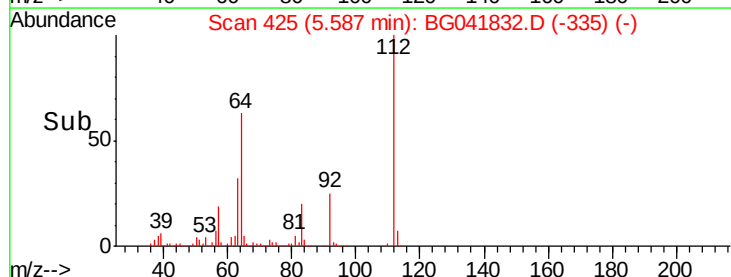


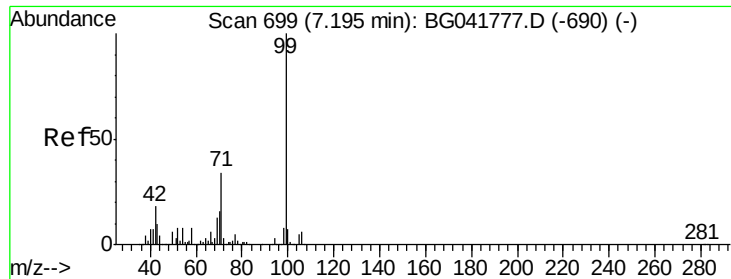
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.303 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041832.D

Acq: 31 Jul 2019 14:15

Instrument :

BNA_G

ClientSampleId :

TP-6

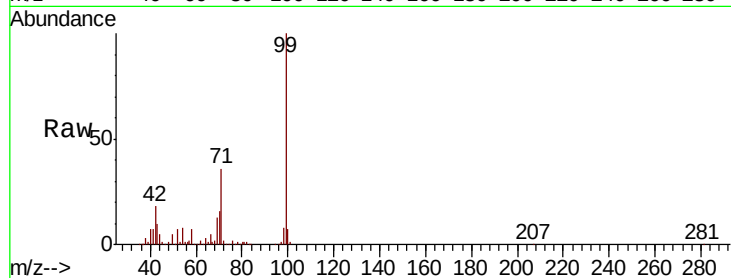
Tot Ion: 99 Resp: 517873

Ion Ratio Lower Upper

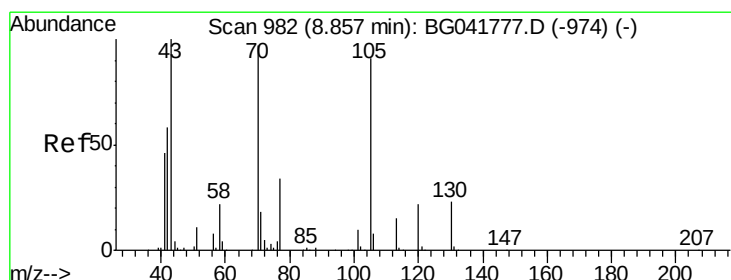
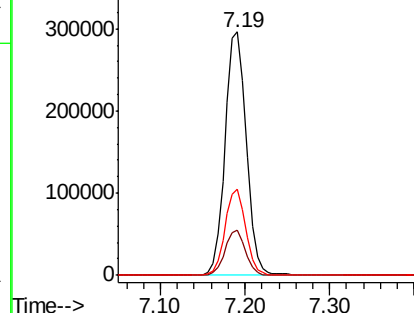
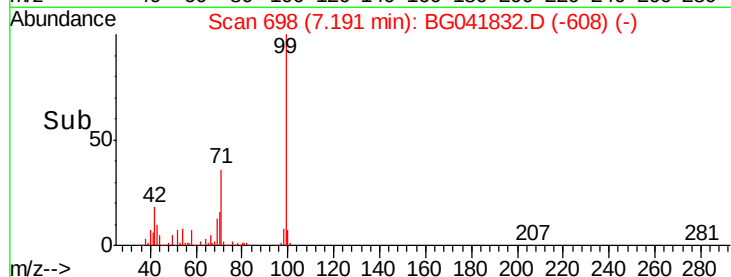
99 100

42 18.5 17.6 26.4

71 35.5 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: 11.553 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG041832.D

Acq: 31 Jul 2019 14:15

Tgt Ion: 70 Resp: 39379

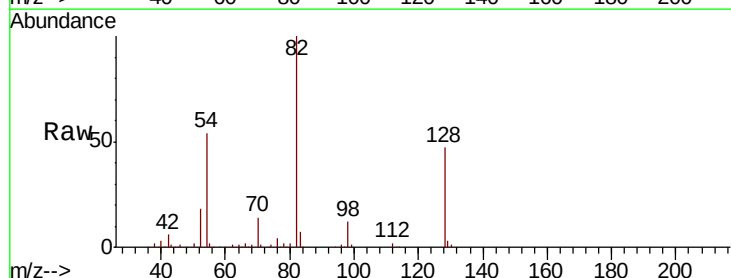
Ion Ratio Lower Upper

70 100

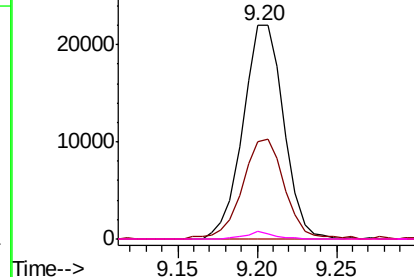
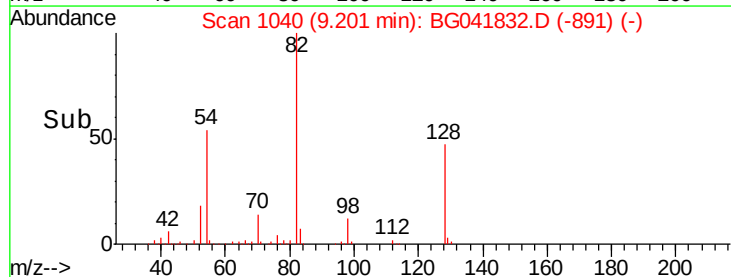
42 45.3 55.8 83.6#

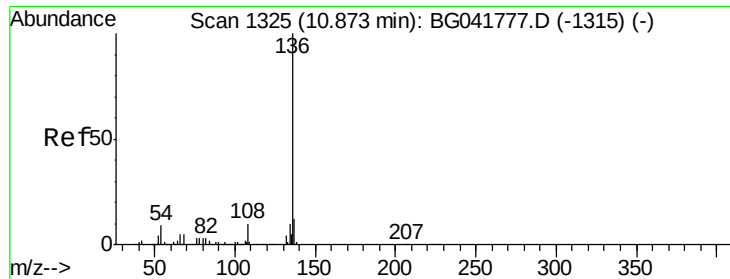
101 0.0 8.1 12.1#

130 3.8 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

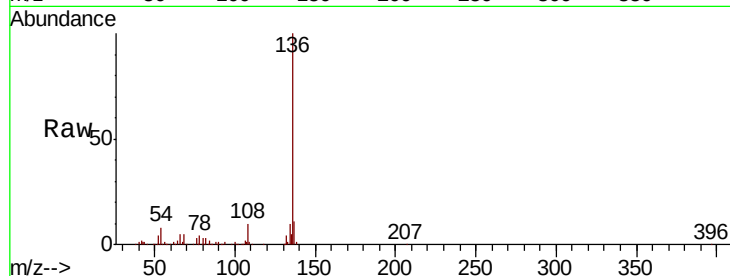




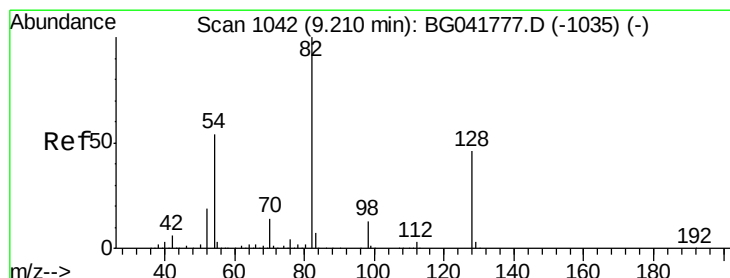
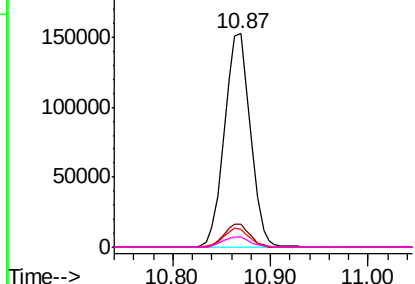
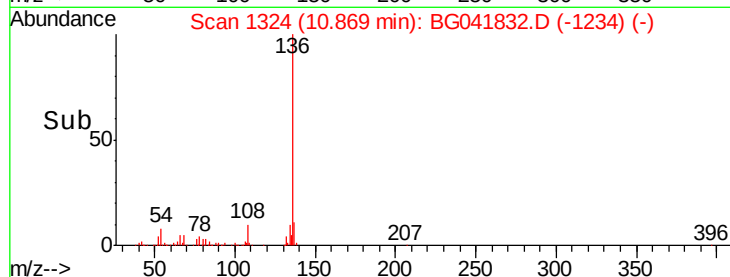
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

Instrument :
BNA_G
ClientSampleId :
TP-6

Tot Ion:136	Resp:	281643
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	8.3	8.7 13.1#
68	5.0	5.5 8.3#

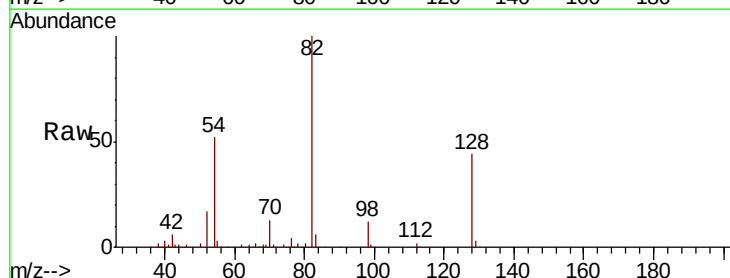


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

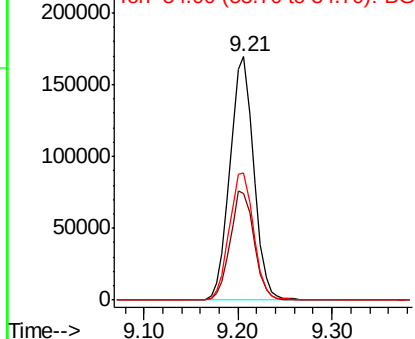
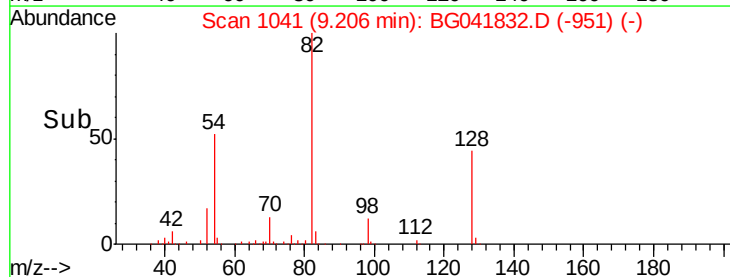


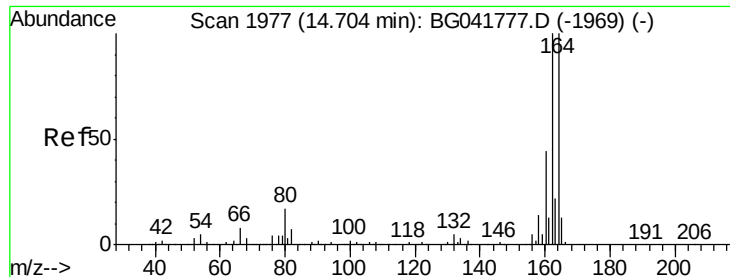
#23
Nitrobenzene-d5
Concen: 73.115 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

Tgt Ion: 82	Resp:	299235
Ion Ratio	Lower	Upper
82	100	
128	44.0	35.1 52.7
54	52.4	48.7 73.1



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

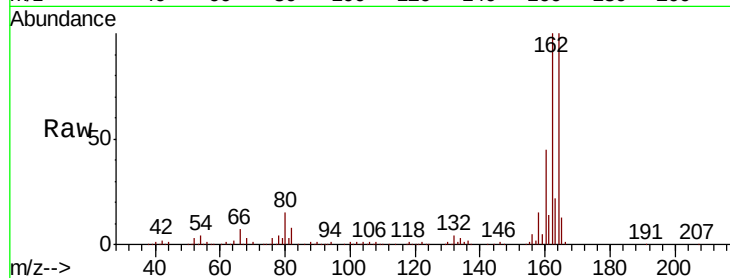




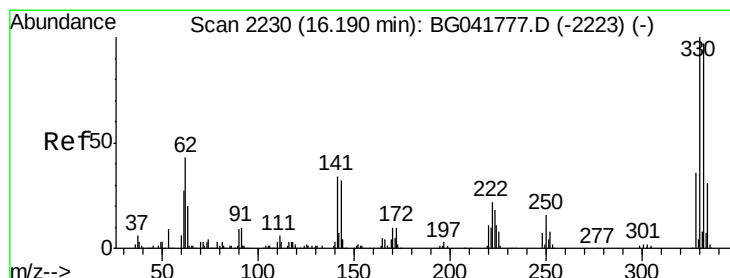
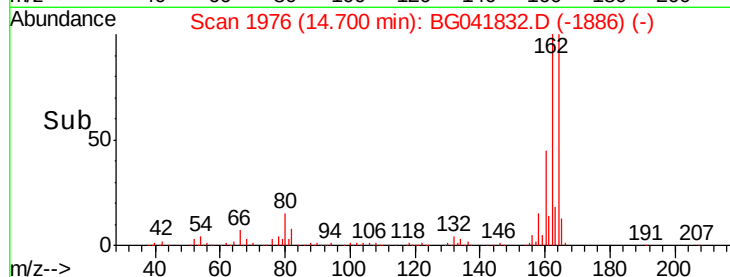
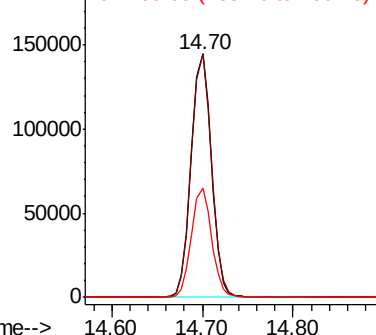
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

Instrument :
BNA_G
ClientSampleId :
TP-6

Tot Ion:164 Resp: 224462
Ion Ratio Lower Upper
164 100
162 100.0 79.6 119.4
160 44.8 35.4 53.0

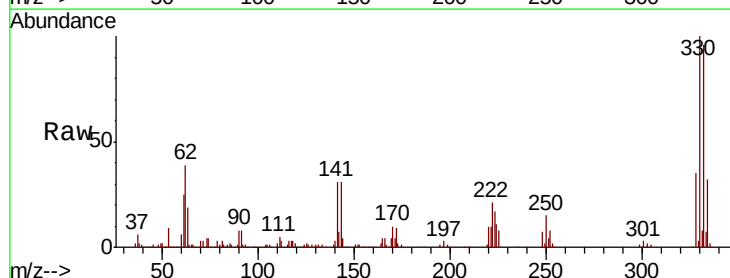


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

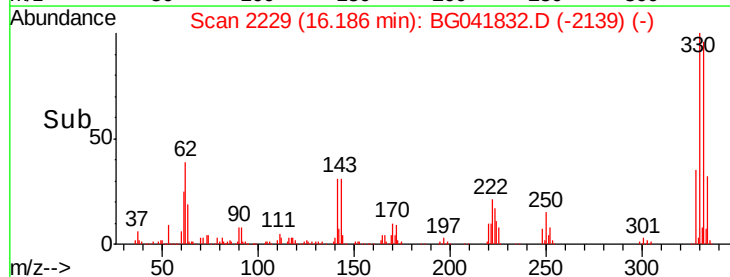
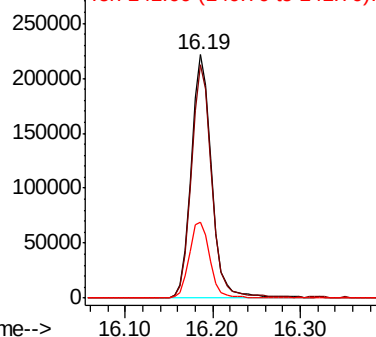


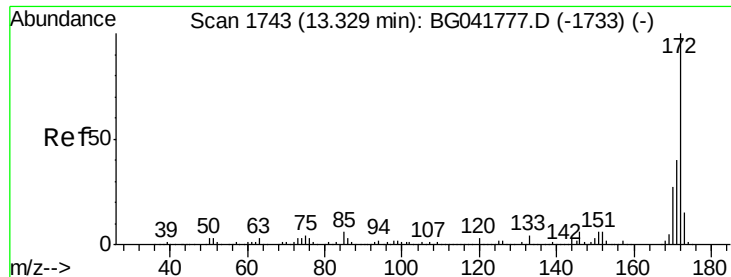
#42
2,4,6-Tribromophenol
Concen: 141.047 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

Tgt Ion:330 Resp: 359610
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 31.9 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

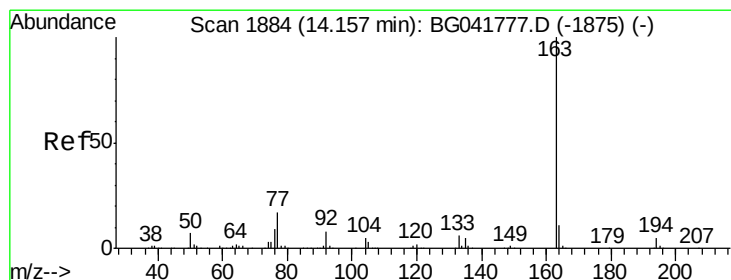
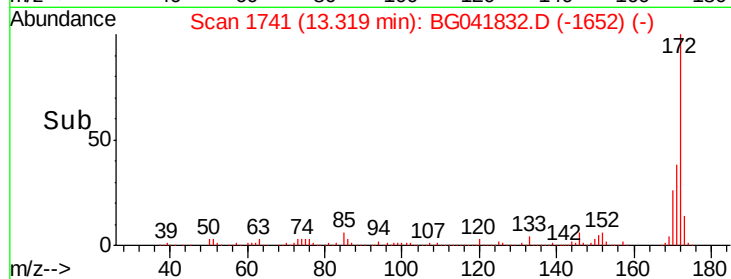
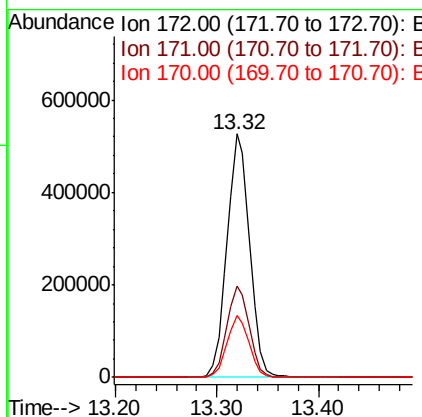
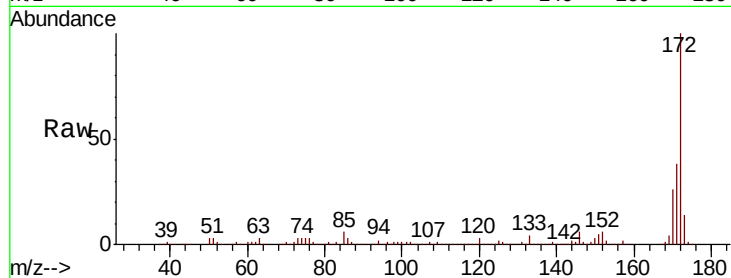




#45
2-Fluorobiphenyl
Concen: 63.934 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

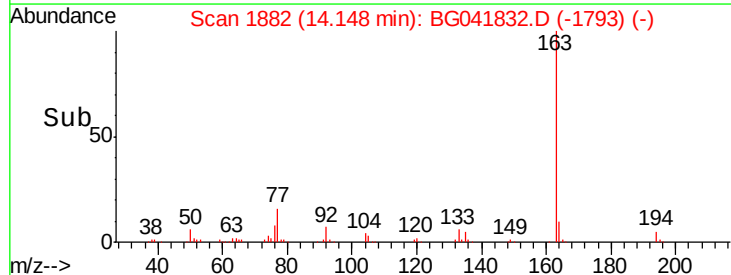
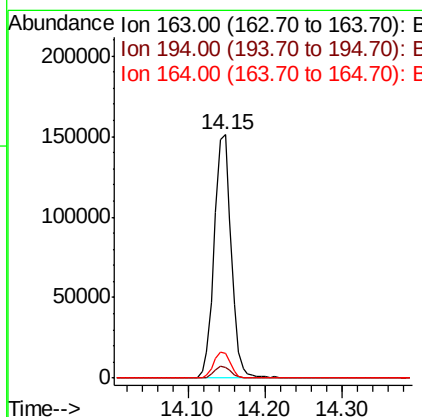
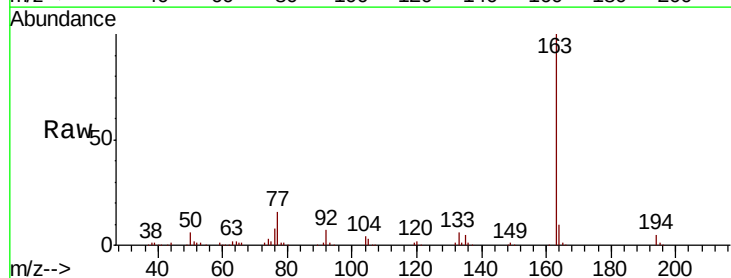
Instrument :
BNA_G
ClientSampleId :
TP-6

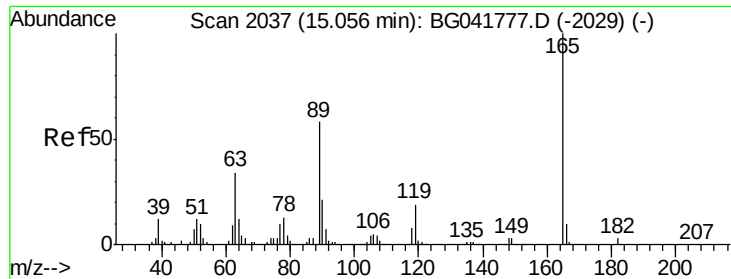
Tot Ion:172 Resp: 813657
Ion Ratio Lower Upper
172 100
171 37.7 35.0 52.4
170 25.6 23.5 35.3



#50
Dimethylphthalate
Concen: 14.900 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

Tgt Ion:163 Resp: 228411
Ion Ratio Lower Upper
163 100
194 4.5 4.2 6.2
164 10.1 9.4 14.2

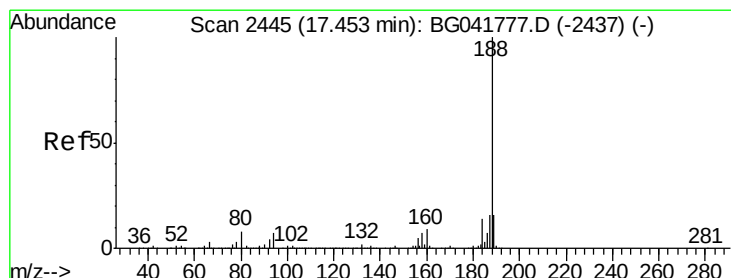
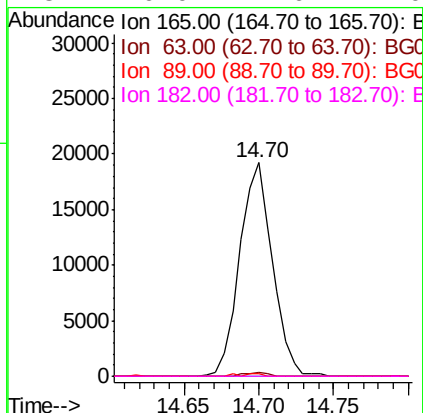
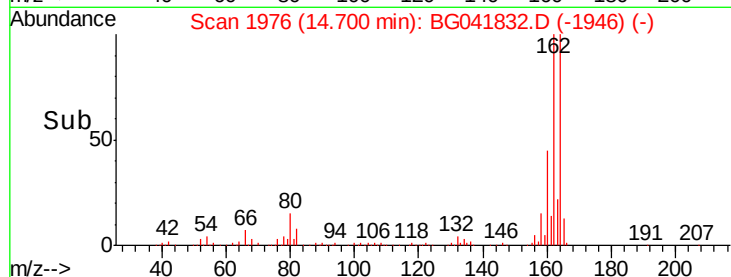
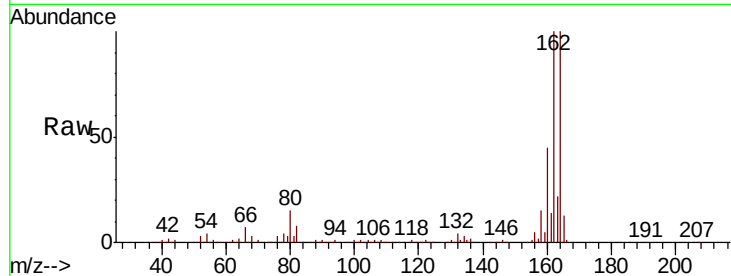




#57
 2,4-Dinitrotoluene
 Concen: 6.621 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041832.D
 Acq: 31 Jul 2019 14:15

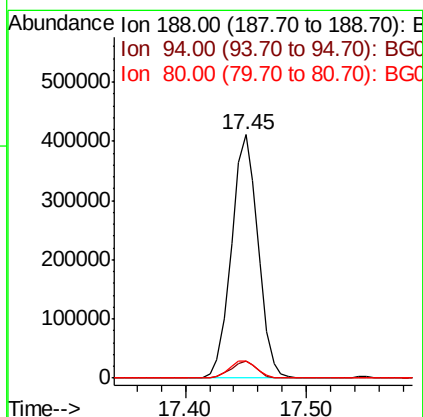
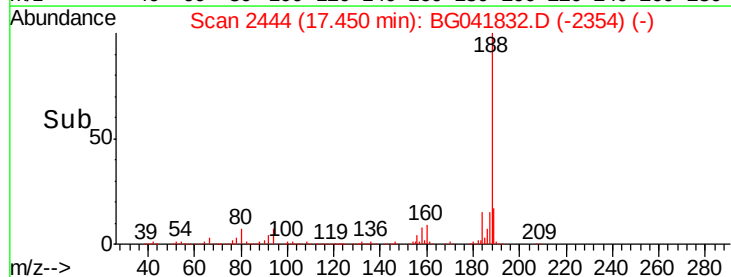
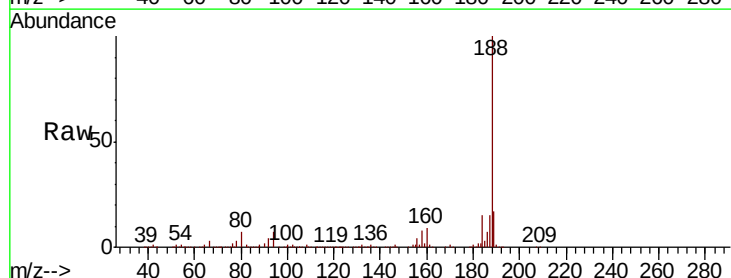
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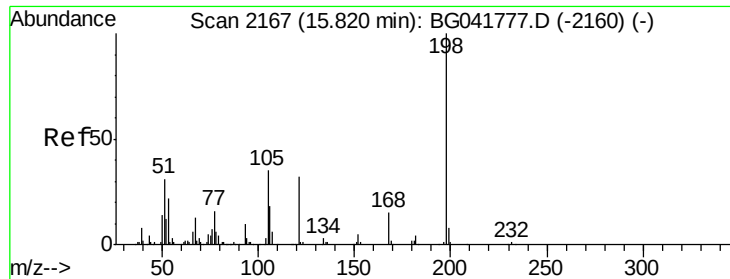
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	31.7	47.5#
89	1.3	50.2	75.4#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG041832.D
 Acq: 31 Jul 2019 14:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.1	8.0	12.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 7.037 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.37 min

Lab File: BG041832.D

Acq: 31 Jul 2019 14:15

Instrument :

BNA_G

ClientSampled :

TP-6

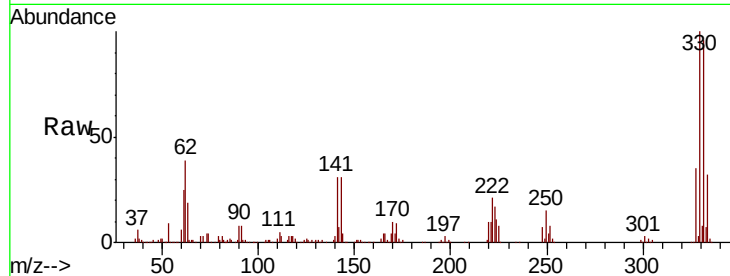
Tot Ion:198 Resp: 665

Ion Ratio Lower Upper

198 100

51 126.2 22.3 62.3#

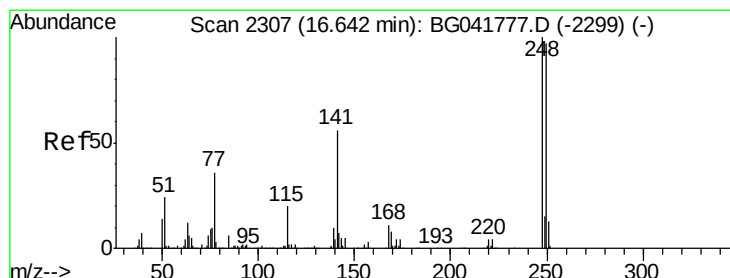
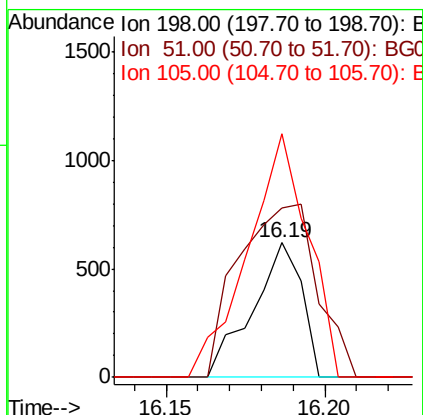
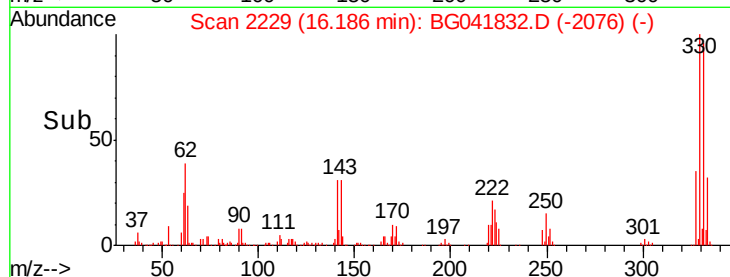
105 181.4 18.0 58.0#



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: 3.388 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.46 min

Lab File: BG041832.D

Acq: 31 Jul 2019 14:15

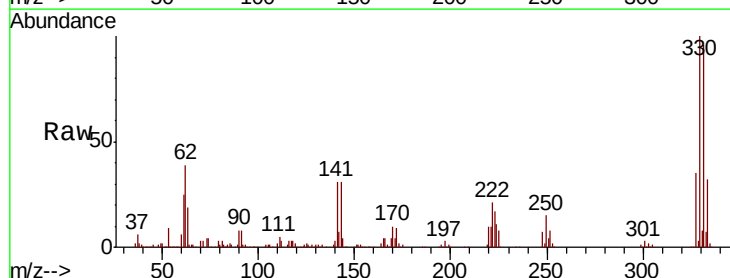
Tgt Ion:248 Resp: 26329

Ion Ratio Lower Upper

248 100

250 209.8 78.1 117.1#

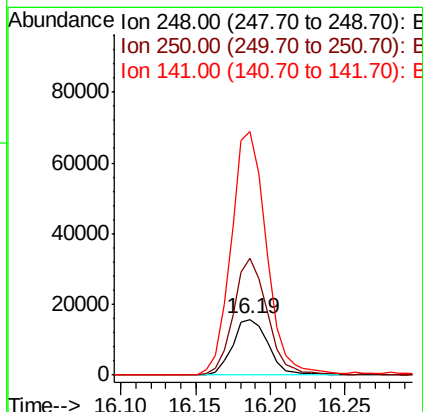
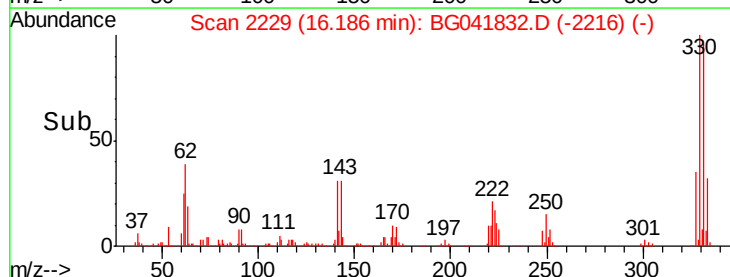
141 439.2 49.6 74.4#

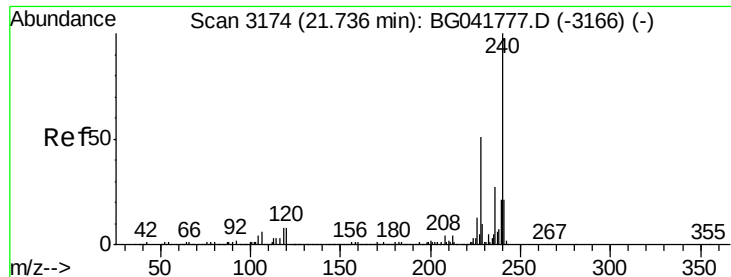


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.00 min

Lab File: BG041832.D

Acq: 31 Jul 2019 14:15

Instrument :

BNA_G

ClientSampled :

TP-6

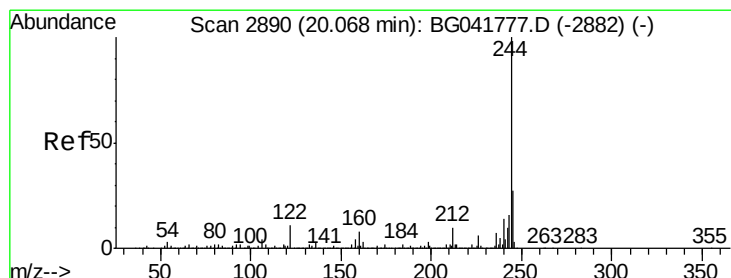
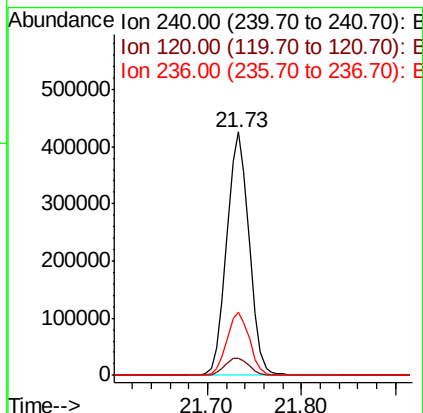
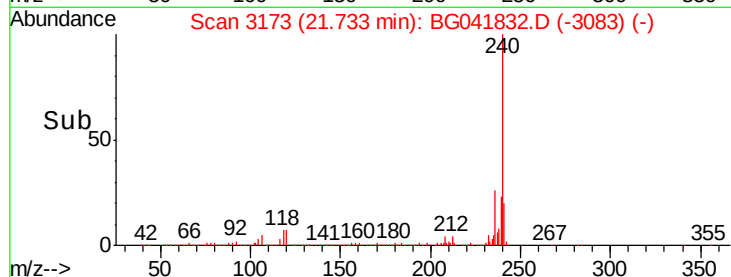
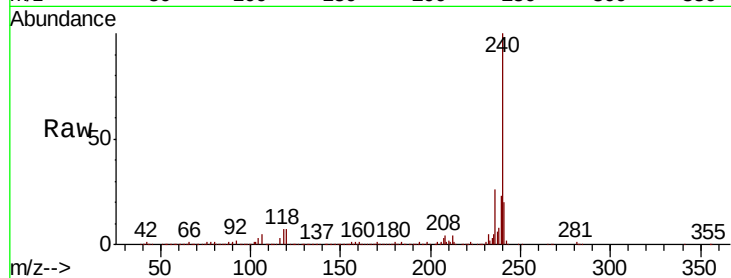
Tot Ion:240 Resp: 702742

Ion Ratio Lower Upper

240 100

120 7.0 8.0 12.0#

236 26.1 22.6 33.8



#79

Terphenyl-d14

Concen: 59.554 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041832.D

Acq: 31 Jul 2019 14:15

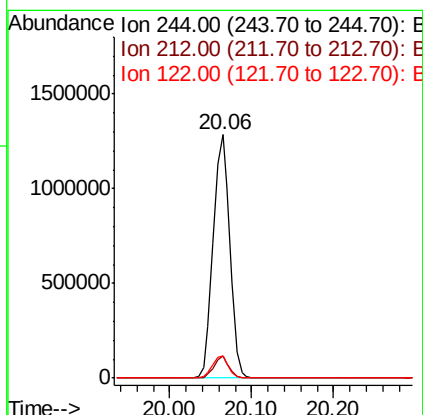
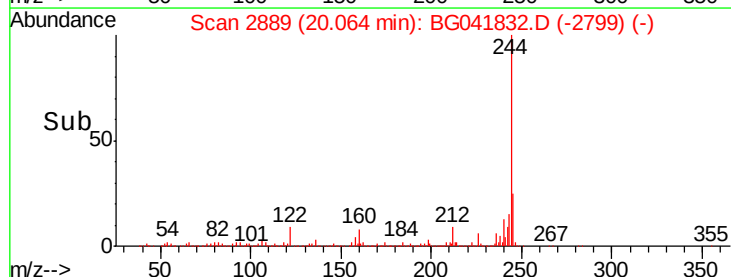
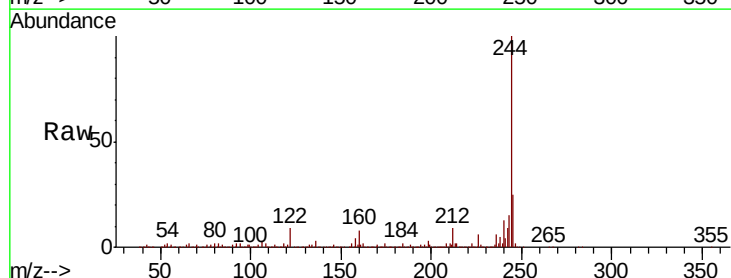
Tgt Ion:244 Resp: 1828937

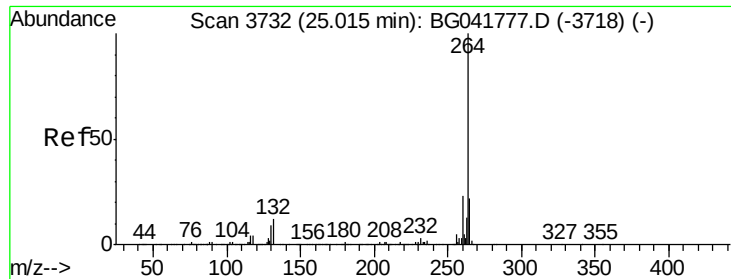
Ion Ratio Lower Upper

244 100

212 9.0 9.7 14.5#

122 9.3 12.5 18.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041832.D
Acq: 31 Jul 2019 14:15

Instrument :
BNA_G
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	18.0	27.0

