

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043005.D
 Acq On : 3 Oct 2019 4:43
 Operator : JU
 Sample : K5148-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-100119

Quant Time: Oct 03 06:04:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

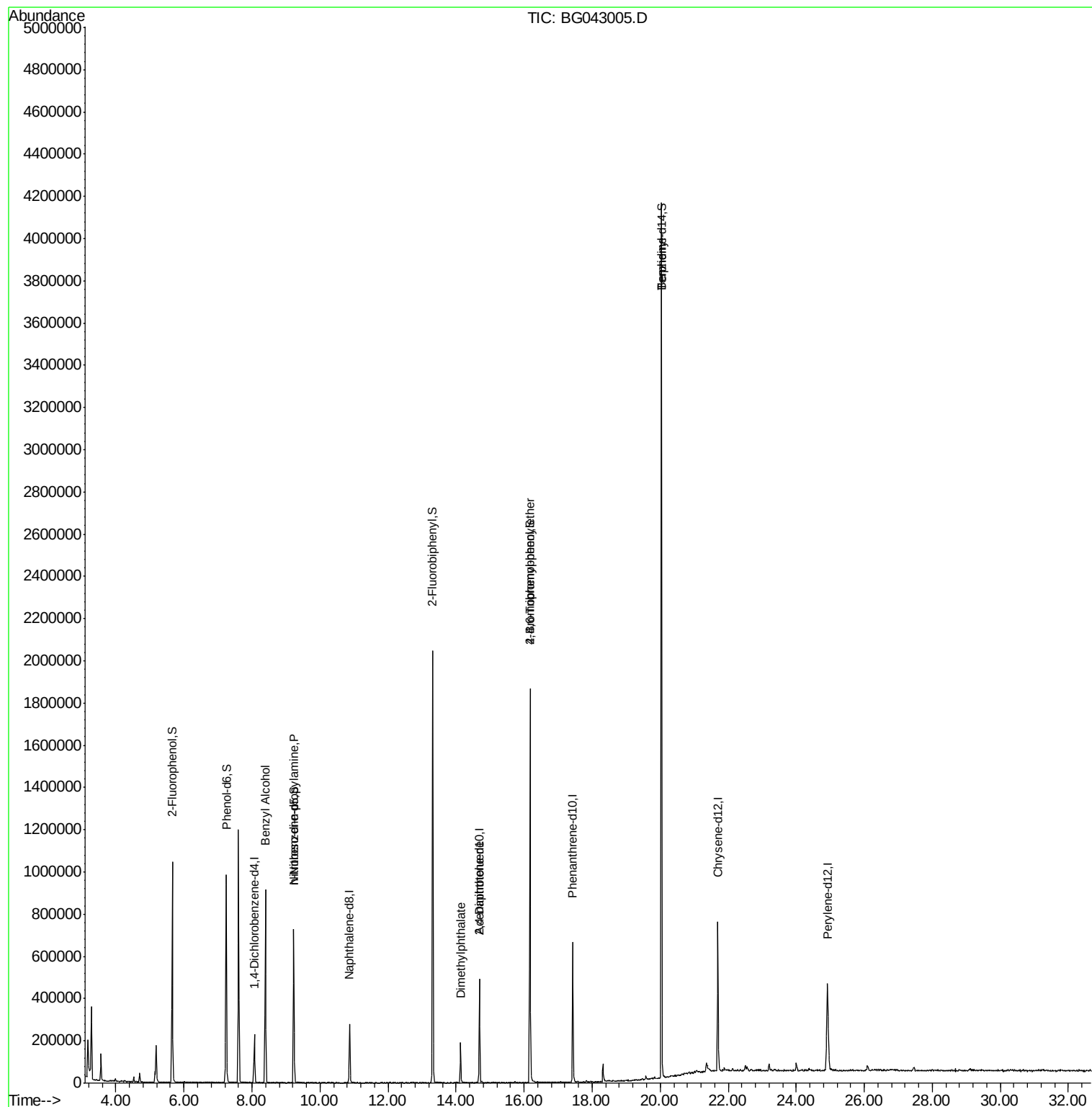
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68216	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	247473	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	174306	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	415981	20.00	ng	0.00
76) Chrysene-d12	21.70	240	431427	20.00	ng	-0.02
87) Perylene-d12	24.92	264	502216	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	437749	114.52	ng	0.00
7) Phenol-d6	7.24	99	553421	100.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	449243	88.23	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	407375	135.91	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1126161	93.66	ng	-0.01
79) Terphenyl-d14	20.04	244	1986678	98.12	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.39	79	8344	2.016	ng	# 58
19) n-Nitroso-di-n-propylamine	9.23	70	62457	17.280	ng	# 72
50) Dimethylphthalate	14.13	163	127622	9.772	ng	98
57) 2,4-Dinitrotoluene	14.69	165	24734	6.073	ng	# 27
67) 4-Bromophenyl-phenylether	16.17	248	27876	5.339	ng	# 1
77) Benzidine	20.04	184	33341	3.086	ng	95

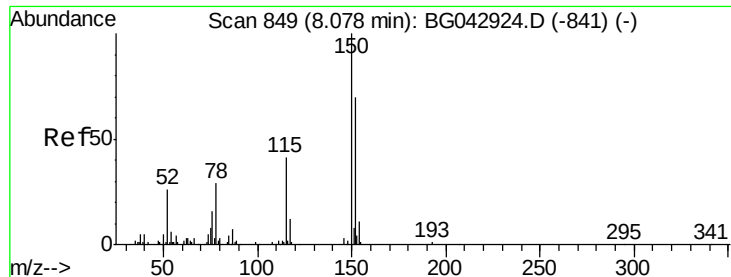
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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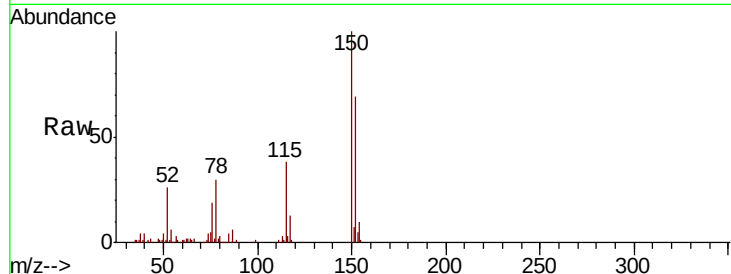


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Instrument :
BNA_G
ClientSampleId :
OR-02-100119

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	115.0	172.4
115	55.4	47.0	70.6

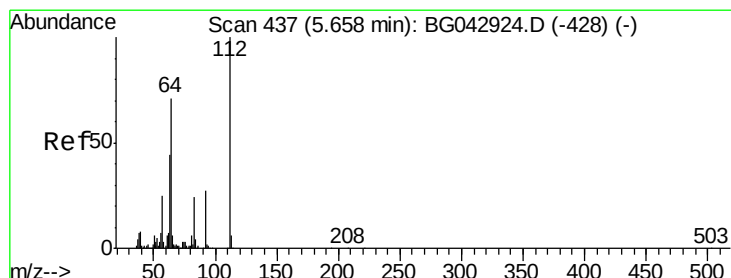
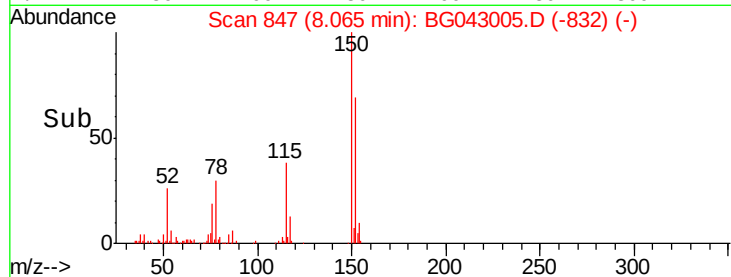
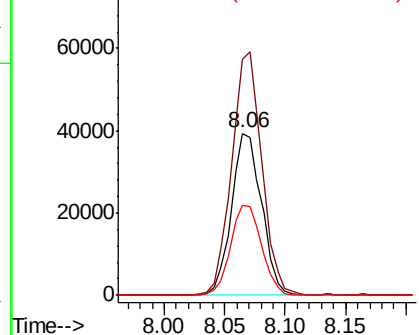


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

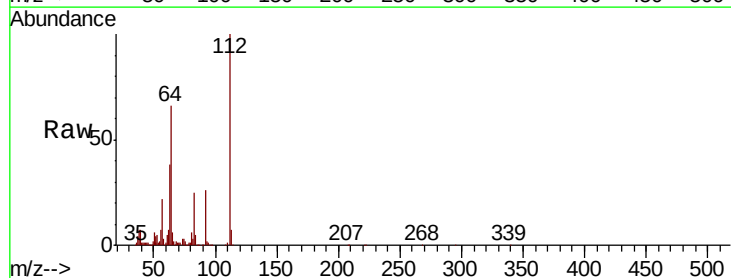
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.521 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.6	84.8
63	38.0	35.1	52.7

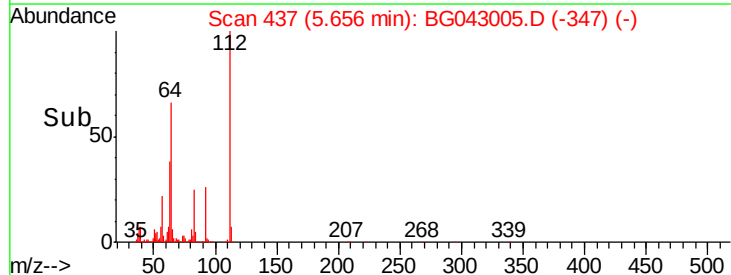
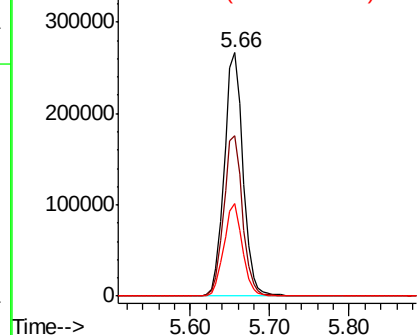


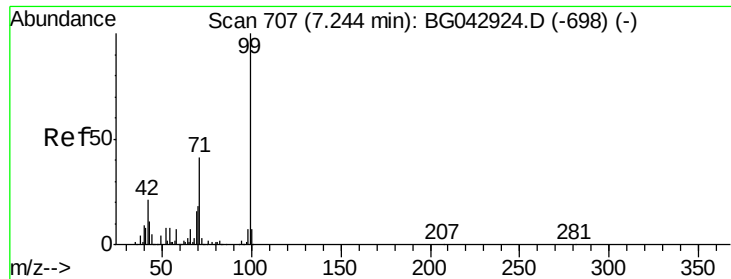
Abundance

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: 100.539 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Instrument :

BNA_G

ClientSampleId :

OR-02-100119

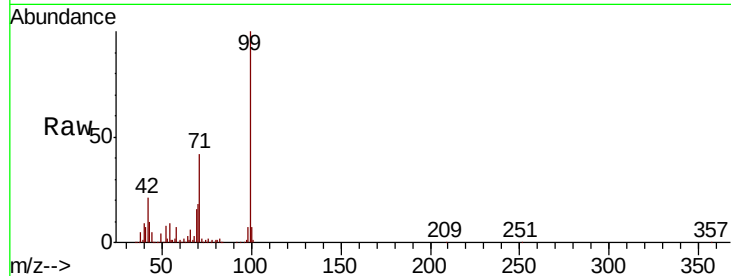
Tot Ion: 99 Resp: 553421

Ion Ratio Lower Upper

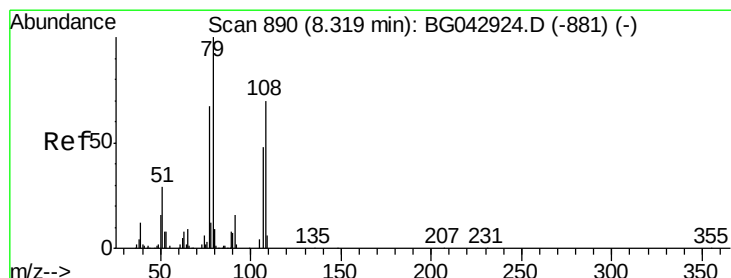
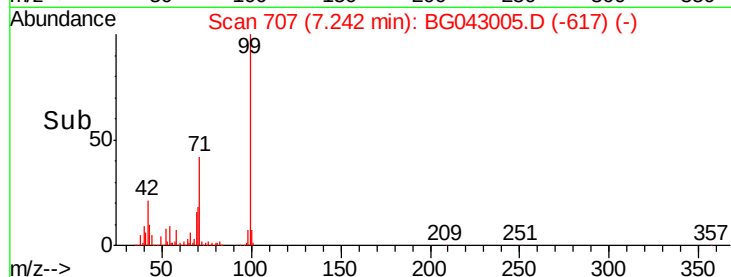
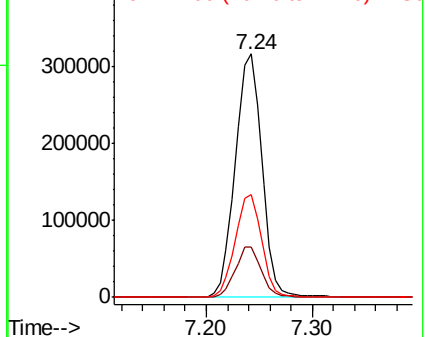
99 100

42 20.8 17.2 25.8

71 42.5 33.1 49.7



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



#15

Benzyl Alcohol

Concen: 2.016 ng

RT: 8.39 min Scan# 903

Delta R.T. 0.07 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

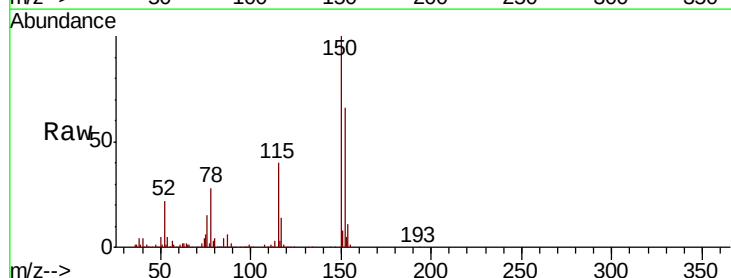
Tgt Ion: 79 Resp: 8344

Ion Ratio Lower Upper

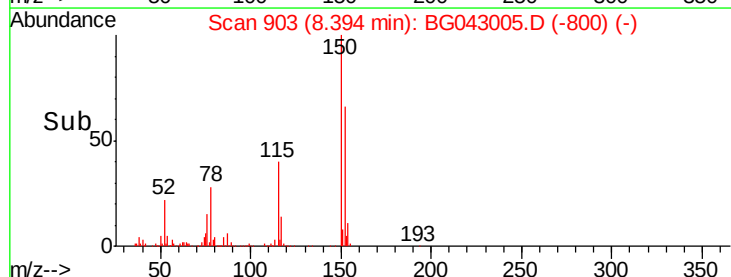
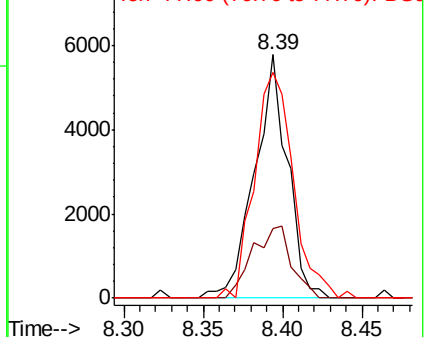
79 100

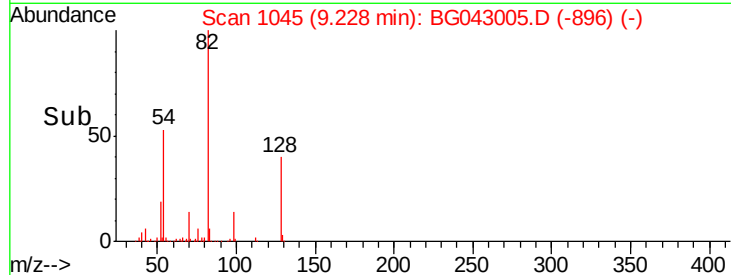
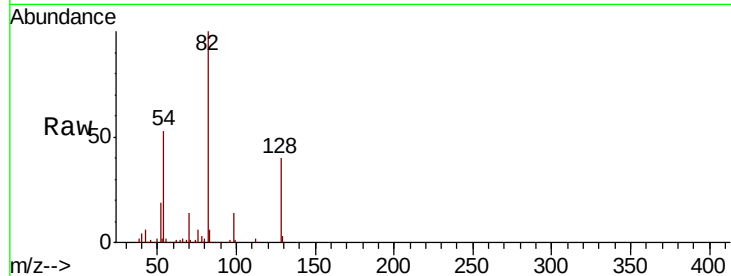
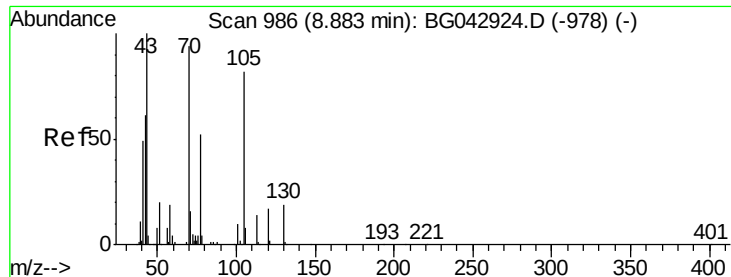
108 28.7 55.7 83.5#

77 92.8 53.3 79.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

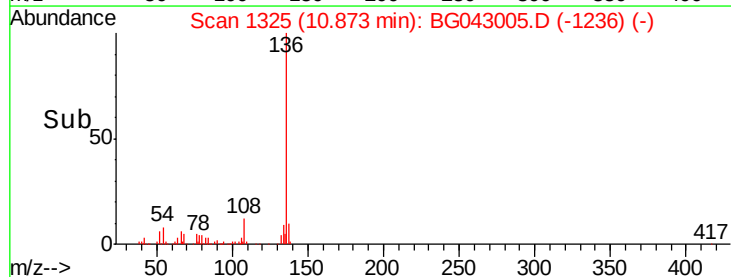
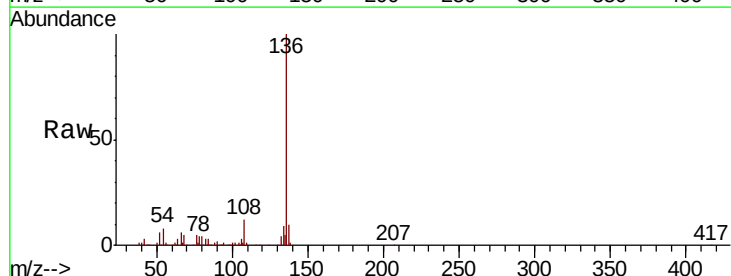
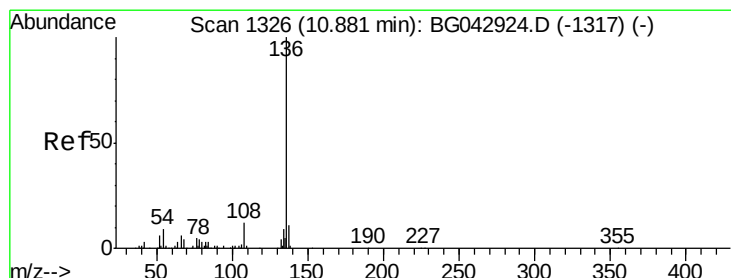
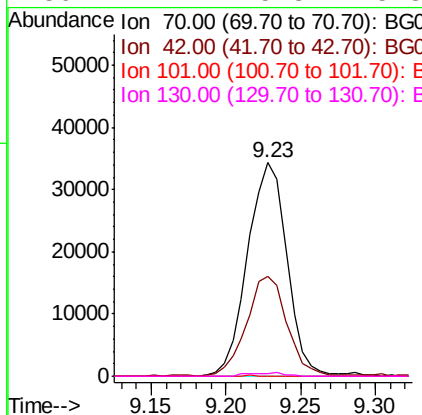




#19
n-Nitroso-di-n-propylamine
Concen: 17.280 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

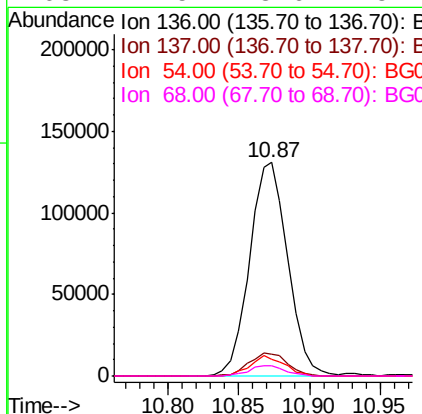
Instrument :
BNA_G
ClientSampleId :
OR-02-100119

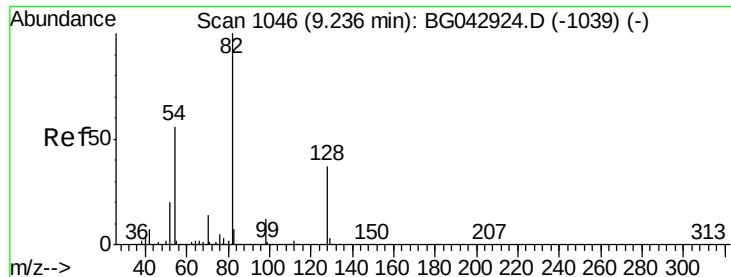
Tot Ion: 70 Resp: 62457
Ion Ratio Lower Upper
70 100
42 46.6 52.6 79.0#
101 0.0 8.7 13.1#
130 1.2 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Tgt Ion: 136 Resp: 247473
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 8.0 7.4 11.2
68 4.5 3.6 5.4

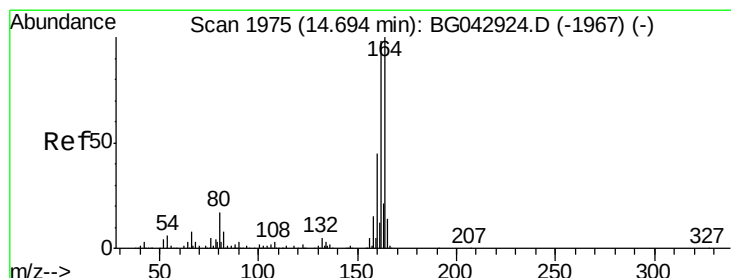
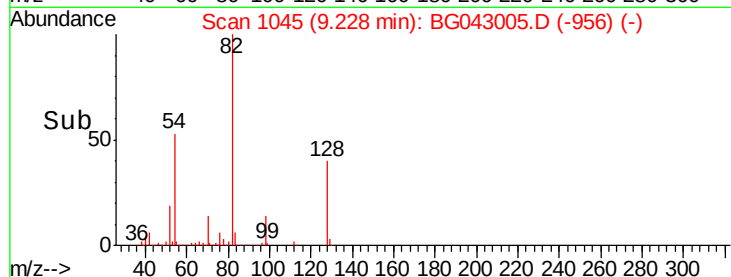
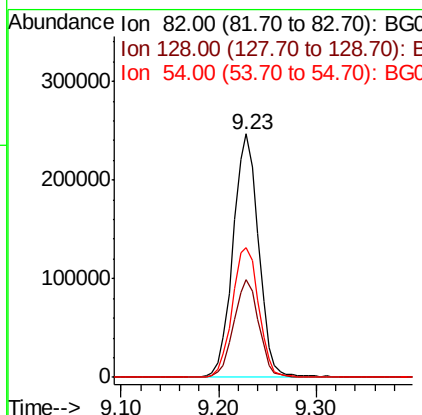
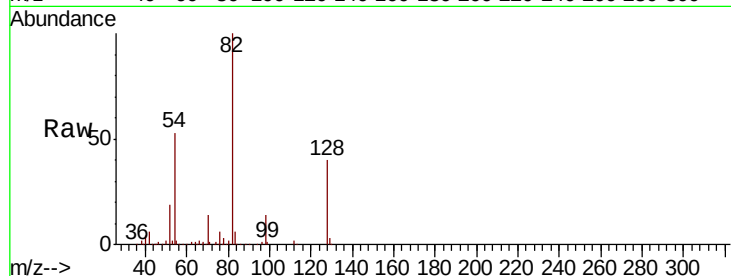




#23
Nitrobenzene-d5
Concen: 88.234 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

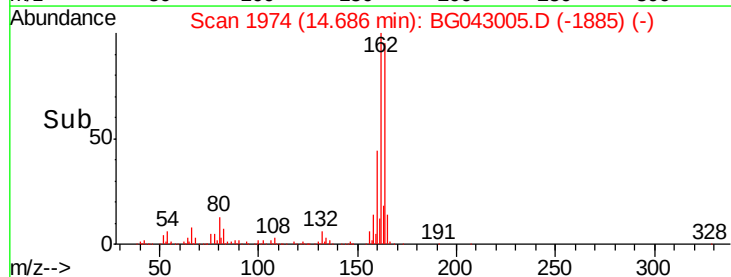
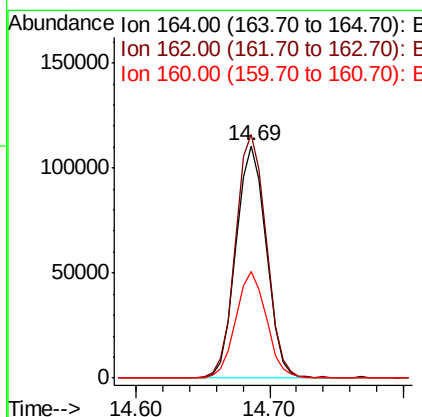
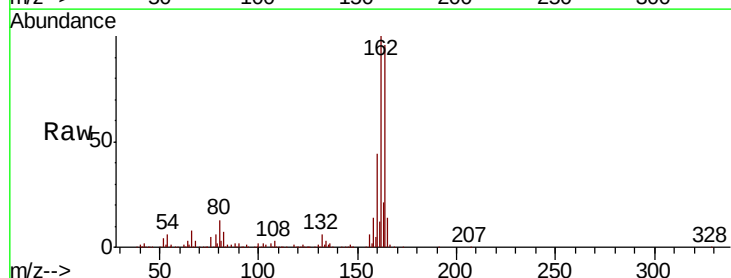
Instrument :
BNA_G
ClientSampleId :
OR-02-100119

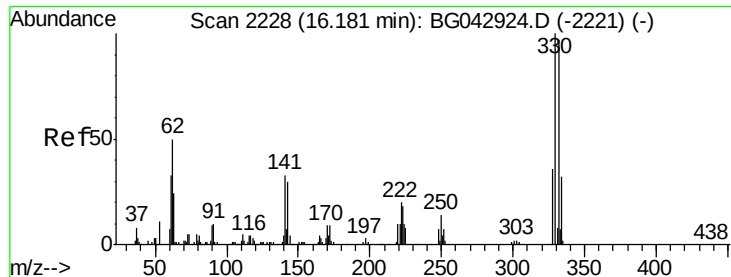
Tot Ion	82	Resp	449243
Ion Ratio	Lower	Upper	
82	100		
128	40.2	29.5	44.3
54	53.2	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Tgt Ion	164	Resp	174306
Ion Ratio	Lower	Upper	
164	100		
162	104.7	78.5	117.7
160	45.9	35.9	53.9

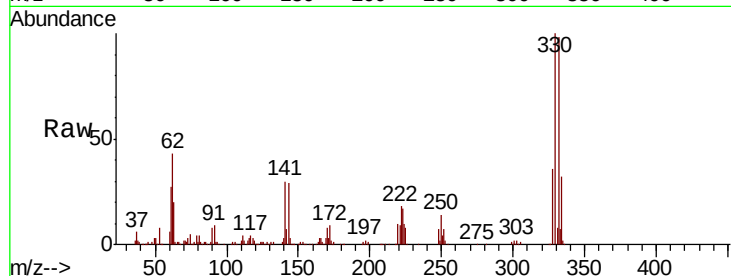




#42
2,4,6-Tribromophenol
Concen: 135.914 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Instrument :
BNA_G
ClientSampleId :
OR-02-100119

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.2	117.2
141	29.9	26.0	39.0

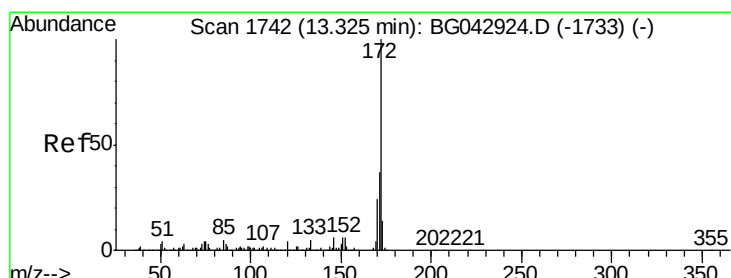
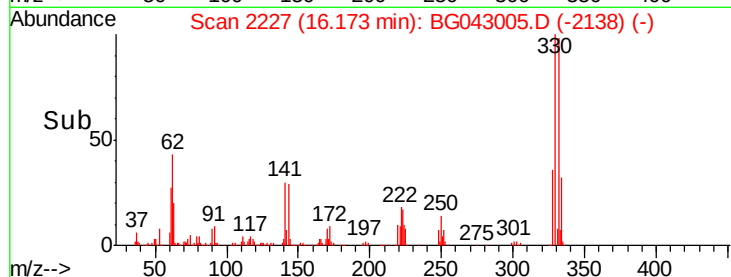
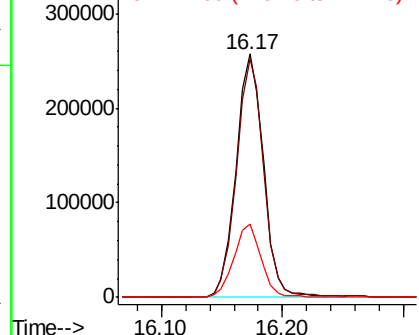


Abundance

Ion 329.80 (329.50 to 330.50): E

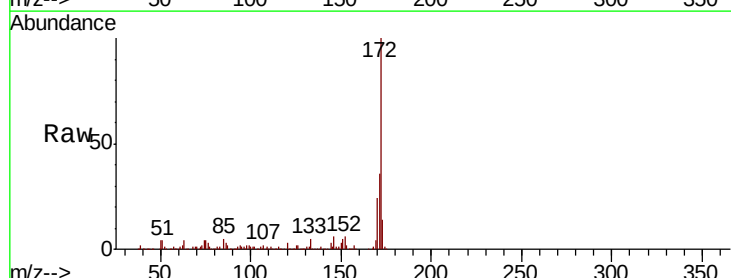
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 93.662 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.6	29.4

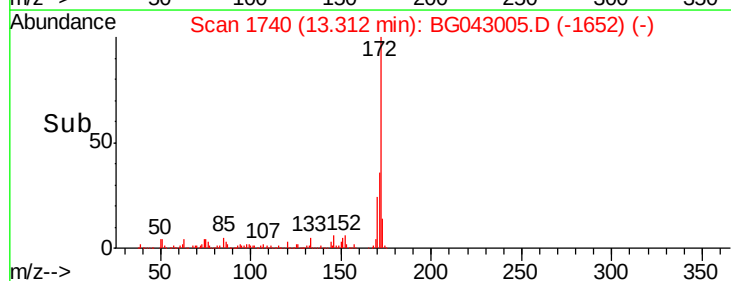
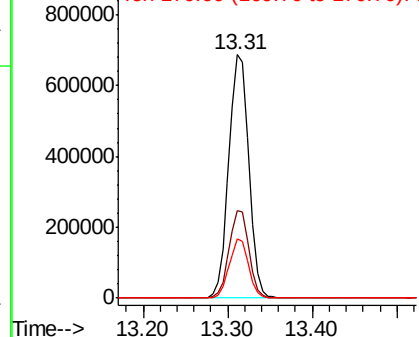


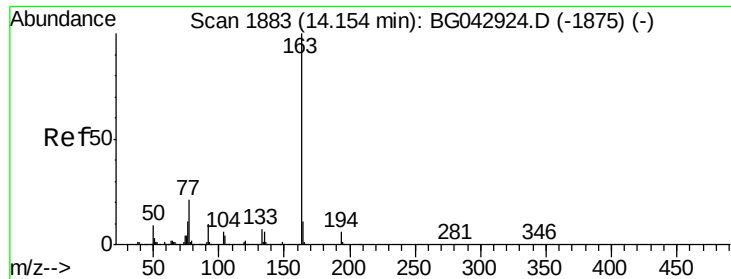
Abundance

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





#50

Dimethylphthalate

Concen: 9.772 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Instrument :

BNA_G

ClientSampled :

OR-02-100119

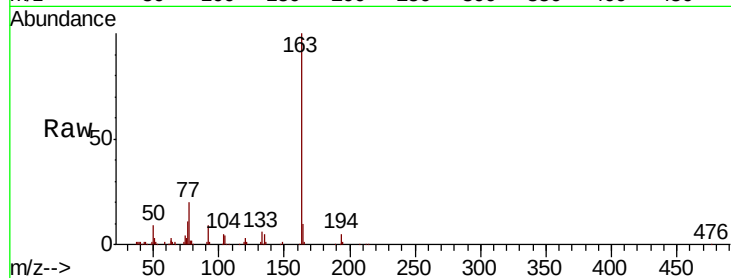
Tot Ion:163 Resp: 127622

Ion Ratio Lower Upper

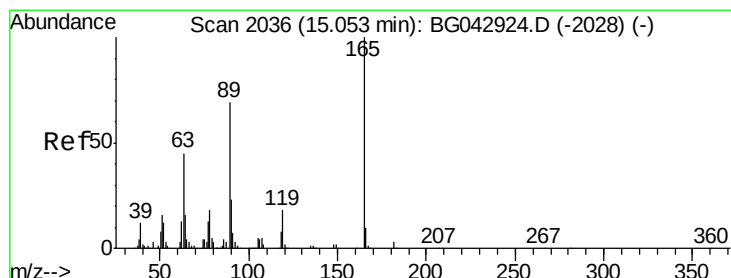
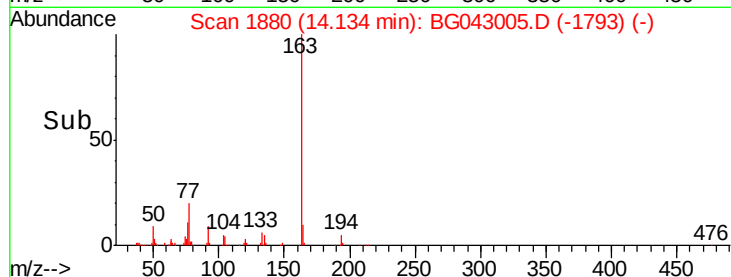
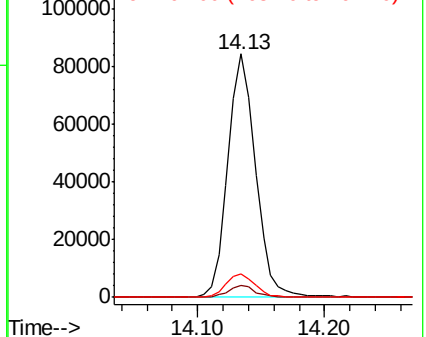
163 100

194 4.8 4.4 6.6

164 9.7 8.6 12.8



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: 6.073 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.37 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Tgt Ion:165 Resp: 24734

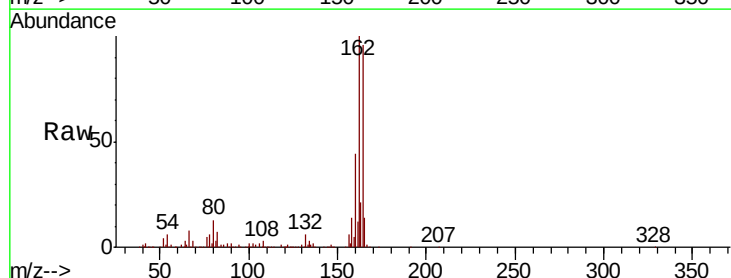
Ion Ratio Lower Upper

165 100

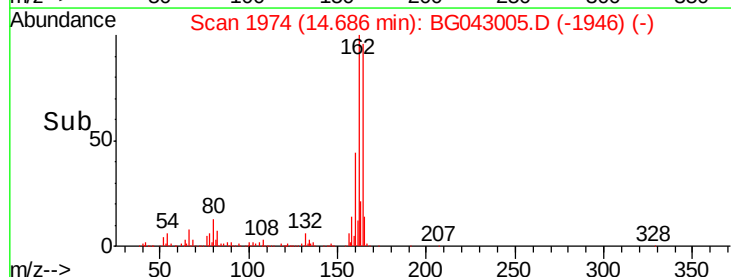
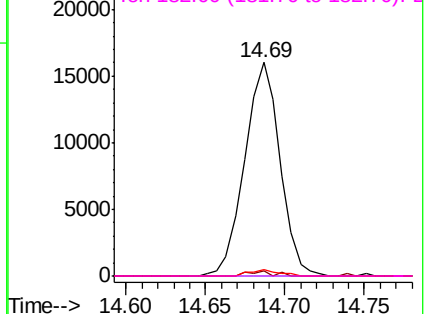
63 2.5 36.5 54.7#

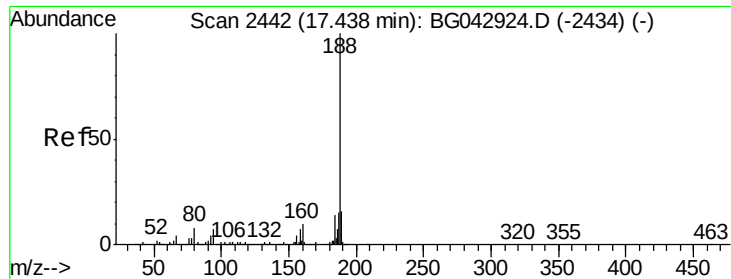
89 3.2 55.5 83.3#

182 0.0 2.4 3.6#



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Instrument :

BNA_G

ClientSampleId :

OR-02-100119

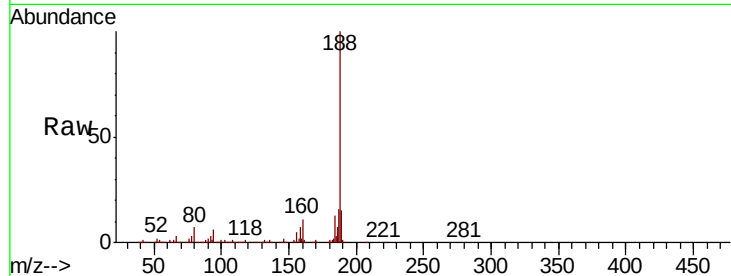
Tot Ion:188 Resp: 415981

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

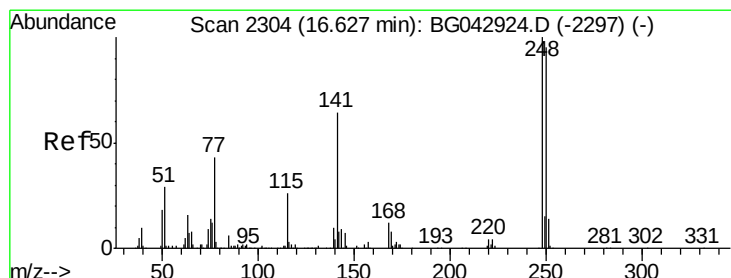
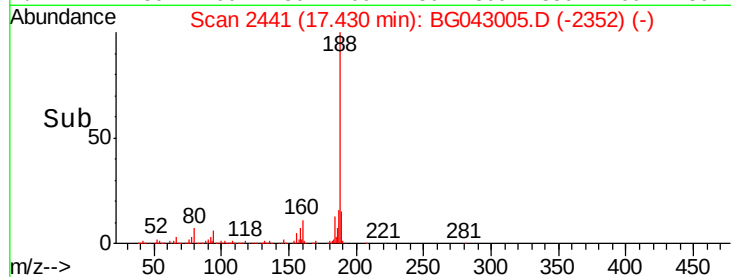
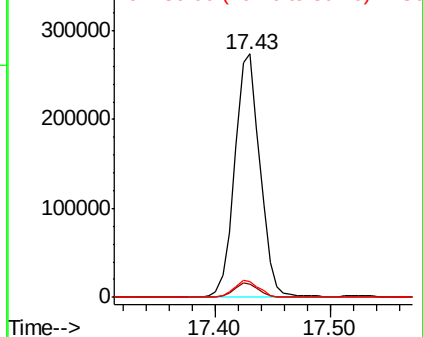
80 6.7 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.339 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

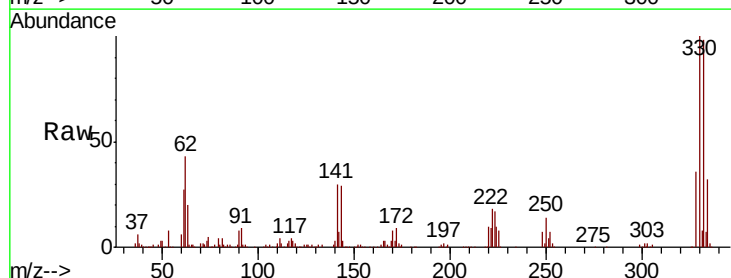
Tgt Ion:248 Resp: 27876

Ion Ratio Lower Upper

248 100

250 187.0 75.8 113.8#

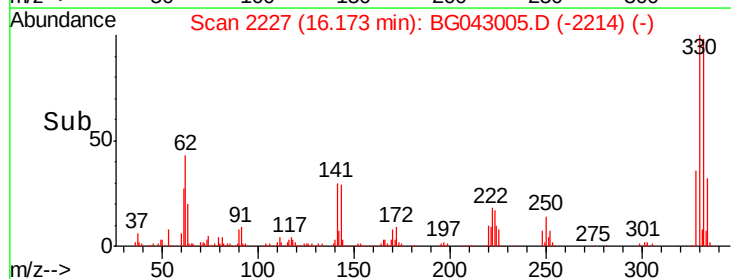
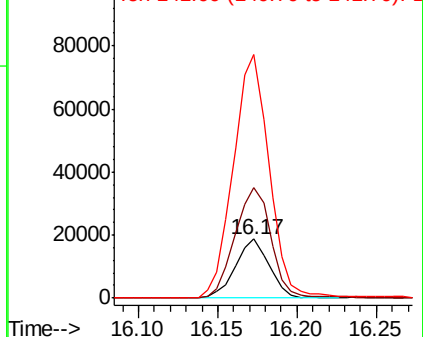
141 411.4 51.1 76.7#

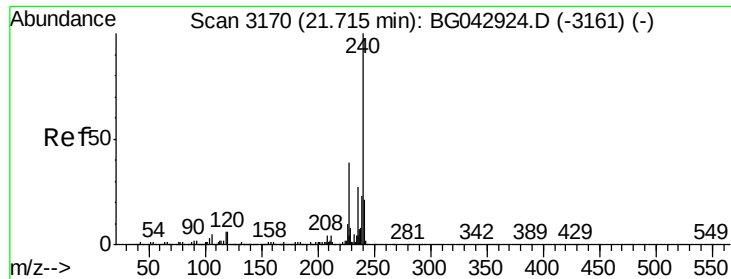


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Instrument :

BNA_G

ClientSampleId :

OR-02-100119

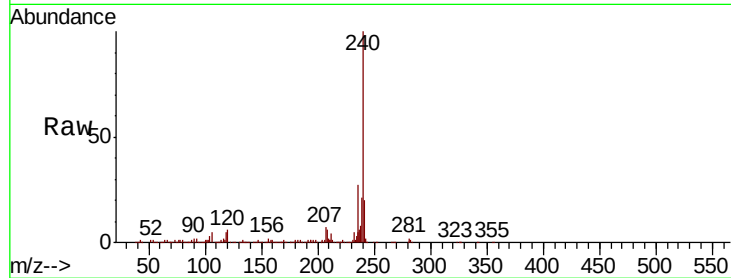
Tot Ion:240 Resp: 431427

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

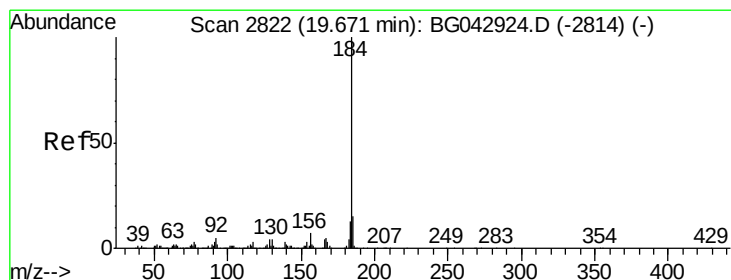
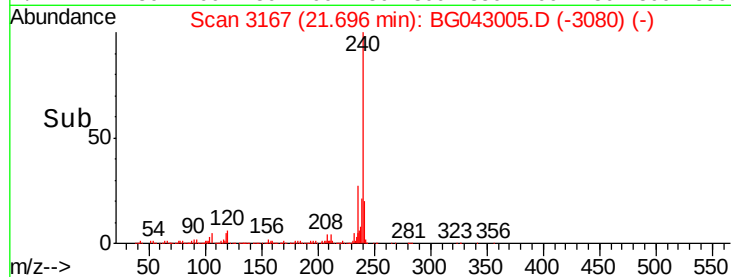
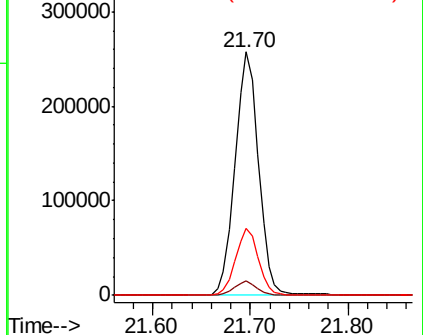
236 27.3 21.4 32.0



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



#77

Benzidine

Concen: 3.086 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.37 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

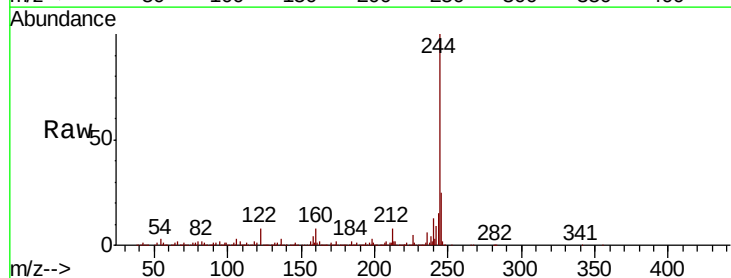
Tgt Ion:184 Resp: 33341

Ion Ratio Lower Upper

184 100

185 16.9 11.8 17.8

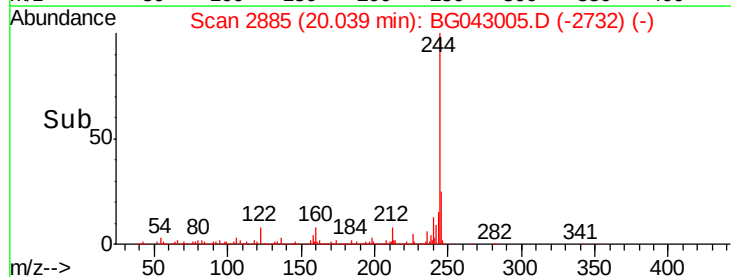
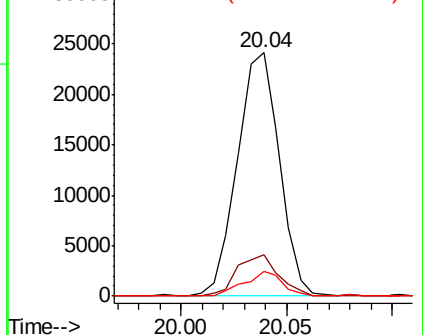
183 10.4 10.1 15.1

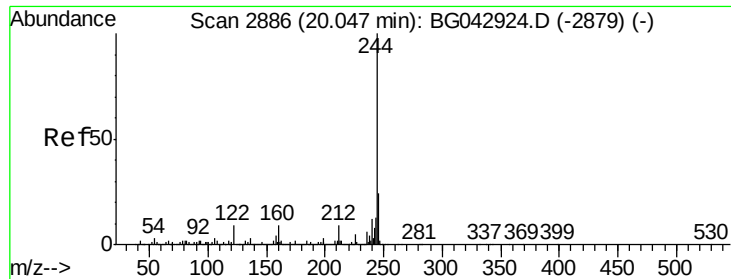


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 98.125 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Instrument :

BNA_G

ClientSampleId :

OR-02-100119

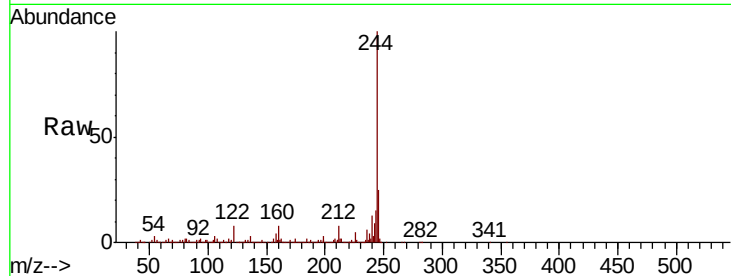
Tot Ion:244 Resp: 1986678

Ion Ratio Lower Upper

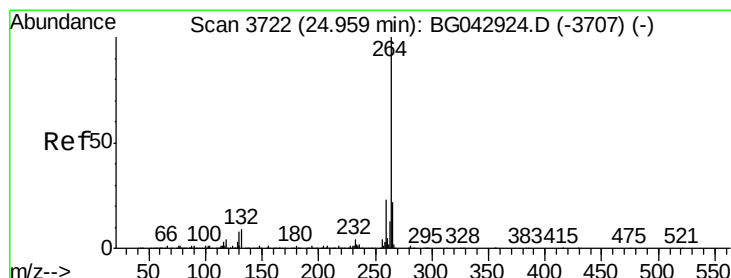
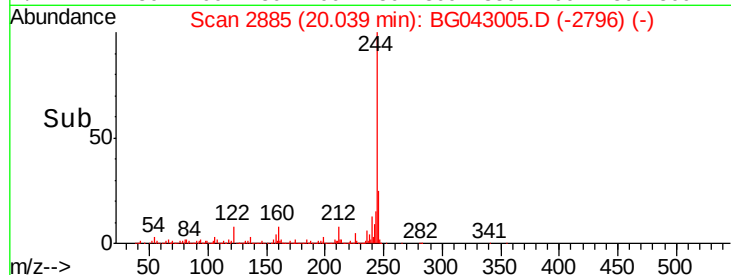
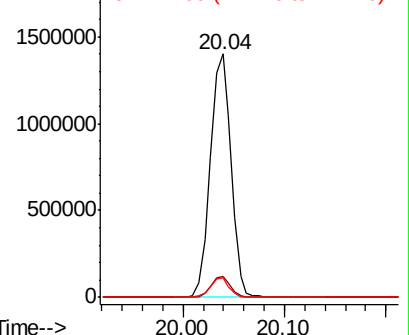
244 100

212 8.5 7.4 11.0

122 7.9 7.0 10.4



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: 24.92 min Scan# 3715

Delta R.T. -0.04 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

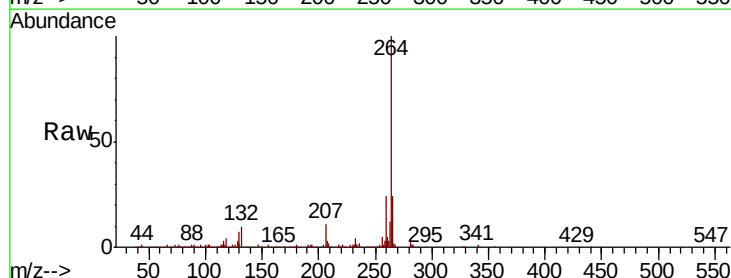
Tgt Ion:264 Resp: 502216

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 24.1 17.7 26.5



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

