

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043448.D
 Acq On : 1 Nov 2019 00:13
 Operator : JU
 Sample : K5620-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 04:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

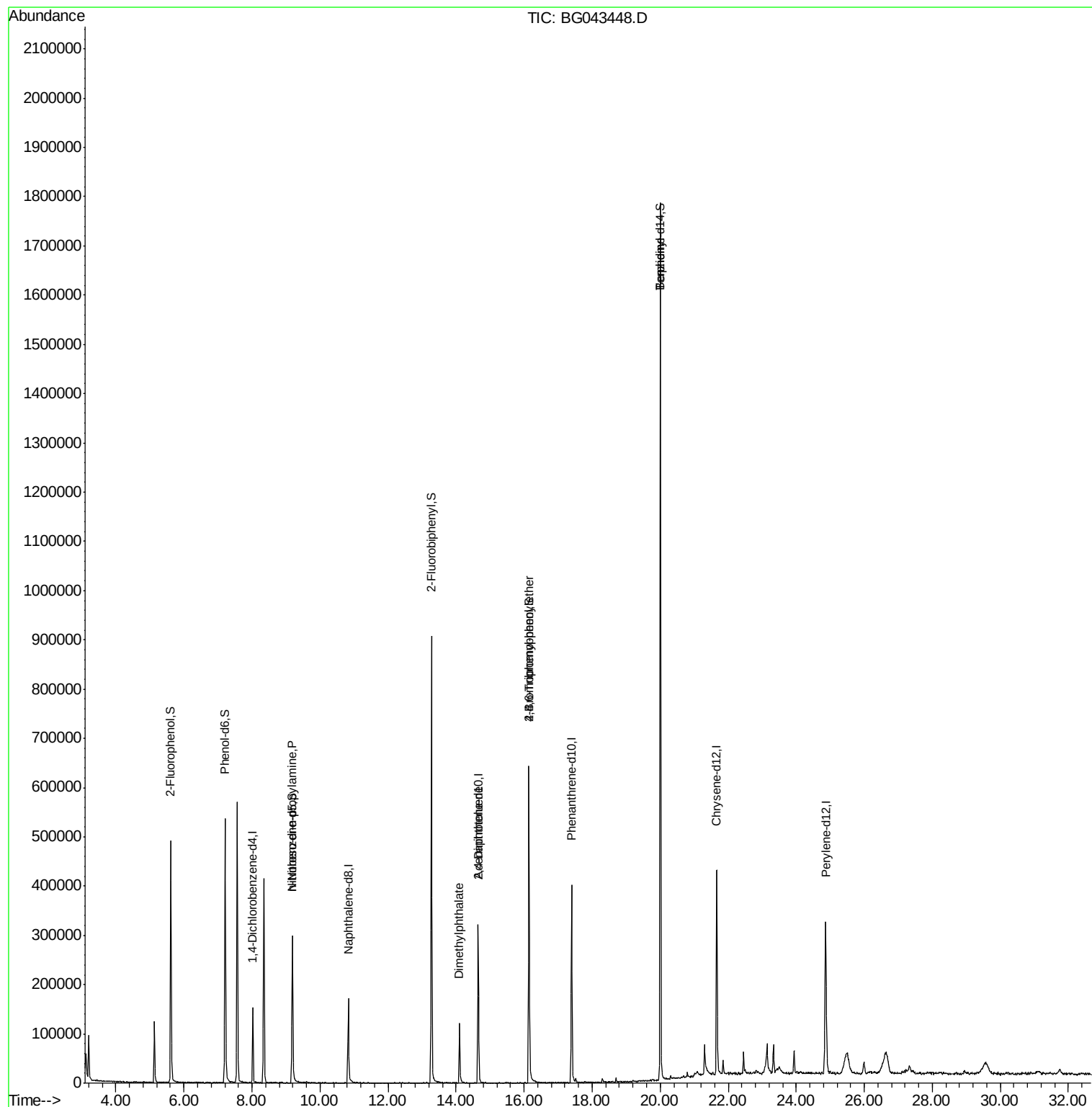
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	48471	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178561	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	121196	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	287532	20.00	ng	0.00
76) Chrysene-d12	21.66	240	291023	20.00	ng	0.00
87) Perylene-d12	24.86	264	346754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	234225	88.55	ng	0.00
7) Phenol-d6	7.21	99	348587	91.59	ng	0.00
23) Nitrobenzene-d5	9.19	82	208551	60.21	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	171288	74.27	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	543594	61.98	ng	0.00
79) Terphenyl-d14	20.00	244	939048	60.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	27862	11.330	ng	# 74
50) Dimethylphthalate	14.10	163	99042	10.550	ng	# 99
57) 2,4-Dinitrotoluene	14.65	165	16580	5.689	ng	# 27
67) 4-Bromophenyl-phenylether	16.14	248	11645	3.009	ng	# 1
77) Benzidine	20.00	184	13092	2.235	ng	# 90

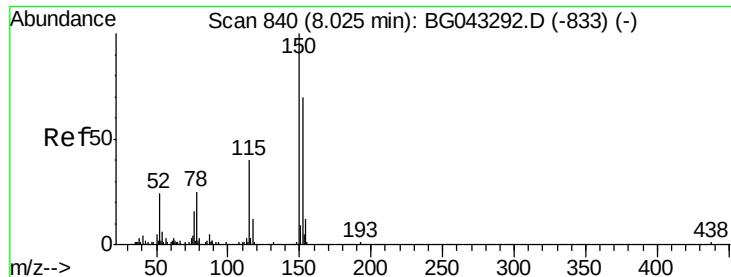
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 01 04:03:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



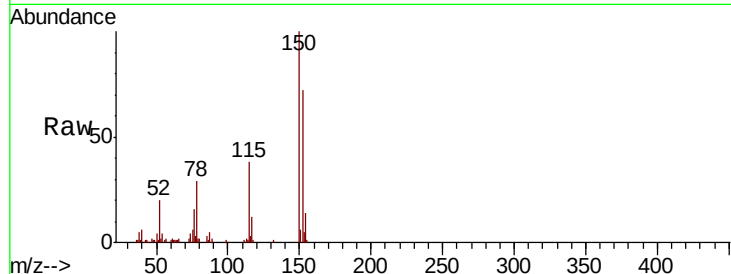


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043448.D
Acq: 1 Nov 2019 00:13

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.8	113.6	170.4
115	53.5	45.9	68.9

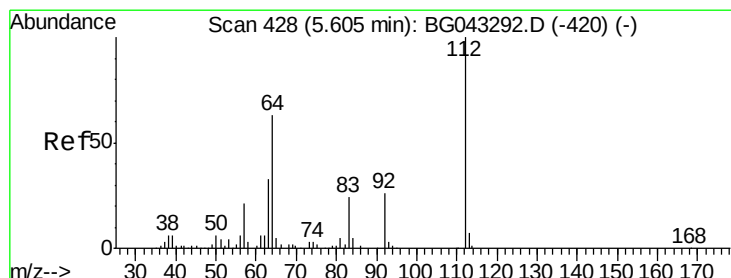
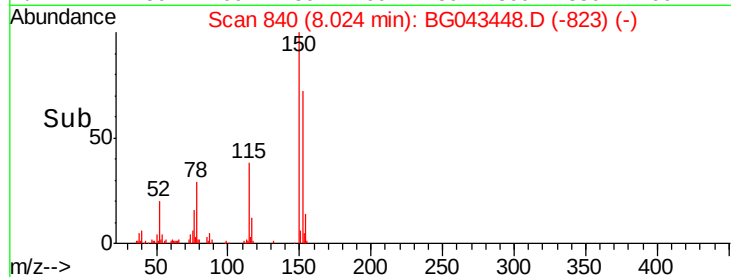
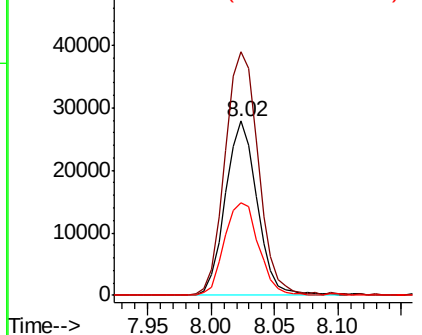


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

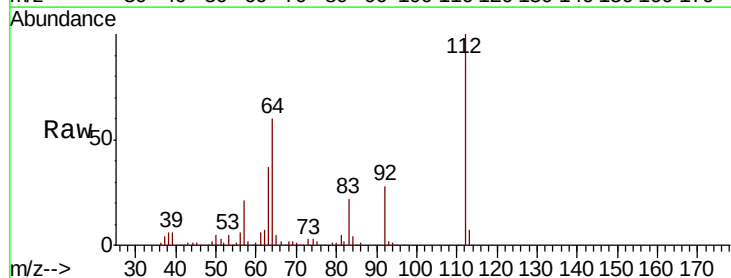
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.549 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043448.D
Acq: 1 Nov 2019 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	50.2	75.2
63	37.3	26.7	40.1

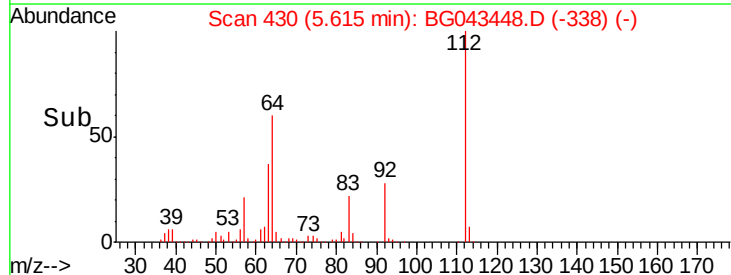
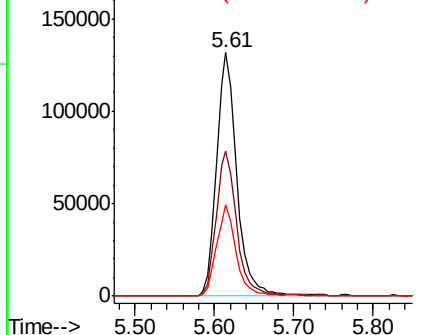


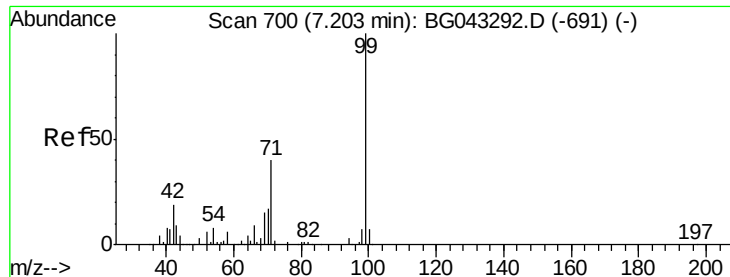
Abundance

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





#7

Phenol-d6

Concen: 91.595 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043448.D

Acq: 1 Nov 2019 00:13

Instrument :

BNA_G

ClientSampled :

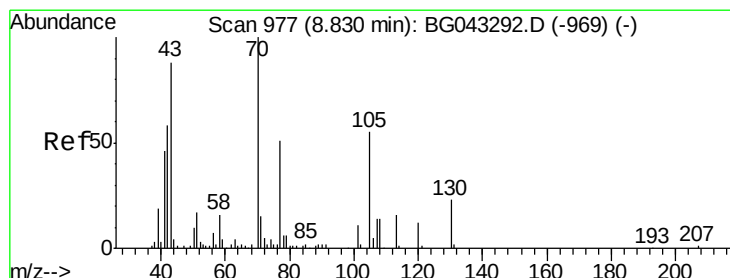
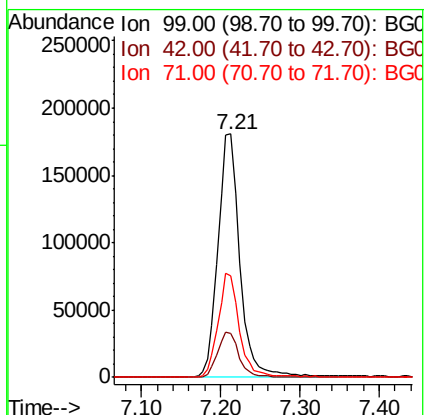
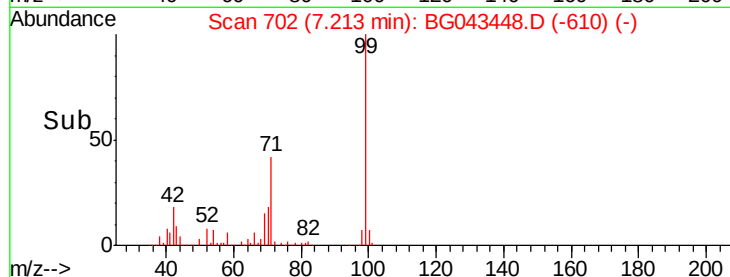
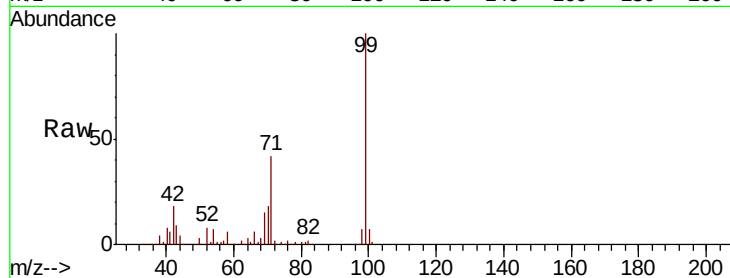
Tot Ion: 99 Resp: 348587

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 41.9 32.2 48.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.330 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.36 min

Lab File: BG043448.D

Acq: 1 Nov 2019 00:13

Tgt Ion: 70 Resp: 27862

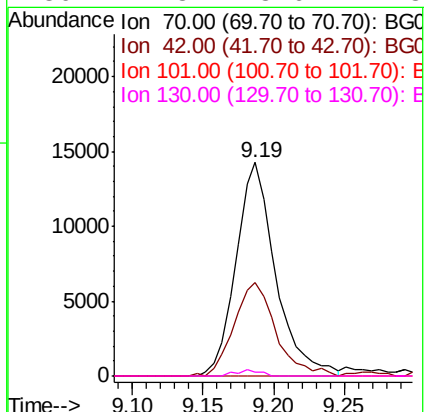
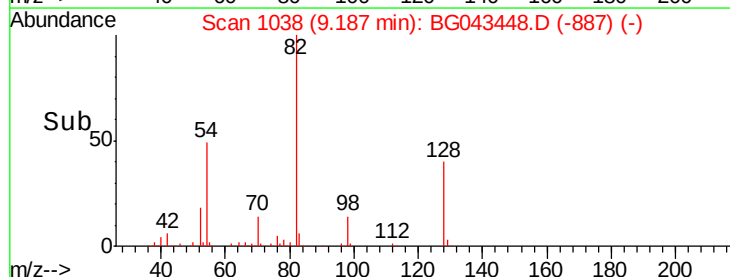
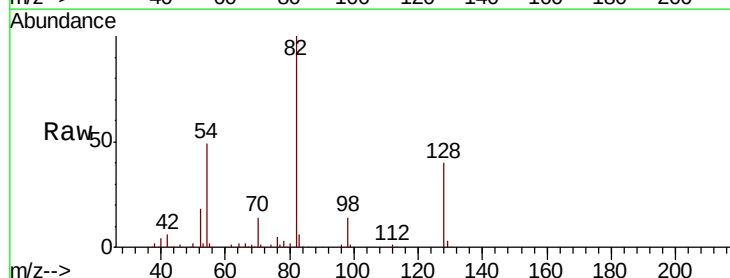
Ion Ratio Lower Upper

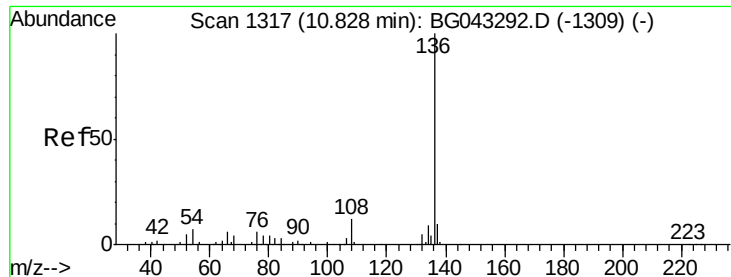
70 100

42 43.9 46.2 69.2#

101 0.0 8.6 13.0#

130 1.8 18.6 27.8#

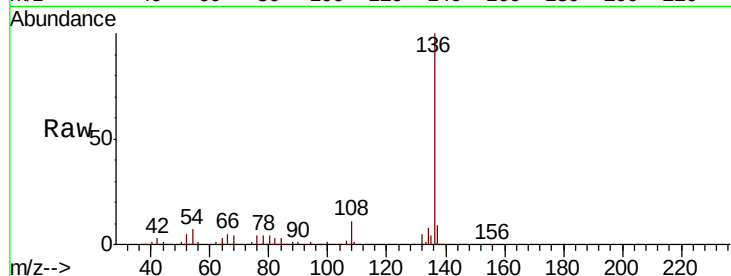




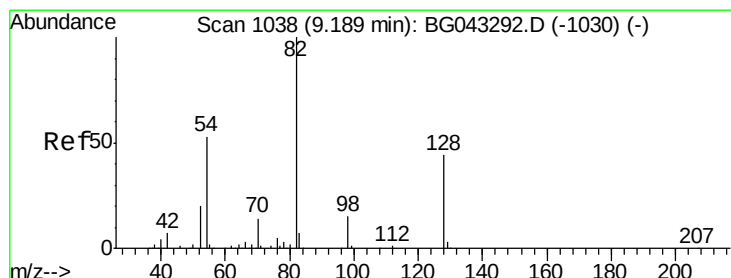
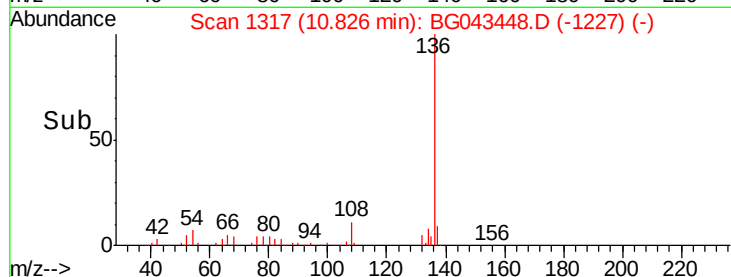
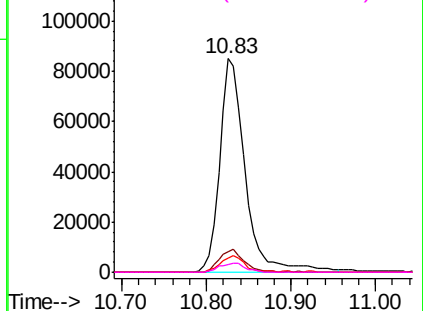
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043448.D
Acq: 1 Nov 2019 00:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	178561
Ion	Ratio	Lower Upper
136	100	
137	9.3	8.2 12.2
54	6.8	5.4 8.2
68	3.6	3.3 4.9

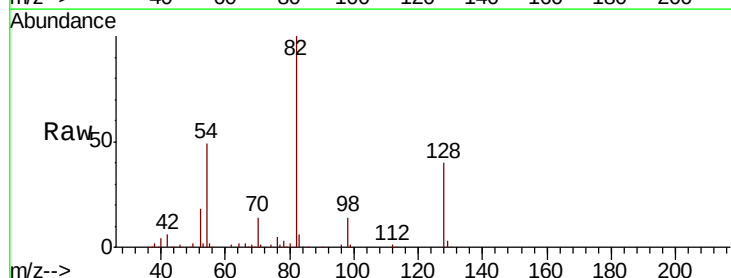


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

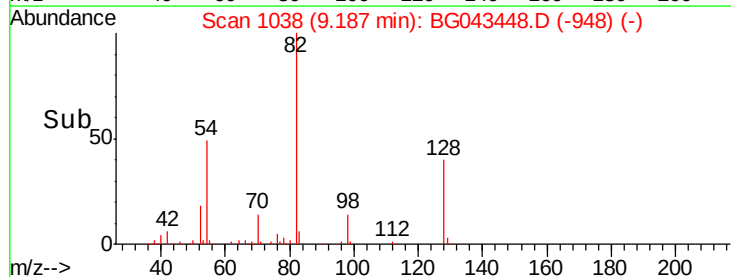
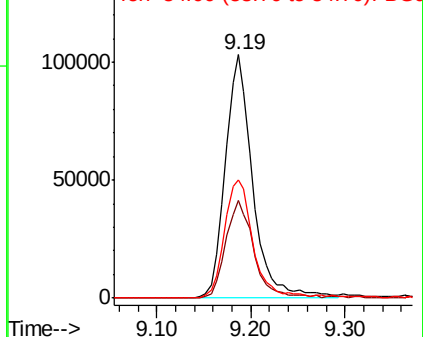


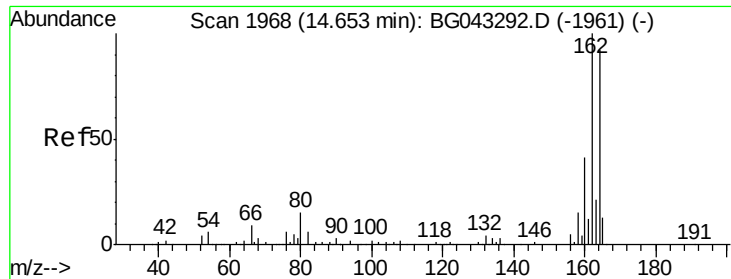
#23
Nitrobenzene-d5
Concen: 60.213 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043448.D
Acq: 1 Nov 2019 00:13

Tgt Ion: 82	Resp:	208551
Ion	Ratio	Lower Upper
82	100	
128	40.1	35.3 52.9
54	48.5	42.3 63.5



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

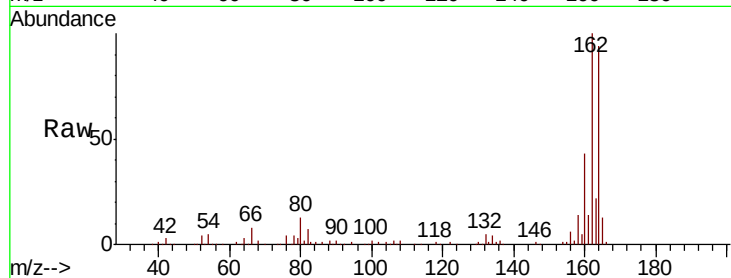




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043448.D
Acq: 1 Nov 2019 00:13

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	87.0	130.4
160	45.5	35.5	53.3

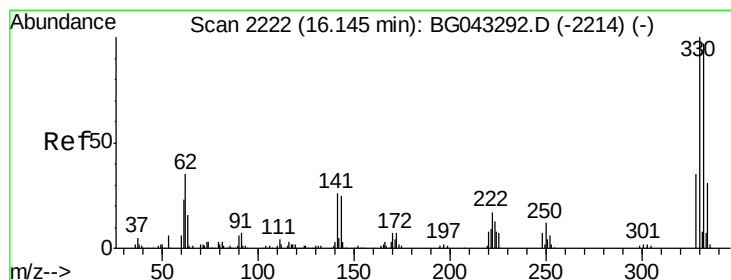
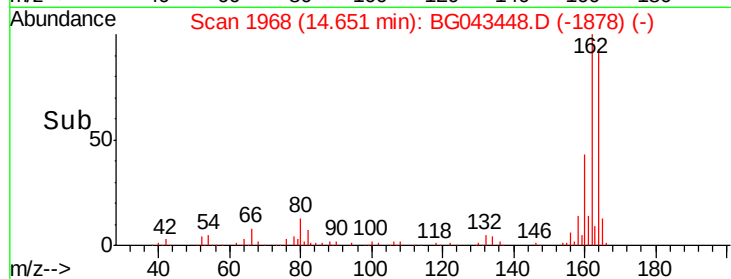
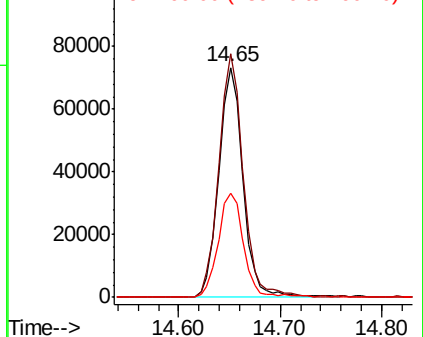


Abundance

Ion 164.00 (163.70 to 164.70): E

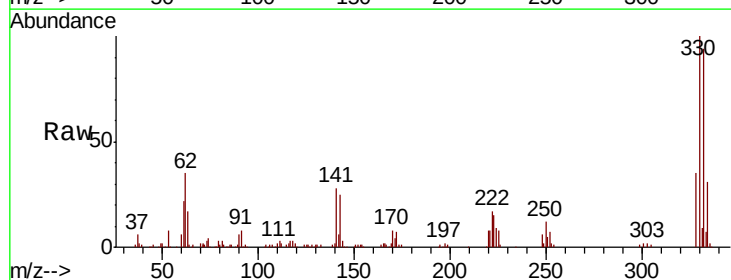
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 74.268 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043448.D
Acq: 1 Nov 2019 00:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.4	114.6
141	29.2	21.4	32.0

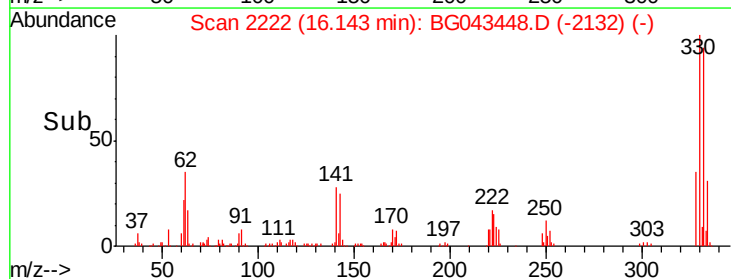
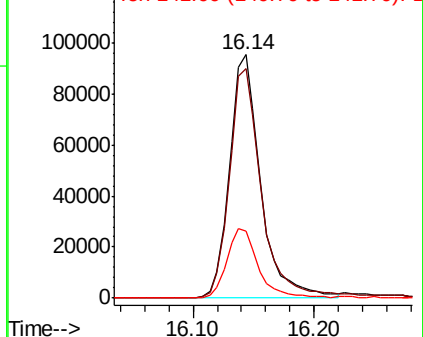


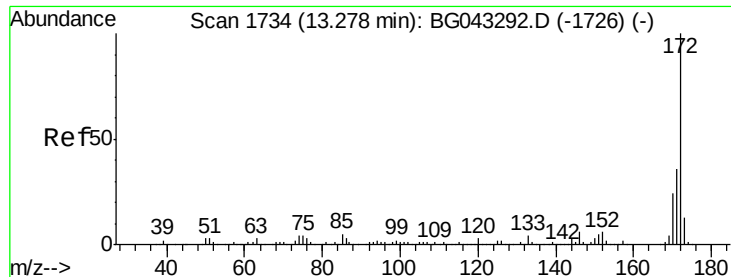
Abundance

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



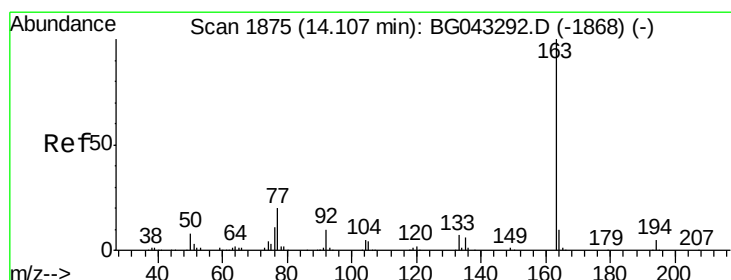
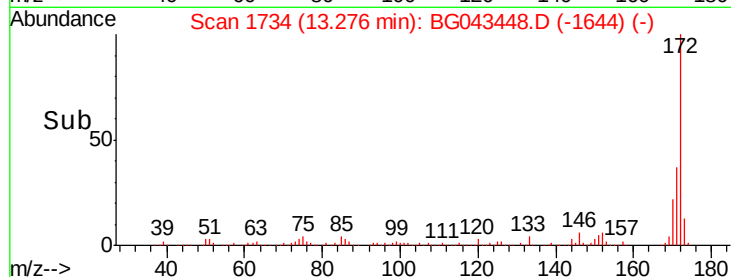
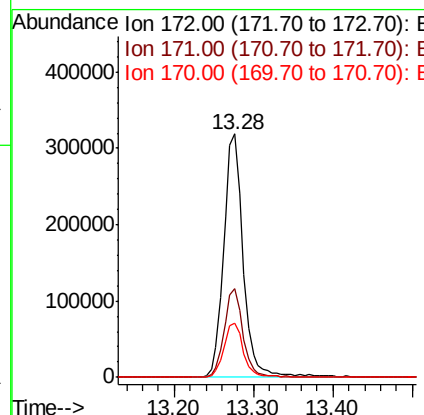
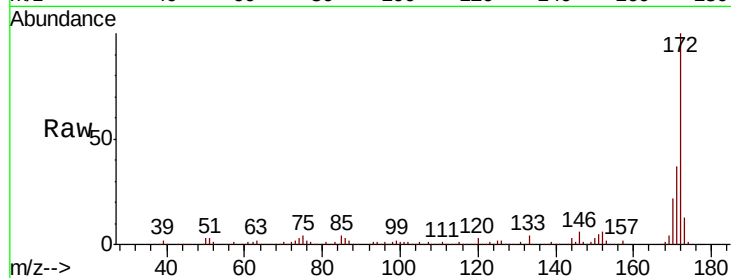


#45
 2-Fluorobiphenyl
 Concen: 61.977 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043448.D
 Acq: 1 Nov 2019 00:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 543594

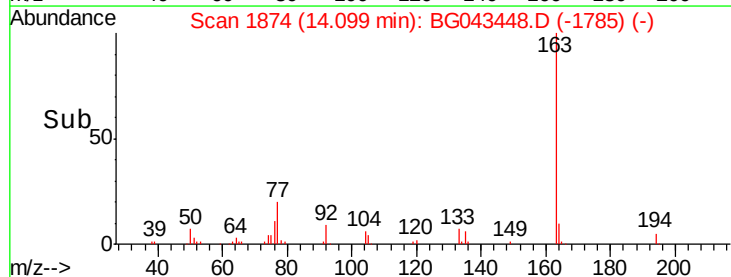
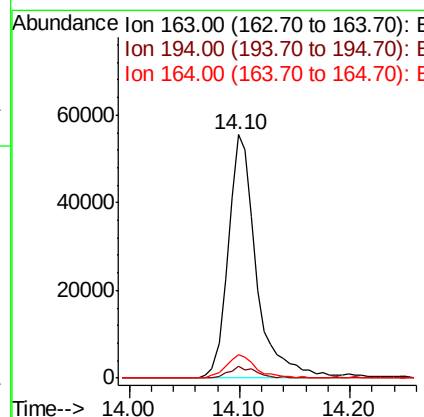
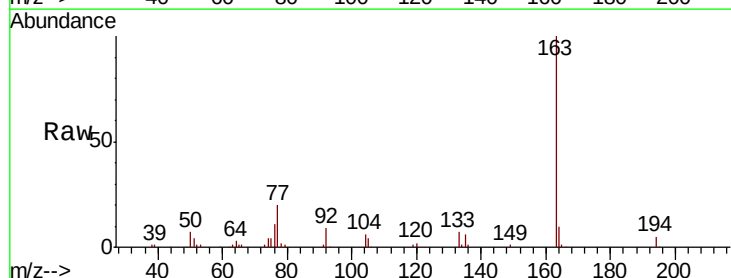
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	22.4	18.8	28.2

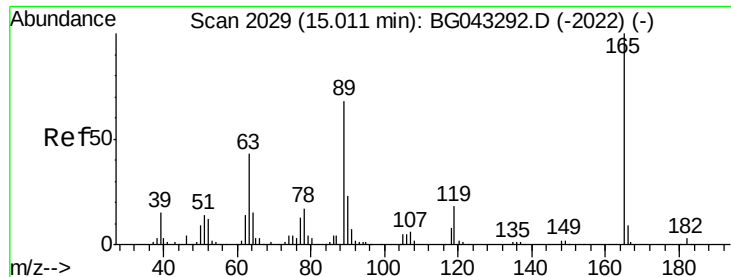


#50
 Dimethylphthalate
 Concen: 10.550 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG043448.D
 Acq: 1 Nov 2019 00:13

Tgt Ion:163 Resp: 99042

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	9.6	8.1	12.1

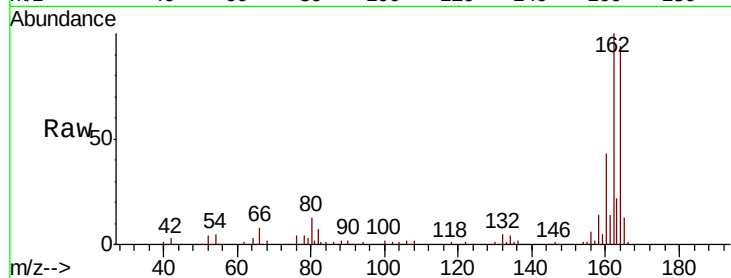




#57
 2,4-Dinitrotoluene
 Concen: 5.689 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG043448.D
 Acq: 1 Nov 2019 00:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	35.0	52.6#
89	2.7	54.1	81.1#
182	0.0	2.2	3.2#



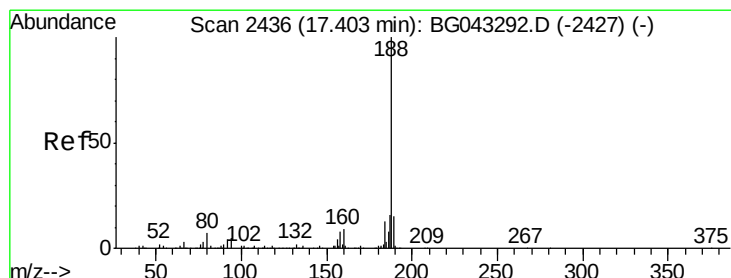
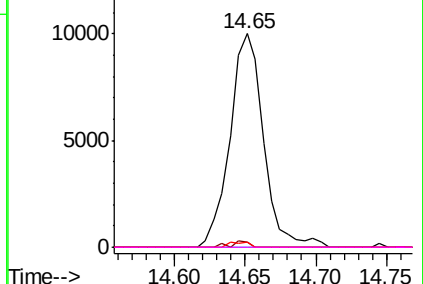
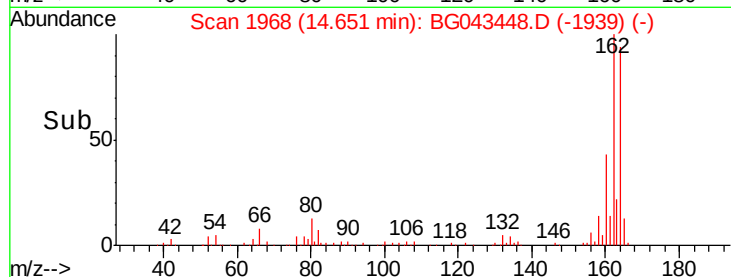
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

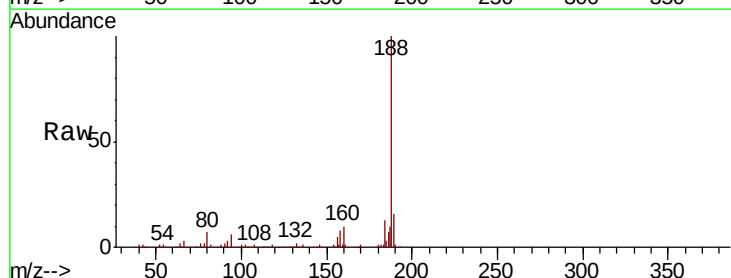
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG043448.D
 Acq: 1 Nov 2019 00:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	6.9	5.2	7.8

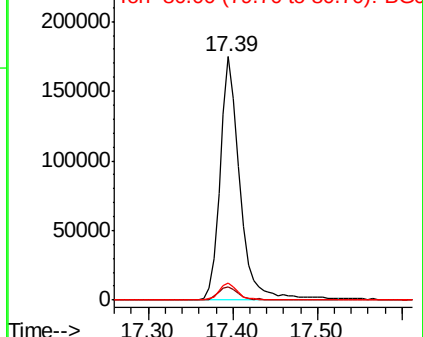
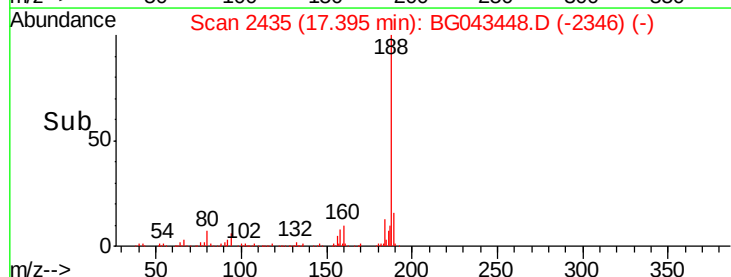


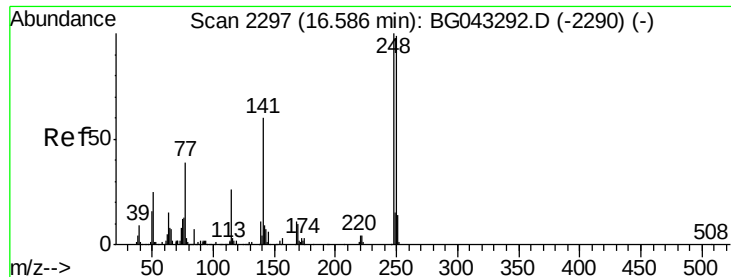
Abundance

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

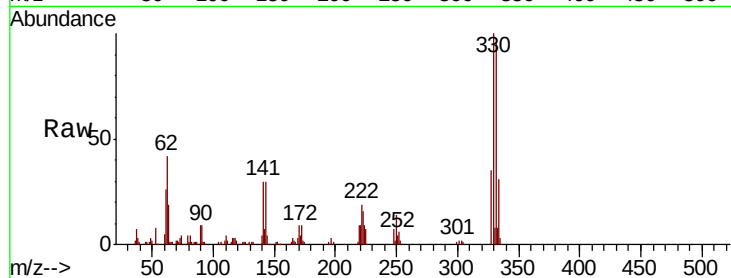




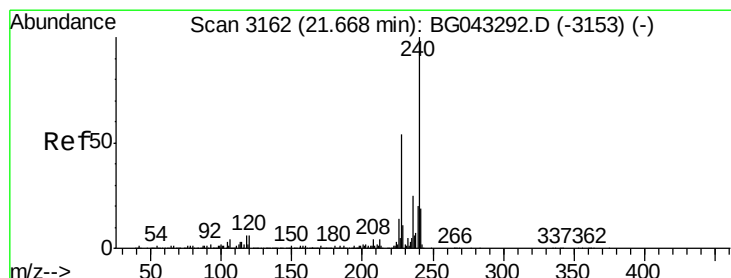
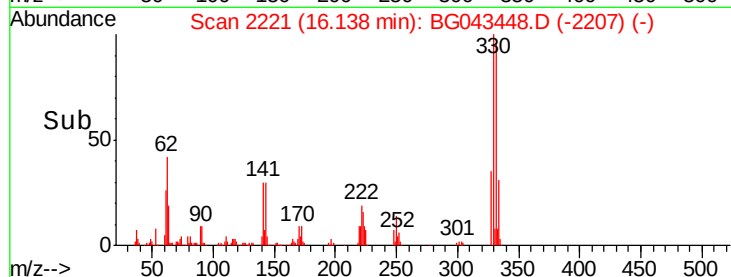
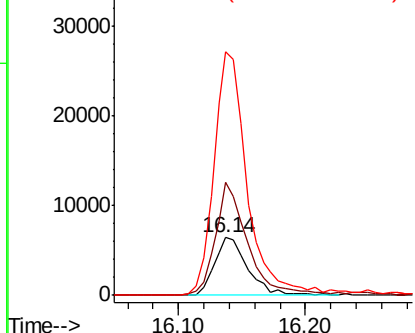
#67
4-Bromophenyl-phenylether
Concen: 3.009 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043448.D
Acq: 1 Nov 2019 00:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11645
Ion Ratio Lower Upper
248 100
250 197.1 79.3 118.9#
141 424.2 47.9 71.9#

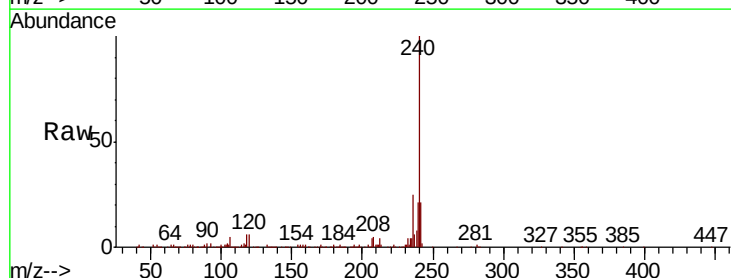


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

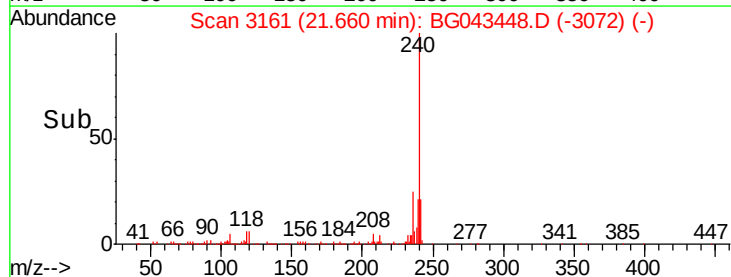
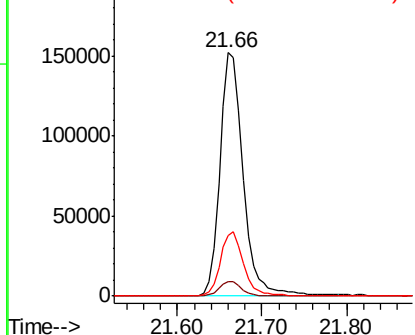


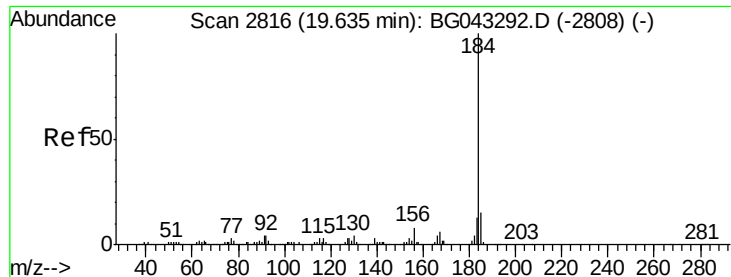
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043448.D
Acq: 1 Nov 2019 00:13

Tgt Ion:240 Resp: 291023
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 24.8 20.2 30.4



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: 2.235 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.37 min

Lab File: BG043448.D

Acq: 1 Nov 2019 00:13

Instrument :

BNA_G

ClientSampleId :

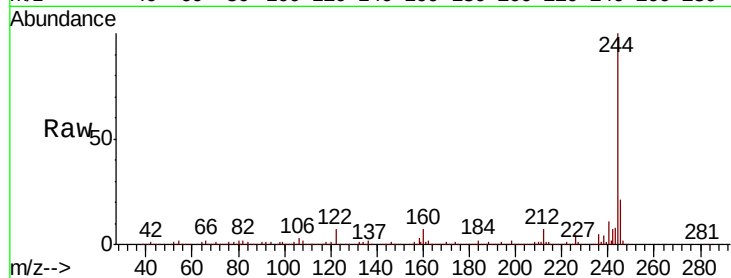
Tot Ion:184 Resp: 13092

Ion Ratio Lower Upper

184 100

185 11.5 11.8 17.6#

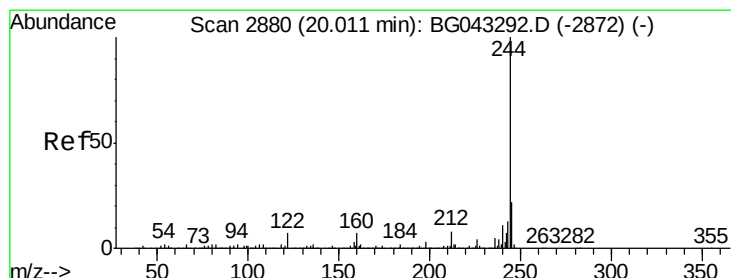
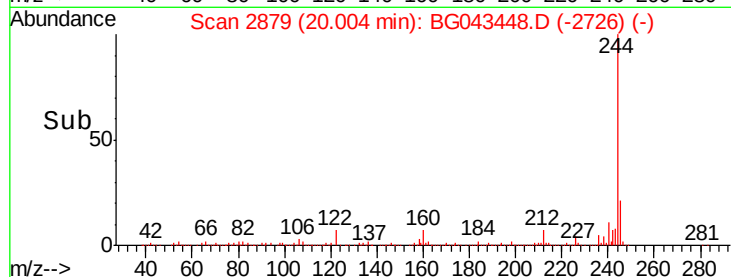
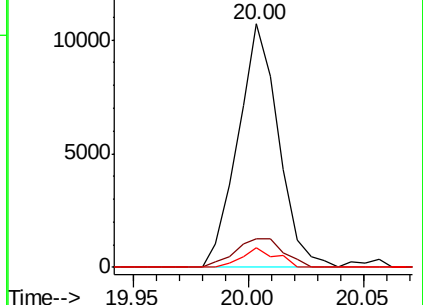
183 8.1 10.6 16.0#



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: 60.535 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043448.D

Acq: 1 Nov 2019 00:13

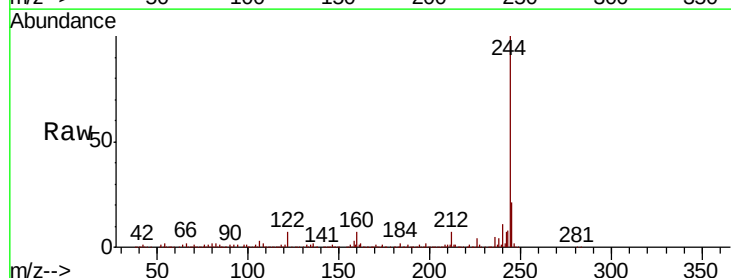
Tgt Ion:244 Resp: 939048

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

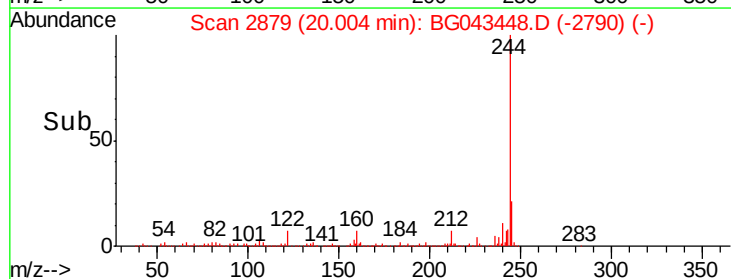
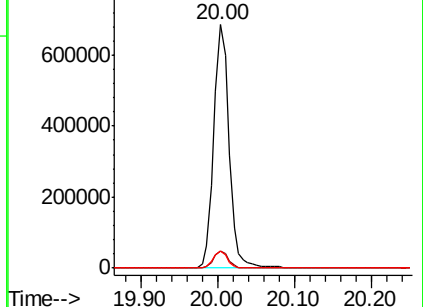
122 6.8 5.3 7.9

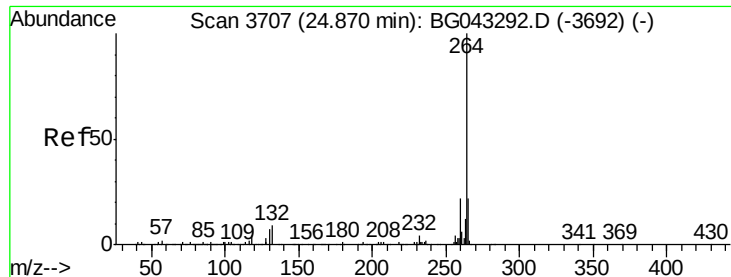


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

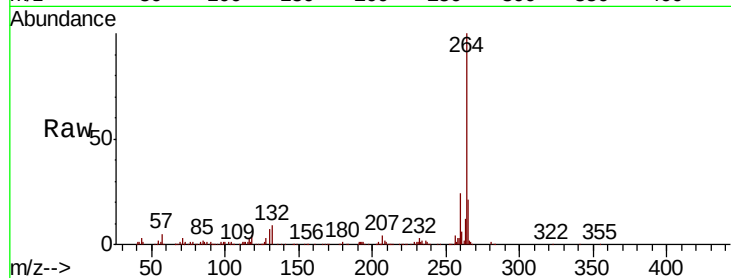




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG043448.D
 Acq: 1 Nov 2019 00:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	20.6	17.4	26.2



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

