

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043362.D
 Acq On : 28 Oct 2019 22:47
 Operator : JU
 Sample : K5542-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:19:22 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

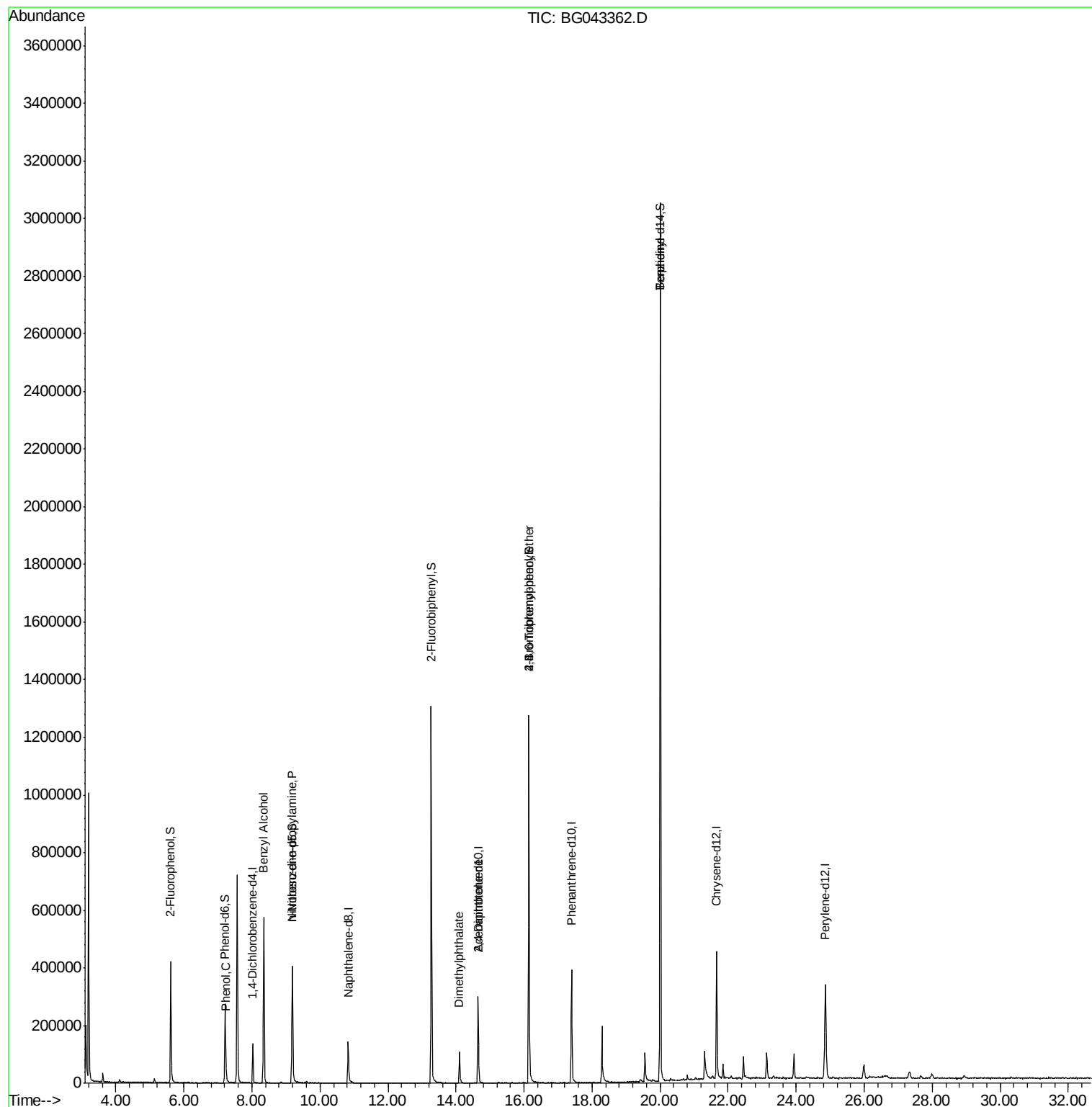
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41233	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	144931	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117120	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	278164	20.00	ng	0.00
76) Chrysene-d12	21.66	240	308453	20.00	ng	0.00
87) Perylene-d12	24.86	264	355957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	203974	90.65	ng	0.01
7) Phenol-d6	7.21	99	181272	55.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	281252	100.05	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	305814	137.21	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	790583	93.27	ng	0.00
79) Terphenyl-d14	20.00	244	1536467	93.45	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13600	4.597	ng	92
15) Benzyl Alcohol	8.35	79	5356	2.356	ng	# 57
19) n-Nitroso-di-n-propylamine	9.18	70	39304	18.788	ng	# 74
50) Dimethylphthalate	14.10	163	87279	9.621	ng	96
57) 2,4-Dinitrotoluene	14.65	165	15804	5.611	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	20688	5.526	ng	# 1
77) Benzidine	20.00	184	24209	3.900	ng	98

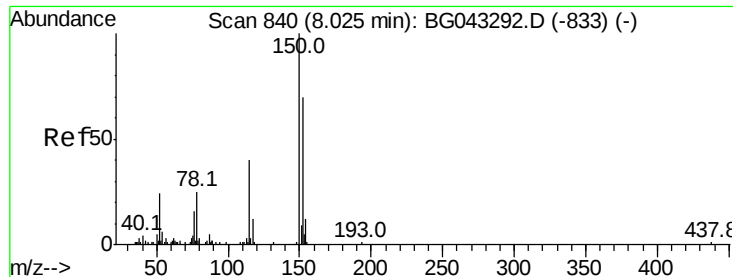
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Oct 29 13:19:22 2019
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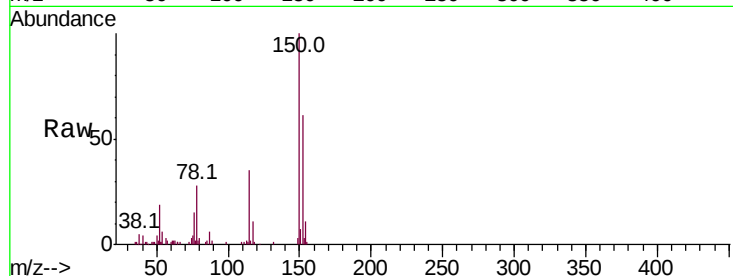


#1

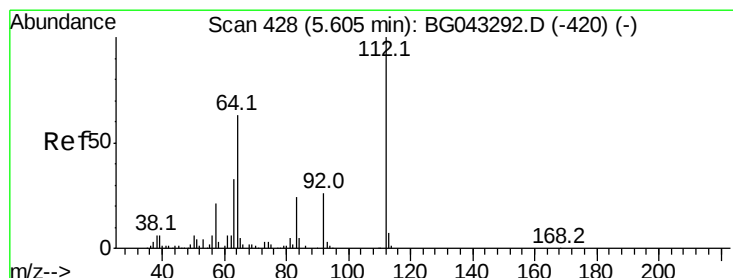
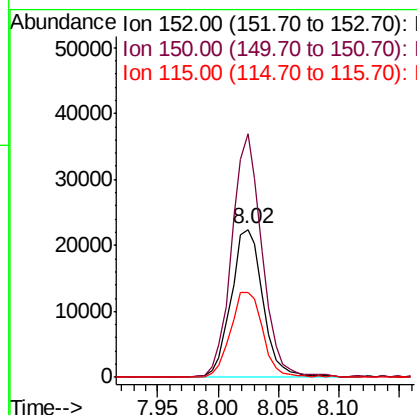
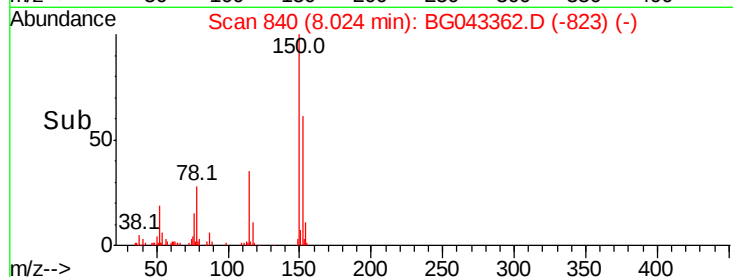
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	113.6	170.4
115	57.4	45.9	68.9



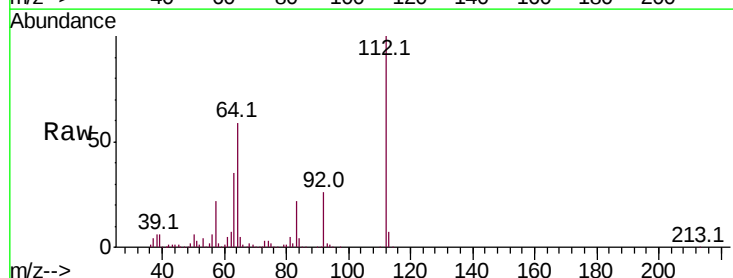
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



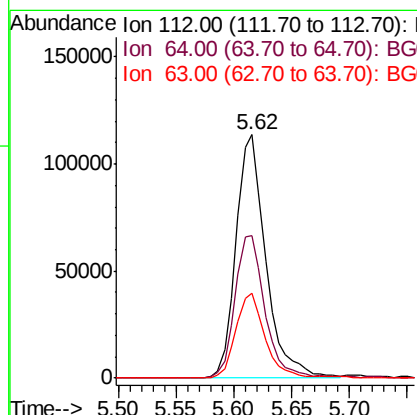
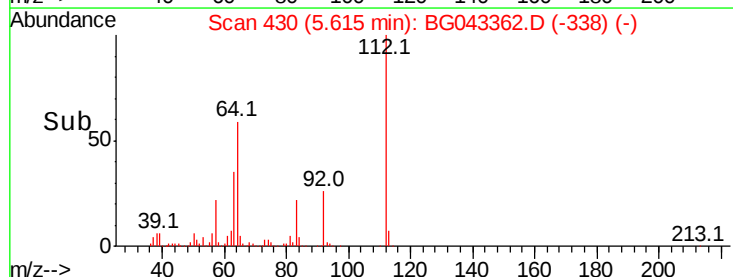
#5

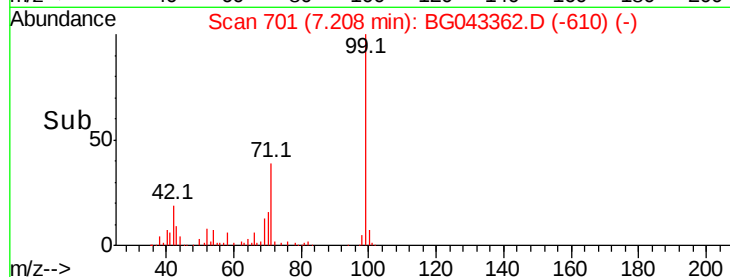
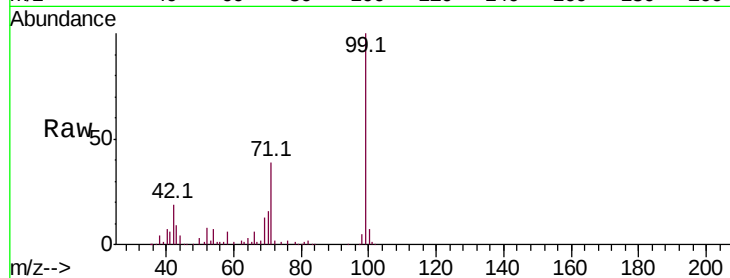
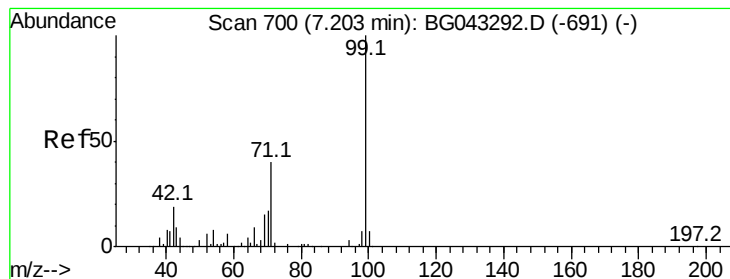
2-Fluorophenol
Concen: 90.649 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	50.2	75.2
63	34.7	26.7	40.1



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: 55.992 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Instrument :

BNA_G

ClientSampleId :

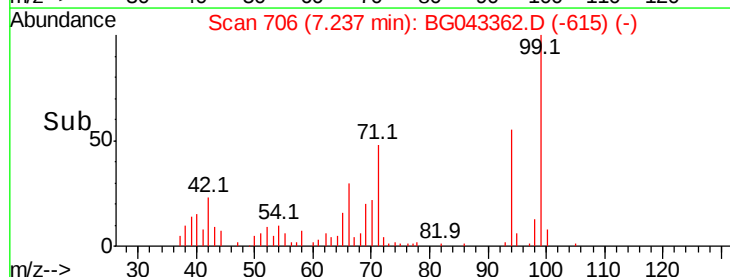
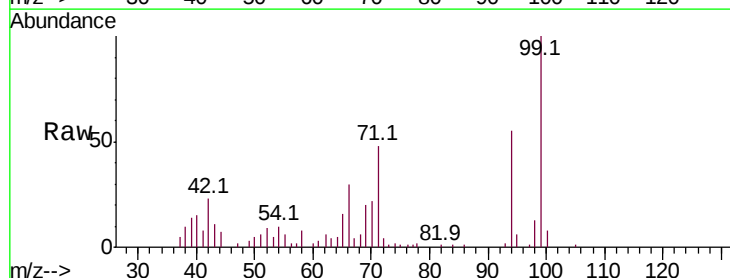
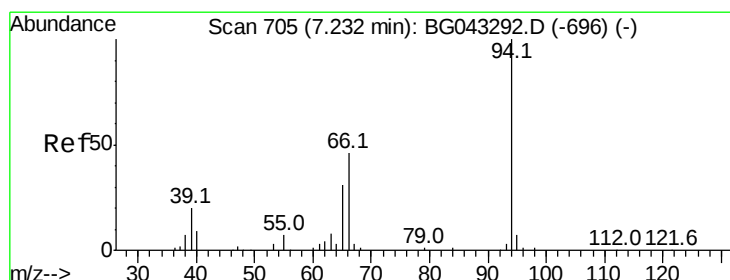
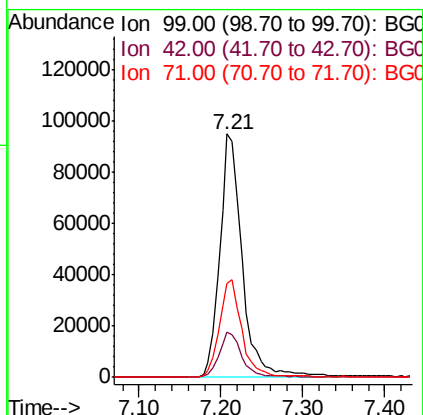
Tot Ion: 99 Resp: 181272

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

71 38.8 32.2 48.2



#10

Phenol

Concen: 4.597 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

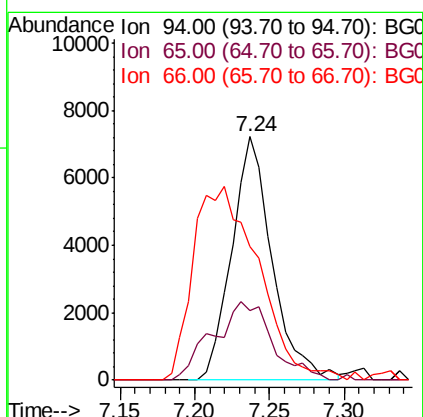
Tgt Ion: 94 Resp: 13600

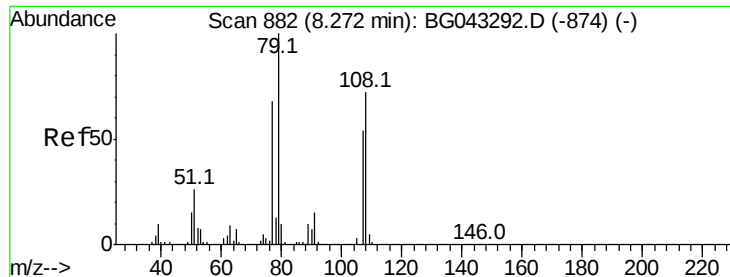
Ion Ratio Lower Upper

94 100

65 28.7 11.1 51.1

66 54.9 27.8 67.8





#15

Benzyl Alcohol

Concen: 2.356 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.08 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Instrument :

BNA_G

ClientSampleId :

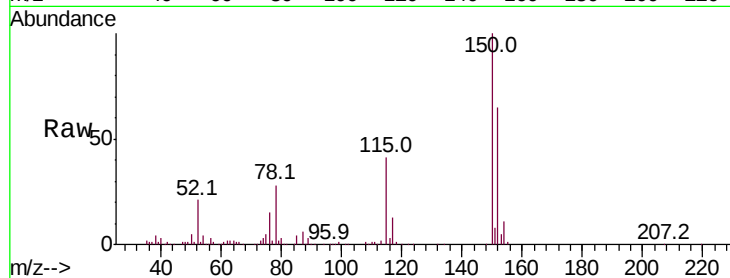
Tot Ion: 79 Resp: 5356

Ion Ratio Lower Upper

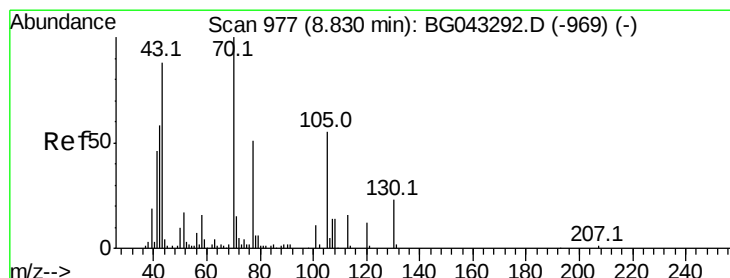
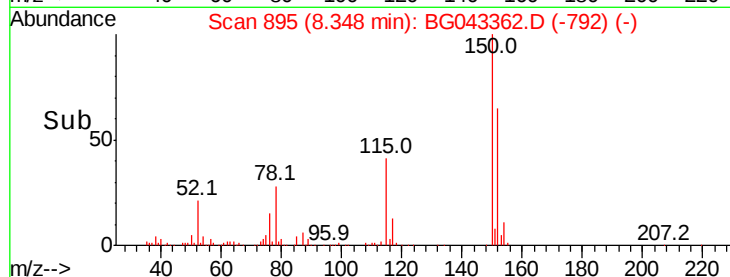
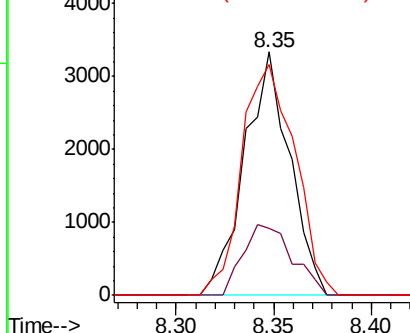
79 100

108 27.4 57.3 85.9#

77 94.5 54.6 81.8#



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: 18.788 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Tgt Ion: 70 Resp: 39304

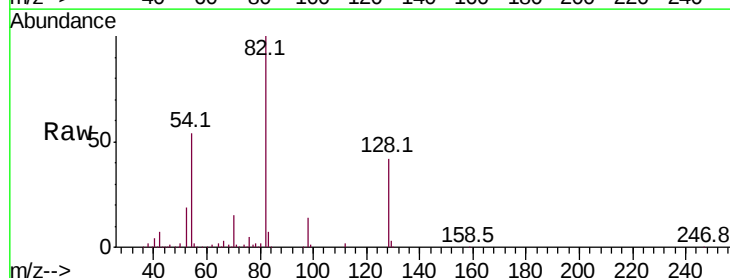
Ion Ratio Lower Upper

70 100

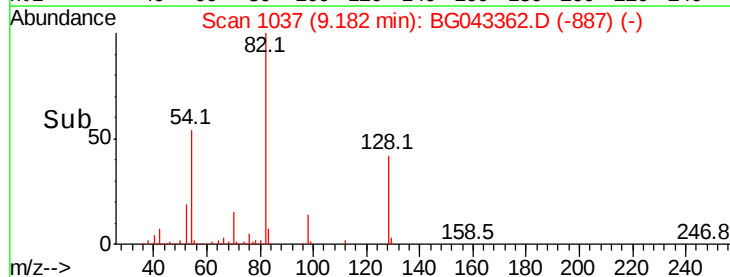
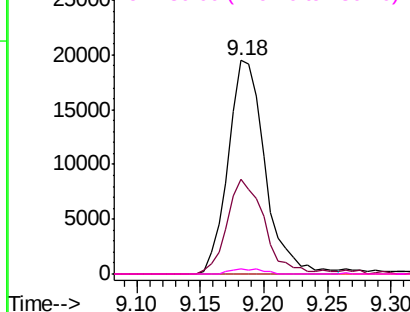
42 44.1 46.2 69.2#

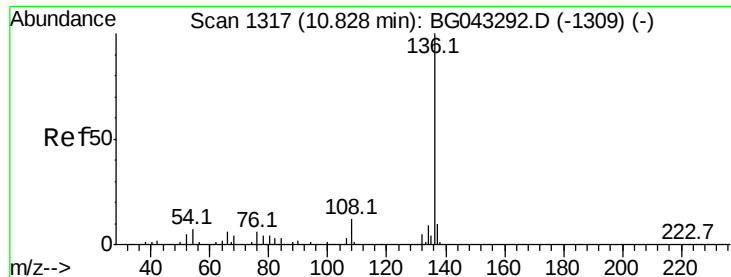
101 0.0 8.6 13.0#

130 2.1 18.6 27.8#



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

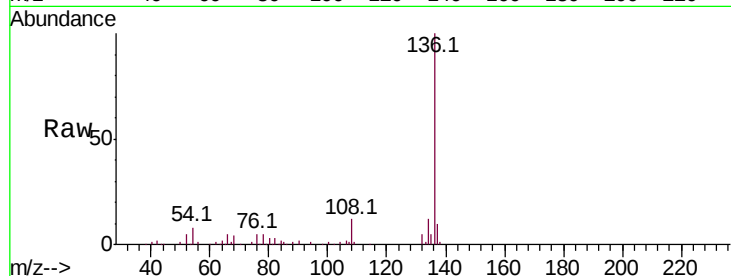




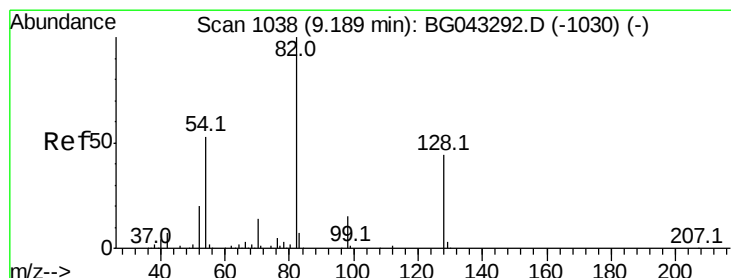
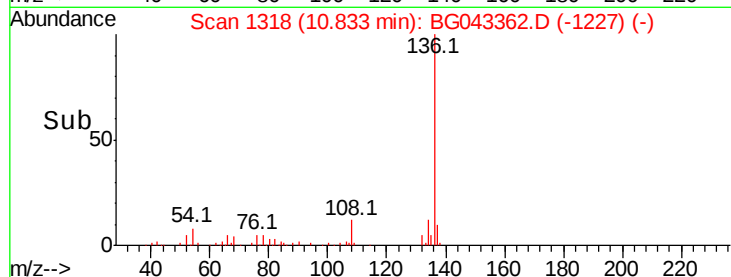
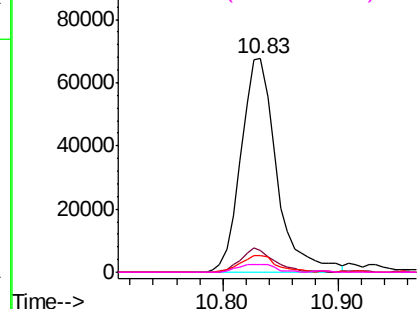
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	144931
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.2	12.2
54 7.5	5.4	8.2
68 3.9	3.3	4.9

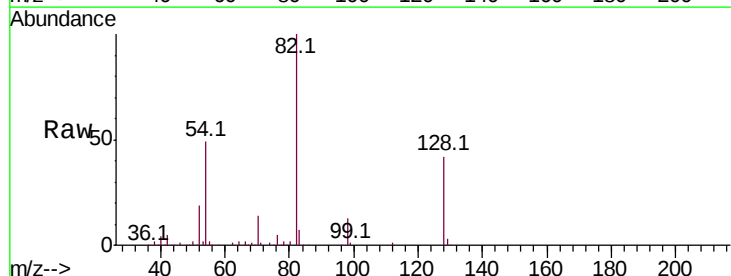


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

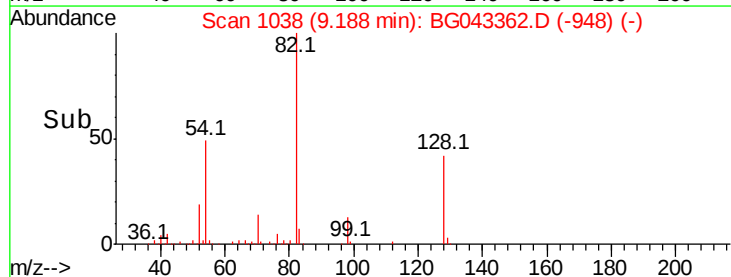
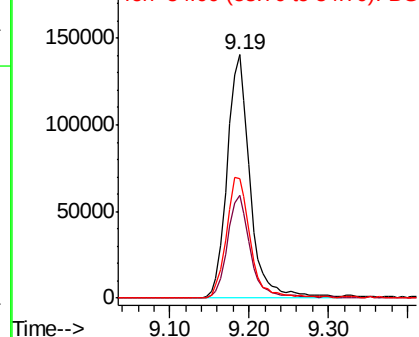


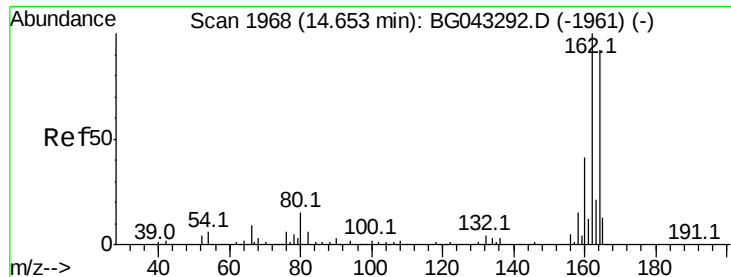
#23
Nitrobenzene-d5
Concen: 100.046 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion	82	Resp: Lower	281252 Upper
	Ratio 100		
128	42.2	35.3	52.9
54	49.0	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# 1967

Delta R.T. -0.01 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Instrument :

BNA_G

ClientSampleId :

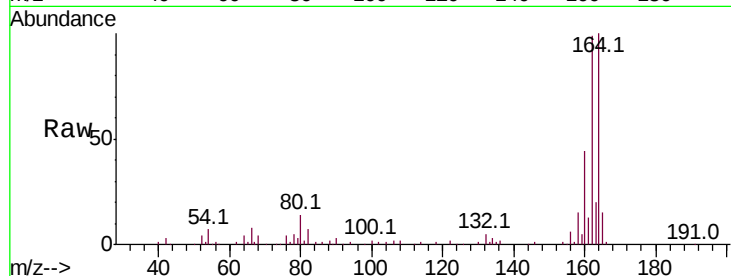
Tot Ion:164 Resp: 117120

Ion Ratio Lower Upper

164 100

162 99.3 87.0 130.4

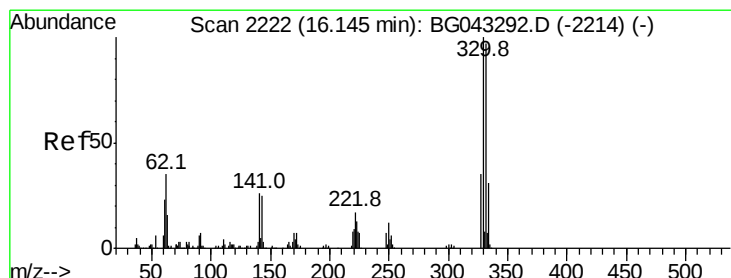
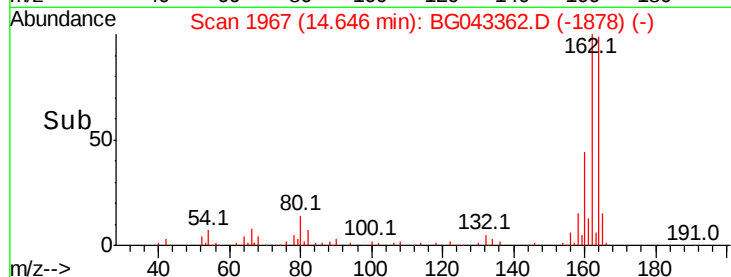
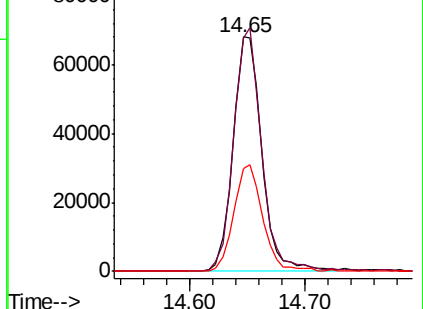
160 43.7 35.5 53.3



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: 137.210 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

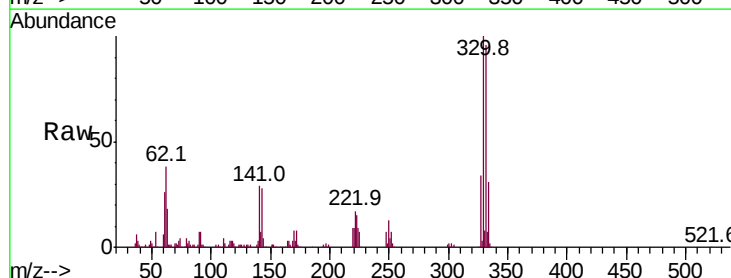
Tgt Ion:330 Resp: 305814

Ion Ratio Lower Upper

330 100

332 97.7 76.4 114.6

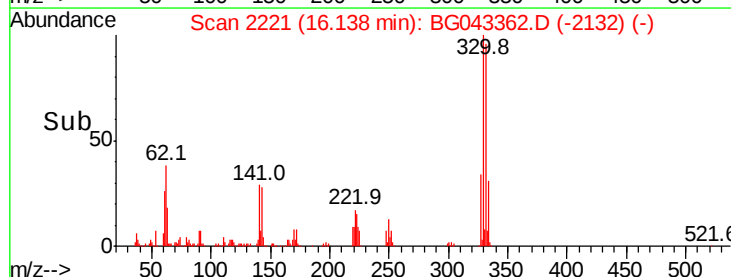
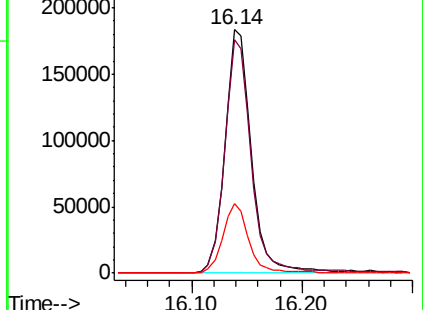
141 28.3 21.4 32.0

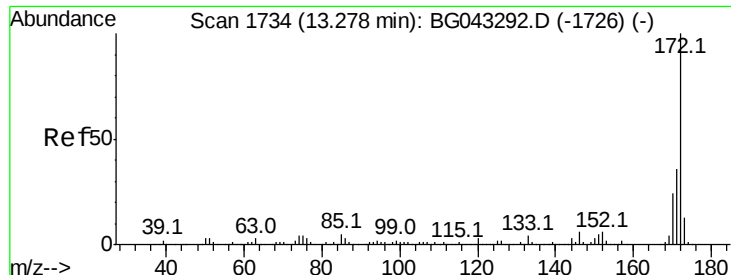


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



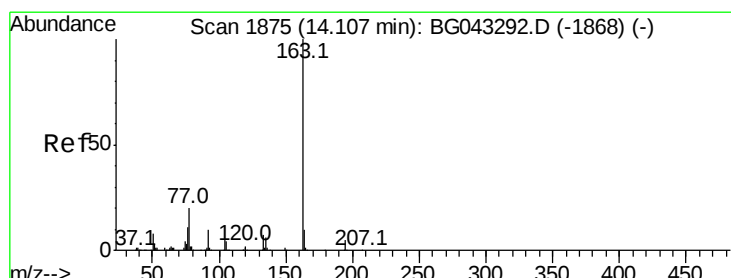
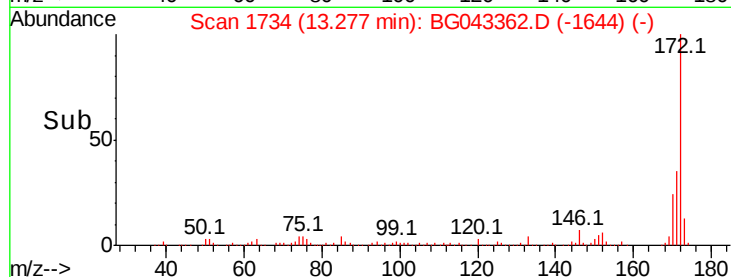
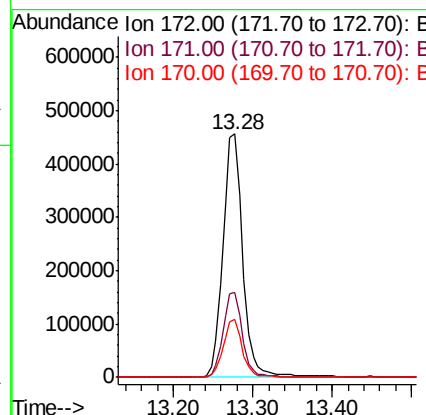
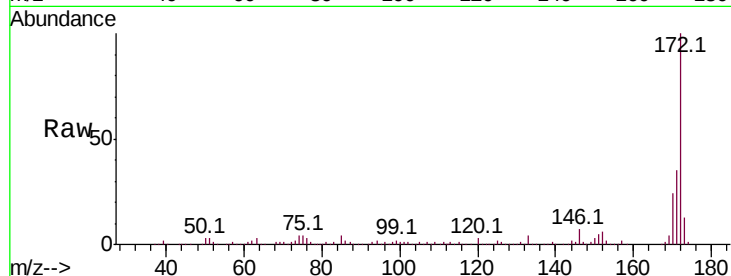


#45
 2-Fluorobiphenyl
 Concen: 93.274 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043362.D
 Acq: 28 Oct 2019 22:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 790583

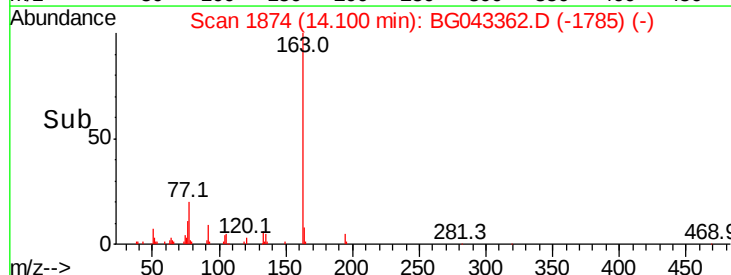
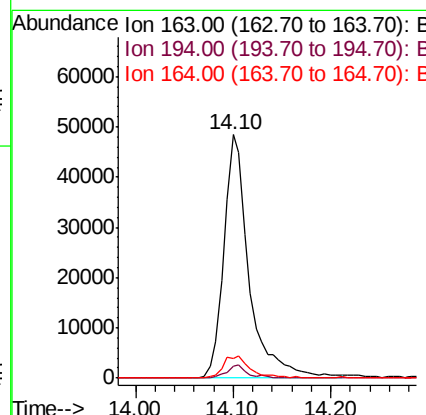
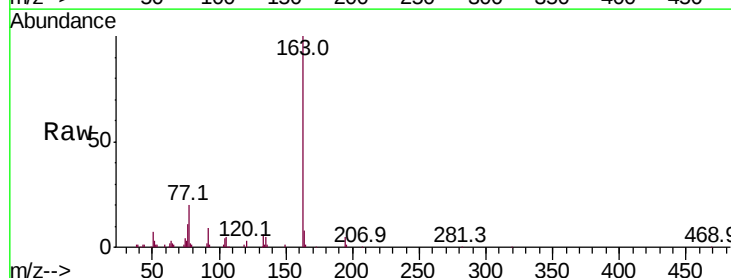
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.8	18.8	28.2

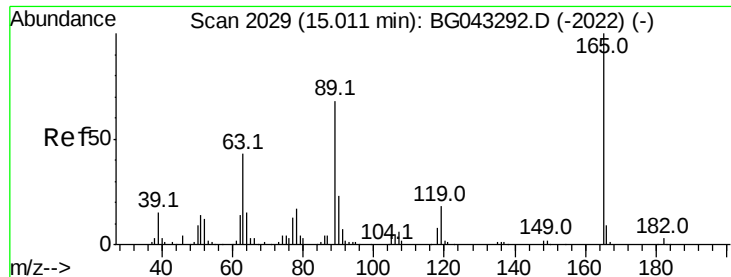


#50
 Dimethylphthalate
 Concen: 9.621 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG043362.D
 Acq: 28 Oct 2019 22:47

Tgt Ion:163 Resp: 87279

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	8.3	8.1	12.1

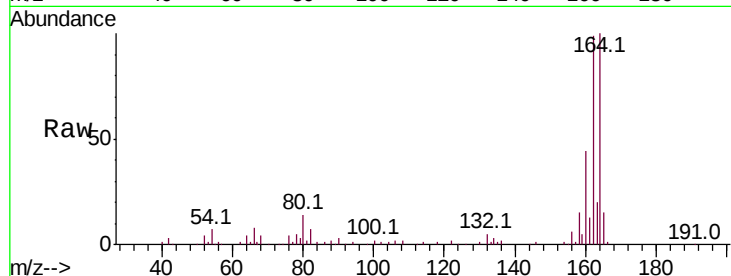




#57
 2,4-Dinitrotoluene
 Concen: 5.611 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.37 min
 Lab File: BG043362.D
 Acq: 28 Oct 2019 22:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	2.1	54.1	81.1#
182	0.0	2.2	3.2#

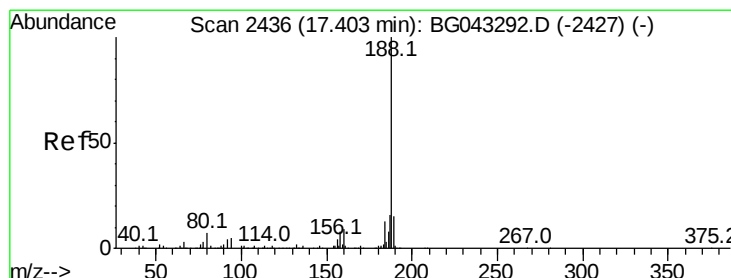
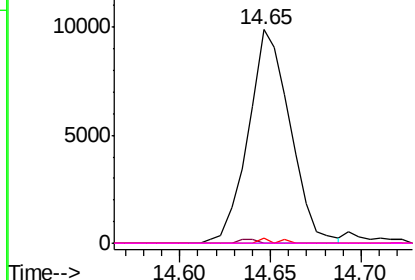
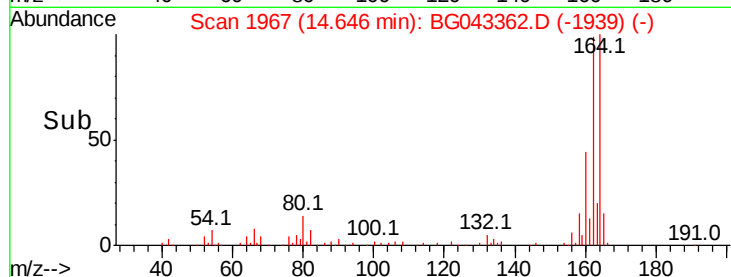


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

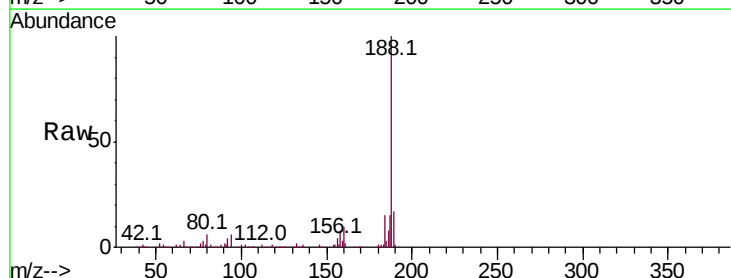
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG043362.D
 Acq: 28 Oct 2019 22:47

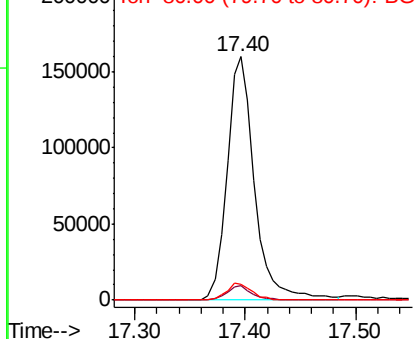
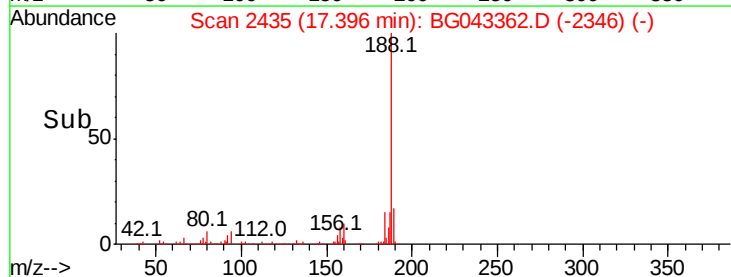
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	6.3	5.2	7.8

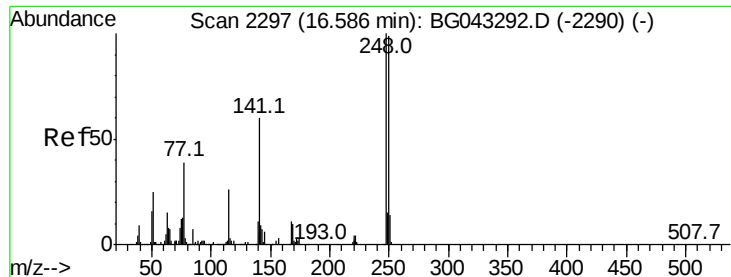


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

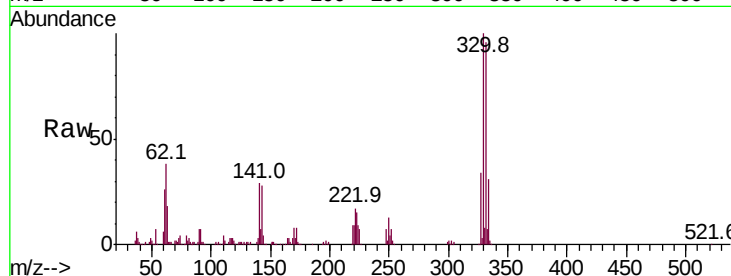




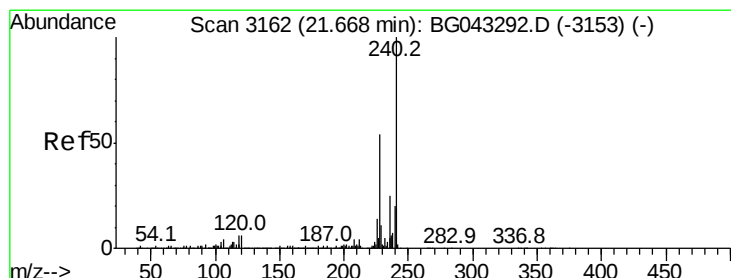
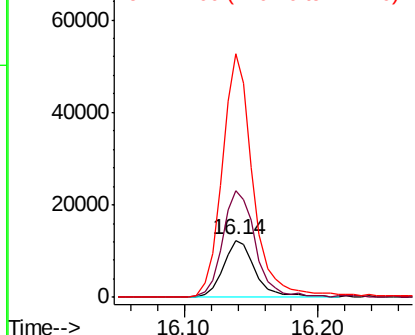
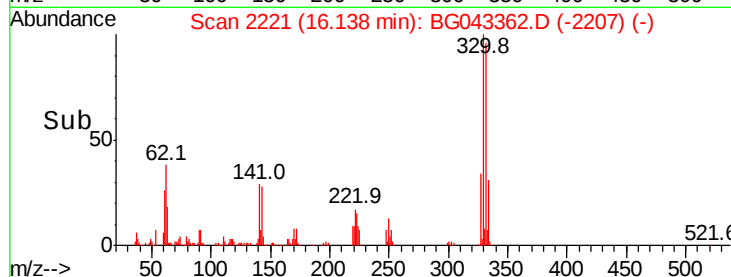
#67
 4-Bromophenyl-phenylether
 Concen: 5.526 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG043362.D
 Acq: 28 Oct 2019 22:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 20688
 Ion Ratio Lower Upper
 248 100
 250 186.6 79.3 118.9#
 141 426.2 47.9 71.9#

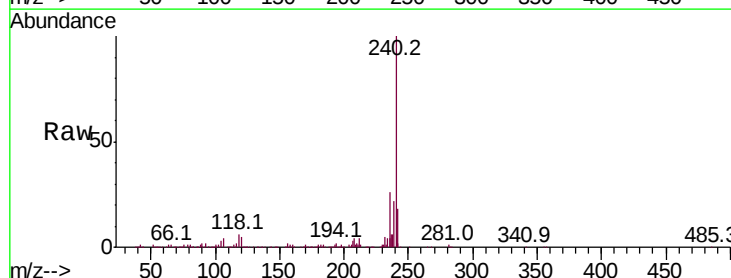


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

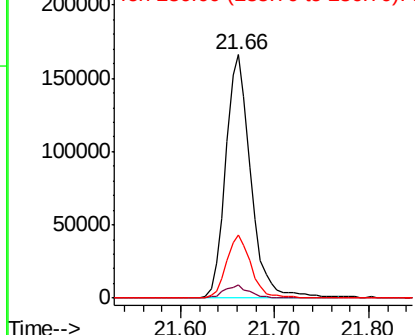
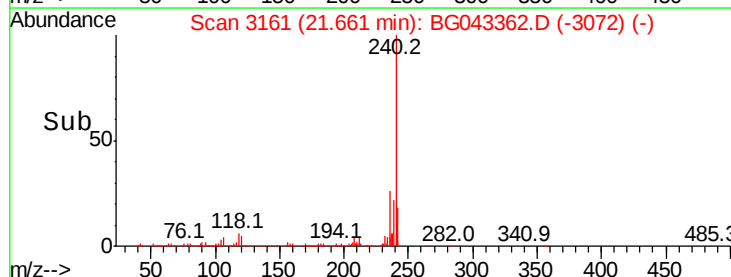


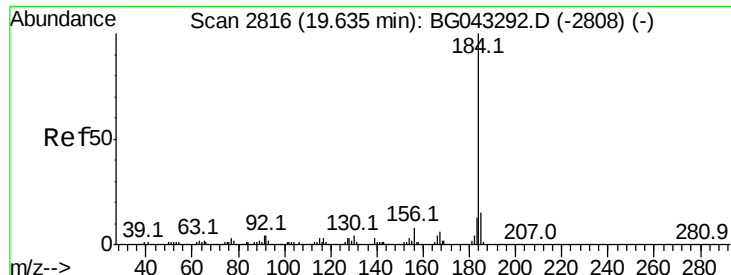
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG043362.D
 Acq: 28 Oct 2019 22:47

Tgt Ion:240 Resp: 308453
 Ion Ratio Lower Upper
 240 100
 120 5.3 4.6 7.0
 236 25.7 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

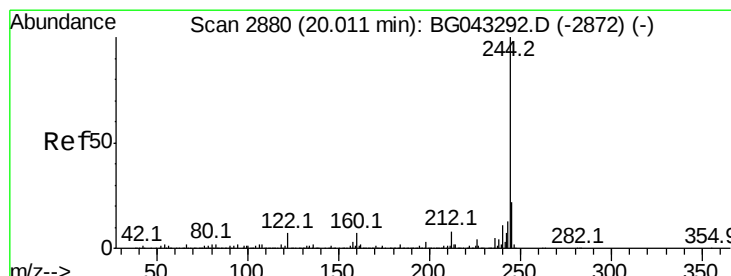
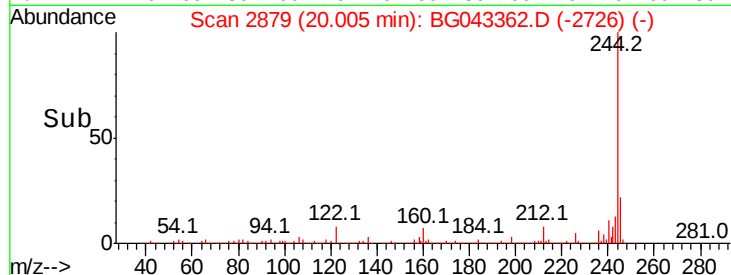
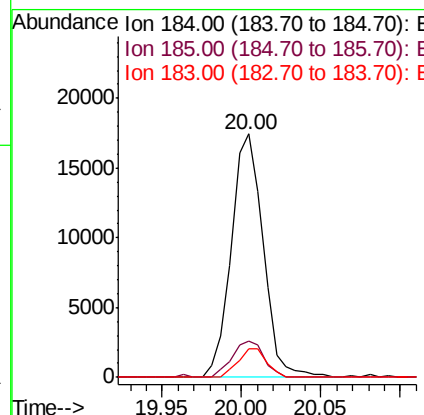
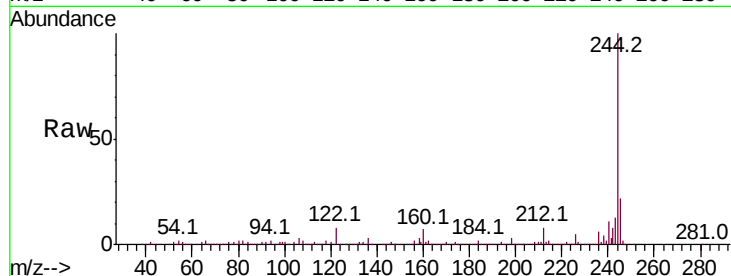




#77
Benzidine
Concen: 3.900 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

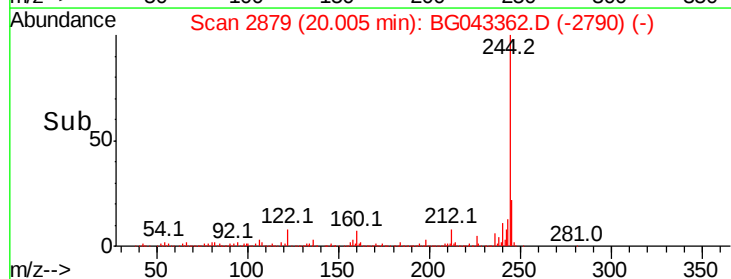
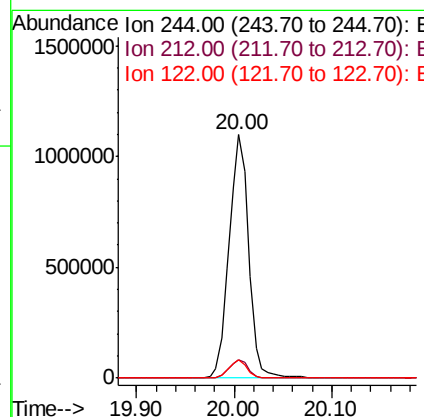
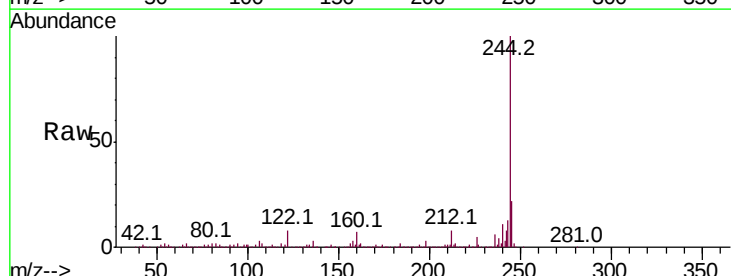
Instrument :
BNA_G
ClientSampleId :

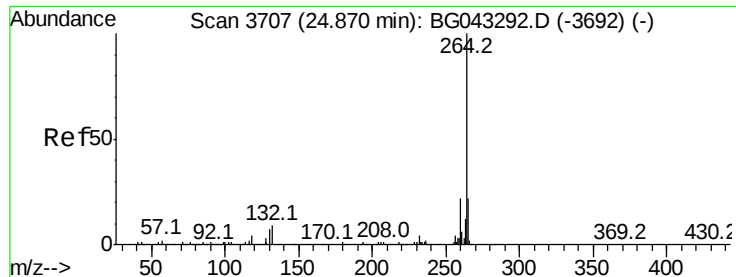
Tot Ion:184 Resp: 24209
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.9 10.6 16.0



#79
Terphenyl-d14
Concen: 93.450 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion:244 Resp: 1536467
Ion Ratio Lower Upper
244 100
212 7.6 6.4 9.6
122 7.6 5.3 7.9

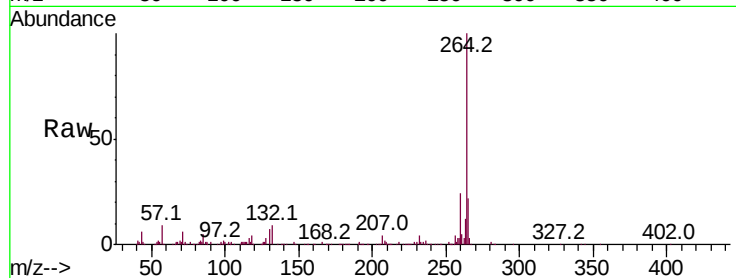




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043362.D
 Acq: 28 Oct 2019 22:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.9	26.9
265	22.0	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 150000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

