

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043375.D
 Acq On : 29 Oct 2019 15:44
 Operator : JU
 Sample : PB124300BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:21:42 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

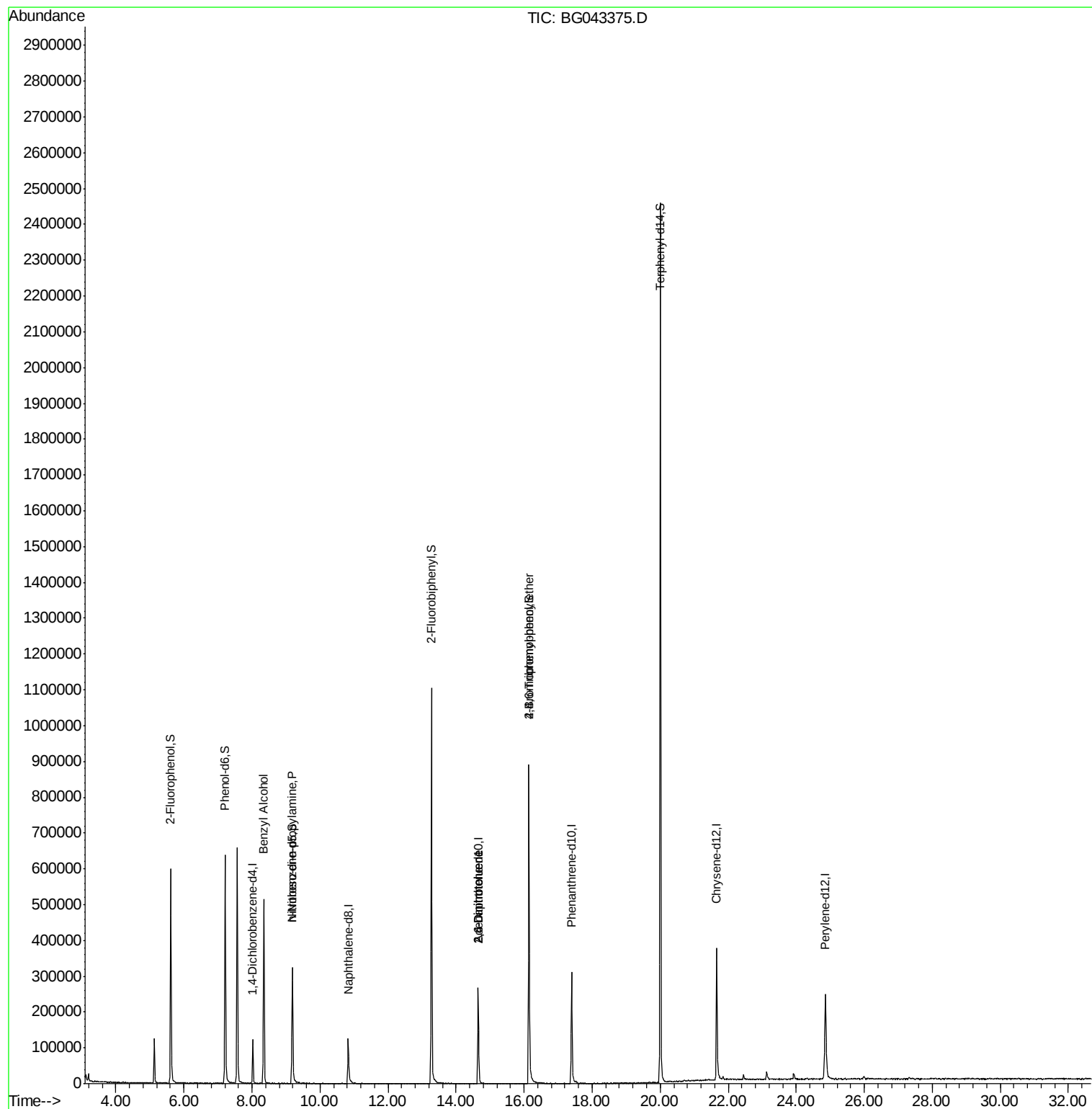
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37318	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	136964	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	106627	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	244408	20.00	ng	0.00
76) Chrysene-d12	21.66	240	281233	20.00	ng	0.00
87) Perylene-d12	24.86	264	318371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	279635	137.31	ng	0.00
7) Phenol-d6	7.21	99	394777	134.73	ng	0.00
23) Nitrobenzene-d5	9.19	82	233834	88.02	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	242756	119.64	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	679111	88.01	ng	0.00
79) Terphenyl-d14	20.00	244	1354068	90.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	4414	2.145	ng	# 60
19) n-Nitroso-di-n-propylamine	9.19	70	33011	17.435	ng	# 73
51) 2,6-Dinitrotoluene	14.65	165	14282	7.960	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	14282	5.570	ng	# 25
67) 4-Bromophenyl-phenylether	16.14	248	15012	4.564	ng	# 1

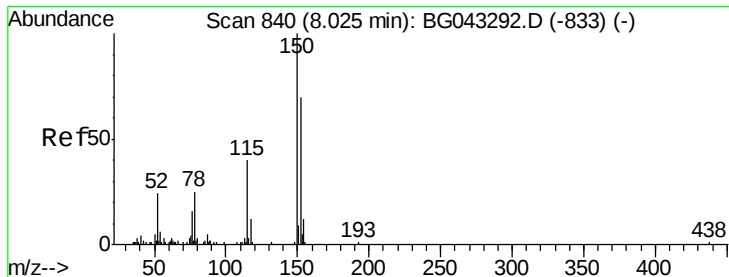
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_G
ClientSampleId :

Quant Time: Oct 30 06:21:42 2019
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Response via : Initial Calibration



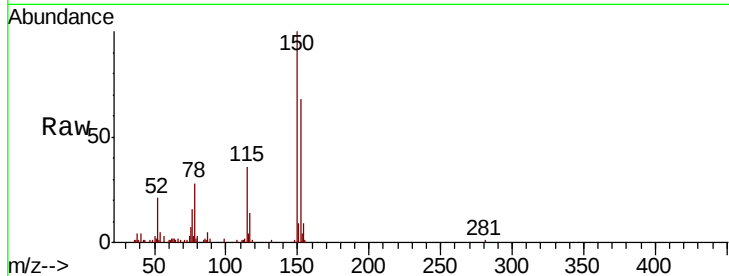


#1

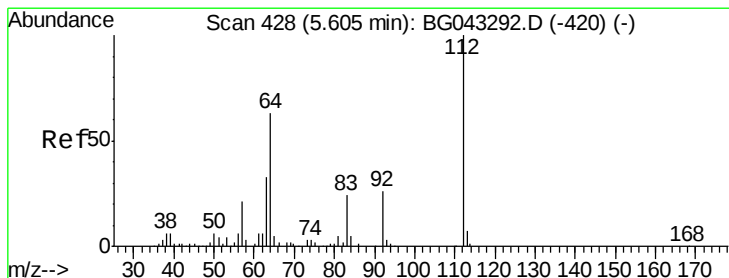
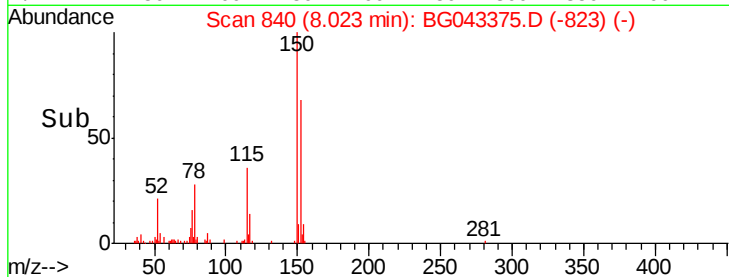
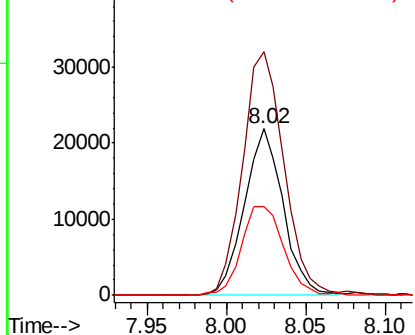
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043375.D
Acq: 29 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	113.6	170.4
115	53.0	45.9	68.9



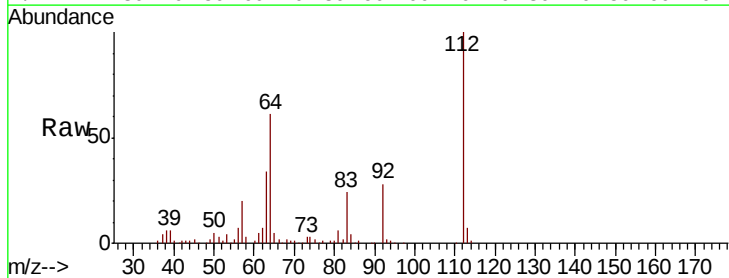
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



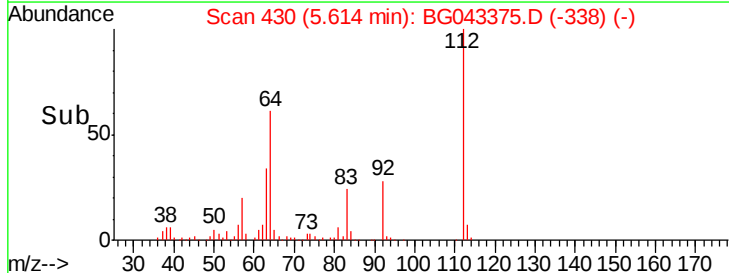
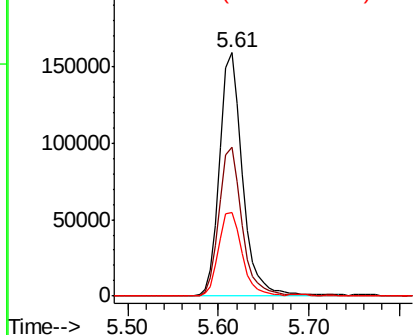
#5

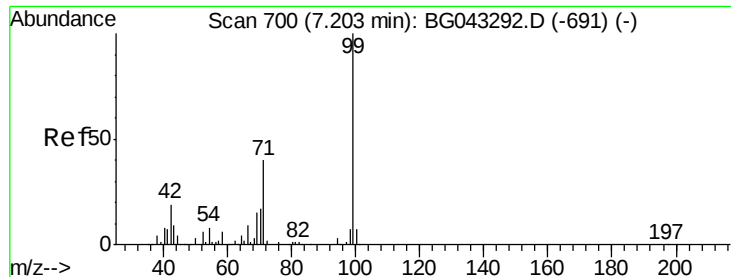
2-Fluorophenol
Concen: 137.311 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043375.D
Acq: 29 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.2
63	34.4	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: 134.733 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

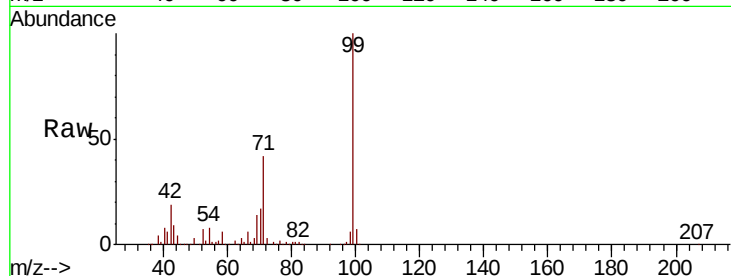
Tot Ion: 99 Resp: 394777

Ion Ratio Lower Upper

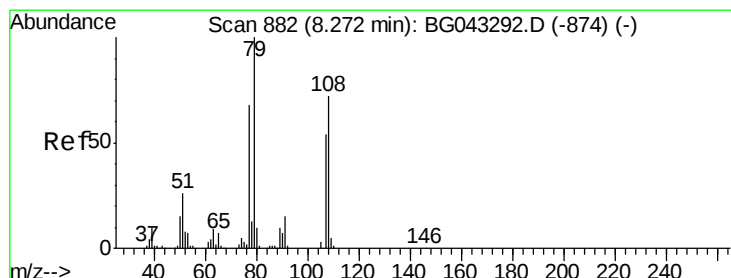
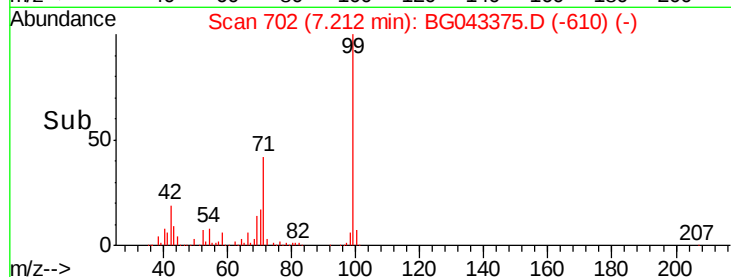
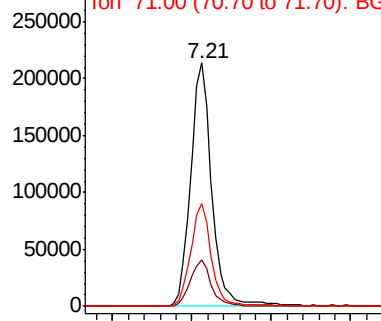
99 100

42 19.1 14.9 22.3

71 42.2 32.2 48.2



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: 2.145 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

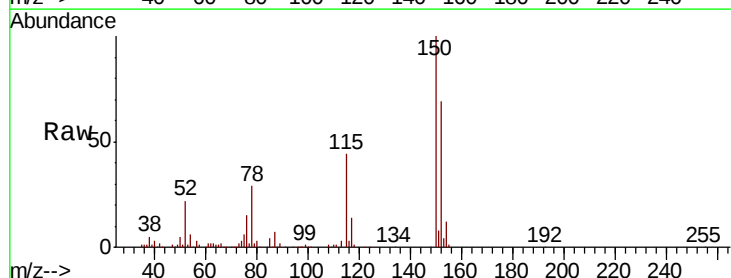
Tgt Ion: 79 Resp: 4414

Ion Ratio Lower Upper

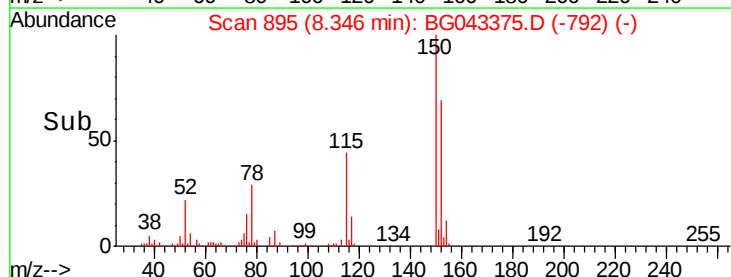
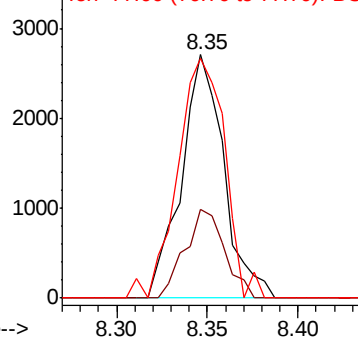
79 100

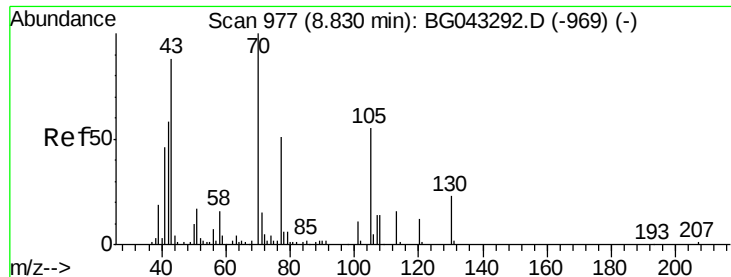
108 36.4 57.3 85.9#

77 98.7 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

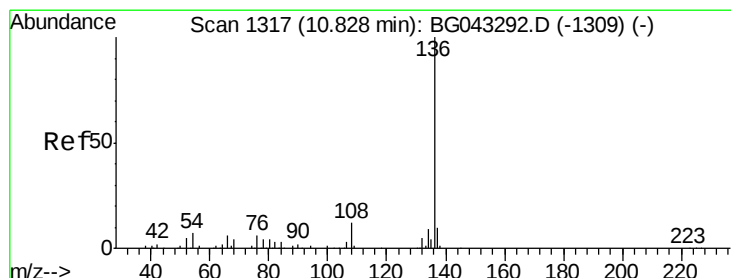
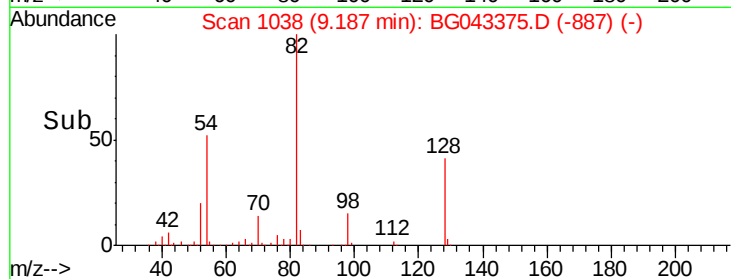
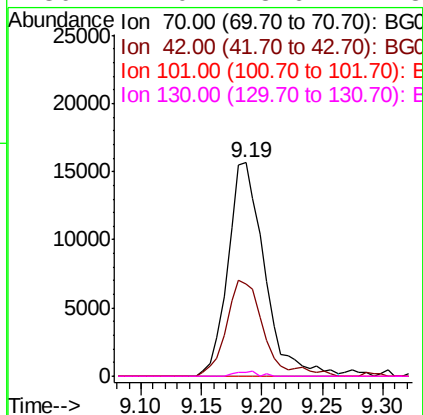
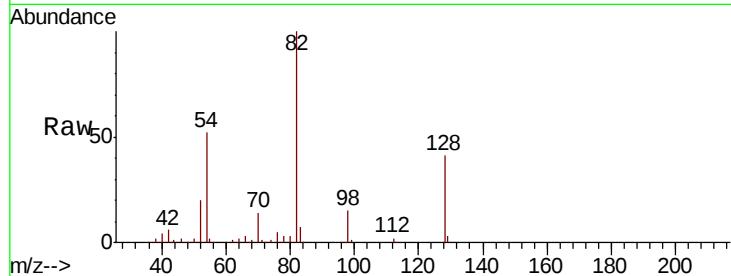




#19
n-Nitroso-di-n-propylamine
Concen: 17.435 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043375.D
Acq: 29 Oct 2019 15:44

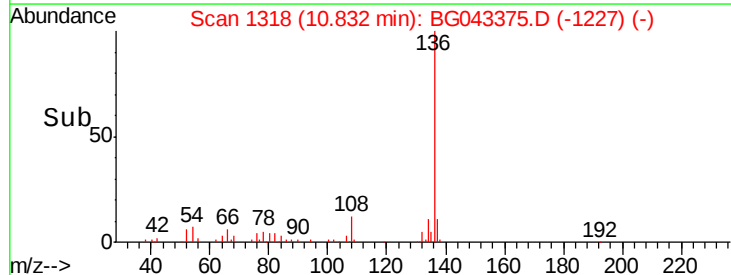
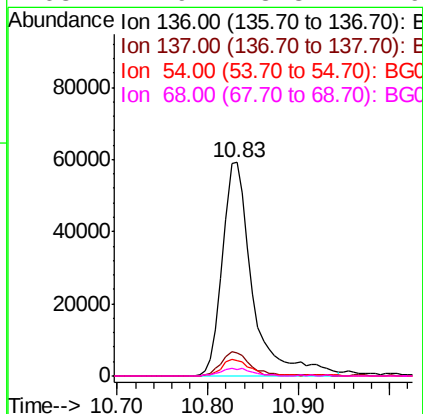
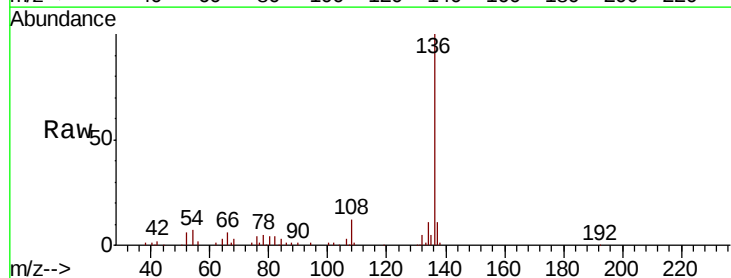
Instrument :
BNA_G
ClientSampled :

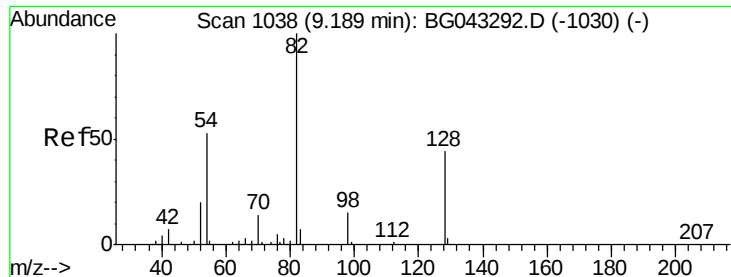
Tot Ion: 70 Resp: 33011
Ion Ratio Lower Upper
70 100
42 43.1 46.2 69.2#
101 0.0 8.6 13.0#
130 2.0 18.6 27.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043375.D
Acq: 29 Oct 2019 15:44

Tgt Ion:136 Resp: 136964
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.2 5.4 8.2
68 2.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 88.017 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

Instrument :

BNA_G

ClientSampled :

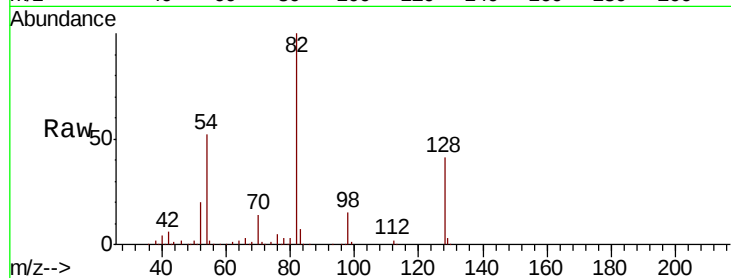
Tot Ion: 82 Resp: 233834

Ion Ratio Lower Upper

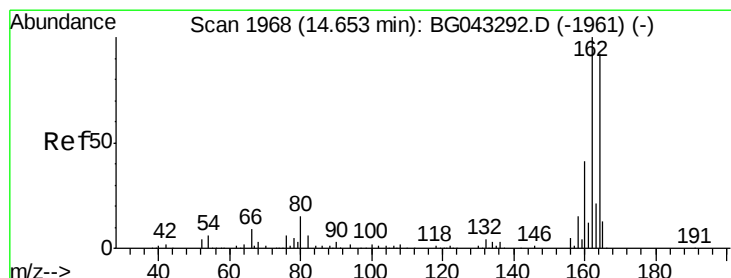
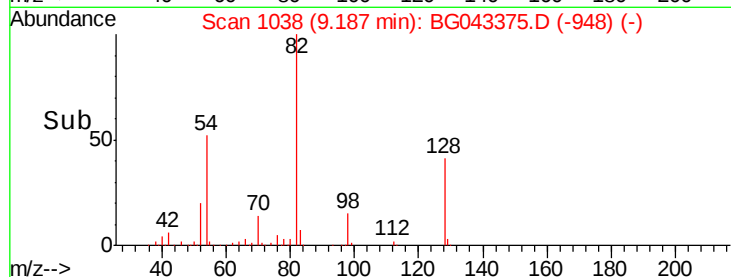
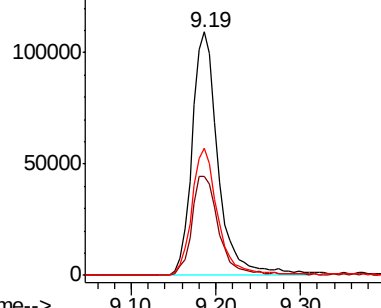
82 100

128 40.8 35.3 52.9

54 52.2 42.3 63.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG043375.D

Acq: 29 Oct 2019 15:44

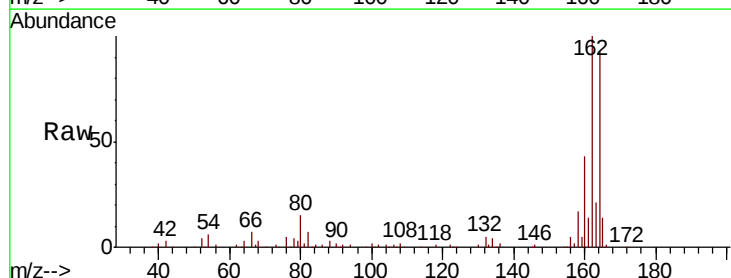
Tgt Ion: 164 Resp: 106627

Ion Ratio Lower Upper

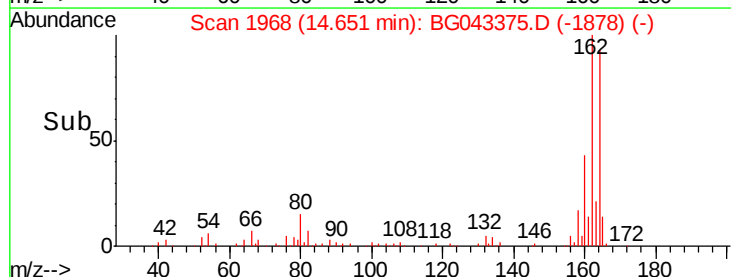
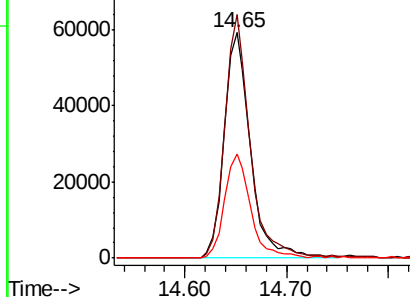
164 100

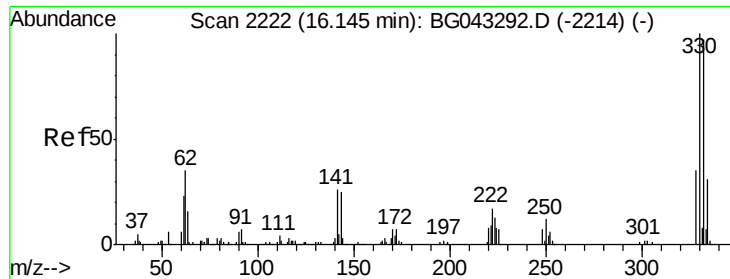
162 108.1 87.0 130.4

160 46.3 35.5 53.3



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

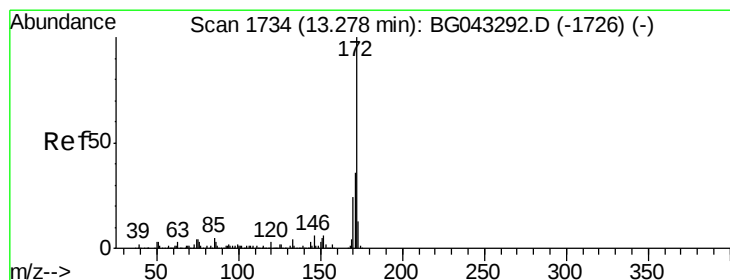
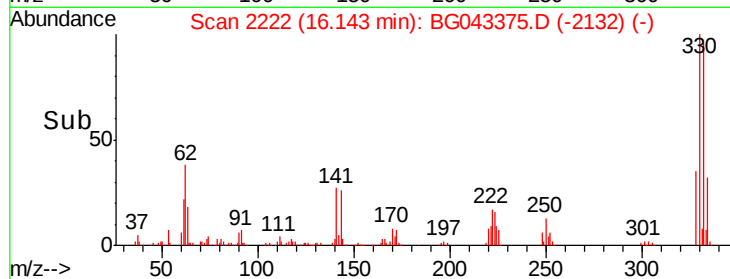
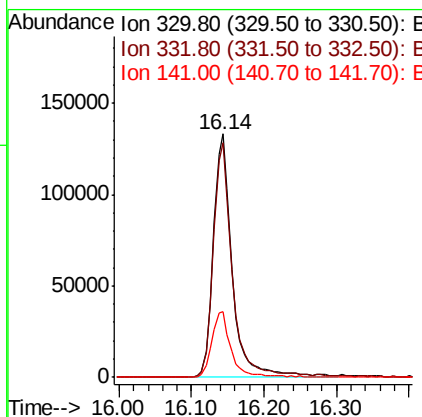
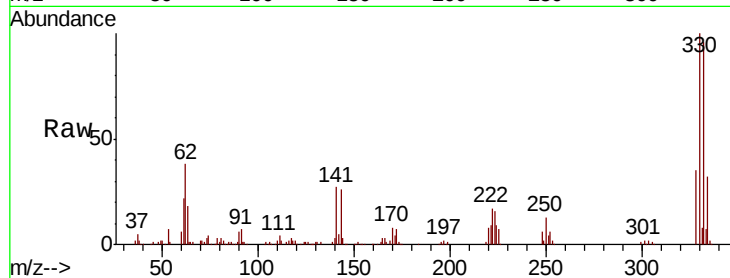




#42
 2,4,6-Tribromophenol
 Concen: 119.636 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043375.D
 Acq: 29 Oct 2019 15:44

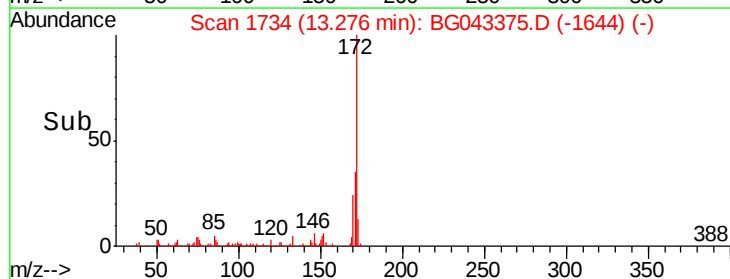
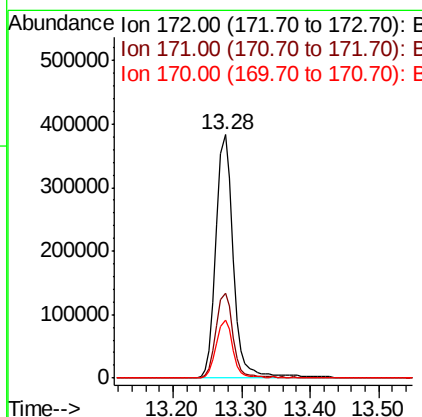
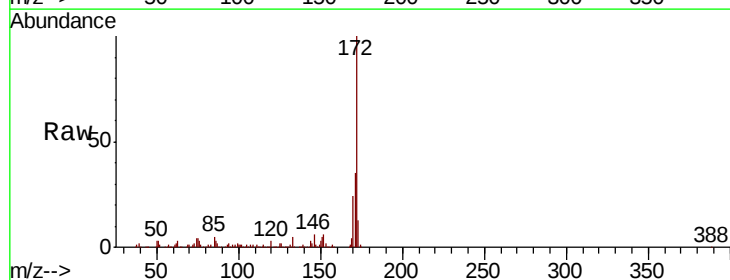
Instrument :
 BNA_G
 ClientSampleId :

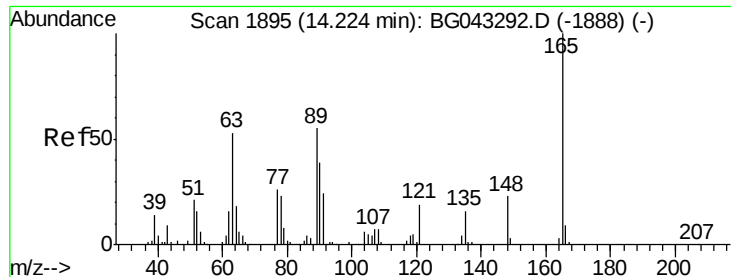
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.4	114.6
141	27.0	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 88.008 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043375.D
 Acq: 29 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.0	18.8	28.2

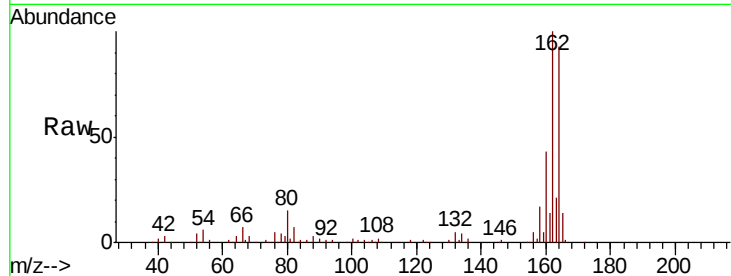




#51
 2,6-Dinitrotoluene
 Concen: 7.960 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.43 min
 Lab File: BG043375.D
 Acq: 29 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	47.1	70.7#
89	0.0	43.7	65.5#

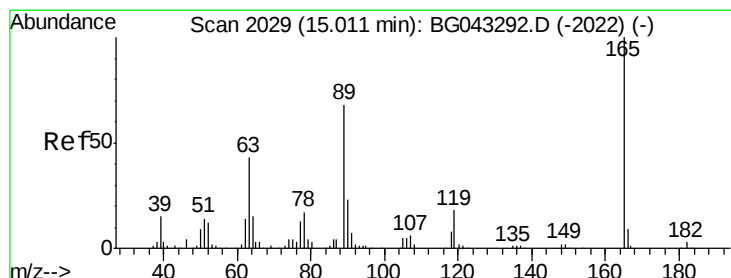
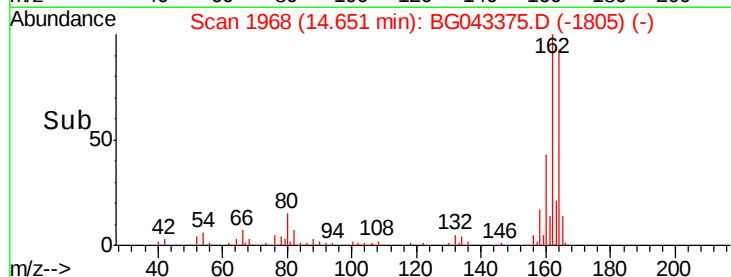
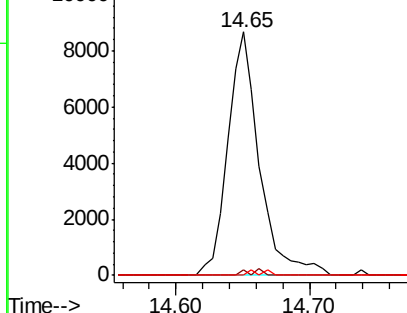


Abundance

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



#57
 2,4-Dinitrotoluene
 Concen: 5.570 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG043375.D
 Acq: 29 Oct 2019 15:44

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

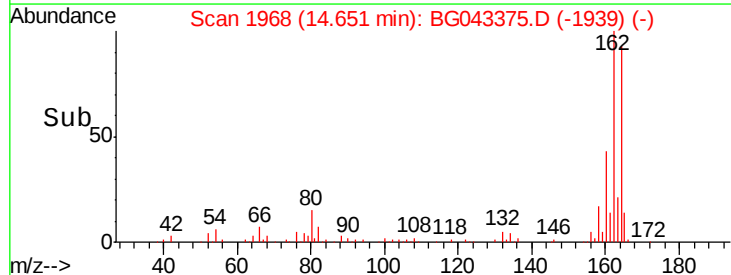
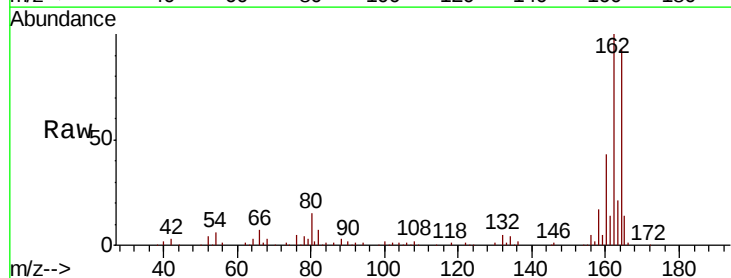
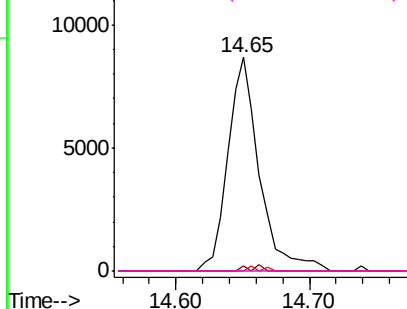
Abundance

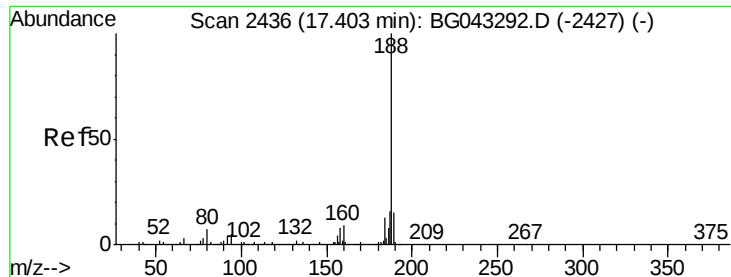
Ion 165.00 (164.70 to 165.70): E

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: BG043375.D

Acq: 29 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

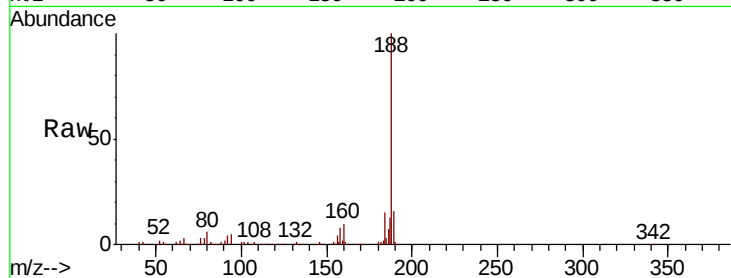
Tot Ion:188 Resp: 244408

Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

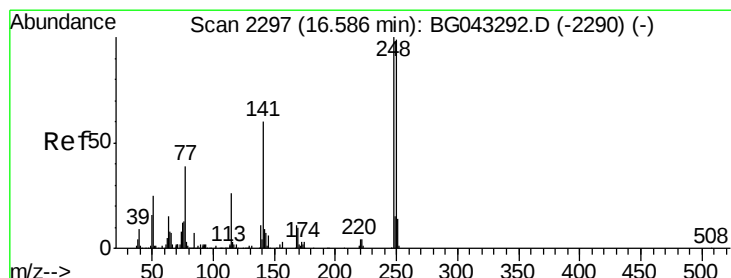
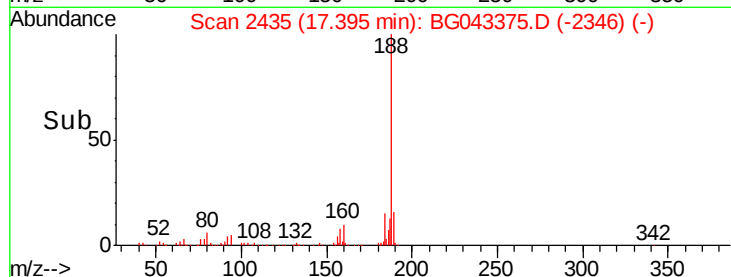
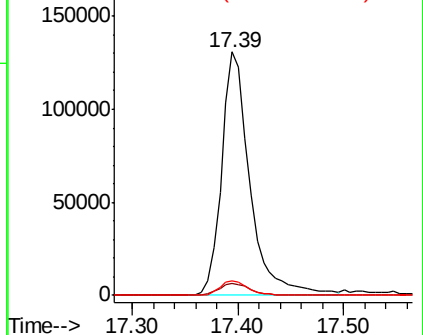
80 6.0 5.2 7.8



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: 4.564 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.44 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

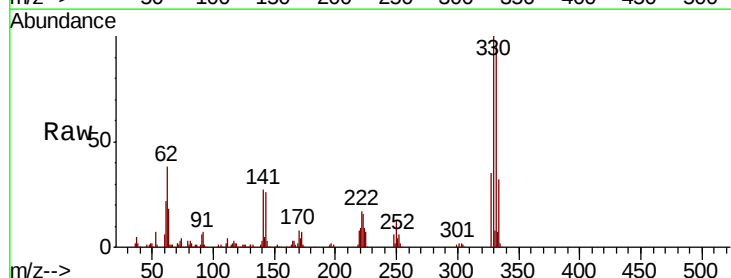
Tgt Ion:248 Resp: 15012

Ion Ratio Lower Upper

248 100

250 205.0 79.3 118.9#

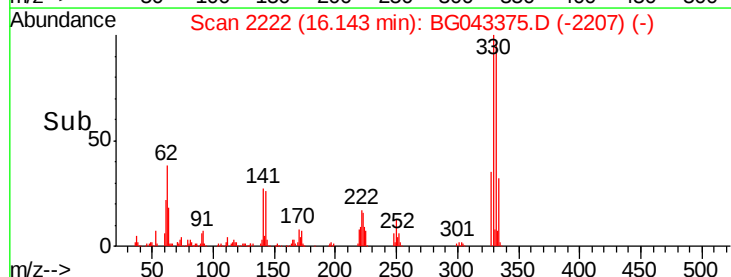
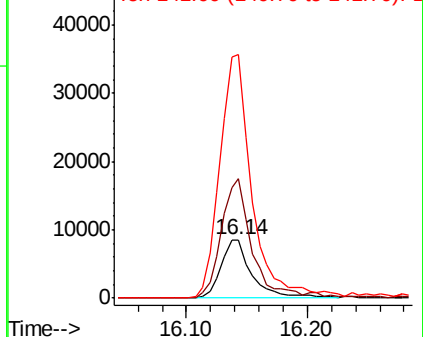
141 419.5 47.9 71.9#

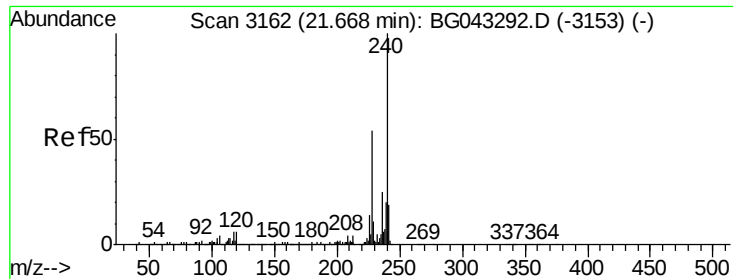


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG043375.D

Acq: 29 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

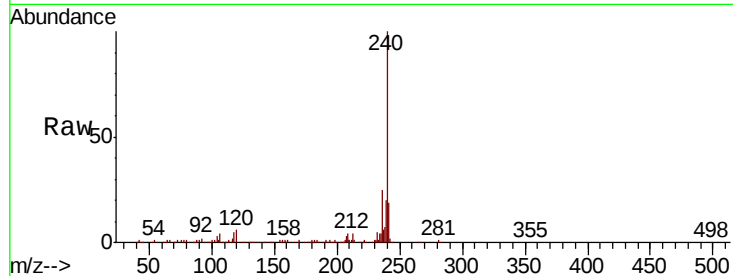
Tot Ion:240 Resp: 281233

Ion Ratio Lower Upper

240 100

120 5.6 4.6 7.0

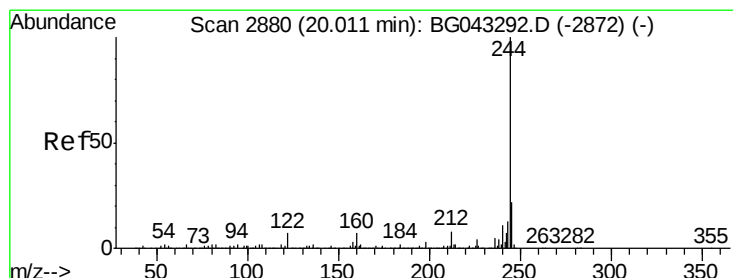
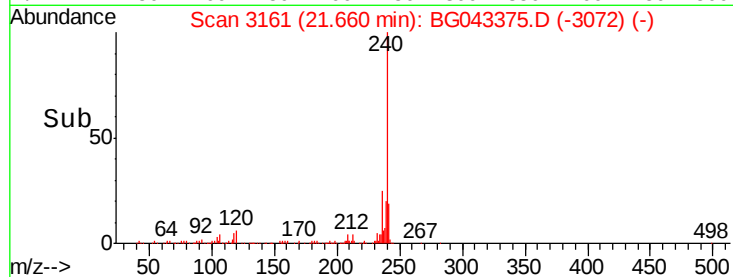
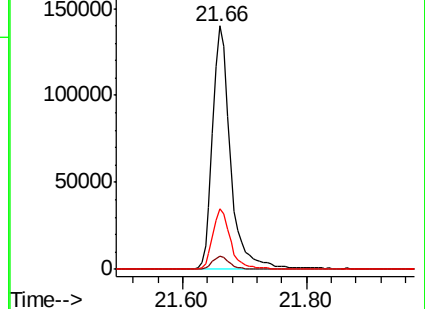
236 24.8 20.2 30.4



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



#79

Terphenyl-d14

Concen: 90.328 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

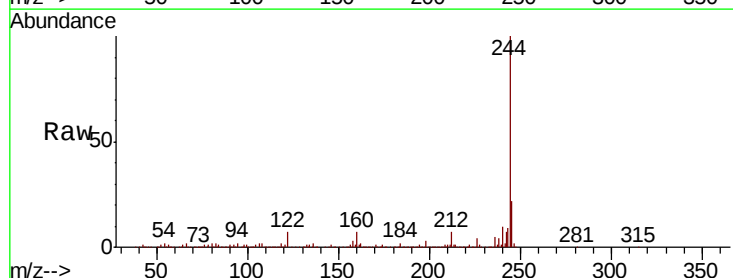
Tgt Ion:244 Resp: 1354068

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

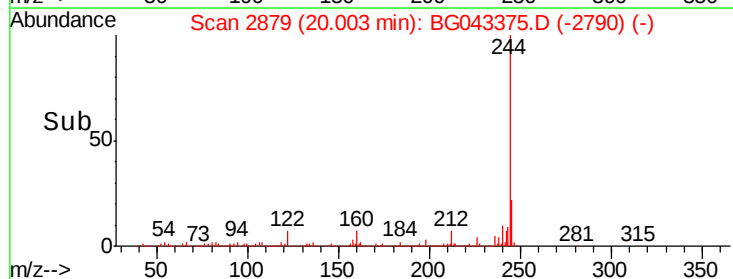
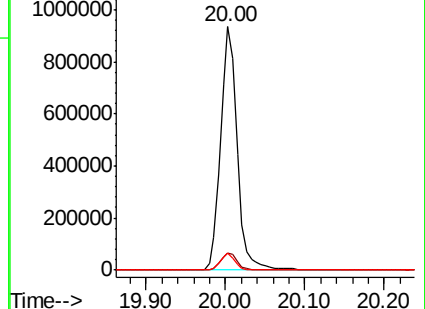
122 7.1 5.3 7.9

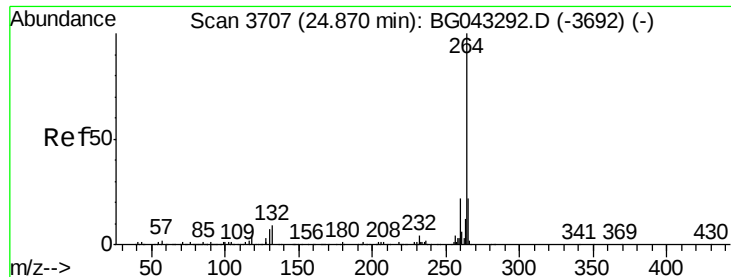


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG043375.D
 Acq: 29 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.6	17.4	26.2

