

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043377.D
 Acq On : 29 Oct 2019 17:02
 Operator : JU
 Sample : K5545-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:22:13 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

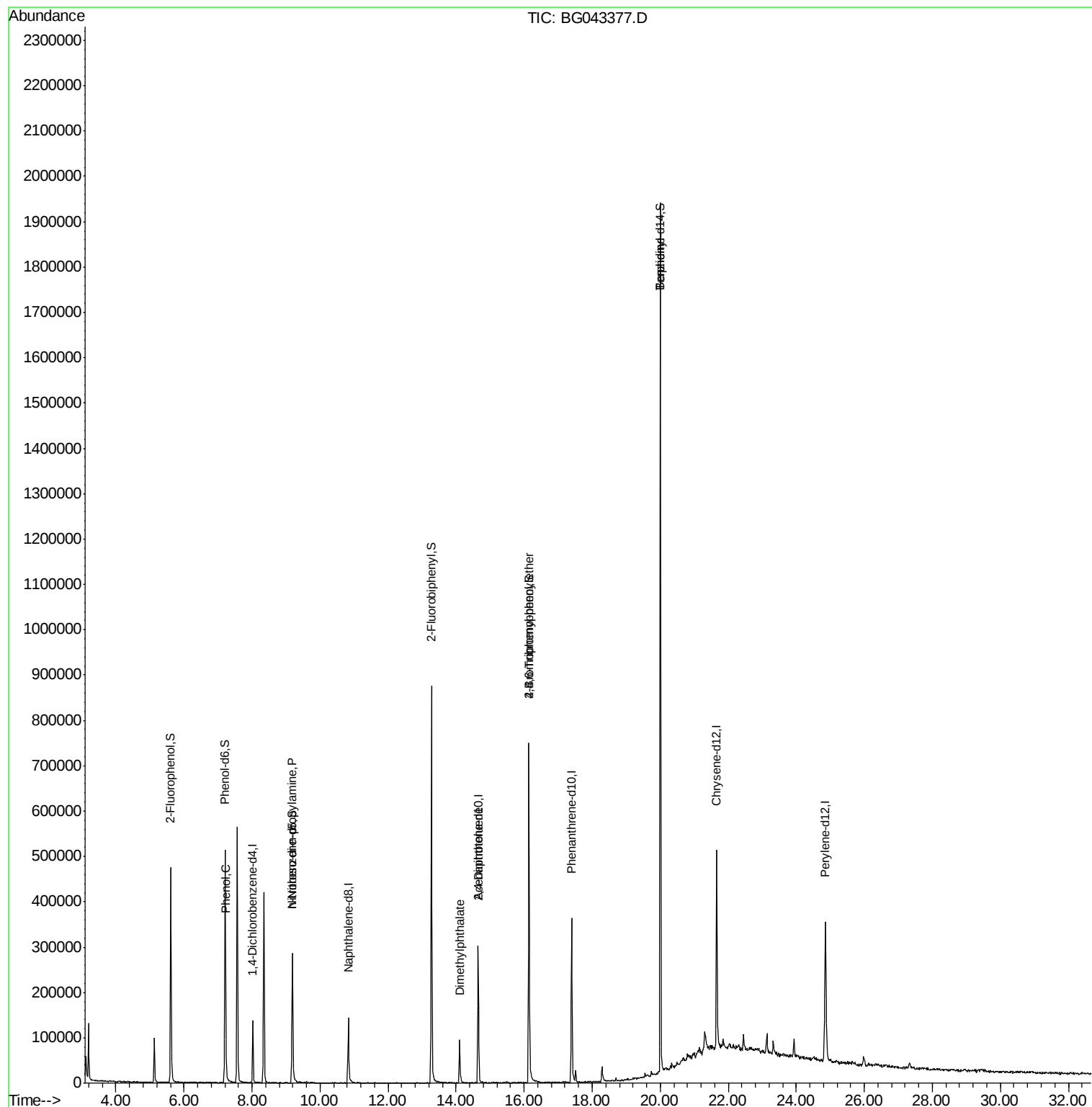
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40926	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	156539	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117279	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	267983	20.00	ng	0.00
76) Chrysene-d12	21.66	240	296416	20.00	ng	0.00
87) Perylene-d12	24.86	264	356237	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	226923	101.60	ng	0.00
7) Phenol-d6	7.21	99	332785	103.56	ng	0.00
23) Nitrobenzene-d5	9.19	82	199885	65.83	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	199225	89.27	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	522698	61.59	ng	0.00
79) Terphenyl-d14	20.00	244	1006098	63.68	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8392	2.858	ng	# 41
19) n-Nitroso-di-n-propylamine	9.19	70	26849	12.931	ng	# 79
50) Dimethylphthalate	14.10	163	83908	9.237	ng	# 98
57) 2,4-Dinitrotoluene	14.65	165	16367	5.803	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	12948	3.590	ng	# 1
77) Benzidine	20.00	184	14220	2.384	ng	# 88

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

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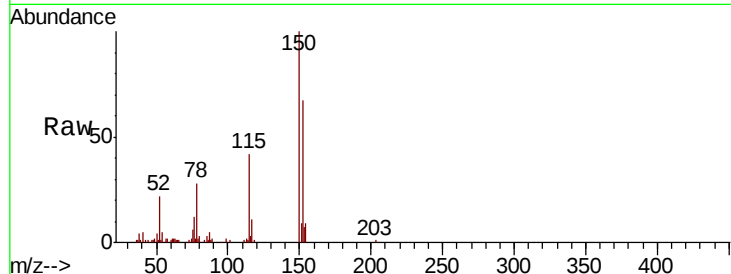


#1

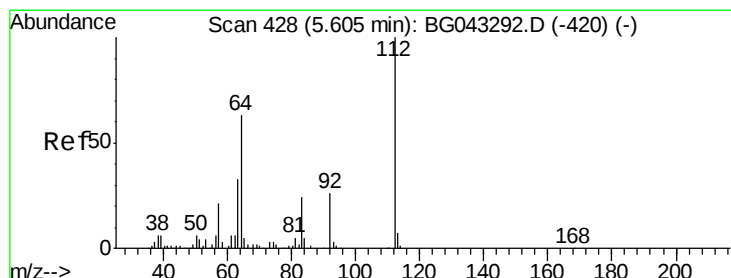
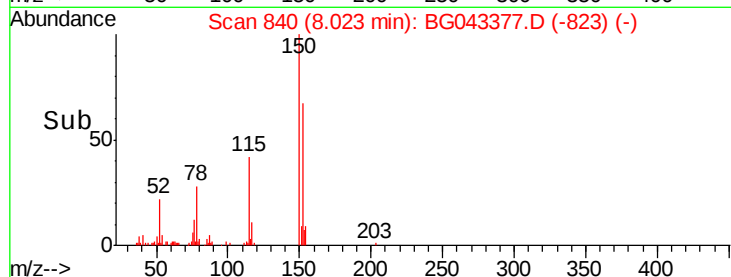
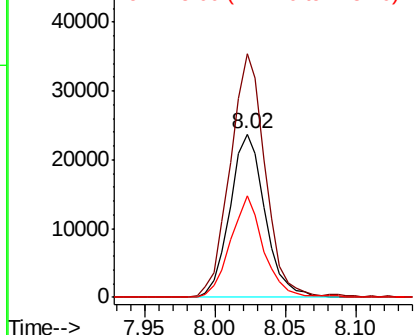
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	113.6	170.4
115	62.4	45.9	68.9



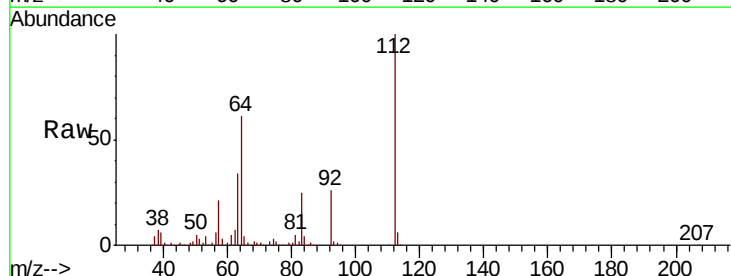
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



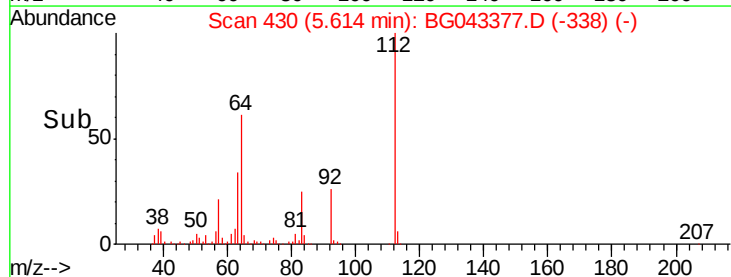
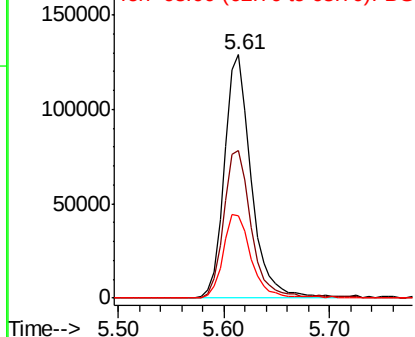
#5

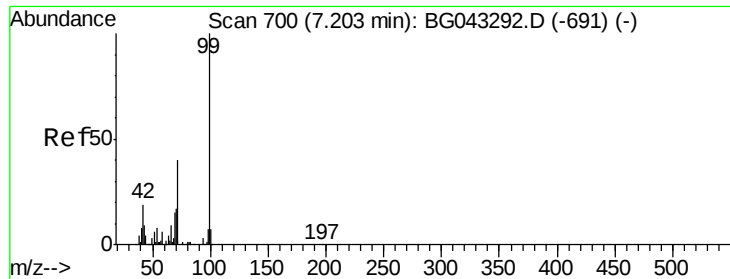
2-Fluorophenol
Concen: 101.604 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	50.2	75.2
63	33.7	26.7	40.1



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: 103.563 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

Instrument :

BNA_G

ClientSampleId :

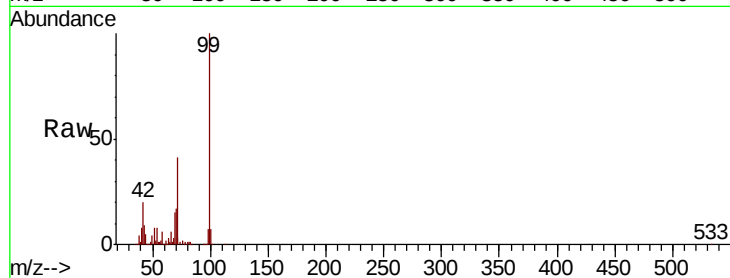
Tot Ion: 99 Resp: 332785

Ion Ratio Lower Upper

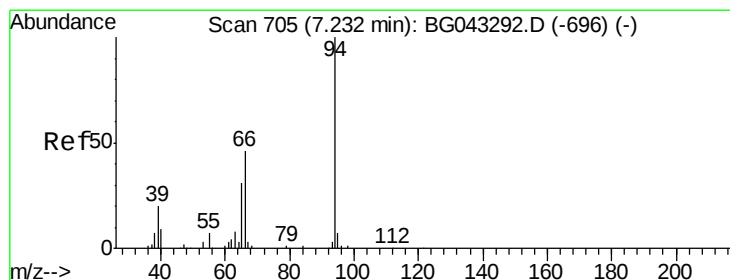
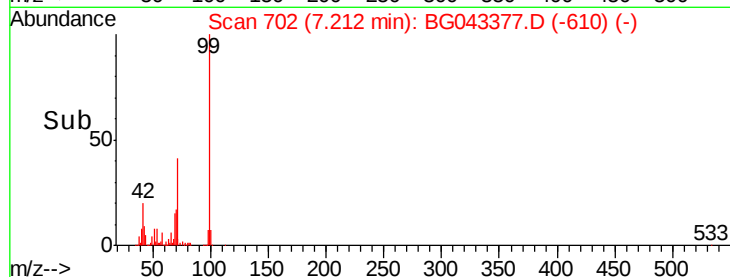
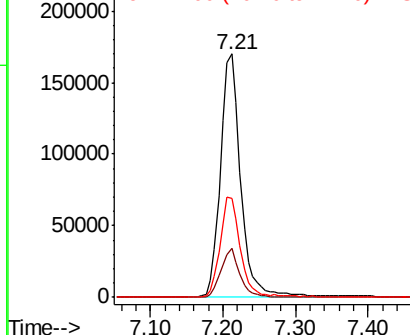
99 100

42 20.0 14.9 22.3

71 40.8 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



#10

Phenol

Concen: 2.858 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

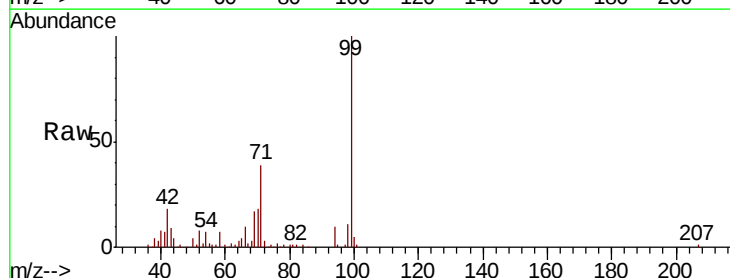
Tgt Ion: 94 Resp: 8392

Ion Ratio Lower Upper

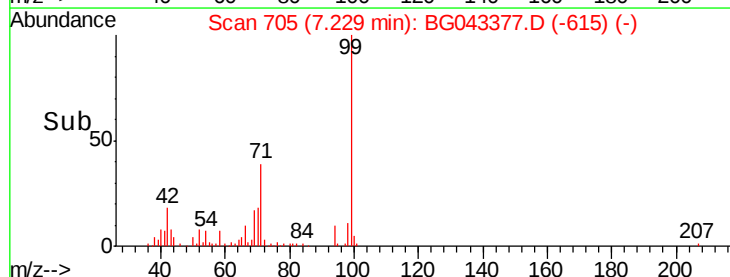
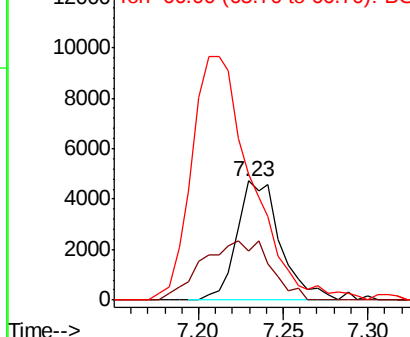
94 100

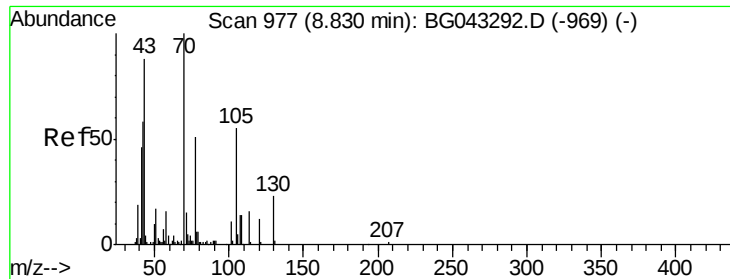
65 41.6 11.1 51.1

66 105.2 27.8 67.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

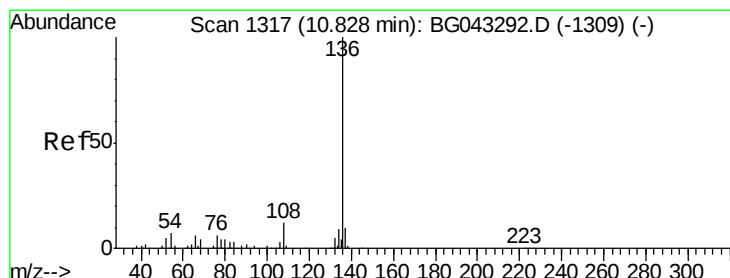
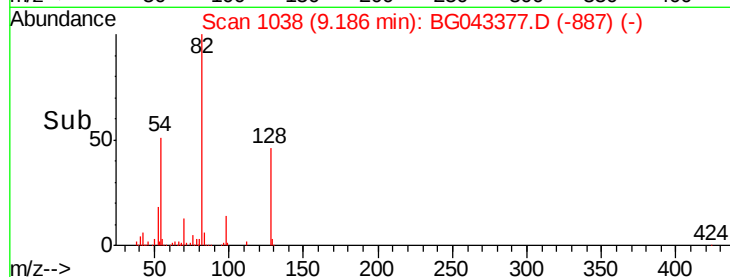
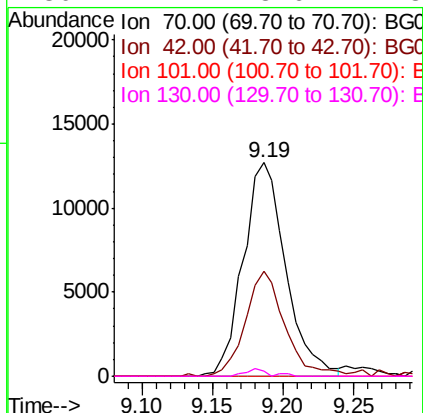
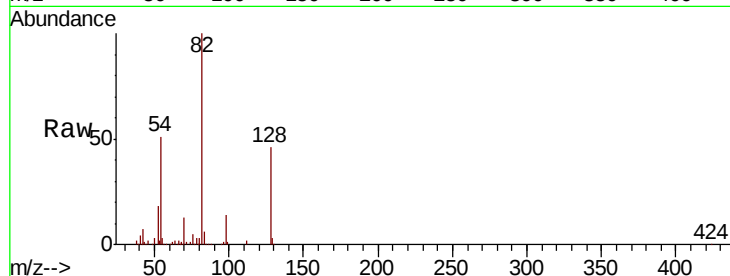




#19
n-Nitroso-di-n-propylamine
Concen: 12.931 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

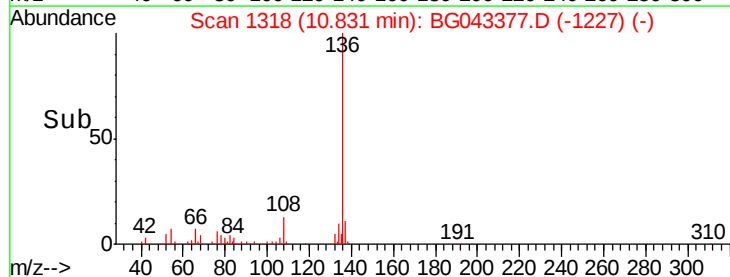
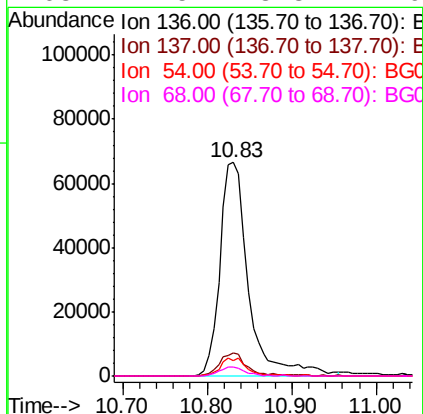
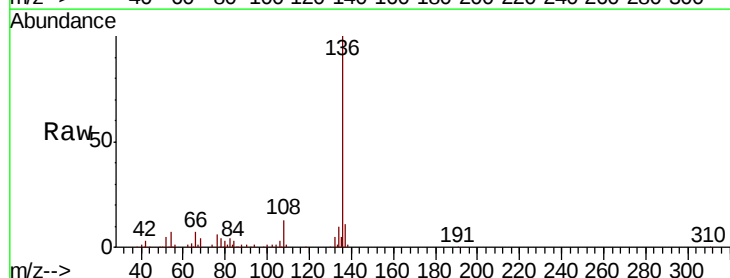
Instrument :
BNA_G
ClientSampleId :

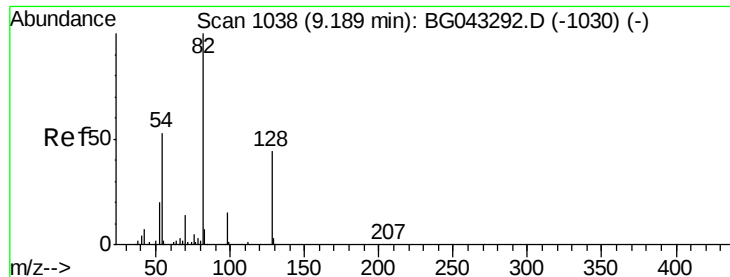
Tot Ion: 70 Resp: 26849
Ion Ratio Lower Upper
70 100
42 49.4 46.2 69.2
101 0.0 8.6 13.0#
130 2.4 18.6 27.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

Tgt Ion: 136 Resp: 156539
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 7.1 5.4 8.2
68 4.5 3.3 4.9

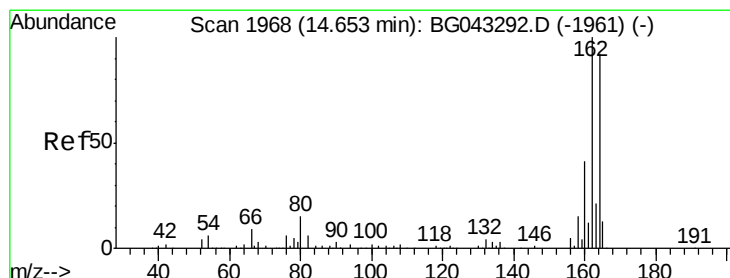
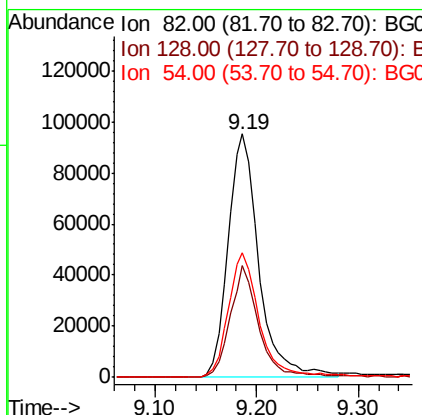
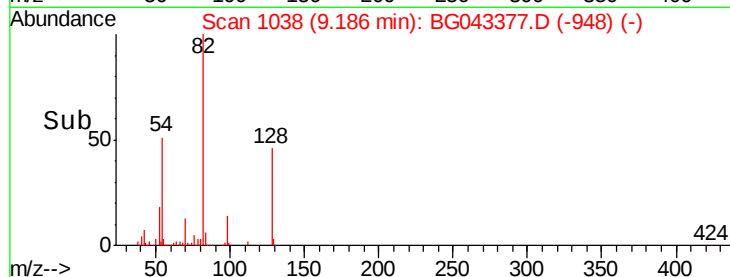
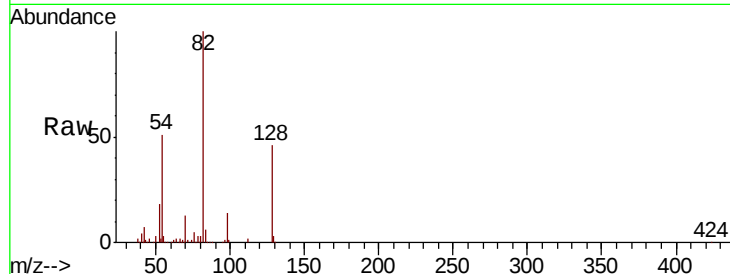




#23
 Nitrobenzene-d5
 Concen: 65.830 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043377.D
 Acq: 29 Oct 2019 17:02

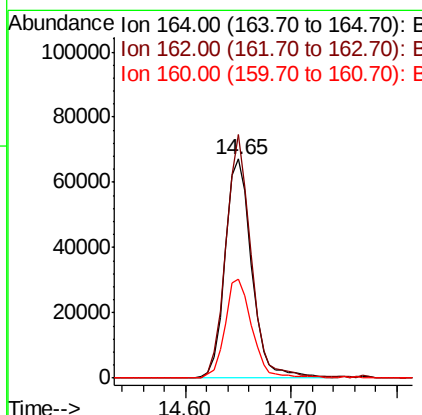
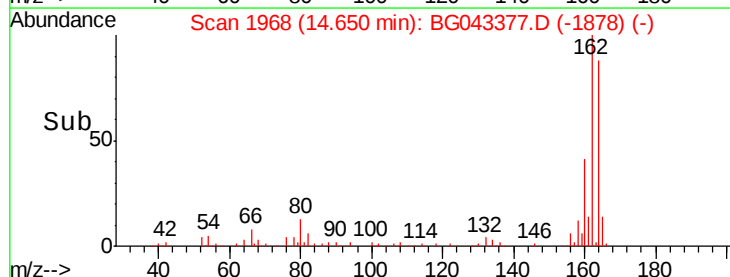
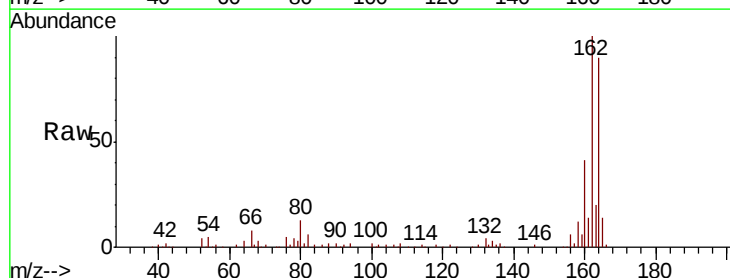
Instrument :
 BNA_G
 ClientSampleId :

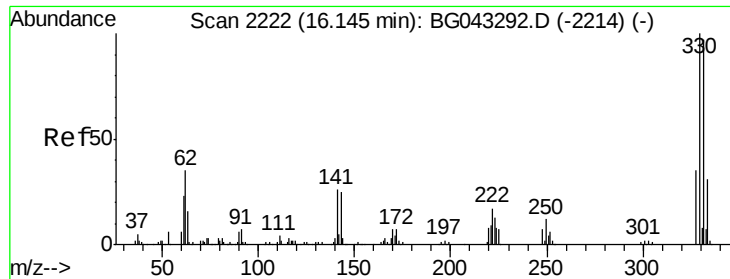
Tot Ion	82	Resp	199885
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.3	52.9
54	51.3	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043377.D
 Acq: 29 Oct 2019 17:02

Tgt Ion	164	Resp	117279
Ion Ratio	Lower	Upper	
164	100		
162	111.3	87.0	130.4
160	45.2	35.5	53.3

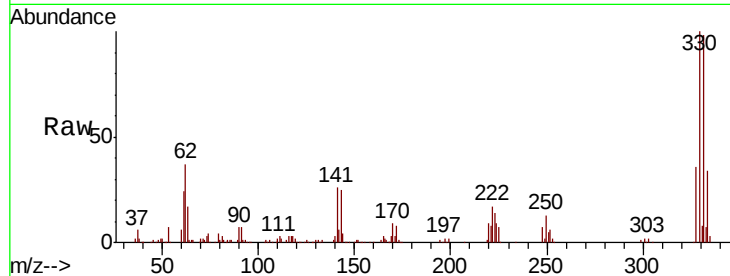




#42
 2,4,6-Tribromophenol
 Concen: 89.266 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043377.D
 Acq: 29 Oct 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.4	114.6
141	27.2	21.4	32.0

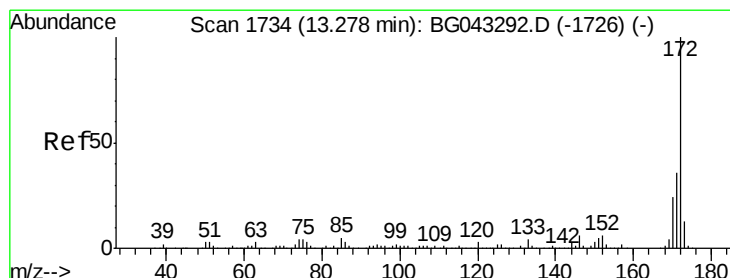
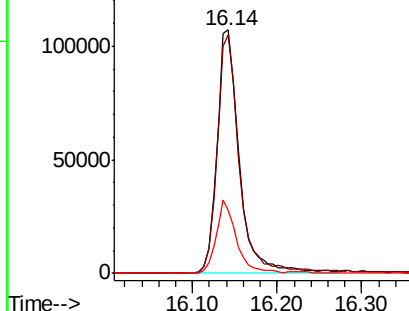
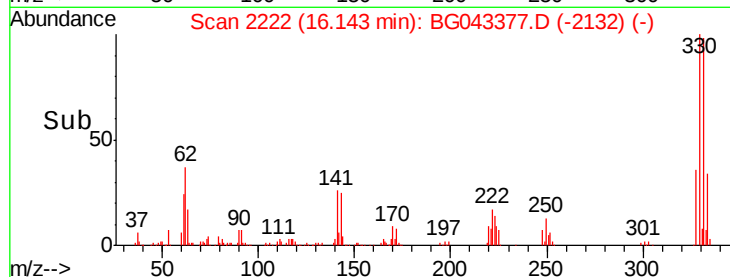


Abundance

Ion 329.80 (329.50 to 330.50): E

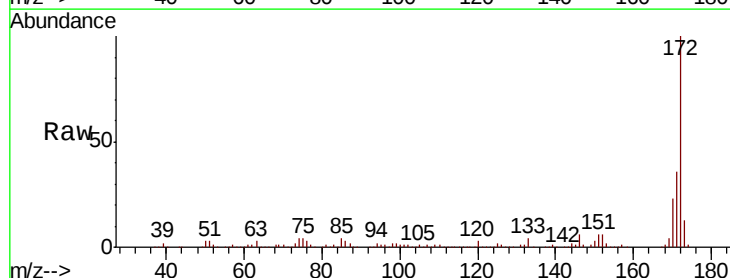
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.585 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043377.D
 Acq: 29 Oct 2019 17:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.2	18.8	28.2

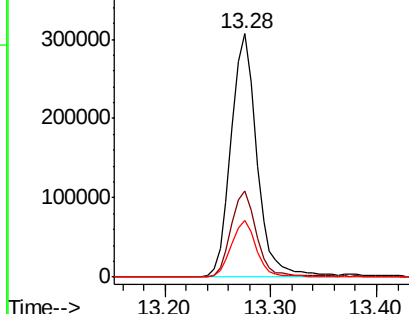
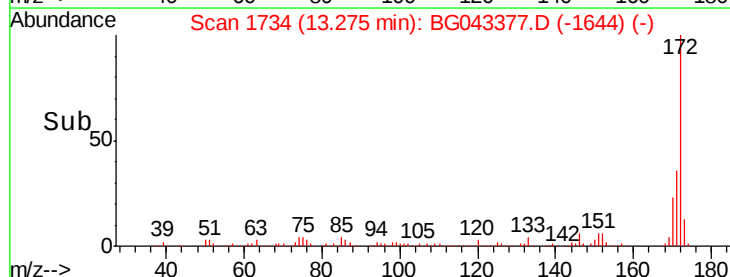


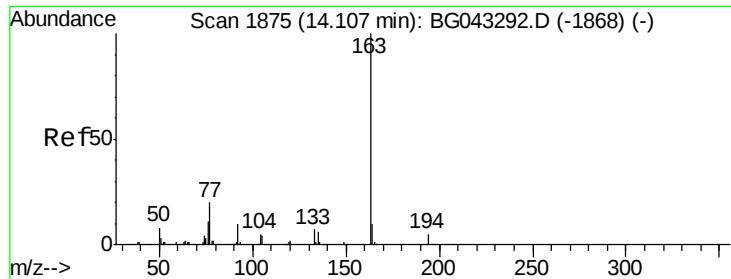
Abundance

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

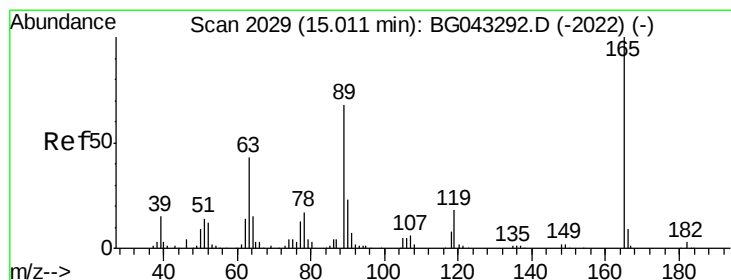
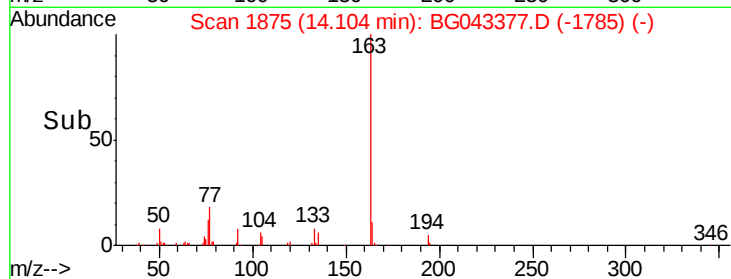
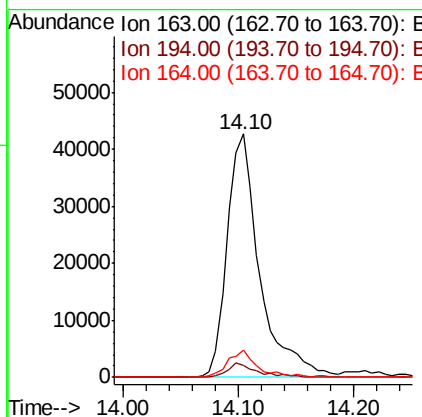
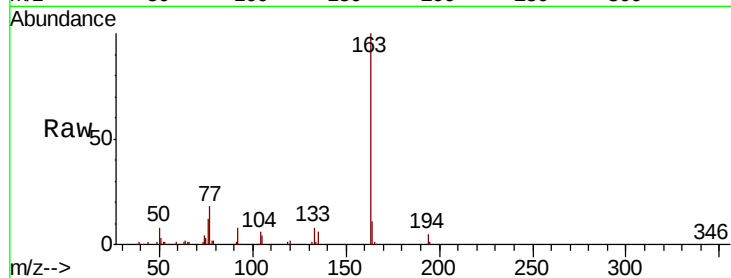




#50
Dimethylphthalate
Concen: 9.237 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

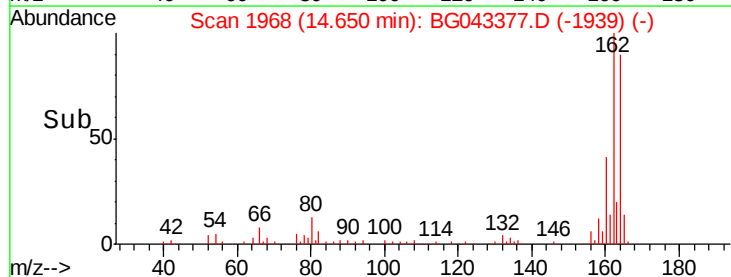
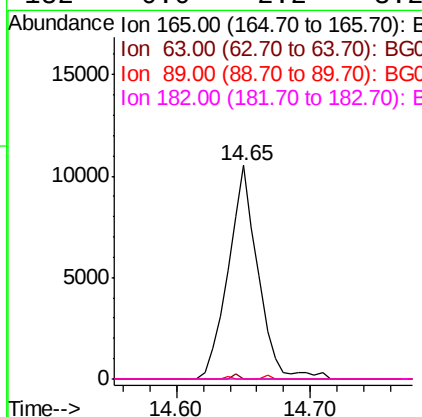
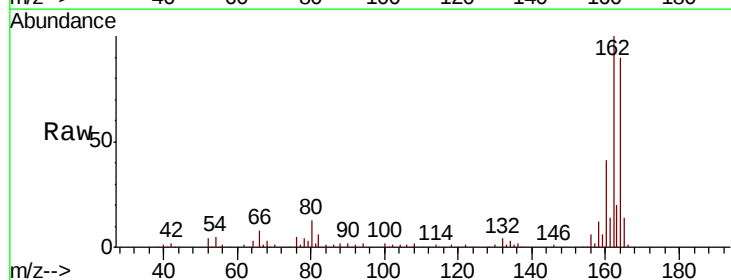
Instrument :
BNA_G
ClientSampleId :

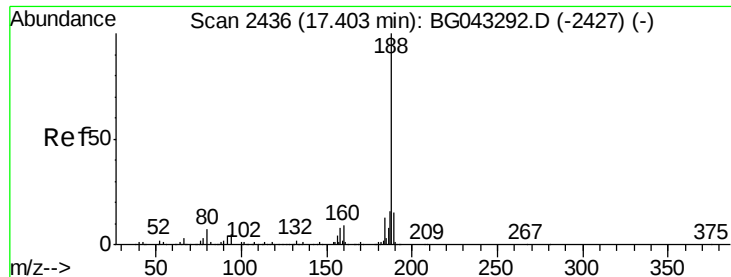
Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	5.0	3.7	5.5	
164	11.0	8.1	12.1	



#57
2,4-Dinitrotoluene
Concen: 5.803 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

Instrument :

BNA_G

ClientSampleId :

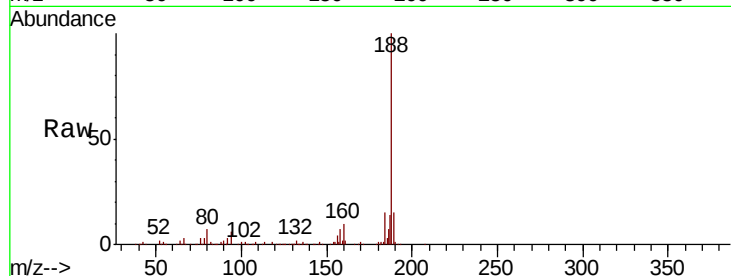
Tot Ion:188 Resp: 267983

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

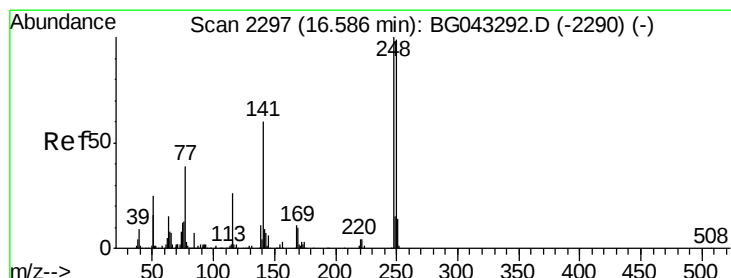
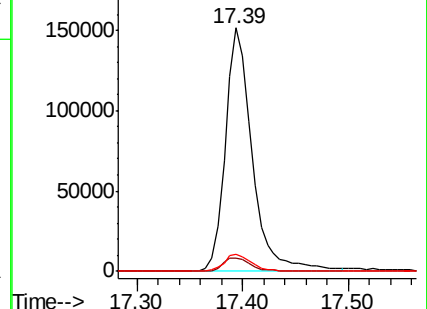
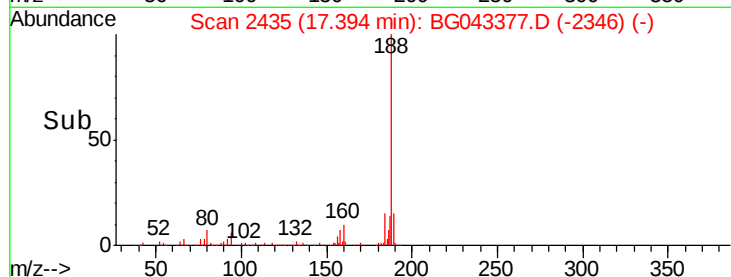
80 6.8 5.2 7.8



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: 3.590 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.44 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

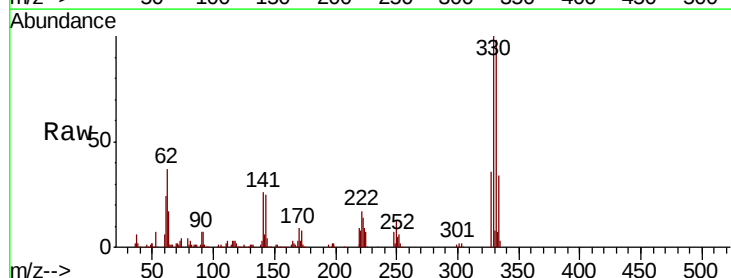
Tgt Ion:248 Resp: 12948

Ion Ratio Lower Upper

248 100

250 194.9 79.3 118.9#

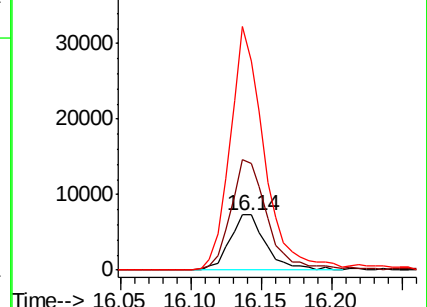
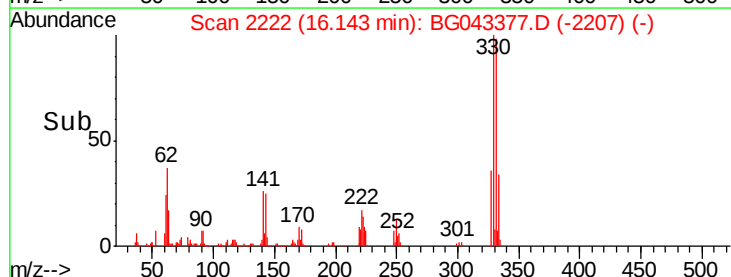
141 381.6 47.9 71.9#

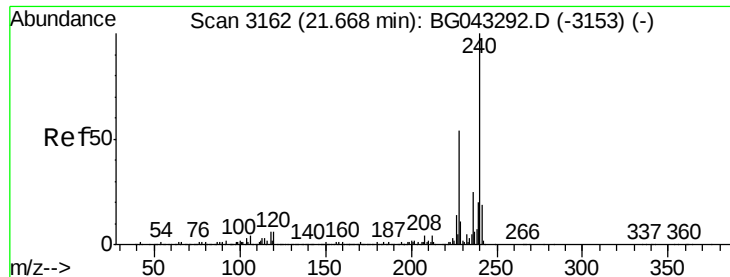


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

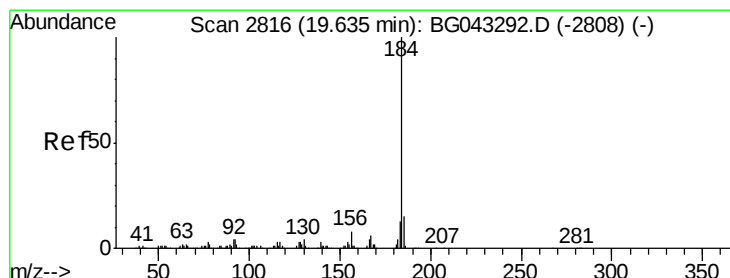
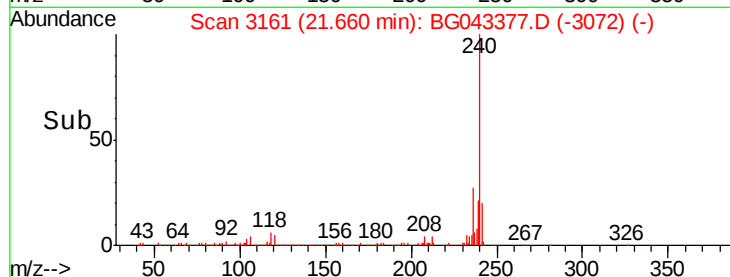
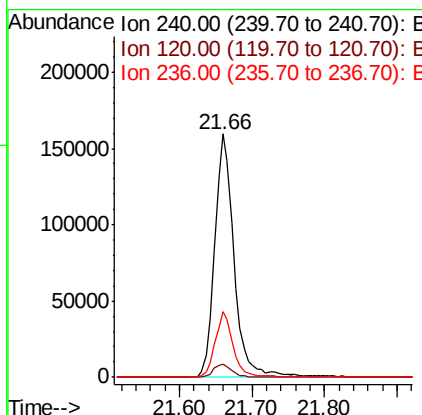
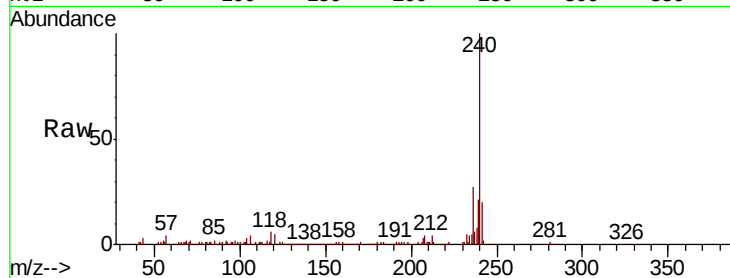




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG043377.D
 Acq: 29 Oct 2019 17:02

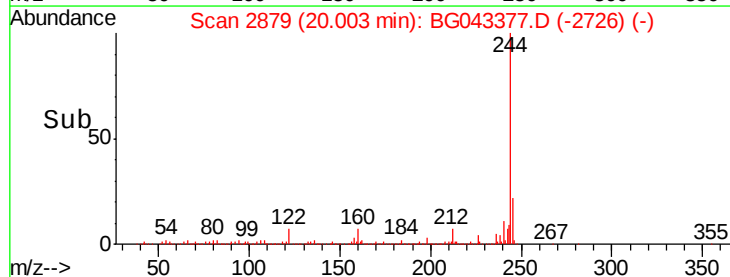
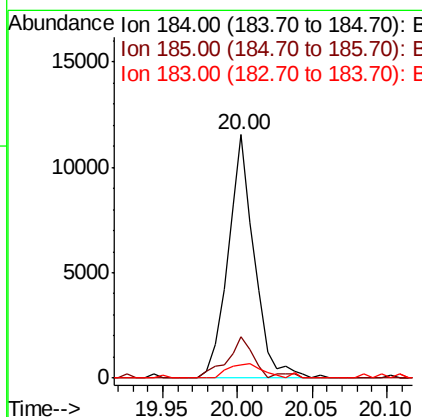
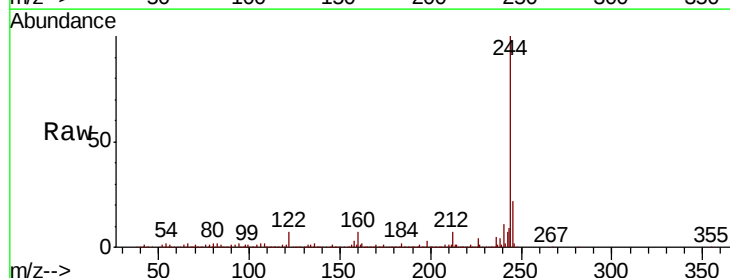
Instrument :
 BNA_G
 ClientSampleId :

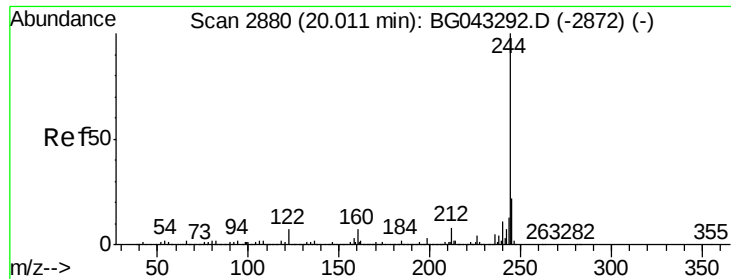
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	7.0
236	27.0	20.2	30.4



#77
 Benzidine
 Concen: 2.384 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. 0.37 min
 Lab File: BG043377.D
 Acq: 29 Oct 2019 17:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.8	17.6
183	5.3	10.6	16.0#



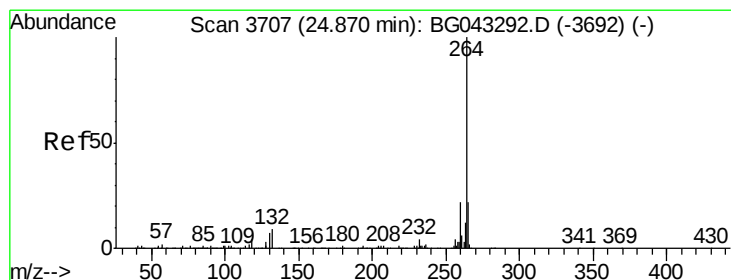
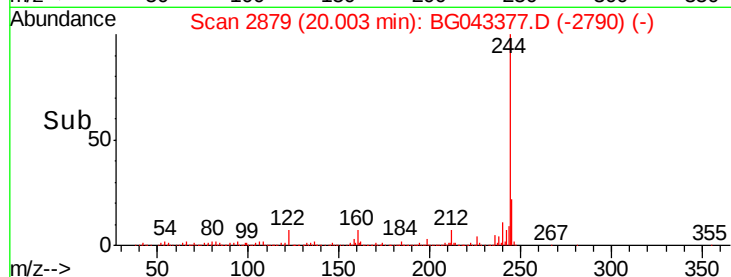
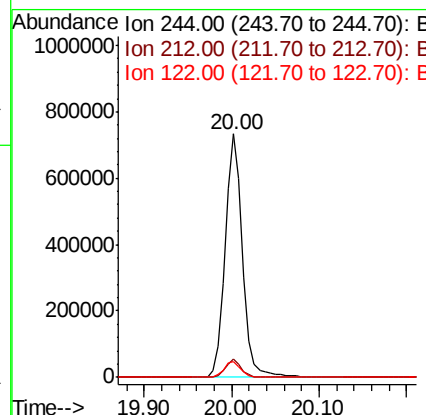
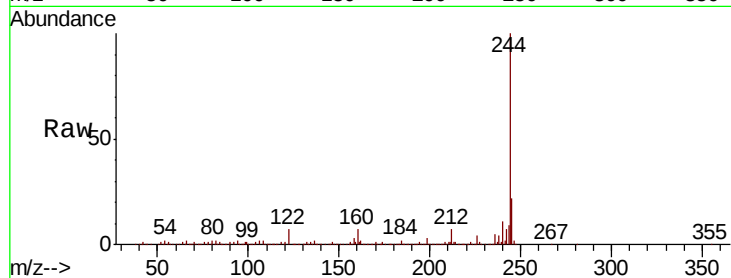


#79
 Terphenyl-d14
 Concen: 63.677 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043377.D
 Acq: 29 Oct 2019 17:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1006098

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	6.6	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043377.D
 Acq: 29 Oct 2019 17:02

Tgt Ion:264 Resp: 356237

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	22.3	17.4	26.2

