

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043422.D
 Acq On : 31 Oct 2019 5:08
 Operator : JU
 Sample : K5587-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 08:28:58 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

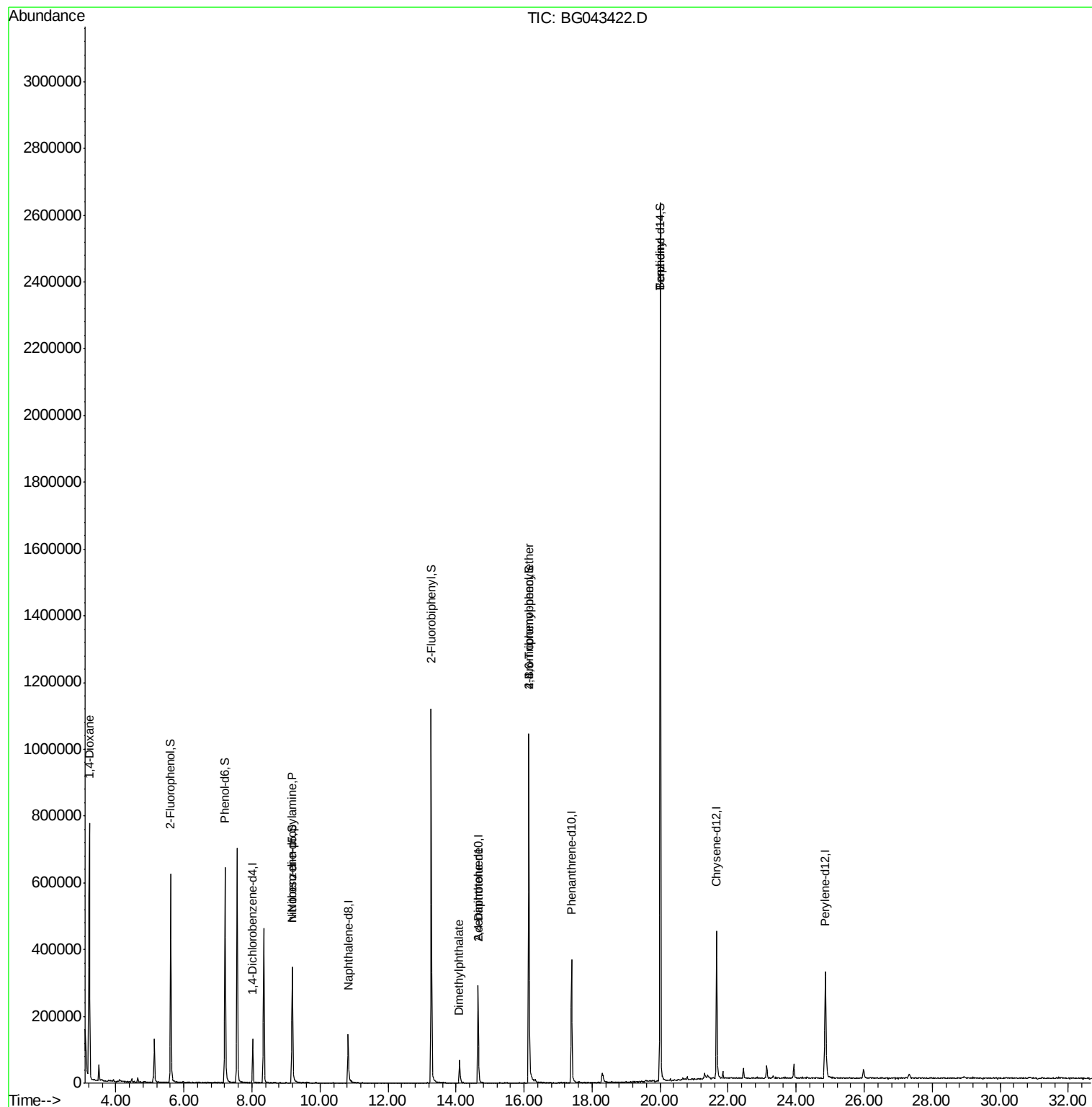
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41200	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152579	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	113830	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	271373	20.00	ng	0.00
76) Chrysene-d12	21.66	240	297903	20.00	ng	0.00
87) Perylene-d12	24.86	264	345113	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	293481	130.53	ng	0.01
7) Phenol-d6	7.21	99	409538	126.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	244416	82.59	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	269450	124.39	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	656436	79.69	ng	0.00
79) Terphenyl-d14	20.00	244	1436759	90.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	9142	10.434	ng	# 1
19) n-Nitroso-di-n-propylamine	9.19	70	33397	15.977	ng	# 78
50) Dimethylphthalate	14.10	163	64209	7.282	ng	# 99
57) 2,4-Dinitrotoluene	14.65	165	14759	5.392	ng	# 27
67) 4-Bromophenyl-phenylether	16.14	248	18968	5.194	ng	# 1
77) Benzidine	20.00	184	20947	3.494	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043422.D
Acq On : 31 Oct 2019 5:08
Operator : JU
Sample : K5587-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 31 08:28:58 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# 839

Delta R.T. -0.01 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

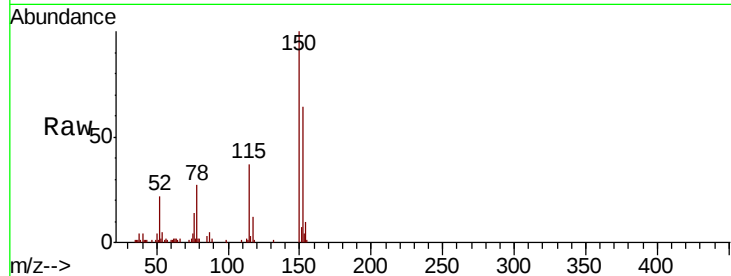
Tot Ion:152 Resp: 41200

Ion Ratio Lower Upper

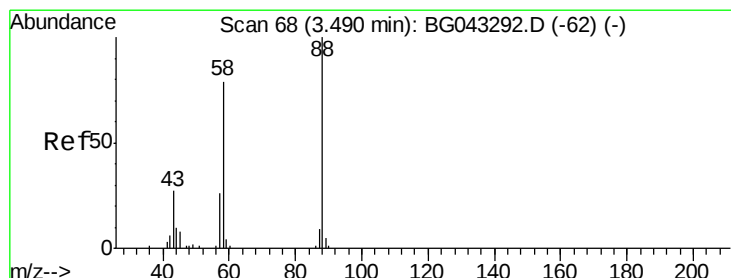
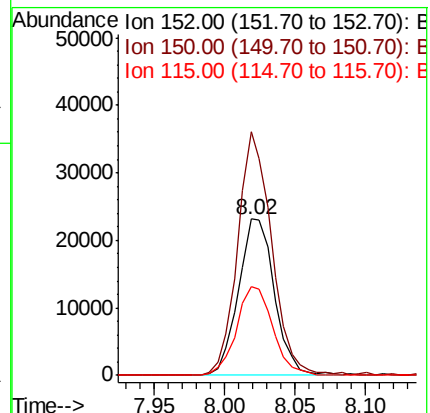
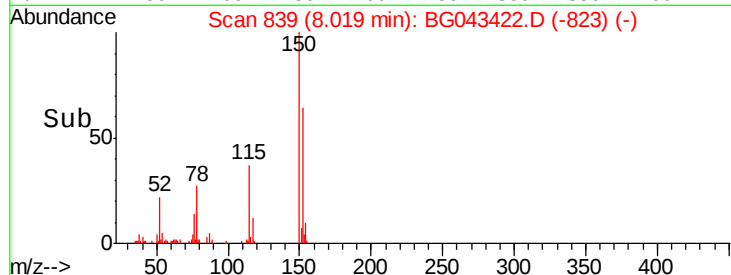
152 100

150 156.1 113.6 170.4

115 57.1 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



#2

1,4-Dioxane

Concen: 10.434 ng

RT: 3.22 min Scan# 23

Delta R.T. -0.27 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

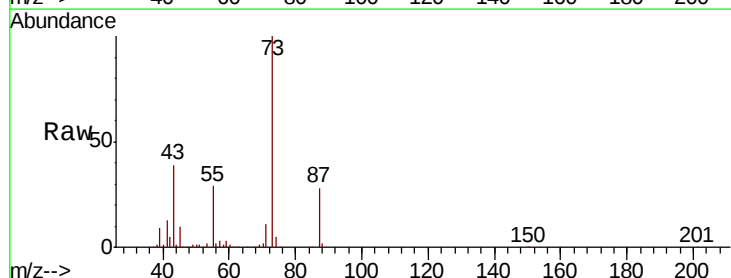
Tgt Ion: 88 Resp: 9142

Ion Ratio Lower Upper

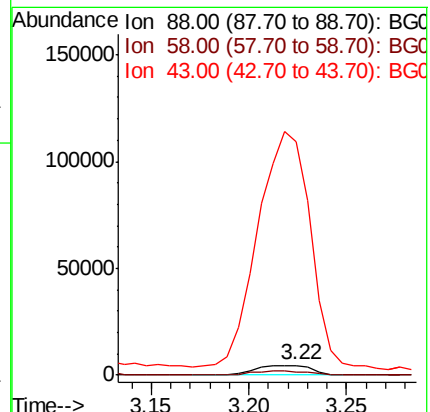
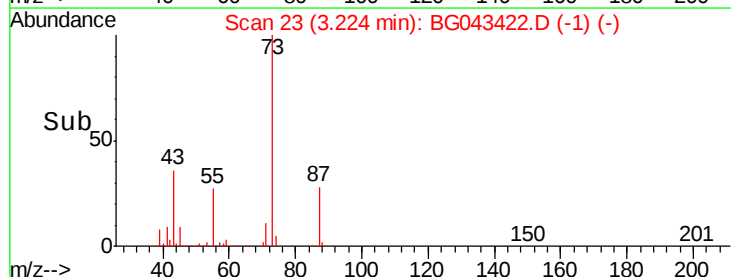
88 100

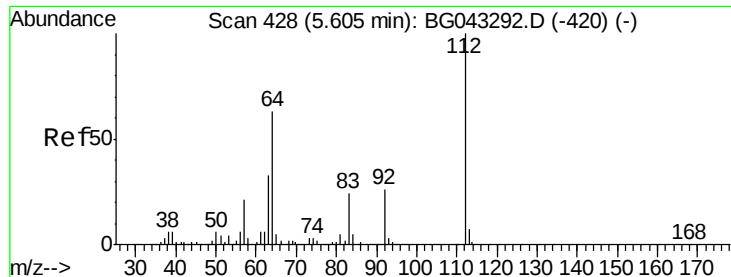
58 48.3 60.2 90.2#

43 2286.2 22.7 34.1#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 130.531 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

Instrument :

BNA_G

ClientSampled :

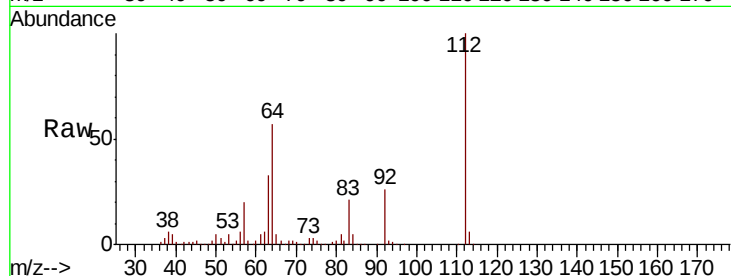
Tot Ion:112 Resp: 293481

Ion Ratio Lower Upper

112 100

64 57.5 50.2 75.2

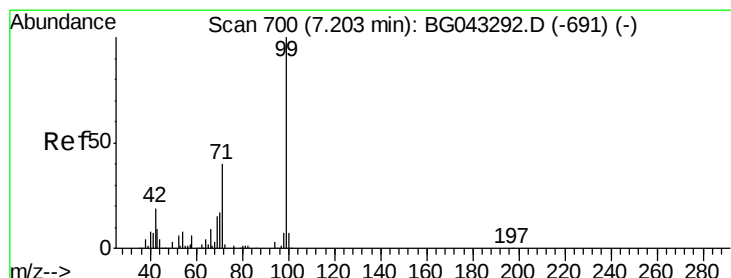
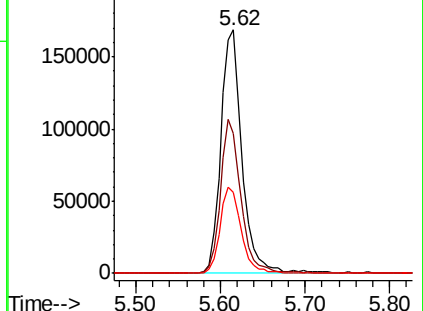
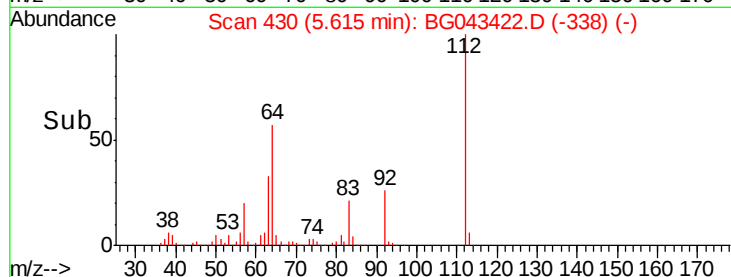
63 33.4 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 126.601 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

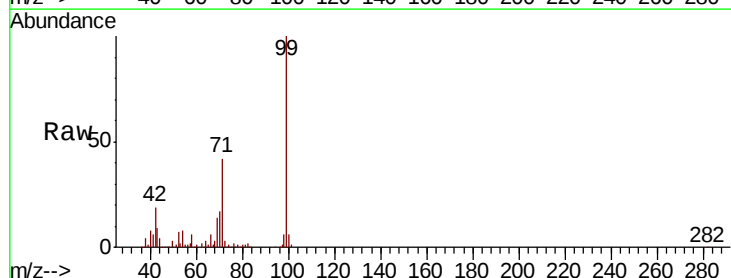
Tgt Ion: 99 Resp: 409538

Ion Ratio Lower Upper

99 100

42 19.1 14.9 22.3

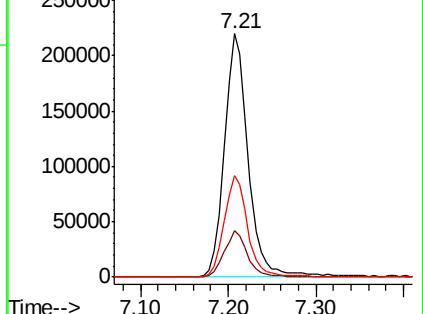
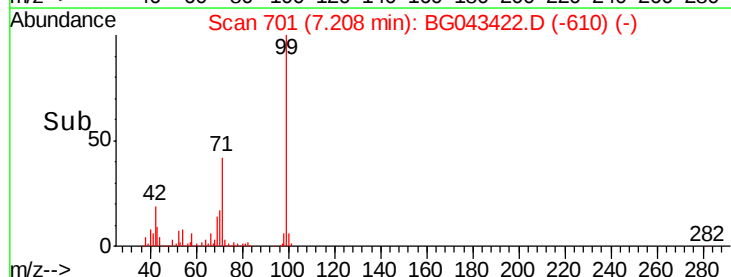
71 41.8 32.2 48.2

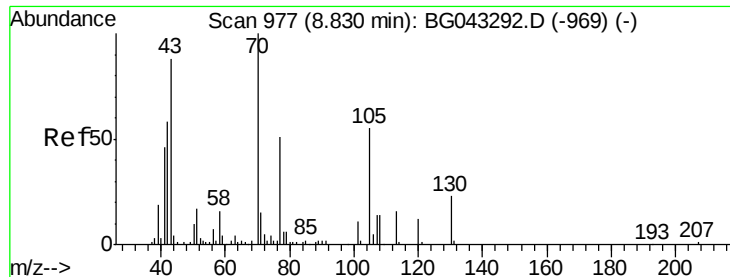


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

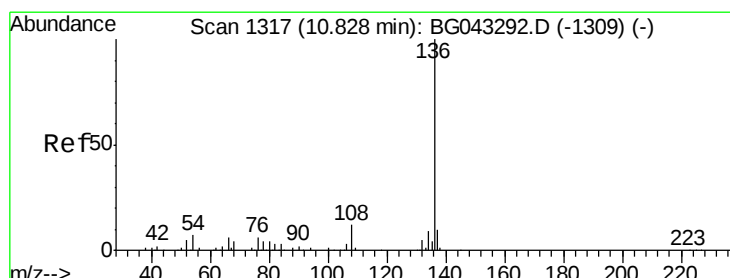
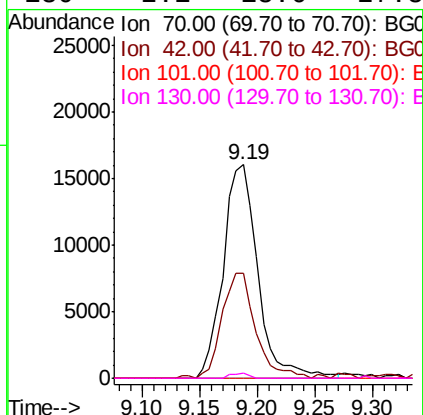
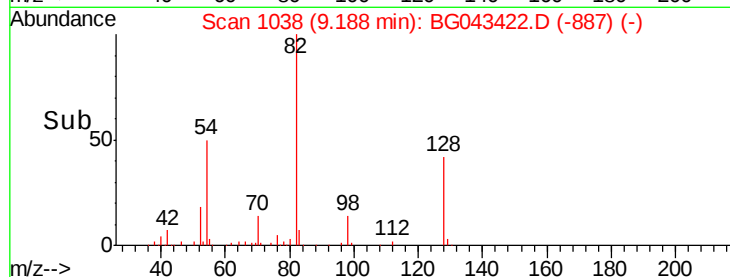
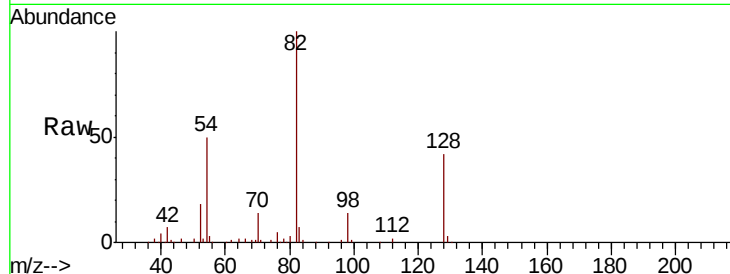




#19
n-Nitroso-di-n-propylamine
Concen: 15.977 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

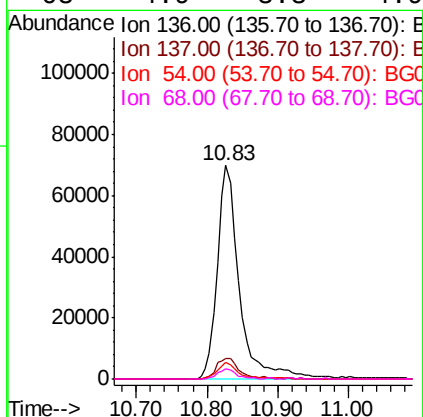
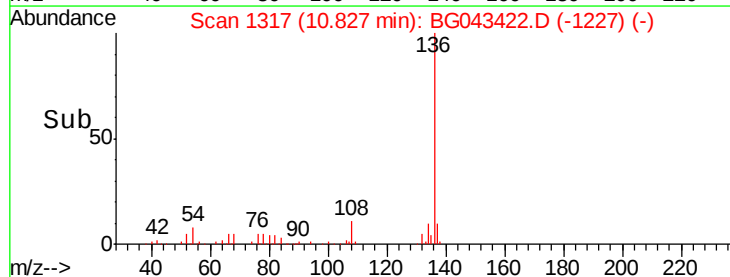
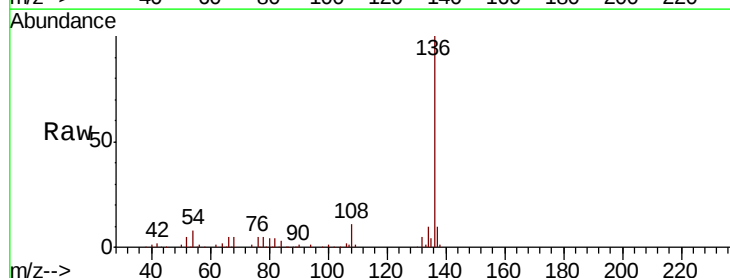
Instrument :
BNA_G
ClientSampleId :

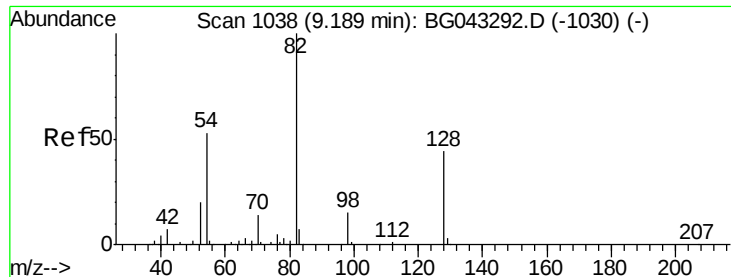
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.0	46.2	69.2	
101	0.0	8.6	13.0	#
130	2.1	18.6	27.8	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	9.8	8.2	12.2	
54	7.5	5.4	8.2	
68	4.9	3.3	4.9	

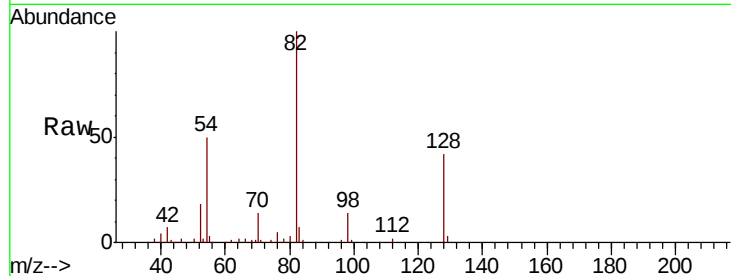




#23
 Nitrobenzene-d5
 Concen: 82.585 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043422.D
 Acq: 31 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	244416
Ion Ratio	Lower	Upper	
82	100		
128	41.6	35.3	52.9
54	50.1	42.3	63.5

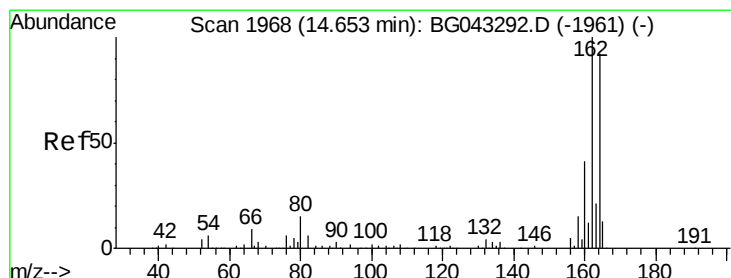
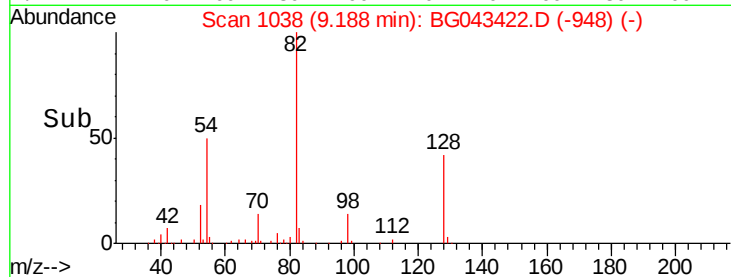
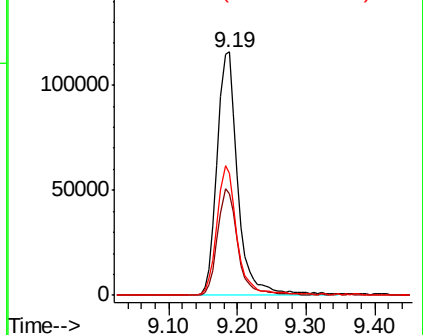


Abundance

Ion 82.00 (81.70 to 82.70): BG043422.D (-948) (-)

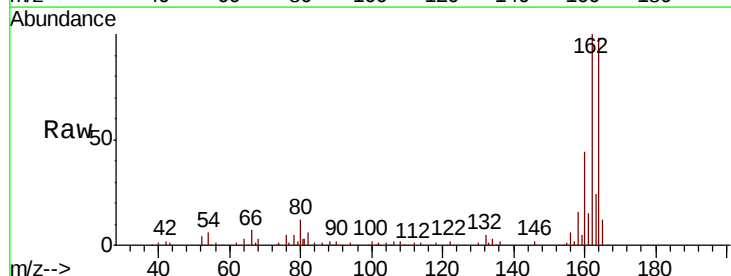
Ion 128.00 (127.70 to 128.70): BG043422.D (-948) (-)

Ion 54.00 (53.70 to 54.70): BG043422.D (-948) (-)



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043422.D
 Acq: 31 Oct 2019 5:08

Tgt Ion	164	Resp	113830
Ion Ratio	Lower	Upper	
164	100		
162	101.9	87.0	130.4
160	45.2	35.5	53.3

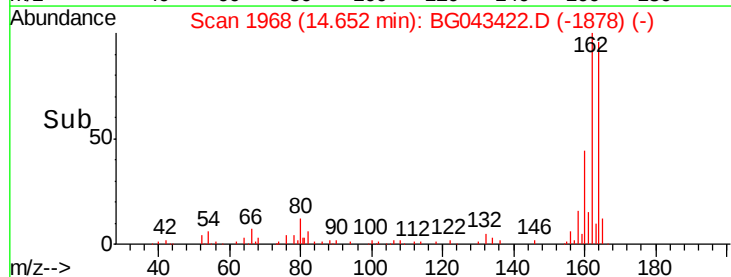
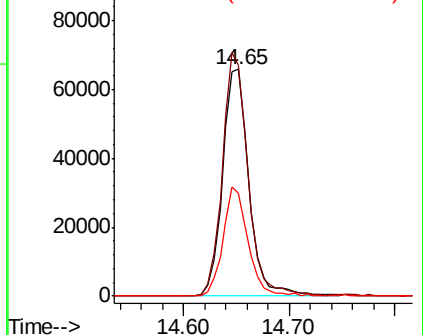


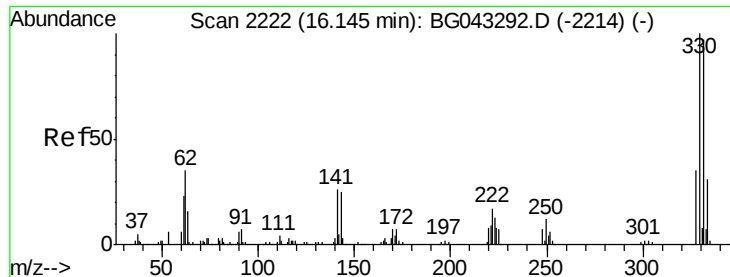
Abundance

Ion 164.00 (163.70 to 164.70): BG043422.D (-1878) (-)

Ion 162.00 (161.70 to 162.70): BG043422.D (-1878) (-)

Ion 160.00 (159.70 to 160.70): BG043422.D (-1878) (-)

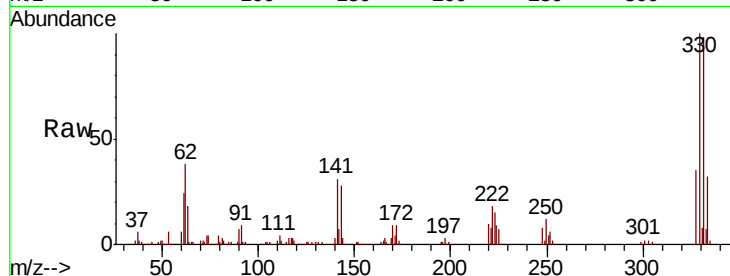




#42
 2,4,6-Tribromophenol
 Concen: 124.389 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043422.D
 Acq: 31 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.4	114.6
141	28.4	21.4	32.0

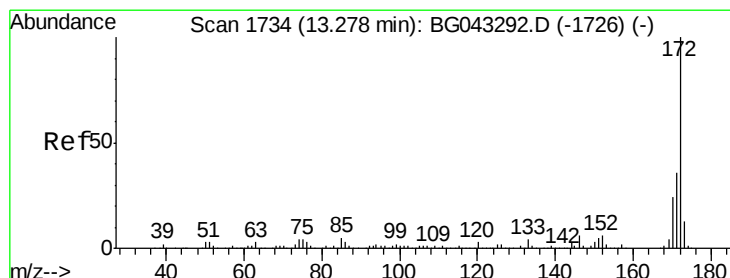
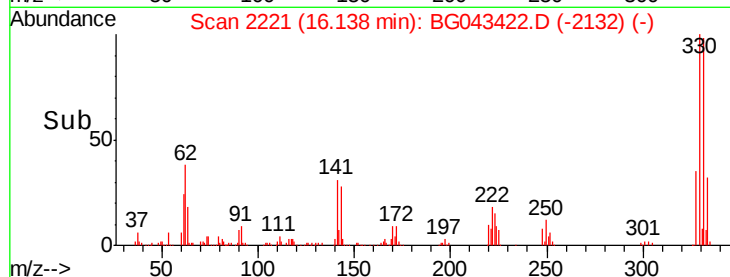
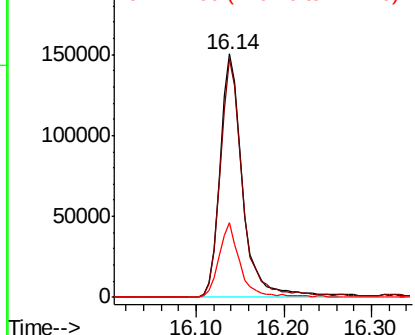


Abundance

Ion 329.80 (329.50 to 330.50): E

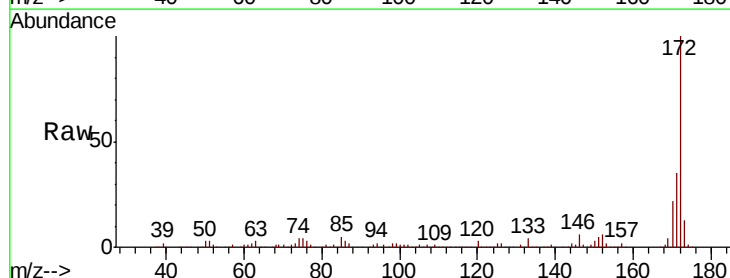
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.686 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043422.D
 Acq: 31 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.4	18.8	28.2

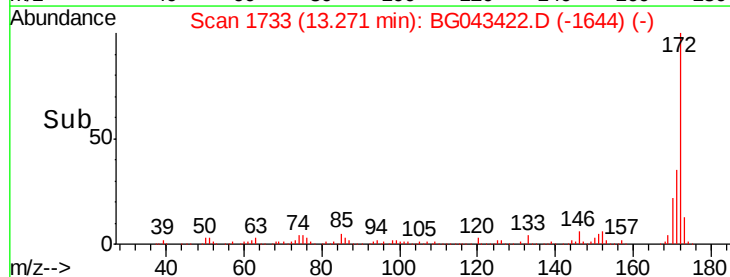
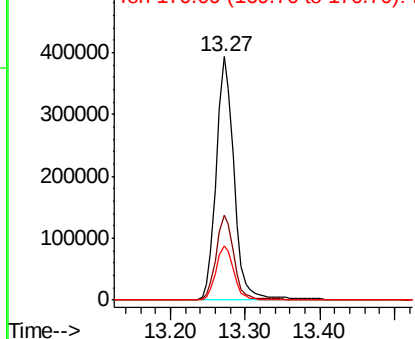


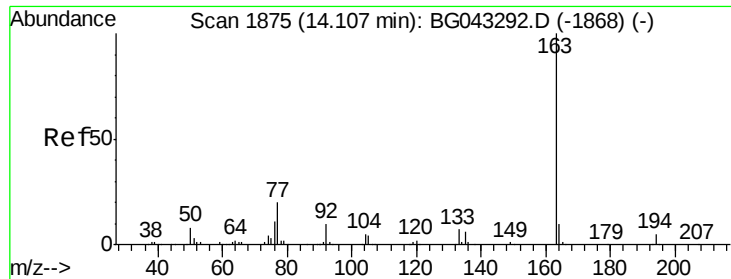
Abundance

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

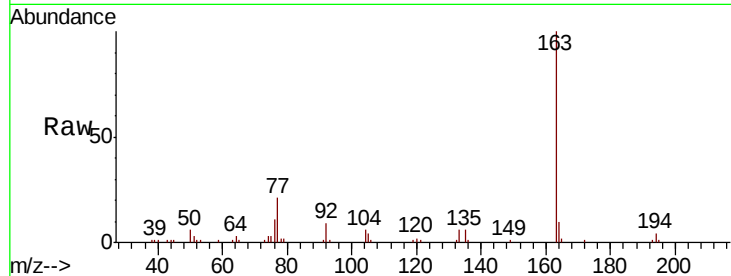




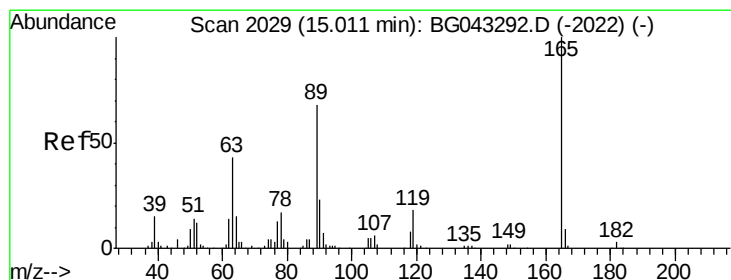
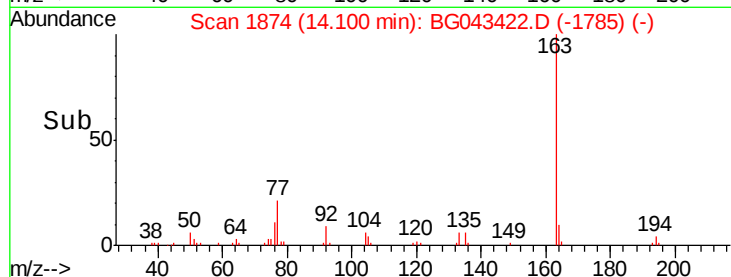
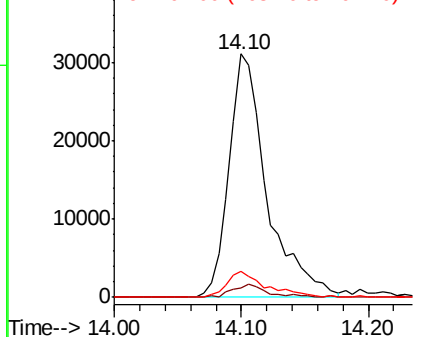
#50
Dimethylphthalate
Concen: 7.282 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 64209
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 10.5 8.1 12.1

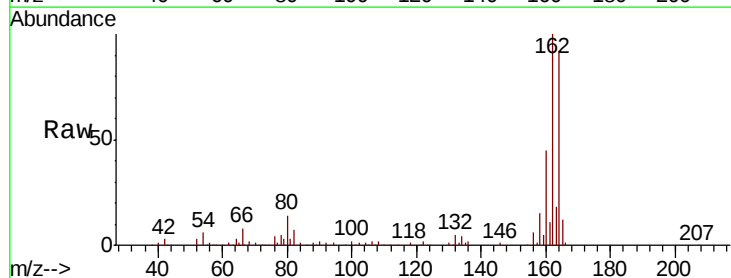


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

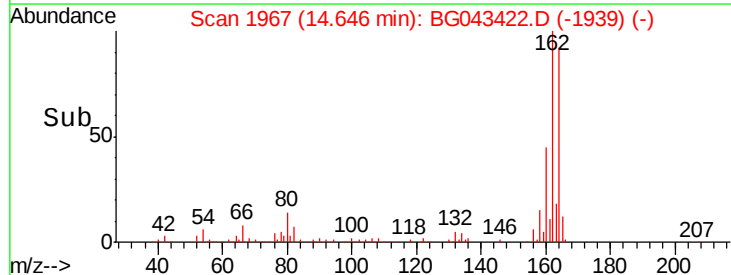
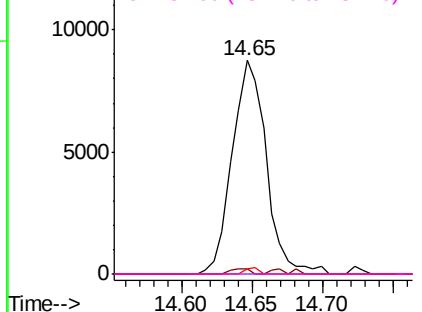


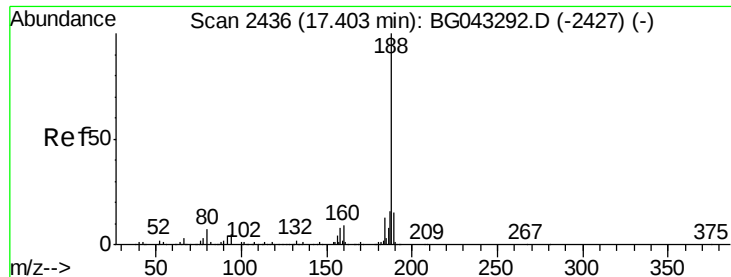
#57
2,4-Dinitrotoluene
Concen: 5.392 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.37 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

Tgt Ion:165 Resp: 14759
Ion Ratio Lower Upper
165 100
63 2.3 35.0 52.6#
89 2.3 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

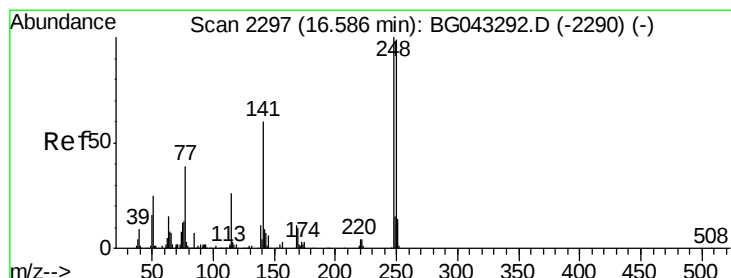
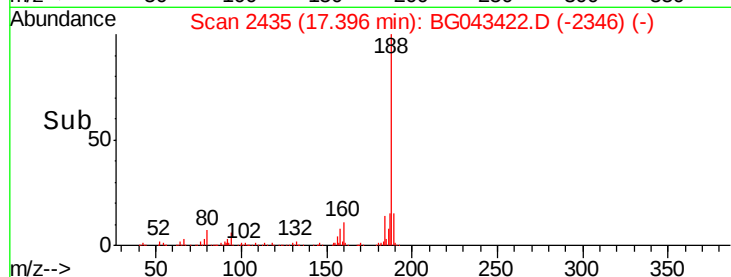
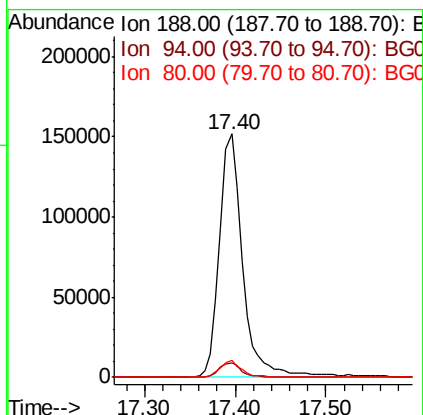
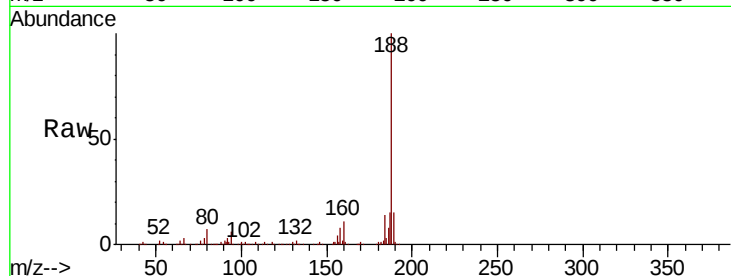




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

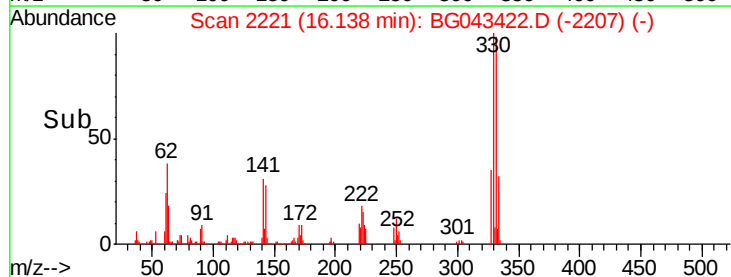
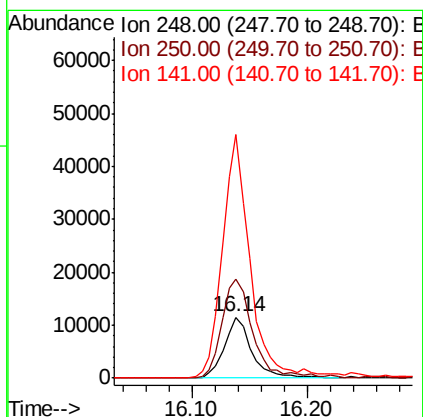
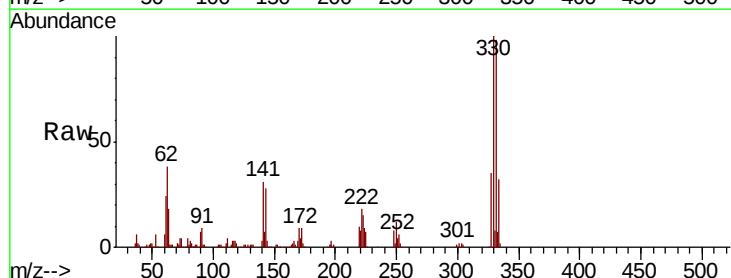
Instrument :
BNA_G
ClientSampleId :

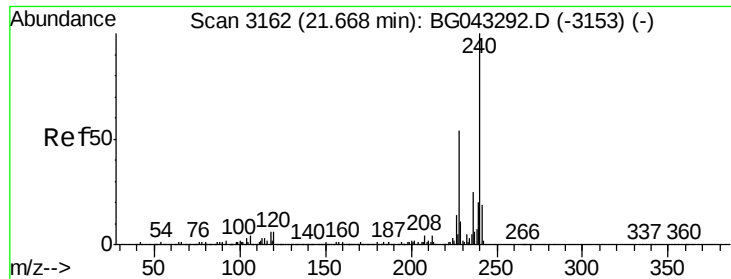
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	7.1	5.2	7.8



#67
4-Bromophenyl-phenylether
Concen: 5.194 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	161.9	79.3	118.9#
141	398.3	47.9	71.9#

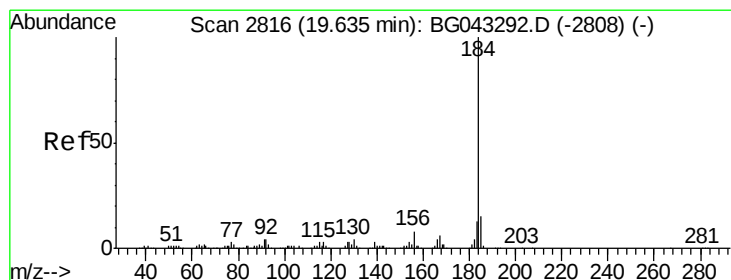
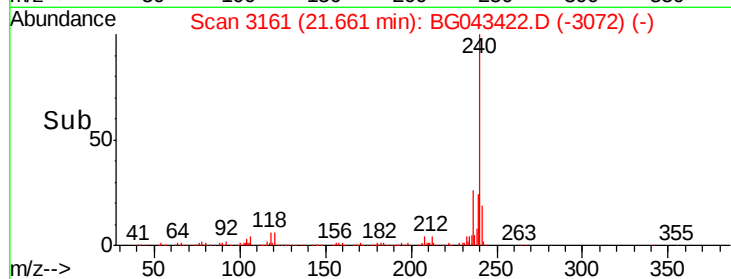
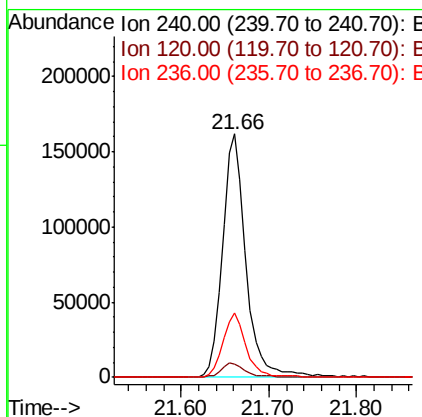
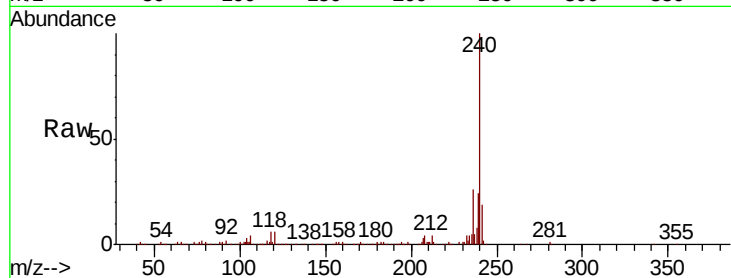




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

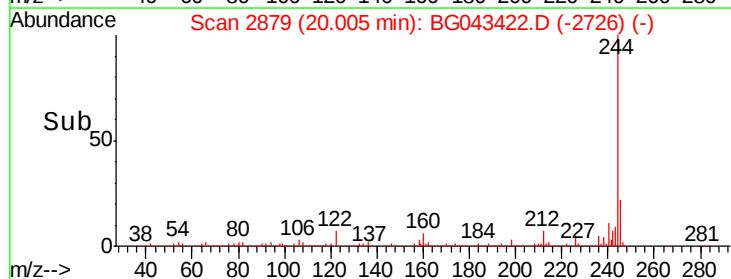
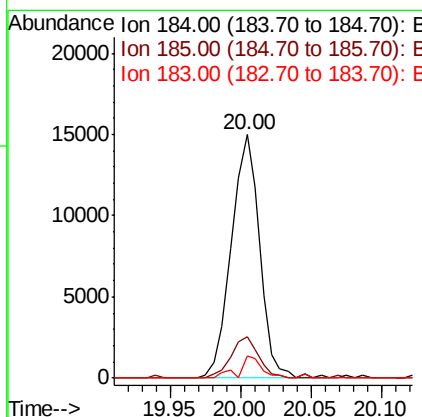
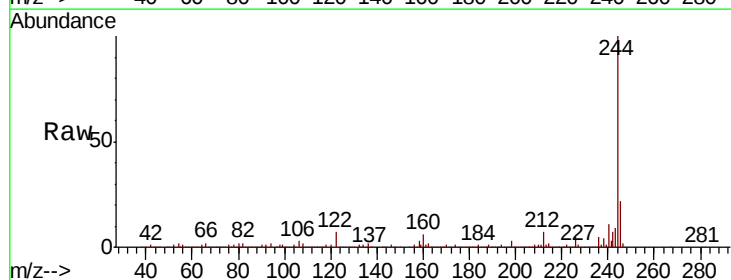
Instrument :
BNA_G
ClientSampleId :

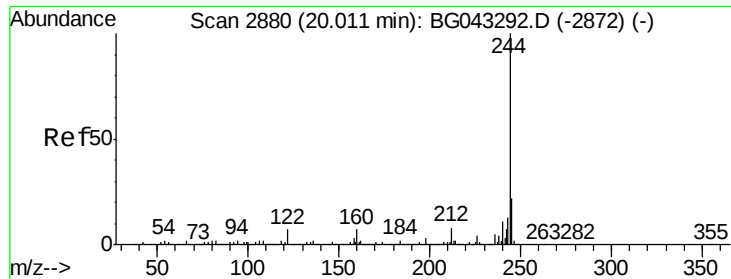
Tot Ion:240 Resp: 297903
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 26.2 20.2 30.4



#77
Benzidine
Concen: 3.494 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

Tgt Ion:184 Resp: 20947
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 9.0 10.6 16.0#



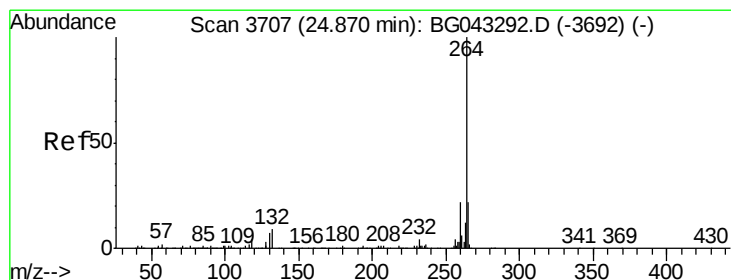
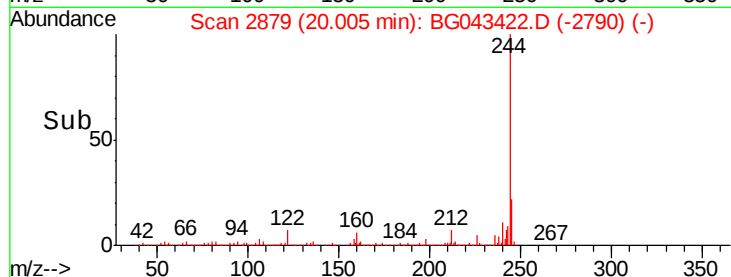
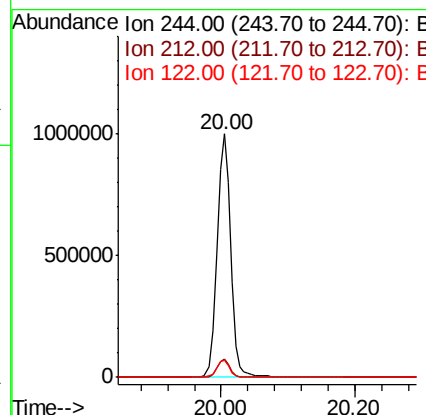
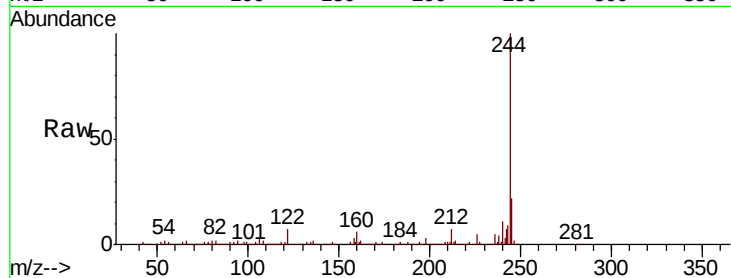


#79
 Terphenyl-d14
 Concen: 90.481 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043422.D
 Acq: 31 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1436759

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	6.9	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: BG043422.D
 Acq: 31 Oct 2019 5:08

Tgt Ion:264 Resp: 345113

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	21.3	17.4	26.2

