

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043430.D
 Acq On : 31 Oct 2019 11:29
 Operator : JU
 Sample : PB124413BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 13:10:24 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

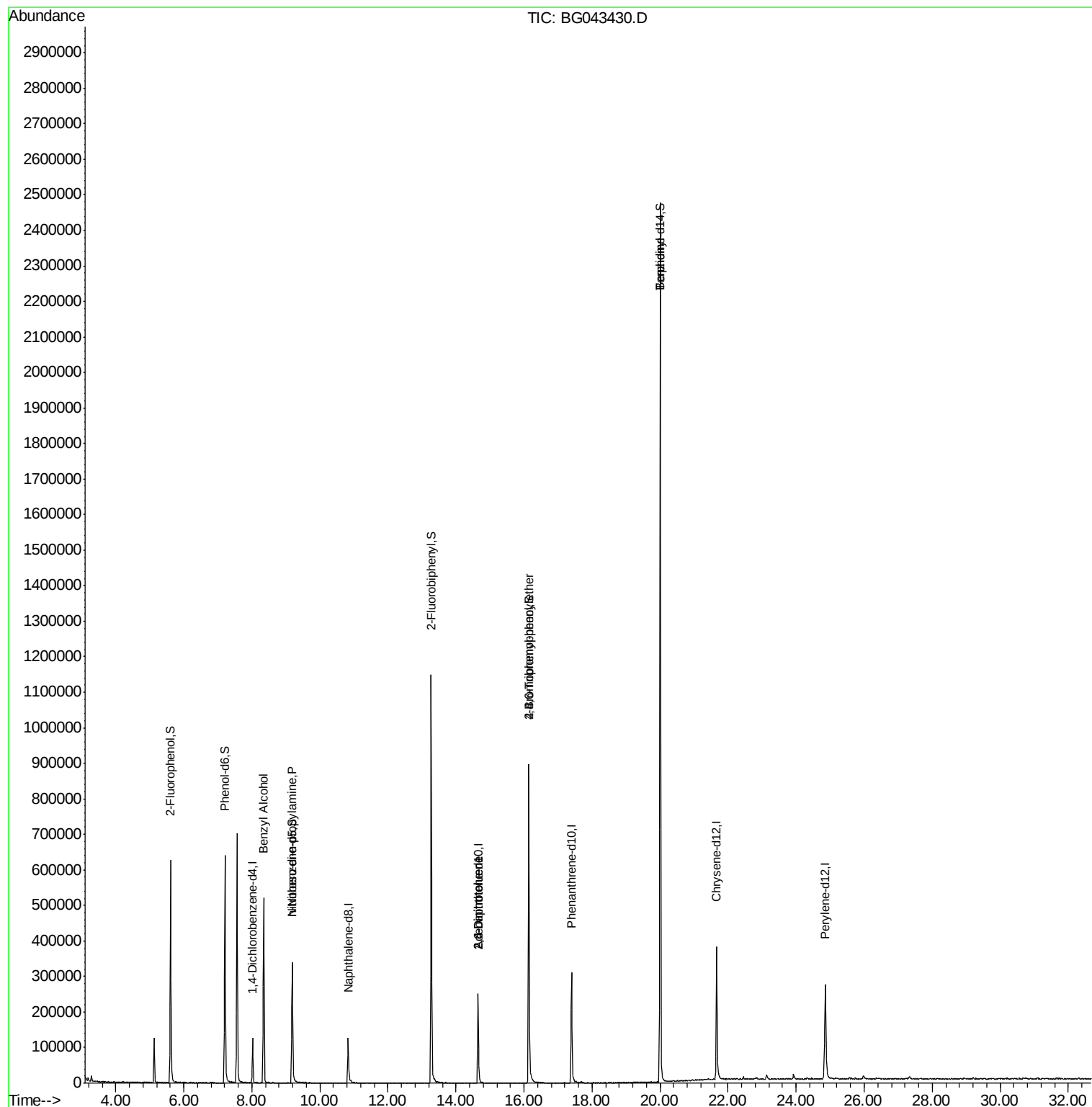
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38439	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129684	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	104127	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	255011	20.00	ng	0.00
76) Chrysene-d12	21.66	240	282930	20.00	ng	0.00
87) Perylene-d12	24.86	264	329040	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	298934	142.51	ng	0.00
7) Phenol-d6	7.20	99	411757	136.43	ng	0.00
23) Nitrobenzene-d5	9.18	82	243422	96.77	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	253622	127.99	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	672864	89.29	ng	0.00
79) Terphenyl-d14	20.01	244	1414902	93.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	4348	2.051	ng	# 50
19) n-Nitroso-di-n-propylamine	9.18	70	33724	17.292	ng	# 74
51) 2,6-Dinitrotoluene	14.65	165	13920	7.944	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	13920	5.559	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	15200	4.429	ng	# 1
77) Benzidine	20.00	184	20635	3.624	ng	# 90

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

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 31 13:10:24 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



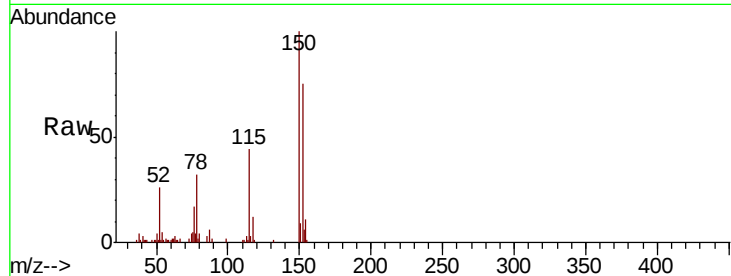


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	38439
Ion Ratio	Lower	Upper	
152	100		
150	132.5	113.6	170.4
115	58.4	45.9	68.9

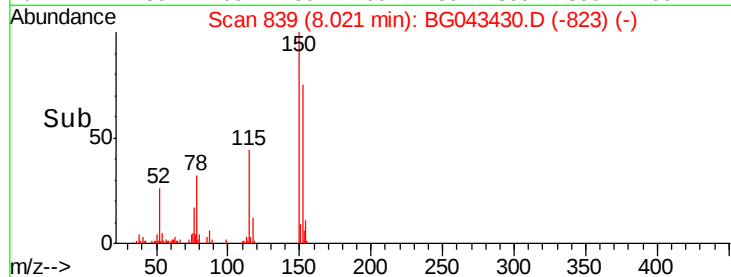
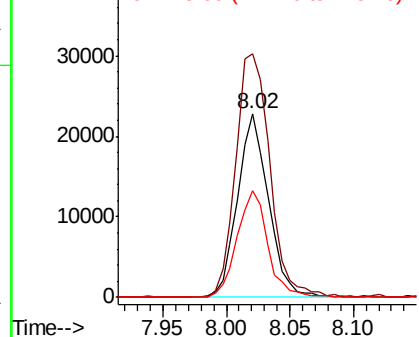


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

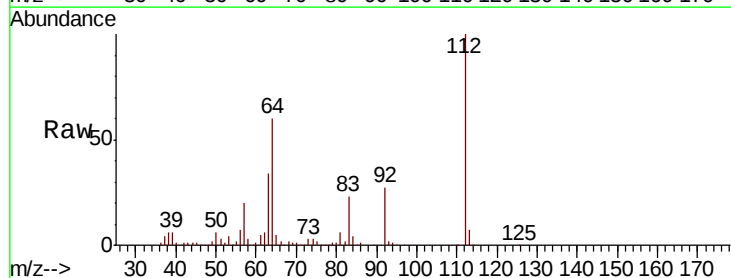
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.507 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

Tgt Ion	112	Resp	298934
Ion Ratio	Lower	Upper	
112	100		
64	60.1	50.2	75.2
63	33.9	26.7	40.1

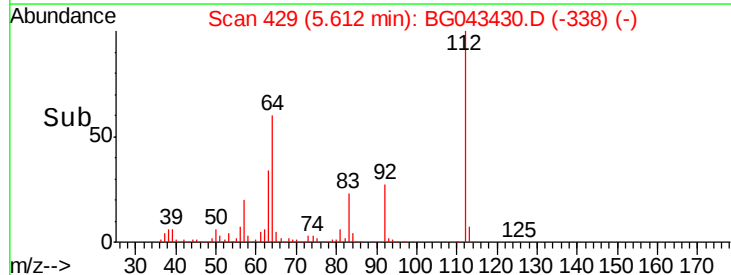
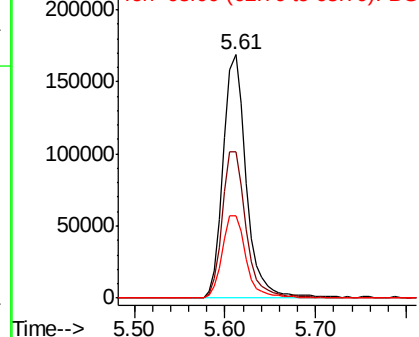


Abundance

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: 136.430 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

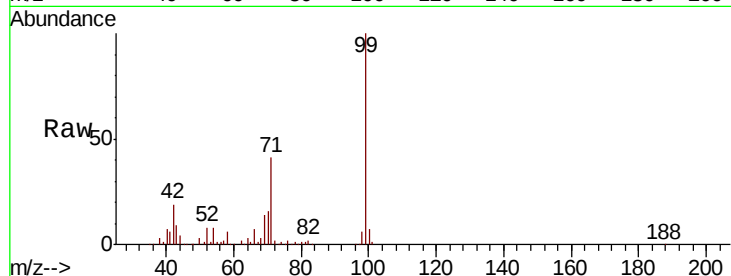
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 411757

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	41.1	32.2	48.2

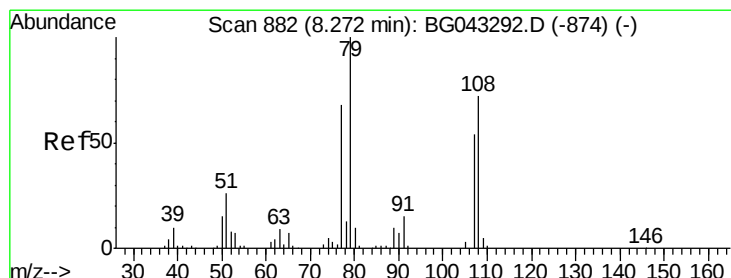
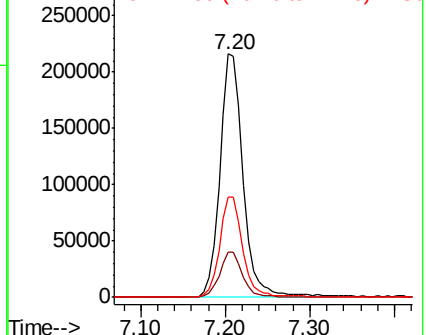
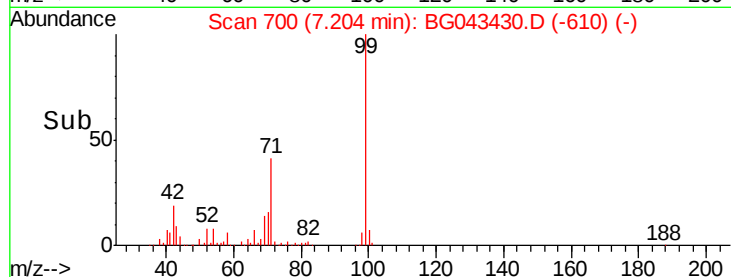


Abundance

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: 2.051 ng

RT: 8.34 min Scan# 894

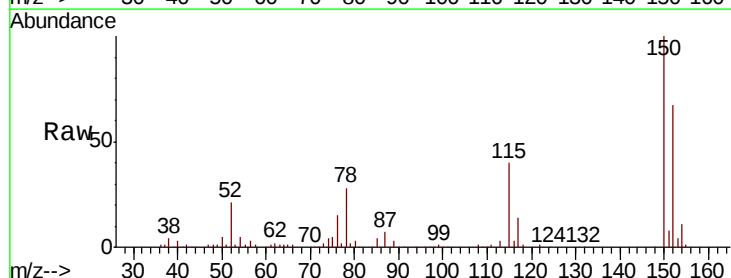
Delta R.T. 0.07 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

Tgt Ion: 79 Resp: 4348

Ion	Ratio	Lower	Upper
79	100		
108	35.8	57.3	85.9#
77	114.0	54.6	81.8#

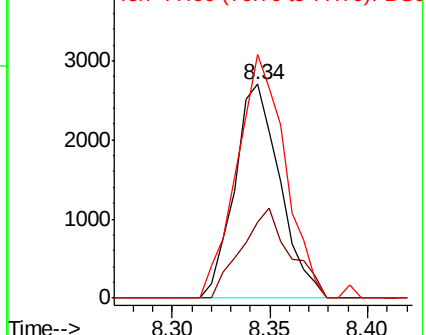
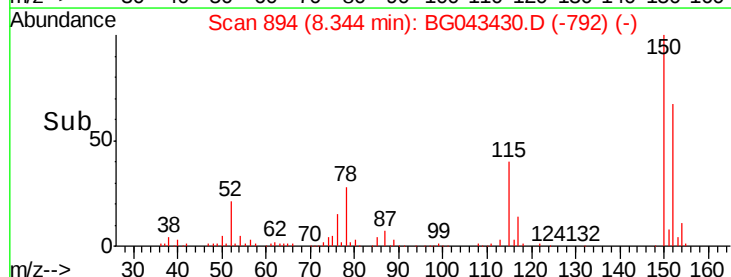


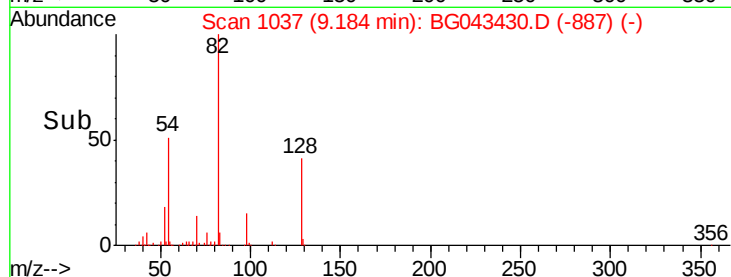
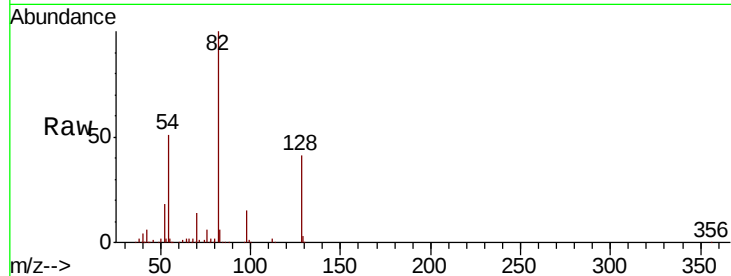
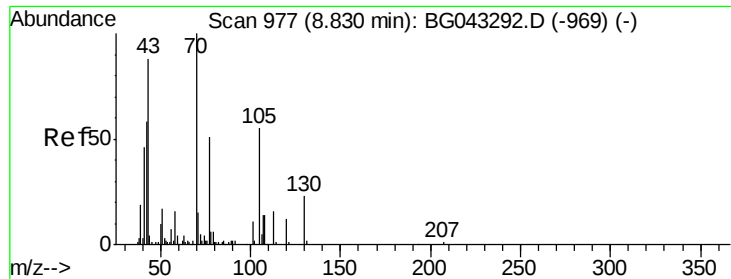
Abundance

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

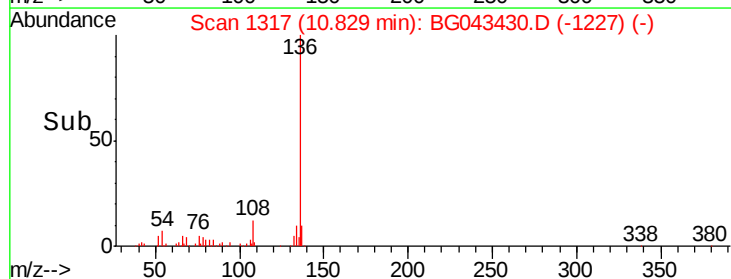
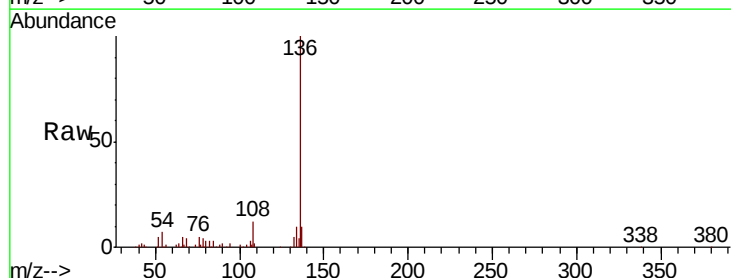
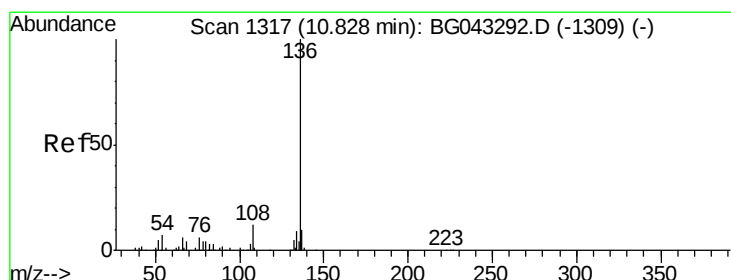
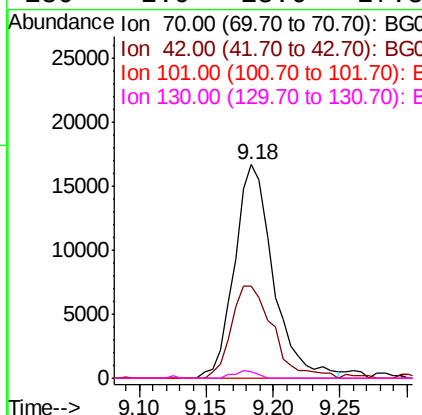




#19
n-Nitroso-di-n-propylamine
Concen: 17.292 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

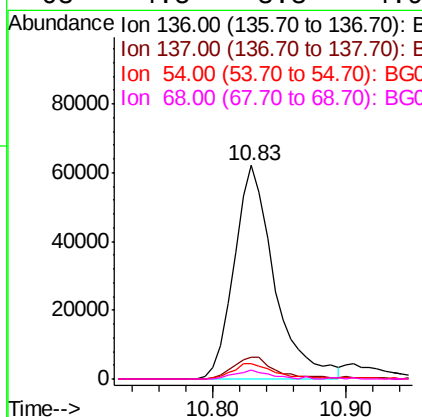
Instrument :
BNA_G
ClientSampleId :

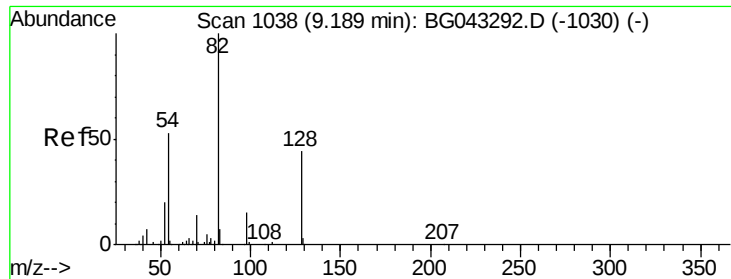
Tot Ion: 70 Resp: 33724
Ion Ratio Lower Upper
70 100
42 43.3 46.2 69.2#
101 0.0 8.6 13.0#
130 2.9 18.6 27.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

Tgt Ion: 136 Resp: 129684
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.5 5.4 8.2
68 4.5 3.3 4.9

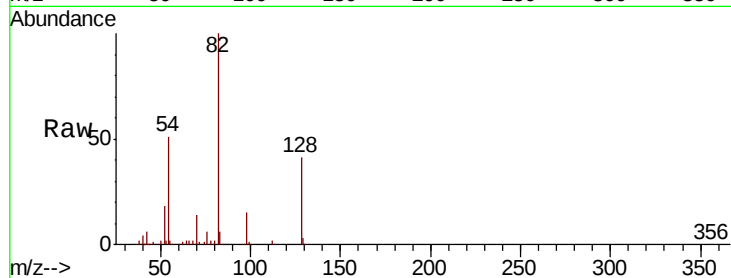




#23
Nitrobenzene-d5
Concen: 96.770 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	243422
Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.3	52.9
54	51.3	42.3	63.5

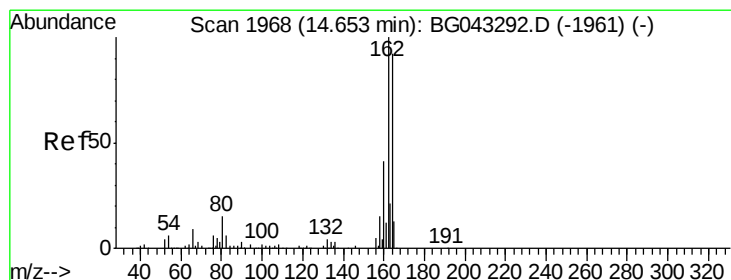
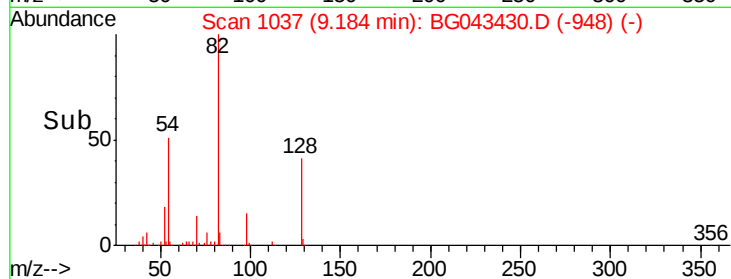
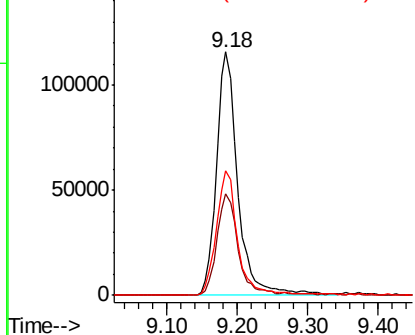


Abundance

Ion 82.00 (81.70 to 82.70): BG043430.D (-948) (-)

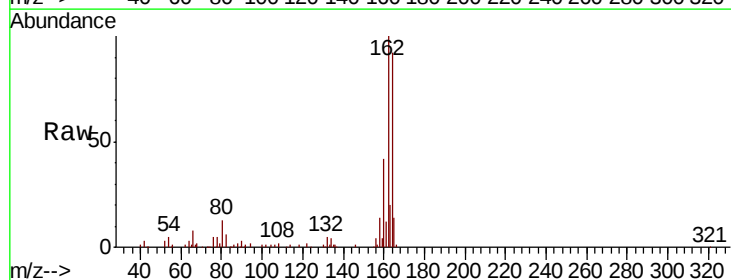
Ion 128.00 (127.70 to 128.70): BG043430.D (-948) (-)

Ion 54.00 (53.70 to 54.70): BG043430.D (-948) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

Tgt Ion	164	Resp	104127
Ion	Ratio	Lower	Upper
164	100		
162	108.2	87.0	130.4
160	45.3	35.5	53.3

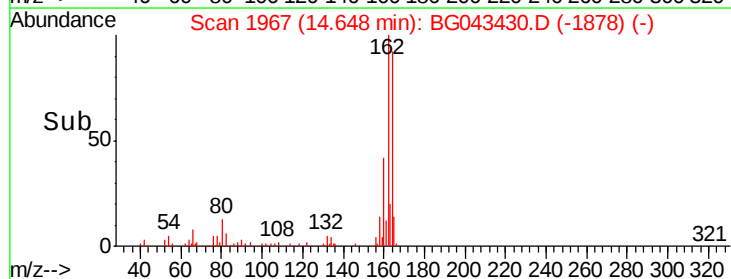
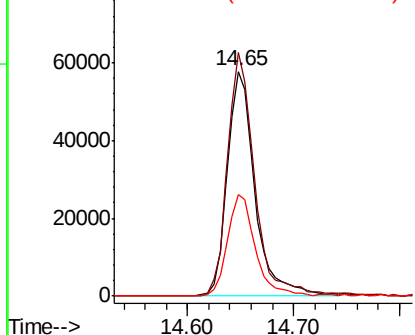


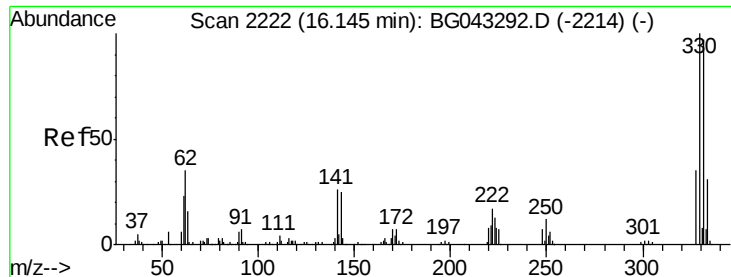
Abundance

Ion 164.00 (163.70 to 164.70): BG043430.D (-1878) (-)

Ion 162.00 (161.70 to 162.70): BG043430.D (-1878) (-)

Ion 160.00 (159.70 to 160.70): BG043430.D (-1878) (-)

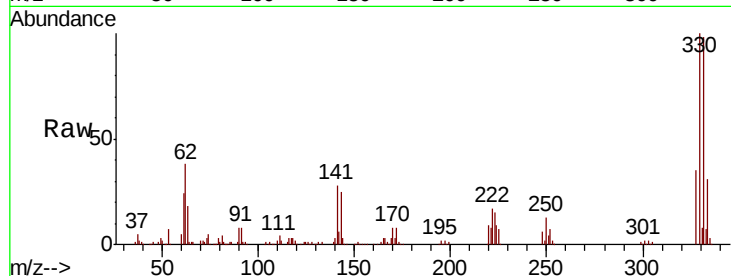




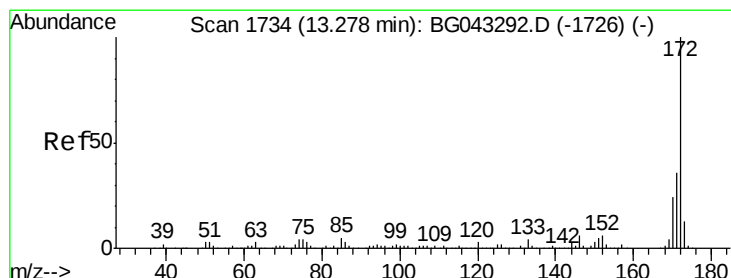
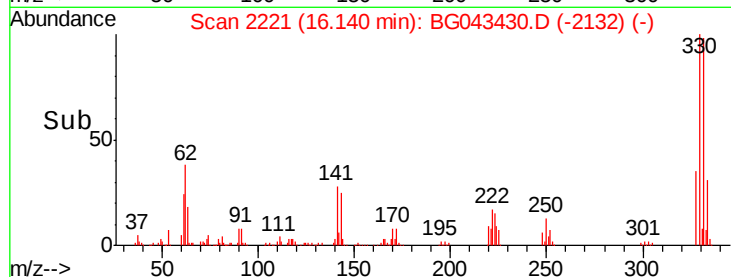
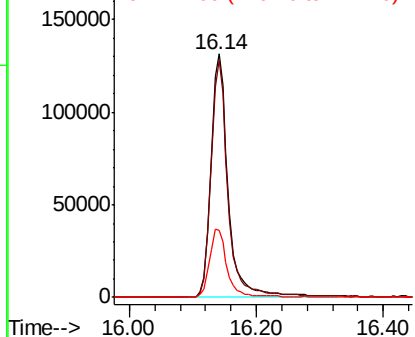
#42
 2,4,6-Tribromophenol
 Concen: 127.992 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	27.8	21.4	32.0

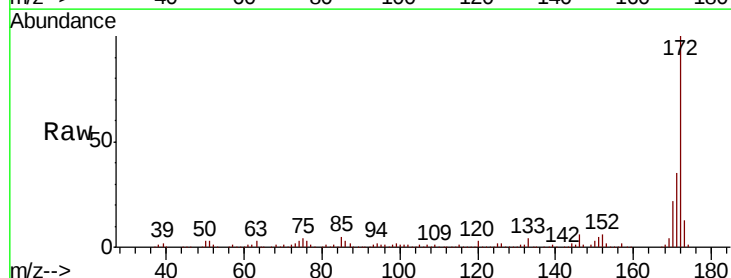


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

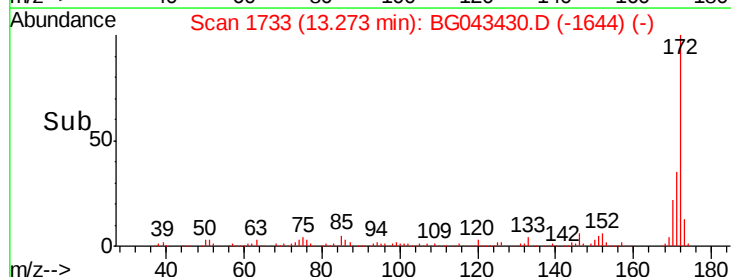
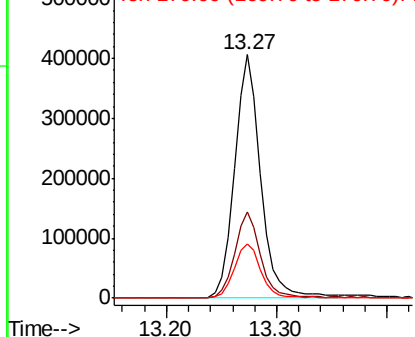


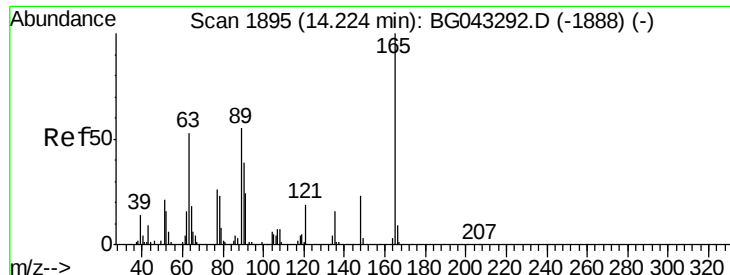
#45
 2-Fluorobiphenyl
 Concen: 89.292 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.5	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

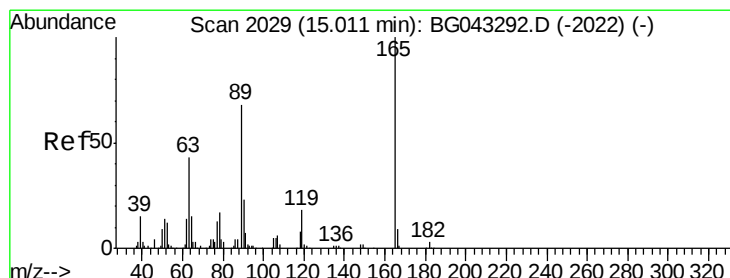
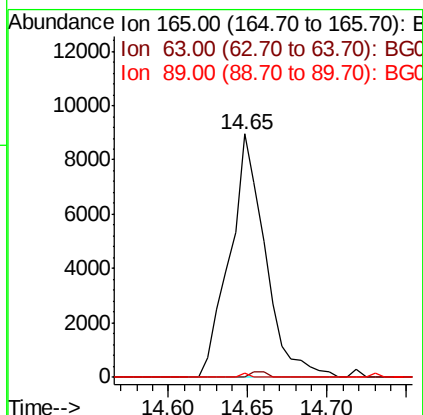
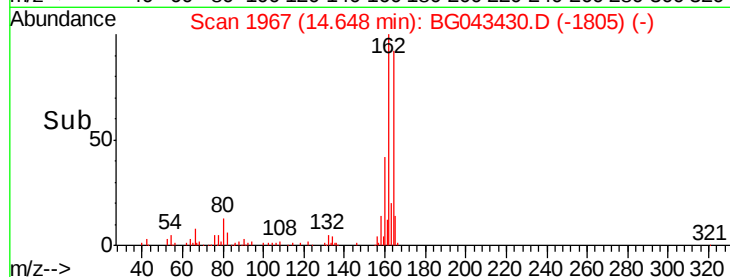
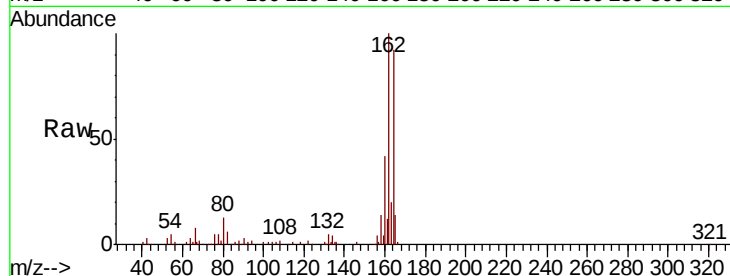




#51
 2,6-Dinitrotoluene
 Concen: 7.944 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.42 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

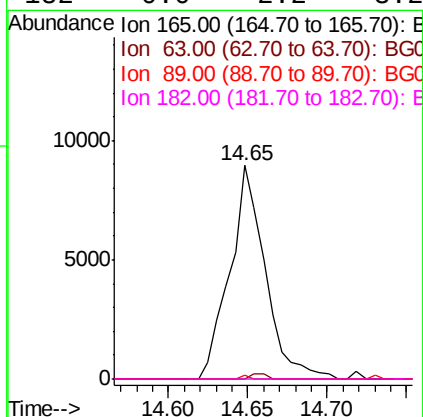
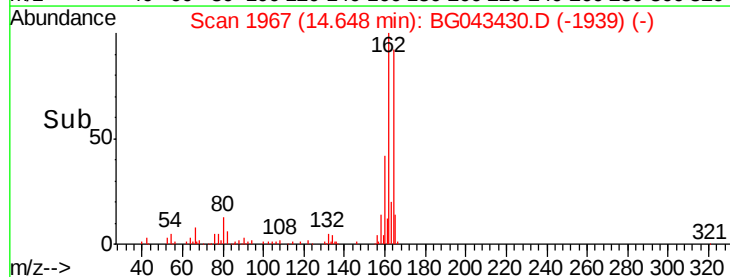
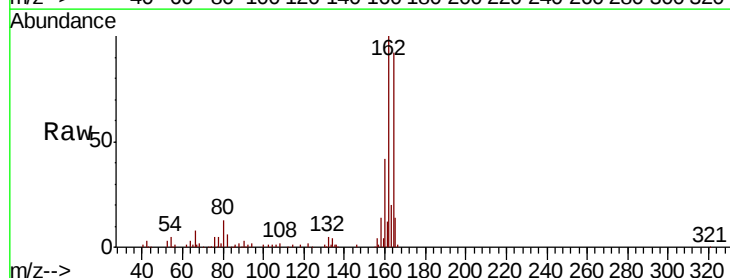
Instrument :
 BNA_G
 ClientSampleId :

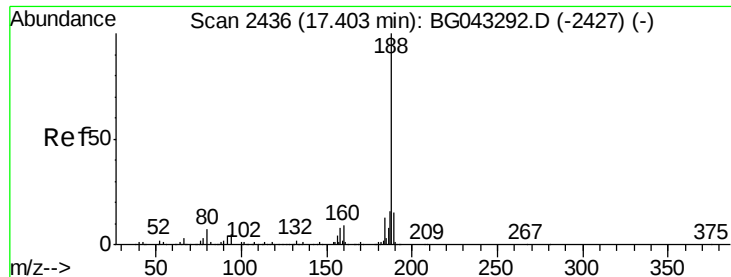
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	1.7	43.7	65.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.559 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	1.7	54.1	81.1#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

Instrument :

BNA_G

ClientSampleId :

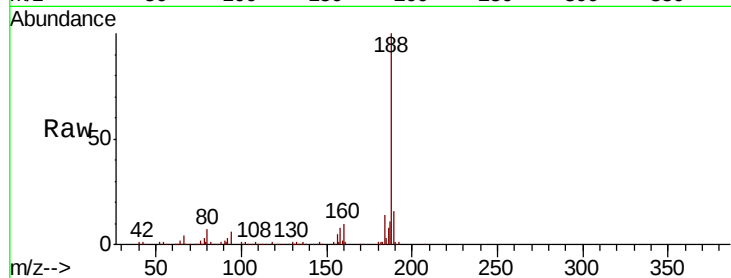
Tot Ion:188 Resp: 255011

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.2#

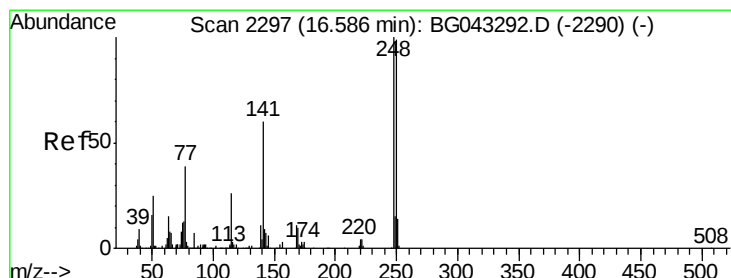
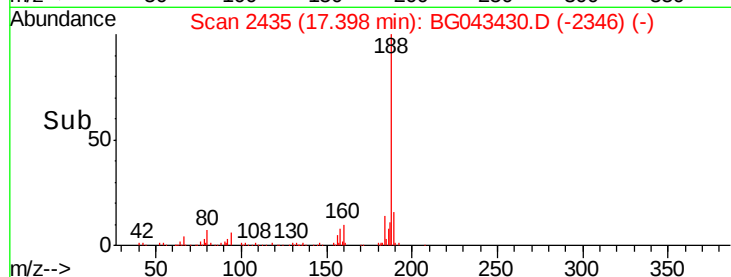
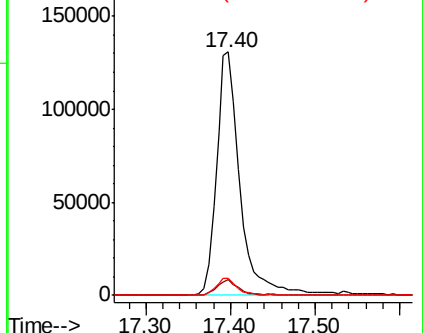
80 7.0 5.2 7.8



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: 4.429 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.45 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

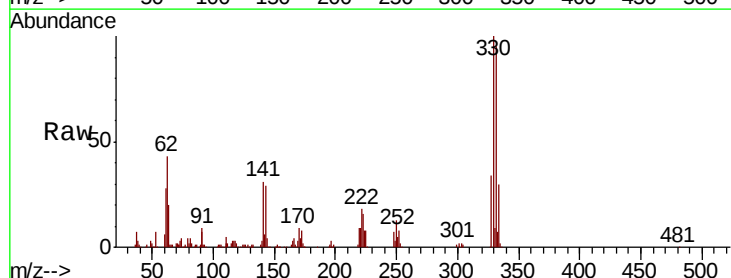
Tgt Ion:248 Resp: 15200

Ion Ratio Lower Upper

248 100

250 174.3 79.3 118.9#

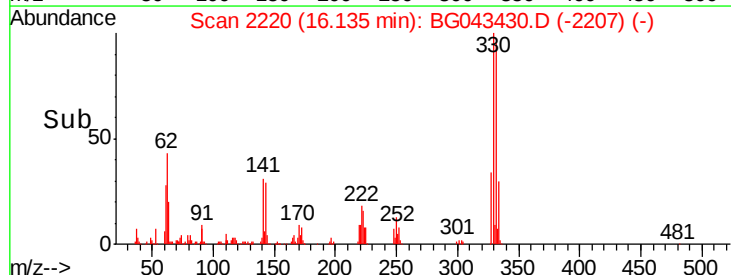
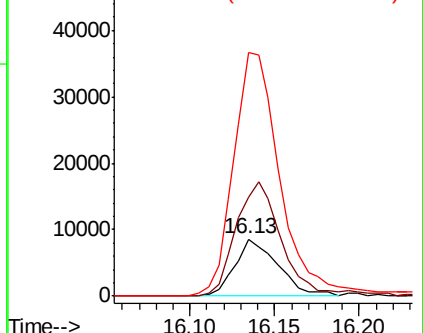
141 428.2 47.9 71.9#

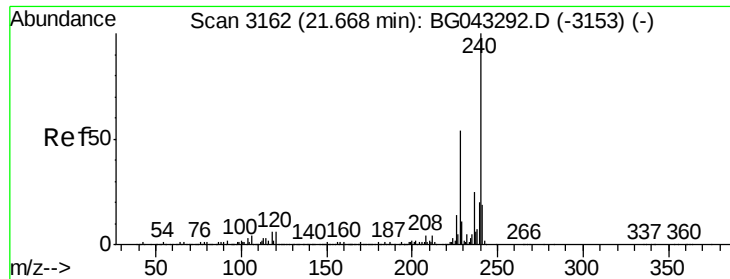


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

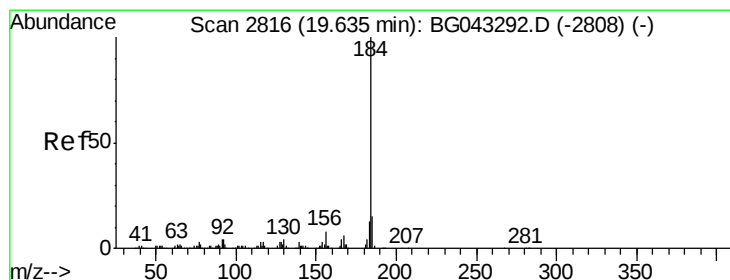
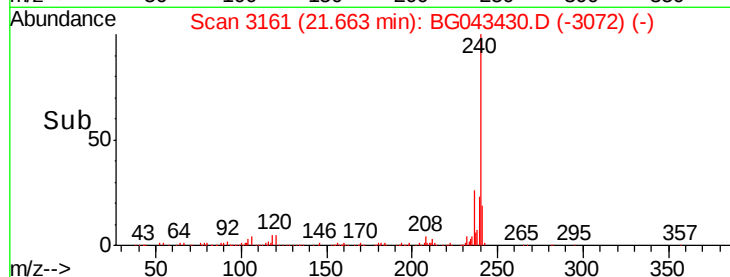
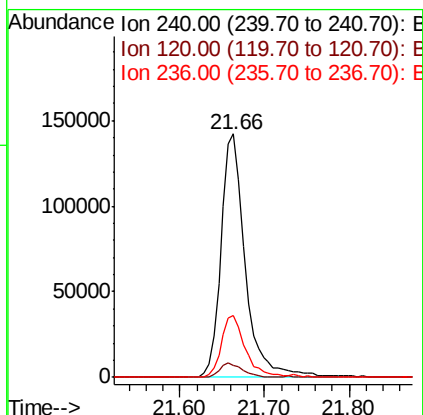
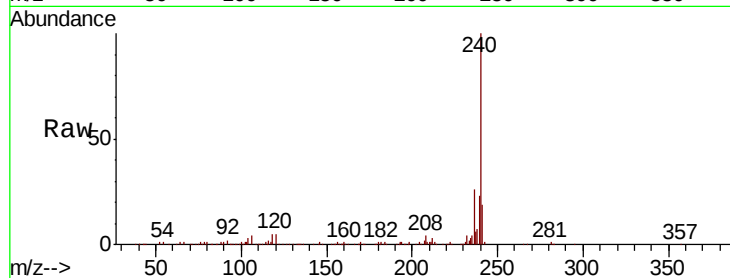




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

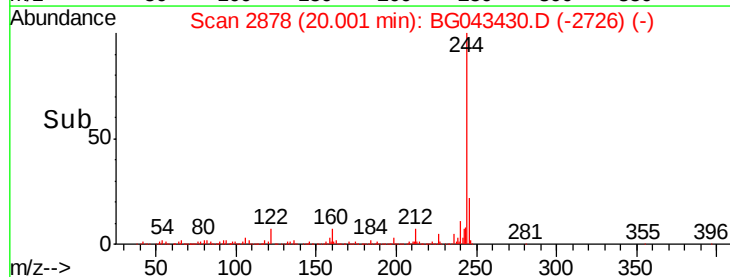
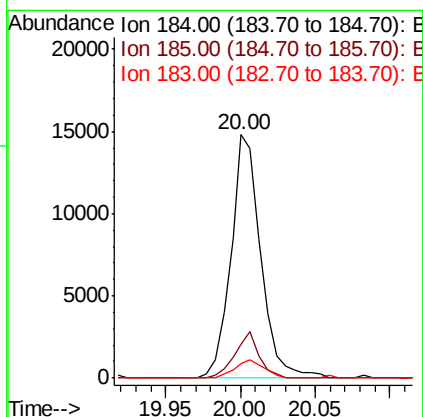
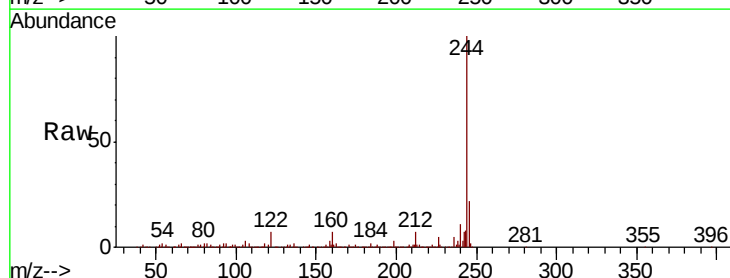
Instrument :
 BNA_G
 ClientSampleId :

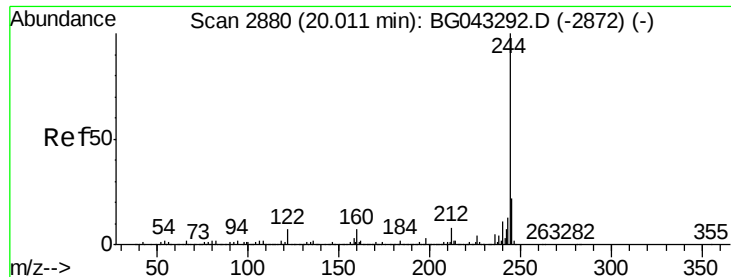
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	7.0
236	25.6	20.2	30.4



#77
 Benzidine
 Concen: 3.624 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.37 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.8	17.6
183	6.0	10.6	16.0#





#79

Terphenyl-d14

Concen: 93.820 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

Instrument :

BNA_G

ClientSampleId :

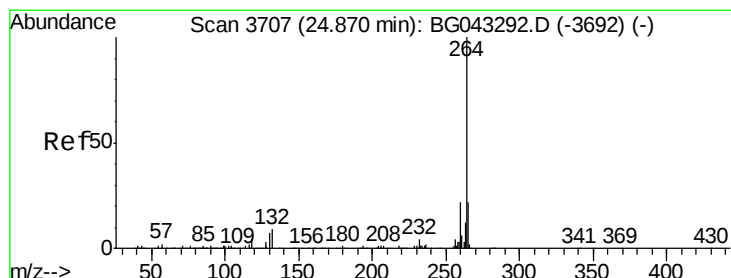
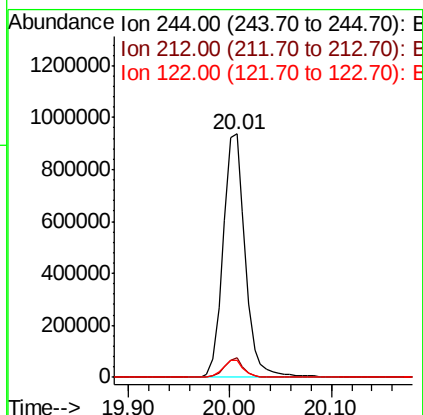
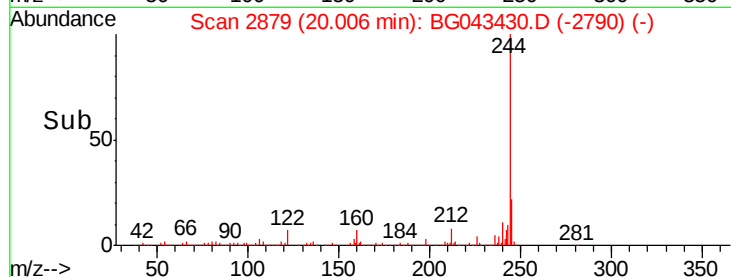
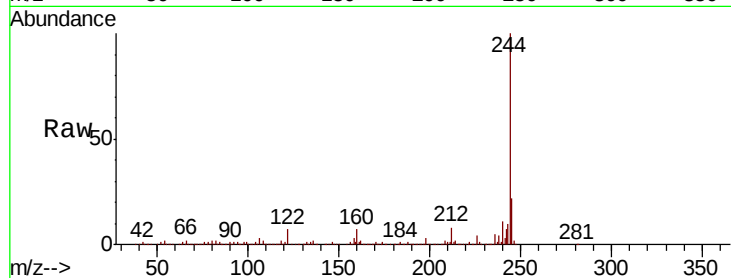
Tot Ion:244 Resp: 1414902

Ion Ratio Lower Upper

244 100

212 7.8 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: BG043430.D

Acq: 31 Oct 2019 11:29

Tgt Ion:264 Resp: 329040

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

265 20.6 17.4 26.2

