

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043488.D
 Acq On : 4 Nov 2019 19:45
 Operator : JU
 Sample : K5658-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 00:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

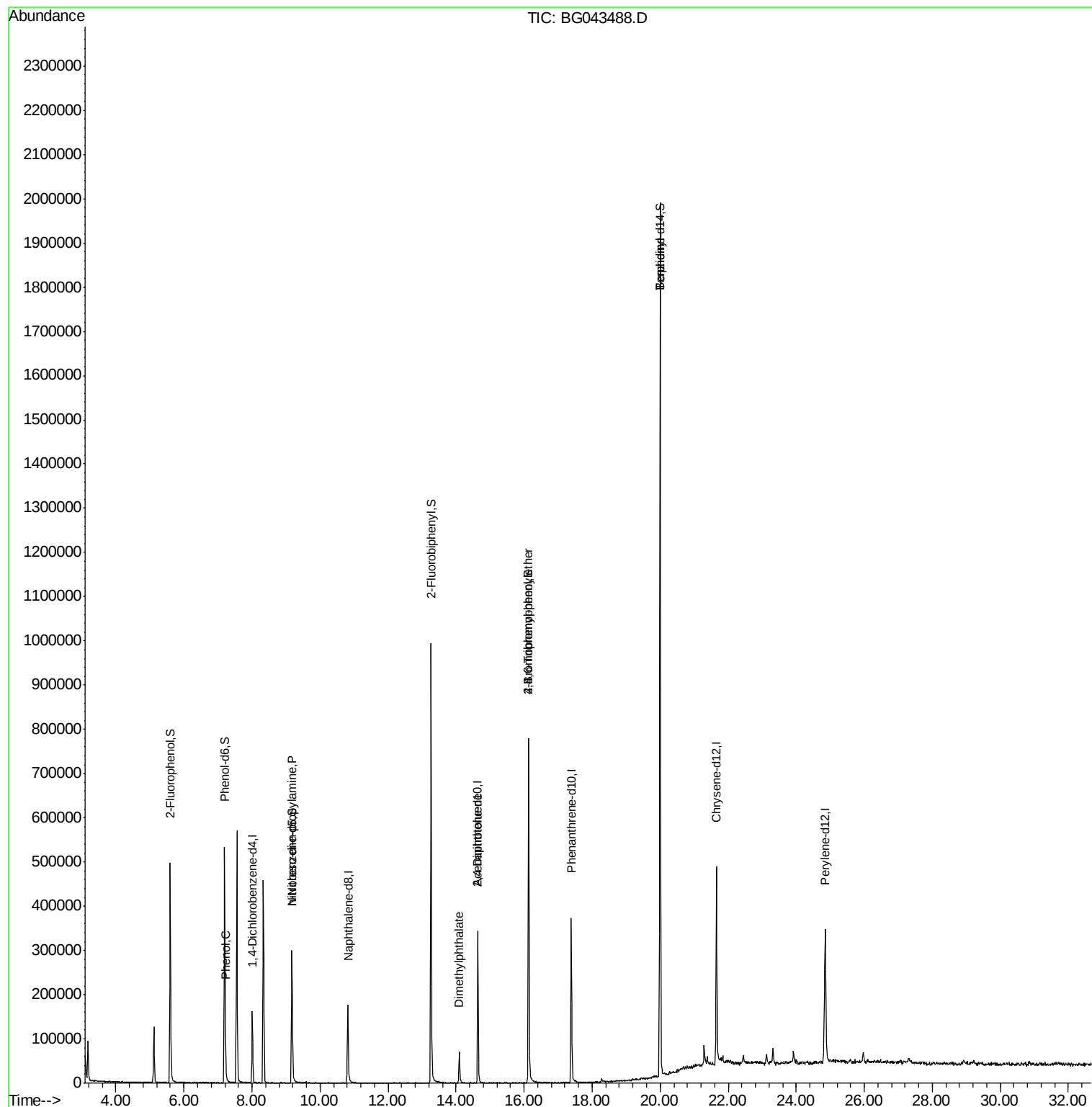
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	49238	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	176879	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	127474	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	287548	20.00	ng	0.00
76) Chrysene-d12	21.65	240	300197	20.00	ng	0.00
87) Perylene-d12	24.85	264	354130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	243074	90.46	ng	0.00
7) Phenol-d6	7.19	99	346732	89.69	ng	0.00
23) Nitrobenzene-d5	9.17	82	212497	61.94	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	199136	82.09	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	585420	63.46	ng	0.00
79) Terphenyl-d14	20.00	244	1043264	65.20	ng	0.00
Target Compounds						
10) Phenol	7.22	94	12366	3.500	ng	88
19) n-Nitroso-di-n-propylamine	9.17	70	29586	11.843	ng	# 77
50) Dimethylphthalate	14.09	163	57301	5.803	ng	99
57) 2,4-Dinitrotoluene	14.64	165	17571	5.732	ng	# 27
67) 4-Bromophenyl-phenylether	16.13	248	11630	3.005	ng	# 1
77) Benzidine	20.00	184	14711	2.435	ng	# 91

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

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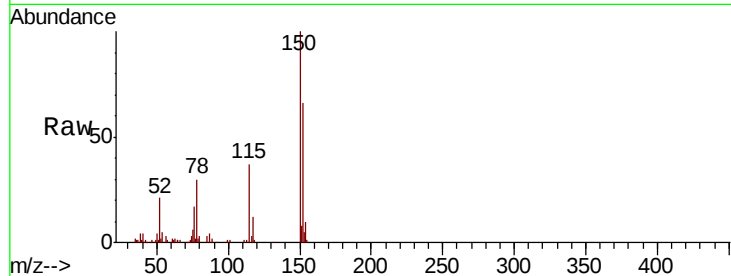


#1

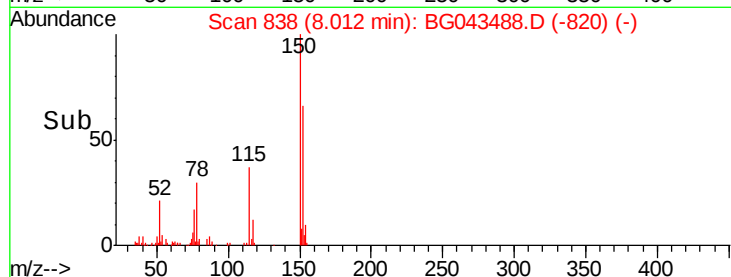
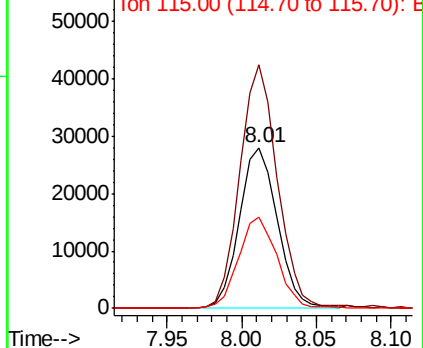
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49238
Ion Ratio Lower Upper
152 100
150 151.4 129.4 194.0
115 56.7 48.8 73.2



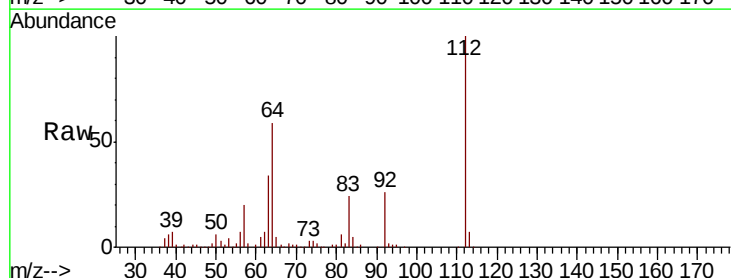
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



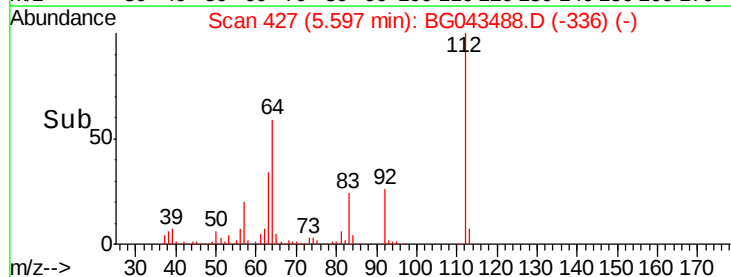
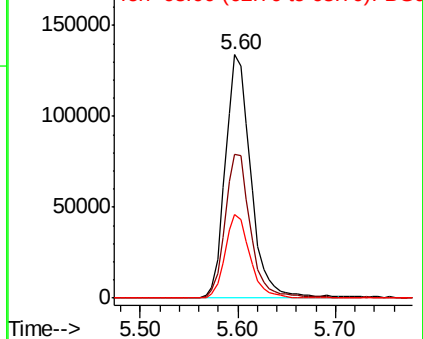
#5

2-Fluorophenol
Concen: 90.463 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

Tgt Ion:112 Resp: 243074
Ion Ratio Lower Upper
112 100
64 59.3 50.0 75.0
63 34.5 26.6 40.0



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: 89.688 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043488.D

Acq: 4 Nov 2019 19:45

Instrument :

BNA_G

ClientSampled :

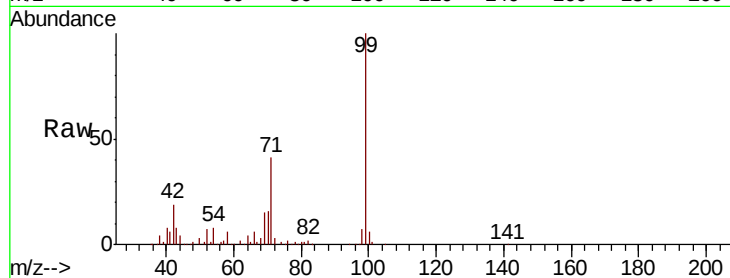
Tot Ion: 99 Resp: 346732

Ion Ratio Lower Upper

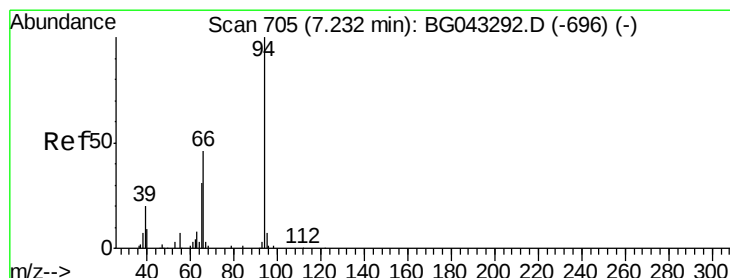
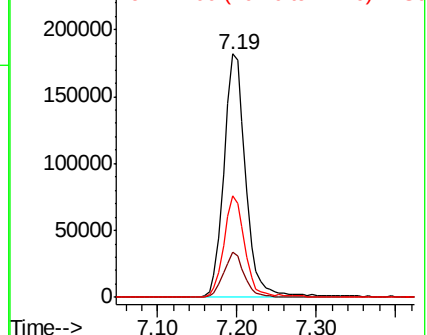
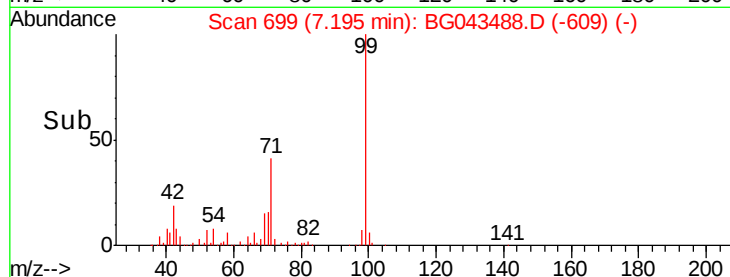
99 100

42 18.8 14.6 21.8

71 41.4 32.5 48.7



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: 3.500 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043488.D

Acq: 4 Nov 2019 19:45

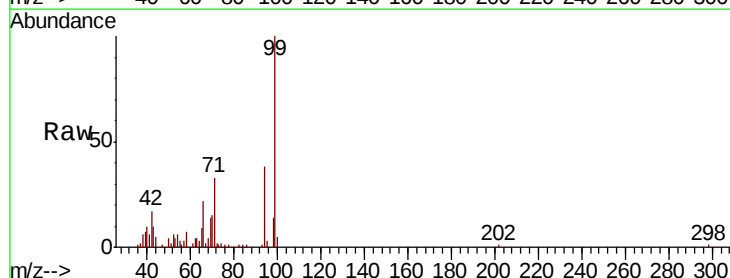
Tgt Ion: 94 Resp: 12366

Ion Ratio Lower Upper

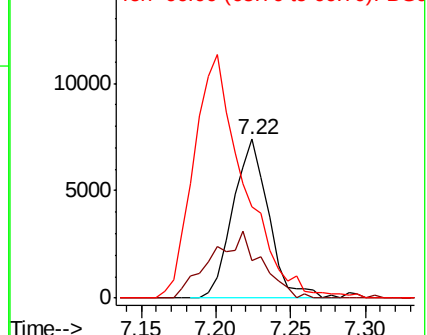
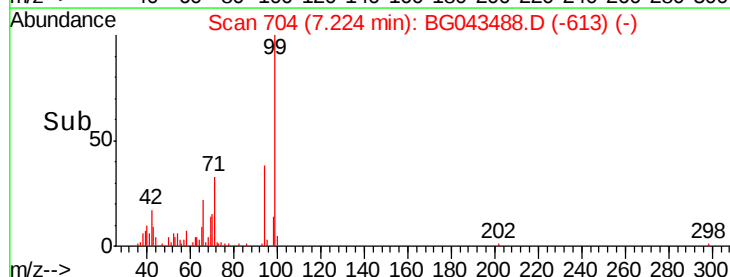
94 100

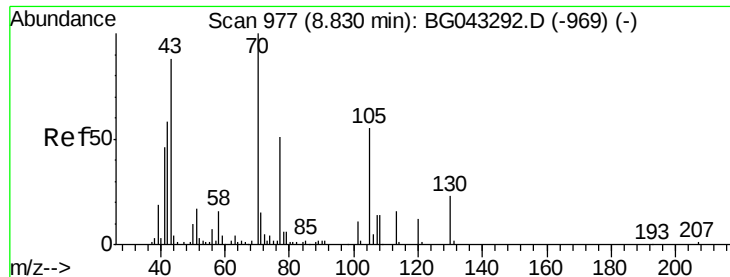
65 23.9 12.6 52.6

66 57.2 30.7 70.7



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

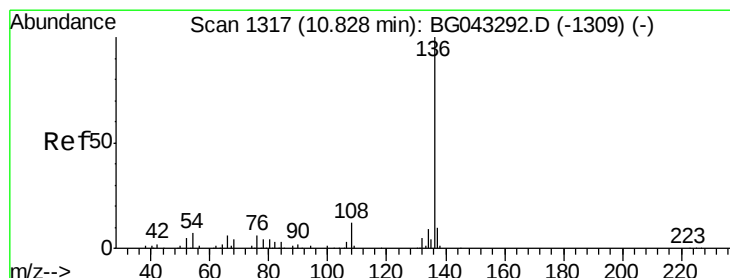
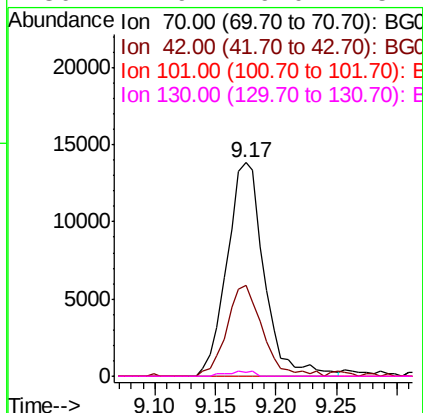
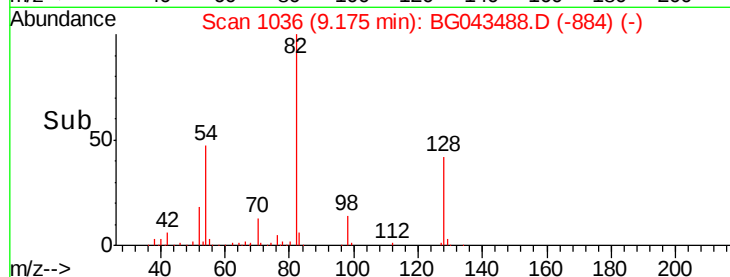
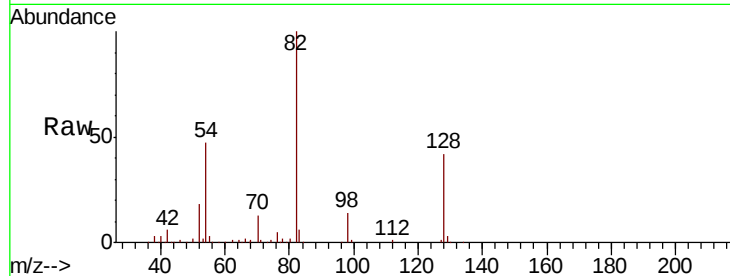




#19
n-Nitroso-di-n-propylamine
Concen: 11.843 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.36 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

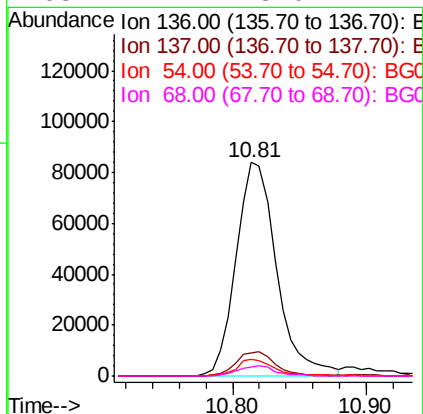
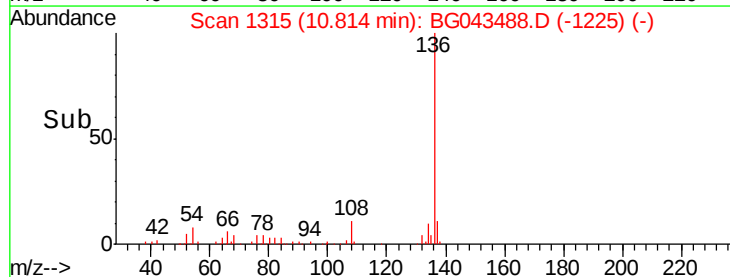
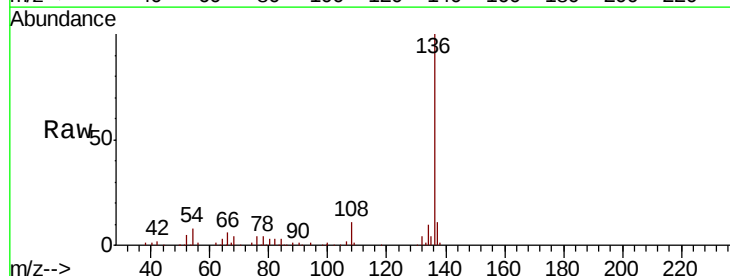
Instrument :
BNA_G
ClientSampleId :

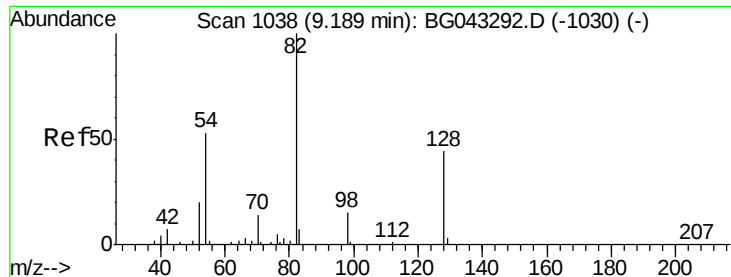
Tot Ion: 70 Resp: 29586
Ion Ratio Lower Upper
70 100
42 42.5 41.4 62.2
101 0.0 7.9 11.9#
130 1.9 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

Tgt Ion: 136 Resp: 176879
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 5.4 8.2
68 4.2 3.0 4.4

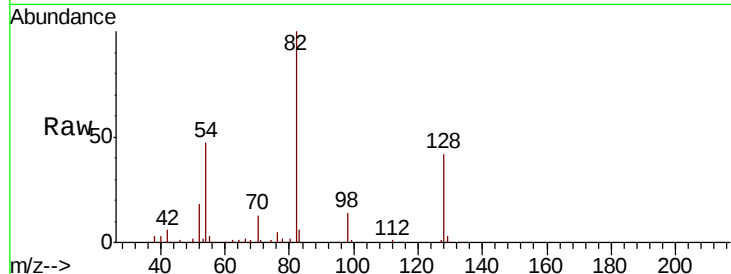




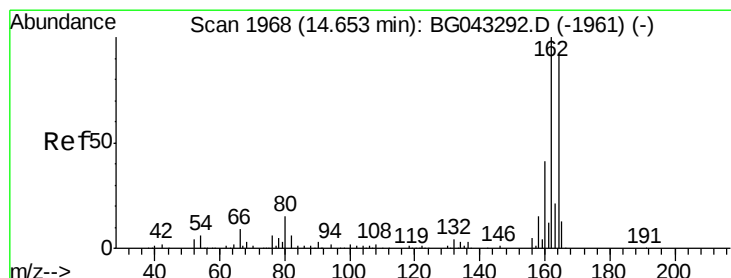
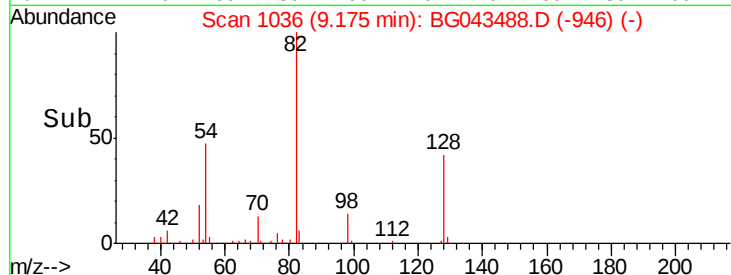
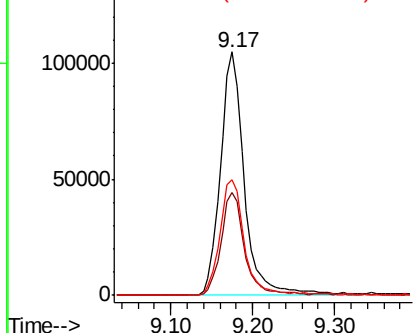
#23
Nitrobenzene-d5
Concen: 61.936 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	212497
Ion Ratio	100	Lower	Upper
128	42.0	35.0	52.6
54	47.3	40.2	60.2

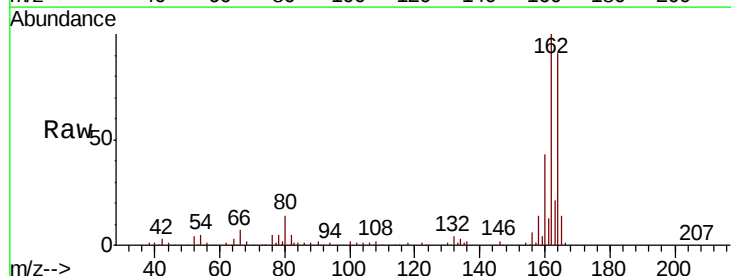


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

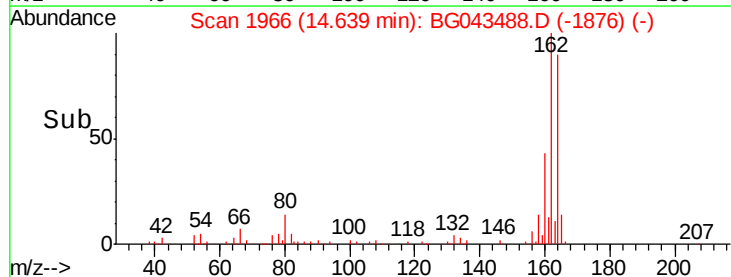
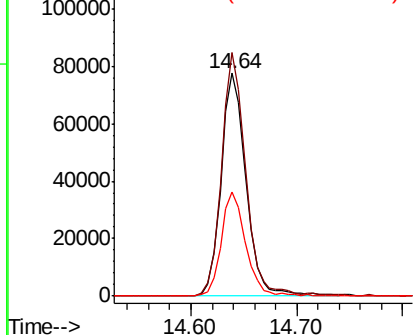


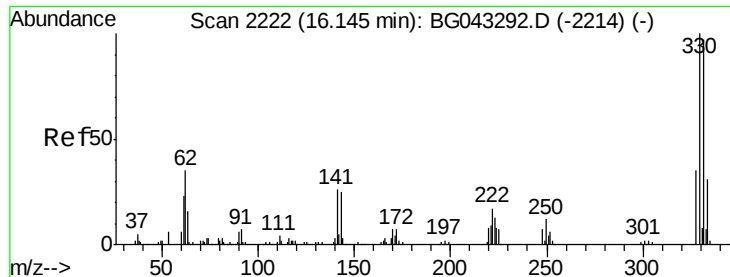
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

Tgt Ion	164	Resp	127474
Ion Ratio	100	Lower	Upper
162	109.3	83.5	125.3
160	46.8	36.5	54.7



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

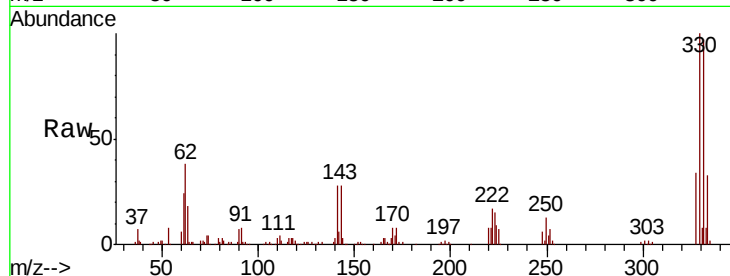




#42
 2,4,6-Tribromophenol
 Concen: 82.090 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043488.D
 Acq: 4 Nov 2019 19:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.0
141	27.8	22.8	34.2

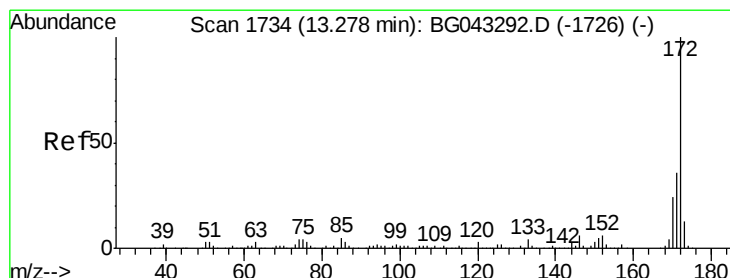
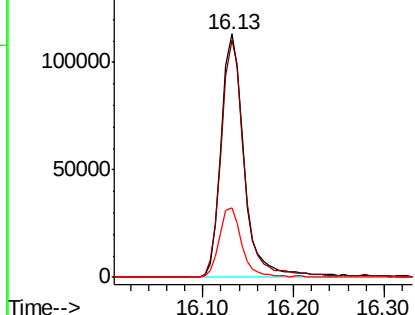
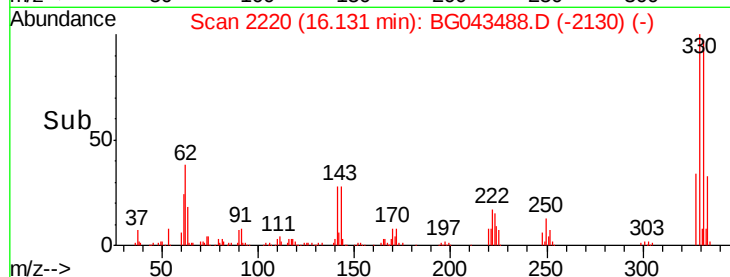


Abundance

Ion 329.80 (329.50 to 330.50): E

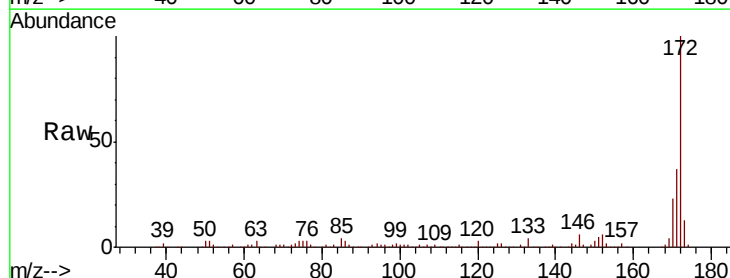
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 63.459 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043488.D
 Acq: 4 Nov 2019 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	23.1	18.5	27.7

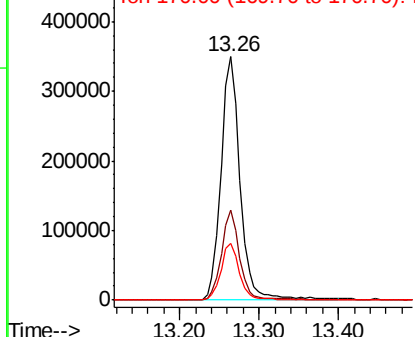
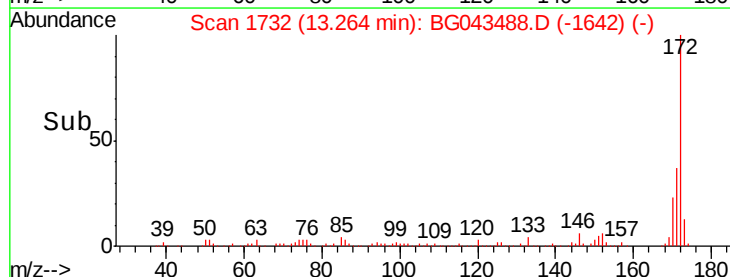


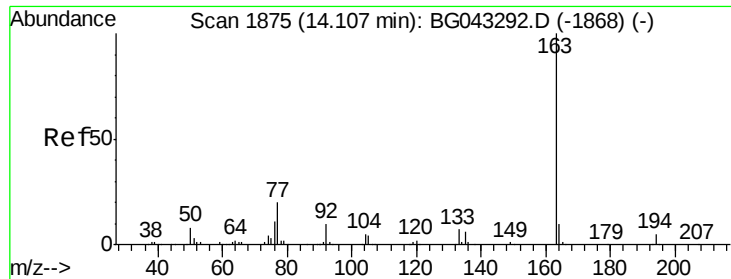
Abundance

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

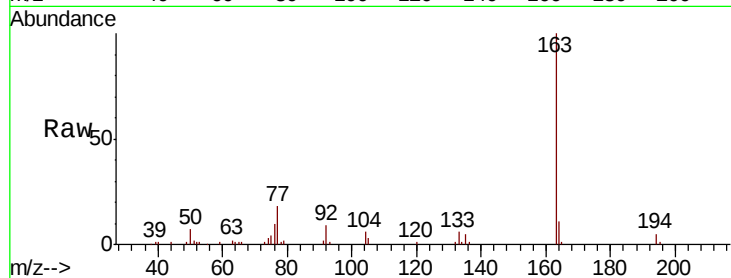




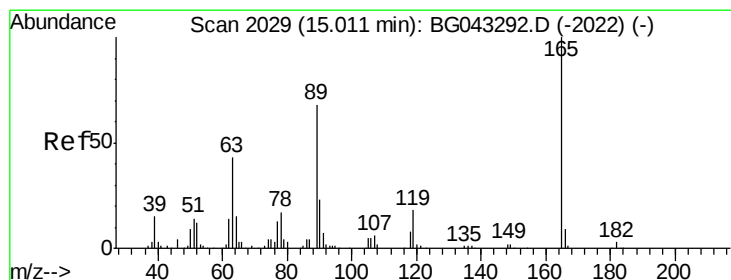
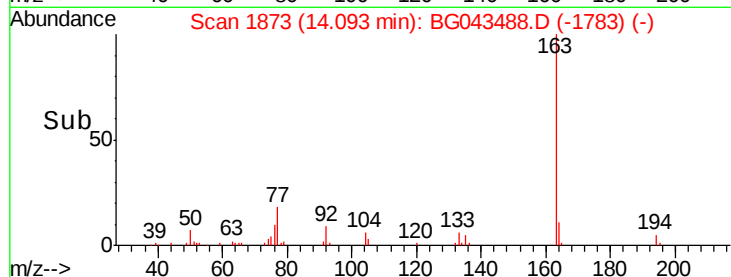
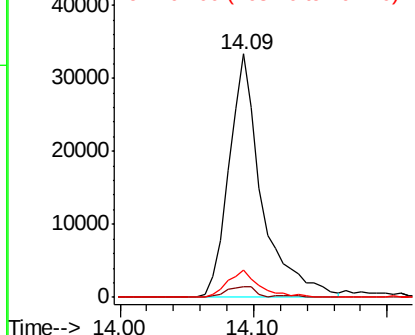
#50
Dimethylphthalate
Concen: 5.803 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 57301
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 11.4 8.9 13.3

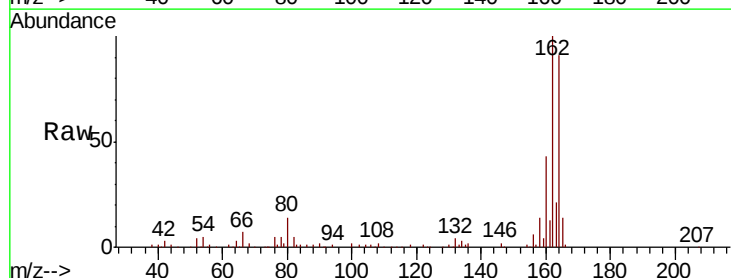


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

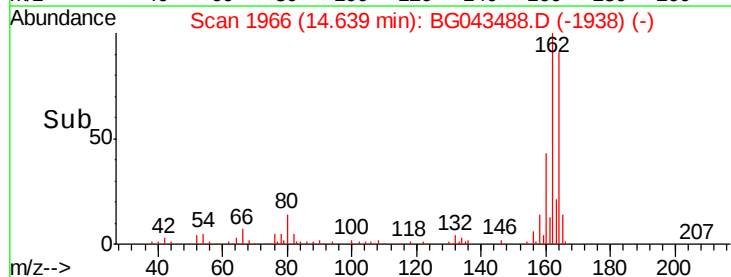
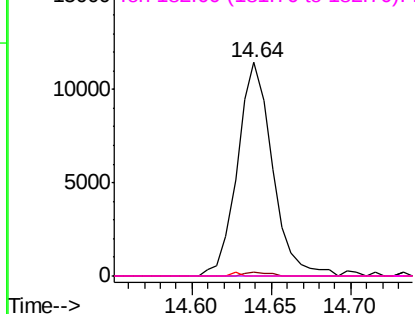


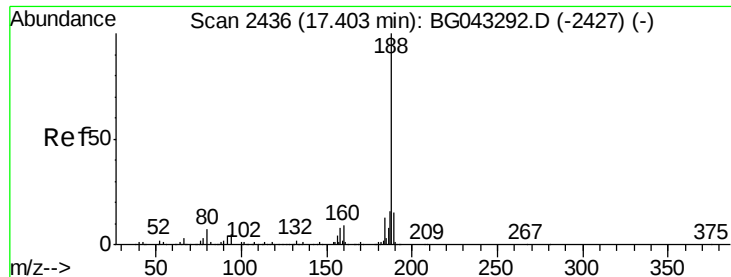
#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.37 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

Tgt Ion:165 Resp: 17571
Ion Ratio Lower Upper
165 100
63 1.8 33.2 49.8#
89 0.0 52.2 78.4#
182 0.0 2.0 3.0#



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# 2434

Delta R.T. -0.00 min

Lab File: BG043488.D

Acq: 4 Nov 2019 19:45

Instrument :

BNA_G

ClientSampleId :

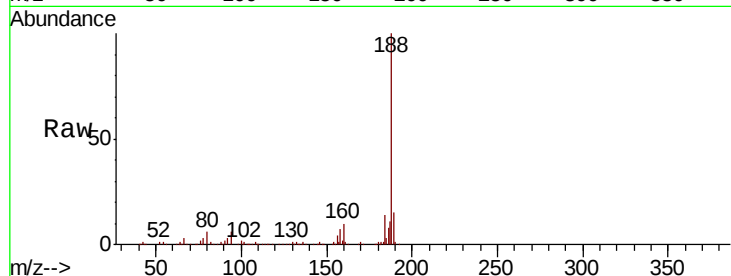
Tot Ion:188 Resp: 287548

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

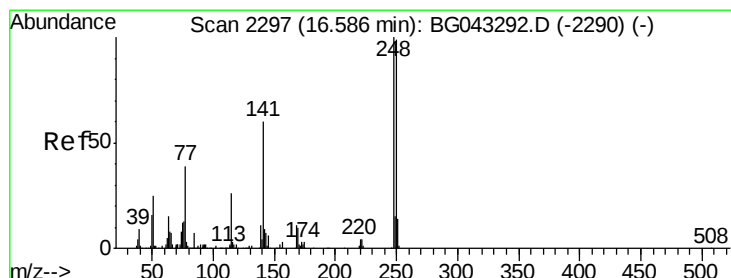
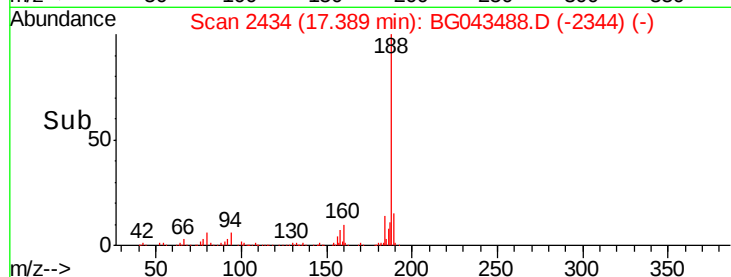
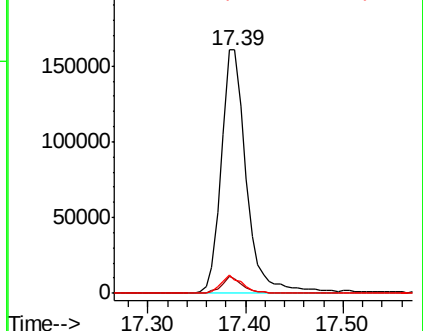
80 5.5 4.5 6.7



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: 3.005 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.44 min

Lab File: BG043488.D

Acq: 4 Nov 2019 19:45

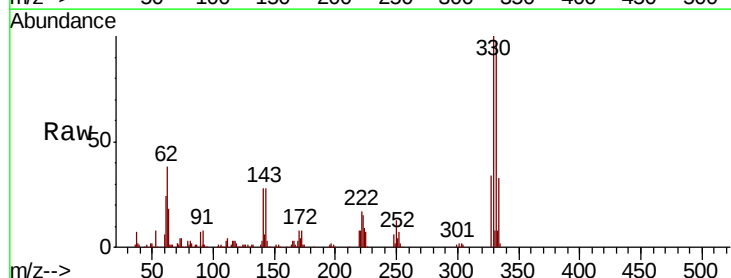
Tgt Ion:248 Resp: 11630

Ion Ratio Lower Upper

248 100

250 201.1 77.0 115.4#

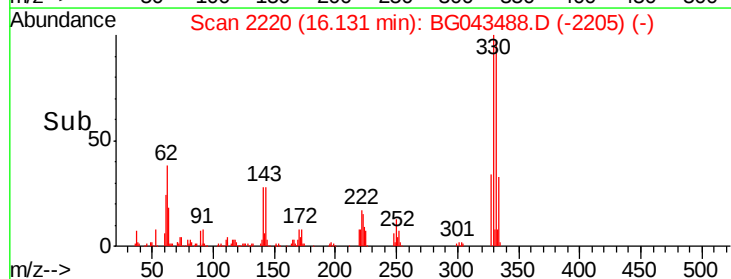
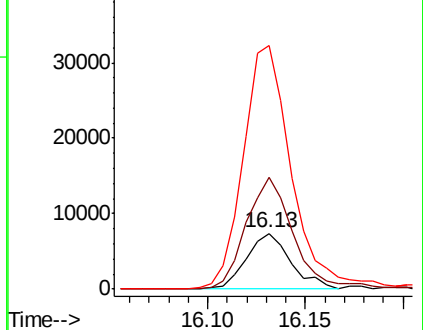
141 438.8 47.5 71.3#

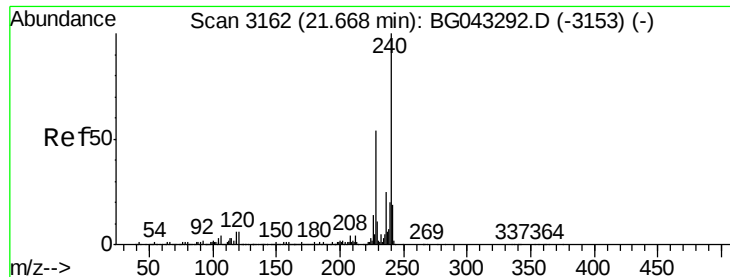


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

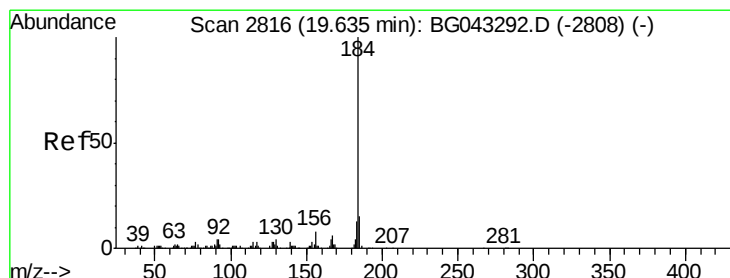
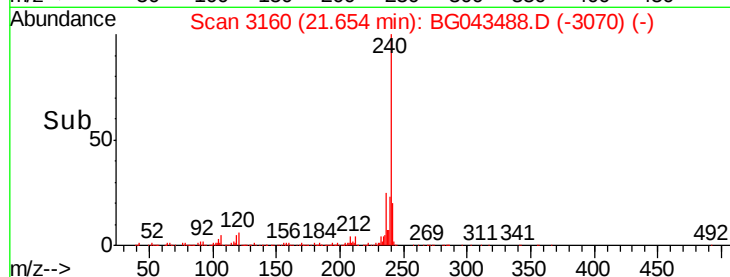
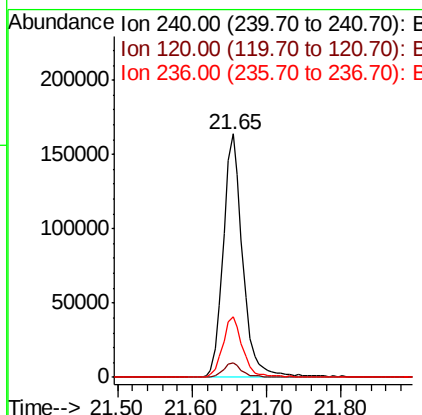
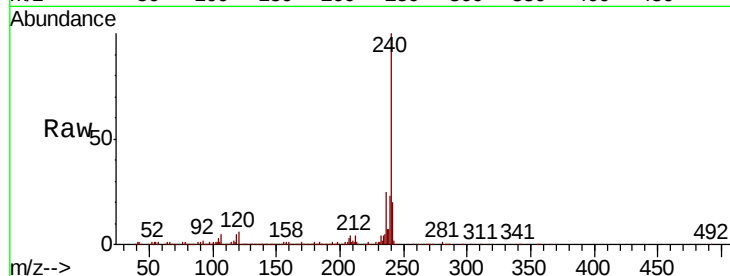




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

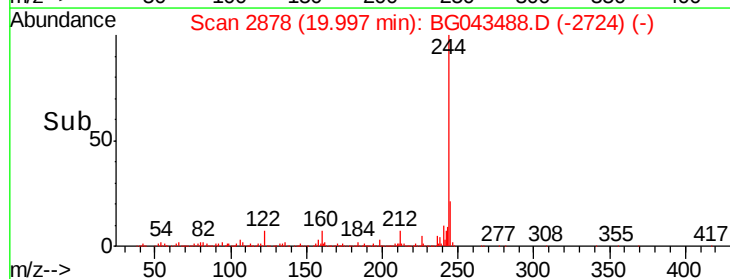
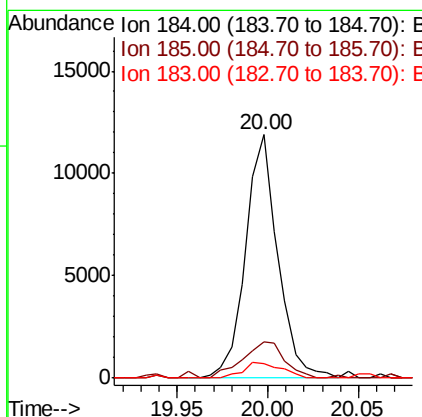
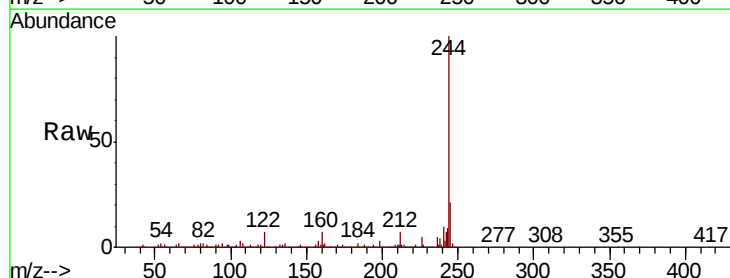
Instrument :
BNA_G
ClientSampleId :

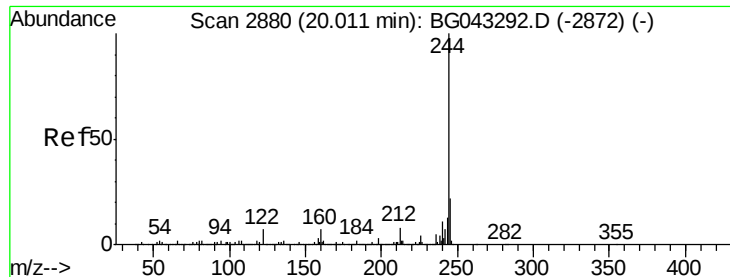
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	6.8
236	25.1	19.8	29.8



#77
Benzidine
Concen: 2.435 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.37 min
Lab File: BG043488.D
Acq: 4 Nov 2019 19:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.0	16.4
183	6.1	10.0	15.0#





#79

Terphenyl-d14

Concen: 65.198 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043488.D

Acq: 4 Nov 2019 19:45

Instrument :

BNA_G

ClientSampleId :

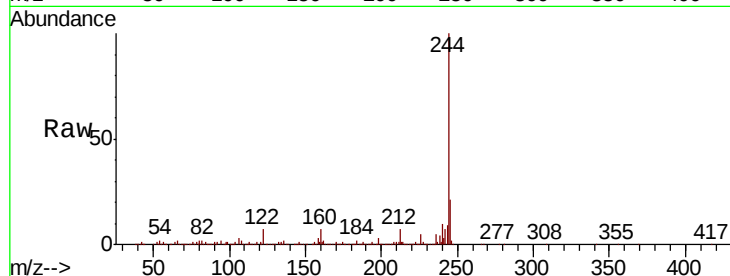
Tot Ion:244 Resp: 1043264

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

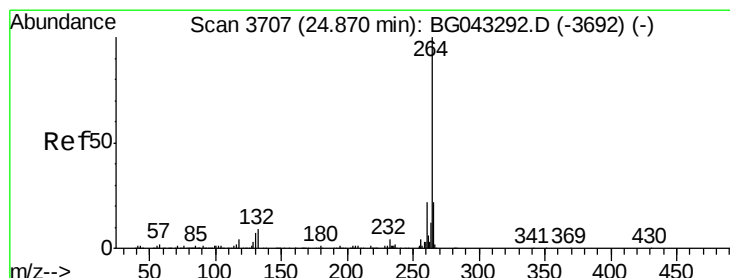
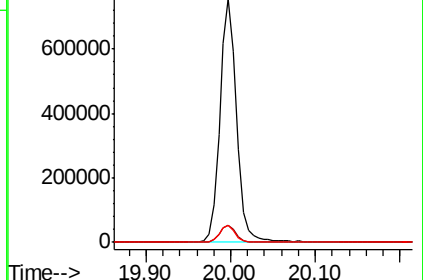
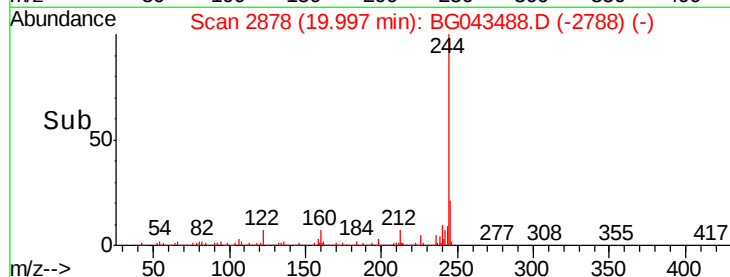
122 7.1 5.4 8.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043488.D

Acq: 4 Nov 2019 19:45

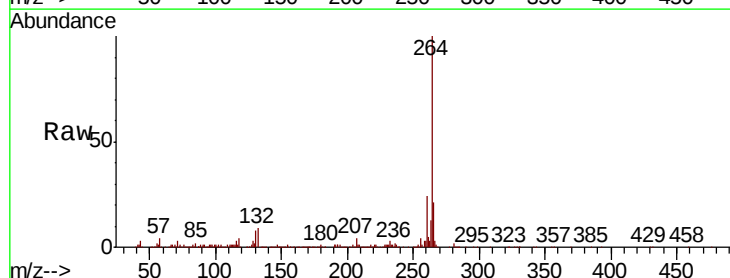
Tgt Ion:264 Resp: 354130

Ion Ratio Lower Upper

264 100

260 23.7 17.5 26.3

265 21.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

