

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043486.D
 Acq On : 4 Nov 2019 18:29
 Operator : JU
 Sample : K5628-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 00:56:28 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

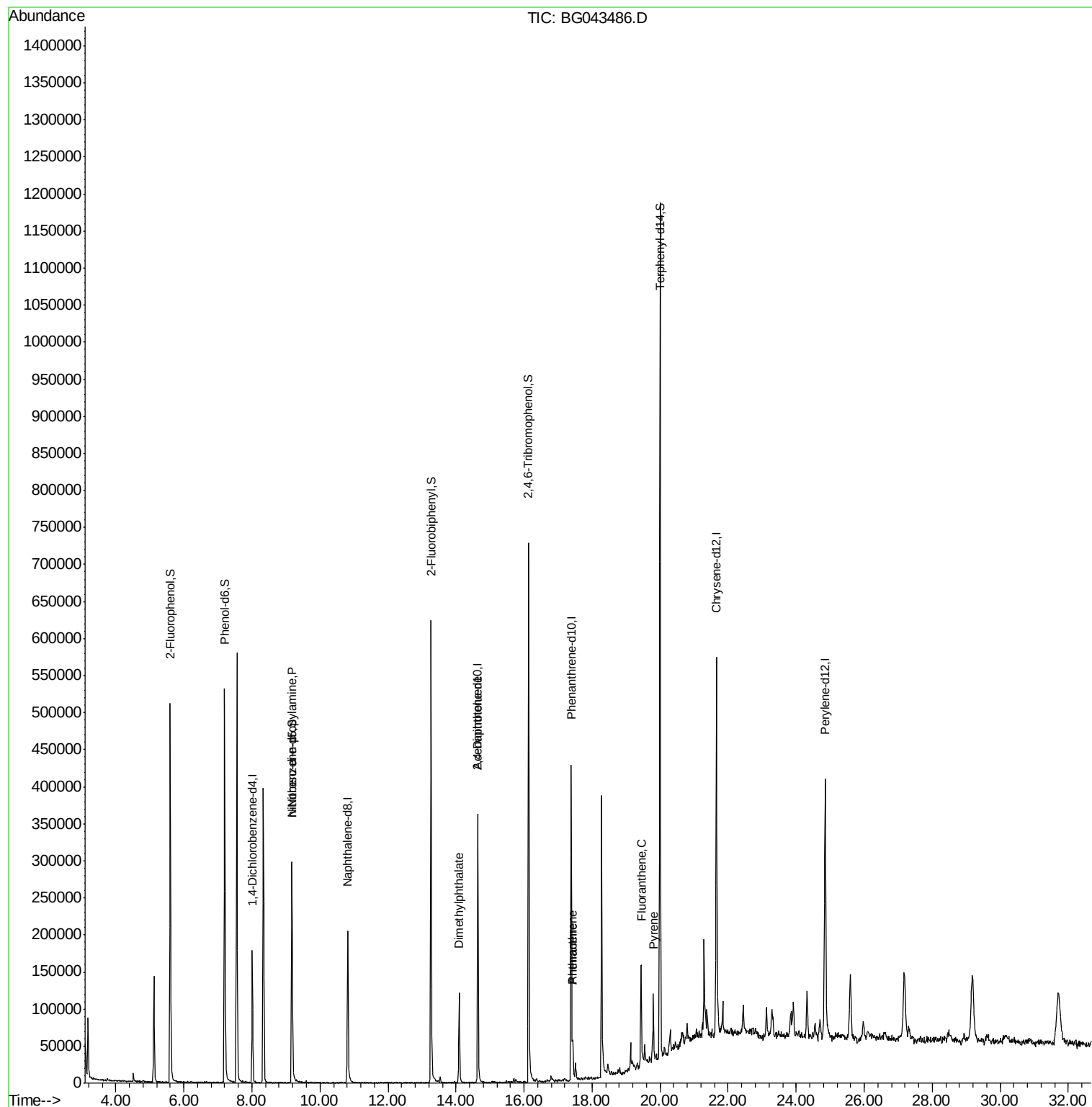
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55773	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	206703	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	140198	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	310834	20.00	ng	0.00
76) Chrysene-d12	21.66	240	322863	20.00	ng	0.00
87) Perylene-d12	24.85	264	387722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	253199	83.19	ng	0.01
7) Phenol-d6	7.20	99	344951	78.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	210641	52.54	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	183424	68.75	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	389507	38.39	ng	0.00
79) Terphenyl-d14	20.00	244	643591	37.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	28911	10.217	ng	Qvalue # 76
50) Dimethylphthalate	14.09	163	95772	8.819	ng	99
57) 2,4-Dinitrotoluene	14.64	165	19153	5.681	ng	# 27
71) Phenanthrene	17.43	178	42274	2.656	ng	96
72) Anthracene	17.43	178	42274	2.655	ng	95
75) Fluoranthene	19.44	202	71341	3.438	ng	98
78) Pyrene	19.80	202	61712	3.088	ng	97

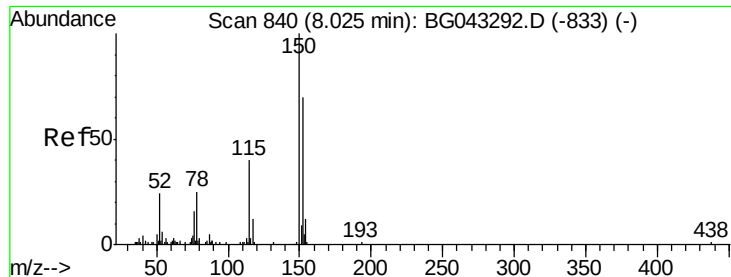
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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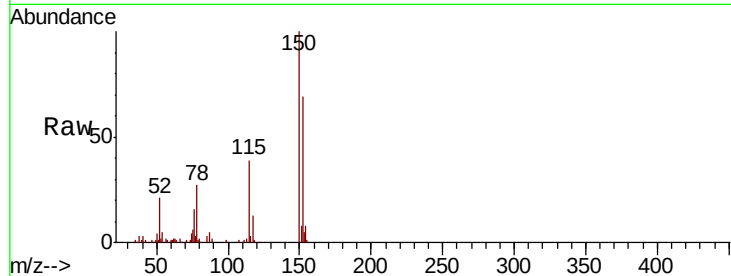


#1

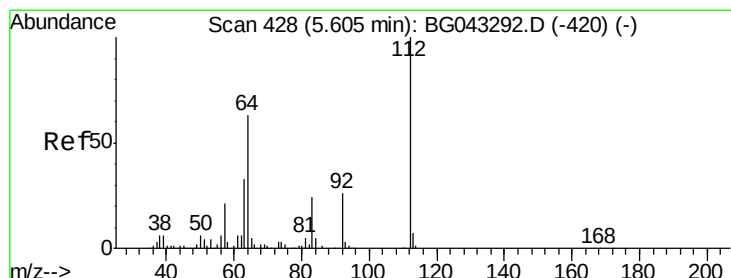
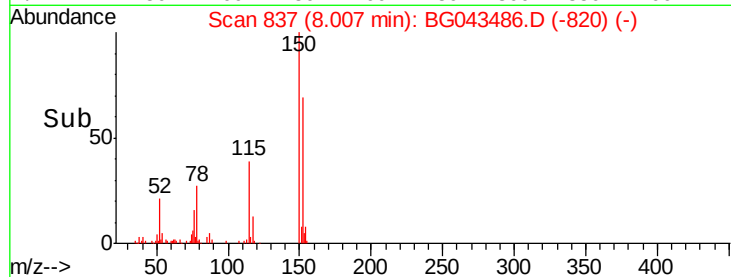
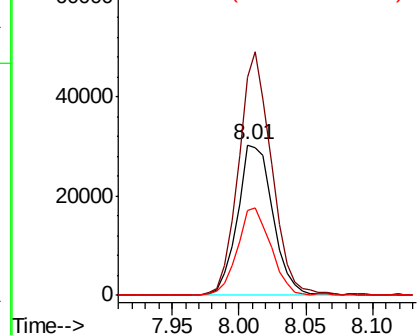
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55773
Ion Ratio Lower Upper
152 100
150 145.1 129.4 194.0
115 56.1 48.8 73.2



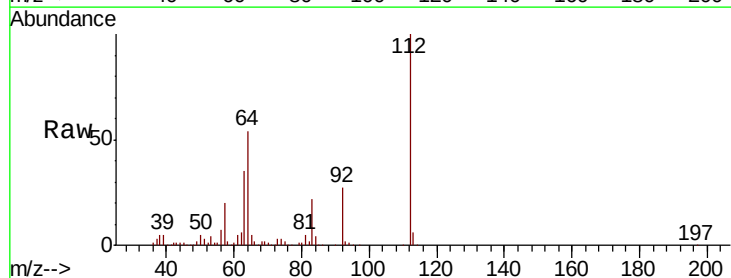
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



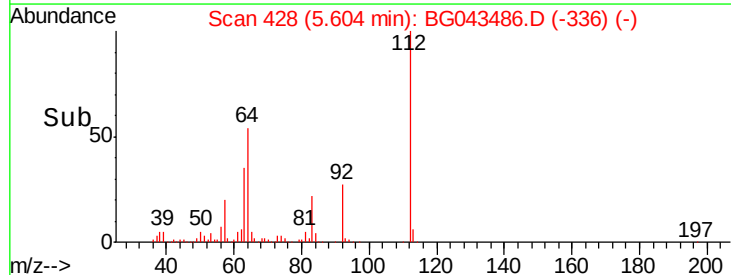
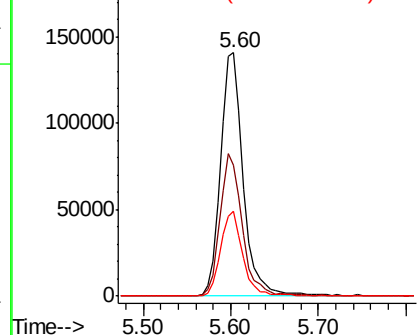
#5

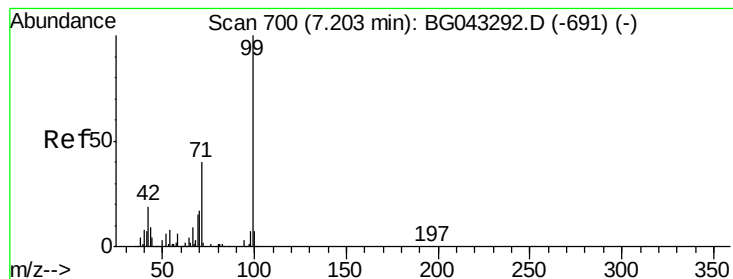
2-Fluorophenol
Concen: 83.190 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Tgt Ion:112 Resp: 253199
Ion Ratio Lower Upper
112 100
64 54.1 50.0 75.0
63 35.0 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: 78.773 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

Instrument :

BNA_G

ClientSampled :

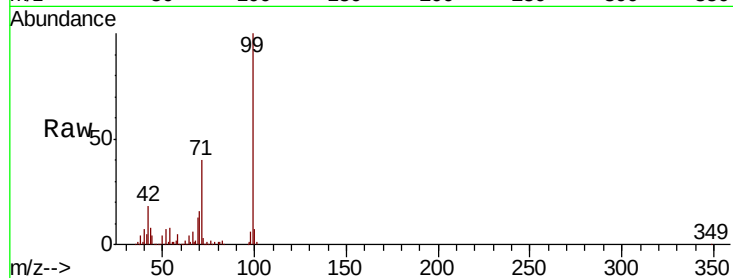
Tot Ion: 99 Resp: 344951

Ion Ratio Lower Upper

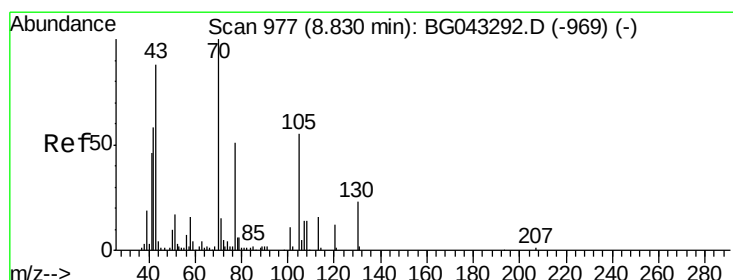
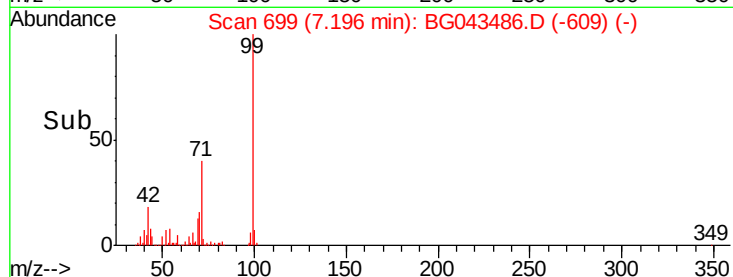
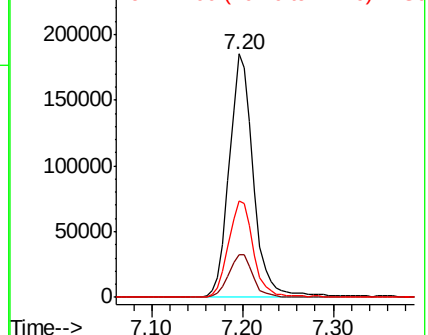
99 100

42 17.6 14.6 21.8

71 39.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.217 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

Tgt Ion: 70 Resp: 28911

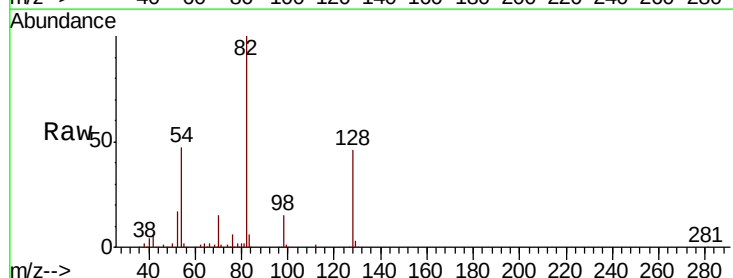
Ion Ratio Lower Upper

70 100

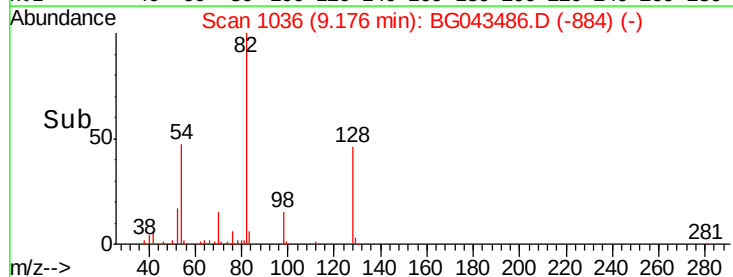
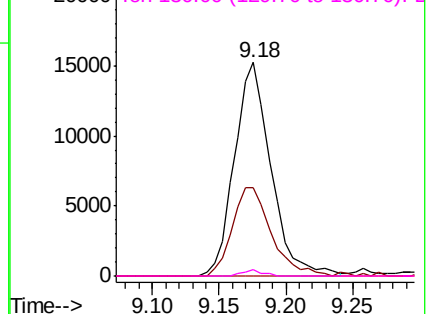
42 41.4 41.4 62.2

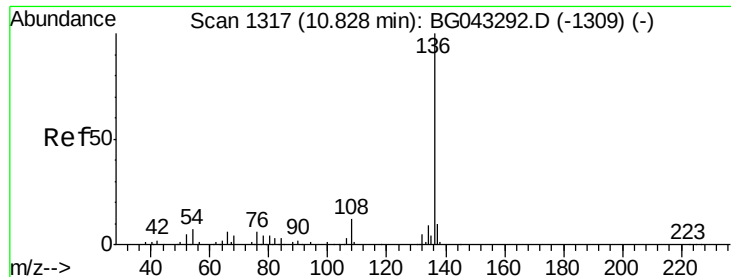
101 0.0 7.9 11.9#

130 3.1 19.0 28.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

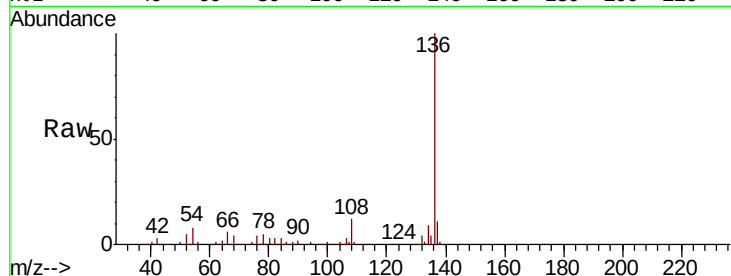




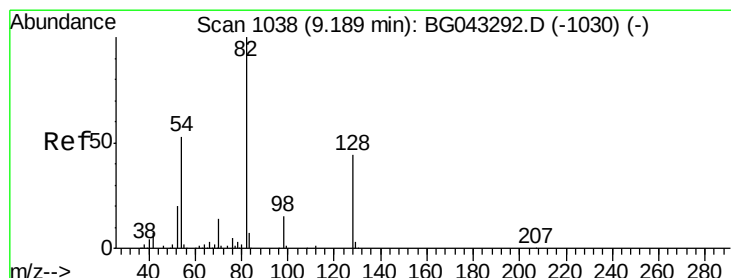
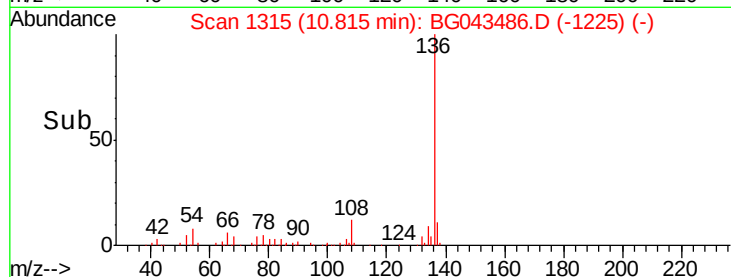
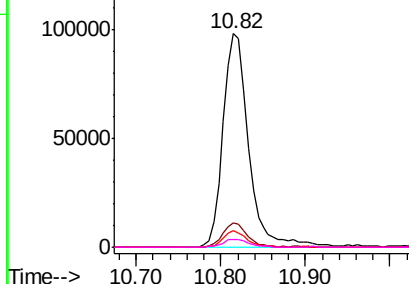
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	206703
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.7 13.1
54	7.6	5.4 8.2
68	3.9	3.0 4.4

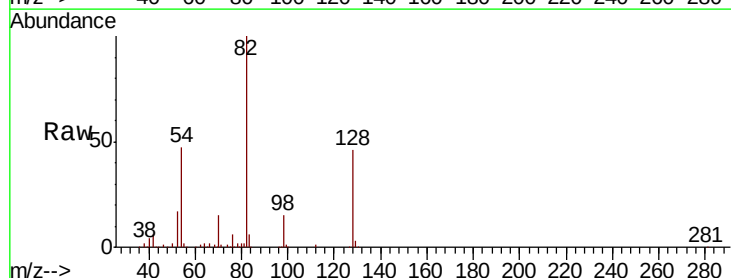


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

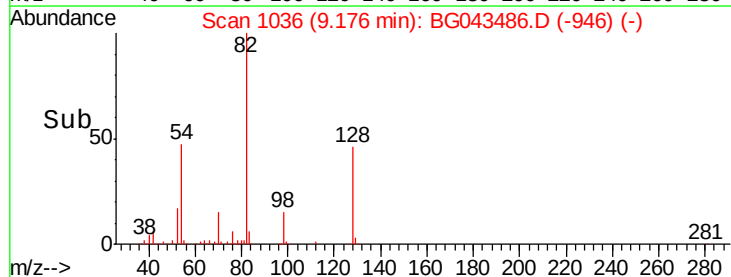
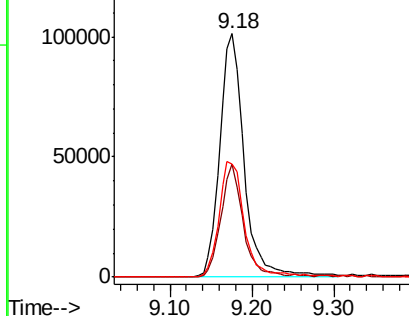


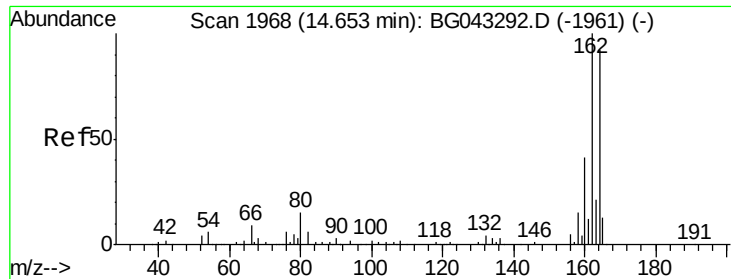
#23
Nitrobenzene-d5
Concen: 52.537 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Tgt Ion: 82	Resp:	210641
Ion Ratio	Lower	Upper
82	100	
128	46.2	35.0 52.6
54	46.7	40.2 60.2



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

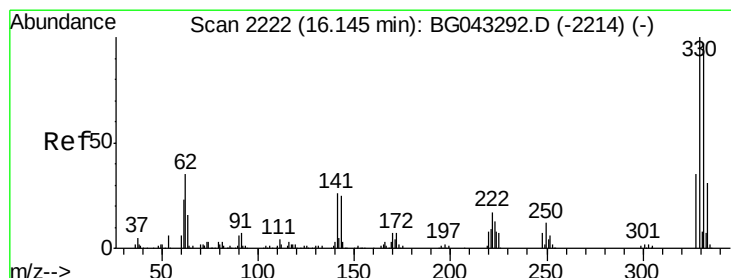
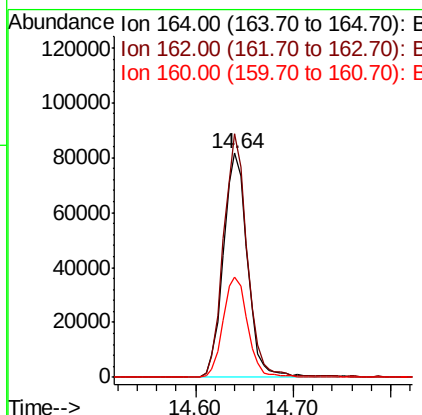
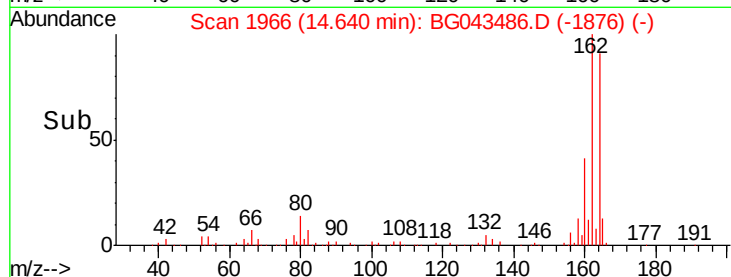
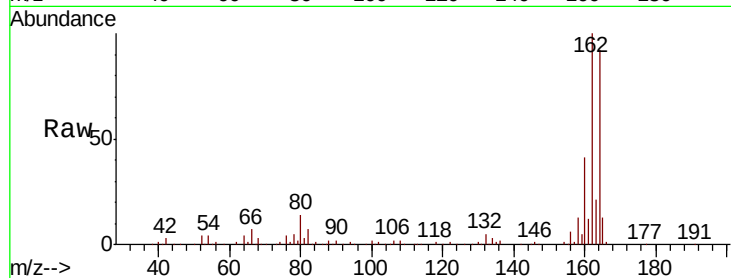




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

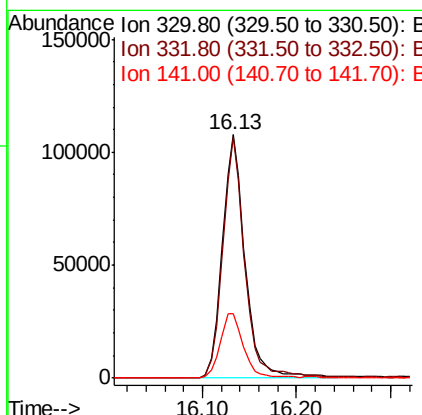
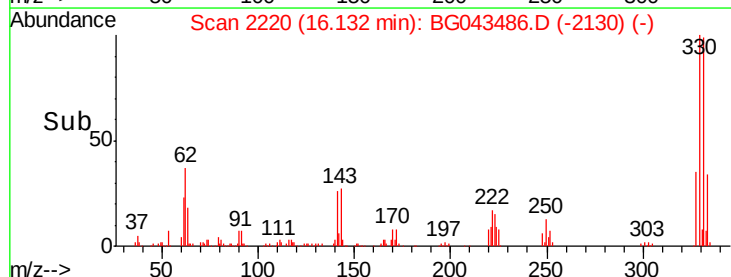
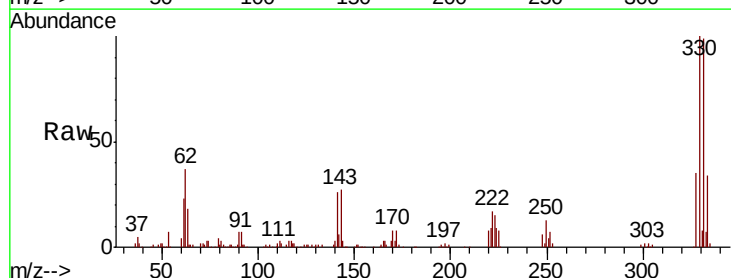
Instrument :
 BNA_G
 ClientSampled :

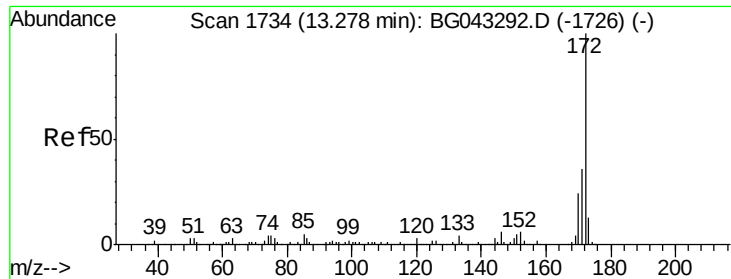
Tot Ion:164 Resp: 140198
 Ion Ratio Lower Upper
 164 100
 162 108.6 83.5 125.3
 160 44.6 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 68.750 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Tgt Ion:330 Resp: 183424
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.0
 141 27.5 22.8 34.2

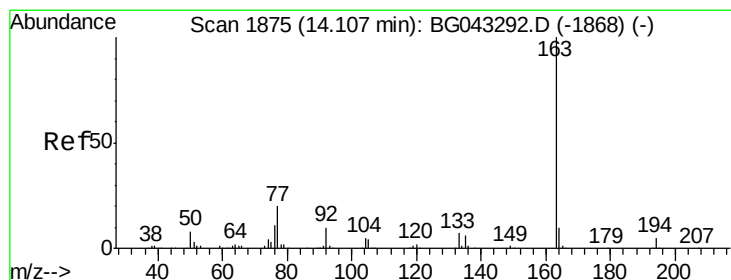
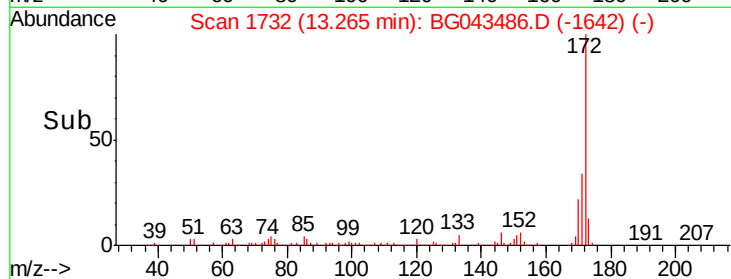
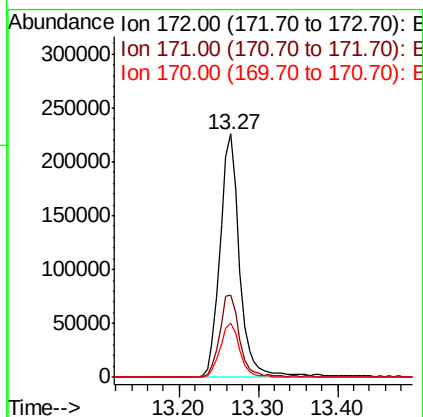
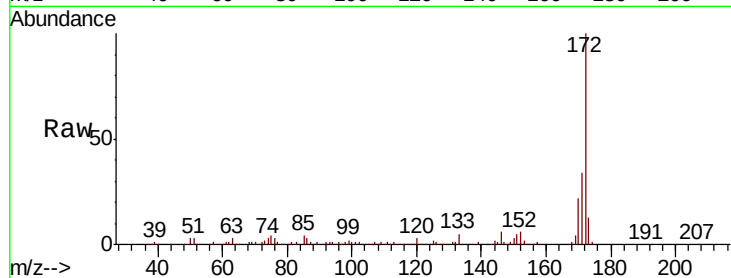




#45
 2-Fluorobiphenyl
 Concen: 38.390 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

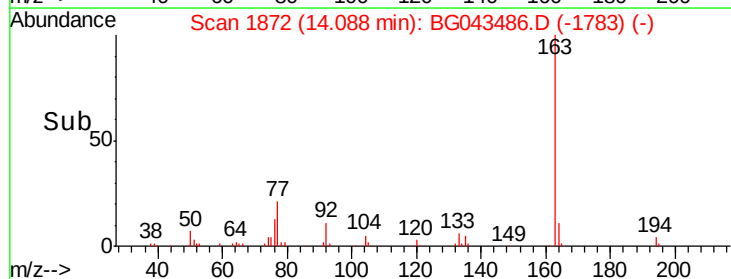
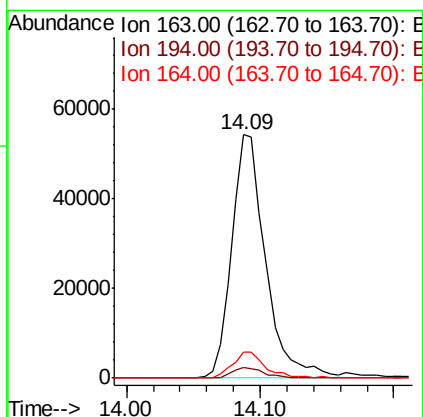
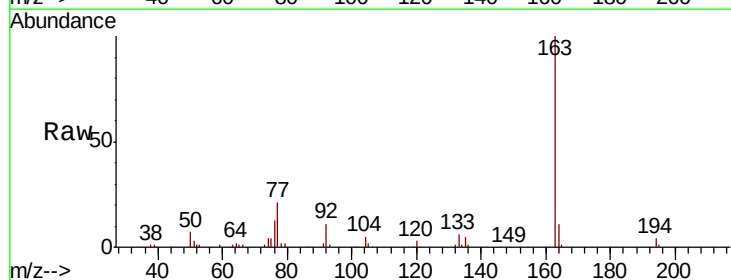
Instrument :
 BNA_G
 ClientSampleId :

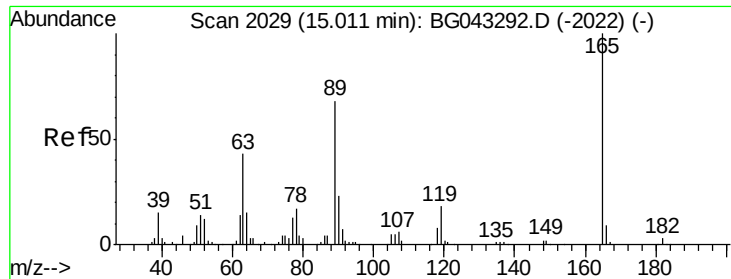
Tot Ion:172 Resp: 389507
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.9 43.3
 170 22.1 18.5 27.7



#50
 Dimethylphthalate
 Concen: 8.819 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Tgt Ion:163 Resp: 95772
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.8 5.6
 164 10.7 8.9 13.3

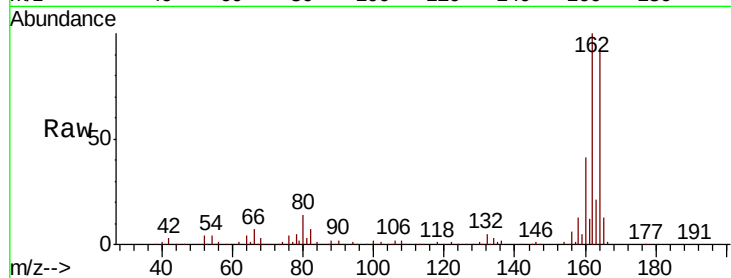




#57
 2,4-Dinitrotoluene
 Concen: 5.681 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.37 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	2.6	52.2	78.4#
182	0.0	2.0	3.0#

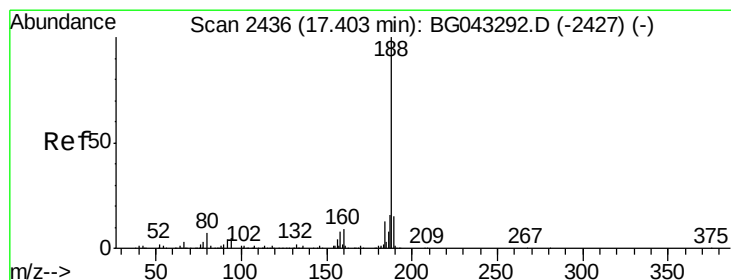
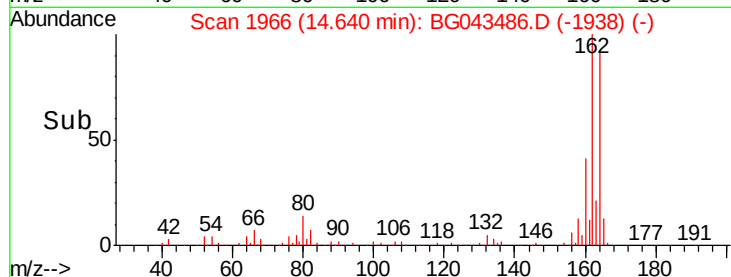
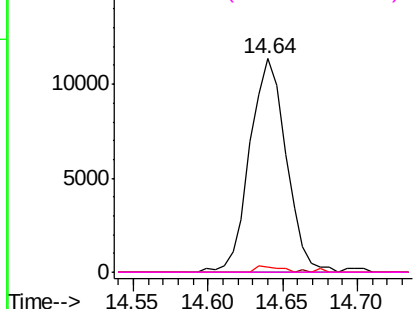


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

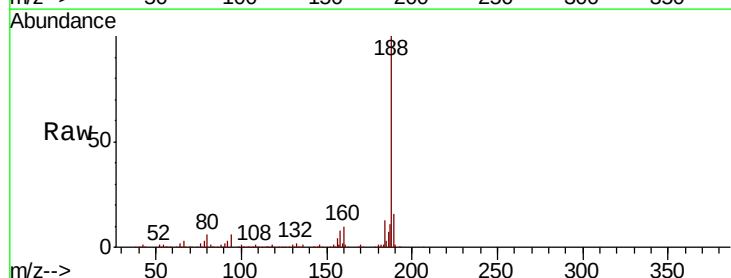
Ion 89.00 (88.70 to 89.70): BGC

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: BG043486.D
 Acq: 4 Nov 2019 18:29

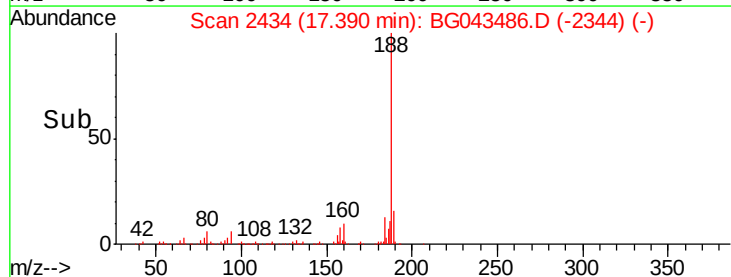
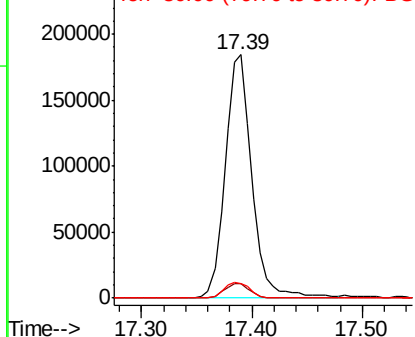
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	6.0	4.5	6.7

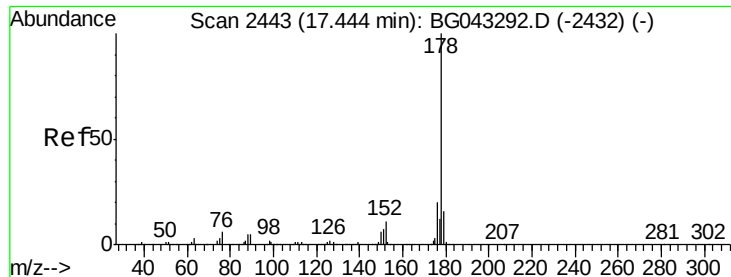


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 2.656 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

Instrument :

BNA_G

ClientSampleId :

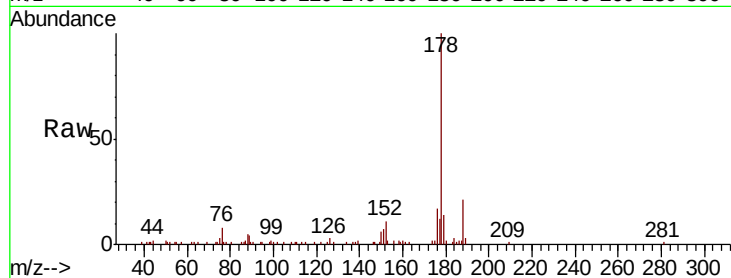
Tot Ion:178 Resp: 42274

Ion Ratio Lower Upper

178 100

176 17.2 15.4 23.0

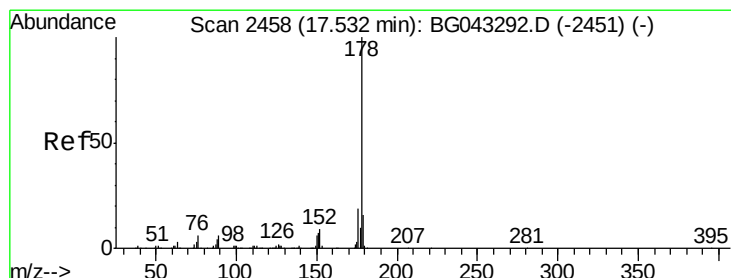
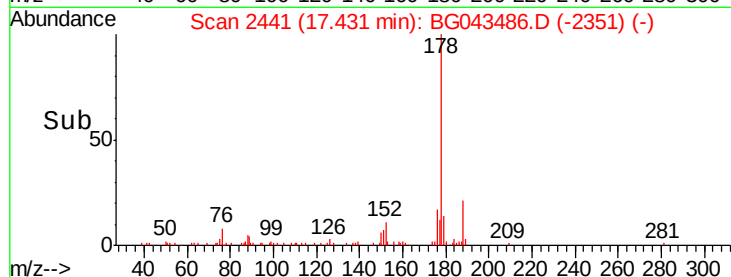
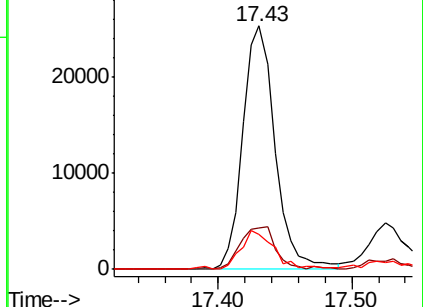
179 14.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 2.655 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.09 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

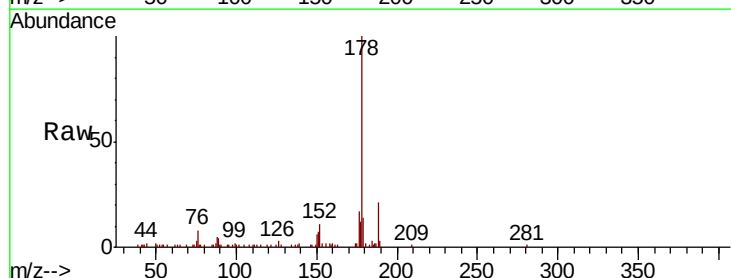
Tgt Ion:178 Resp: 42274

Ion Ratio Lower Upper

178 100

176 17.2 15.5 23.3

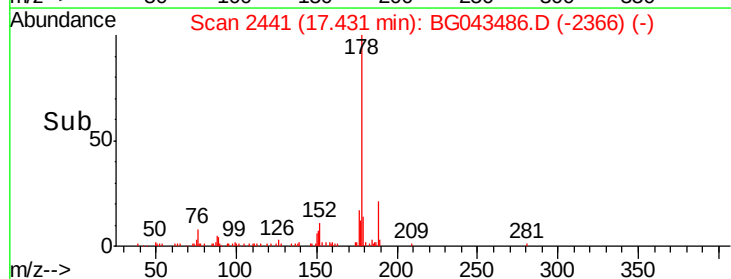
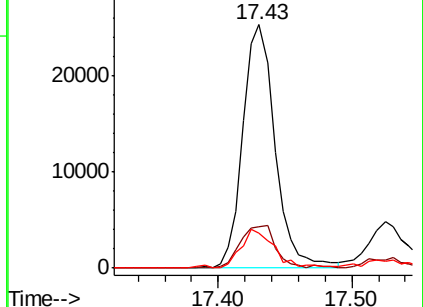
179 14.4 13.7 20.5

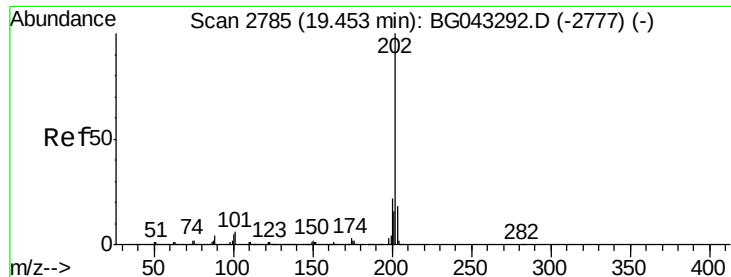


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

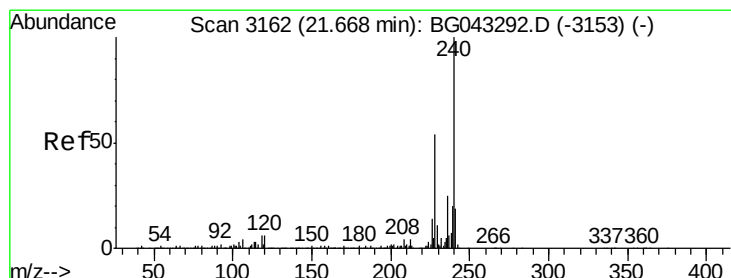
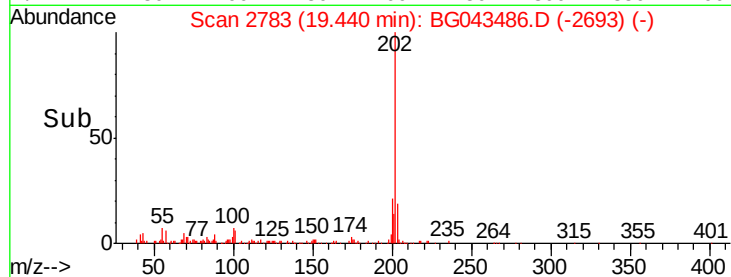
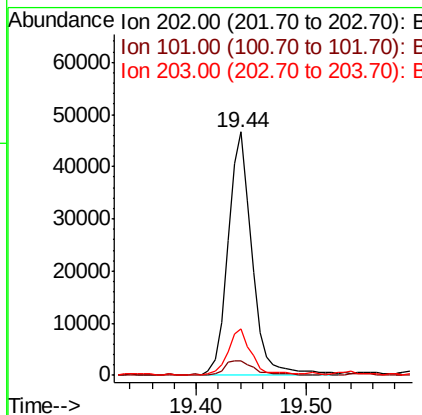
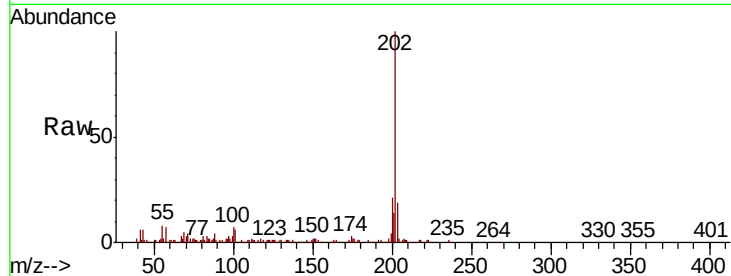




#75
 Fluoranthene
 Concen: 3.438 ng
 RT: 19.44 min Scan# 2783
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

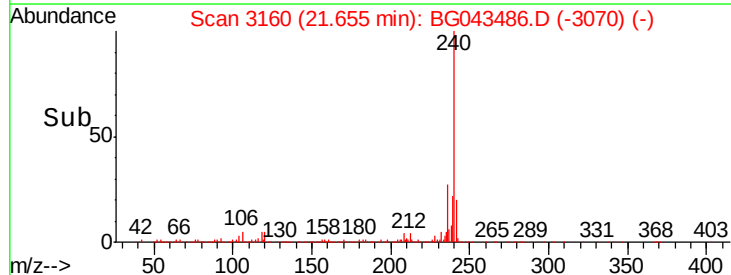
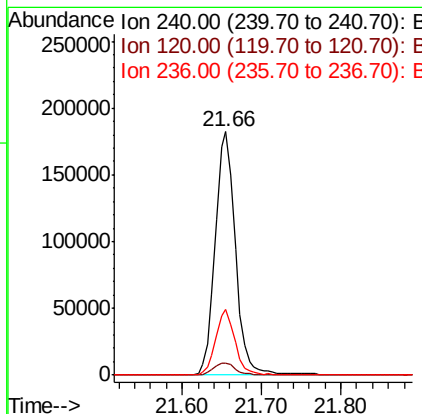
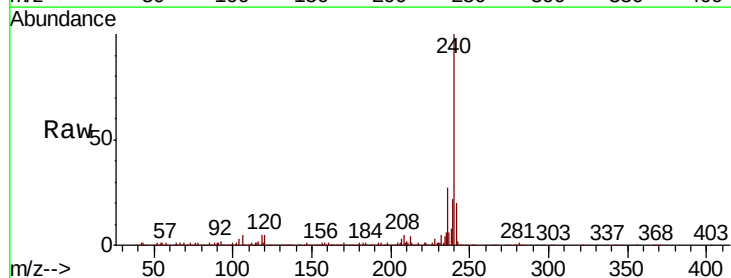
Instrument :
 BNA_G
 ClientSampleId :

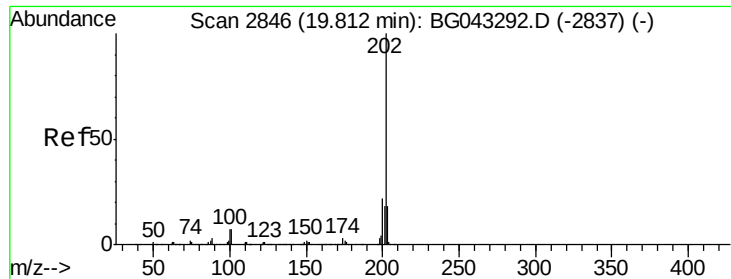
Tot Ion	Ion	Ratio	Lower	Upper
202	100			
101	6.2	0.0	26.3	
203	19.2	0.0	37.9	



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3160
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	5.1	4.6	6.8	
236	27.0	19.8	29.8	

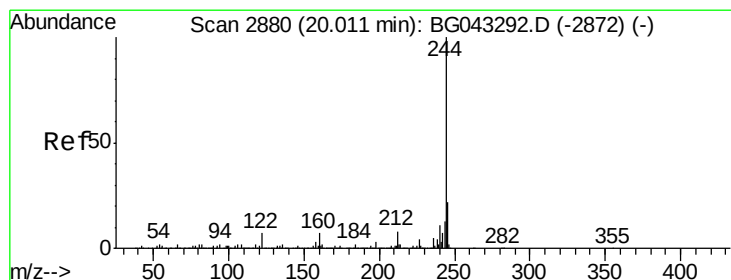
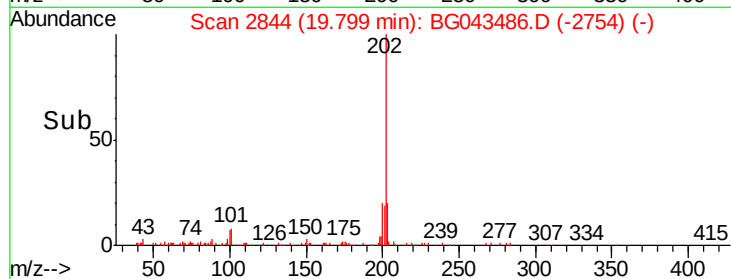
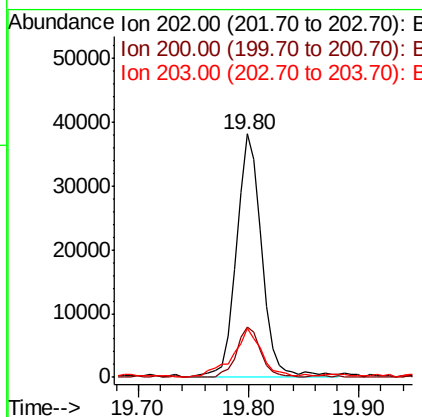
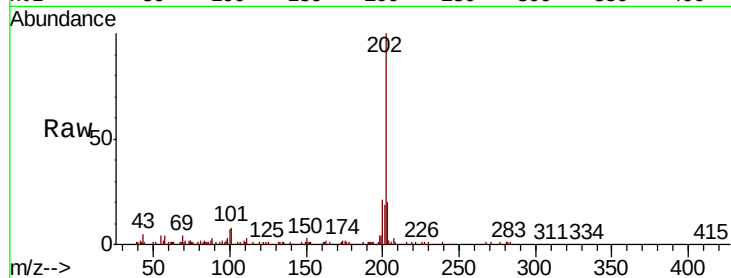




#78
 Pvrene
 Concen: 3.088 ng
 RT: 19.80 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

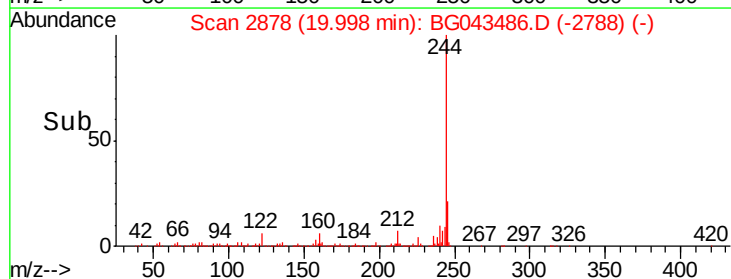
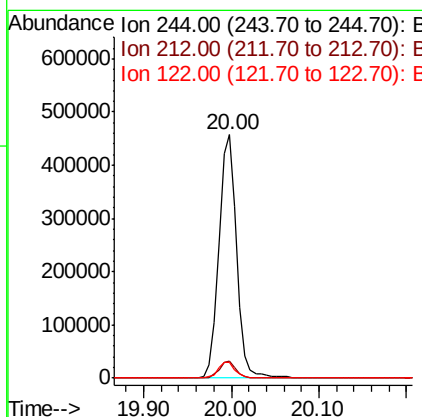
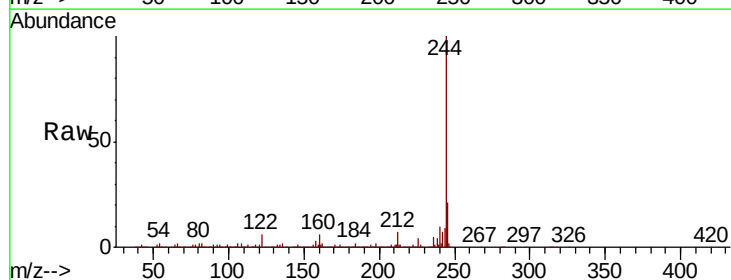
Instrument :
 BNA_G
 ClientSampled :

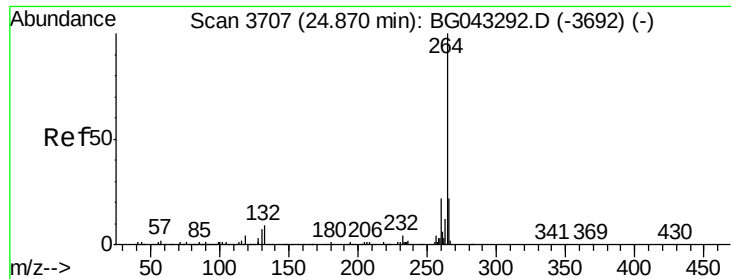
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	20.2	14.7	22.1



#79
 Terphenyl-d14
 Concen: 37.397 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.5	5.4	8.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	21.6	17.4	26.0

