

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044276.D
 Acq On : 3 Feb 2020 17:22
 Operator : CG/JU
 Sample : L1345-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 04 00:29:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

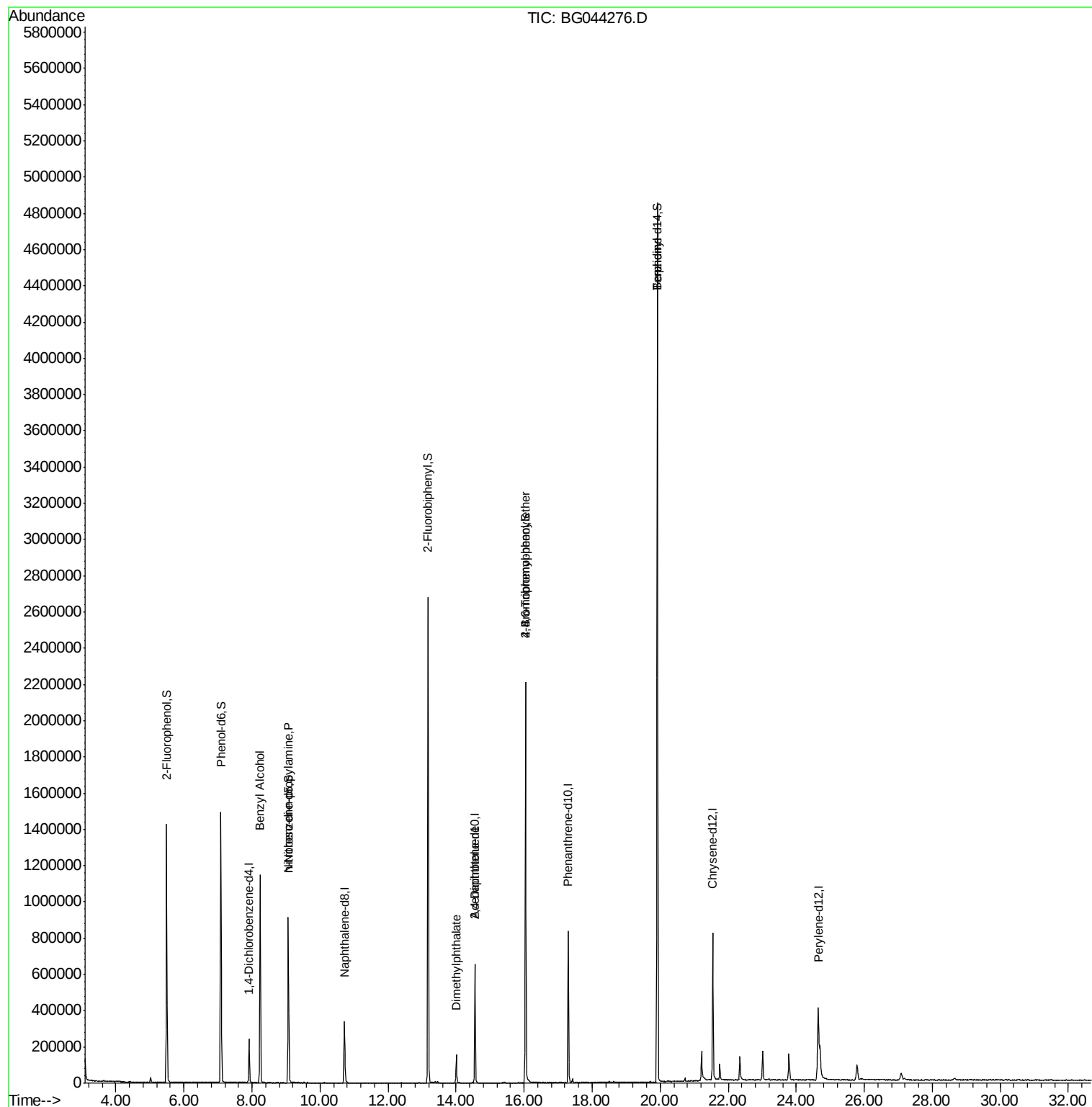
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	73033	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	326133	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	239848	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	546132	20.00	ng	0.00
76) Chrysene-d12	21.54	240	489398	20.00	ng	0.00
87) Perylene-d12	24.65	264	533784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	692936	167.45	ng	0.00
7) Phenol-d6	7.08	99	972914	175.08	ng	0.00
23) Nitrobenzene-d5	9.07	82	585866	101.42	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	441057	156.64	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1437791	100.38	ng	0.00
79) Terphenyl-d14	19.92	244	2263855	95.15	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	8720	2.216	ng	# 45
19) n-Nitroso-di-n-propylamine	9.07	70	75572	20.406	ng	# 77
50) Dimethylphthalate	14.00	163	117174	6.796	ng	# 96
57) 2,4-Dinitrotoluene	14.56	165	31505	5.847	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	29672	4.987	ng	# 1
77) Benzidine	19.92	184	40828	3.008	ng	# 91

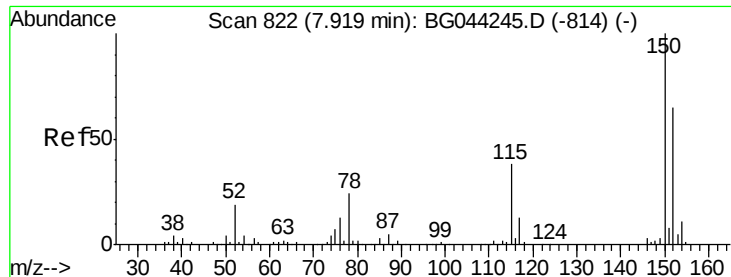
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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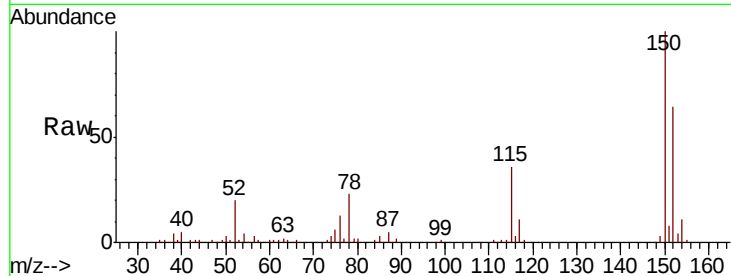


#1

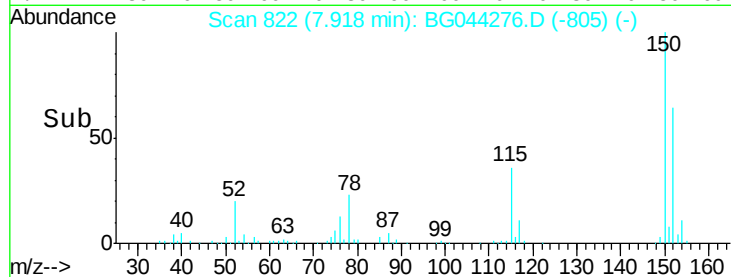
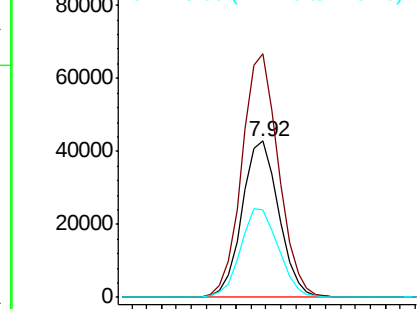
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 73033
Ion Ratio Lower Upper
152 100
150 155.7 122.6 183.8
115 56.2 46.0 69.0



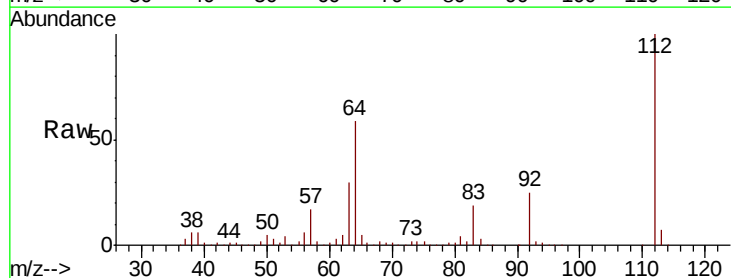
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



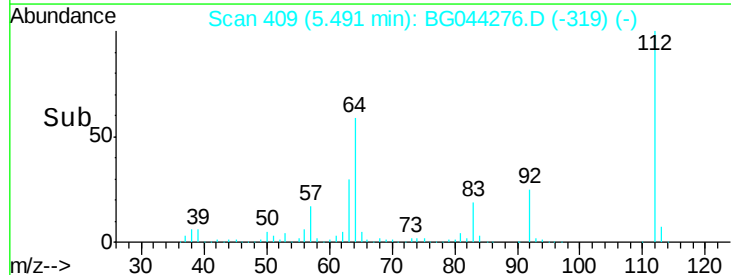
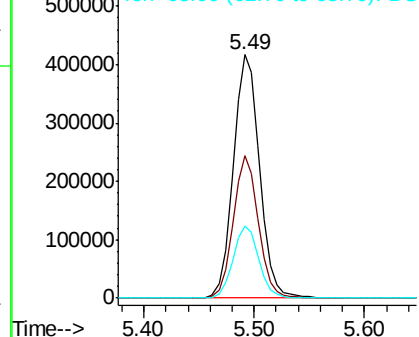
#5

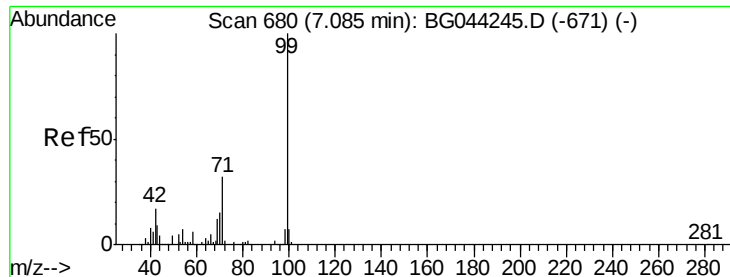
2-Fluorophenol
Concen: 167.448 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Tgt Ion:112 Resp: 692936
Ion Ratio Lower Upper
112 100
64 58.6 45.4 68.2
63 29.9 22.9 34.3



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: 175.079 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Instrument :

BNA_G

ClientSampleId :

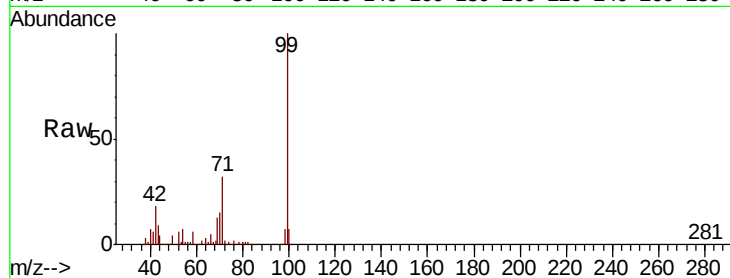
Tot Ion: 99 Resp: 972914

Ion Ratio Lower Upper

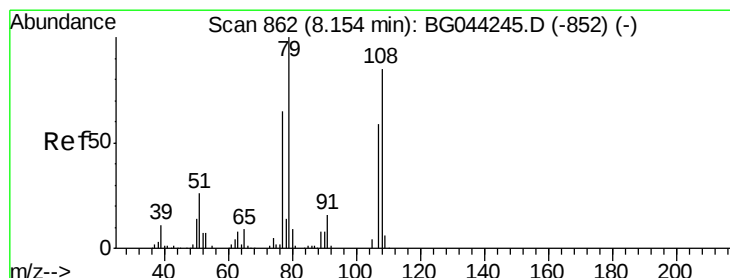
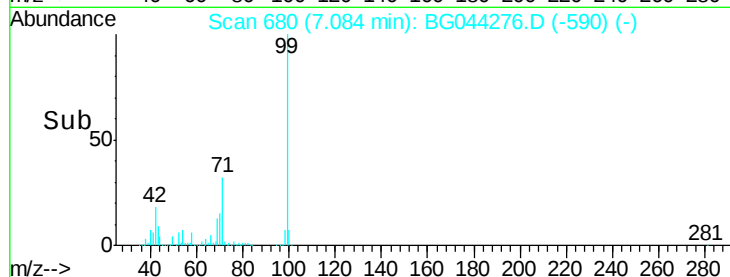
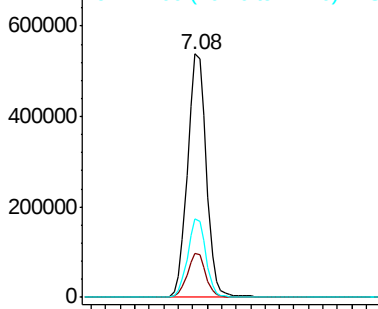
99 100

42 18.1 13.8 20.6

71 32.4 25.5 38.3



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: 2.216 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.08 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

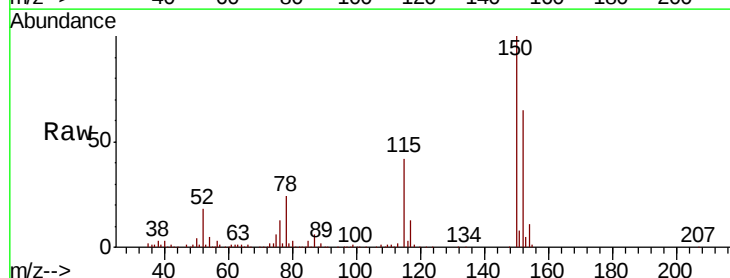
Tgt Ion: 79 Resp: 8720

Ion Ratio Lower Upper

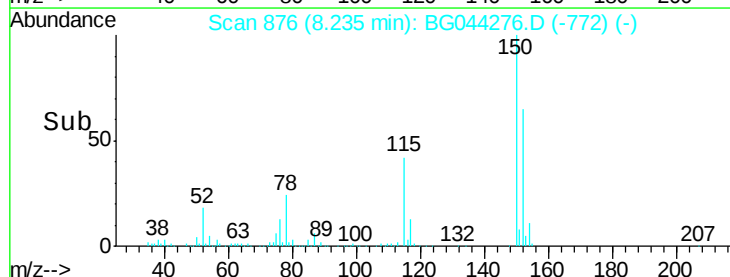
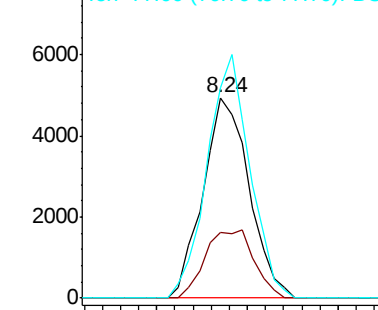
79 100

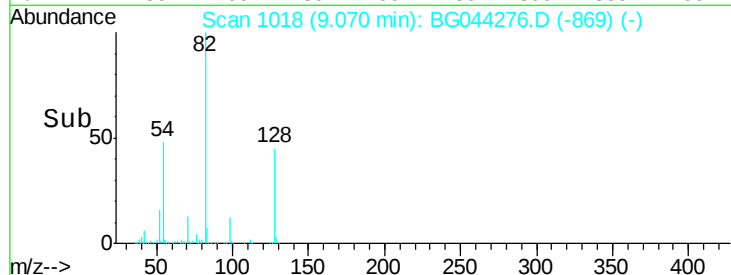
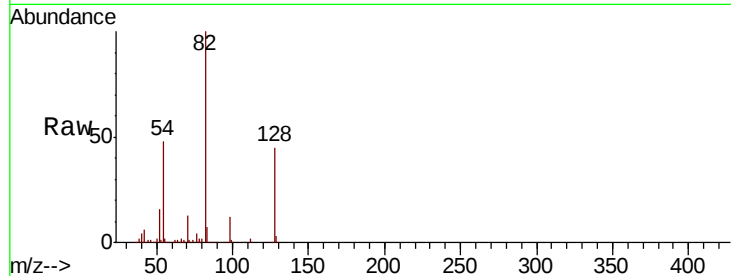
108 32.7 68.3 102.5#

77 105.1 51.8 77.8#



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

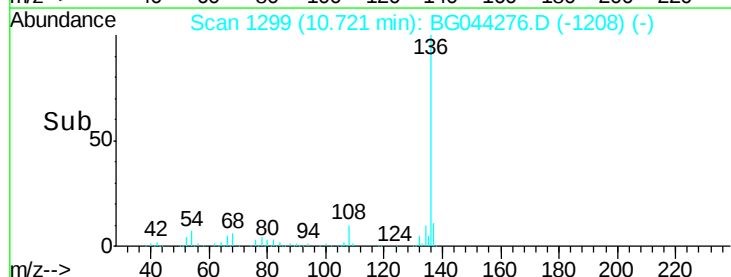
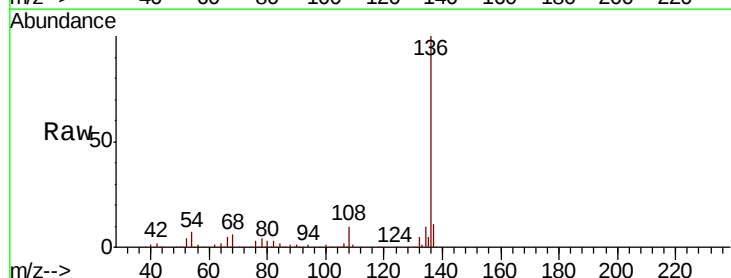
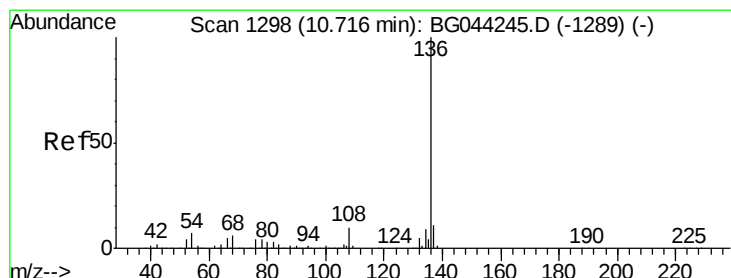
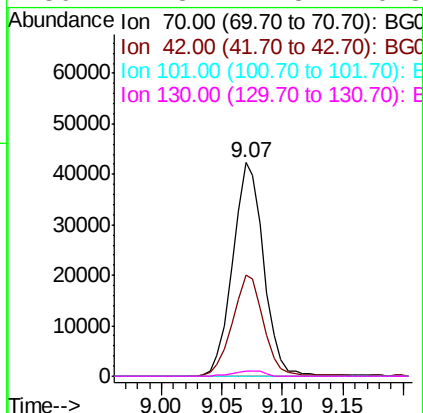




#19
n-Nitroso-di-n-propylamine
Concen: 20.406 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

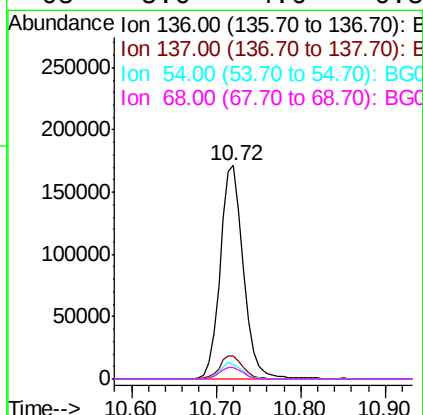
Instrument :
BNA_G
ClientSampleId :

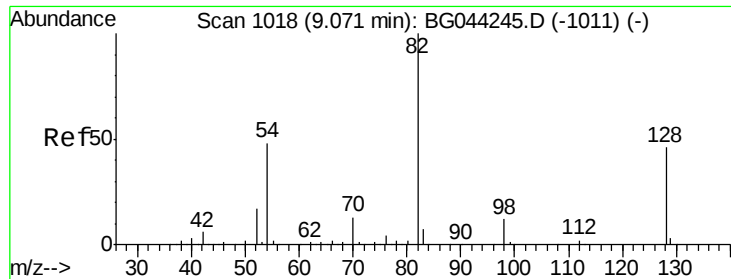
Tot Ion: 70 Resp: 75572
Ion Ratio Lower Upper
70 100
42 47.1 46.2 69.2
101 0.0 8.4 12.6#
130 2.3 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Tgt Ion: 136 Resp: 326133
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.8 5.8 8.8
68 5.6 4.6 6.8

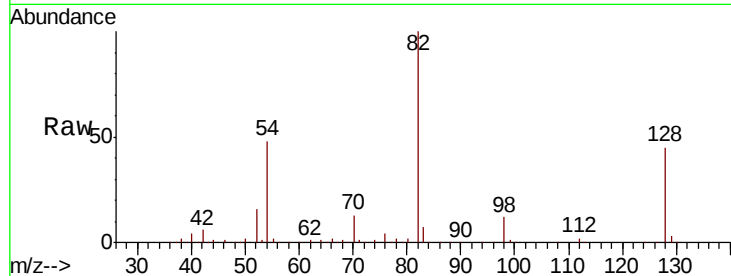




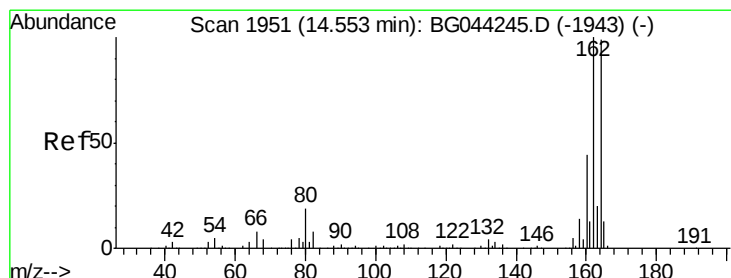
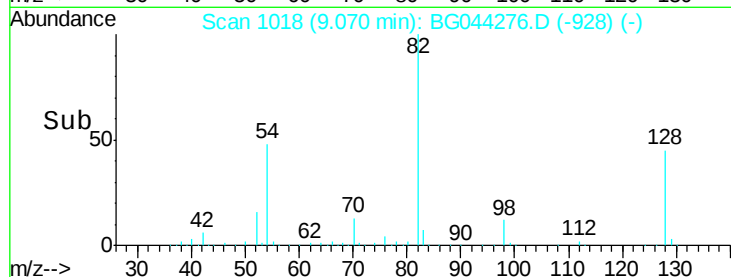
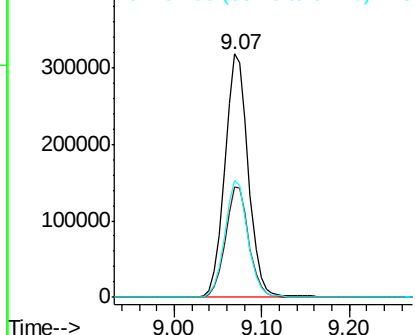
#23
Nitrobenzene-d5
Concen: 101.418 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	585866
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	45.3		
54	48.0		
	38.6		
	58.0		

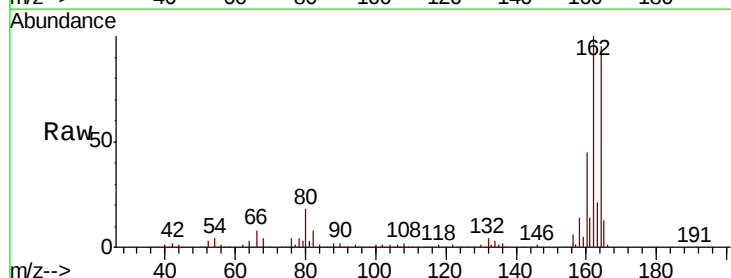


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

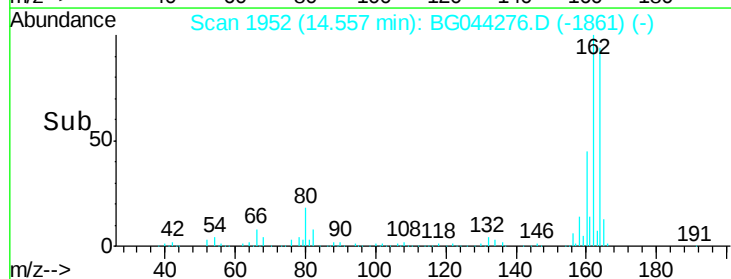
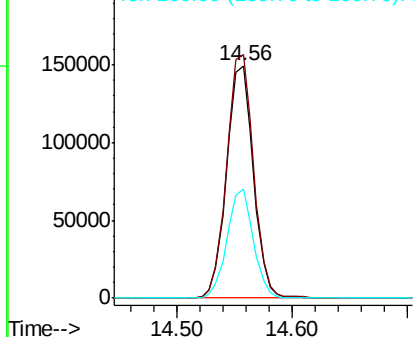


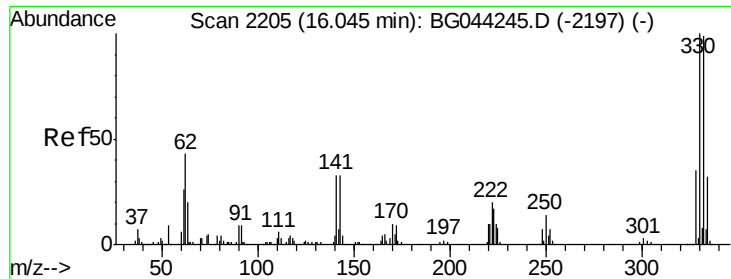
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Tgt Ion	164	Resp	239848
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	104.8		
160	47.2		
	35.3		
	52.9		



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

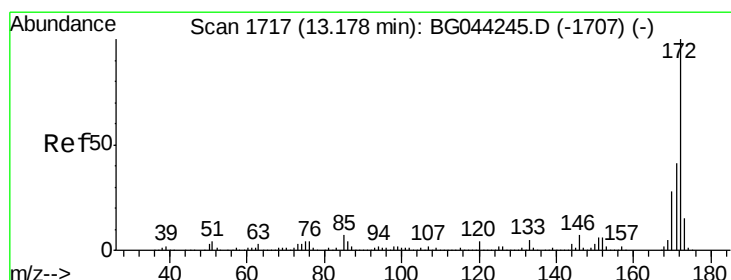
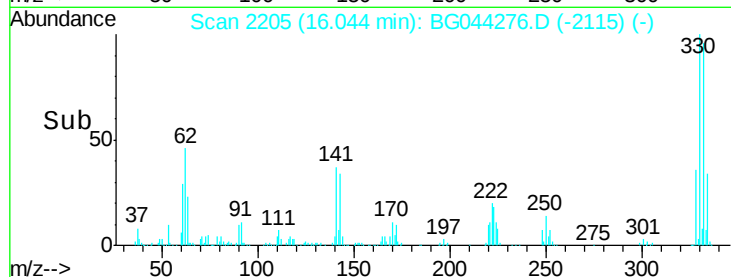
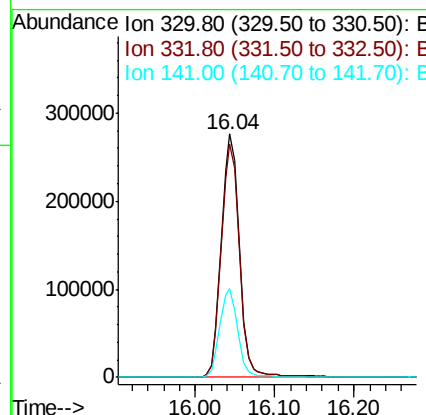
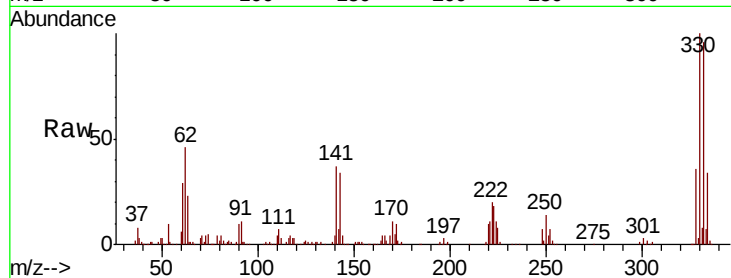




#42
 2,4,6-Tribromophenol
 Concen: 156.643 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG044276.D
 Acq: 3 Feb 2020 17:22

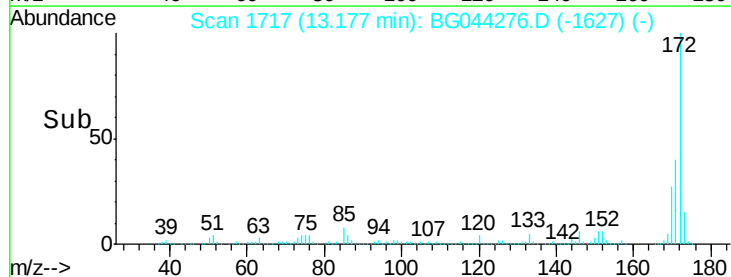
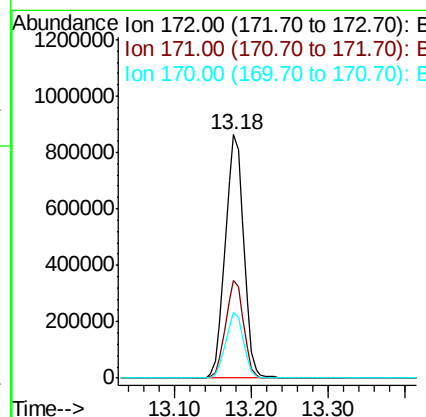
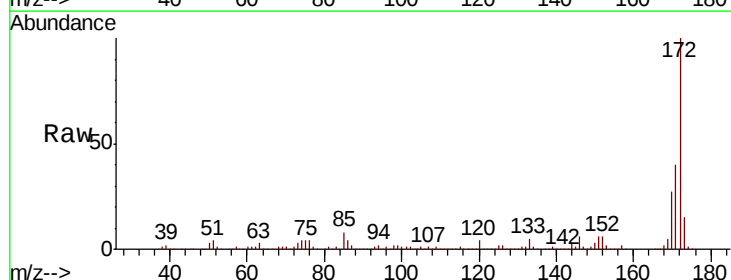
Instrument :
 BNA_G
 ClientSampleId :

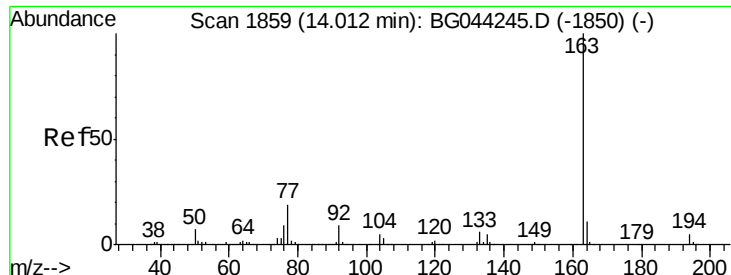
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	36.4	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 100.383 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044276.D
 Acq: 3 Feb 2020 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.9	49.3
170	26.8	22.0	33.0





#50

Dimethylphthalate

Concen: 6.796 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Instrument :

BNA_G

ClientSampleId :

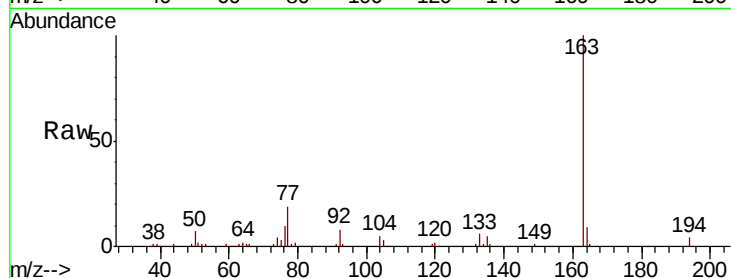
Tot Ion:163 Resp: 117174

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

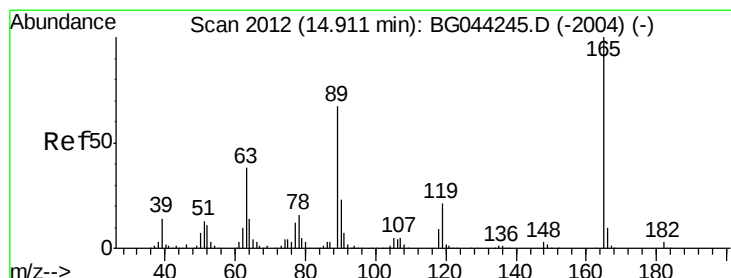
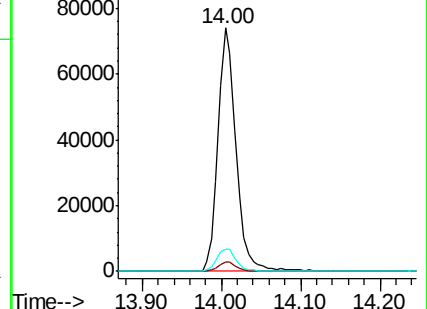
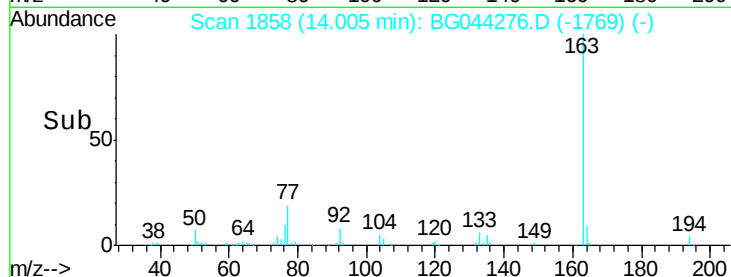
164 9.1 8.7 13.1



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: 5.847 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.35 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Tgt Ion:165 Resp: 31505

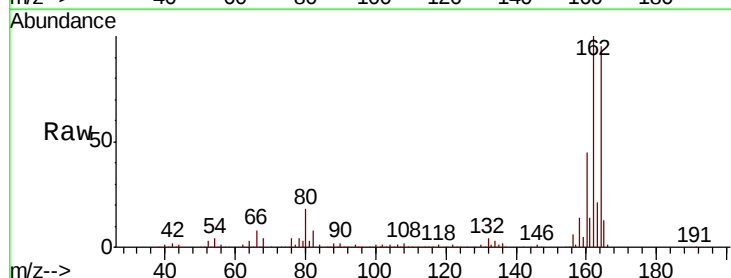
Ion Ratio Lower Upper

165 100

63 0.0 30.3 45.5#

89 1.2 53.4 80.2#

182 0.0 2.1 3.1#

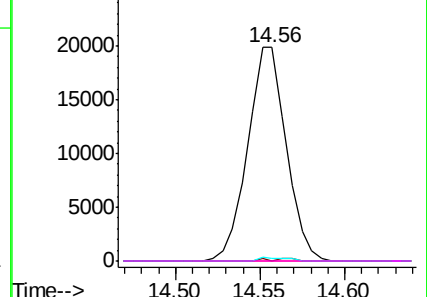
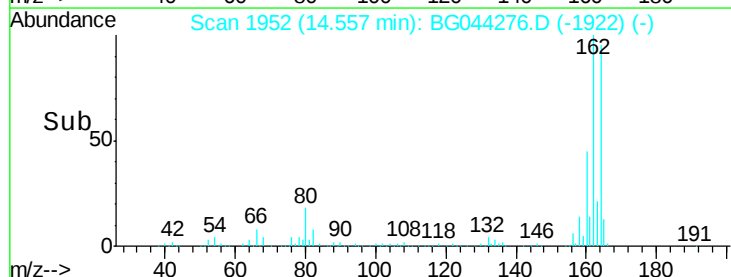


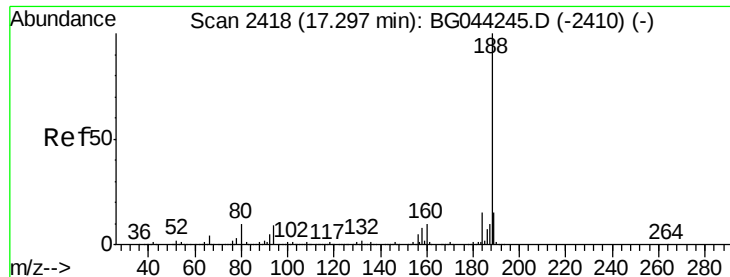
Abundance Ion 165.00 (164.70 to 165.70): E

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

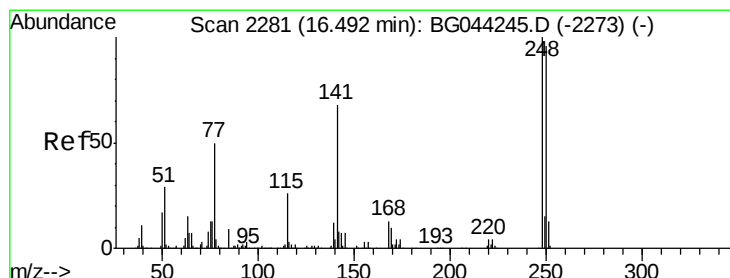
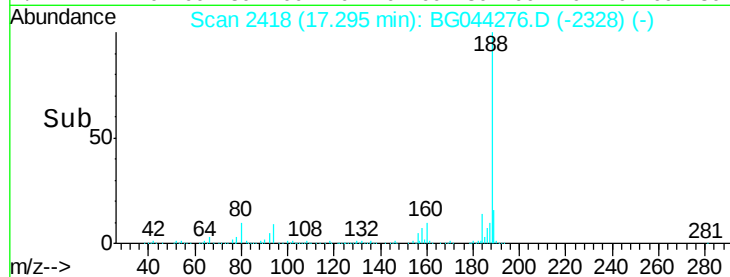
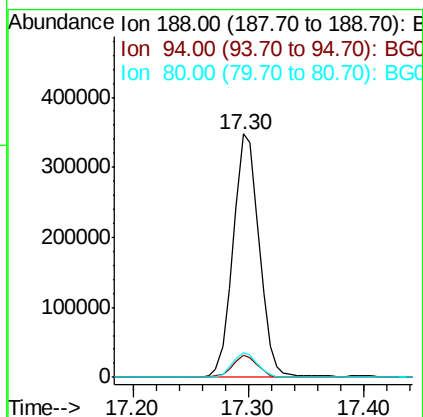
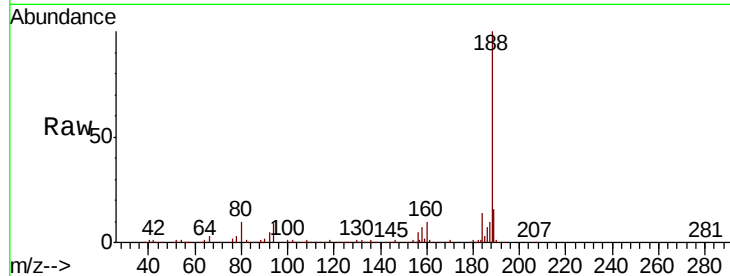




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

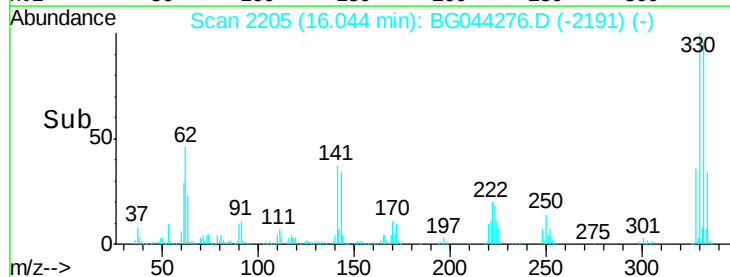
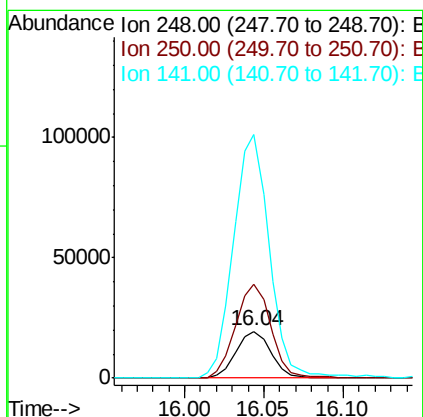
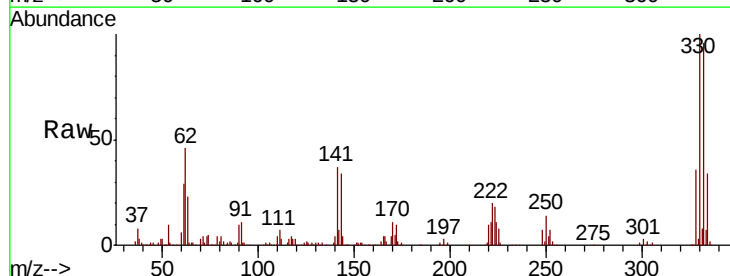
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 546132
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.2 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.987 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Tgt Ion:248 Resp: 29672
Ion Ratio Lower Upper
248 100
250 201.7 76.6 114.8#
141 519.8 54.7 82.1#

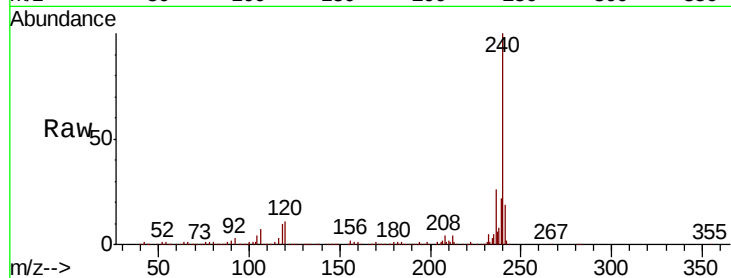




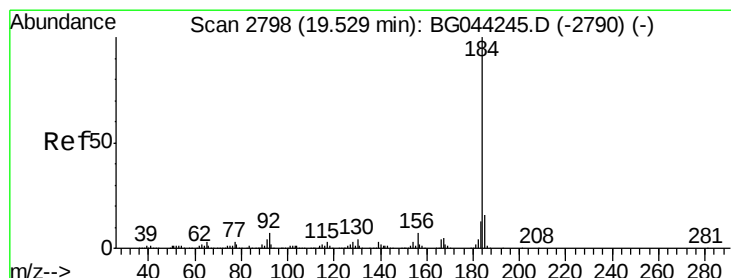
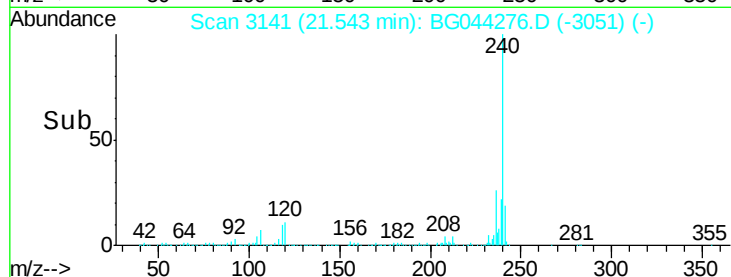
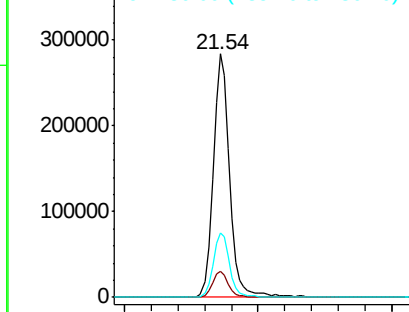
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 489398
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 26.4 22.1 33.1

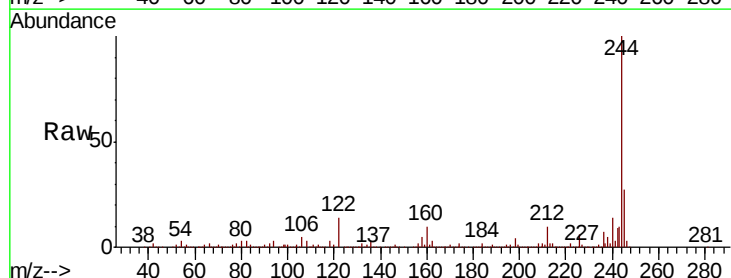


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

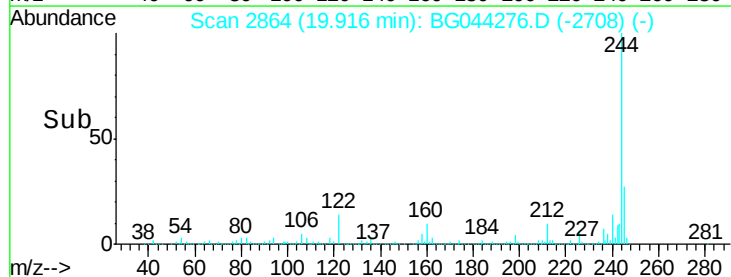
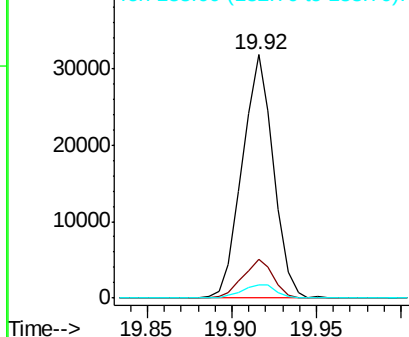


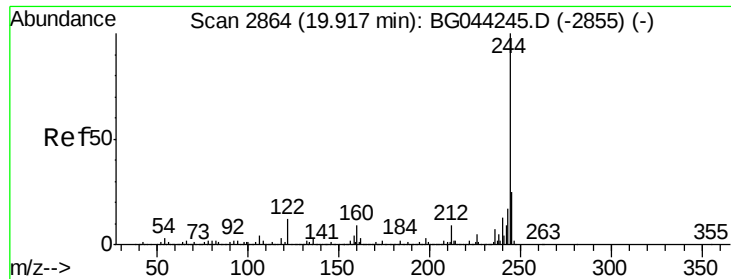
#77
Benzidine
Concen: 3.008 ng
RT: 19.92 min Scan# 2864
Delta R.T. 0.39 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Tgt Ion:184 Resp: 40828
Ion Ratio Lower Upper
184 100
185 15.9 12.9 19.3
183 5.4 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 95.147 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Instrument :

BNA_G

ClientSampleId :

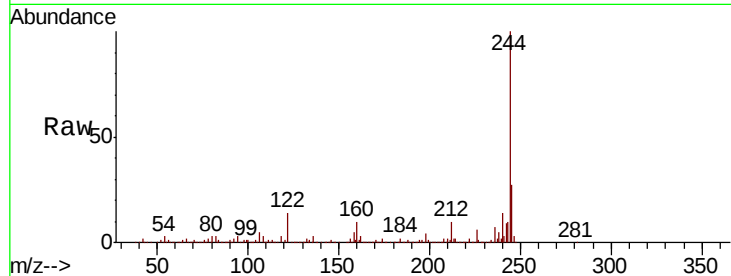
Tot Ion:244 Resp: 2263855

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.2

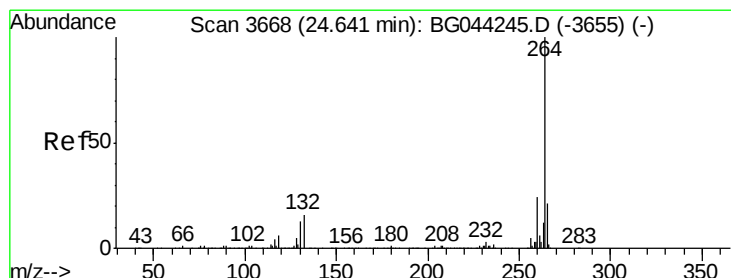
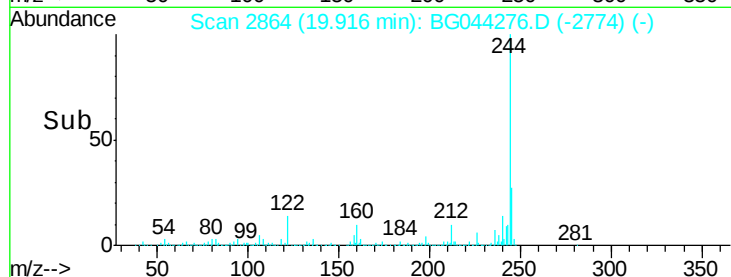
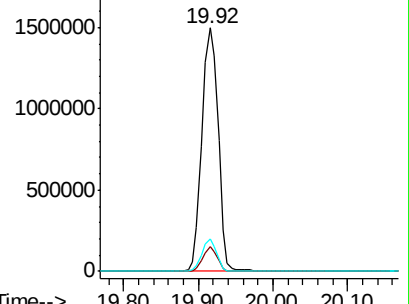
122 13.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 24.65 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

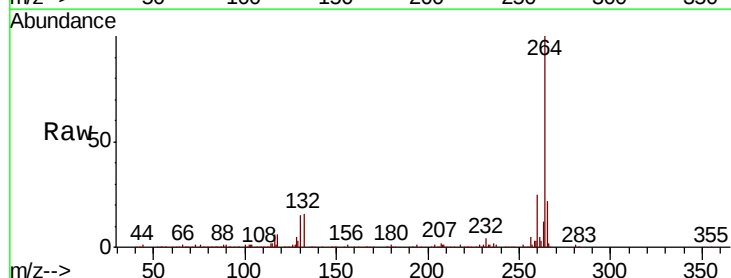
Tgt Ion:264 Resp: 533784

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 22.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

