

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044295.D
 Acq On : 5 Feb 2020 00:31
 Operator : CG/JU
 Sample : L1360-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 04:40:23 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

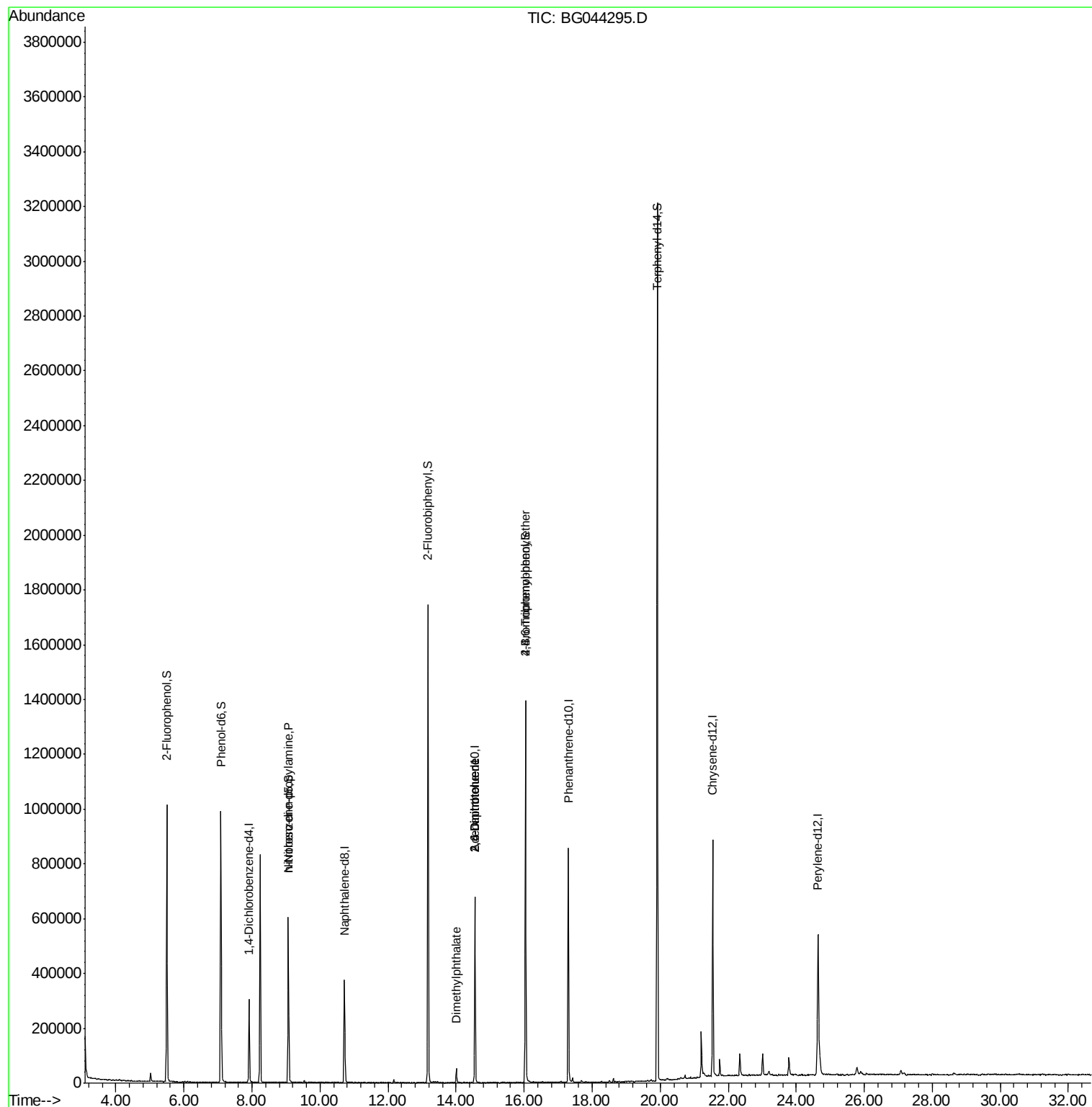
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	89067	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	360426	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	247108	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	567950	20.00	ng	0.00
76) Chrysene-d12	21.54	240	503763	20.00	ng	0.00
87) Perylene-d12	24.64	264	555391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	503763	99.82	ng	0.00
7) Phenol-d6	7.08	99	656092	96.81	ng	0.00
23) Nitrobenzene-d5	9.07	82	400358	62.71	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	279126	96.22	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	959152	65.00	ng	0.00
79) Terphenyl-d14	19.92	244	1572308	64.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	50760	11.239	ng	Qvalue # 80
50) Dimethylphthalate	14.00	163	44744	2.519	ng	97
51) 2,6-Dinitrotoluene	14.55	165	32353	8.169	ng	# 29
57) 2,4-Dinitrotoluene	14.55	165	32353	5.828	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	19400	3.135	ng	# 1

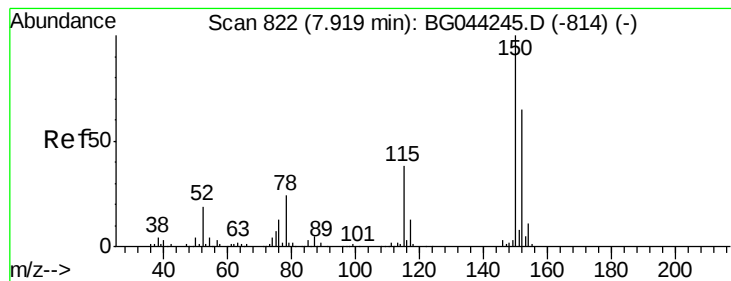
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration



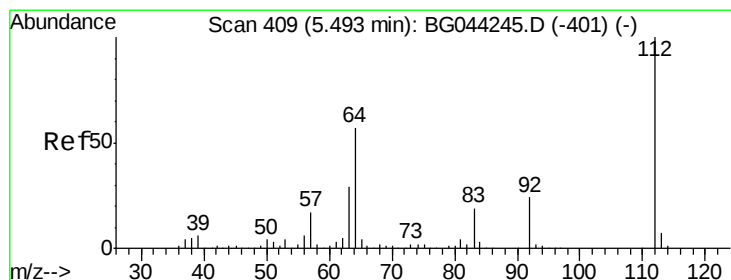
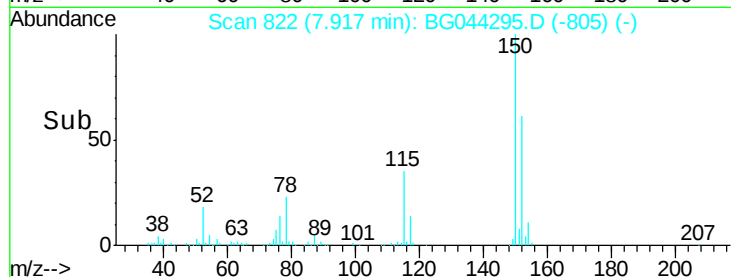
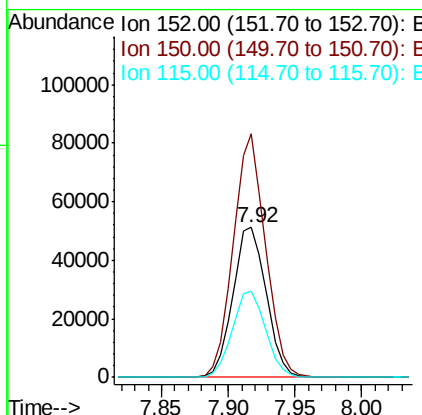
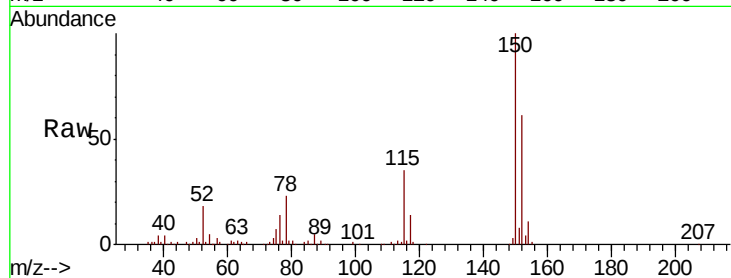


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044295.D
Acq: 5 Feb 2020 00:31

Instrument :
BNA_G
ClientSampleId :

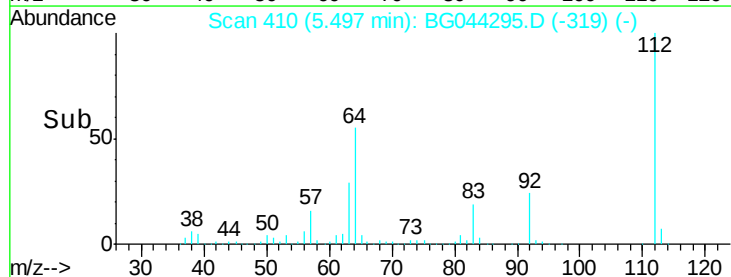
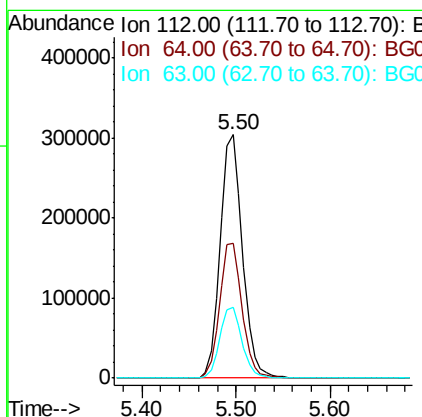
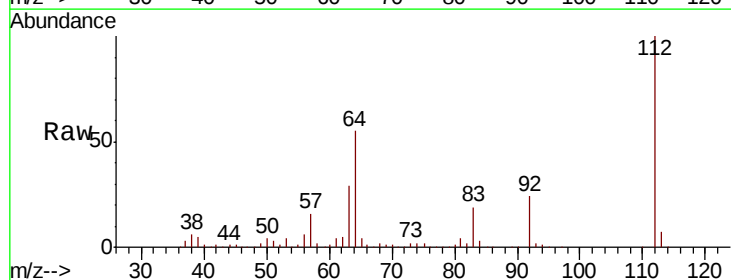
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	122.6	183.8
115	57.8	46.0	69.0

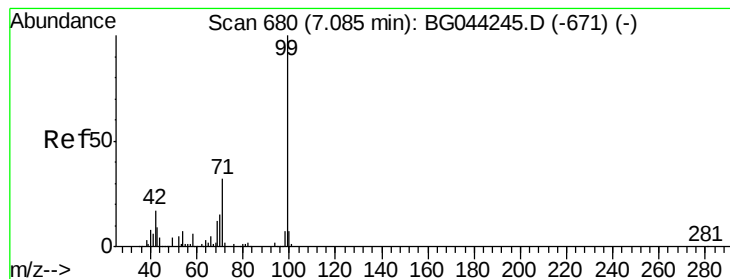


#5

2-Fluorophenol
Concen: 99.819 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044295.D
Acq: 5 Feb 2020 00:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.4	68.2
63	28.9	22.9	34.3





#7

Phenol-d6

Concen: 96.811 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

Instrument :

BNA_G

ClientSampled :

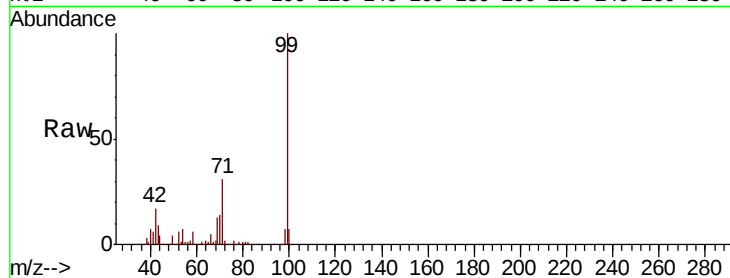
Tot Ion: 99 Resp: 656092

Ion Ratio Lower Upper

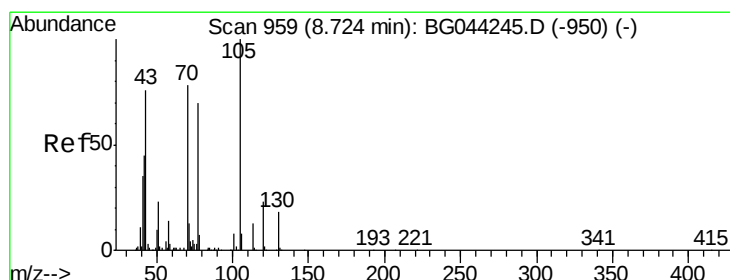
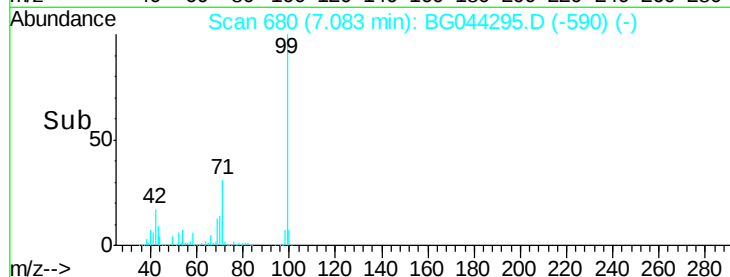
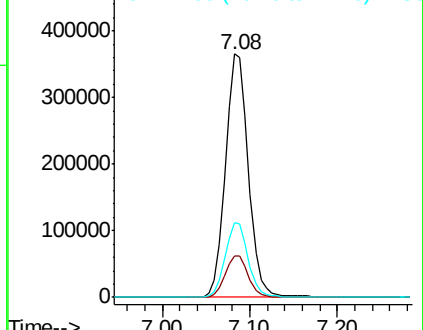
99 100

42 17.1 13.8 20.6

71 30.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.239 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.34 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

Tgt Ion: 70 Resp: 50760

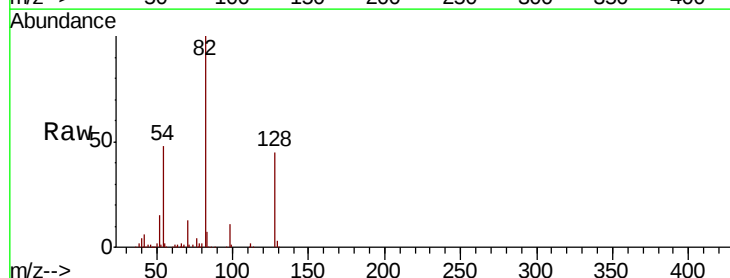
Ion Ratio Lower Upper

70 100

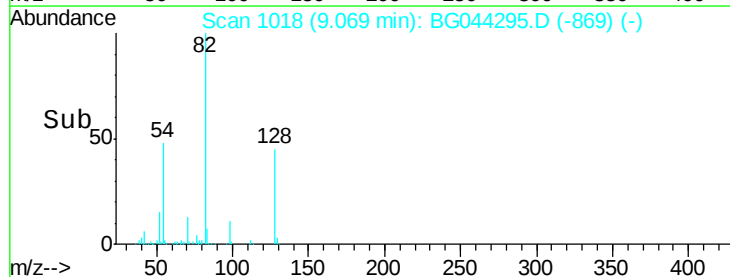
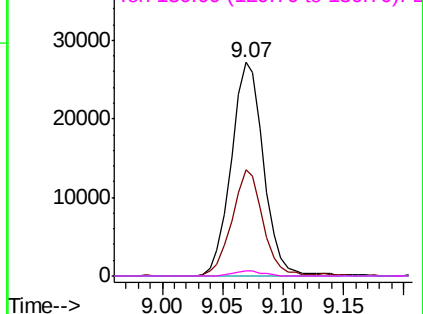
42 49.6 46.2 69.2

101 0.0 8.4 12.6#

130 2.3 17.8 26.8#



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

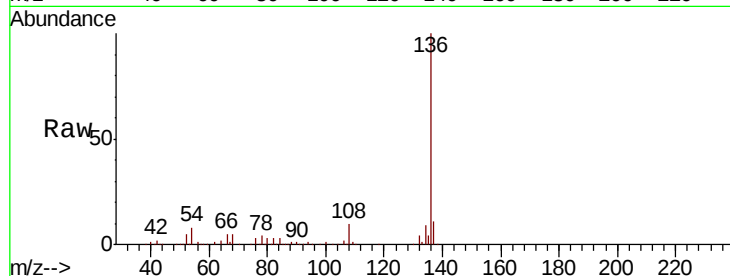




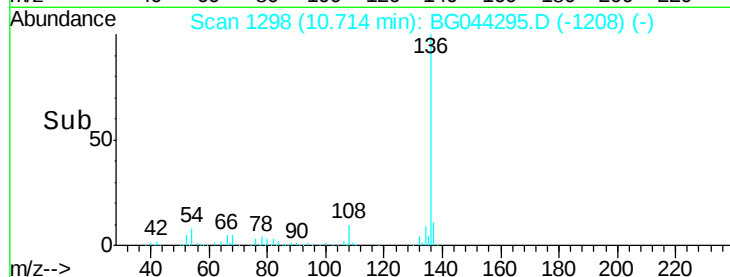
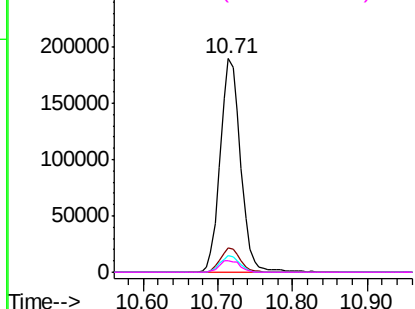
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044295.D
Acq: 5 Feb 2020 00:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	360426
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	7.6	5.8 8.8
68	5.5	4.6 6.8

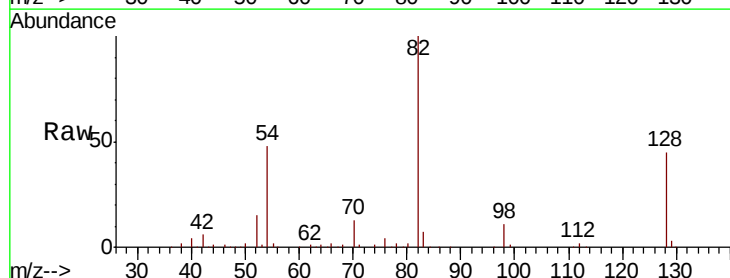


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

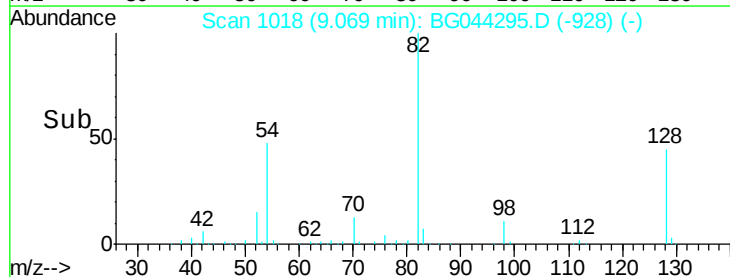
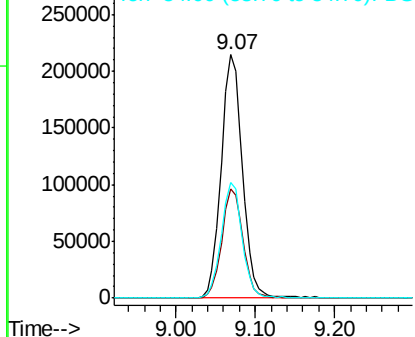


#23
Nitrobenzene-d5
Concen: 62.711 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044295.D
Acq: 5 Feb 2020 00:31

Tgt Ion: 82	Resp:	400358
Ion	Ratio	Lower Upper
82	100	
128	45.0	36.5 54.7
54	47.7	38.6 58.0



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: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

Instrument :

BNA_G

ClientSampleId :

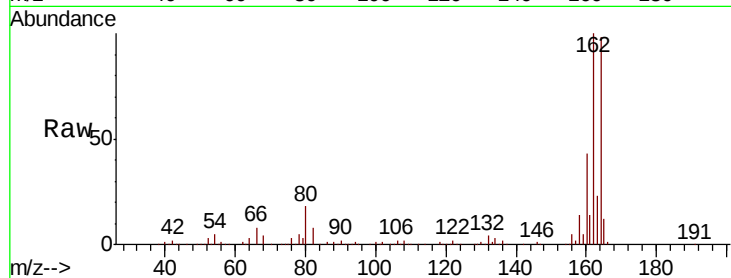
Tot Ion:164 Resp: 247108

Ion Ratio Lower Upper

164 100

162 102.2 80.7 121.1

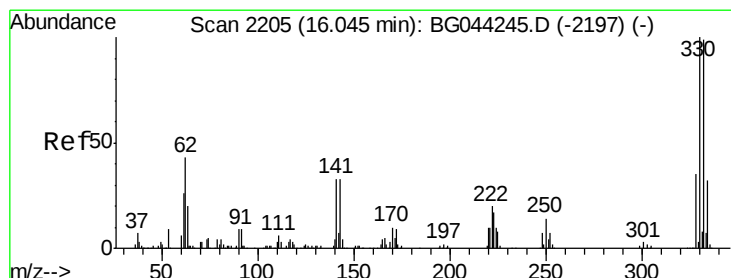
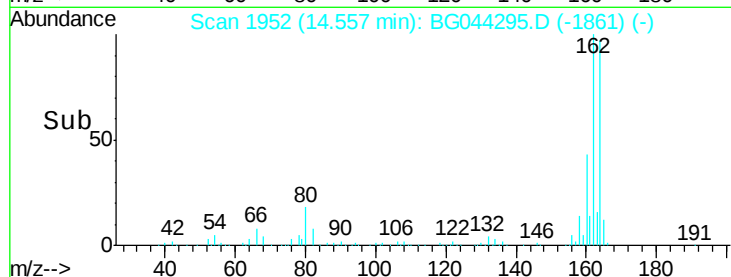
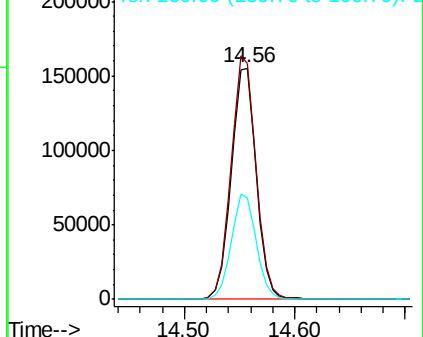
160 43.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 96.220 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

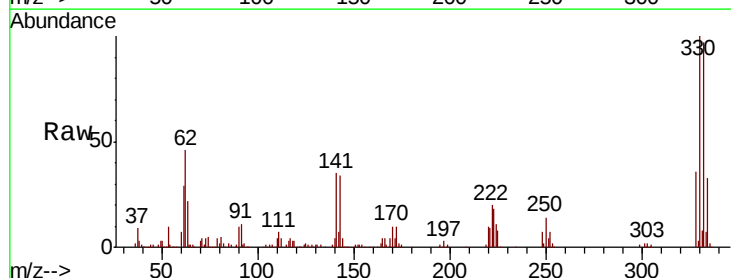
Tgt Ion:330 Resp: 279126

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

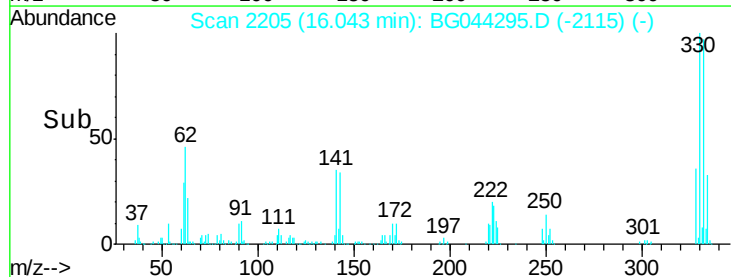
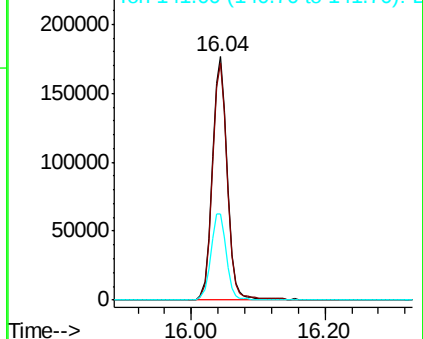
141 36.4 28.3 42.5



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

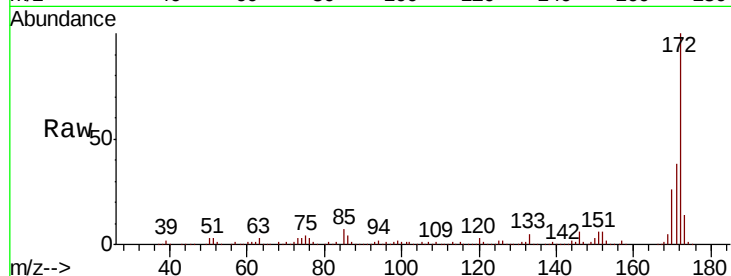




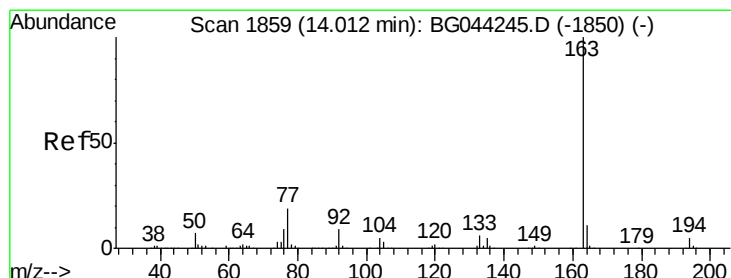
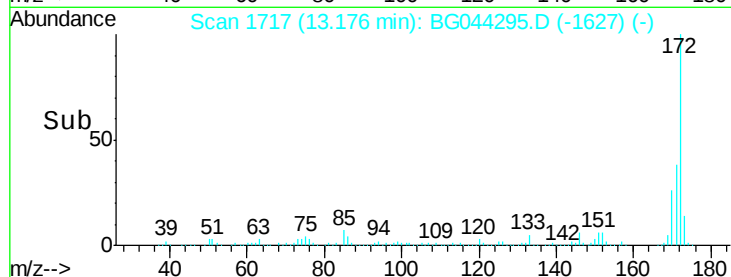
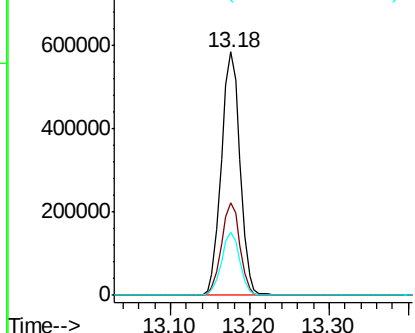
#45
 2-Fluorobiphenyl
 Concen: 64.998 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044295.D
 Acq: 5 Feb 2020 00:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 959152
 Ion Ratio Lower Upper
 172 100
 171 37.9 32.9 49.3
 170 25.7 22.0 33.0

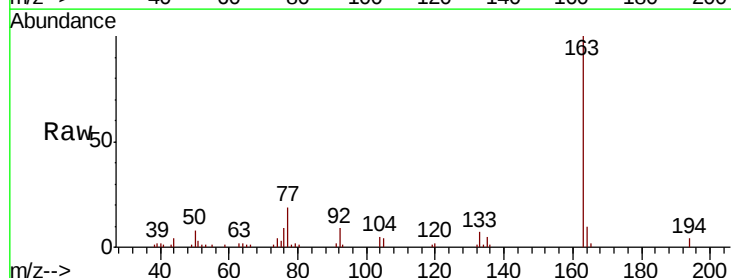


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

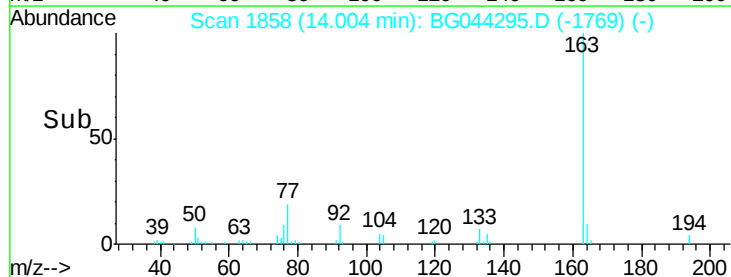
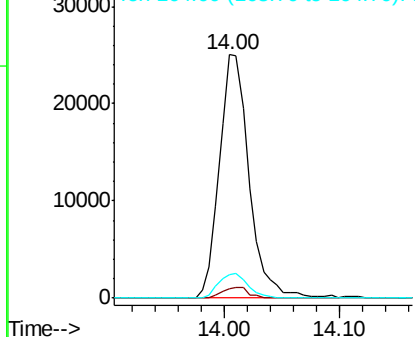


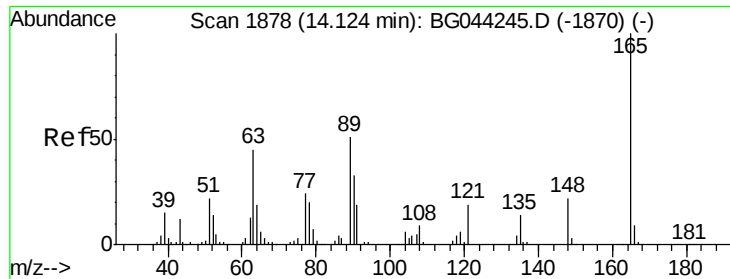
#50
 Dimethylphthalate
 Concen: 2.519 ng
 RT: 14.00 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG044295.D
 Acq: 5 Feb 2020 00:31

Tgt Ion:163 Resp: 44744
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.6 5.4
 164 9.9 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





#51

2,6-Dinitrotoluene

Concen: 8.169 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.43 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

Instrument :

BNA_G

ClientSampleId :

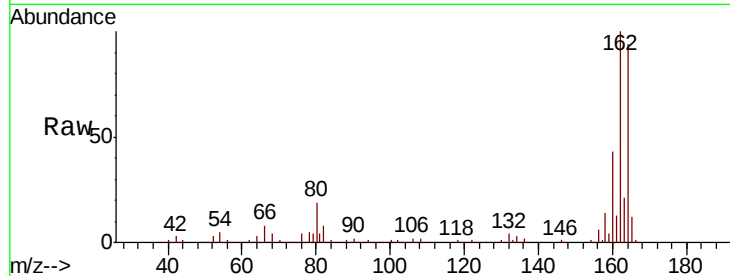
Tot Ion:165 Resp: 32353

Ion Ratio Lower Upper

165 100

63 1.2 38.7 58.1#

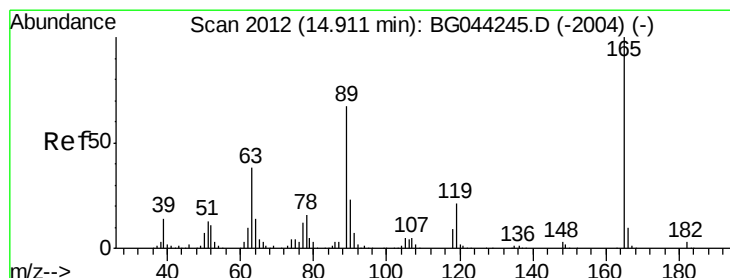
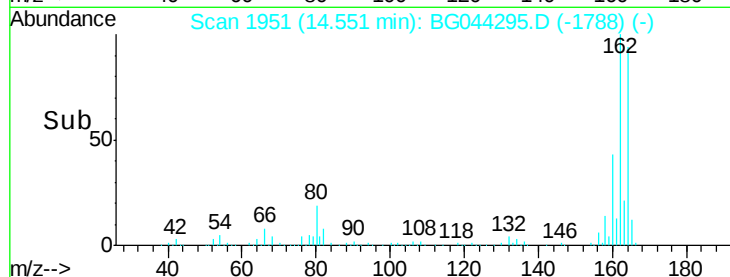
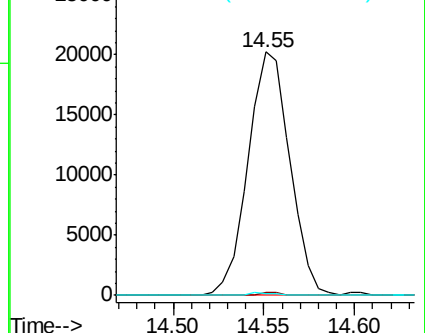
89 0.9 40.4 60.6#



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



#57

2,4-Dinitrotoluene

Concen: 5.828 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.36 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

Tgt Ion:165 Resp: 32353

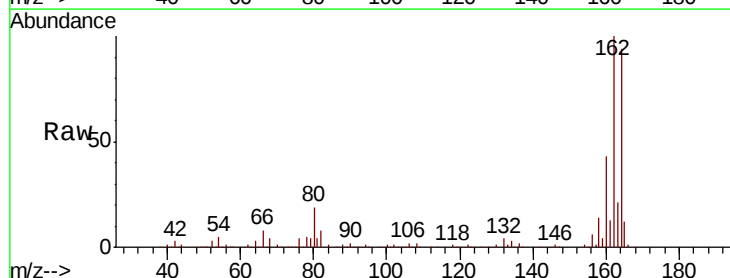
Ion Ratio Lower Upper

165 100

63 1.2 30.3 45.5#

89 0.9 53.4 80.2#

182 0.0 2.1 3.1#

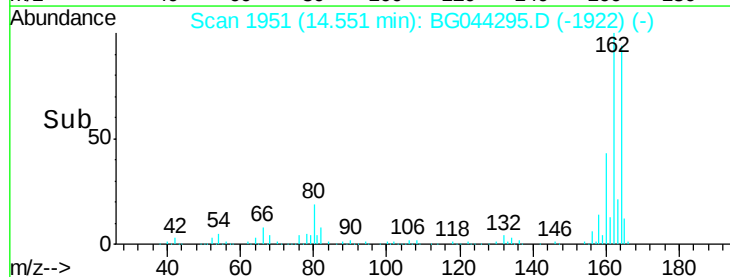
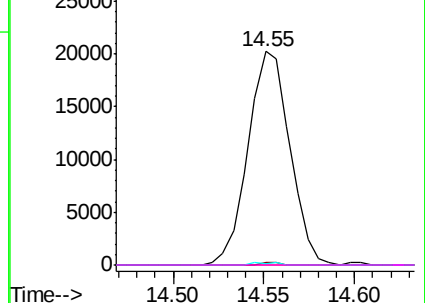


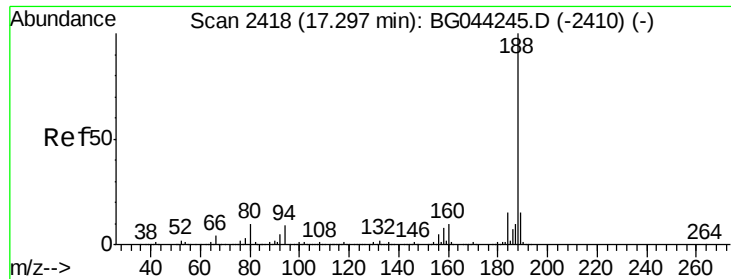
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2419

Delta R.T. 0.00 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

Instrument :

BNA_G

ClientSampled :

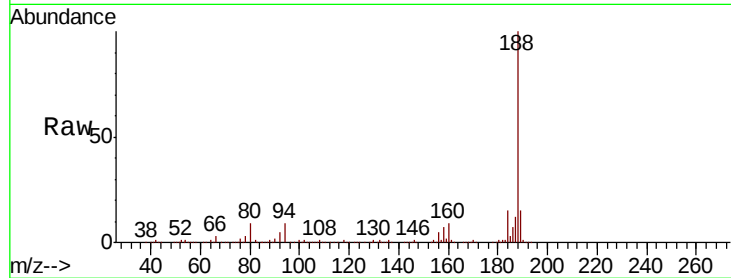
Tot Ion:188 Resp: 567950

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

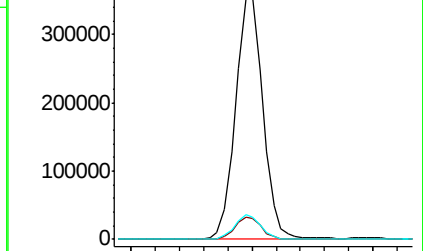
80 9.3 7.7 11.5



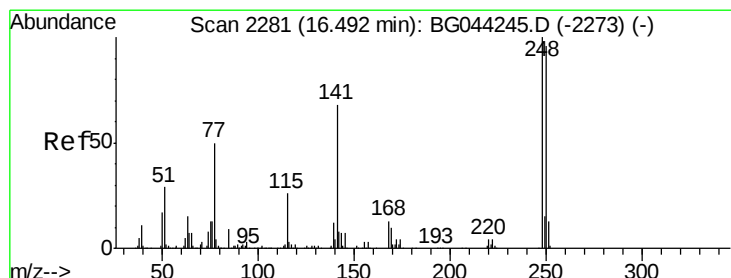
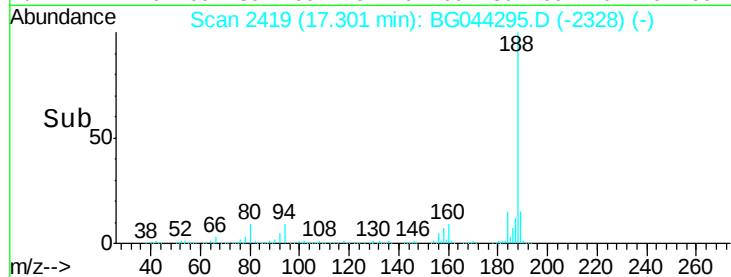
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.135 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

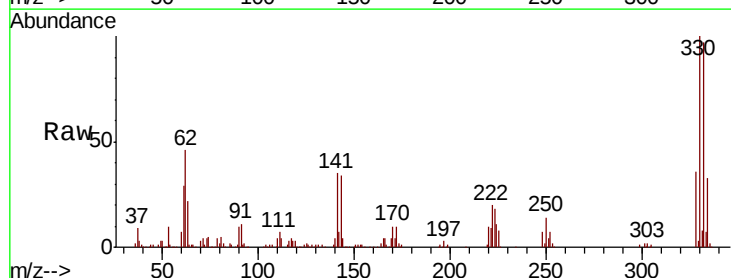
Tgt Ion:248 Resp: 19400

Ion Ratio Lower Upper

248 100

250 197.9 76.6 114.8#

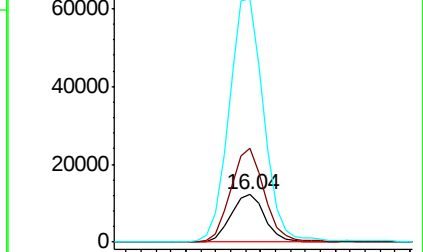
141 513.5 54.7 82.1#



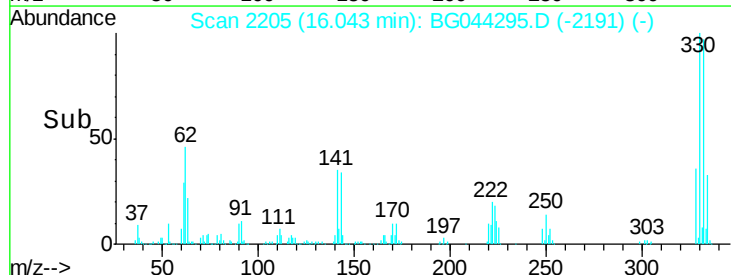
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

Instrument :

BNA_G

ClientSampleId :

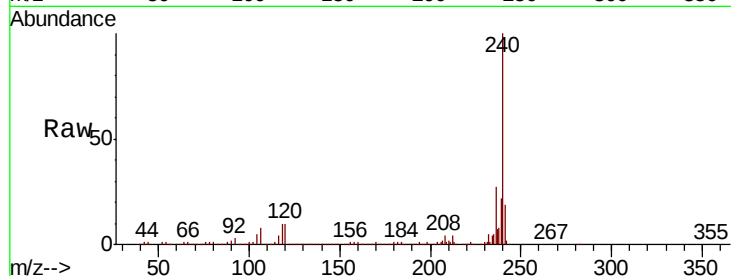
Tot Ion:240 Resp: 503763

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

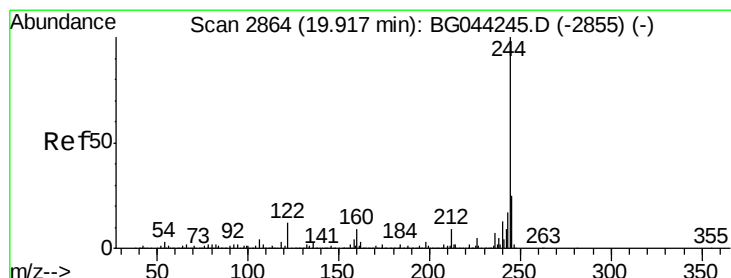
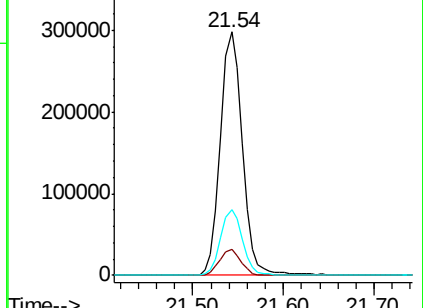
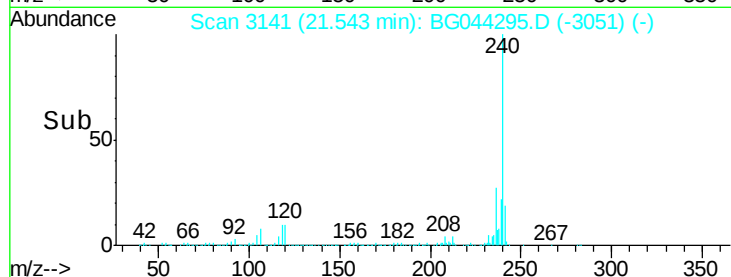
236 27.0 22.1 33.1



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



#79

Terphenyl-d14

Concen: 64.198 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044295.D

Acq: 5 Feb 2020 00:31

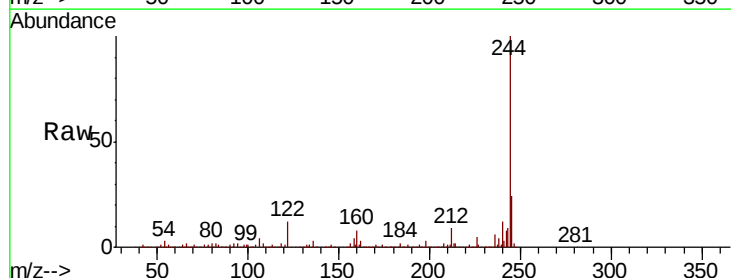
Tgt Ion:244 Resp: 1572308

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

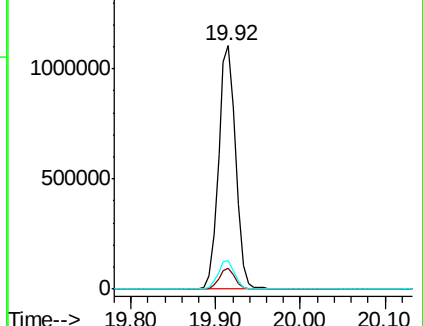
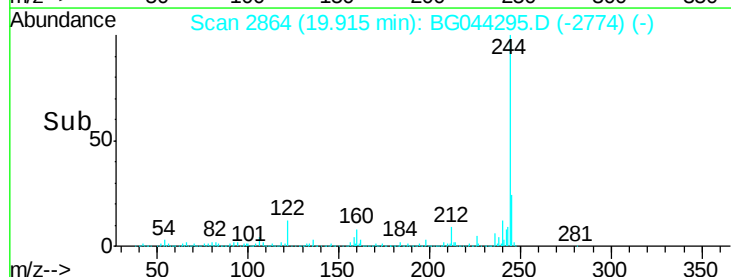
122 11.6 9.8 14.6

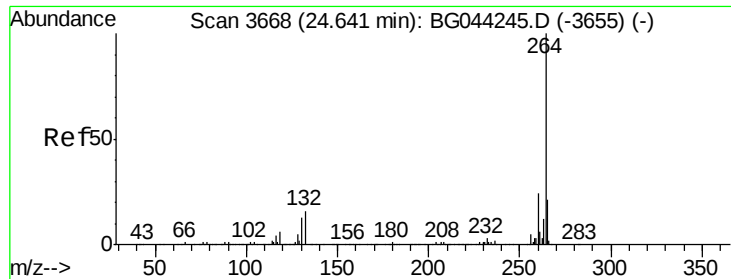


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044295.D
Acq: 5 Feb 2020 00:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 555391

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	22.4	16.7	25.1

