

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022820\
 Data File : BG044617.D
 Acq On : 28 Feb 2020 12:47
 Operator : CG/JU
 Sample : PB127132BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 07:41:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 07:39:08 2020
 Response via : Initial Calibration

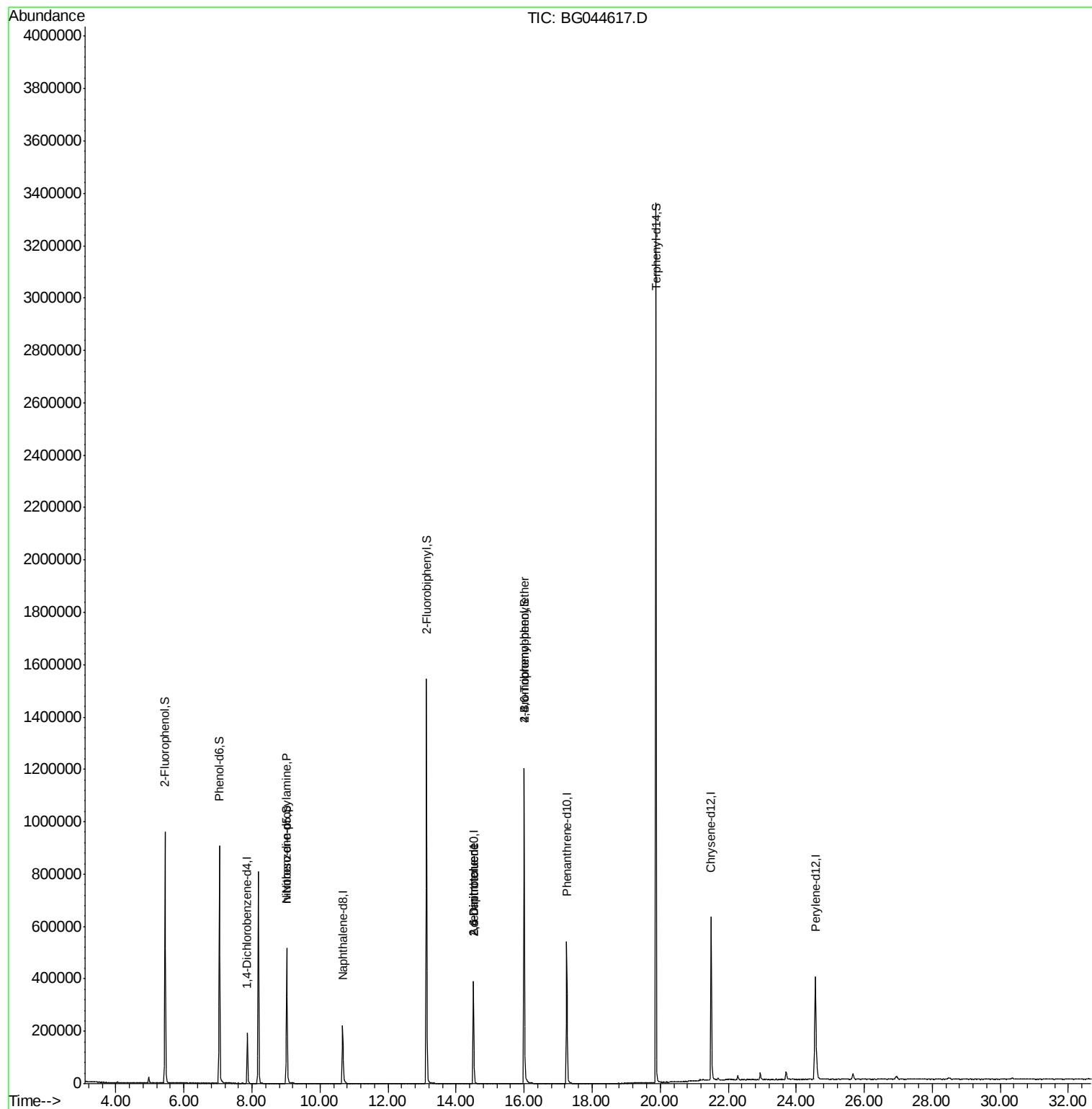
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	58707	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	235236	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	157362	20.00	ng	0.00
64) Phenanthrene-d10	17.25	188	394618	20.00	ng	0.00
76) Chrysene-d12	21.50	240	409438	20.00	ng	0.00
87) Perylene-d12	24.56	264	423969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	482139	131.77	ng	0.00
7) Phenol-d6	7.04	99	600756	119.95	ng	0.00
23) Nitrobenzene-d5	9.02	82	359821	78.80	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	268781	120.46	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	873652	79.50	ng	0.00
79) Terphenyl-d14	19.87	244	1690279	78.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	45064	13.998	ng	# 81
51) 2,6-Dinitrotoluene	14.51	165	20382	7.276	ng	# 31
57) 2,4-Dinitrotoluene	14.51	165	20382	5.175	ng	# 30
67) 4-Bromophenyl-phenylether	16.00	248	17526	3.578	ng	# 1

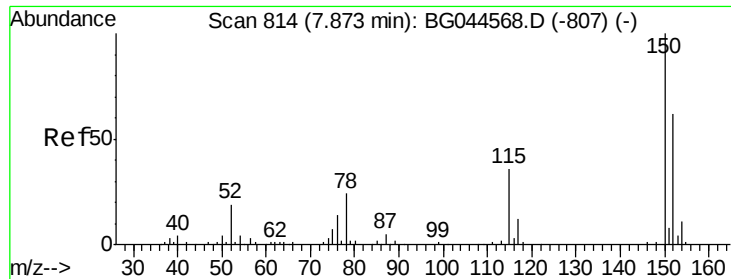
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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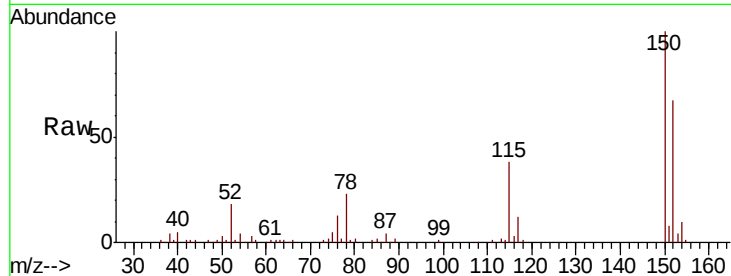


#1

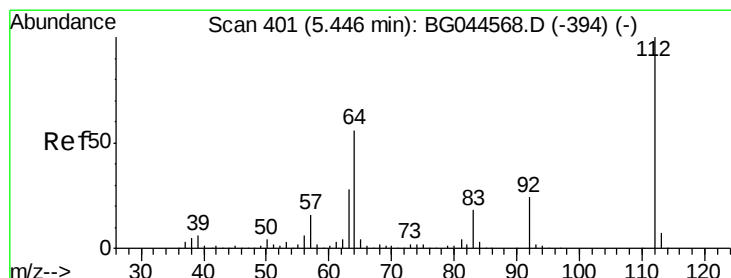
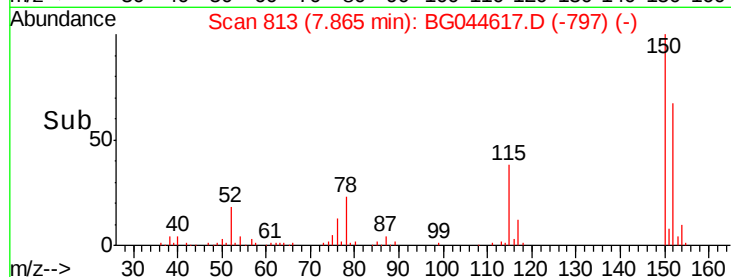
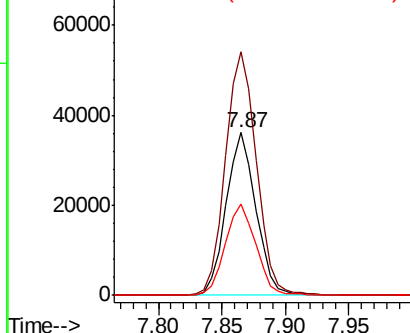
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG044617.D
Acq: 28 Feb 2020 12:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58707
Ion Ratio Lower Upper
152 100
150 149.5 128.9 193.3
115 56.1 47.0 70.4



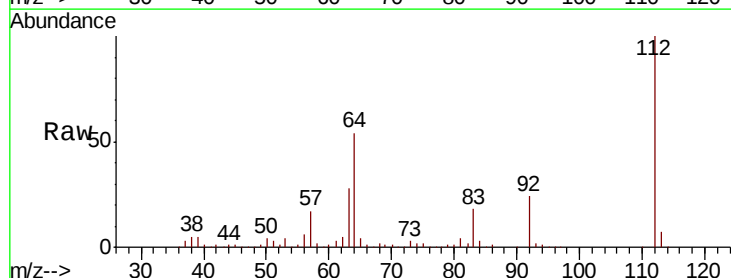
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



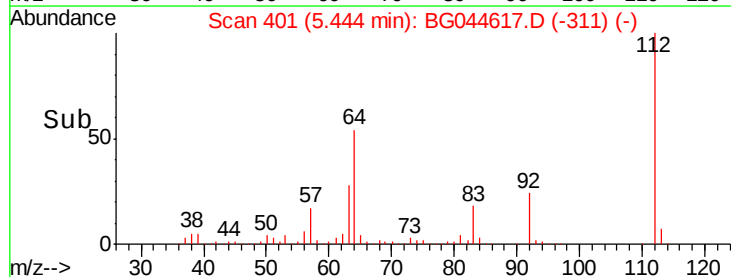
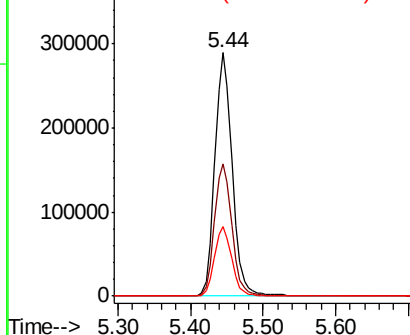
#5

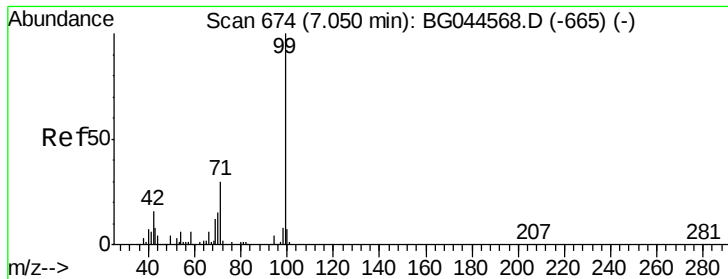
2-Fluorophenol
Concen: 131.769 ng
RT: 5.44 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG044617.D
Acq: 28 Feb 2020 12:47

Tgt Ion:112 Resp: 482139
Ion Ratio Lower Upper
112 100
64 54.4 44.8 67.2
63 28.4 22.3 33.5



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: 119.949 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044617.D

Acq: 28 Feb 2020 12:47

Instrument :

BNA_G

ClientSampled :

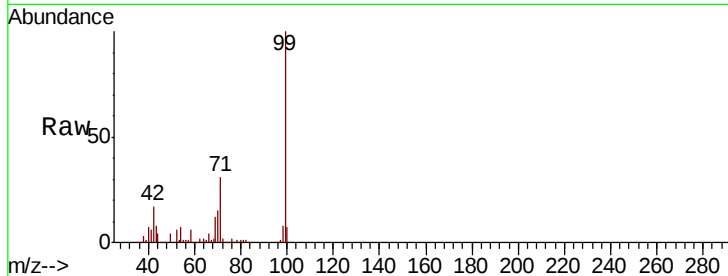
Tot Ion: 99 Resp: 600756

Ion Ratio Lower Upper

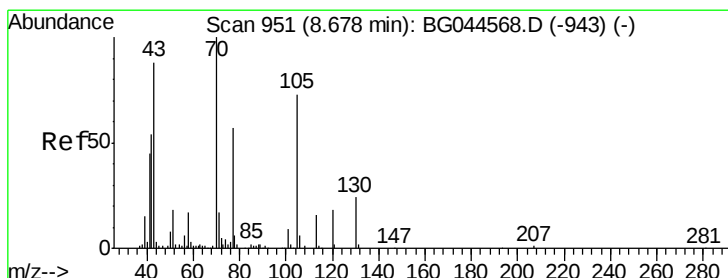
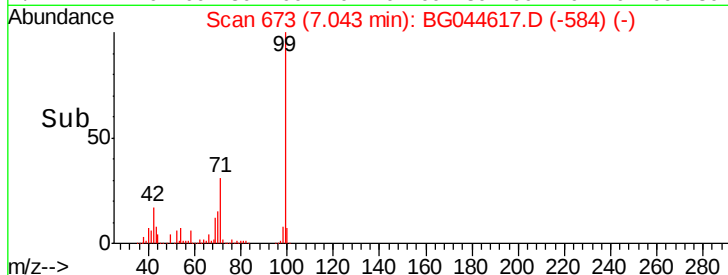
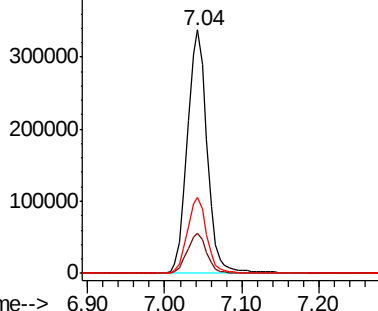
99 100

42 16.7 12.8 19.2

71 31.0 24.4 36.6



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: 13.998 ng

RT: 9.02 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG044617.D

Acq: 28 Feb 2020 12:47

Tgt Ion: 70 Resp: 45064

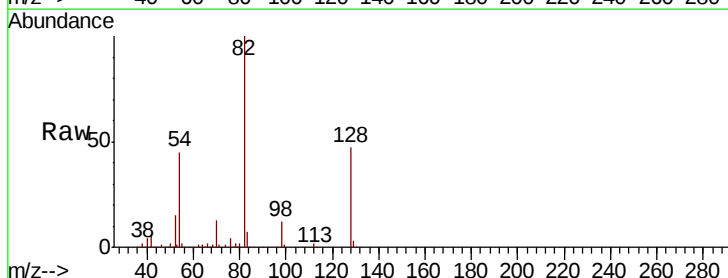
Ion Ratio Lower Upper

70 100

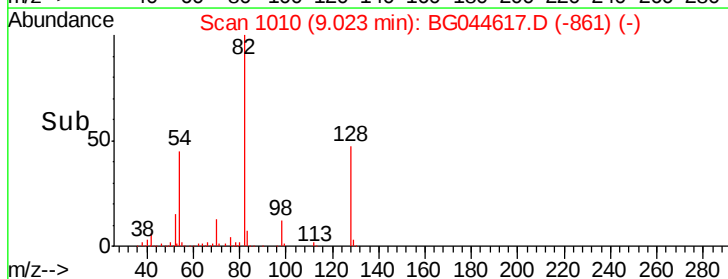
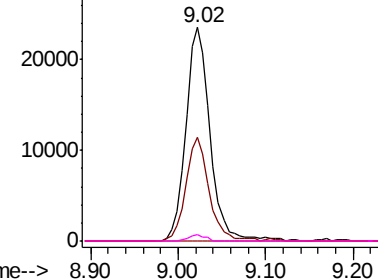
42 48.8 43.4 65.0

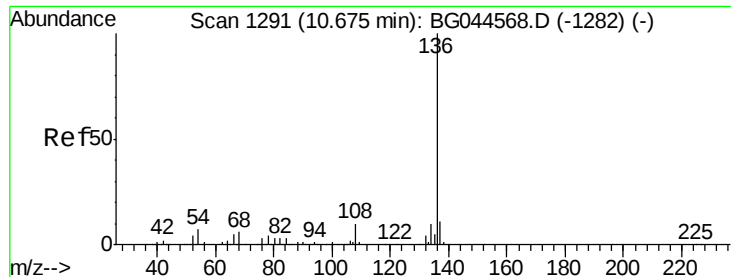
101 0.0 7.5 11.3#

130 2.8 18.9 28.3#



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

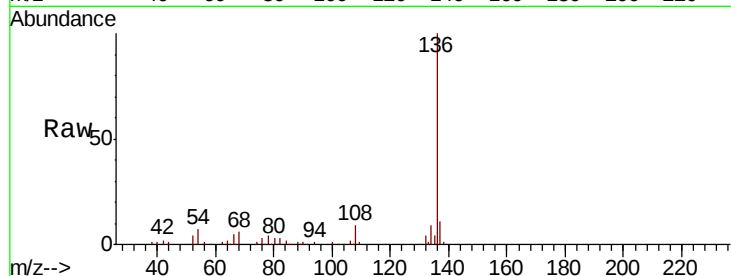




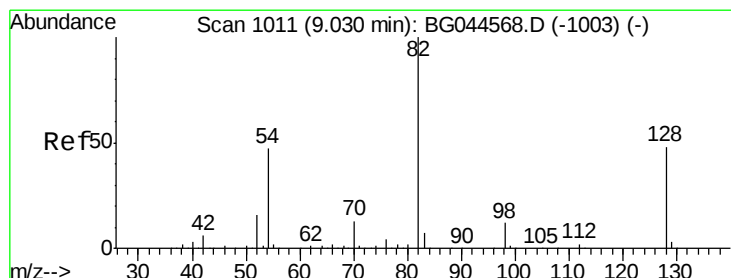
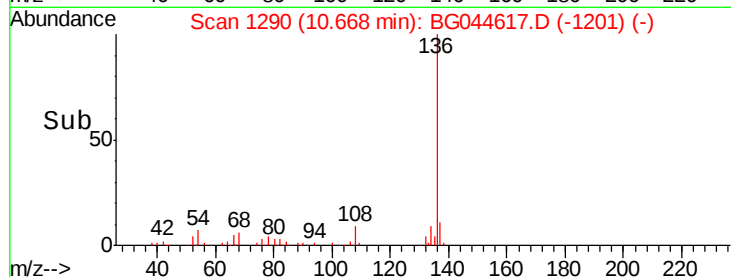
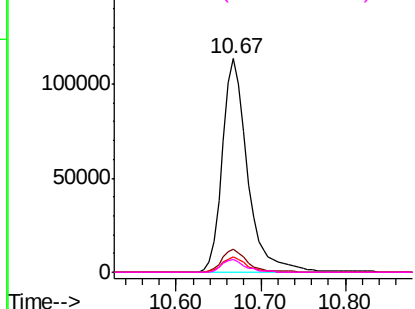
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG044617.D
Acq: 28 Feb 2020 12:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	235236
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	7.2	5.7 8.5
68	5.7	4.5 6.7

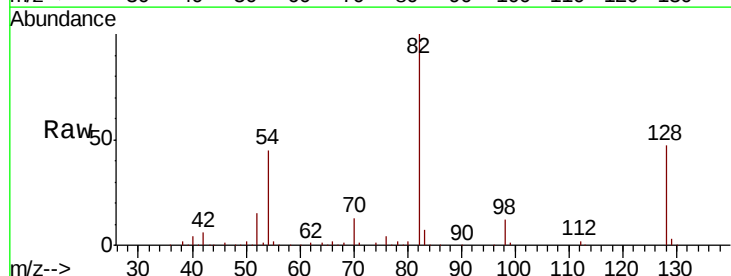


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

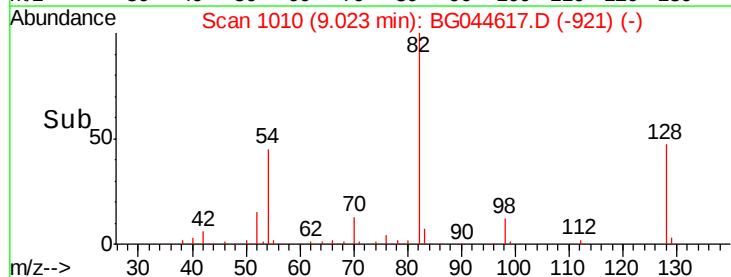
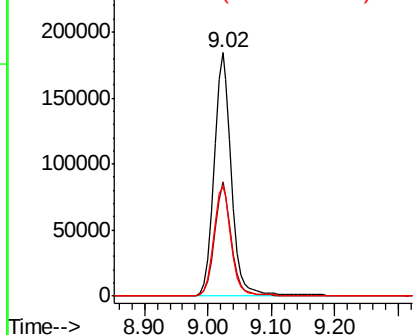


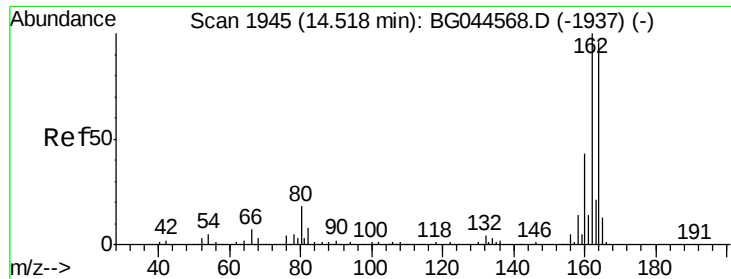
#23
Nitrobenzene-d5
Concen: 78.803 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG044617.D
Acq: 28 Feb 2020 12:47

Tgt Ion: 82	Resp:	359821
Ion	Ratio	Lower Upper
82	100	
128	47.0	38.1 57.1
54	45.0	37.5 56.3



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

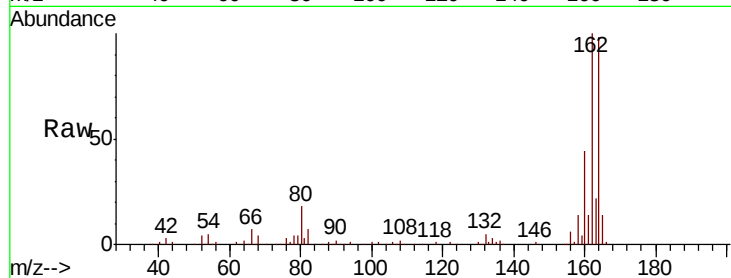




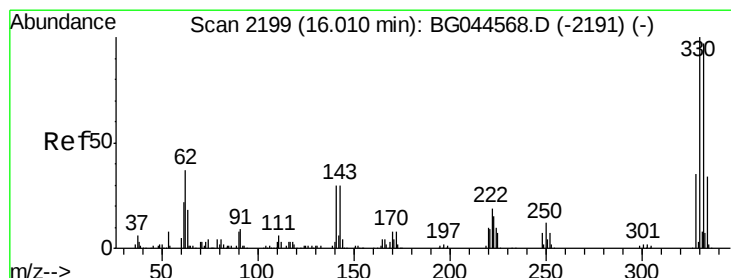
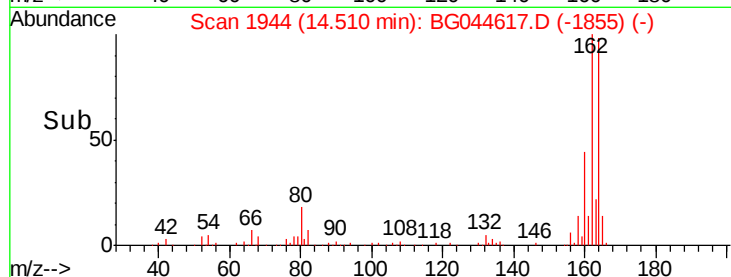
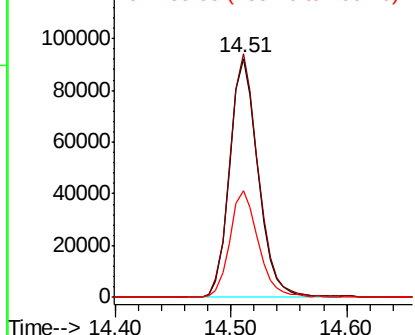
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG044617.D
 Acq: 28 Feb 2020 12:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 157362
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.6 125.4
 160 44.7 36.2 54.4

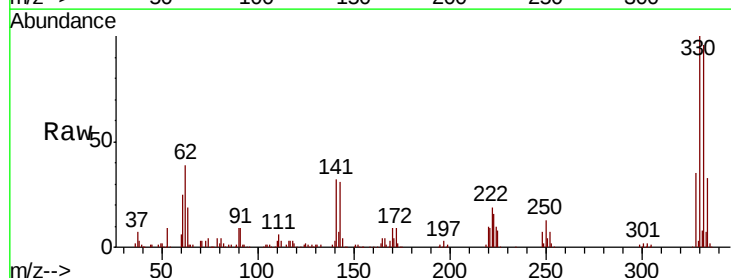


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

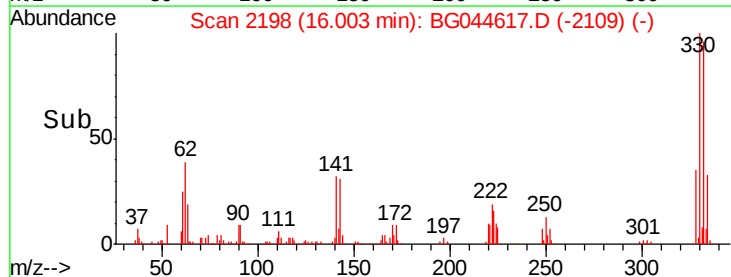
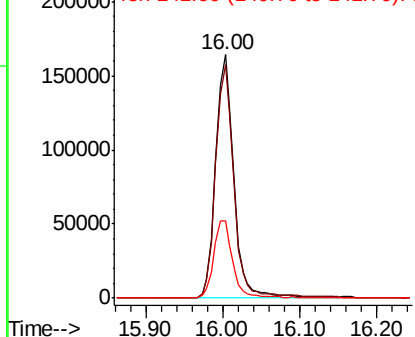


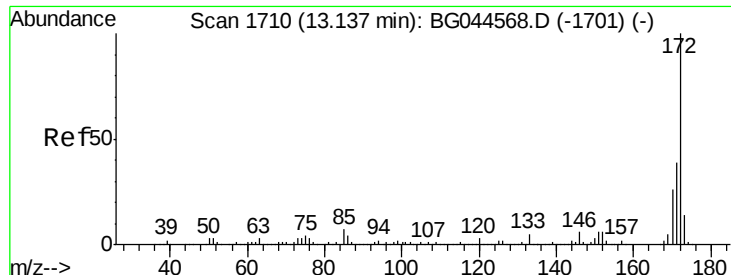
#42
 2,4,6-Tribromophenol
 Concen: 120.461 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG044617.D
 Acq: 28 Feb 2020 12:47

Tgt Ion:330 Resp: 268781
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 33.0 26.1 39.1



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

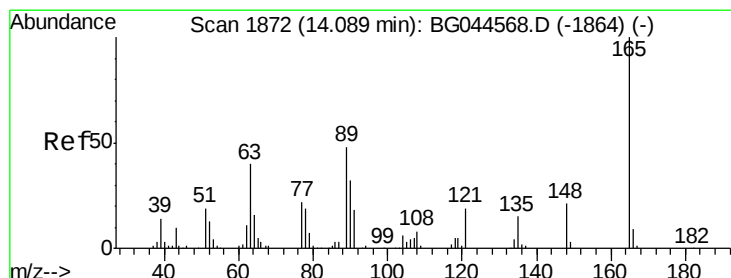
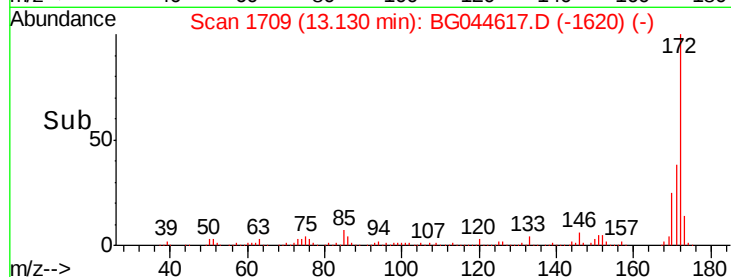
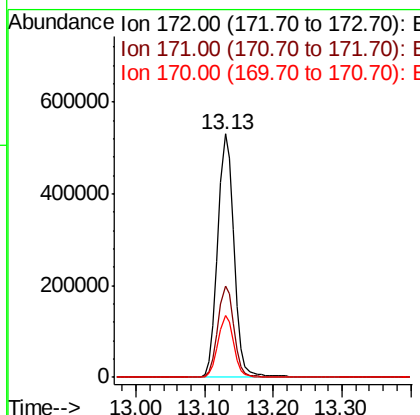
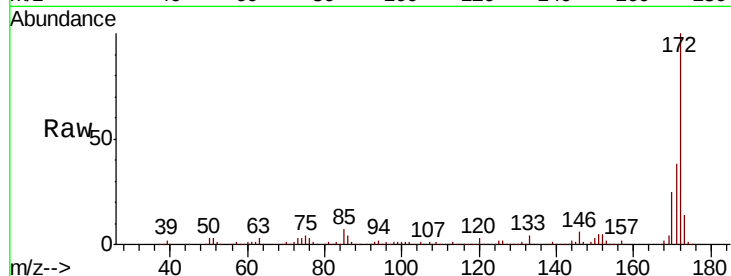




#45
 2-Fluorobiphenyl
 Concen: 79.502 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG044617.D
 Acq: 28 Feb 2020 12:47

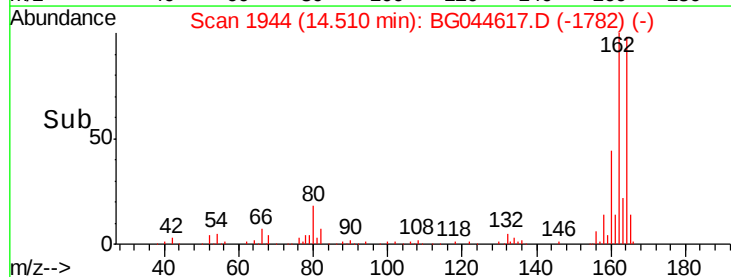
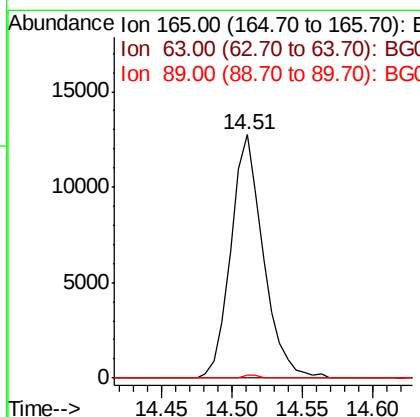
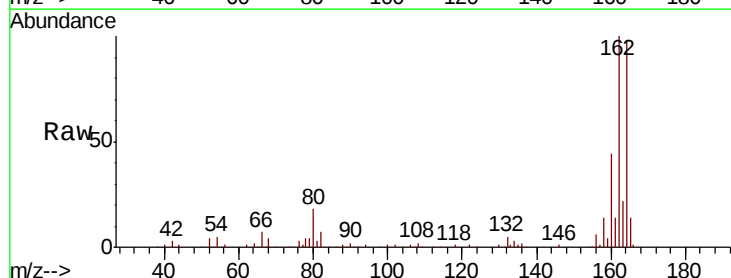
Instrument :
 BNA_G
 ClientSampleId :

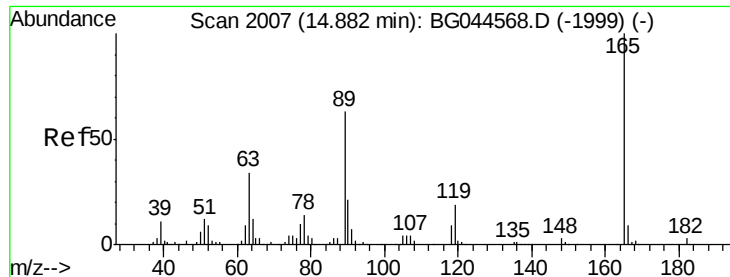
Tot Ion:172 Resp: 873652
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.3 46.9
 170 25.2 21.0 31.4



#51
 2,6-Dinitrotoluene
 Concen: 7.276 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG044617.D
 Acq: 28 Feb 2020 12:47

Tgt Ion:165 Resp: 20382
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.8 53.6#
 89 1.4 38.7 58.1#

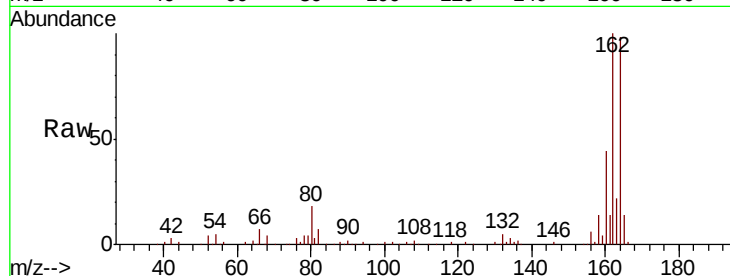




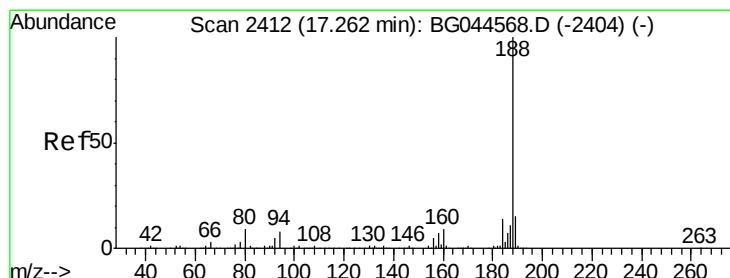
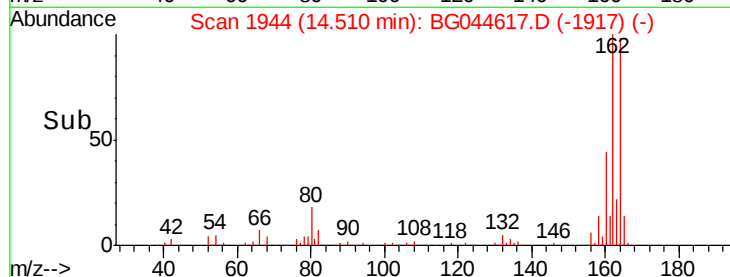
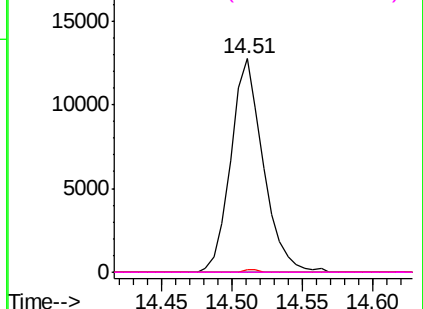
#57
 2,4-Dinitrotoluene
 Concen: 5.175 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG044617.D
 Acq: 28 Feb 2020 12:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	1.4	50.0	75.0#
182	0.0	2.3	3.5#

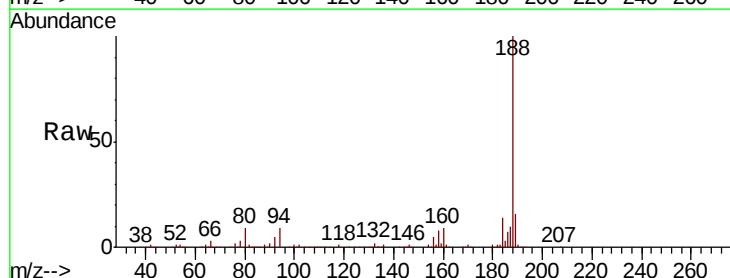


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

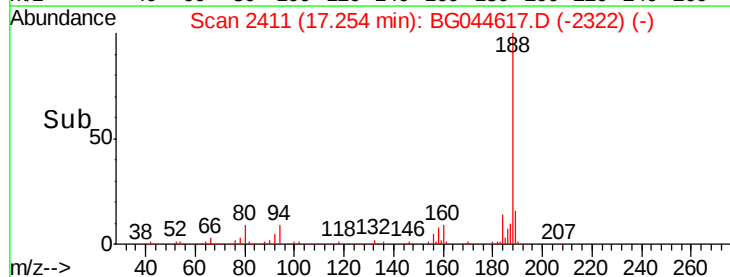
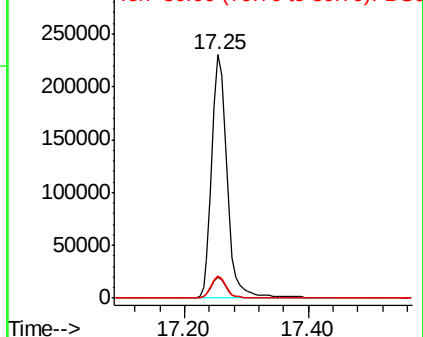


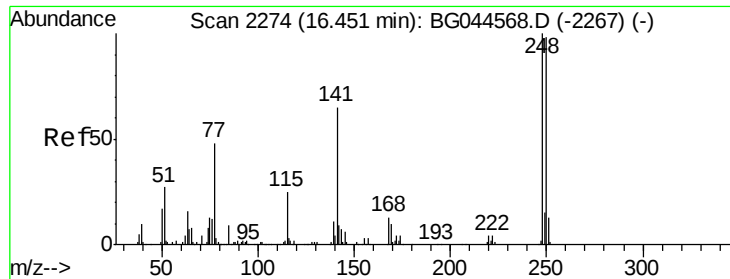
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.25 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG044617.D
 Acq: 28 Feb 2020 12:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.1	7.6	11.4



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

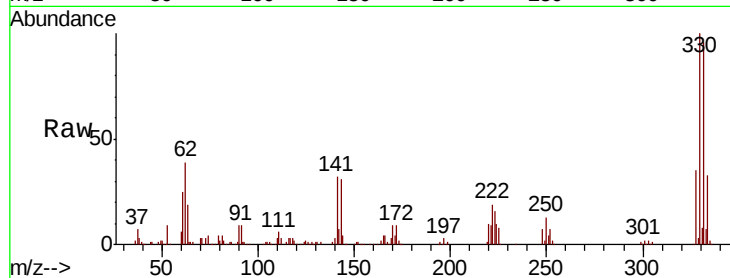




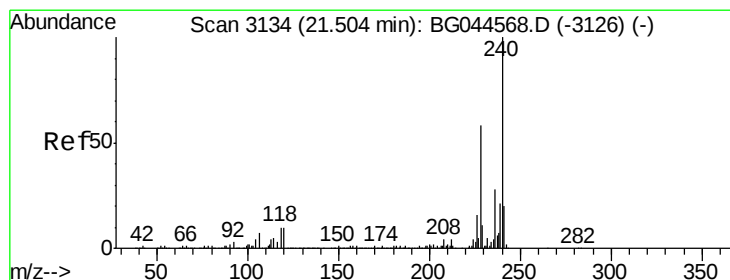
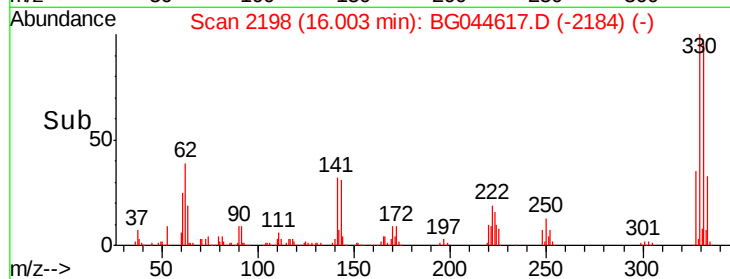
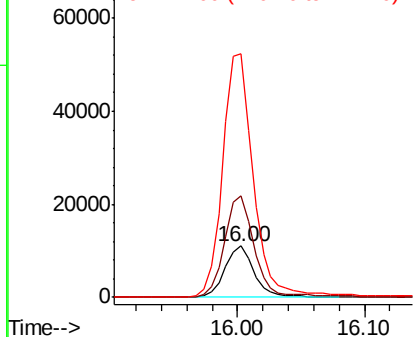
#67
 4-Bromophenyl-phenylether
 Concen: 3.578 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044617.D
 Acq: 28 Feb 2020 12:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17526
 Ion Ratio Lower Upper
 248 100
 250 198.6 78.7 118.1#
 141 475.6 52.3 78.5#

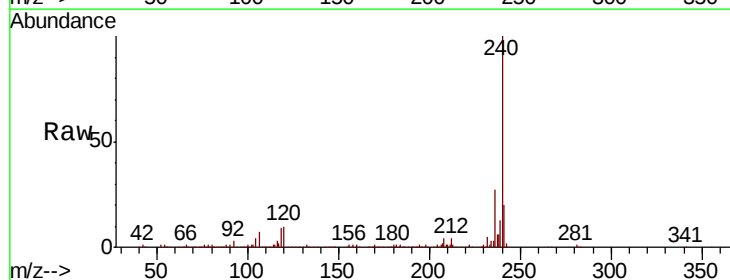


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

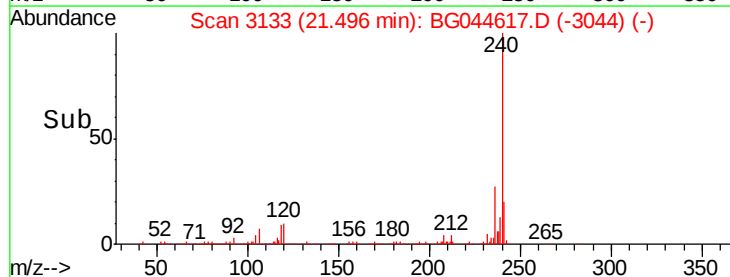
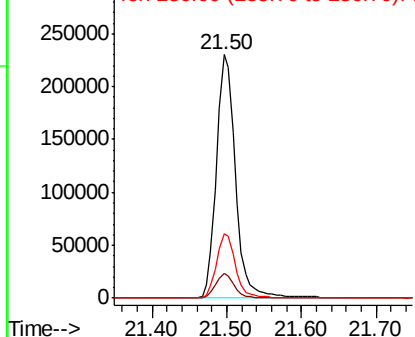


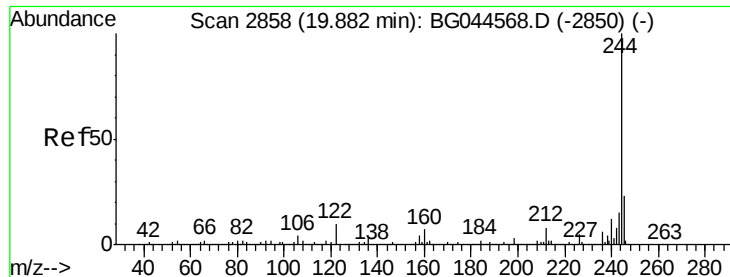
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG044617.D
 Acq: 28 Feb 2020 12:47

Tgt Ion:240 Resp: 409438
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 26.7 22.3 33.5



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: 78.151 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044617.D

Acq: 28 Feb 2020 12:47

Instrument :

BNA_G

ClientSampleId :

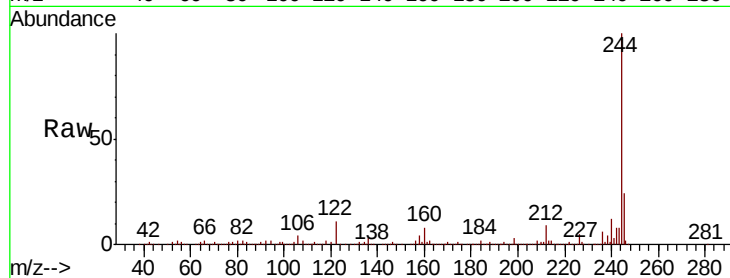
Tot Ion:244 Resp: 1690279

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

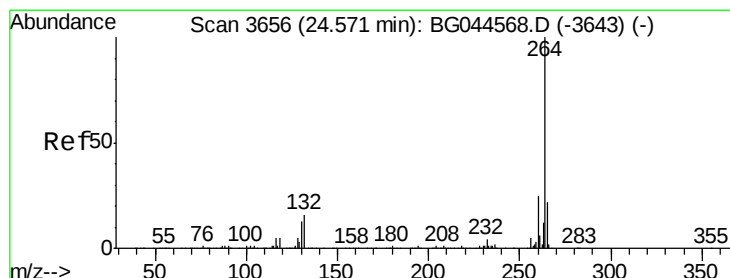
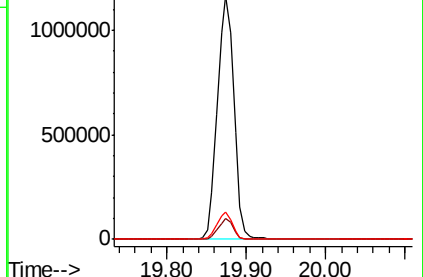
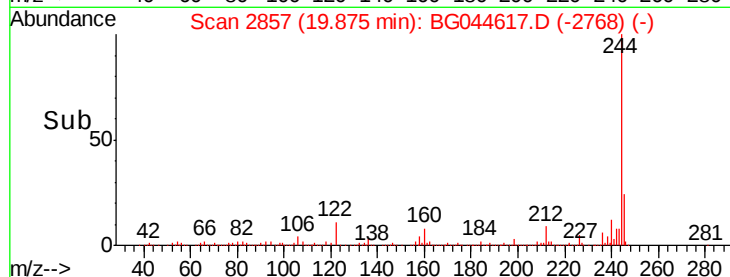
122 11.0 8.2 12.4



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: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044617.D

Acq: 28 Feb 2020 12:47

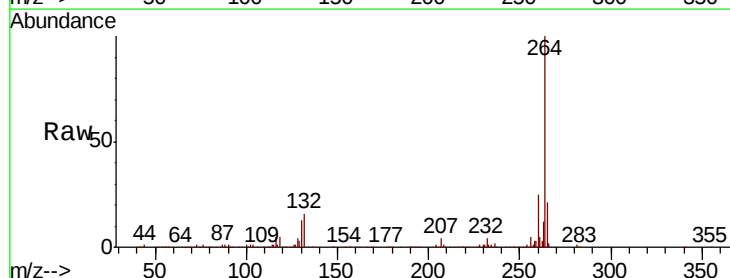
Tgt Ion:264 Resp: 423969

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 21.3 17.8 26.8



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

