

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044554.D
 Acq On : 21 Feb 2020 18:16
 Operator : CG/JU
 Sample : L1586-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 22 05:51:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

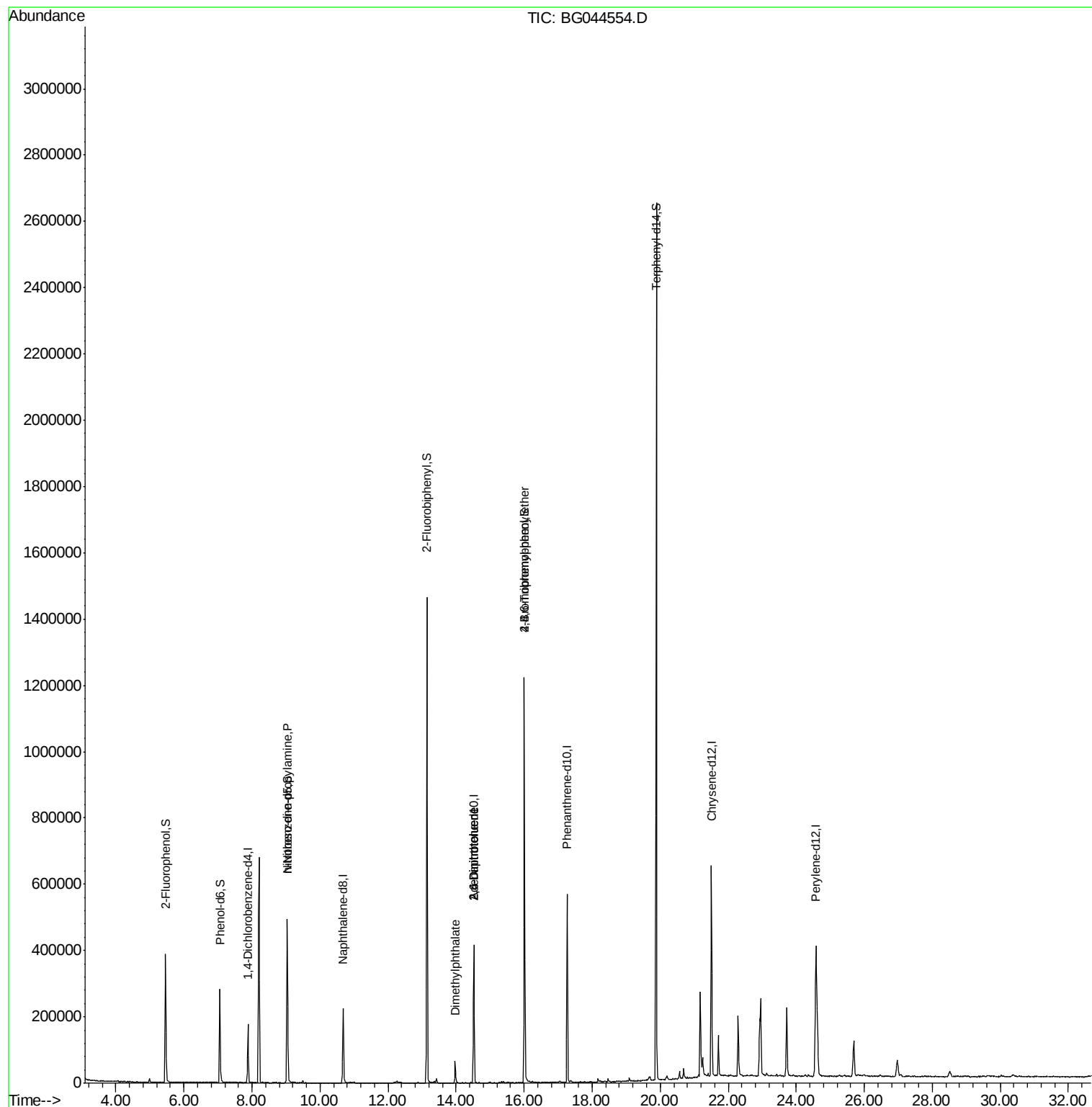
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	55727	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	226566	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	153104	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	374035	20.00	ng	0.00
76) Chrysene-d12	21.51	240	360428	20.00	ng	0.00
87) Perylene-d12	24.58	264	407142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	201343	63.76	ng	0.00
7) Phenol-d6	7.05	99	194041	45.76	ng	0.00
23) Nitrobenzene-d5	9.03	82	337851	84.19	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	250085	139.14	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	815434	89.19	ng	0.00
79) Terphenyl-d14	19.89	244	1340531	76.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	43892	15.532	ng	Qvalue # 76
50) Dimethylphthalate	13.97	163	52697	4.788	ng	96
51) 2,6-Dinitrotoluene	14.52	165	20224	8.242	ng	# 30
57) 2,4-Dinitrotoluene	14.52	165	20224	5.880	ng	# 28
67) 4-Bromophenyl-phenylether	16.01	248	17117	4.200	ng	# 1

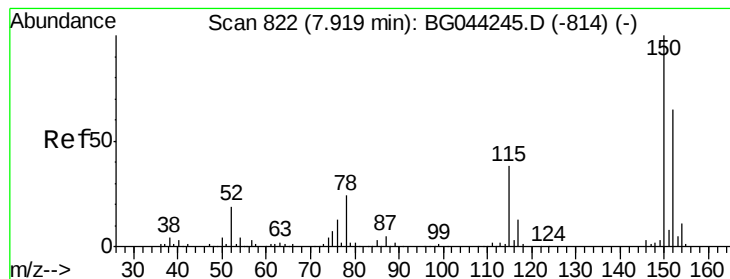
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



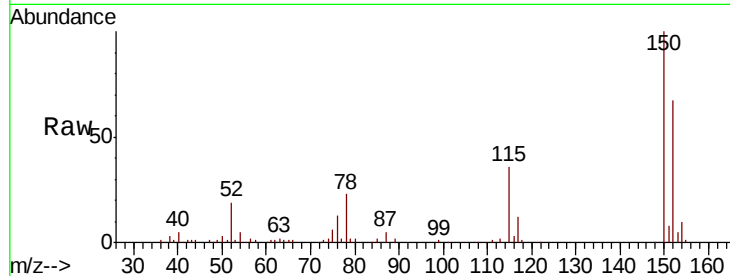


#1

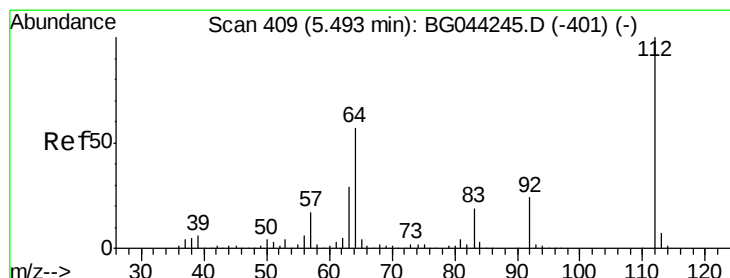
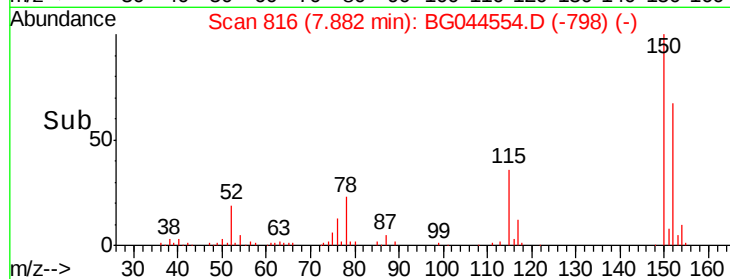
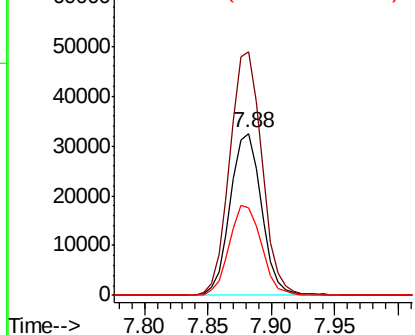
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BG044554.D
 Acq: 21 Feb 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.1	184.7
115	53.8	45.1	67.7



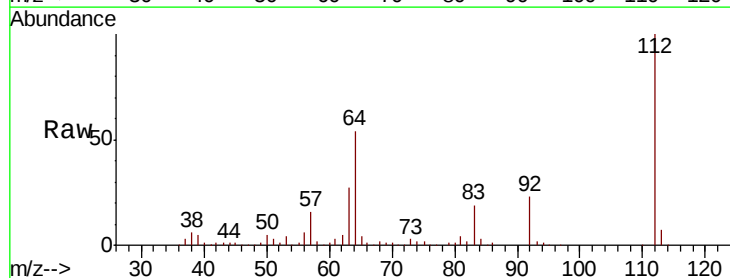
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



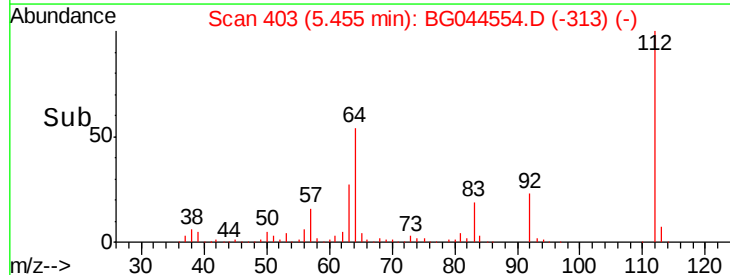
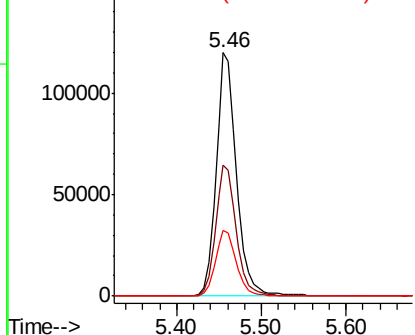
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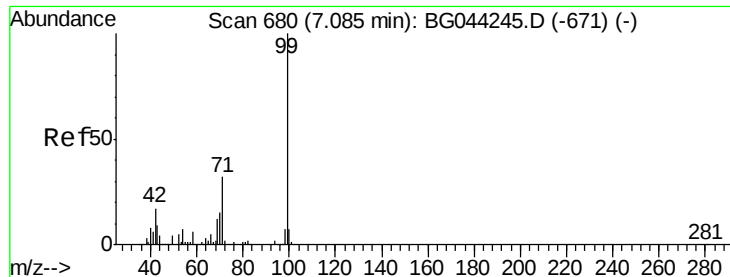
2-Fluorophenol
 Concen: 63.764 ng
 RT: 5.46 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BG044554.D
 Acq: 21 Feb 2020 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	44.5	66.7
63	27.2	22.2	33.2



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: 45.762 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044554.D

Acq: 21 Feb 2020 18:16

Instrument :

BNA_G

ClientSampleId :

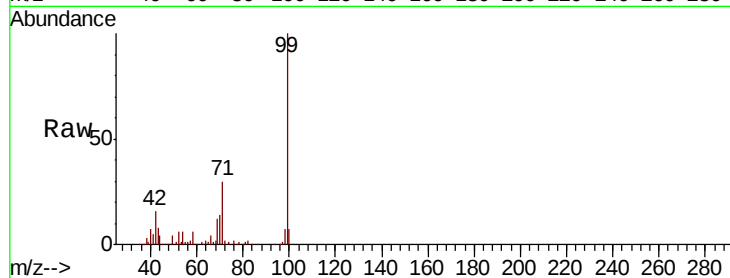
Tot Ion: 99 Resp: 194041

Ion Ratio Lower Upper

99 100

42 16.4 13.4 20.0

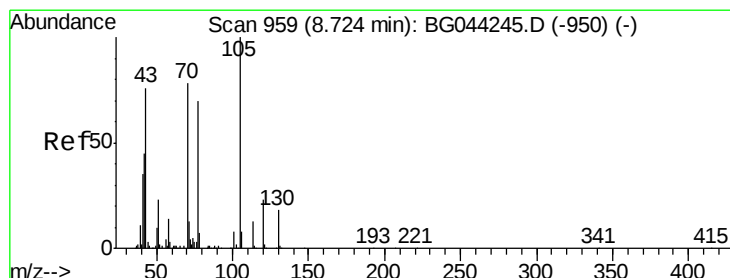
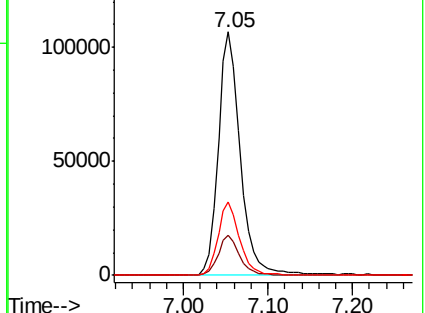
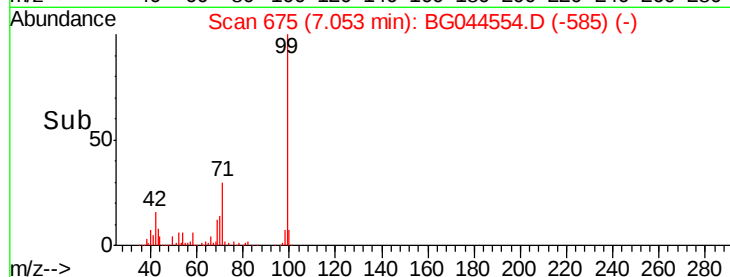
71 30.1 24.7 37.1



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: 15.532 ng

RT: 9.03 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG044554.D

Acq: 21 Feb 2020 18:16

Tgt Ion: 70 Resp: 43892

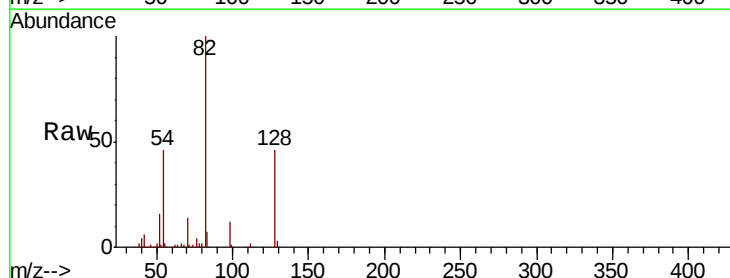
Ion Ratio Lower Upper

70 100

42 43.0 44.0 66.0#

101 0.0 7.6 11.4#

130 2.9 18.2 27.2#

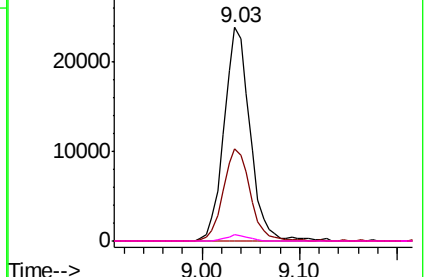
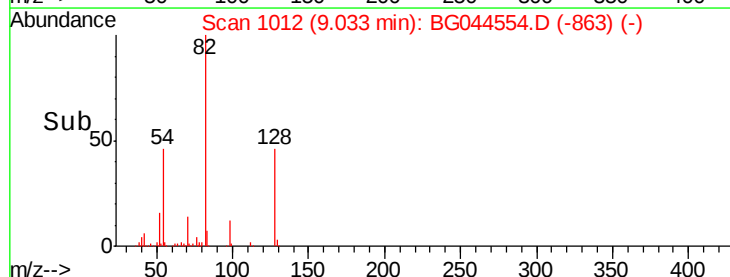


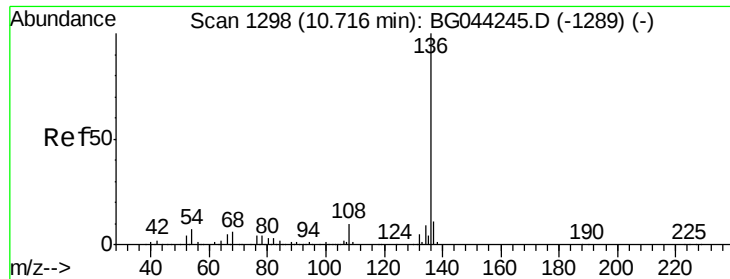
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

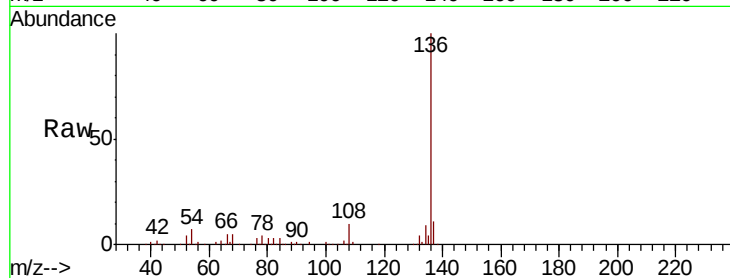




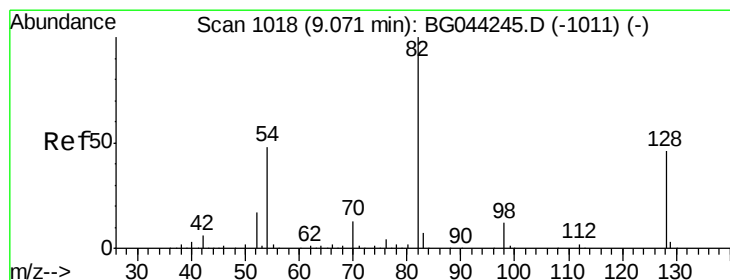
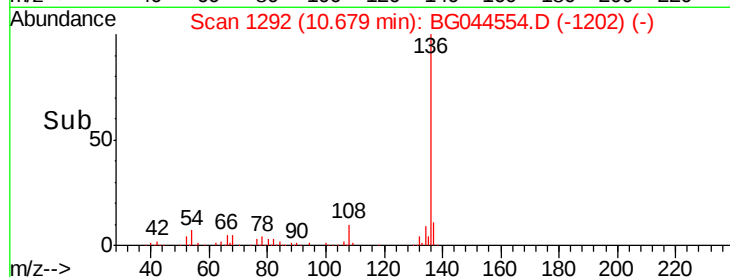
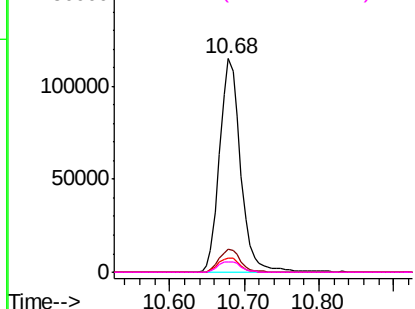
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG044554.D
Acq: 21 Feb 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	226566
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.0 13.6
54	6.8	5.5 8.3
68	5.1	4.6 6.8

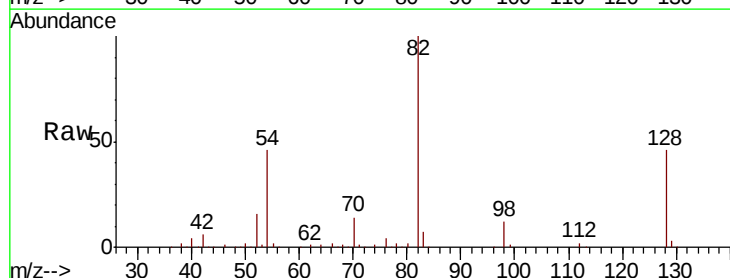


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

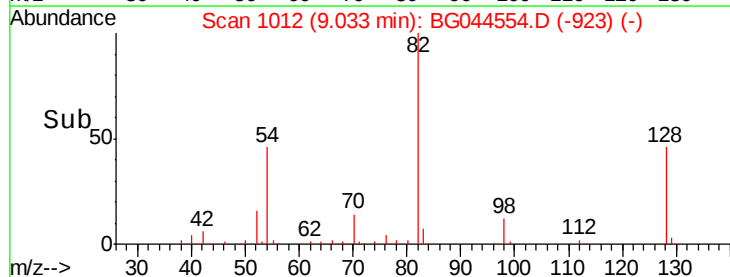
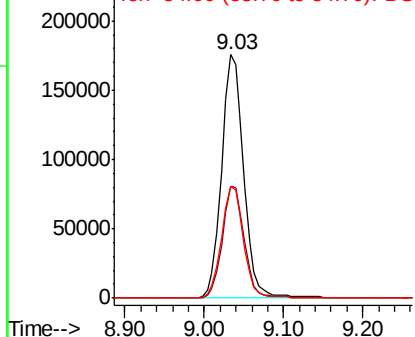


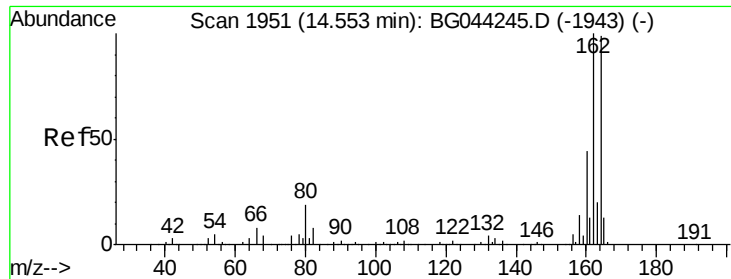
#23
Nitrobenzene-d5
Concen: 84.187 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG044554.D
Acq: 21 Feb 2020 18:16

Tgt Ion: 82	Resp:	337851
Ion	Ratio	Lower Upper
82	100	
128	45.8	39.1 58.7
54	46.1	37.9 56.9



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

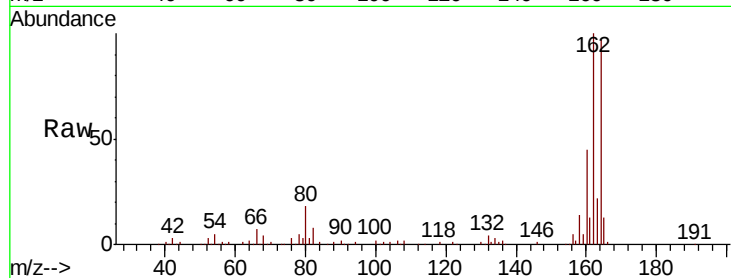




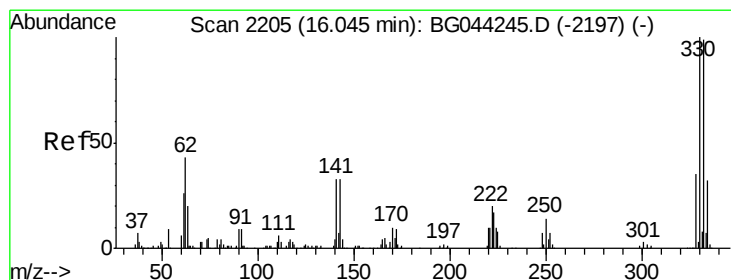
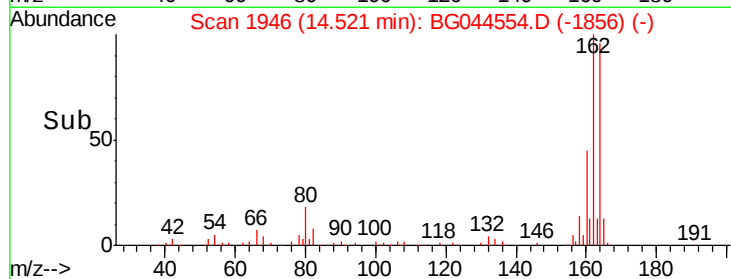
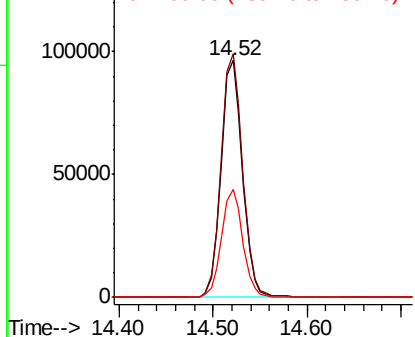
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG044554.D
Acq: 21 Feb 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 153104
Ion Ratio Lower Upper
164 100
162 102.8 81.9 122.9
160 45.8 35.5 53.3

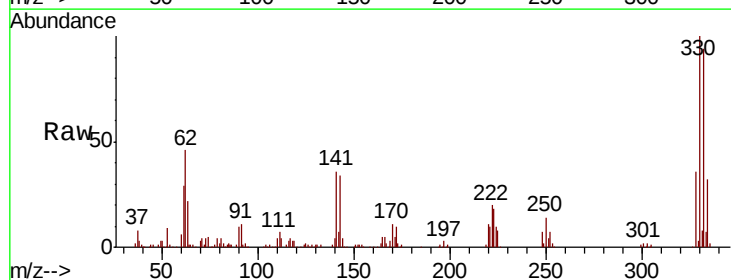


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

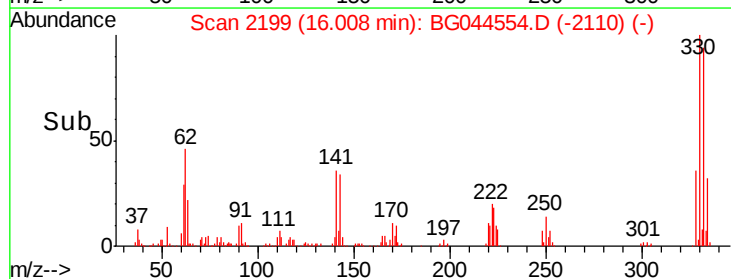
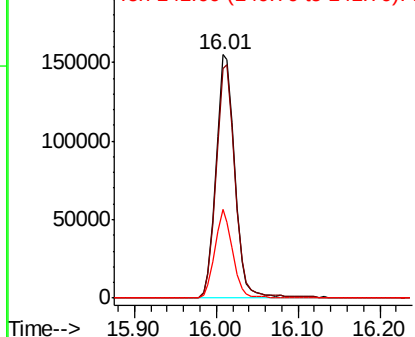


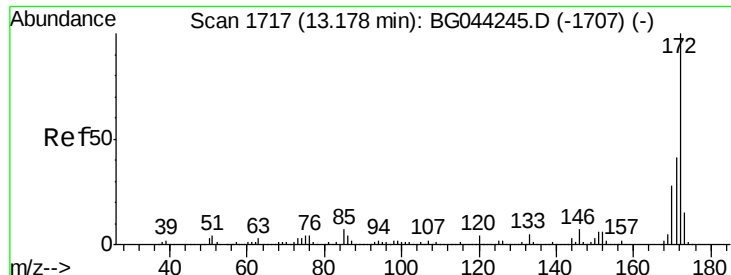
#42
2,4,6-Tribromophenol
Concen: 139.141 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044554.D
Acq: 21 Feb 2020 18:16

Tgt Ion:330 Resp: 250085
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 34.3 26.5 39.7



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



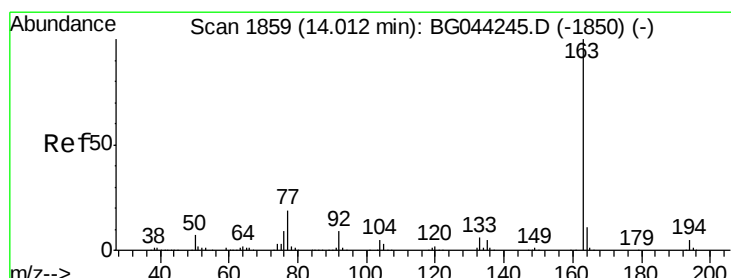
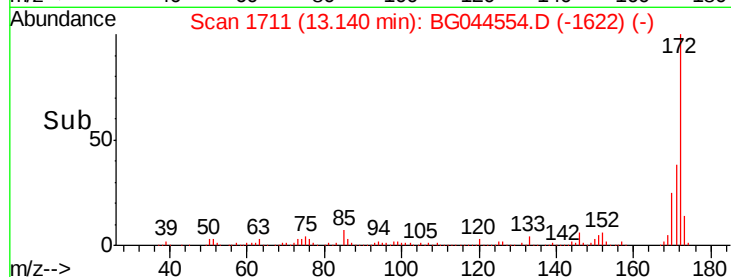
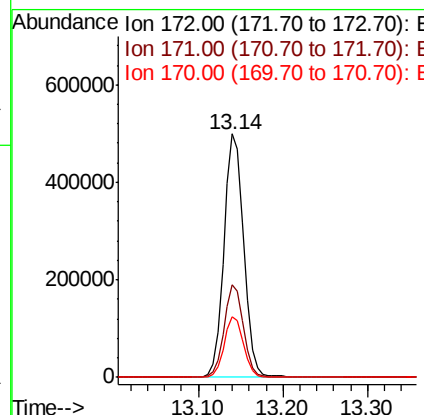
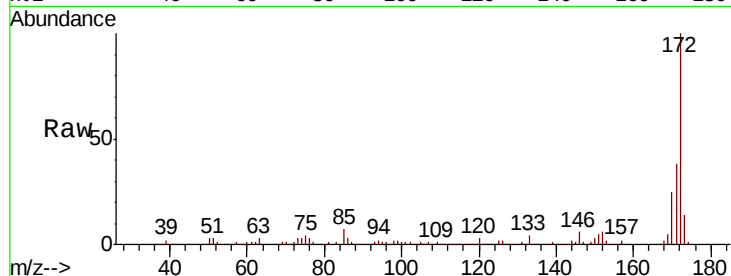


#45
 2-Fluorobiphenyl
 Concen: 89.187 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044554.D
 Acq: 21 Feb 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 815434

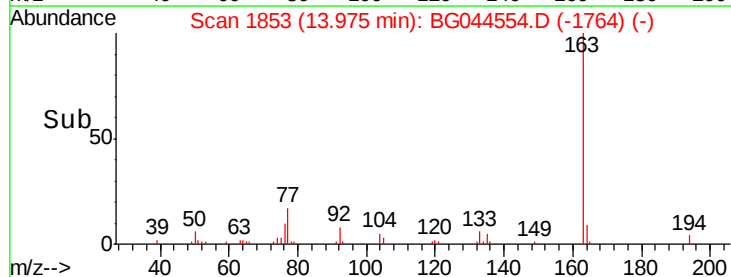
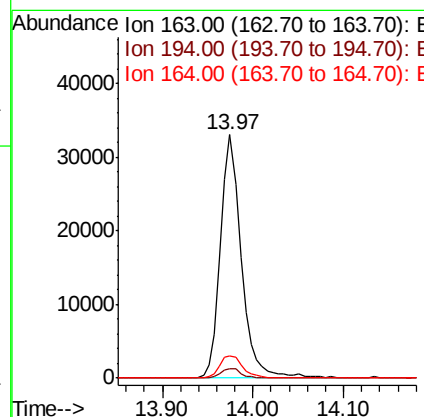
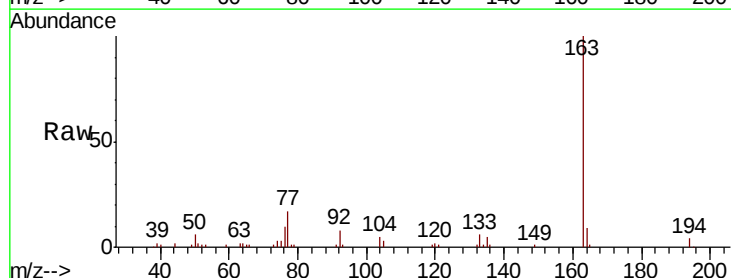
Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.3	48.5
170	25.0	21.6	32.4

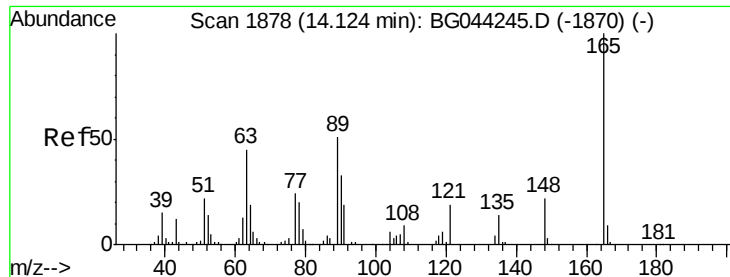


#50
 Dimethylphthalate
 Concen: 4.788 ng
 RT: 13.97 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG044554.D
 Acq: 21 Feb 2020 18:16

Tgt Ion:163 Resp: 52697

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	9.4	8.9	13.3

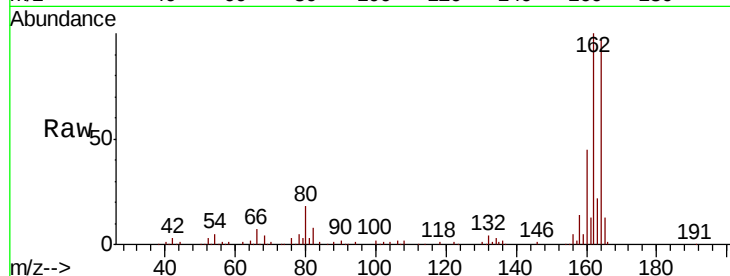




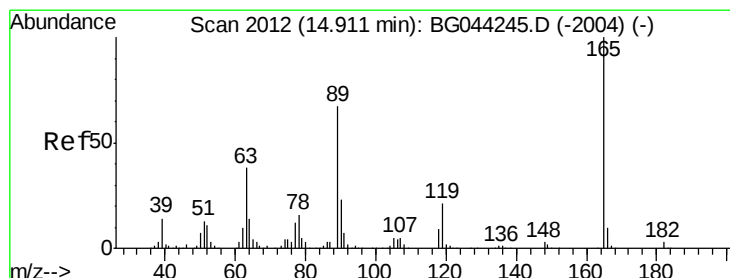
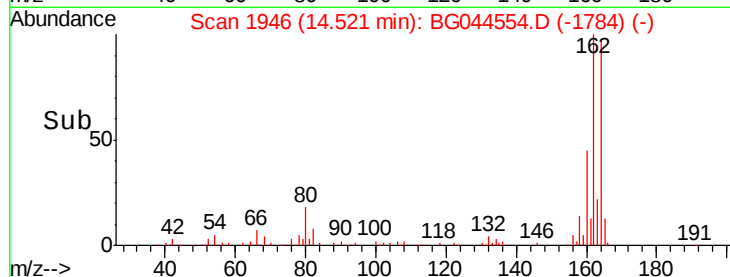
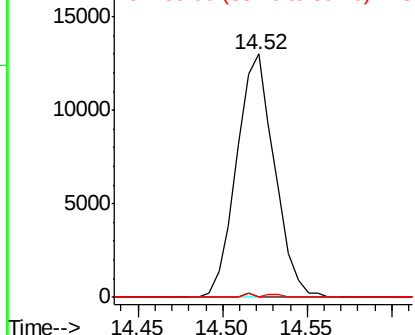
#51
 2,6-Dinitrotoluene
 Concen: 8.242 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG044554.D
 Acq: 21 Feb 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	0.0	39.5	59.3#



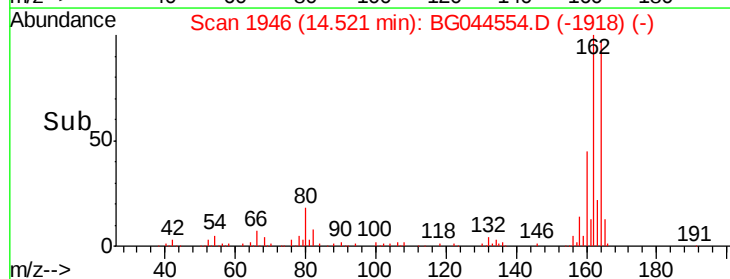
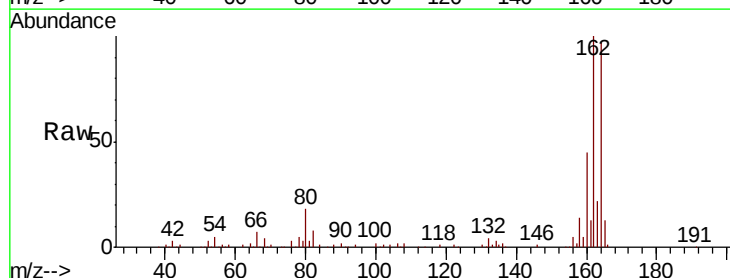
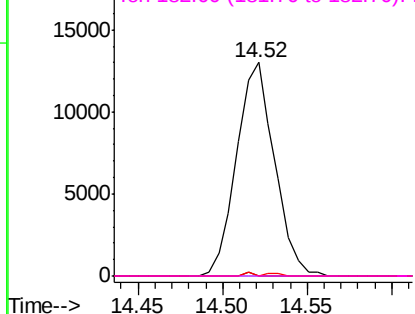
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

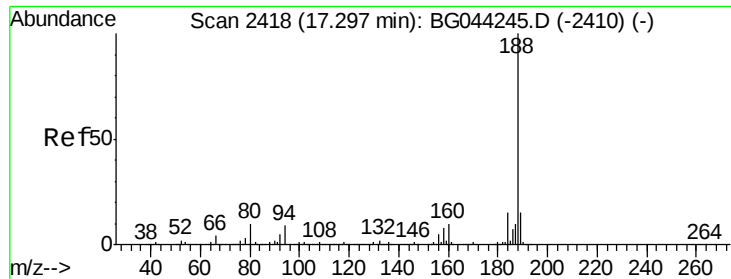


#57
 2,4-Dinitrotoluene
 Concen: 5.880 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG044554.D
 Acq: 21 Feb 2020 18:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.6	42.8#
89	0.0	50.7	76.1#
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

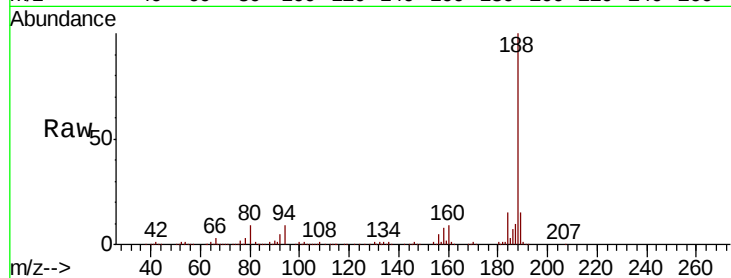




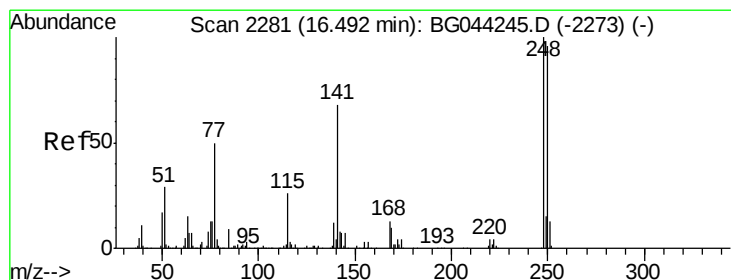
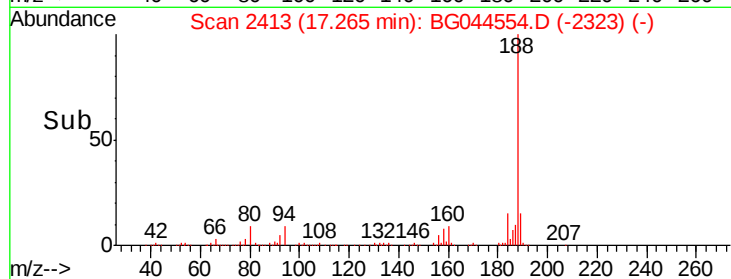
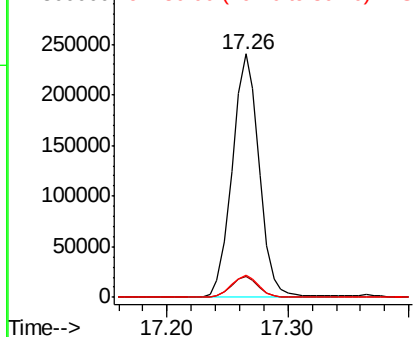
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG044554.D
Acq: 21 Feb 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 374035
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 9.2 7.8 11.6

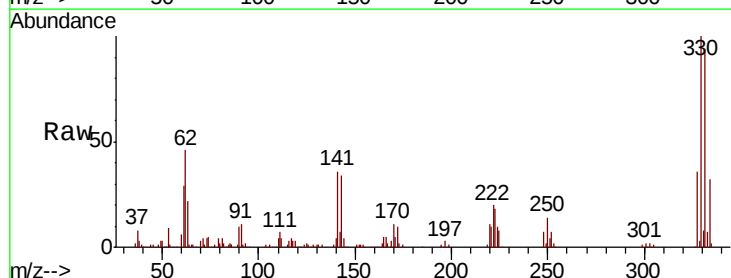


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

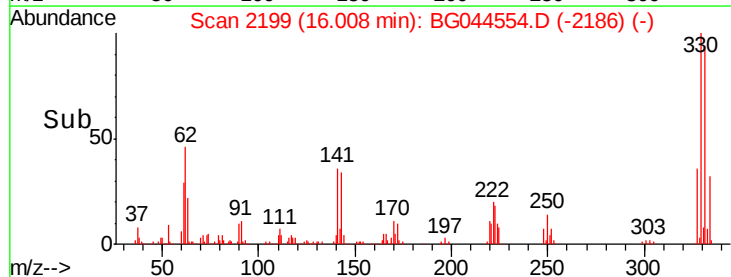
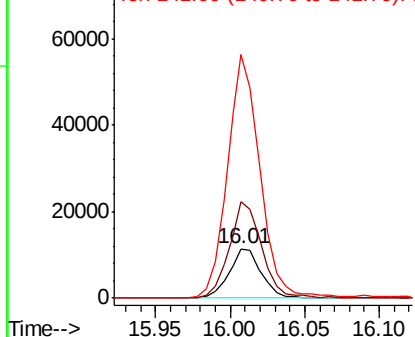


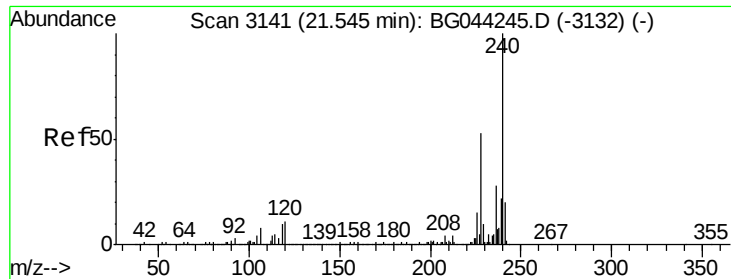
#67
4-Bromophenyl-phenylether
Concen: 4.200 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG044554.D
Acq: 21 Feb 2020 18:16

Tgt Ion:248 Resp: 17117
Ion Ratio Lower Upper
248 100
250 194.2 76.8 115.2#
141 493.3 50.0 75.0#



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

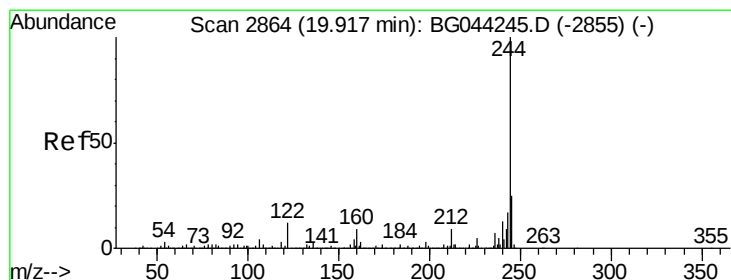
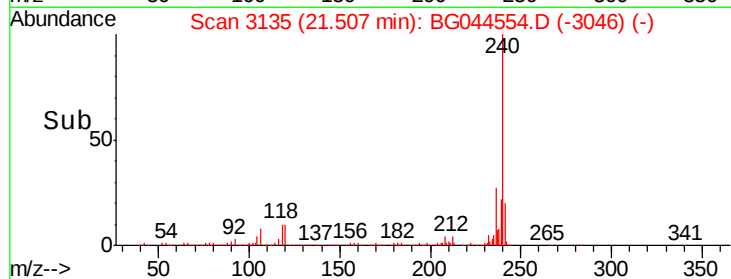
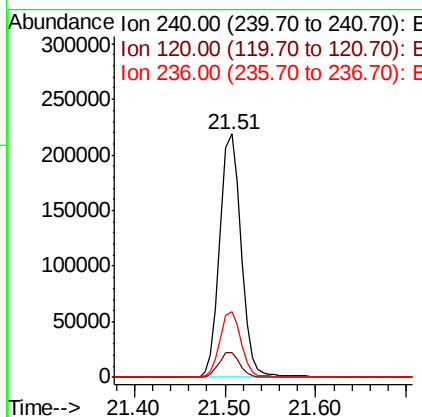
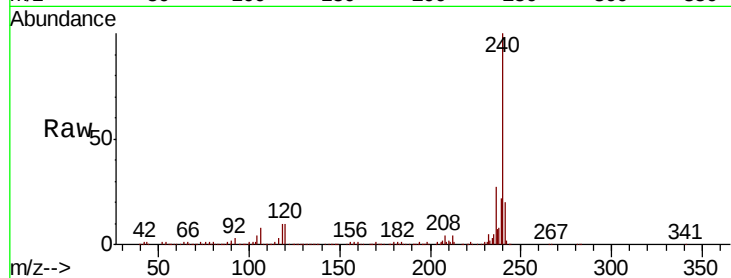




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG044554.D
 Acq: 21 Feb 2020 18:16

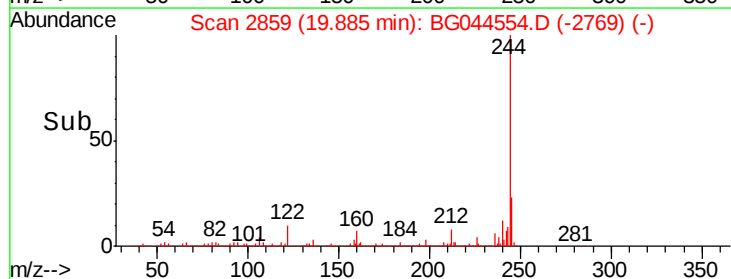
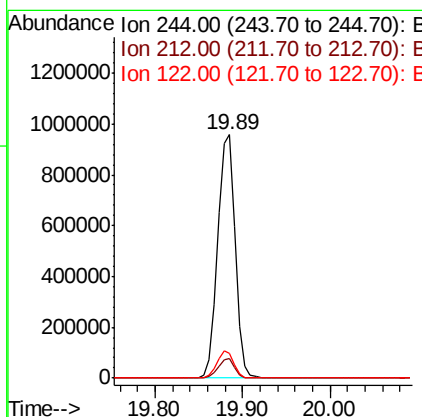
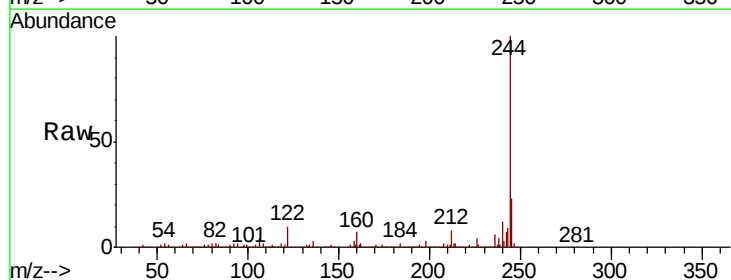
Instrument :
 BNA_G
 ClientSampled :

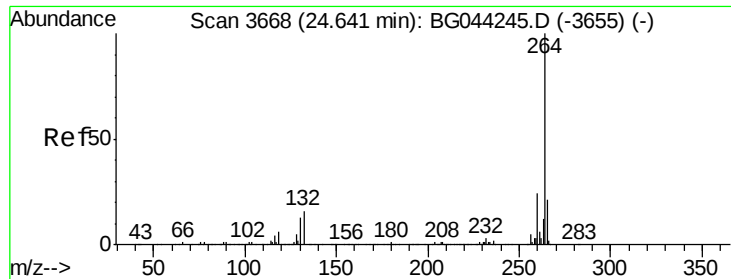
Tot Ion:240 Resp: 360428
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.2 12.2
 236 27.2 22.0 33.0



#79
 Terphenyl-d14
 Concen: 76.501 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG044554.D
 Acq: 21 Feb 2020 18:16

Tgt Ion:244 Resp: 1340531
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.6 11.4
 122 10.3 9.8 14.8

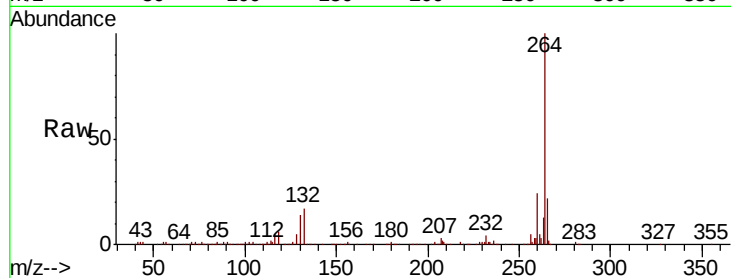




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BG044554.D
Acq: 21 Feb 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	22.0	17.6	26.4



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

