

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044496.D
 Acq On : 19 Feb 2020 19:25
 Operator : CG/JU
 Sample : L1558-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:15:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

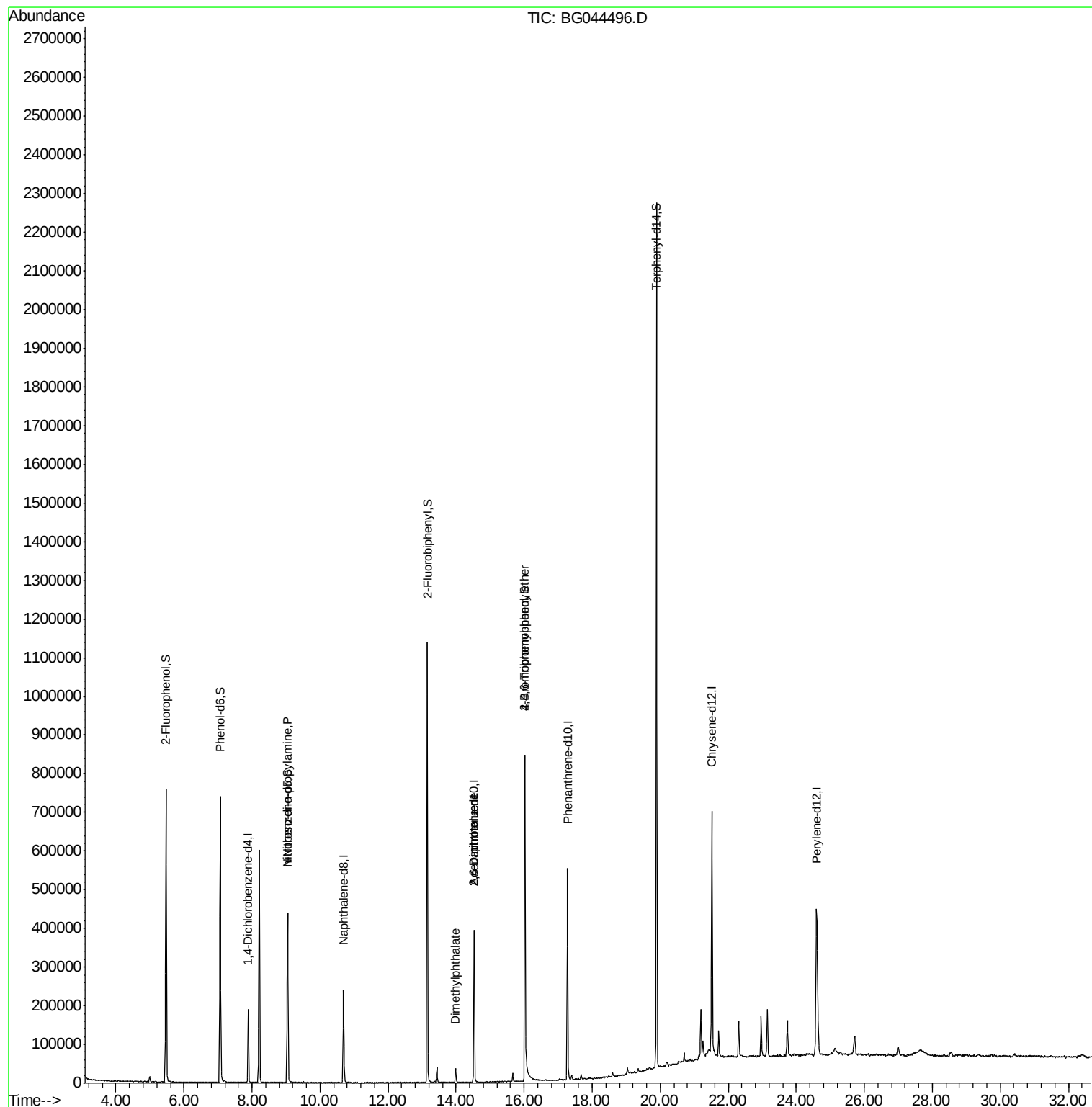
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	58189	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	231452	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	148745	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	359515	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	373991	20.00	ng	-0.02
87) Perylene-d12	24.60	264	402118	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	389122	118.02	ng	0.00
7) Phenol-d6	7.06	99	483808	109.27	ng	-0.01
23) Nitrobenzene-d5	9.04	82	285383	69.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	217678	124.66	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	635386	71.53	ng	-0.01
79) Terphenyl-d14	19.89	244	1111194	61.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	36711	12.441	ng	# 75
50) Dimethylphthalate	13.99	163	31146	2.913	ng	# 97
51) 2,6-Dinitrotoluene	14.53	165	18477	7.750	ng	# 29
57) 2,4-Dinitrotoluene	14.53	165	18477	5.530	ng	# 27
67) 4-Bromophenyl-phenylether	16.02	248	14710	3.756	ng	# 1

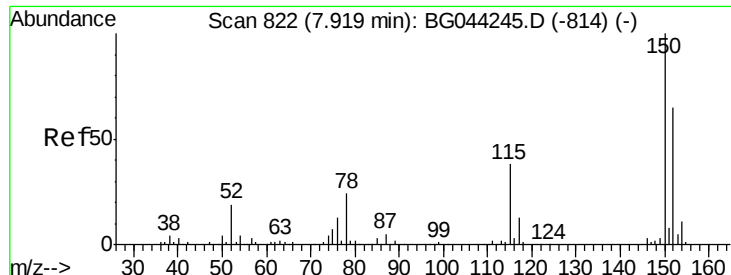
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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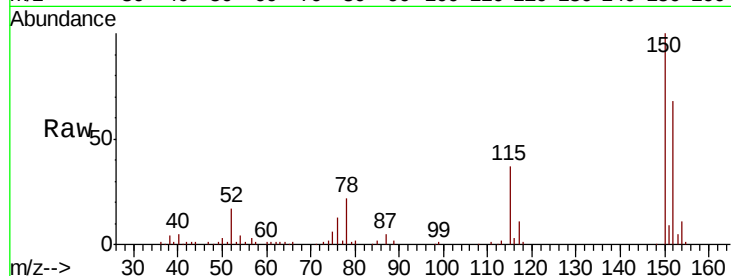


#1

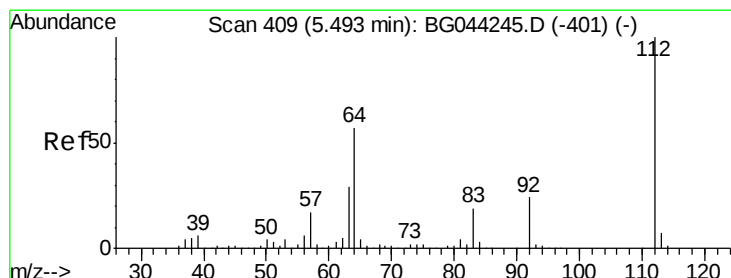
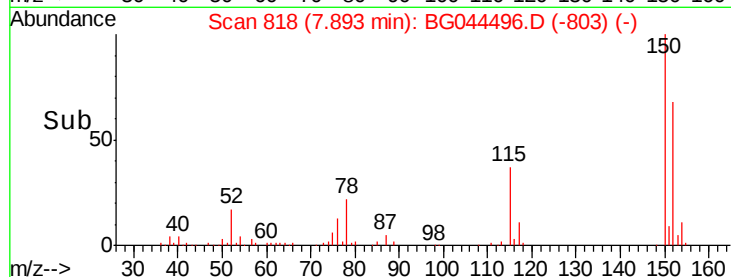
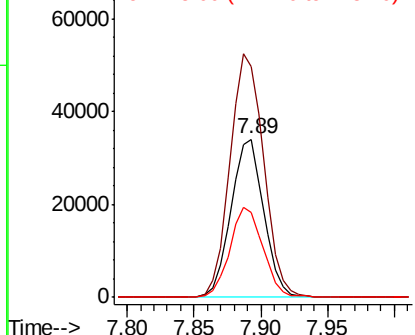
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58189
Ion Ratio Lower Upper
152 100
150 146.1 122.6 183.8
115 54.1 46.0 69.0



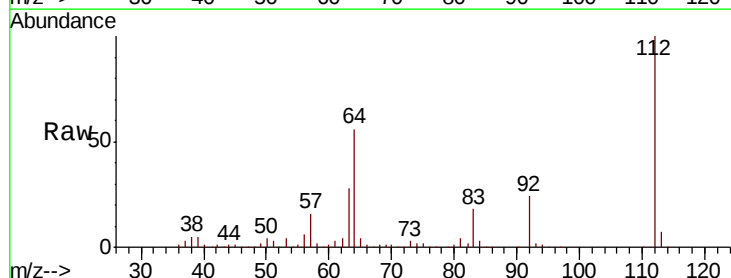
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



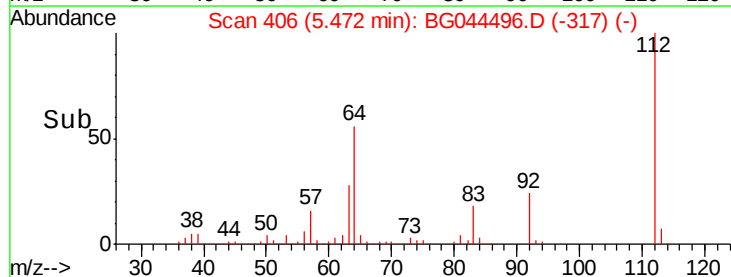
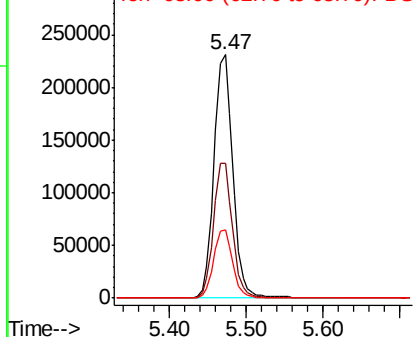
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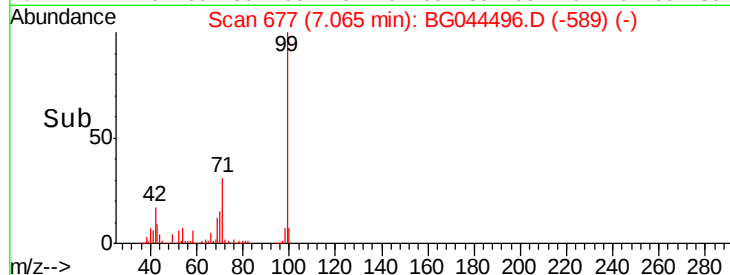
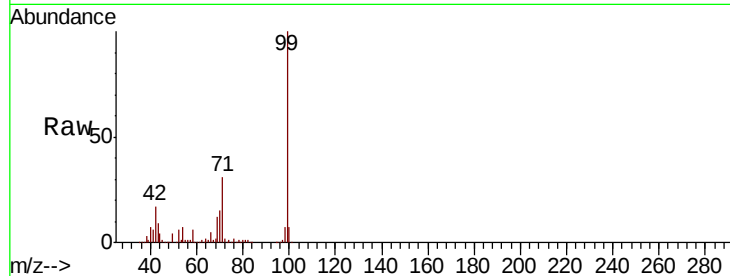
2-Fluorophenol
Concen: 118.019 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Tgt Ion:112 Resp: 389122
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.2
63 28.1 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.272 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044496.D

Acq: 19 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

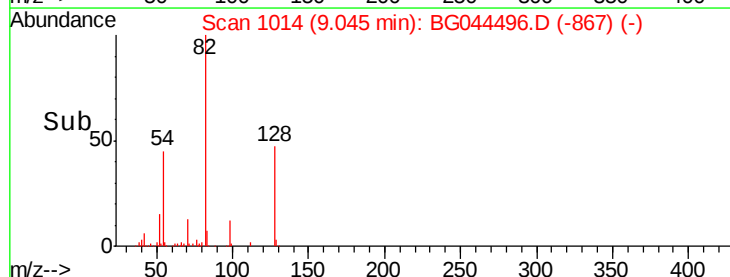
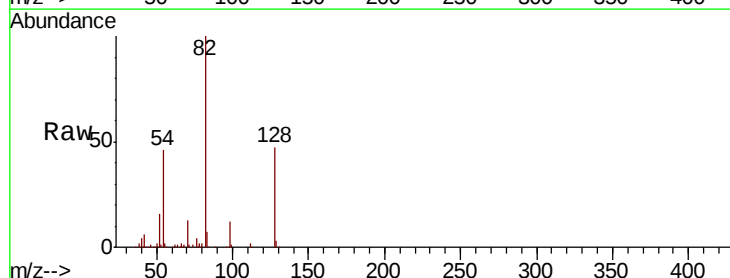
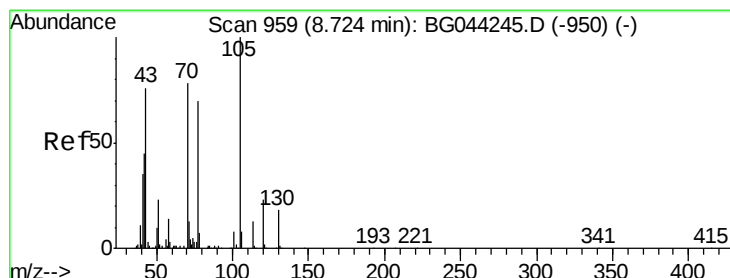
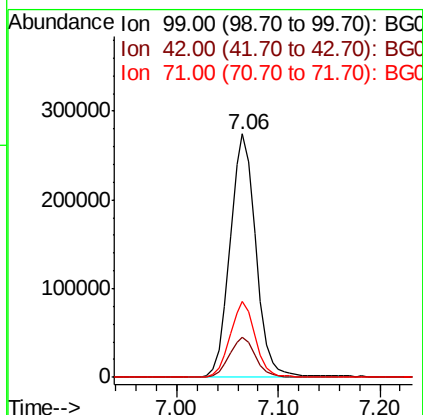
Tot Ion: 99 Resp: 483808

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

71 31.1 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.441 ng

RT: 9.04 min Scan# 1014

Delta R.T. 0.33 min

Lab File: BG044496.D

Acq: 19 Feb 2020 19:25

Tgt Ion: 70 Resp: 36711

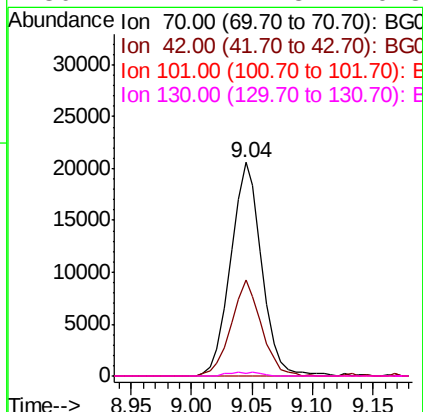
Ion Ratio Lower Upper

70 100

42 45.2 46.2 69.2#

101 0.0 8.4 12.6#

130 1.4 17.8 26.8#

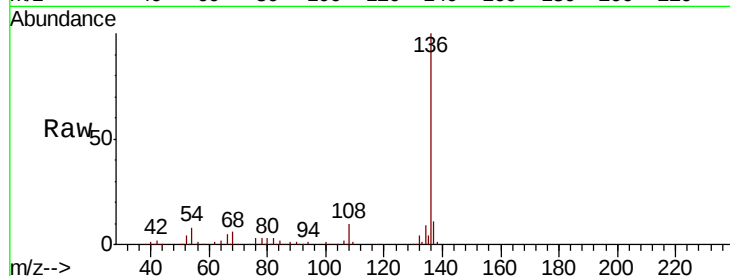




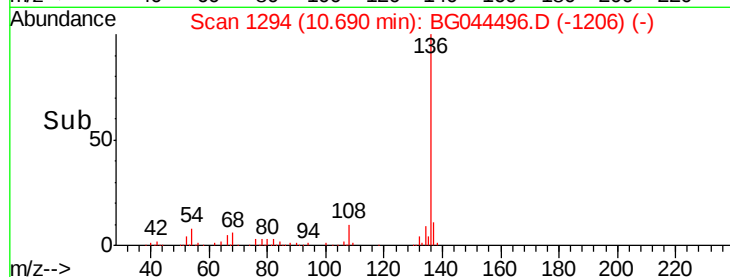
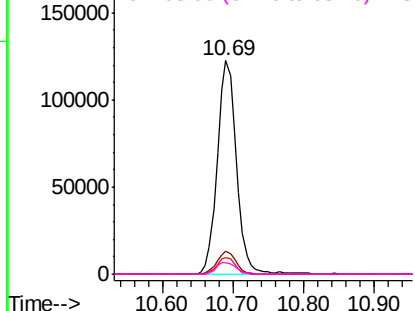
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	231452
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	7.7	5.8 8.8
68	5.6	4.6 6.8

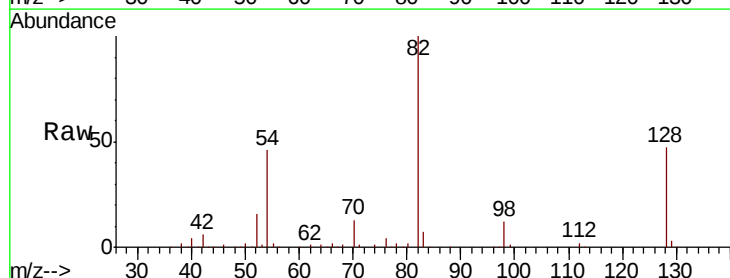


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

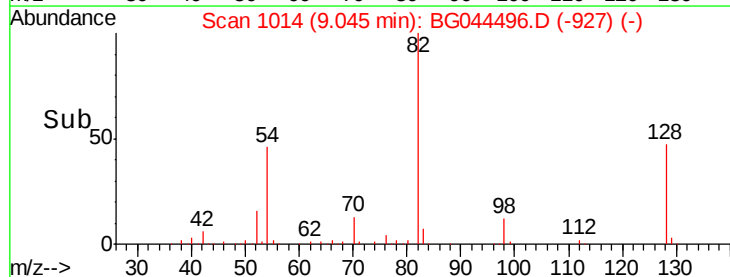
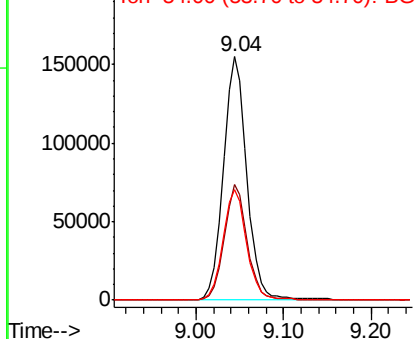


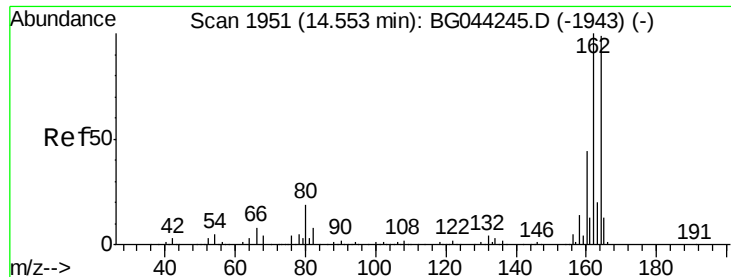
#23
Nitrobenzene-d5
Concen: 69.611 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Tgt Ion: 82	Resp:	285383
Ion	Ratio	Lower Upper
82	100	
128	47.4	36.5 54.7
54	45.6	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: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044496.D

Acq: 19 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

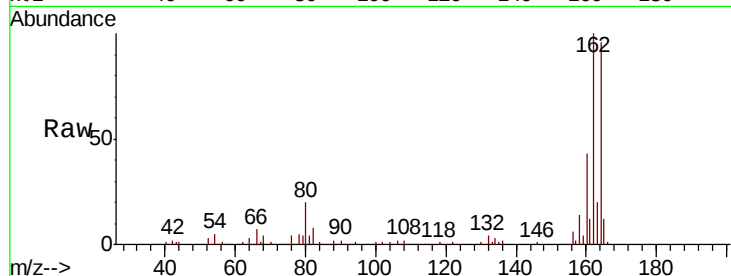
Tot Ion:164 Resp: 148745

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

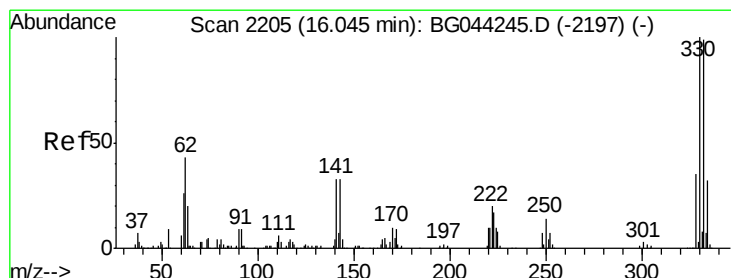
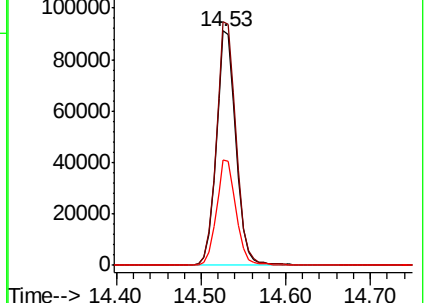
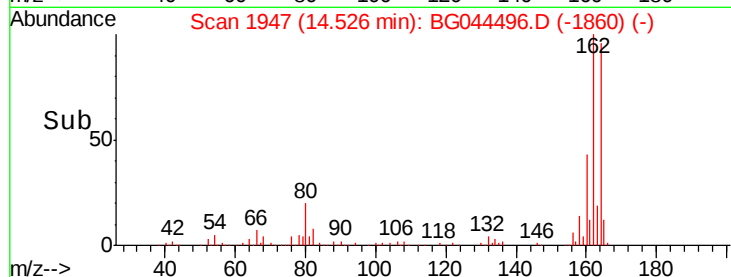
160 45.0 35.3 52.9



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: 124.659 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044496.D

Acq: 19 Feb 2020 19:25

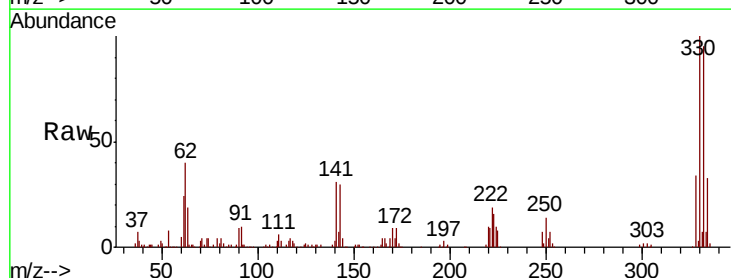
Tgt Ion:330 Resp: 217678

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

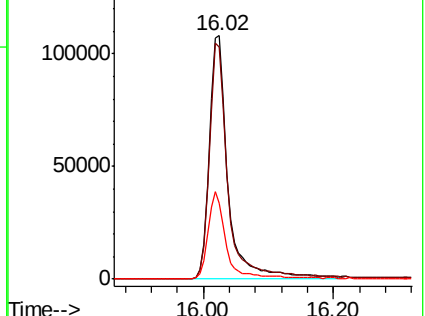
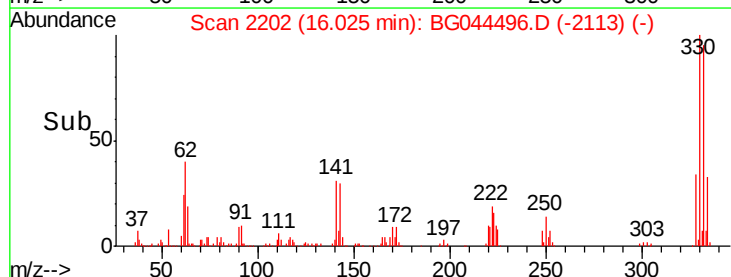
141 34.2 28.3 42.5



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

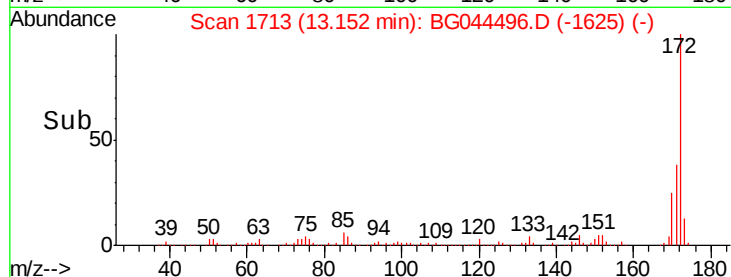
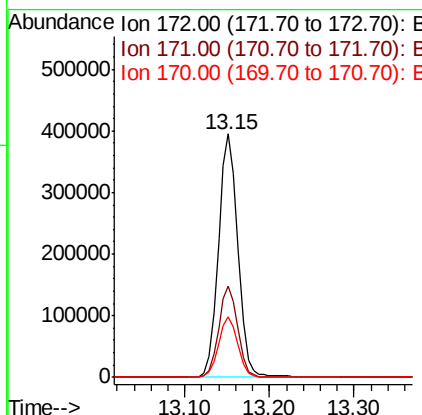
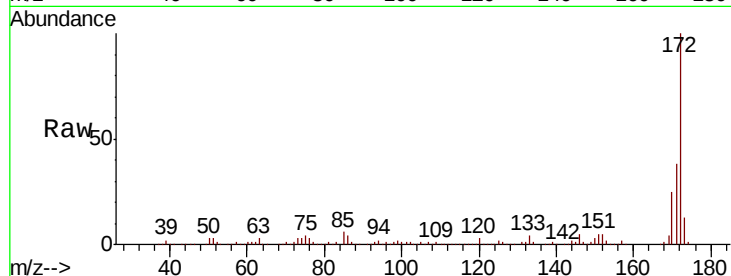




#45
 2-Fluorobiphenyl
 Concen: 71.531 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

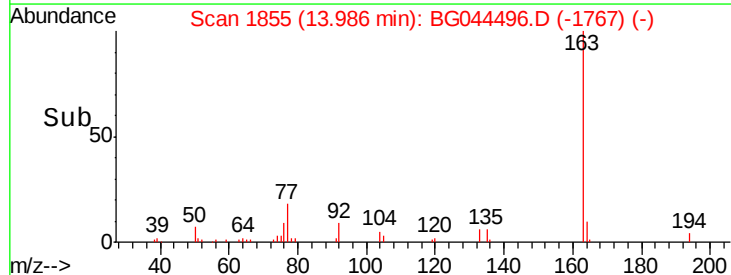
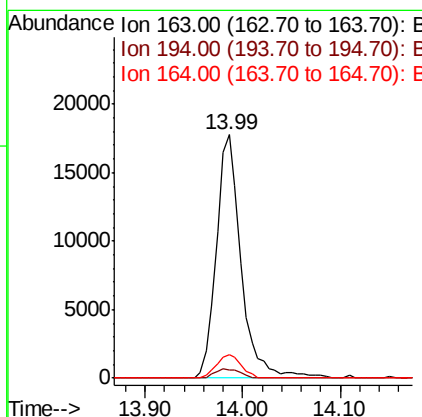
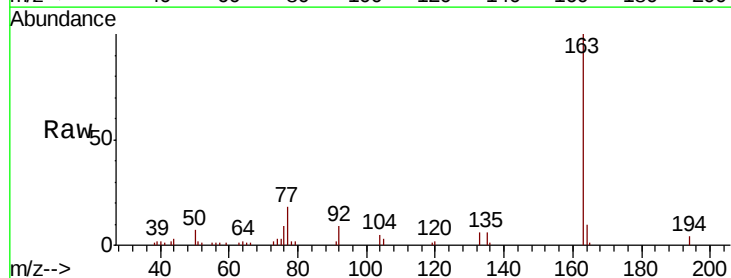
Instrument :
 BNA_G
 ClientSampled :

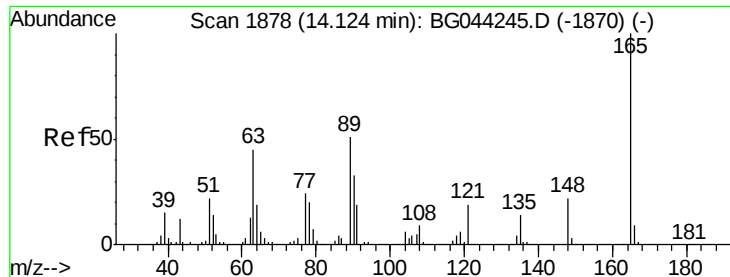
Tot Ion:172 Resp: 635386
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.9 49.3
 170 24.8 22.0 33.0



#50
 Dimethylphthalate
 Concen: 2.913 ng
 RT: 13.99 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

Tgt Ion:163 Resp: 31146
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.6 5.4#
 164 9.7 8.7 13.1

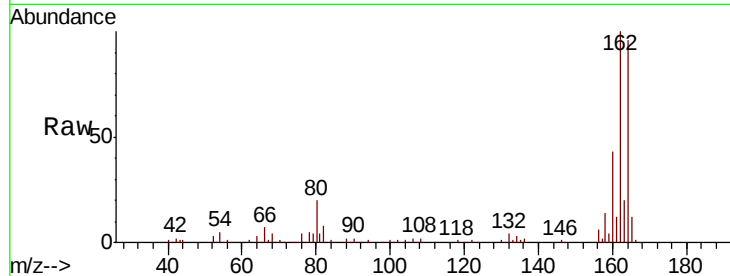




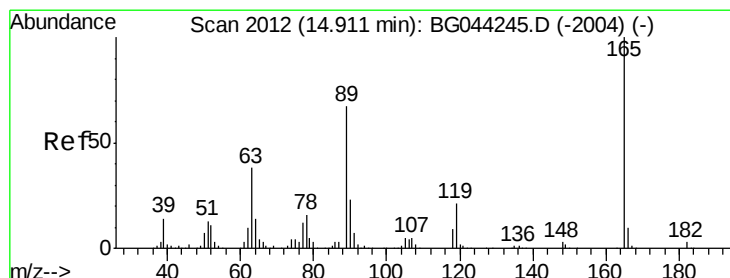
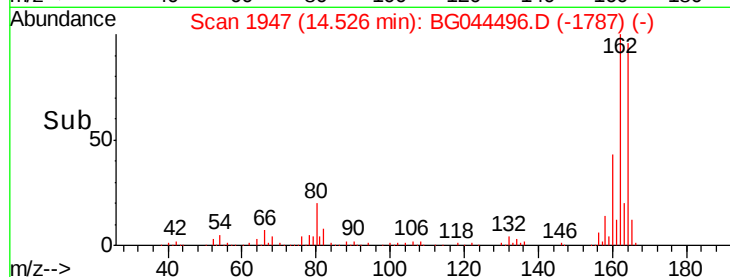
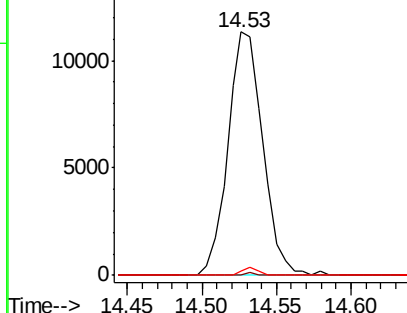
#51
2,6-Dinitrotoluene
Concen: 7.750 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.7	40.4	60.6#



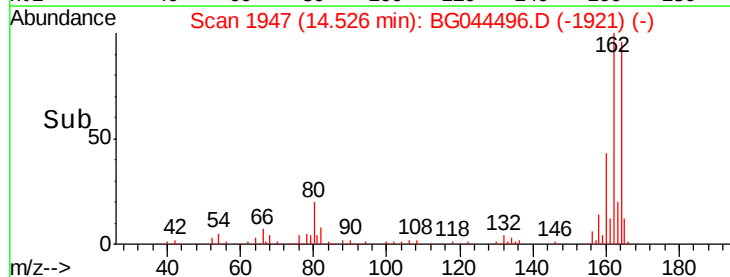
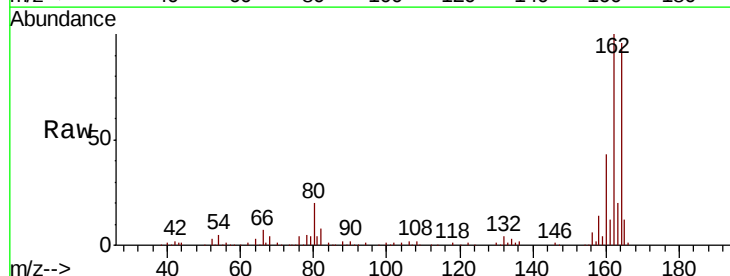
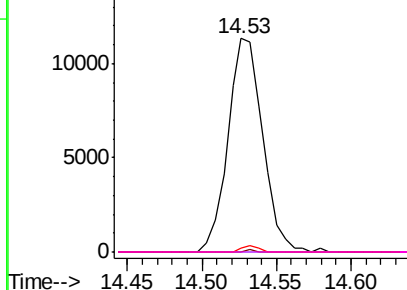
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

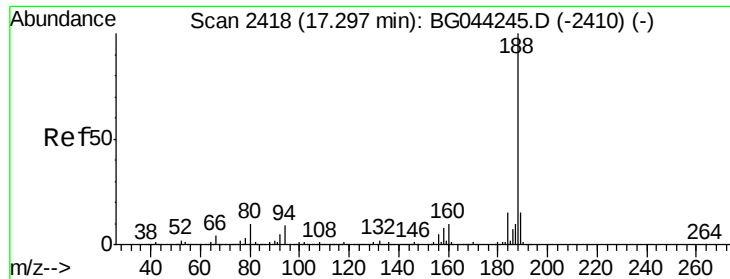


#57
2,4-Dinitrotoluene
Concen: 5.530 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.38 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.7	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

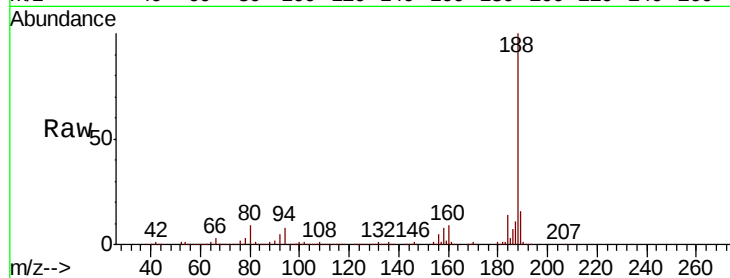




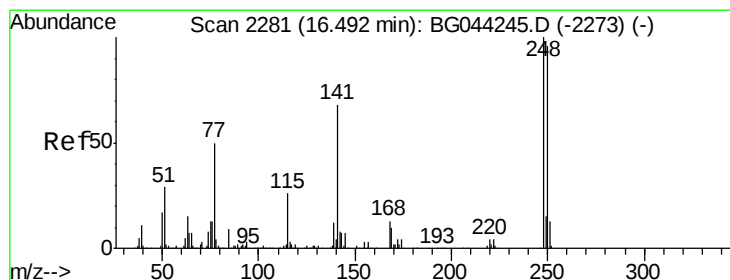
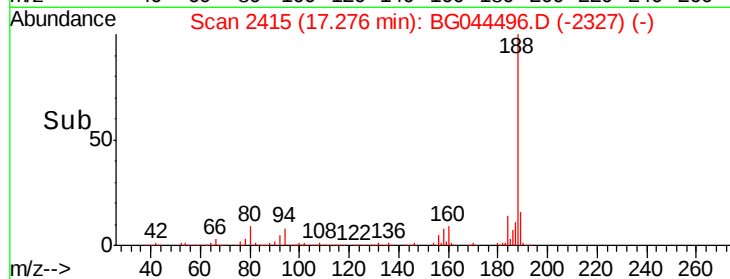
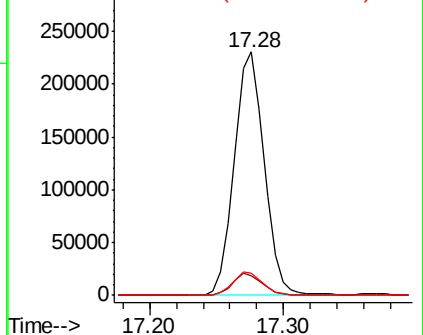
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 359515
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.9 7.7 11.5

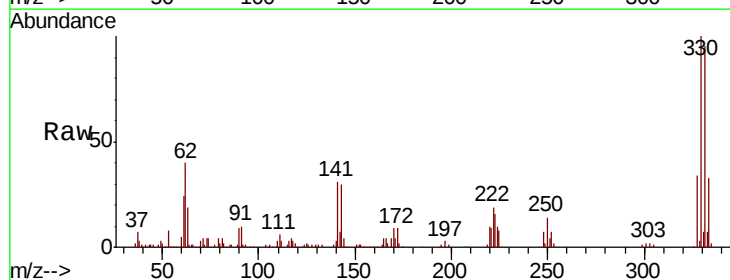


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

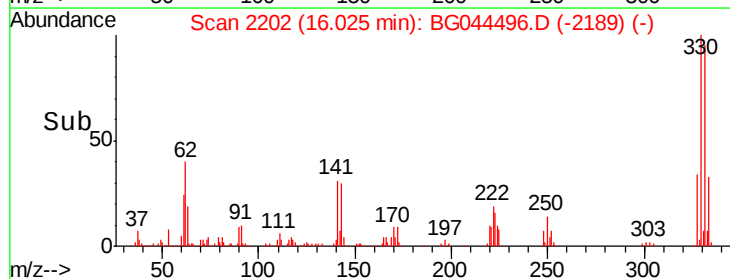
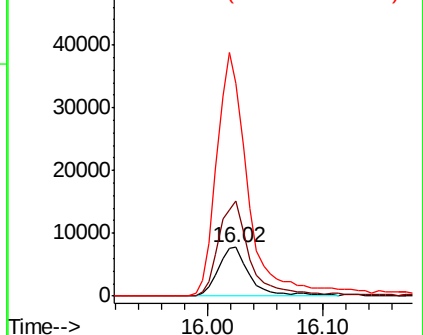


#67
4-Bromophenyl-phenylether
Concen: 3.756 ng
RT: 16.02 min Scan# 2202
Delta R.T. -0.45 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Tgt Ion:248 Resp: 14710
Ion Ratio Lower Upper
248 100
250 193.3 76.6 114.8#
141 434.6 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

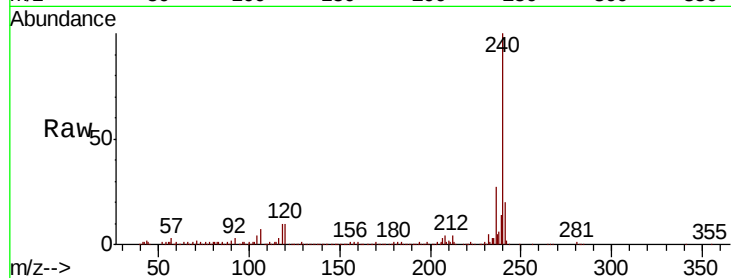




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	27.2	22.1	33.1

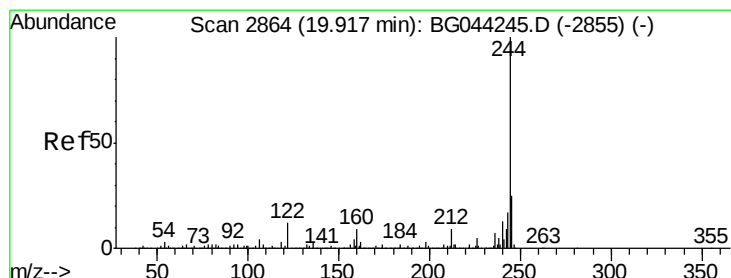
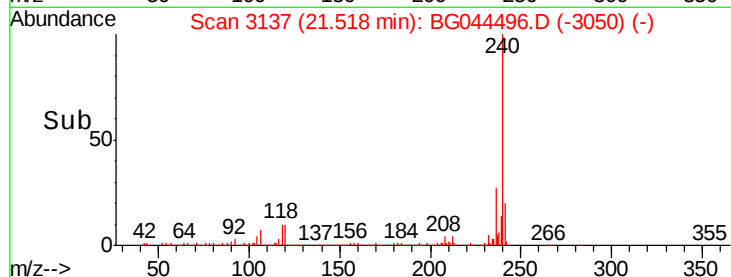
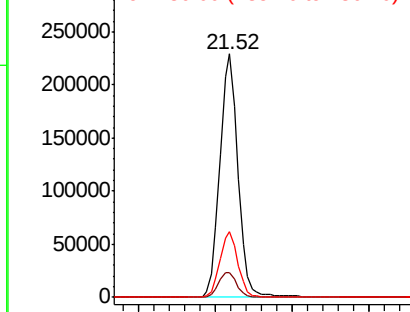


Abundance

Ion 240.00 (239.70 to 240.70): E

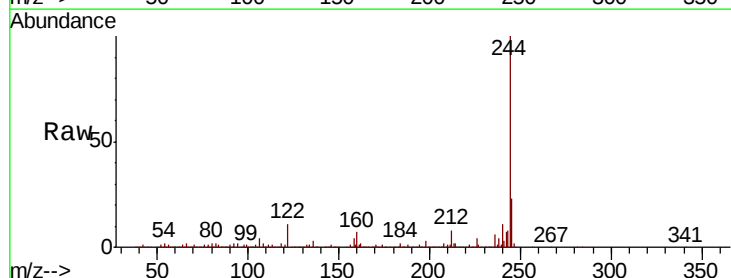
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 61.113 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.2
122	11.4	9.8	14.6

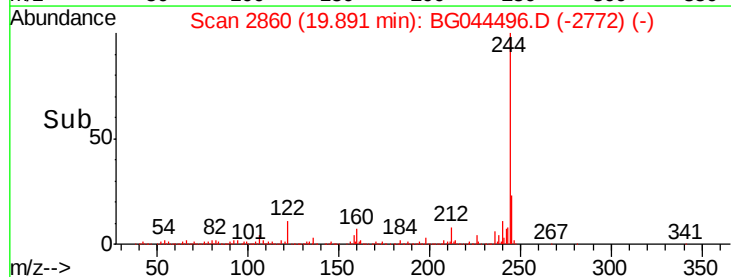
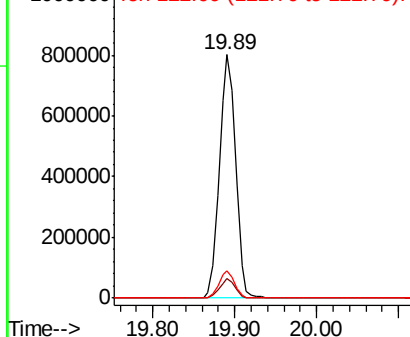


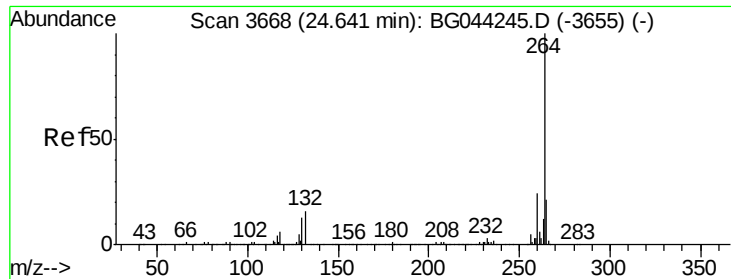
Abundance

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: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	402118
Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	21.8	16.7	25.1

