

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044559.D
 Acq On : 21 Feb 2020 21:32
 Operator : CG/JU
 Sample : L1526-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 22 05:53:16 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

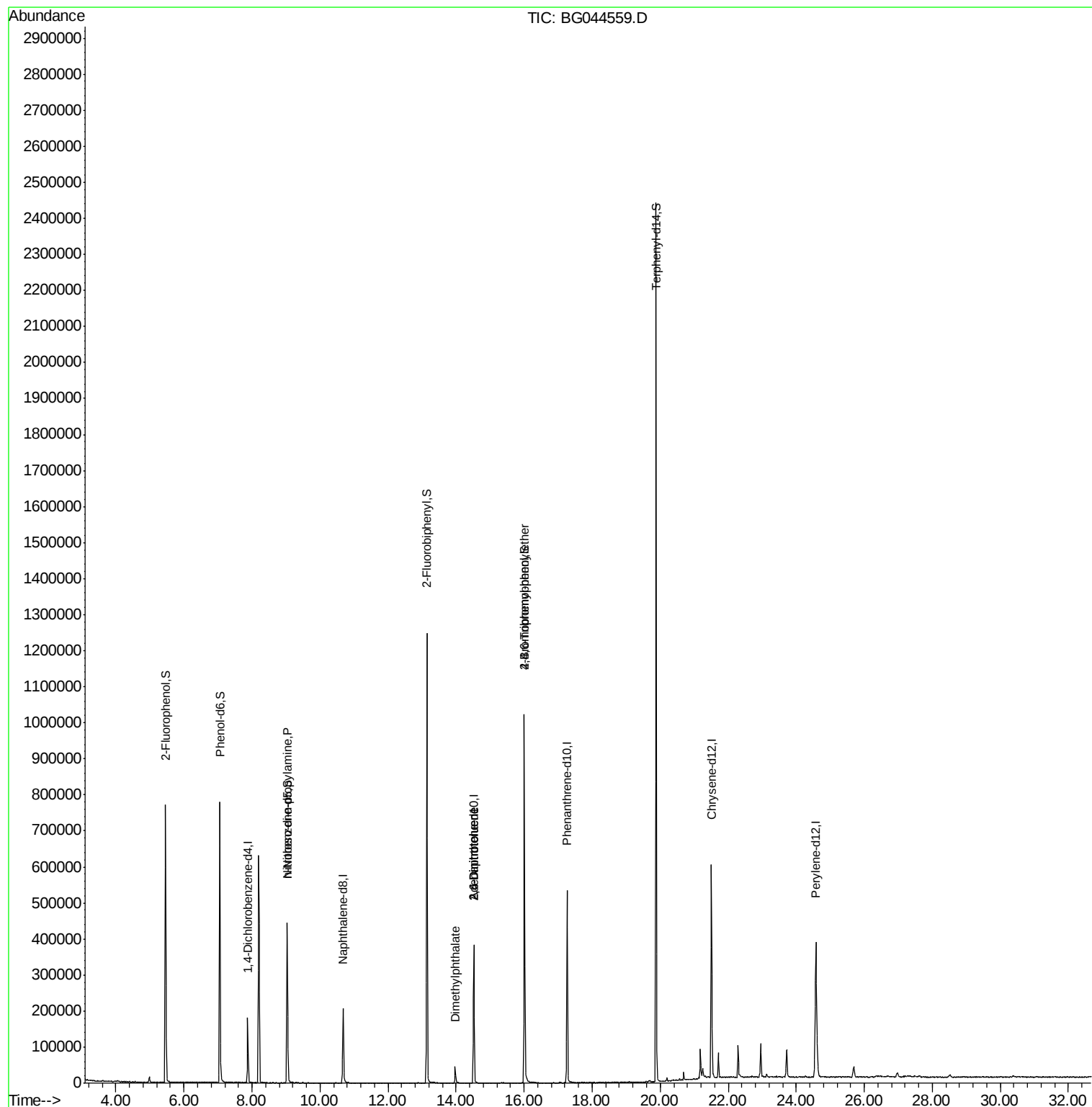
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	53499	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	214344	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	143907	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	347995	20.00	ng	0.00
76) Chrysene-d12	21.51	240	342898	20.00	ng	0.00
87) Perylene-d12	24.57	264	384548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	389668	128.54	ng	0.00
7) Phenol-d6	7.05	99	506193	124.35	ng	0.00
23) Nitrobenzene-d5	9.03	82	303160	79.85	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	222561	131.74	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	698829	81.32	ng	0.00
79) Terphenyl-d14	19.88	244	1198814	71.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	39146	14.429	ng	# 79
50) Dimethylphthalate	13.98	163	42461	4.105	ng	# 96
51) 2,6-Dinitrotoluene	14.52	165	18740	8.125	ng	# 31
57) 2,4-Dinitrotoluene	14.52	165	18740	5.797	ng	# 29
67) 4-Bromophenyl-phenylether	16.01	248	14500	3.824	ng	# 1

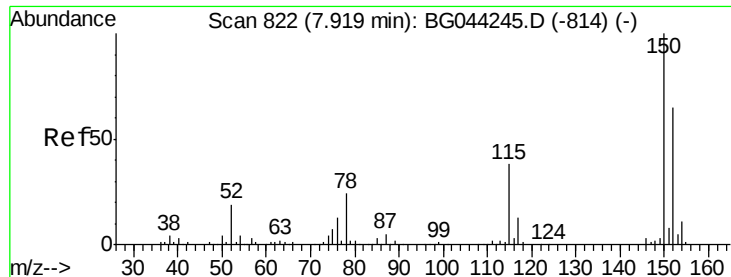
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration



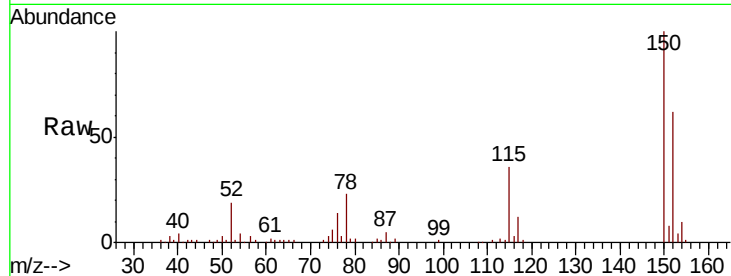


#1

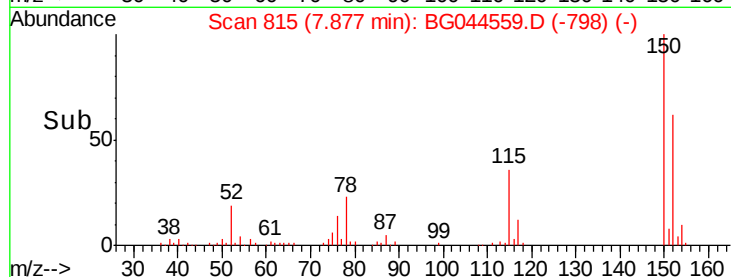
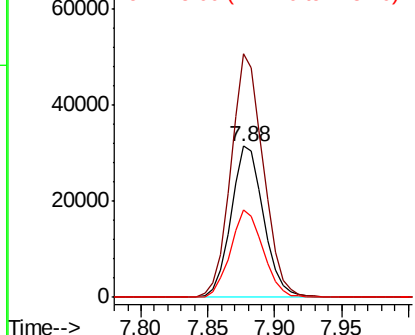
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53499
Ion Ratio Lower Upper
152 100
150 161.1 123.1 184.7
115 58.3 45.1 67.7



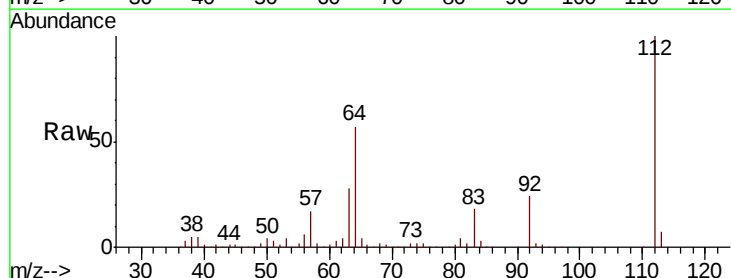
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



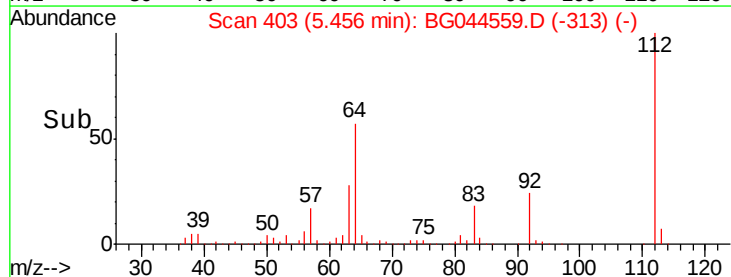
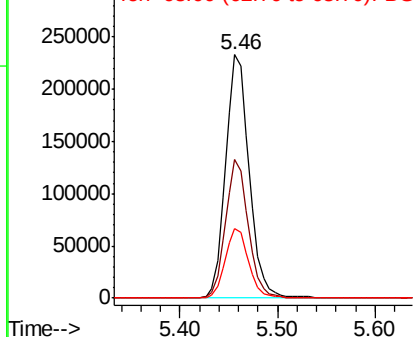
#5

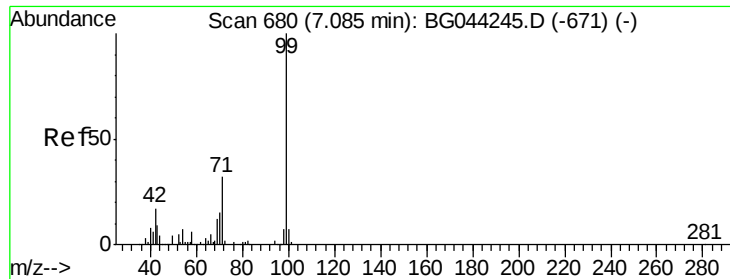
2-Fluorophenol
Concen: 128.545 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

Tgt Ion:112 Resp: 389668
Ion Ratio Lower Upper
112 100
64 56.9 44.5 66.7
63 28.3 22.2 33.2



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: 124.351 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044559.D

Acq: 21 Feb 2020 21:32

Instrument :

BNA_G

ClientSampleId :

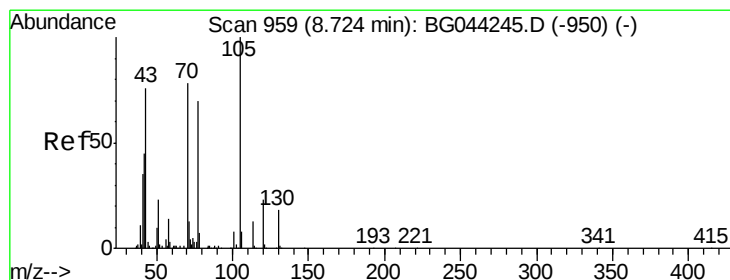
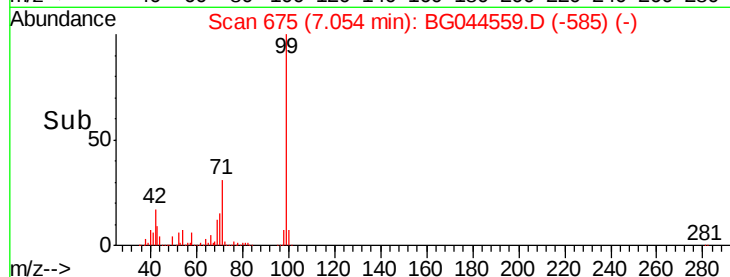
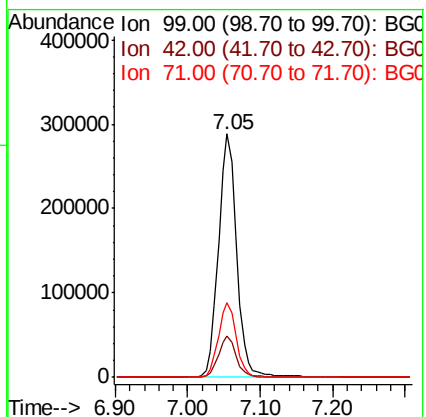
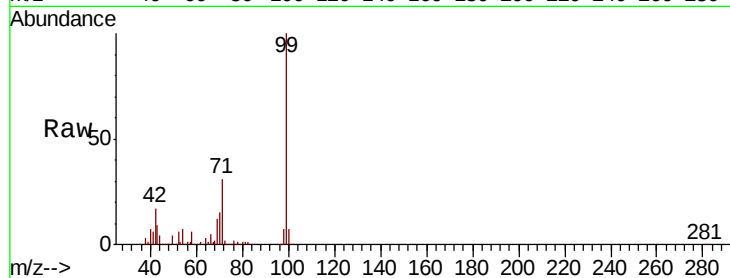
Tot Ion: 99 Resp: 506193

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.0

71 30.9 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.429 ng

RT: 9.03 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG044559.D

Acq: 21 Feb 2020 21:32

Tgt Ion: 70 Resp: 39146

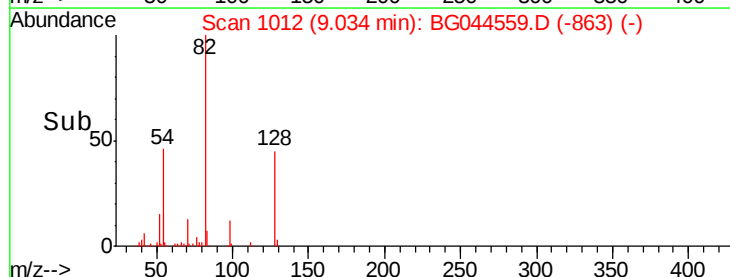
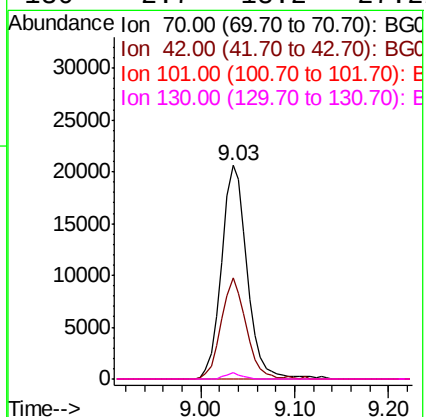
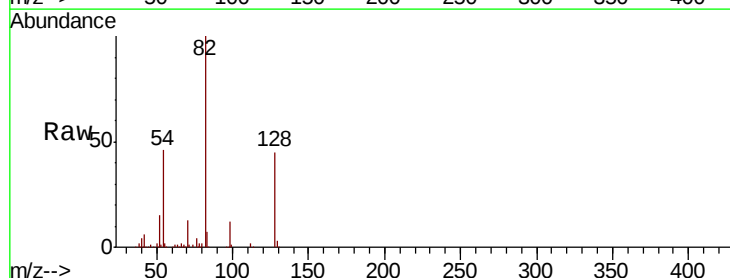
Ion Ratio Lower Upper

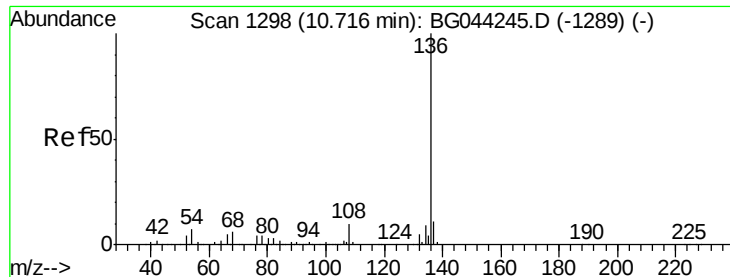
70 100

42 47.1 44.0 66.0

101 0.0 7.6 11.4#

130 2.7 18.2 27.2#

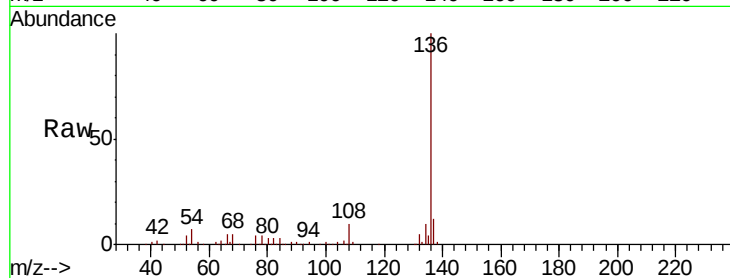




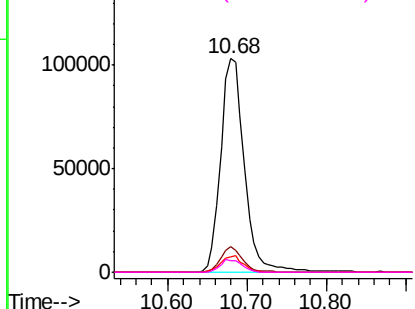
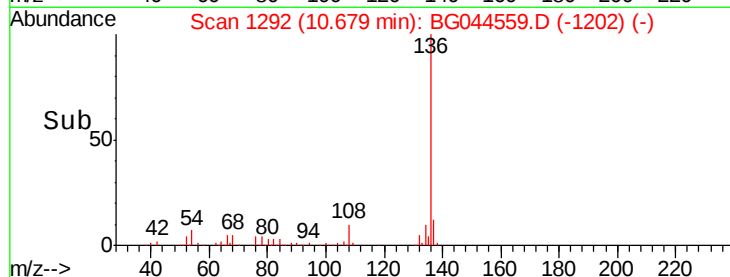
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	214344
Ion Ratio	Lower	Upper
136 100		
137 11.8	9.0	13.6
54 7.3	5.5	8.3
68 5.4	4.6	6.8

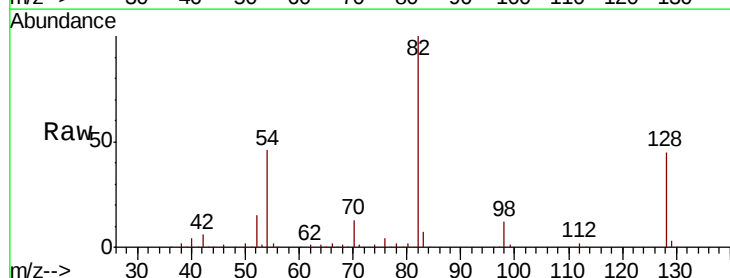


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

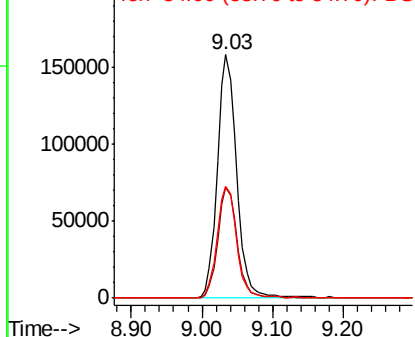
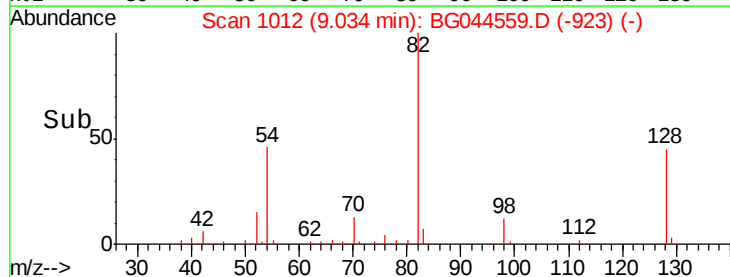


#23
Nitrobenzene-d5
Concen: 79.850 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

Tgt	Ion: 82	Resp:	303160
Ion	Ratio	Lower	Upper
82	100		
128	45.2	39.1	58.7
54	45.7	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: BG044559.D

Acq: 21 Feb 2020 21:32

Instrument :

BNA_G

ClientSampleId :

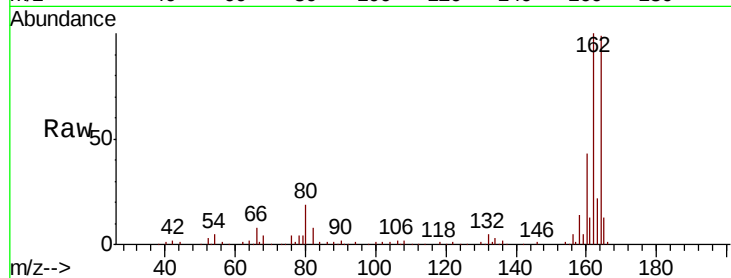
Tot Ion:164 Resp: 143907

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

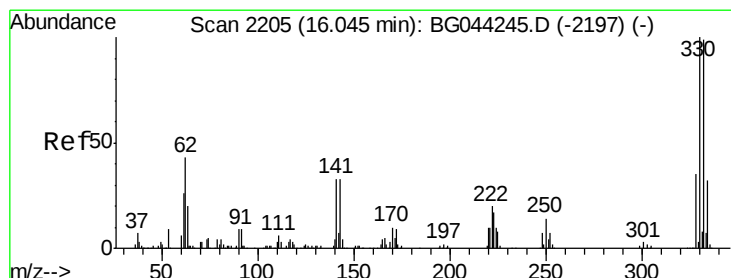
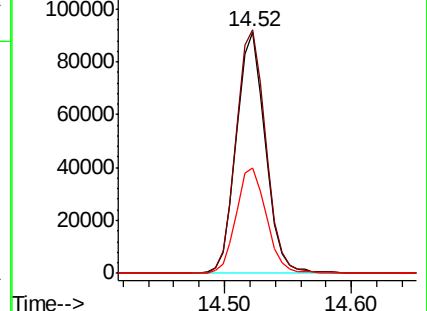
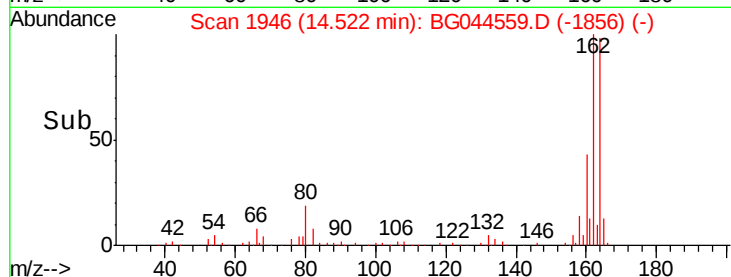
160 43.7 35.5 53.3



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: 131.741 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044559.D

Acq: 21 Feb 2020 21:32

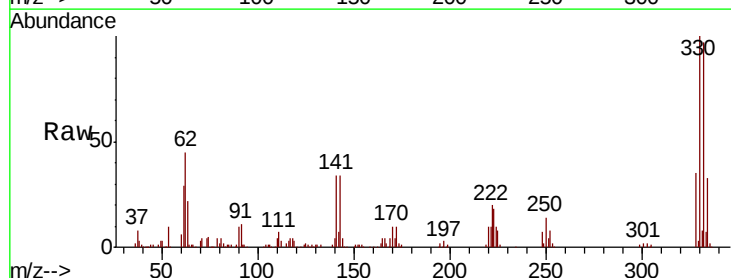
Tgt Ion:330 Resp: 222561

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

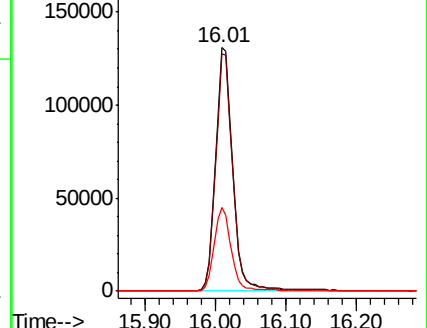
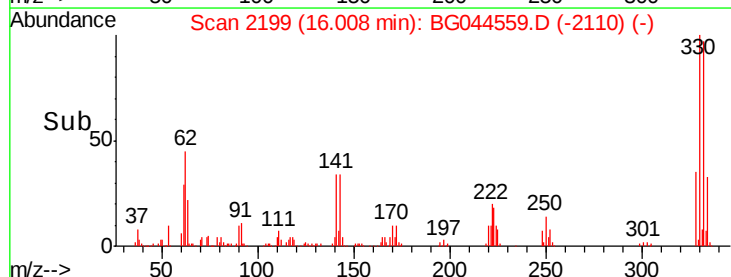
141 34.0 26.5 39.7



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

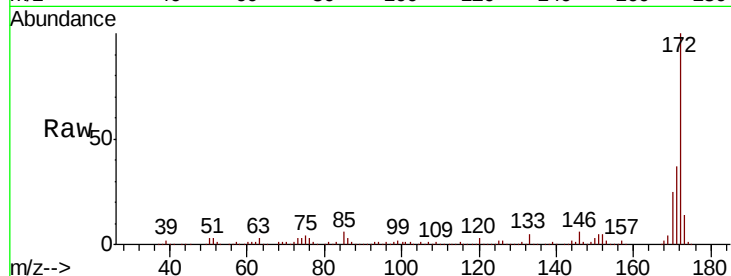




#45
2-Fluorobiphenyl
Concen: 81.318 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.3	48.5
170	24.5	21.6	32.4

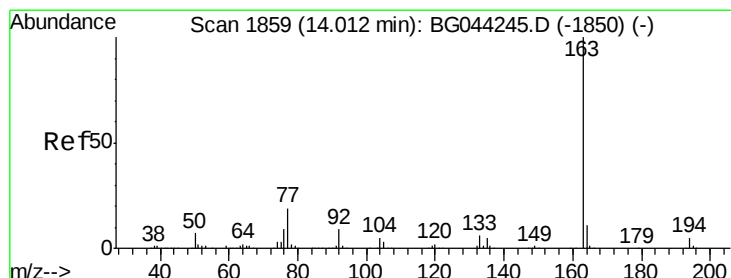
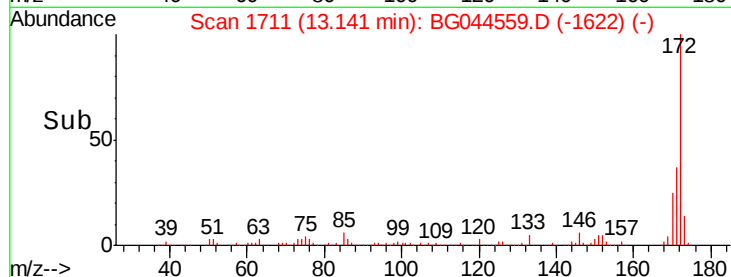
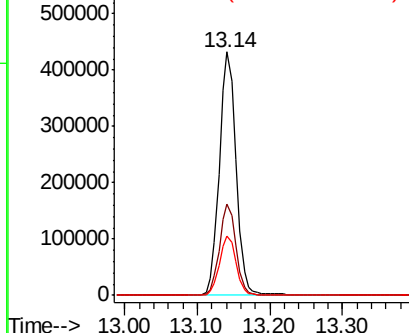


Abundance

Ion 172.00 (171.70 to 172.70): E

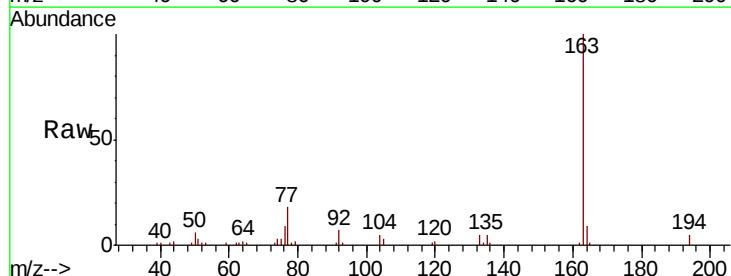
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.105 ng
RT: 13.98 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	9.0	8.9	13.3

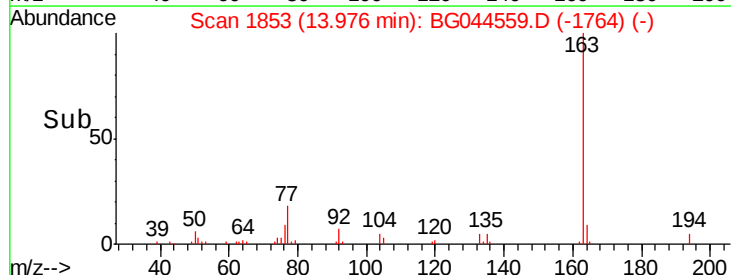
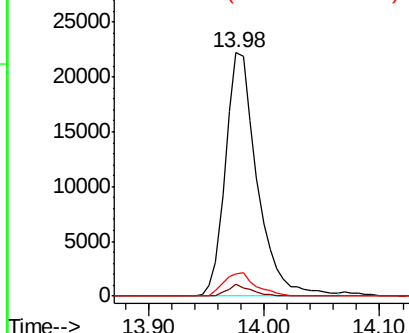


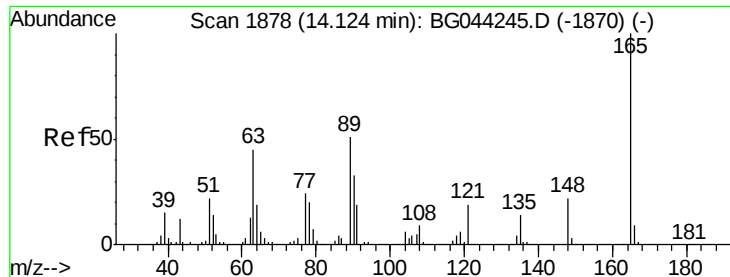
Abundance

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

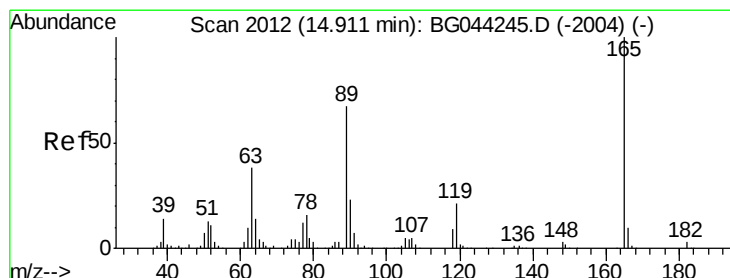
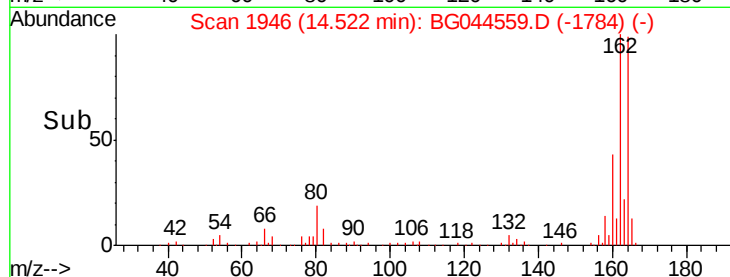
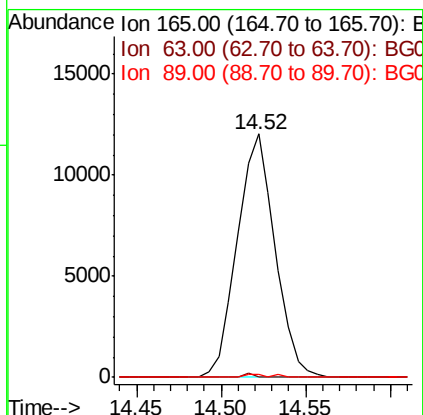
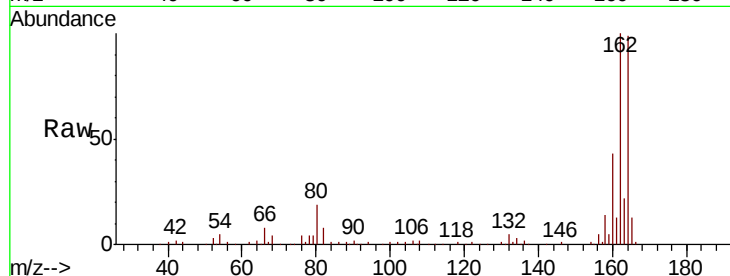




#51
 2,6-Dinitrotoluene
 Concen: 8.125 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG044559.D
 Acq: 21 Feb 2020 21:32

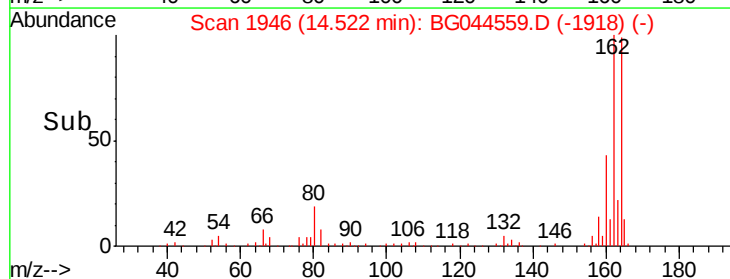
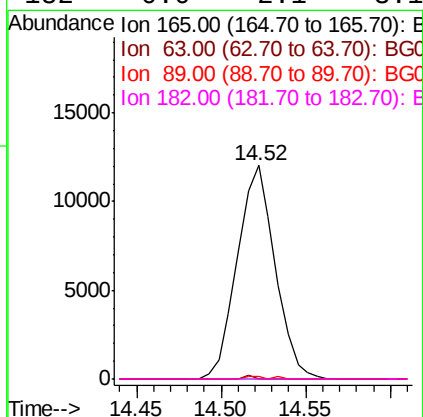
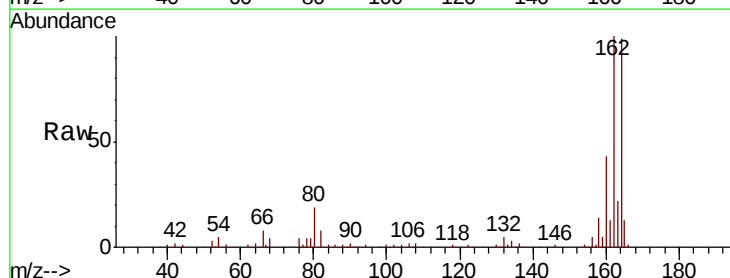
Instrument :
 BNA_G
 ClientSampleId :

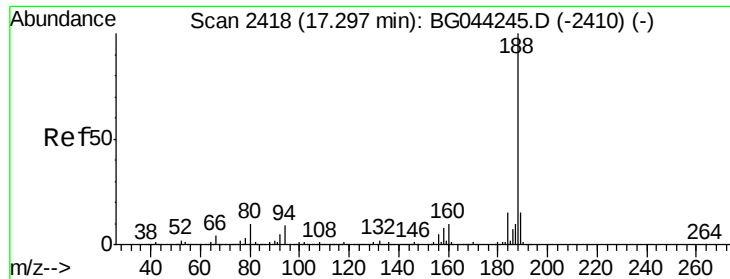
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	1.3	39.5	59.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.797 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG044559.D
 Acq: 21 Feb 2020 21:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.6	42.8#
89	1.3	50.7	76.1#
182	0.0	2.1	3.1#

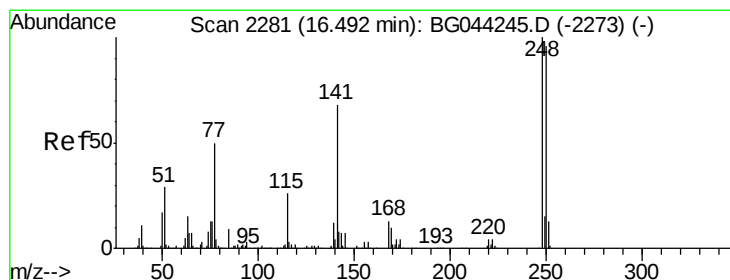
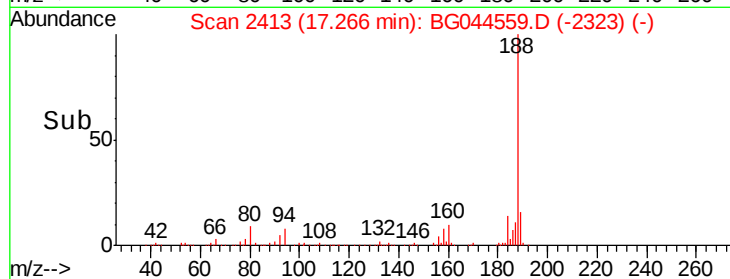
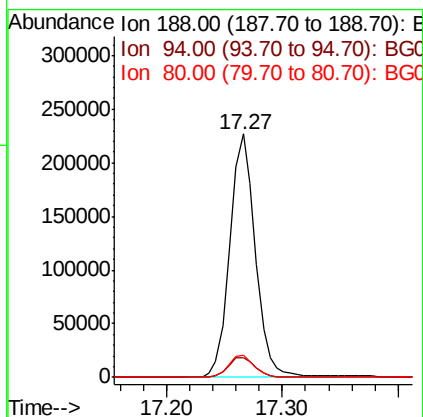
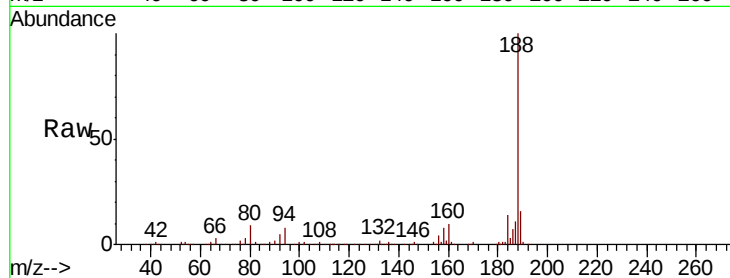




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

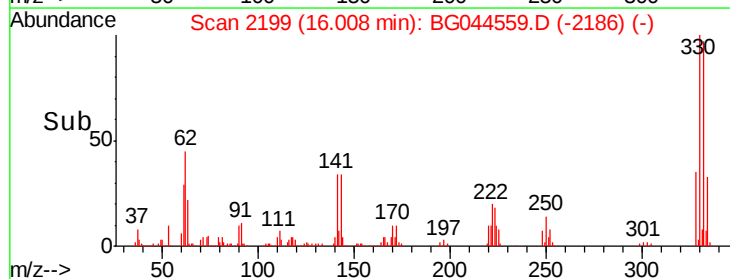
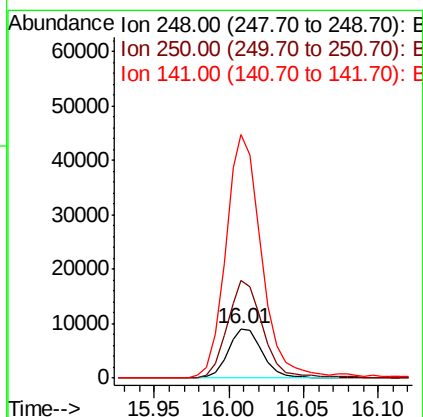
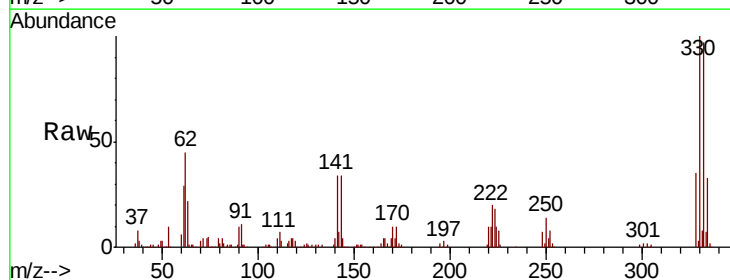
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 347995
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.0
80 9.1 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 3.824 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

Tgt Ion:248 Resp: 14500
Ion Ratio Lower Upper
248 100
250 197.5 76.8 115.2#
141 492.7 50.0 75.0#

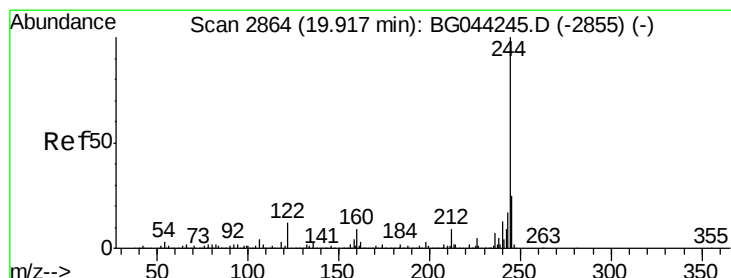
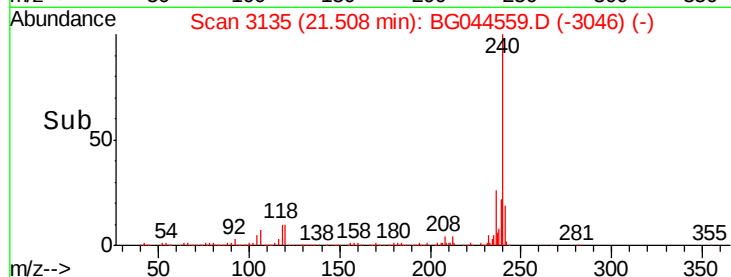
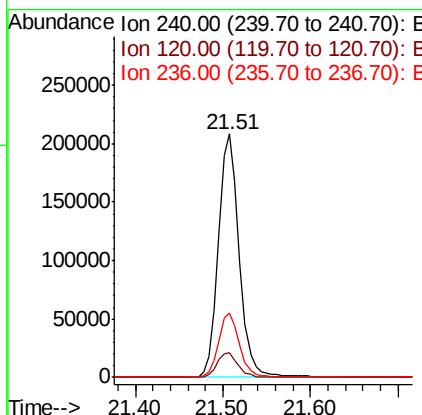
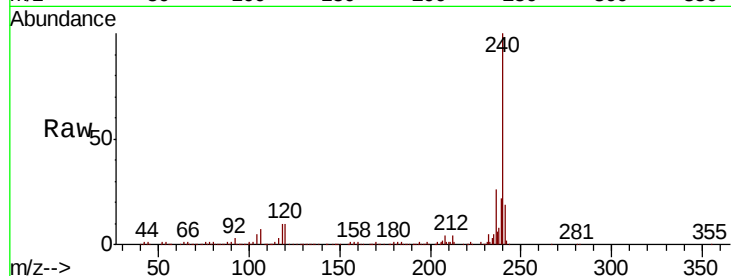




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG044559.D
 Acq: 21 Feb 2020 21:32

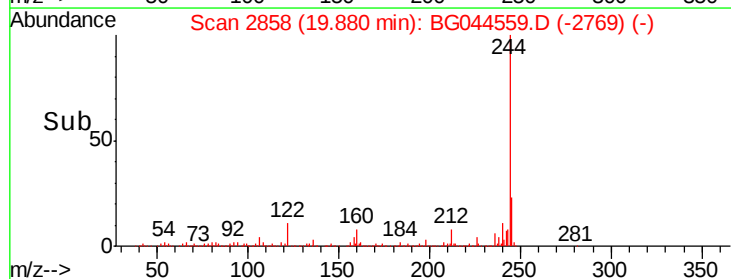
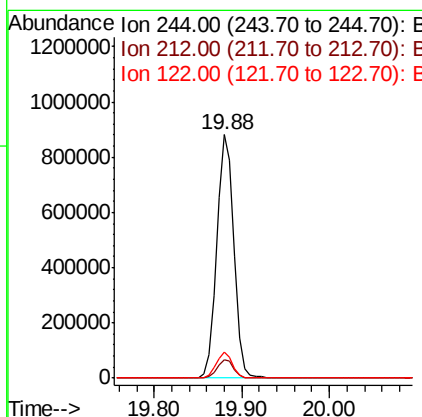
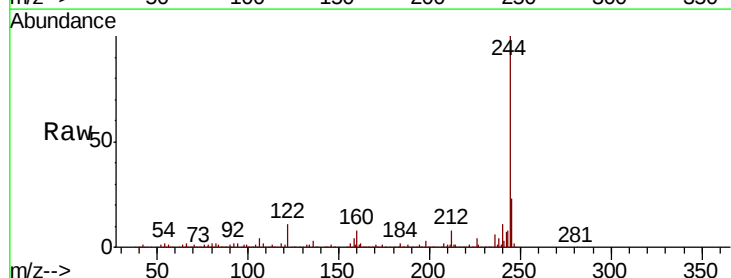
Instrument :
 BNA_G
 ClientSampled :

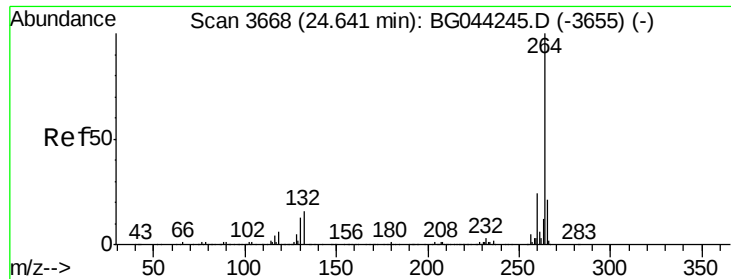
Tot Ion:240 Resp: 342898
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.2 12.2
 236 26.4 22.0 33.0



#79
 Terphenyl-d14
 Concen: 71.911 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG044559.D
 Acq: 21 Feb 2020 21:32

Tgt Ion:244 Resp: 1198814
 Ion Ratio Lower Upper
 244 100
 212 7.8 7.6 11.4
 122 10.6 9.8 14.8

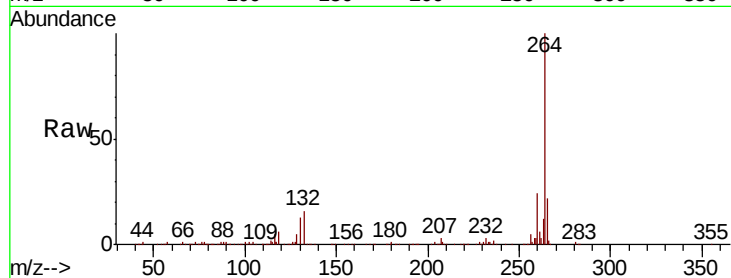




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3657
Delta R.T. -0.01 min
Lab File: BG044559.D
Acq: 21 Feb 2020 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

