

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044514.D
 Acq On : 20 Feb 2020 8:31
 Operator : CG/JU
 Sample : L1573-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 10:21:07 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

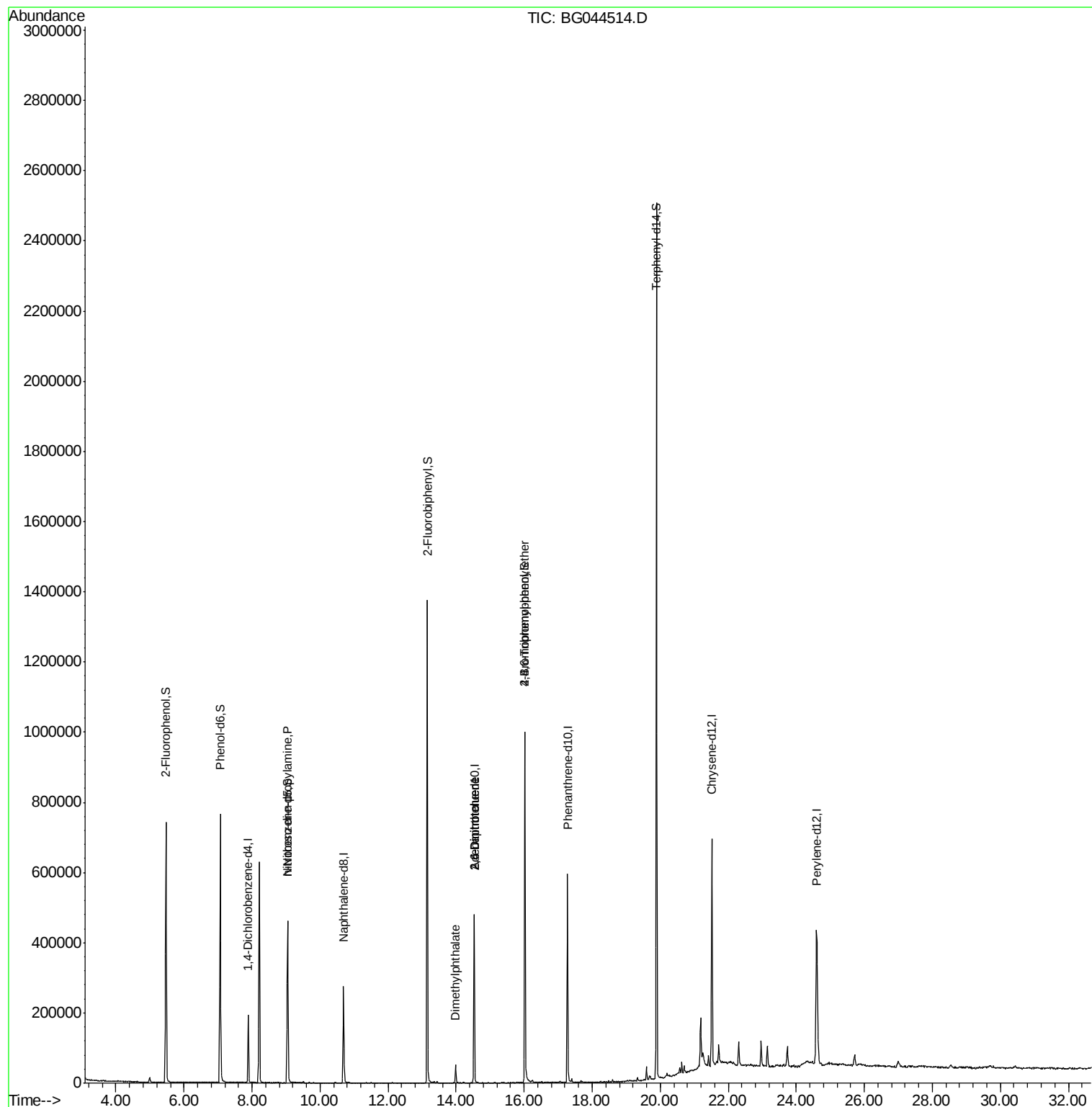
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	60446	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	260961	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	183939	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	399976	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	380044	20.00	ng	-0.02
87) Perylene-d12	24.60	264	410283	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	374708	109.40	ng	-0.01
7) Phenol-d6	7.06	99	504213	109.63	ng	-0.01
23) Nitrobenzene-d5	9.04	82	307084	66.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	219978	101.87	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	775734	70.62	ng	-0.01
79) Terphenyl-d14	19.89	244	1225397	66.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	39676	12.944	ng	Qvalue # 74
50) Dimethylphthalate	13.99	163	44395	3.358	ng	97
51) 2,6-Dinitrotoluene	14.53	165	23649	8.022	ng	# 29
57) 2,4-Dinitrotoluene	14.53	165	23649	5.723	ng	# 27
67) 4-Bromophenyl-phenylether	16.02	248	14810	3.399	ng	# 1

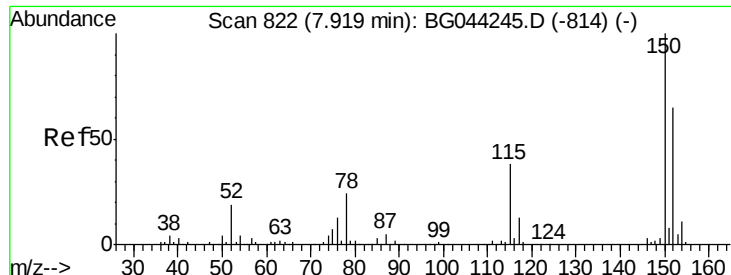
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

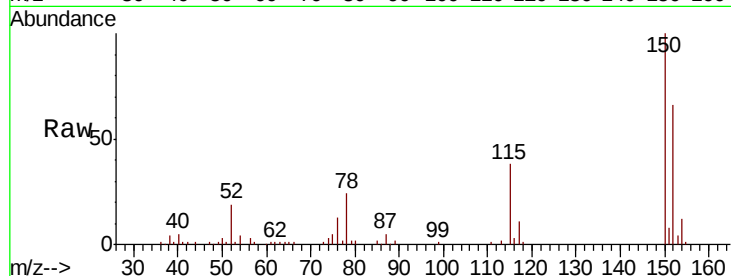




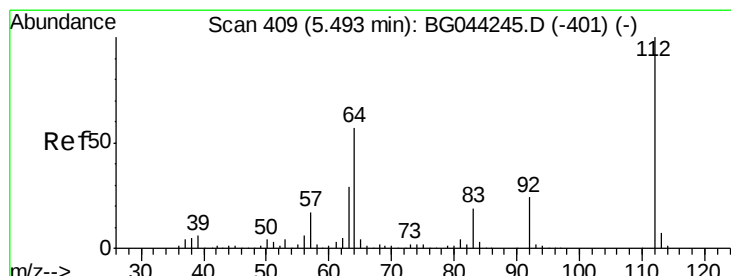
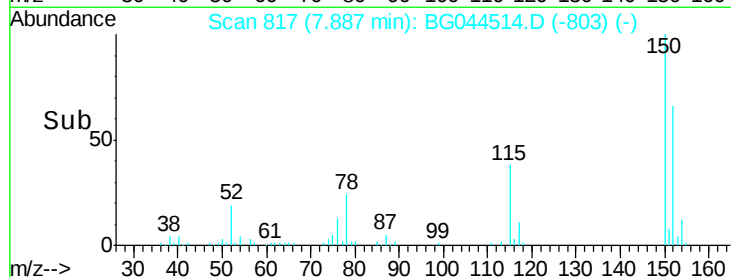
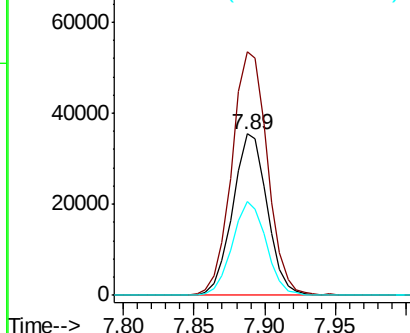
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 60446
 Ion Ratio Lower Upper
 152 100
 150 151.1 122.6 183.8
 115 58.1 46.0 69.0

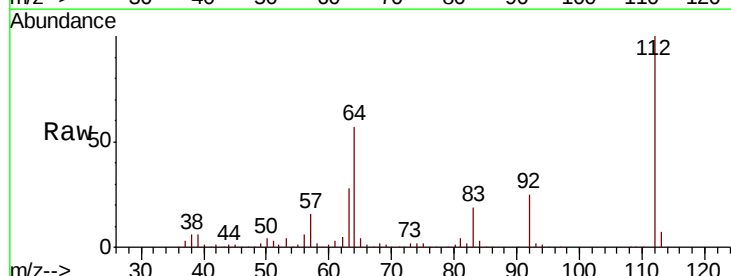


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

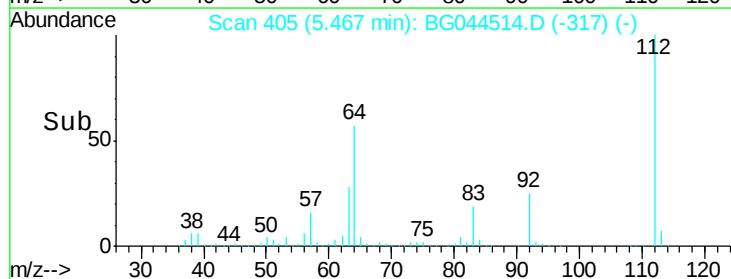
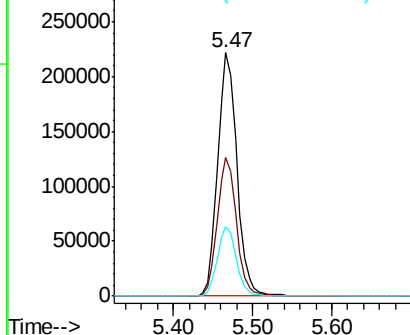


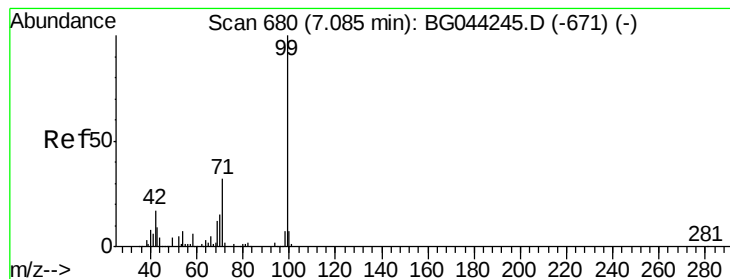
#5
 2-Fluorophenol
 Concen: 109.404 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Tgt Ion:112 Resp: 374708
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.4 68.2
 63 28.4 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: 109.629 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044514.D

Acq: 20 Feb 2020 8:31

Instrument :

BNA_G

ClientSampleId :

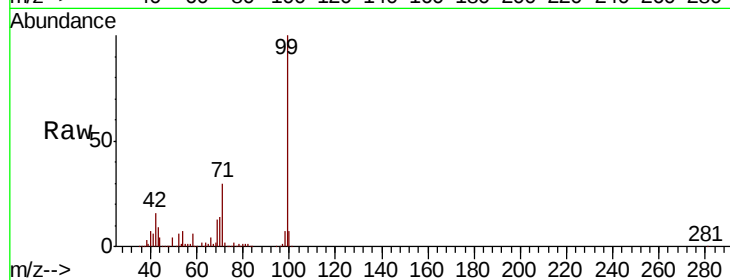
Tot Ion: 99 Resp: 504213

Ion Ratio Lower Upper

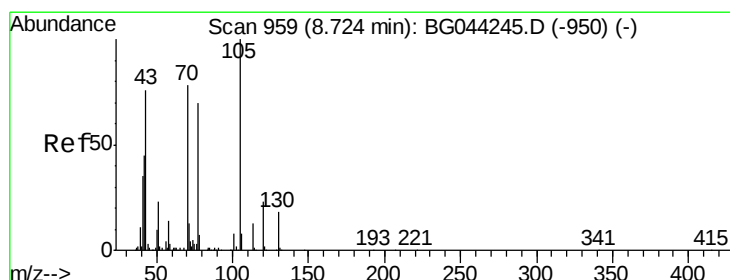
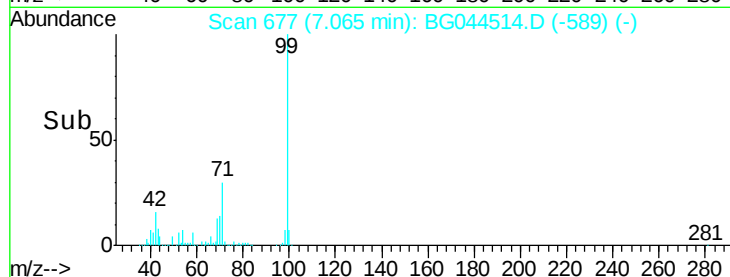
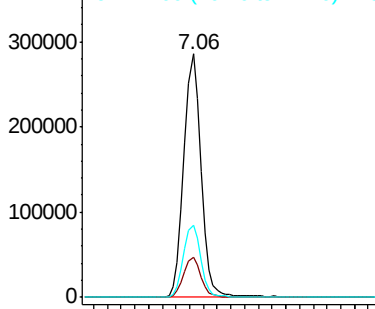
99 100

42 16.4 13.8 20.6

71 29.9 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: 12.944 ng

RT: 9.04 min Scan# 1014

Delta R.T. 0.33 min

Lab File: BG044514.D

Acq: 20 Feb 2020 8:31

Tgt Ion: 70 Resp: 39676

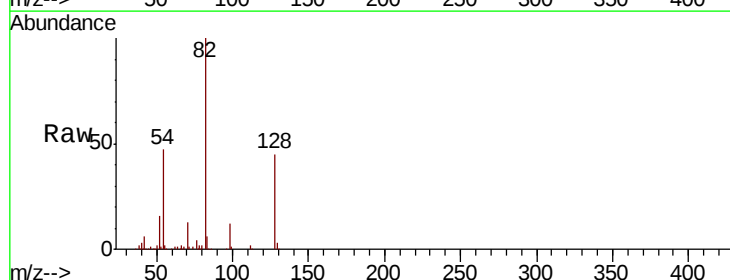
Ion Ratio Lower Upper

70 100

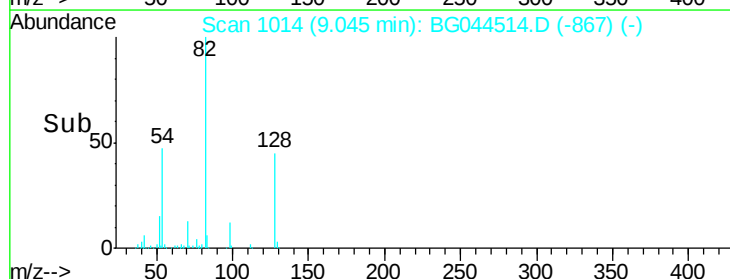
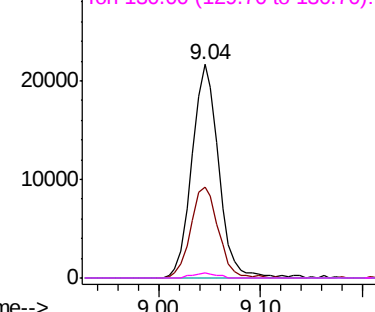
42 42.8 46.2 69.2#

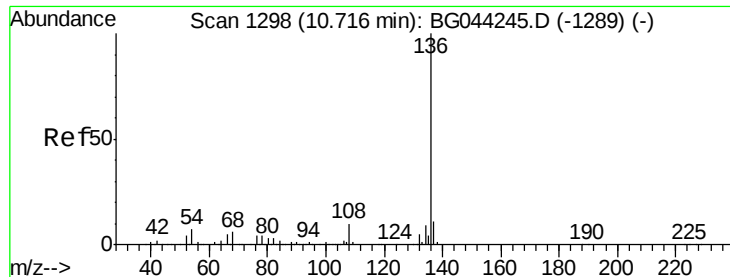
101 0.0 8.4 12.6#

130 2.5 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

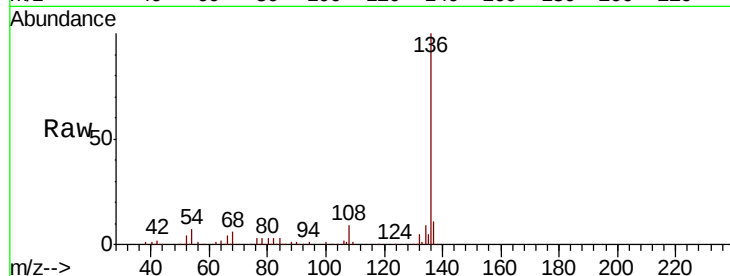




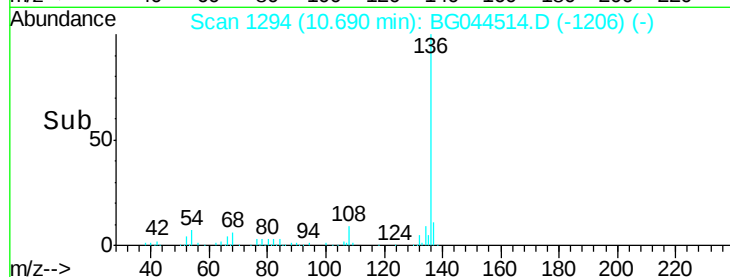
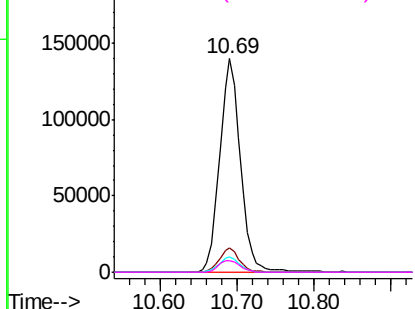
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	260961
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	7.1	5.8 8.8
68	5.6	4.6 6.8

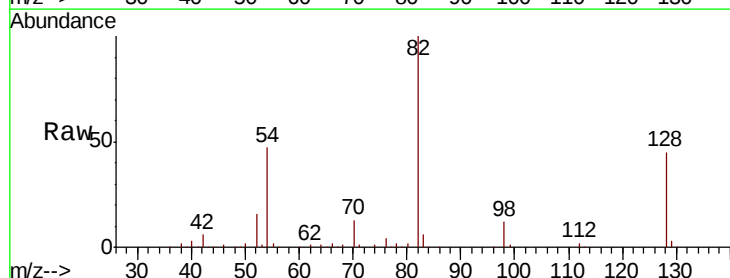


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

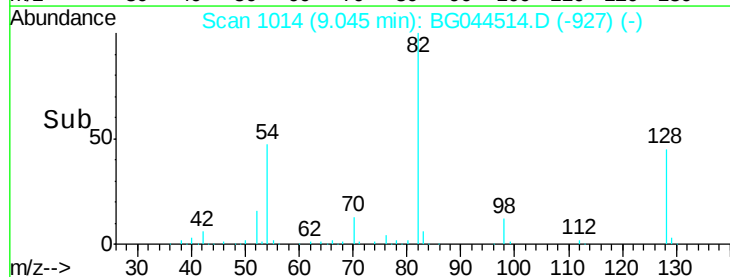
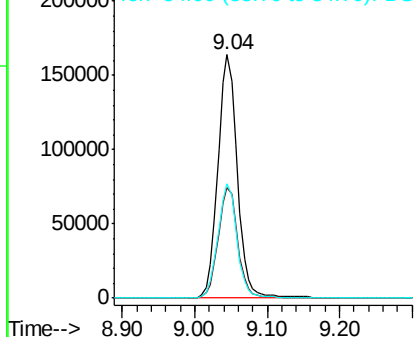


#23
Nitrobenzene-d5
Concen: 66.435 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

Tgt Ion: 82	Resp:	307084
Ion	Ratio	Lower Upper
82	100	
128	45.4	36.5 54.7
54	46.9	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

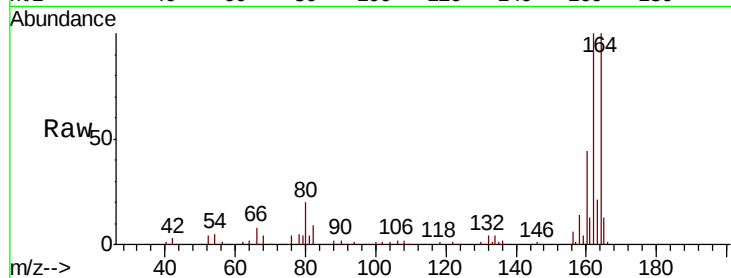




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.7	121.1
160	44.0	35.3	52.9

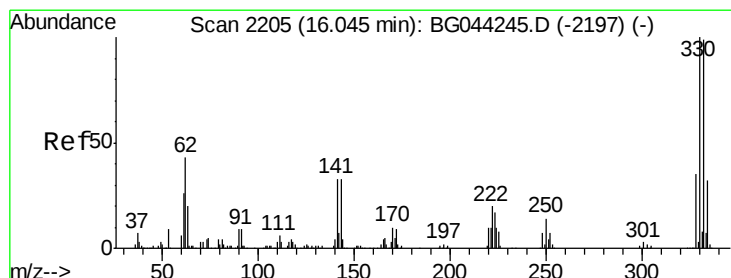
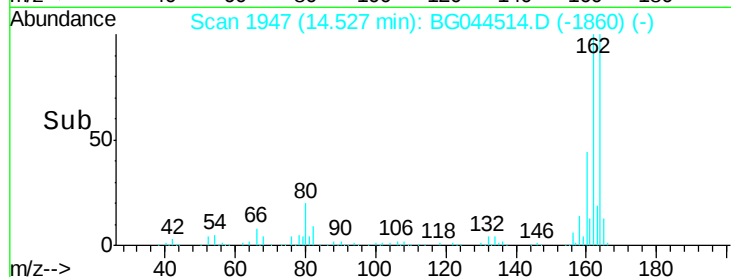
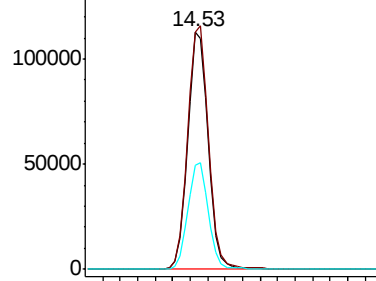


Abundance

Ion 164.00 (163.70 to 164.70): E

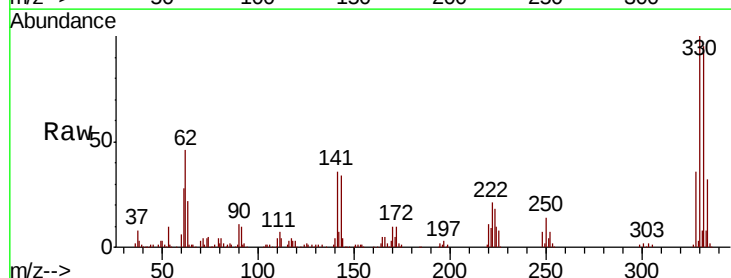
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 101.873 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	34.6	28.3	42.5

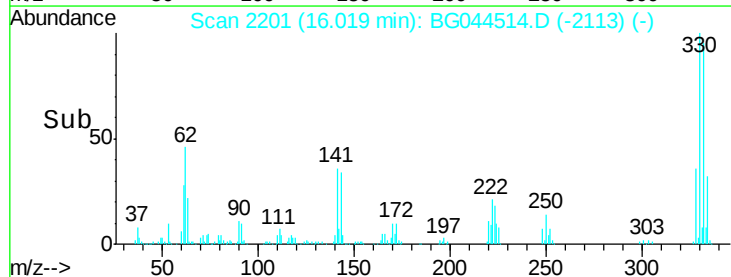
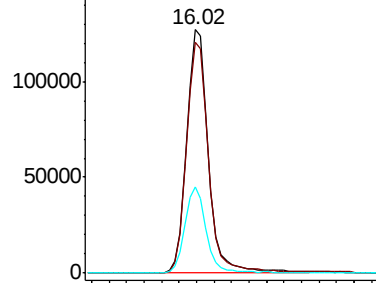


Abundance

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

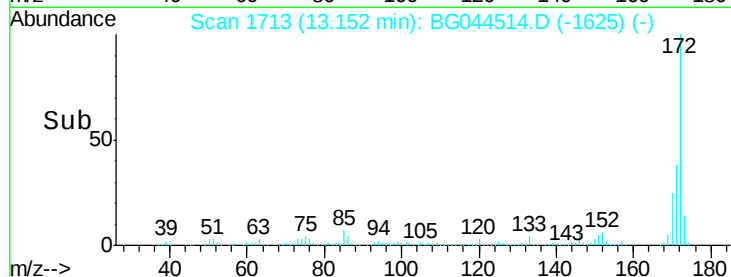
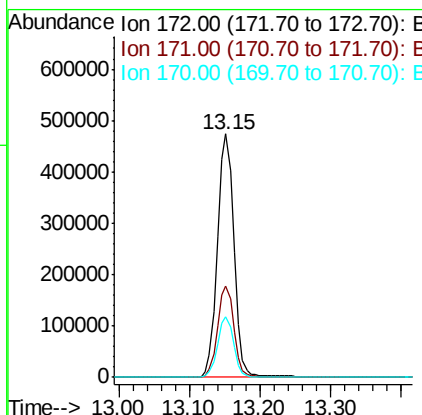
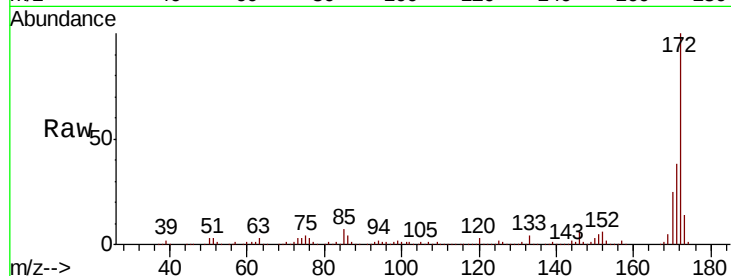




#45
2-Fluorobiphenyl
Concen: 70.622 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

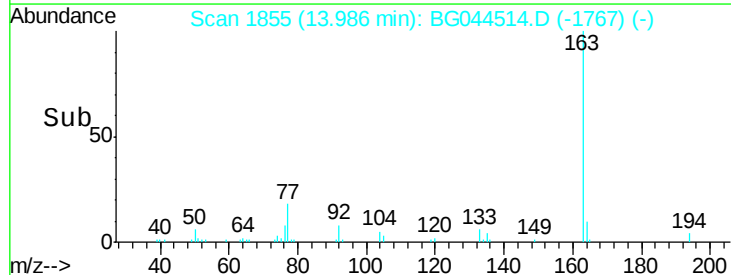
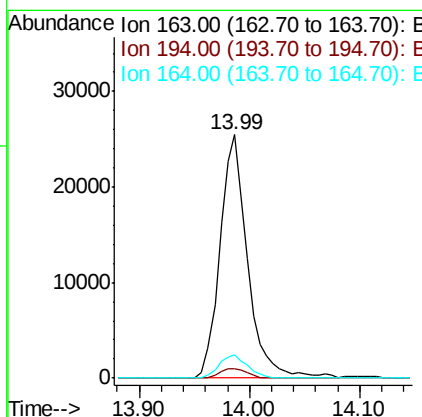
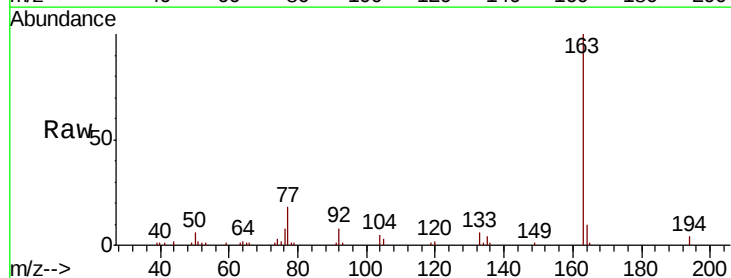
Instrument :
BNA_G
ClientSampleId :

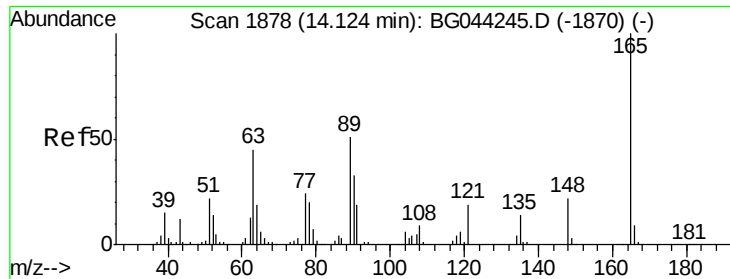
Tot Ion:172 Resp: 775734
Ion Ratio Lower Upper
172 100
171 37.6 32.9 49.3
170 24.9 22.0 33.0



#50
Dimethylphthalate
Concen: 3.358 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

Tgt Ion:163 Resp: 44395
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4
164 9.6 8.7 13.1

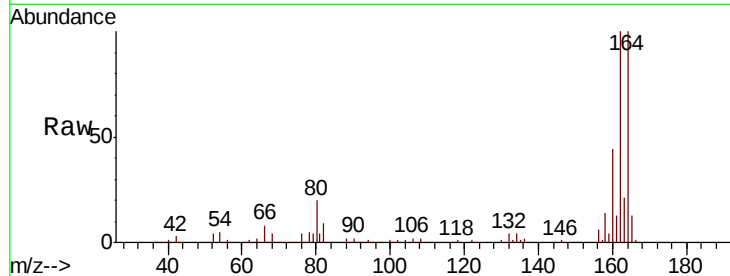




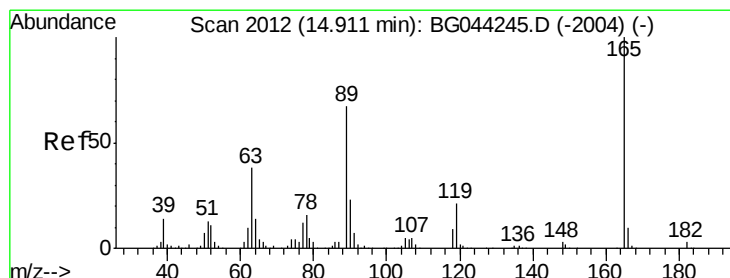
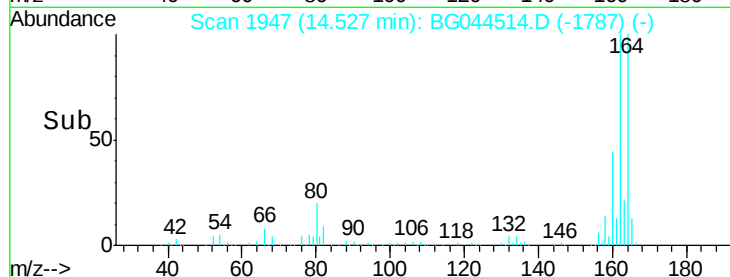
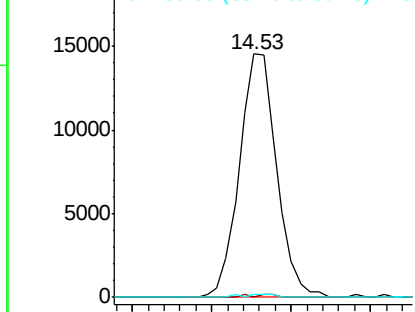
#51
 2,6-Dinitrotoluene
 Concen: 8.022 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.4	40.4	60.6#

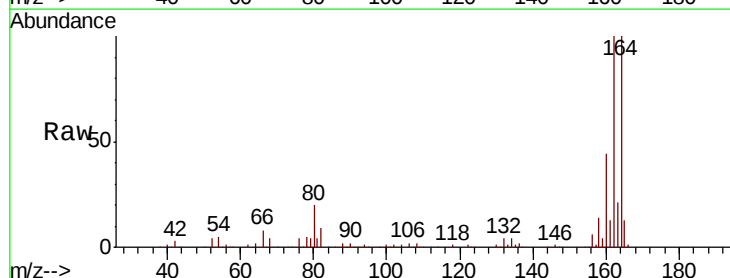


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

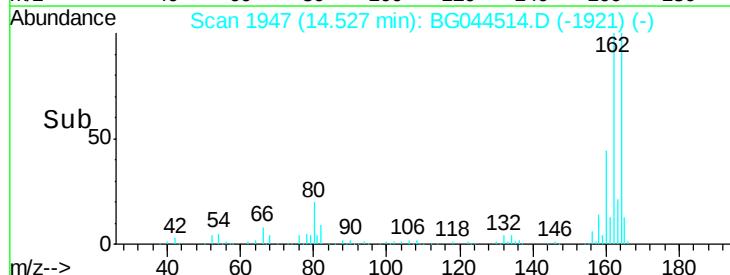
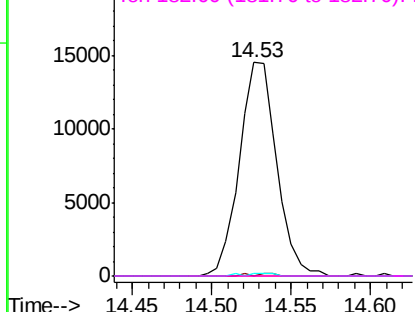


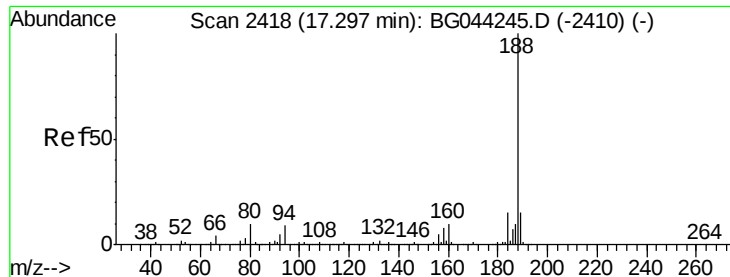
#57
 2,4-Dinitrotoluene
 Concen: 5.723 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.38 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.4	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

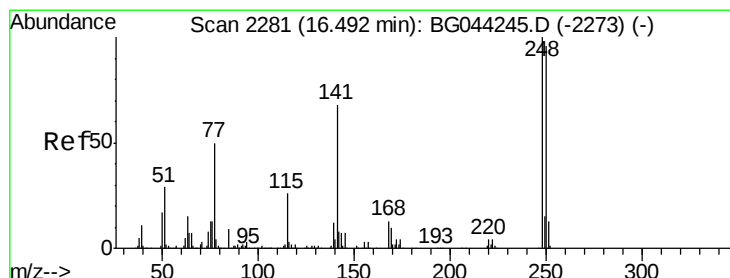
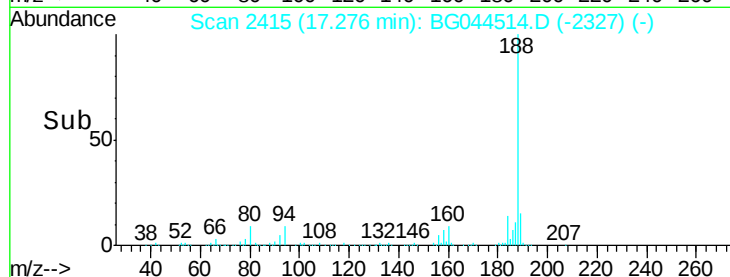
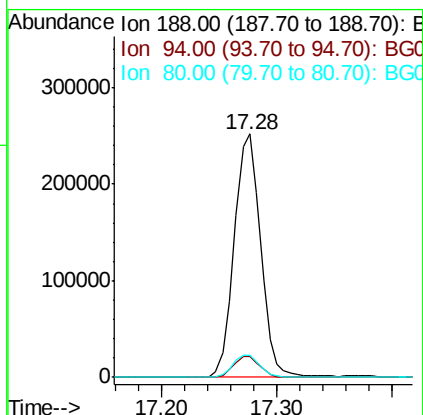
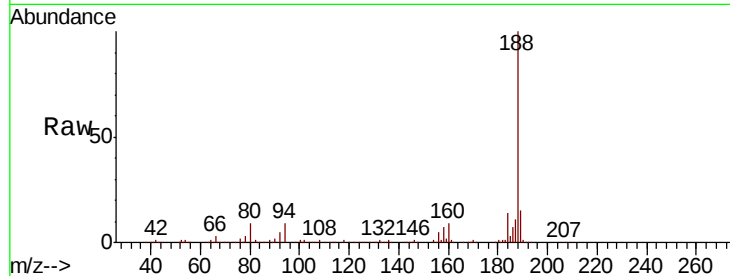




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

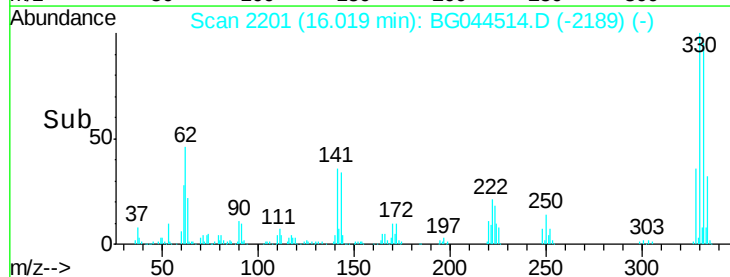
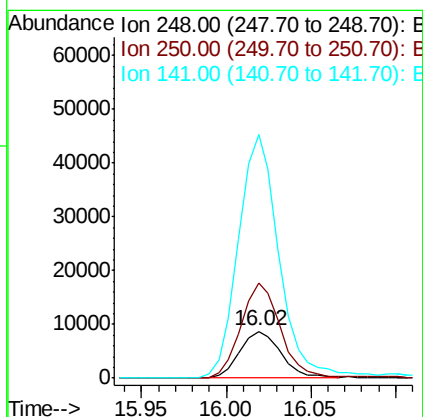
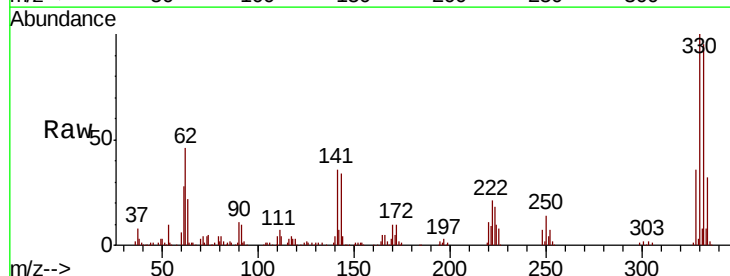
Instrument :
BNA_G
ClientSampleId :

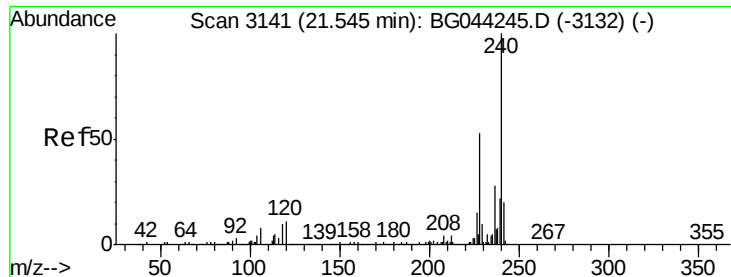
Tot Ion:188 Resp: 399976
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.1 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.399 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.46 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

Tgt Ion:248 Resp: 14810
Ion Ratio Lower Upper
248 100
250 202.8 76.6 114.8#
141 516.8 54.7 82.1#

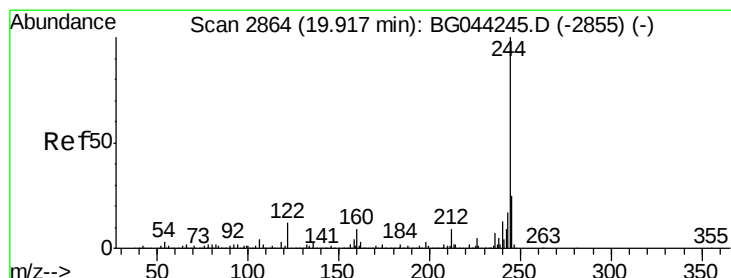
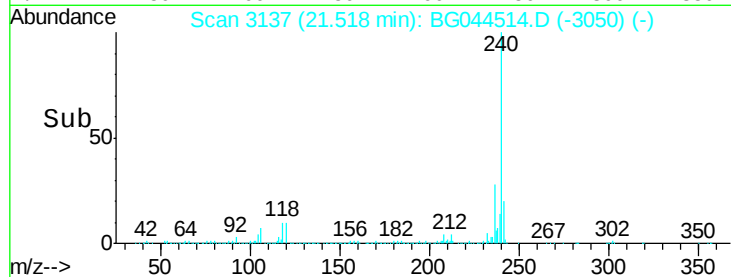
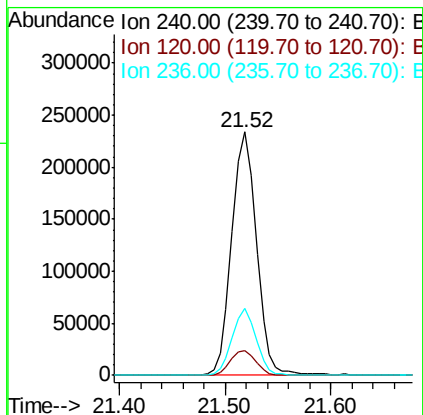
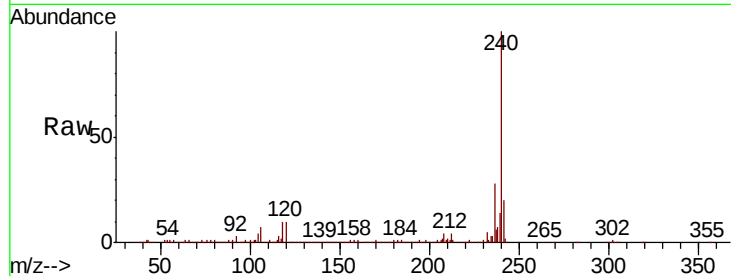




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

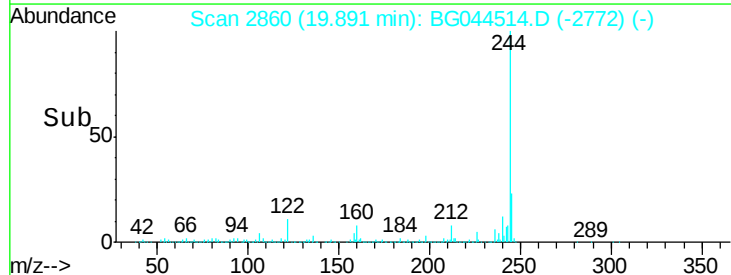
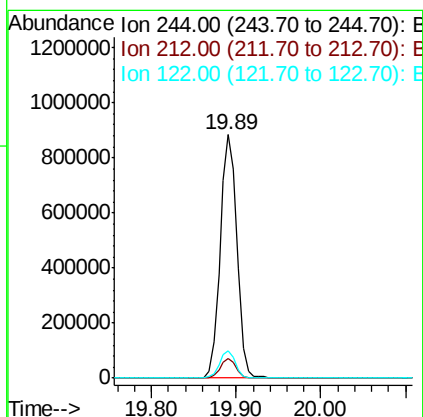
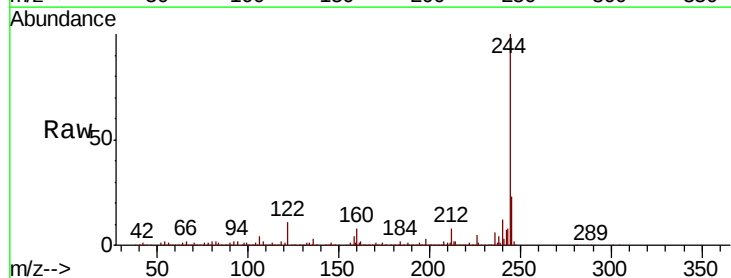
Instrument :
 BNA_G
 ClientSampleId :

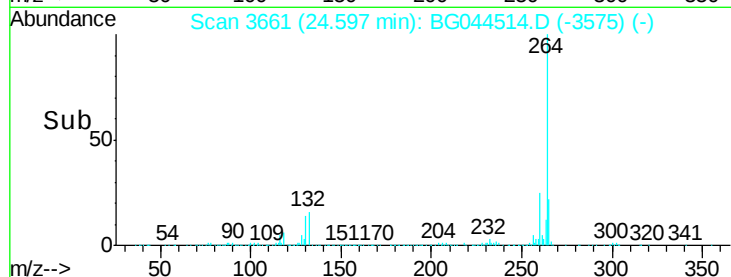
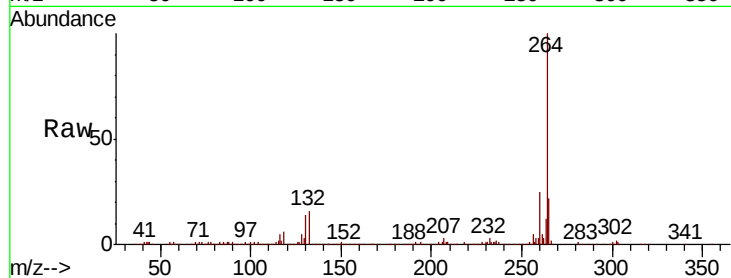
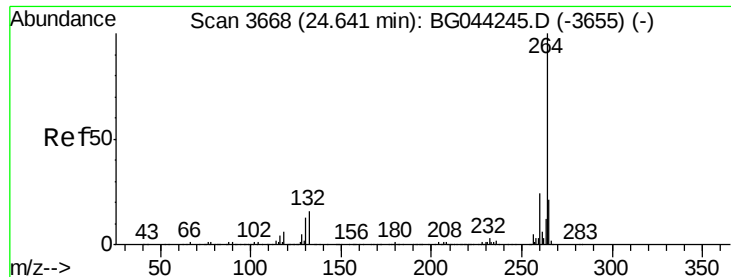
Tot Ion:240 Resp: 380044
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 27.5 22.1 33.1



#79
 Terphenyl-d14
 Concen: 66.321 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Tgt Ion:244 Resp: 1225397
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 11.1 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	22.5	16.7	25.1

