

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044499.D
 Acq On : 19 Feb 2020 21:23
 Operator : CG/JU
 Sample : L1558-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:17:19 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

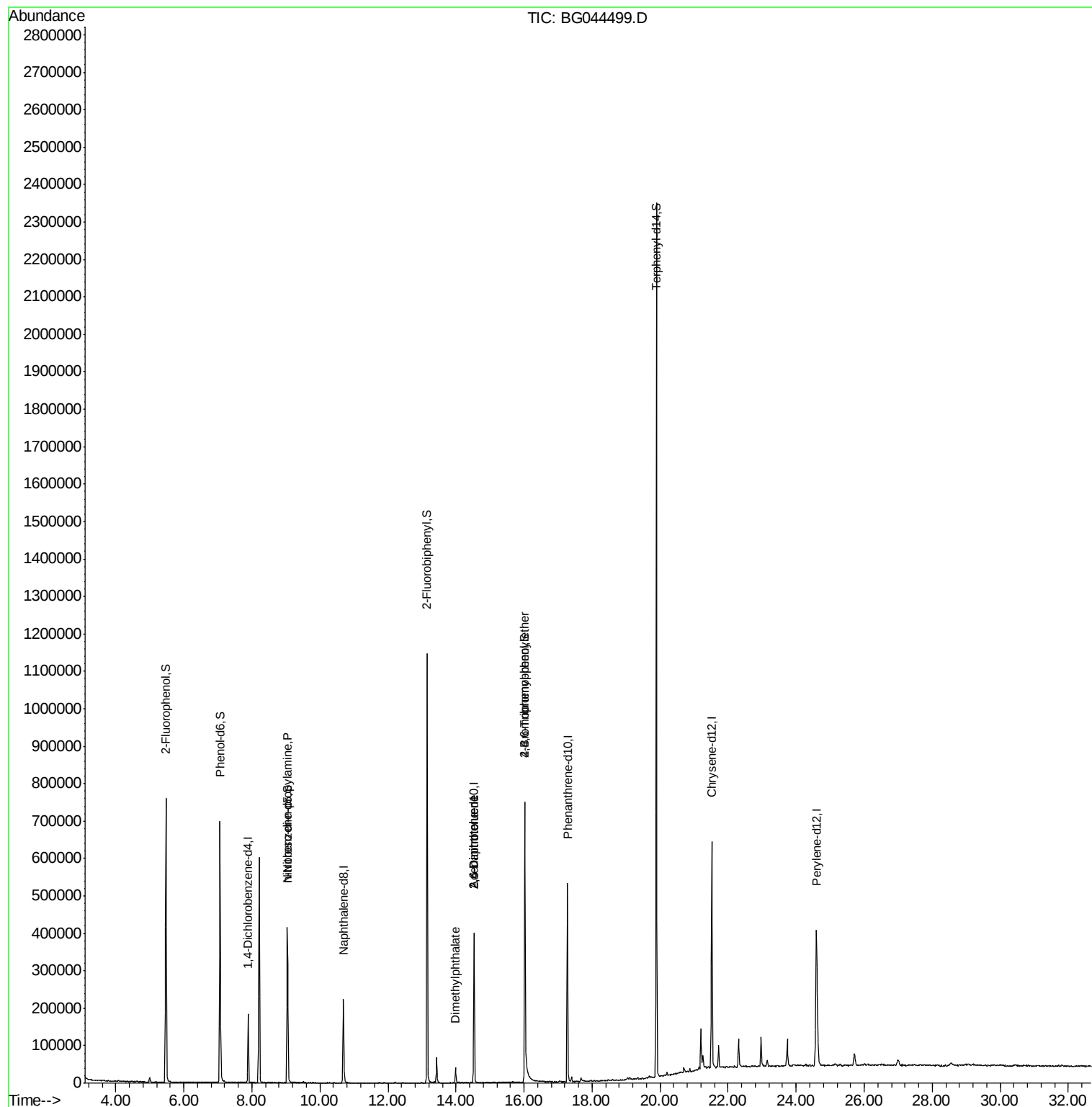
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	56555	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	226602	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	142971	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	352232	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	368155	20.00	ng	-0.02
87) Perylene-d12	24.59	264	385648	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	383341	119.62	ng	0.00
7) Phenol-d6	7.06	99	477231	110.90	ng	-0.01
23) Nitrobenzene-d5	9.04	82	282222	70.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	204945	122.11	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	640747	75.05	ng	-0.01
79) Terphenyl-d14	19.89	244	1145842	64.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	36352	12.676	ng	# 77
50) Dimethylphthalate	13.99	163	35921	3.495	ng	# 97
51) 2,6-Dinitrotoluene	14.53	165	18694	8.158	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	18694	5.821	ng	# 28
67) 4-Bromophenyl-phenylether	16.02	248	12529	3.265	ng	# 1

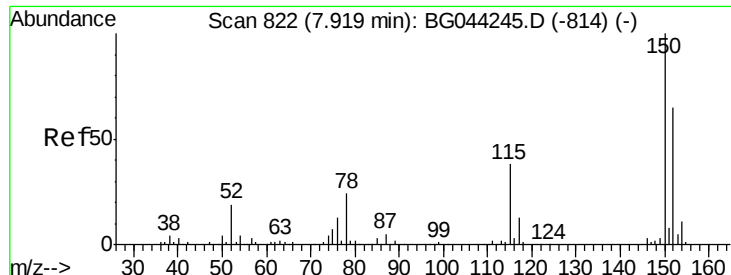
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



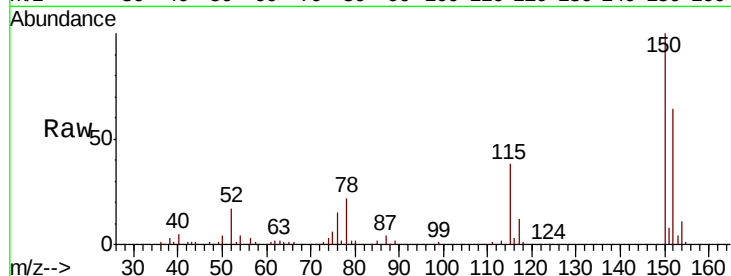


#1

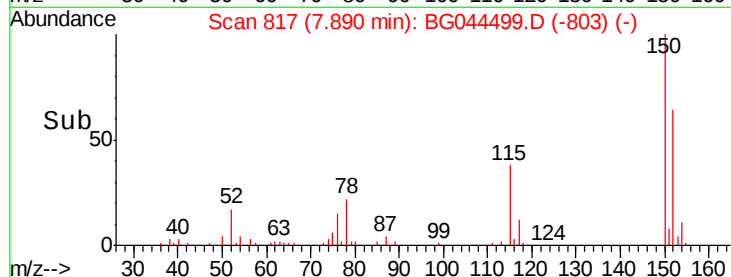
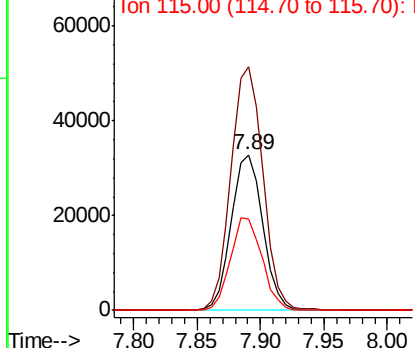
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG044499.D
 Acq: 19 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.6	183.8
115	59.0	46.0	69.0



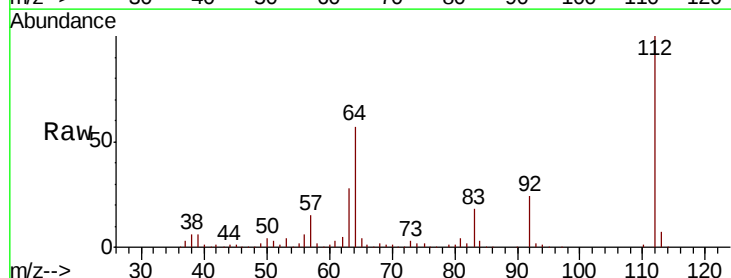
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



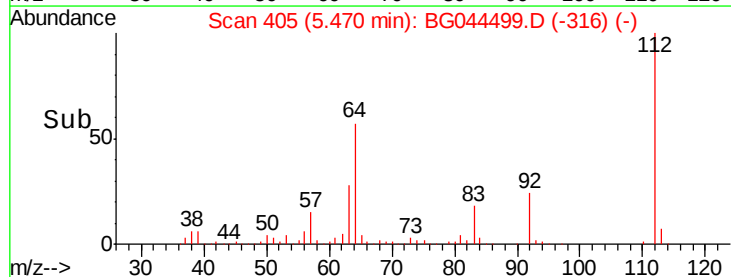
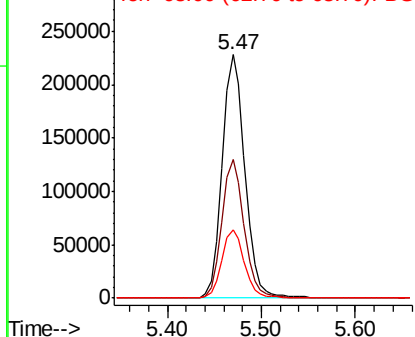
#5

2-Fluorophenol
 Concen: 119.625 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044499.D
 Acq: 19 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	28.3	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: 110.901 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

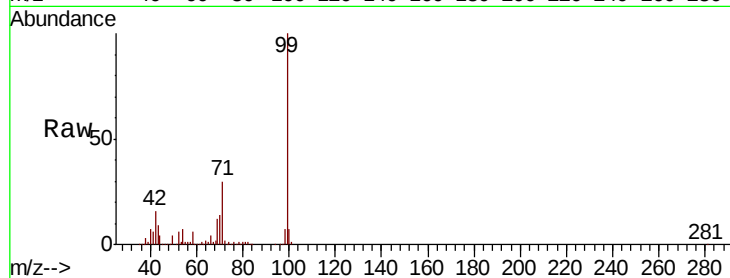
Tot Ion: 99 Resp: 477231

Ion Ratio Lower Upper

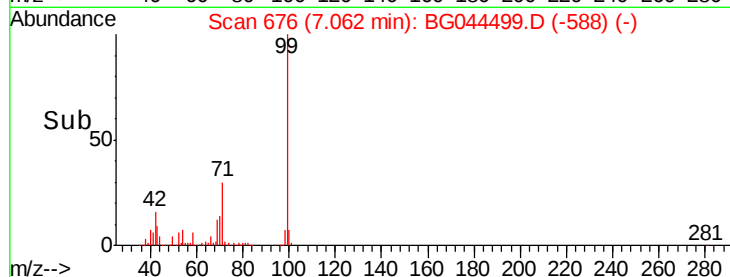
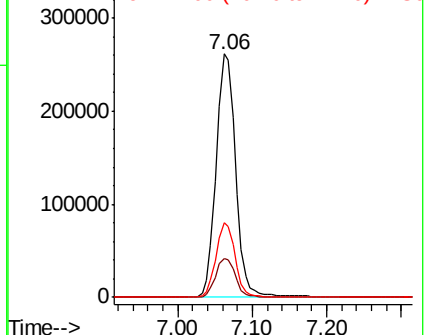
99 100

42 16.1 13.8 20.6

71 30.4 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: 12.676 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.33 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

Tgt Ion: 70 Resp: 36352

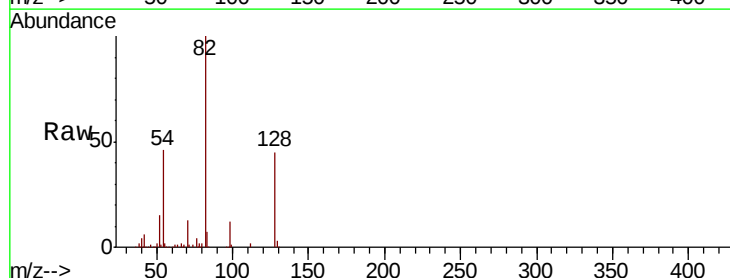
Ion Ratio Lower Upper

70 100

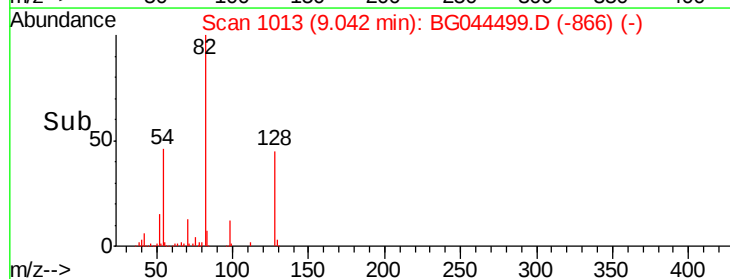
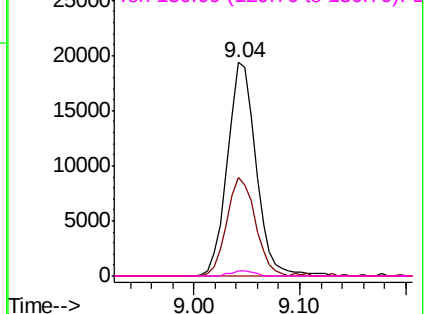
42 46.4 46.2 69.2

101 0.0 8.4 12.6#

130 2.2 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

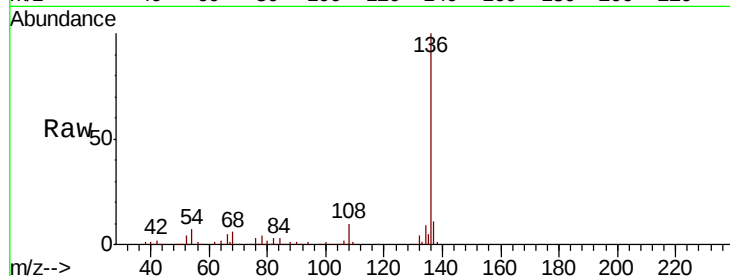




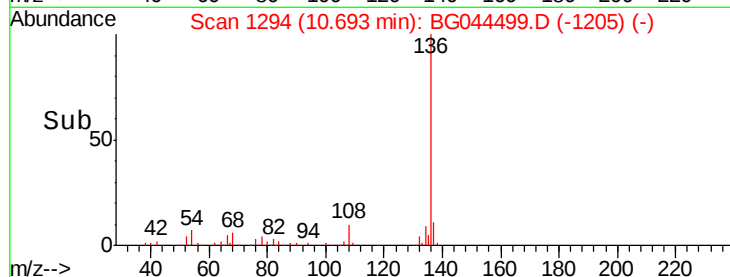
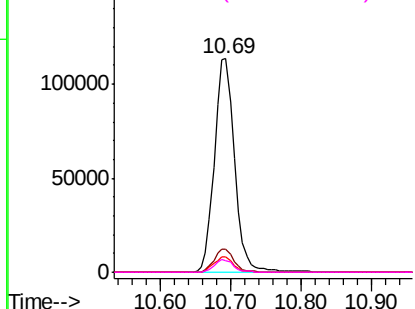
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044499.D
Acq: 19 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	226602
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.3	5.8 8.8
68	5.6	4.6 6.8

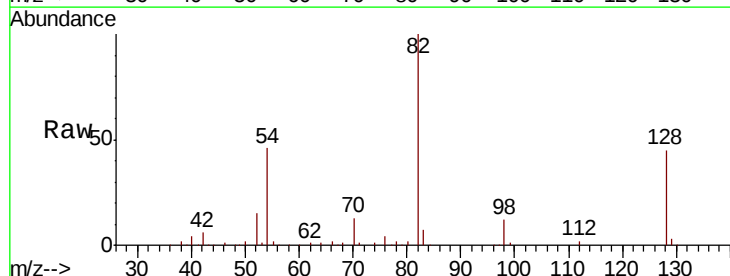


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

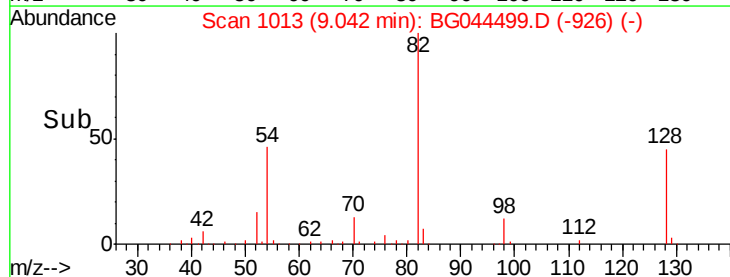
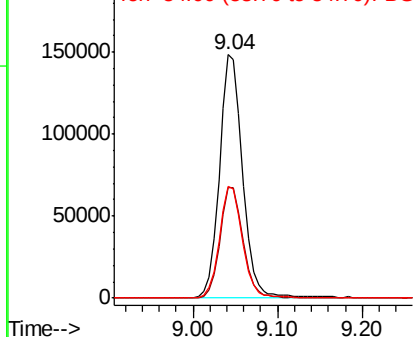


#23
Nitrobenzene-d5
Concen: 70.314 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG044499.D
Acq: 19 Feb 2020 21:23

Tgt Ion: 82	Resp:	282222
Ion	Ratio	Lower Upper
82	100	
128	45.3	36.5 54.7
54	45.7	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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. -0.01 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

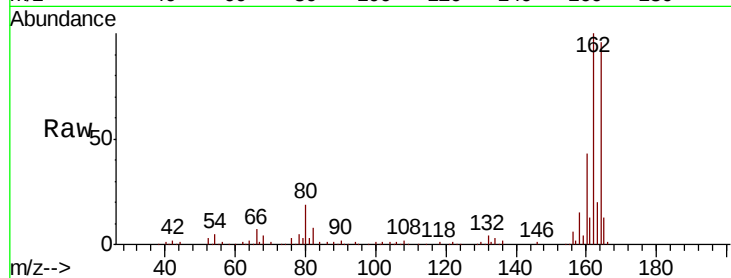
Tot Ion:164 Resp: 142971

Ion Ratio Lower Upper

164 100

162 104.4 80.7 121.1

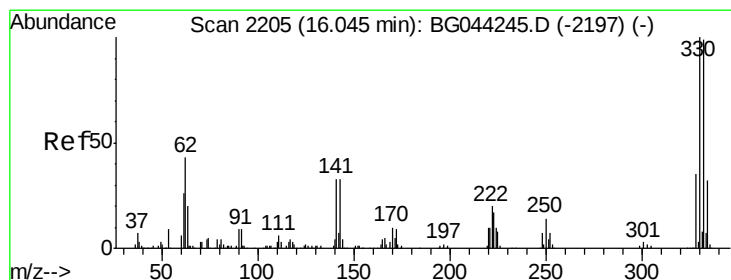
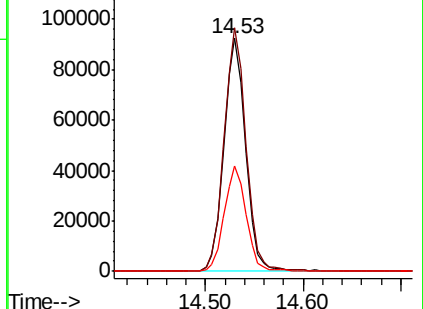
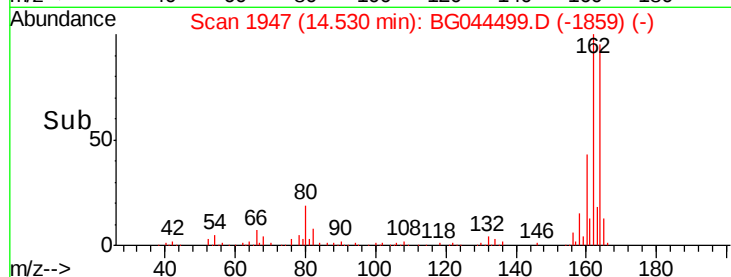
160 45.3 35.3 52.9



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: 122.108 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

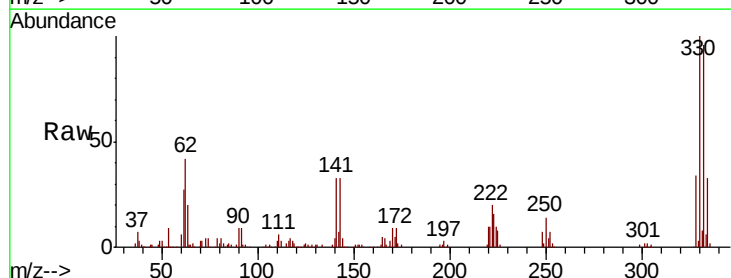
Tgt Ion:330 Resp: 204945

Ion Ratio Lower Upper

330 100

332 93.6 77.2 115.8

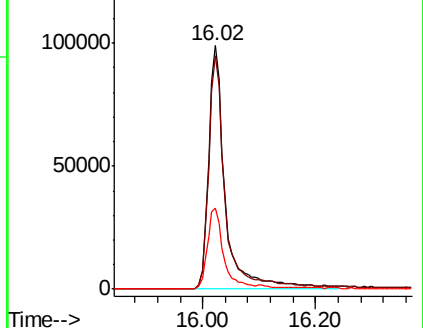
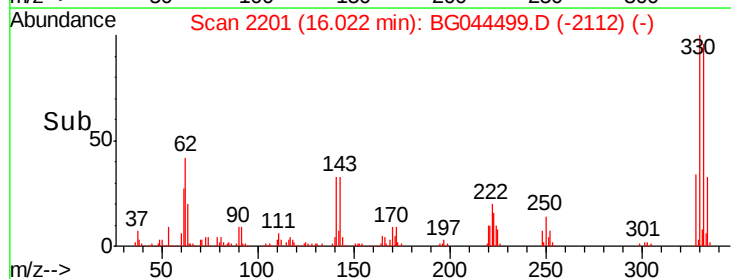
141 32.9 28.3 42.5

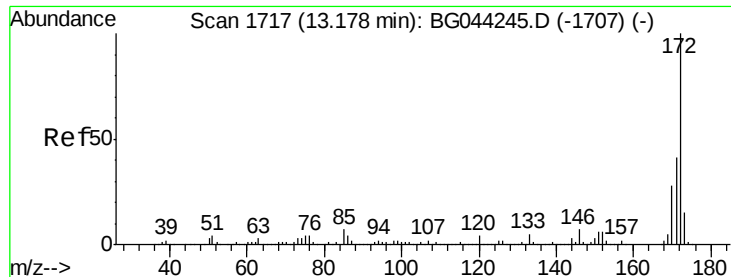


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

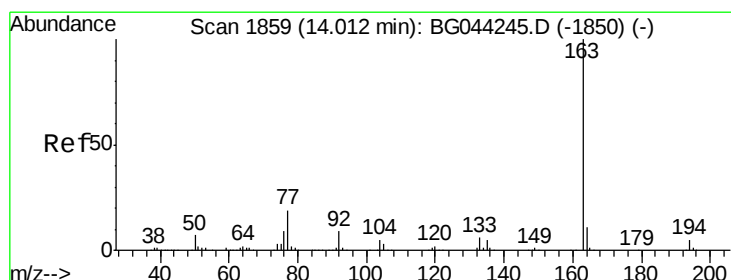
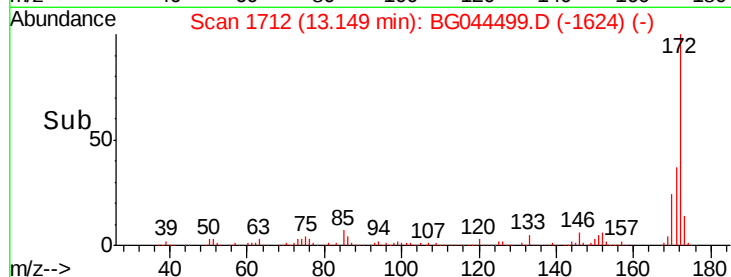
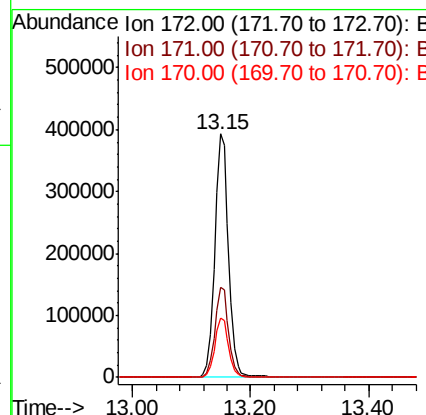
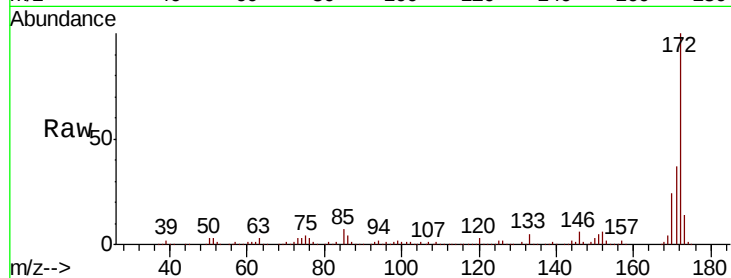




#45
2-Fluorobiphenyl
Concen: 75.048 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG044499.D
Acq: 19 Feb 2020 21:23

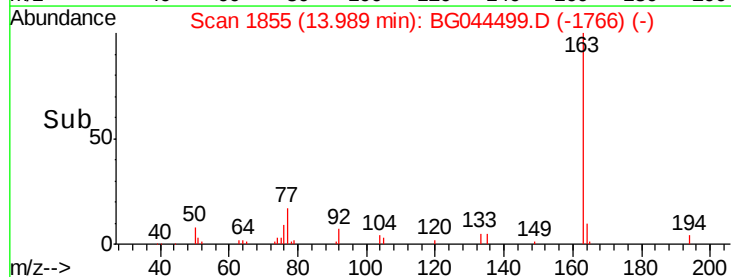
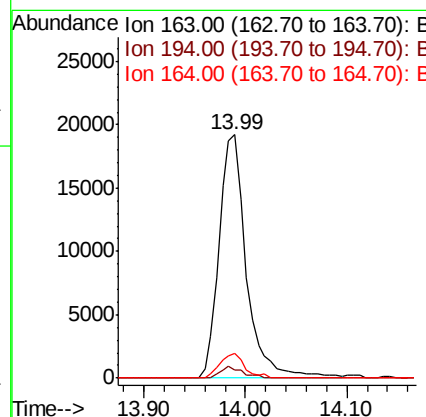
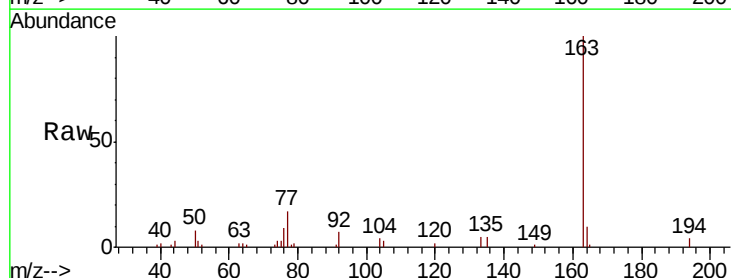
Instrument :
BNA_G
ClientSampleId :

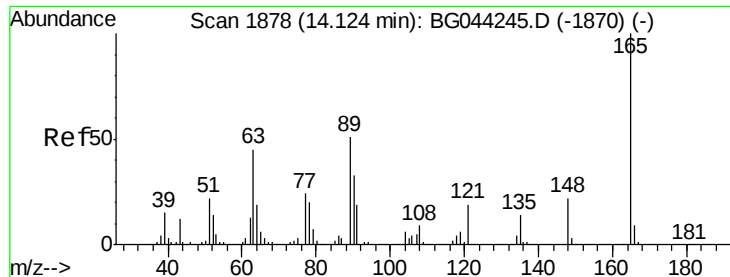
Tot Ion:172 Resp: 640747
Ion Ratio Lower Upper
172 100
171 37.2 32.9 49.3
170 24.3 22.0 33.0



#50
Dimethylphthalate
Concen: 3.495 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044499.D
Acq: 19 Feb 2020 21:23

Tgt Ion:163 Resp: 35921
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4#
164 10.0 8.7 13.1

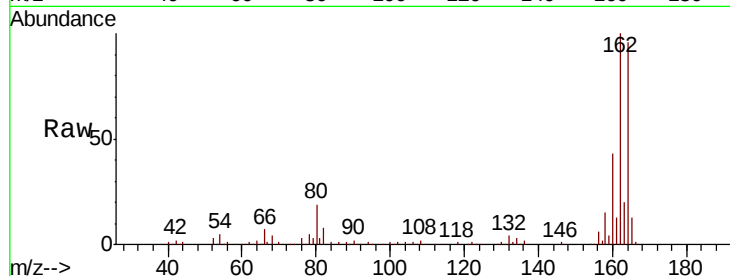




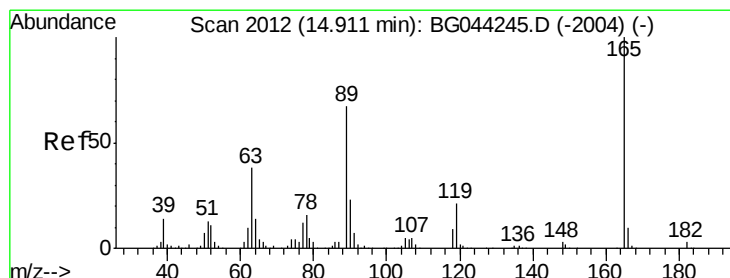
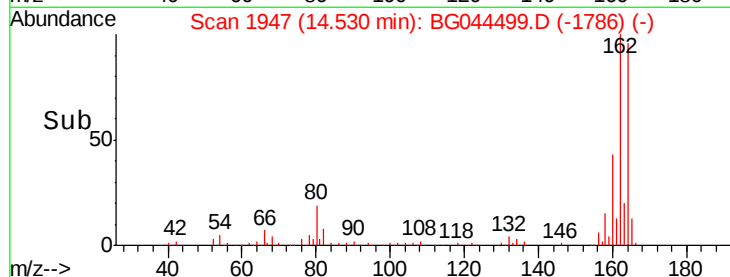
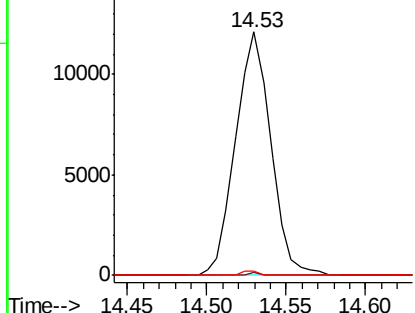
#51
2,6-Dinitrotoluene
Concen: 8.158 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG044499.D
Acq: 19 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.7	58.1#
89	1.6	40.4	60.6#



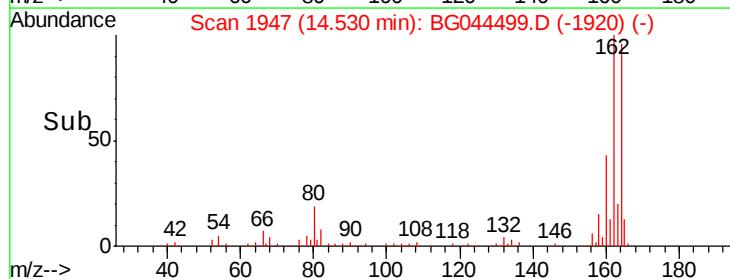
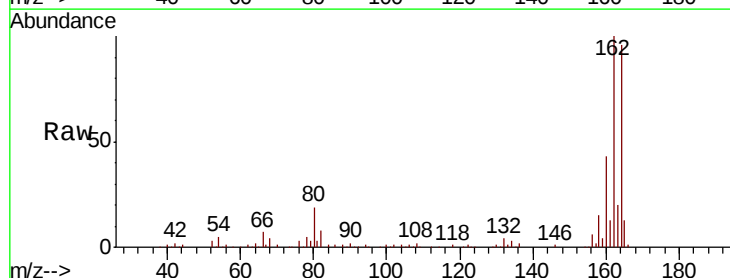
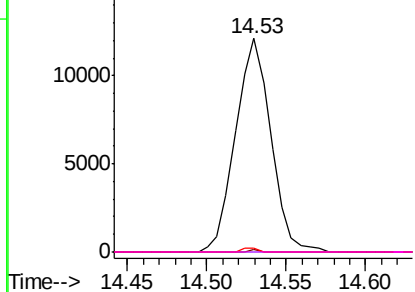
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

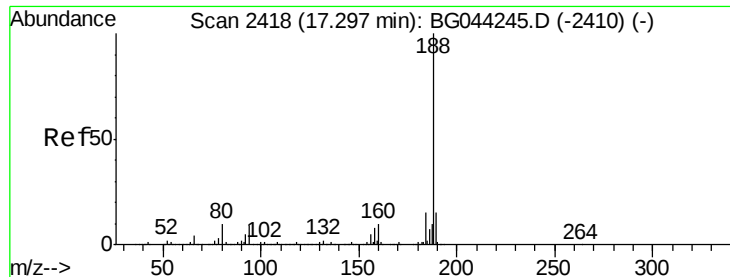


#57
2,4-Dinitrotoluene
Concen: 5.821 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG044499.D
Acq: 19 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.3	45.5#
89	1.6	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: 17.27 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

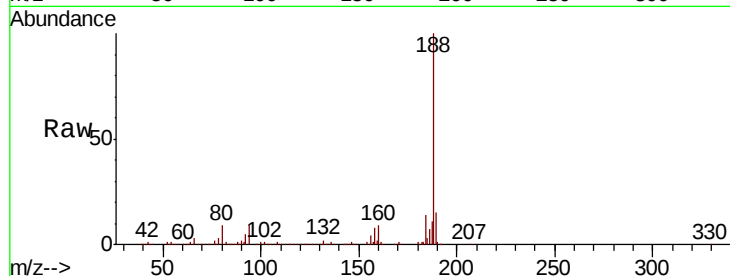
Tot Ion:188 Resp: 352232

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

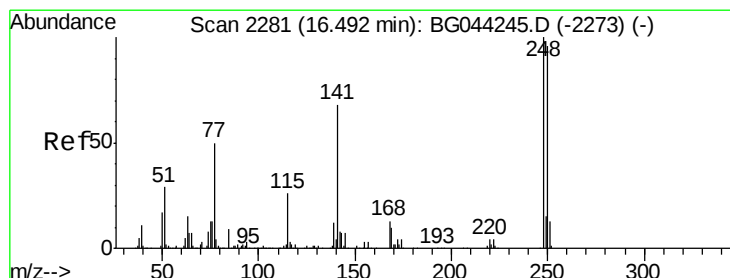
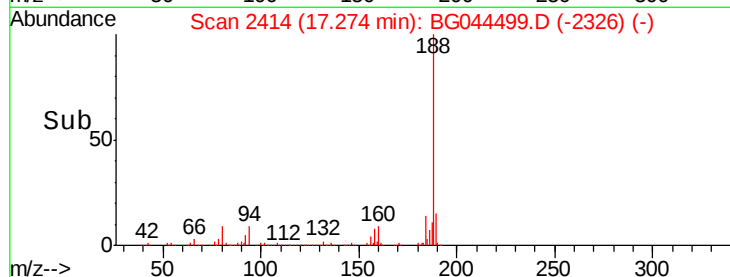
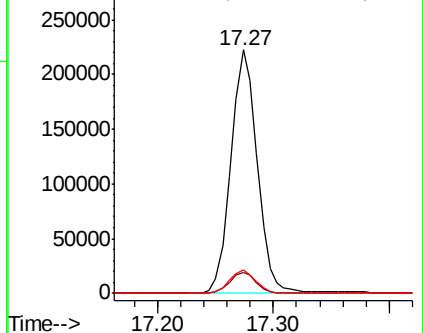
80 9.5 7.7 11.5



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: 3.265 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.46 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

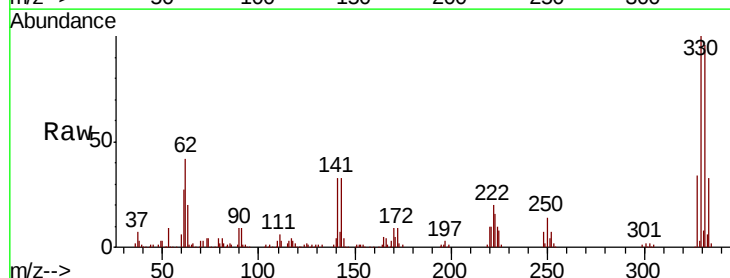
Tgt Ion:248 Resp: 12529

Ion Ratio Lower Upper

248 100

250 193.0 76.6 114.8#

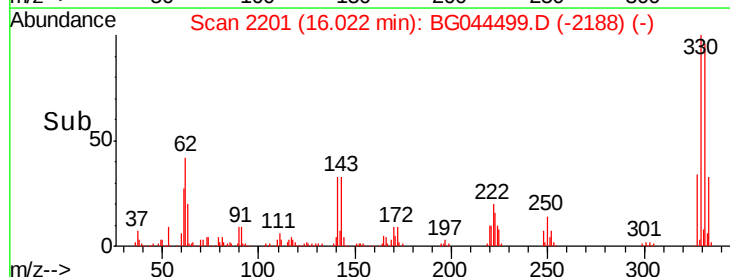
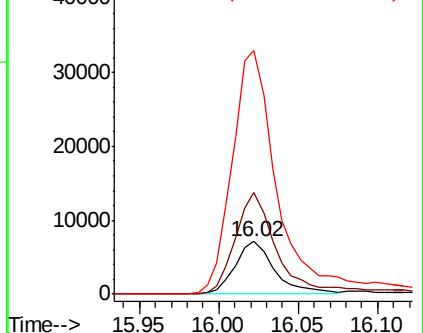
141 464.5 54.7 82.1#

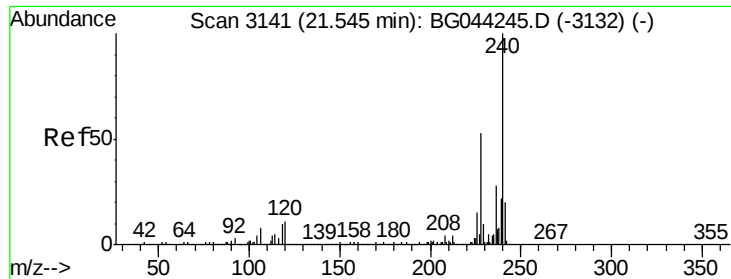


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

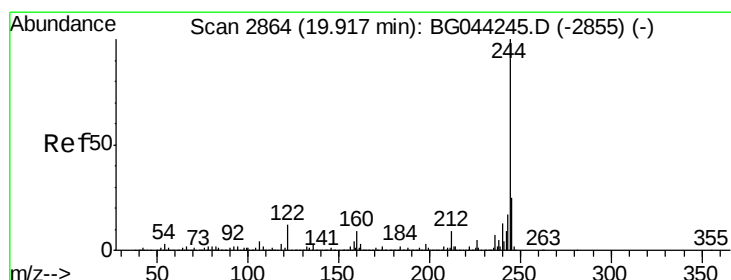
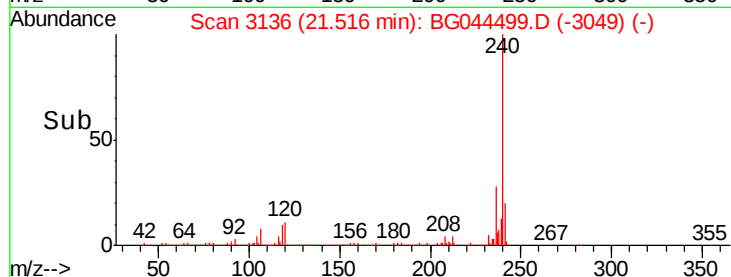
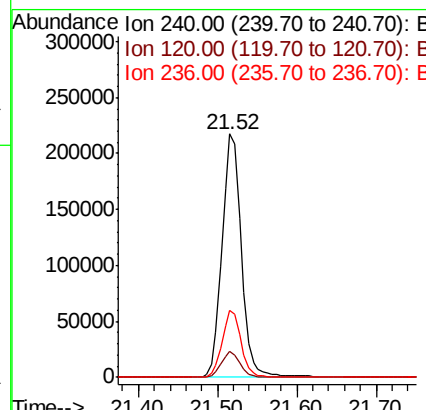
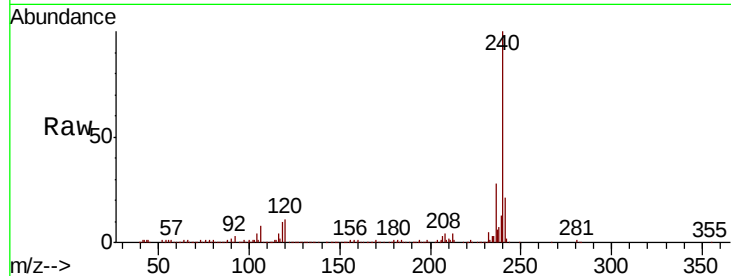




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044499.D
 Acq: 19 Feb 2020 21:23

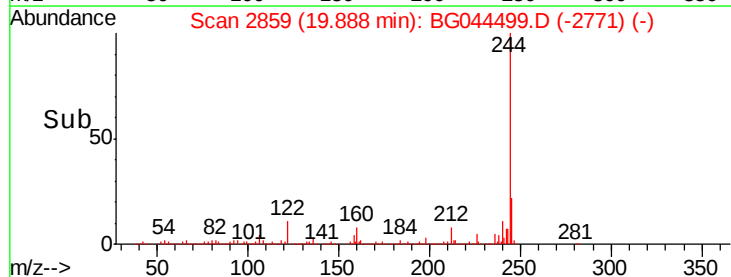
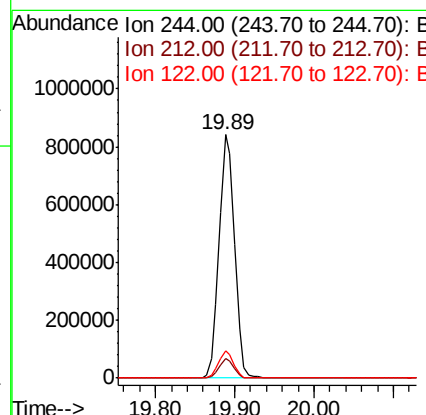
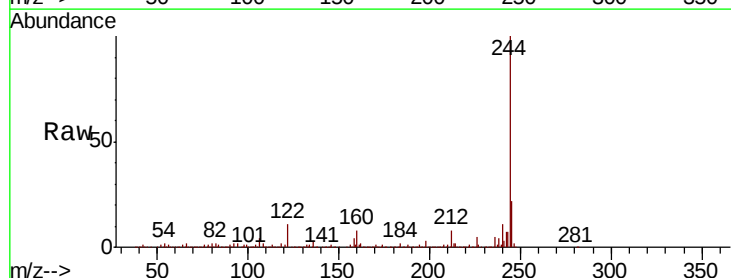
Instrument :
 BNA_G
 ClientSampled :

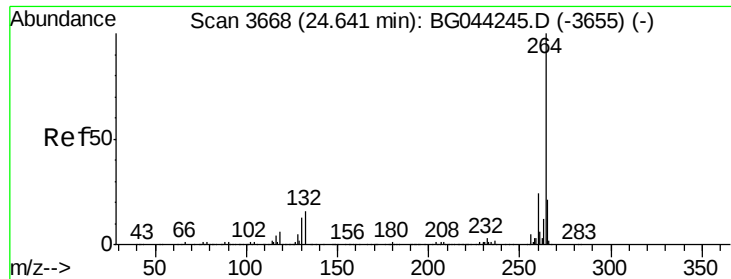
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	27.6	22.1	33.1



#79
 Terphenyl-d14
 Concen: 64.018 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG044499.D
 Acq: 19 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.4	11.2
122	11.1	9.8	14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.59 min Scan# 3660
 Delta R.T. -0.03 min
 Lab File: BG044499.D
 Acq: 19 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.5	16.7	25.1

