

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044531.D
 Acq On : 20 Feb 2020 21:52
 Operator : CG/JU
 Sample : L1595-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:50:18 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

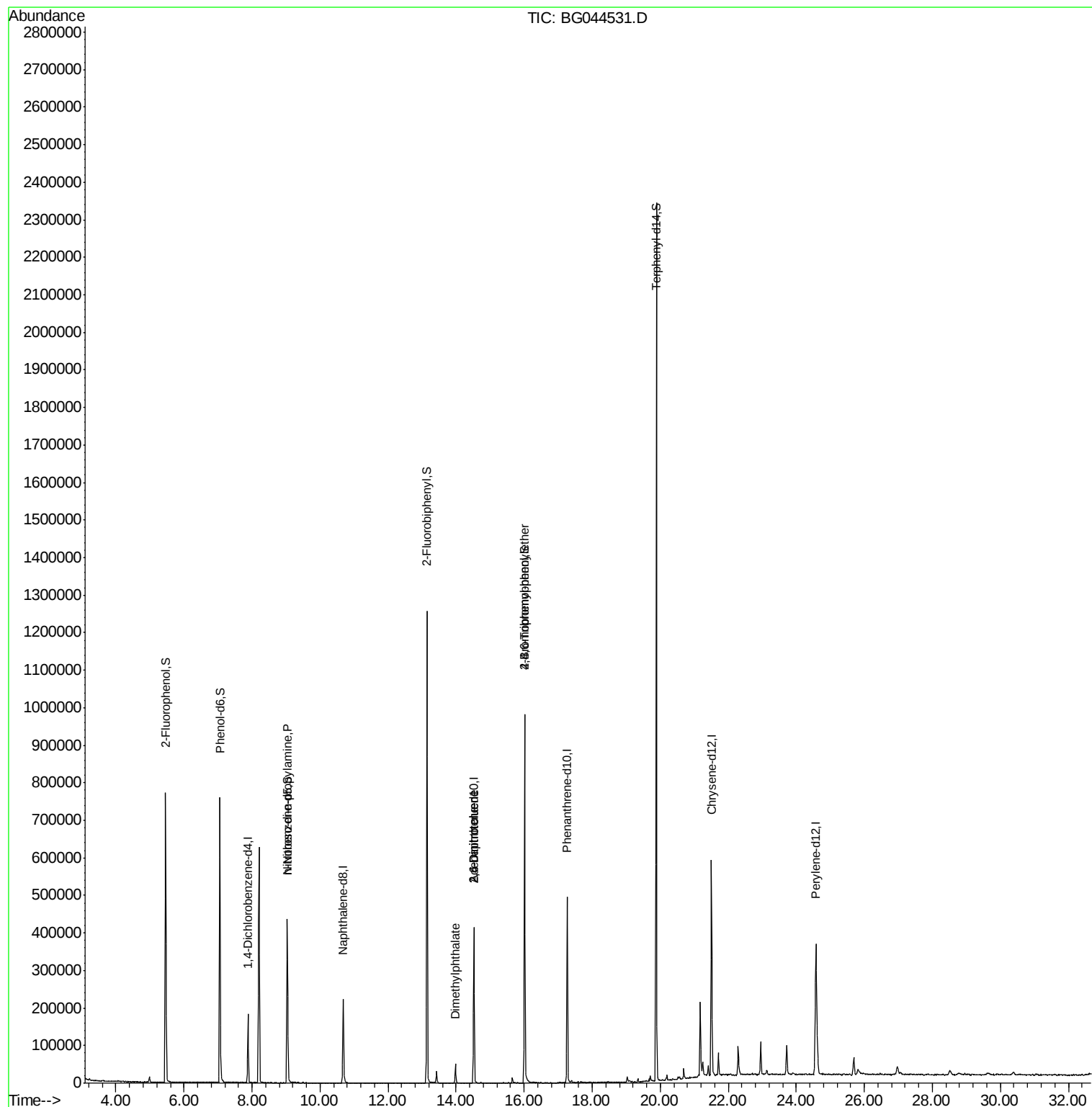
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	55367	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	226821	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	149659	20.00	ng	-0.02
64) Phenanthrene-d10	17.26	188	337792	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	347109	20.00	ng	-0.03
87) Perylene-d12	24.58	264	374726	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	392331	125.06	ng	-0.02
7) Phenol-d6	7.05	99	513302	121.84	ng	-0.02
23) Nitrobenzene-d5	9.04	82	303253	75.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	205795	117.13	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	724449	81.06	ng	-0.02
79) Terphenyl-d14	19.88	244	1182725	70.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	38314	13.646	ng	# 72
50) Dimethylphthalate	13.98	163	46295	4.303	ng	# 96
51) 2,6-Dinitrotoluene	14.52	165	19531	8.142	ng	# 29
57) 2,4-Dinitrotoluene	14.52	165	19531	5.810	ng	# 27
67) 4-Bromophenyl-phenylether	16.01	248	13856	3.765	ng	# 1

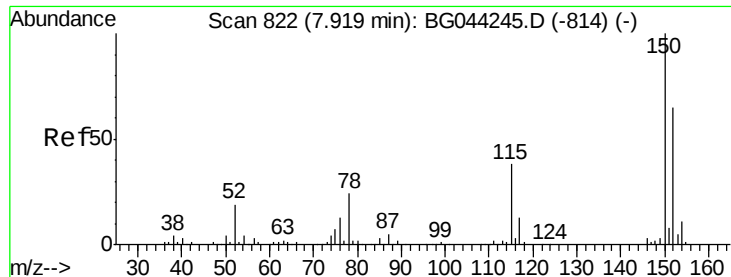
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
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Quant Time: Feb 21 06:50:18 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



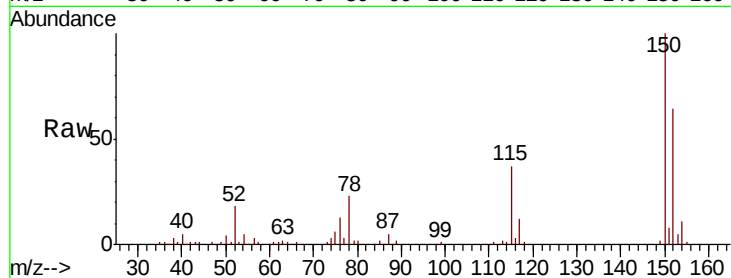


#1

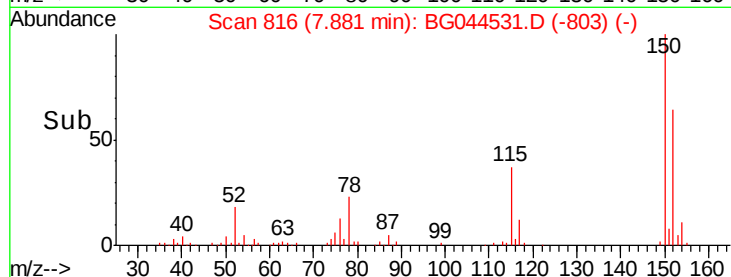
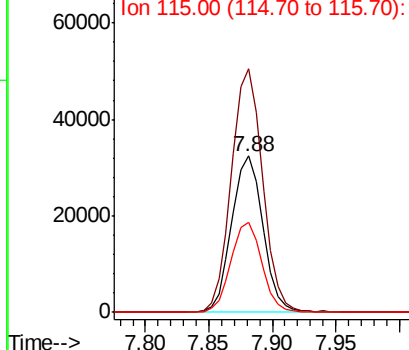
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG044531.D
 Acq: 20 Feb 2020 21:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 55367
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.6 183.8
 115 58.0 46.0 69.0



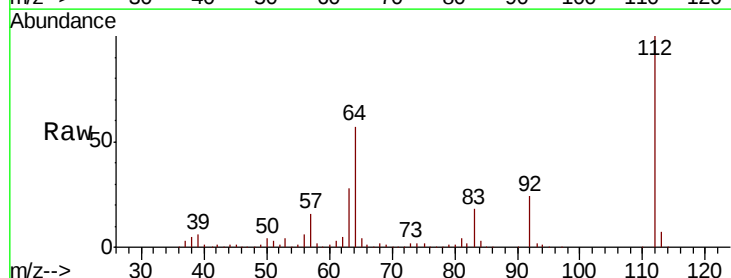
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



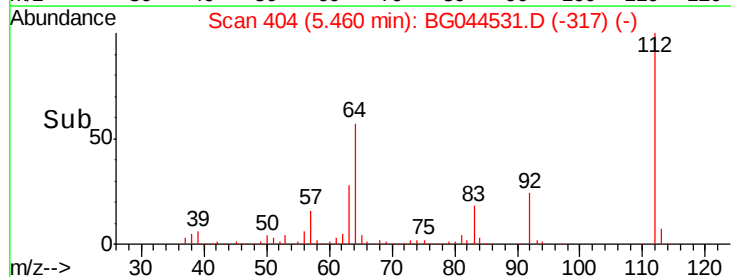
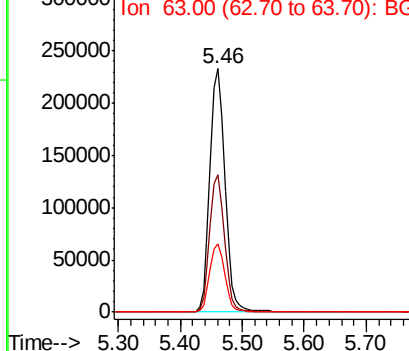
#5

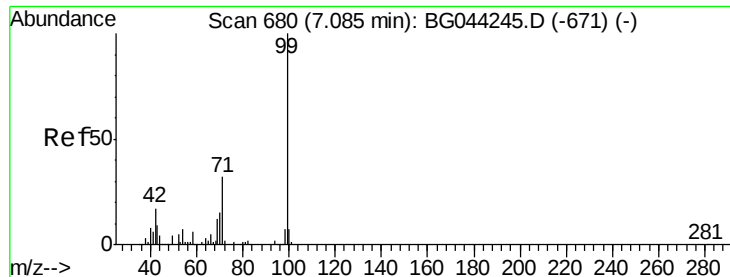
2-Fluorophenol
 Concen: 125.057 ng
 RT: 5.46 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BG044531.D
 Acq: 20 Feb 2020 21:52

Tgt Ion:112 Resp: 392331
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.4 68.2
 63 28.2 22.9 34.3



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: 121.843 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044531.D

Acq: 20 Feb 2020 21:52

Instrument :

BNA_G

ClientSampleId :

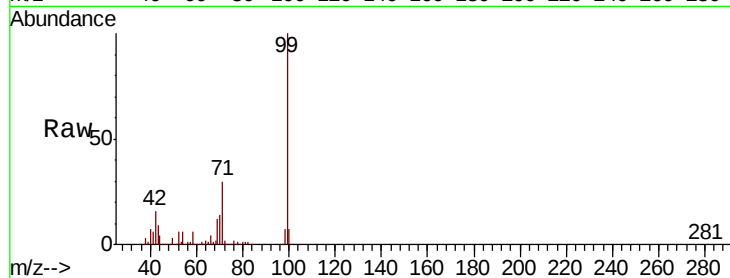
Tot Ion: 99 Resp: 513302

Ion Ratio Lower Upper

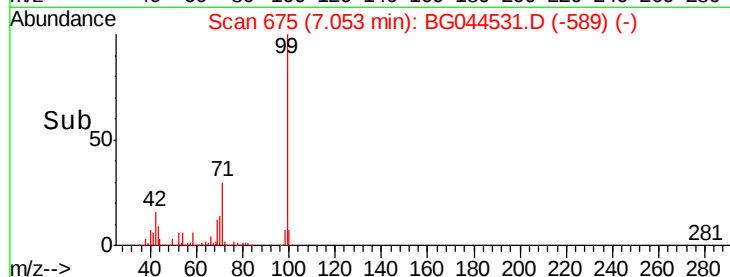
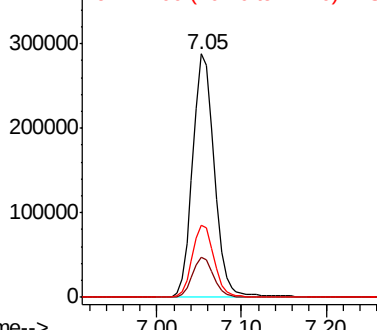
99 100

42 16.4 13.8 20.6

71 29.5 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: 13.646 ng

RT: 9.03 min Scan# 1012

Delta R.T. 0.32 min

Lab File: BG044531.D

Acq: 20 Feb 2020 21:52

Tgt Ion: 70 Resp: 38314

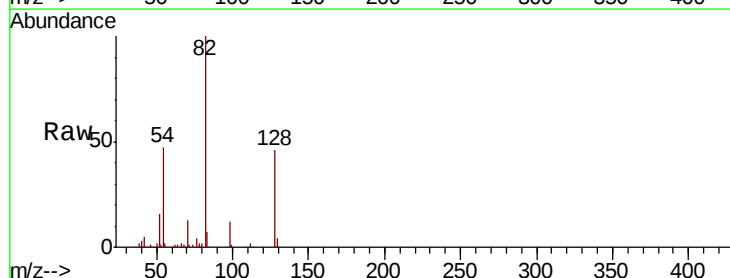
Ion Ratio Lower Upper

70 100

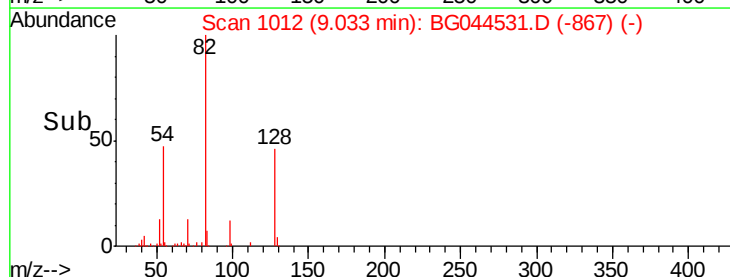
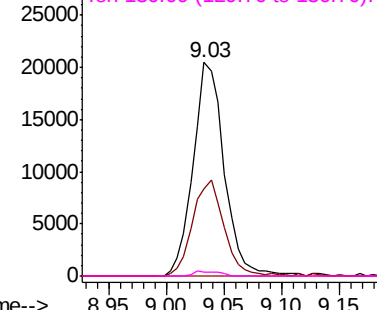
42 40.7 46.2 69.2#

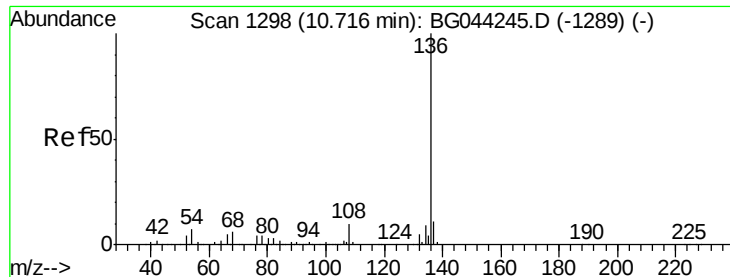
101 0.0 8.4 12.6#

130 2.0 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: 10.68 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BG044531.D

Acq: 20 Feb 2020 21:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 226821

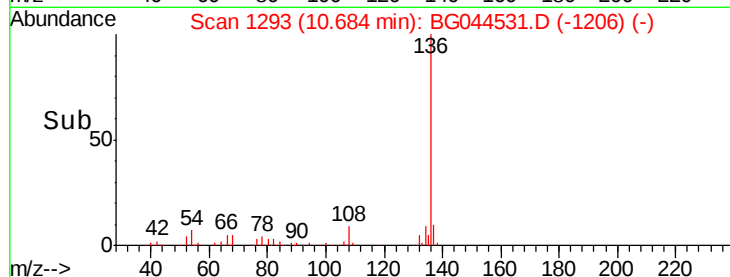
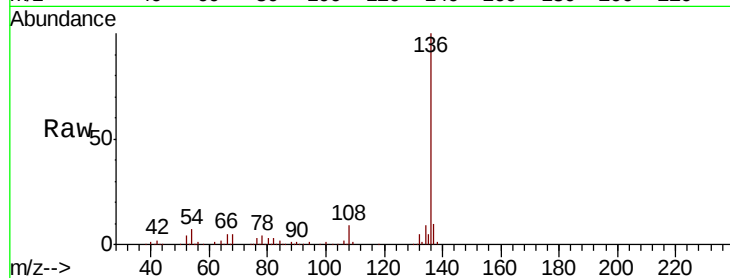
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 6.9 5.8 8.8

68 5.4 4.6 6.8

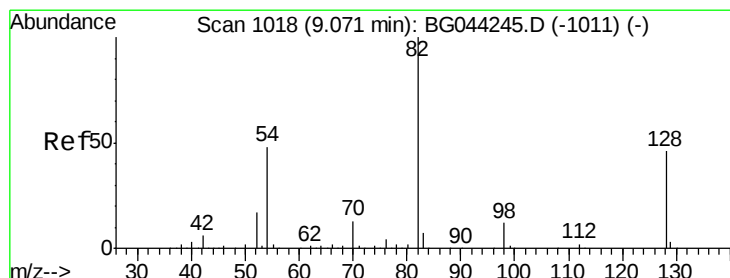
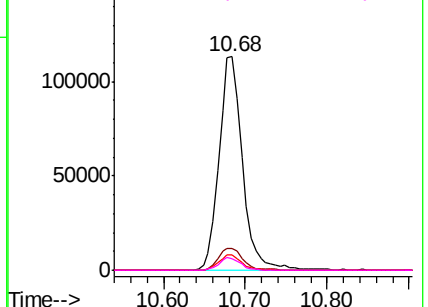


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 75.480 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BG044531.D

Acq: 20 Feb 2020 21:52

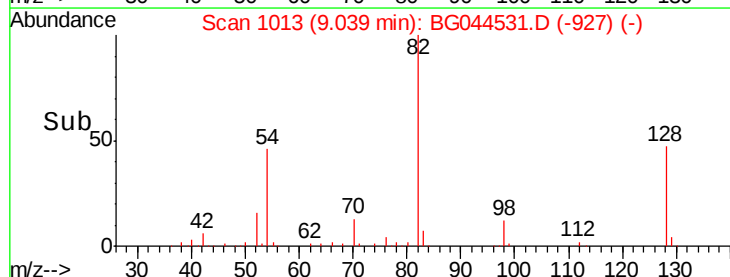
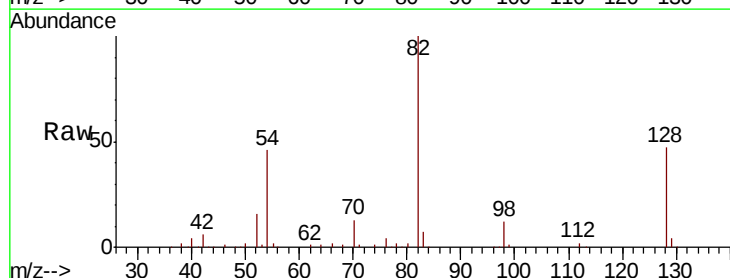
Tgt Ion: 82 Resp: 303253

Ion Ratio Lower Upper

82 100

128 46.8 36.5 54.7

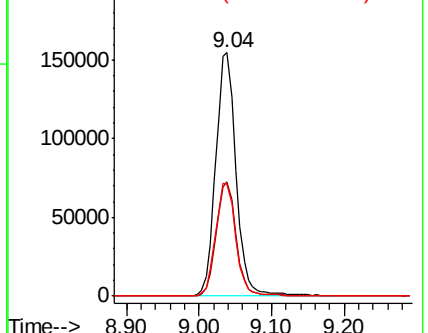
54 46.0 38.6 58.0

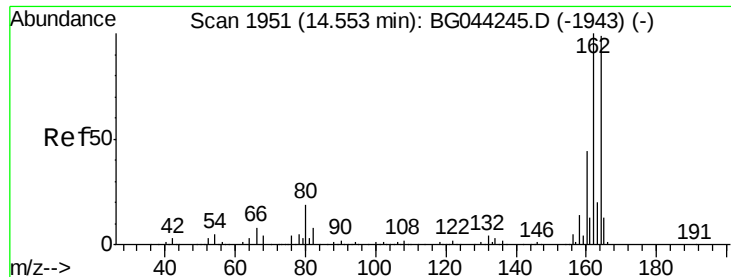


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG044531.D

Acq: 20 Feb 2020 21:52

Instrument :

BNA_G

ClientSampleId :

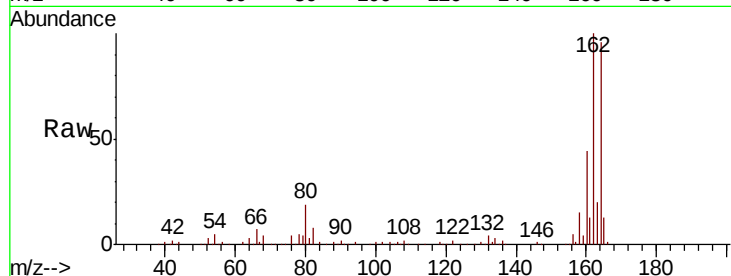
Tot Ion:164 Resp: 149659

Ion Ratio Lower Upper

164 100

162 104.1 80.7 121.1

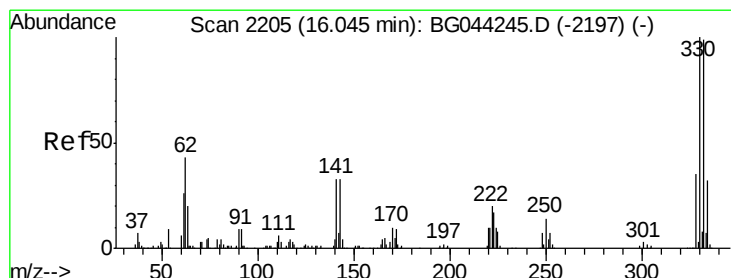
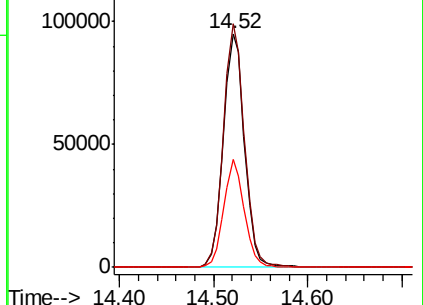
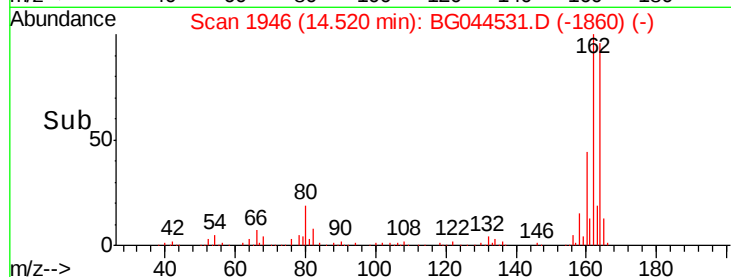
160 46.1 35.3 52.9



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: 117.135 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG044531.D

Acq: 20 Feb 2020 21:52

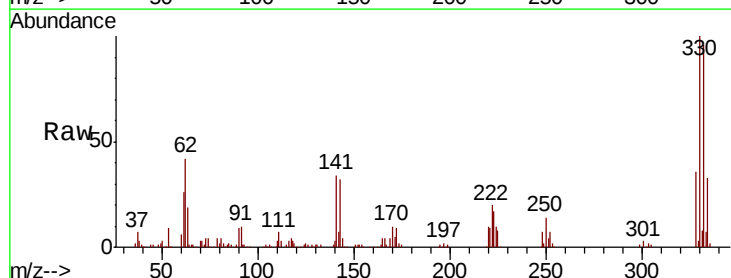
Tgt Ion:330 Resp: 205795

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

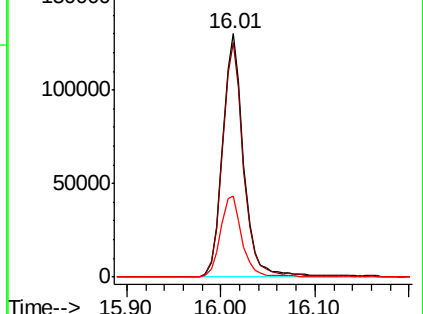
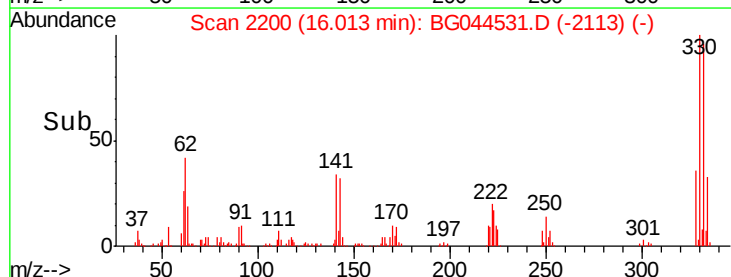
141 34.4 28.3 42.5



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

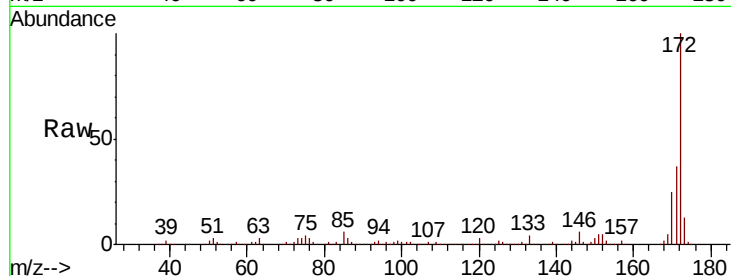




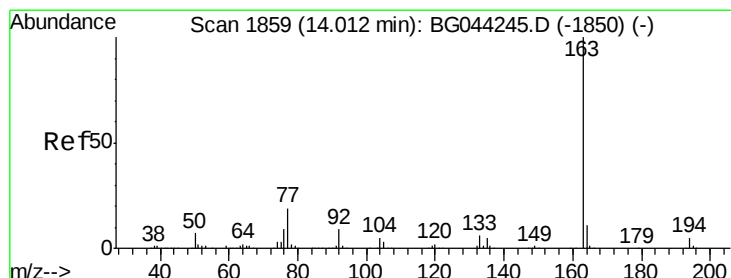
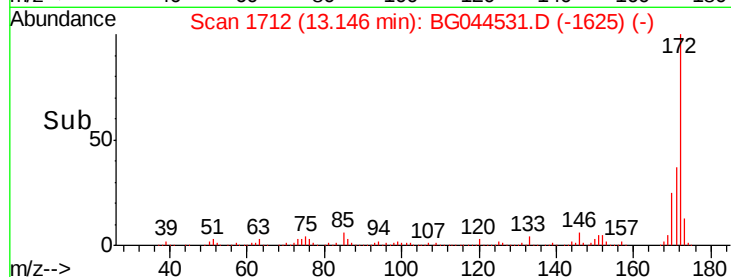
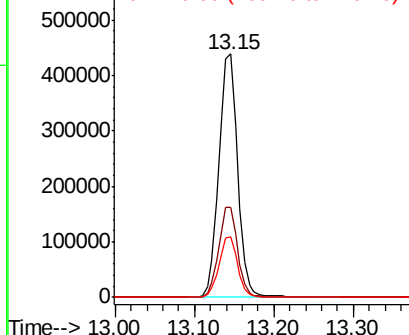
#45
2-Fluorobiphenyl
Concen: 81.060 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG044531.D
Acq: 20 Feb 2020 21:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 724449
Ion Ratio Lower Upper
172 100
171 37.0 32.9 49.3
170 24.8 22.0 33.0

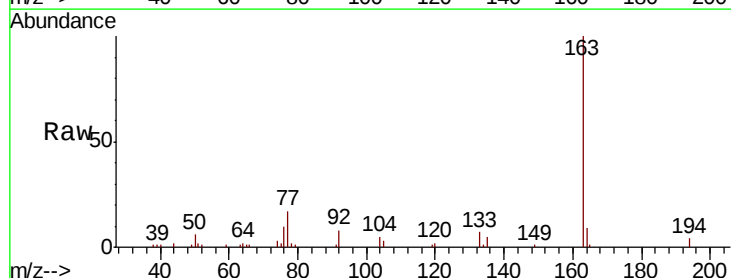


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

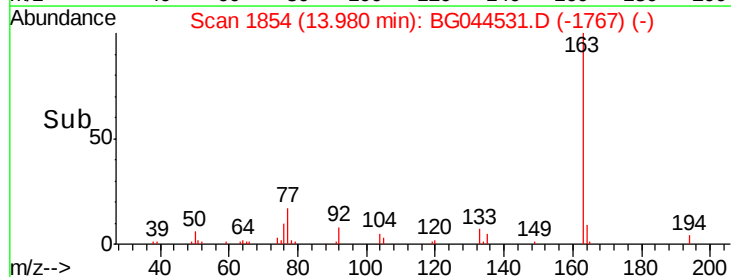
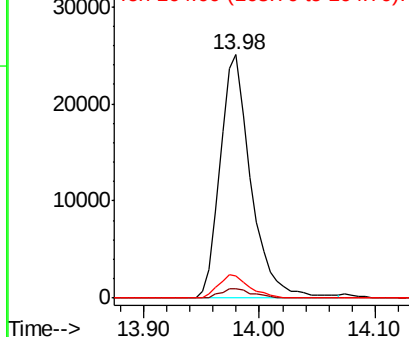


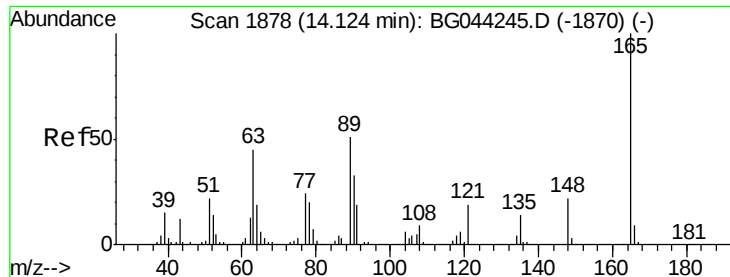
#50
Dimethylphthalate
Concen: 4.303 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BG044531.D
Acq: 20 Feb 2020 21:52

Tgt Ion:163 Resp: 46295
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 9.1 8.7 13.1



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

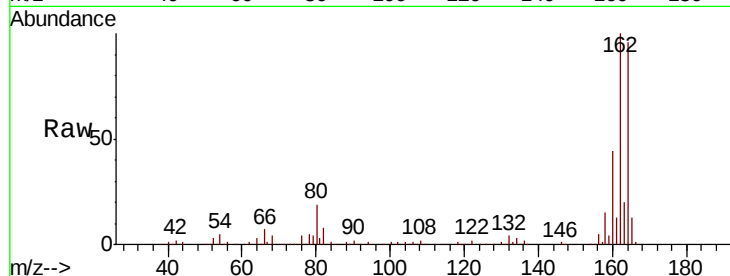




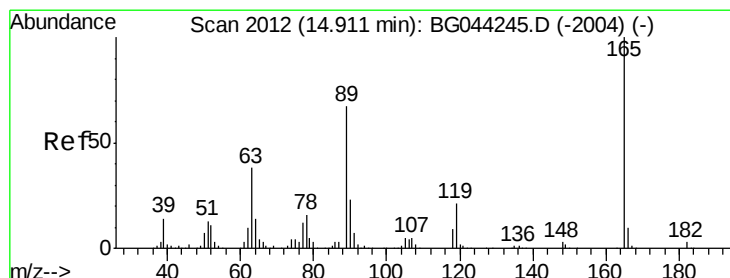
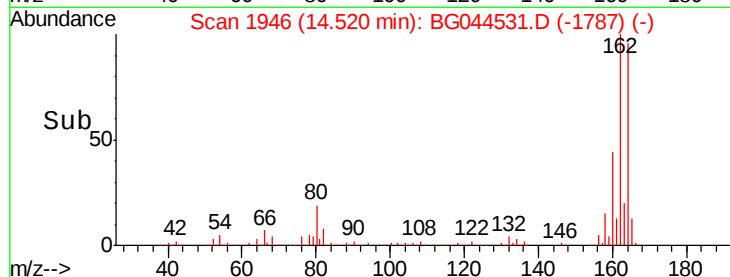
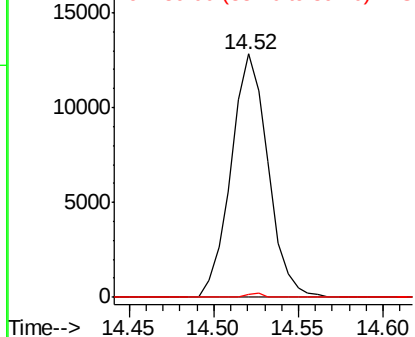
#51
 2,6-Dinitrotoluene
 Concen: 8.142 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG044531.D
 Acq: 20 Feb 2020 21:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.3	40.4	60.6#



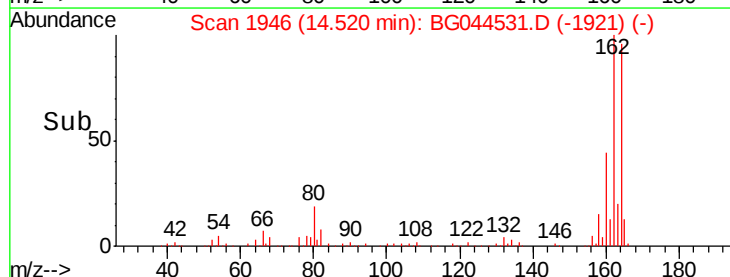
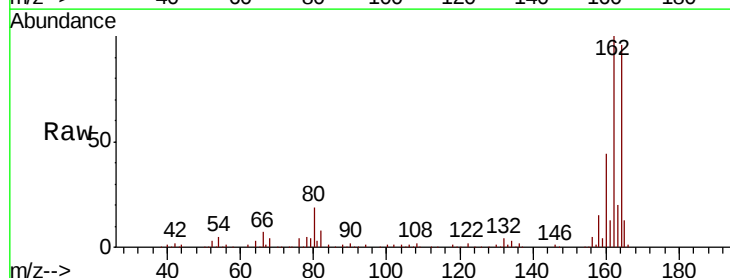
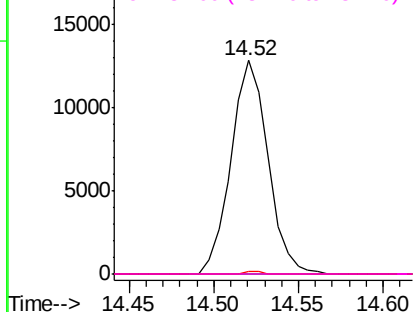
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

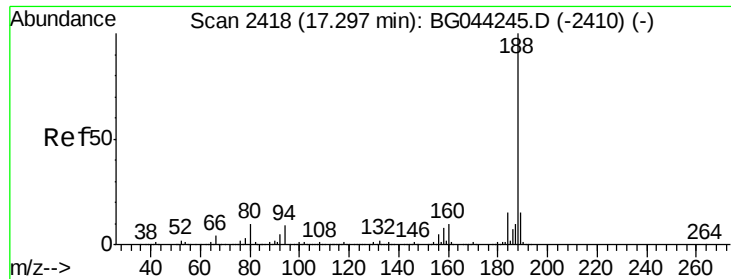


#57
 2,4-Dinitrotoluene
 Concen: 5.810 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG044531.D
 Acq: 20 Feb 2020 21:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.3	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

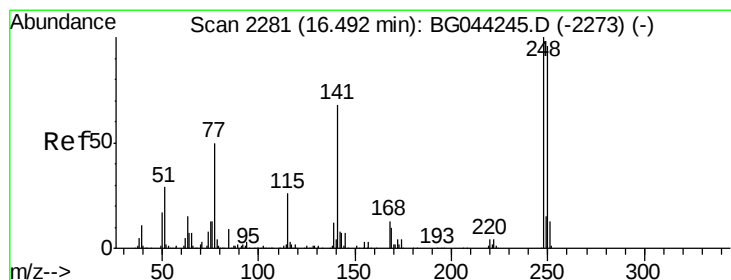
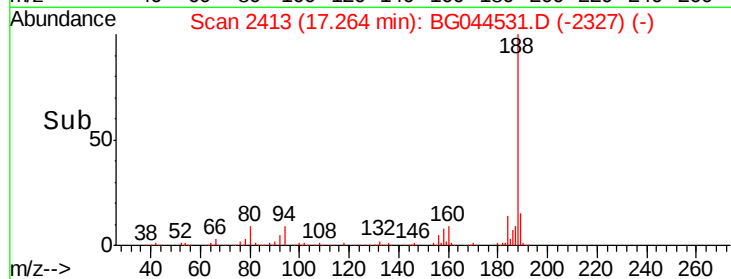
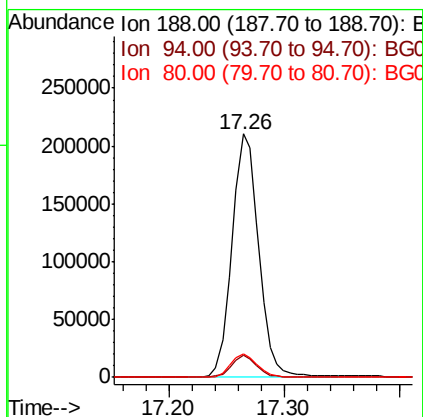
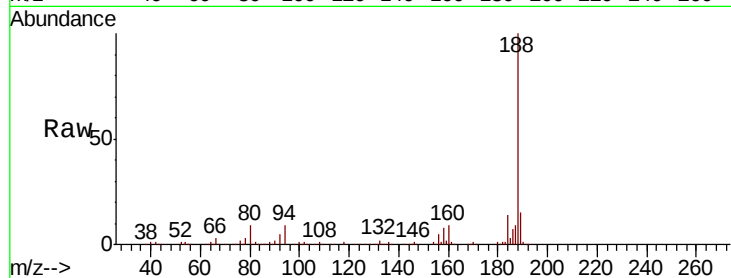




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG044531.D
 Acq: 20 Feb 2020 21:52

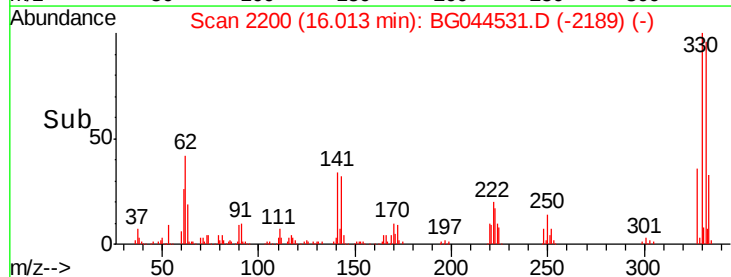
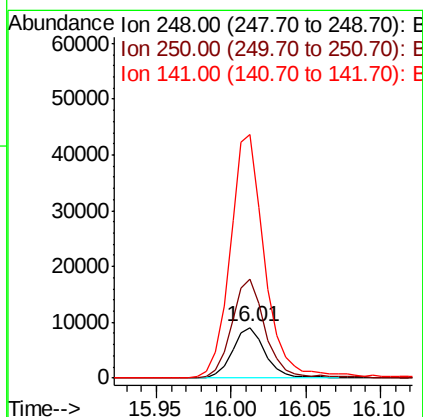
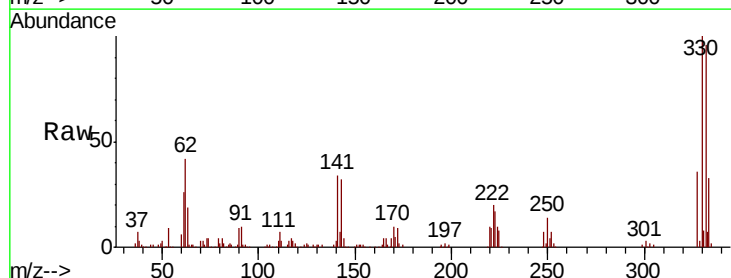
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 337792
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.4 11.2
 80 9.4 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.765 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG044531.D
 Acq: 20 Feb 2020 21:52

Tgt Ion:248 Resp: 13856
 Ion Ratio Lower Upper
 248 100
 250 195.4 76.6 114.8#
 141 481.7 54.7 82.1#

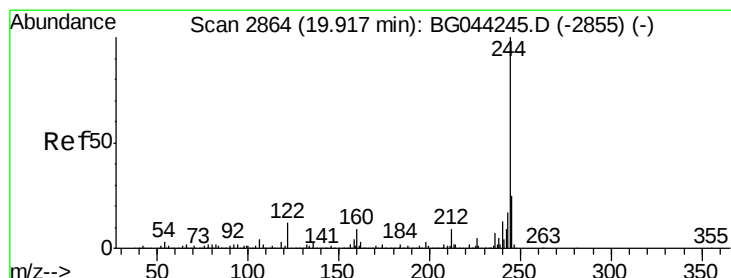
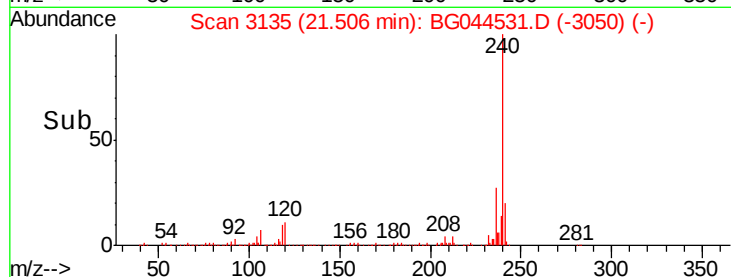
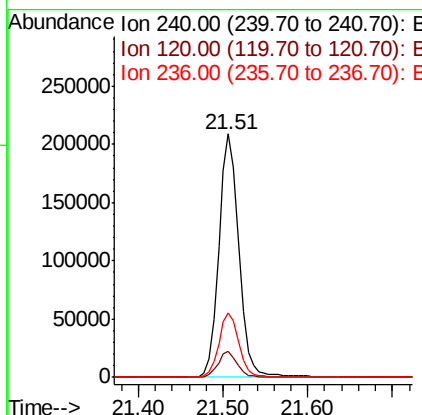
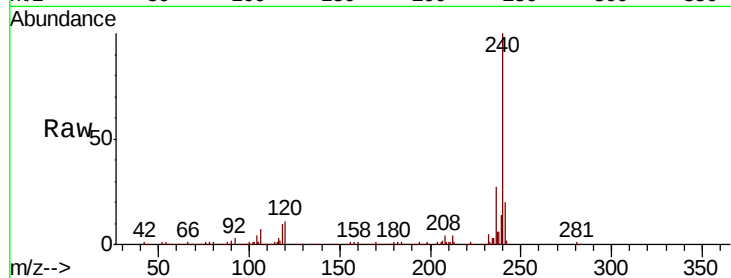




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.03 min
 Lab File: BG044531.D
 Acq: 20 Feb 2020 21:52

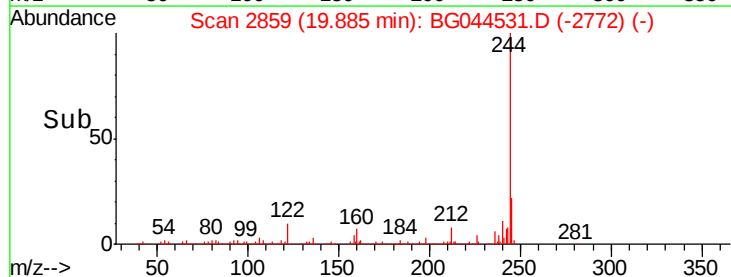
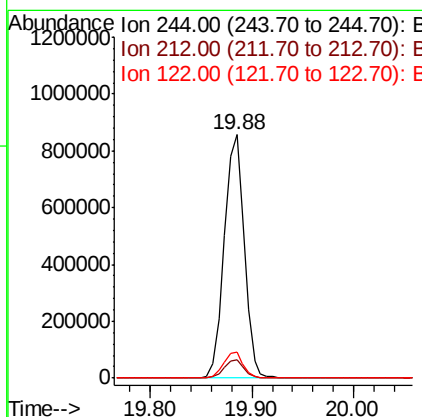
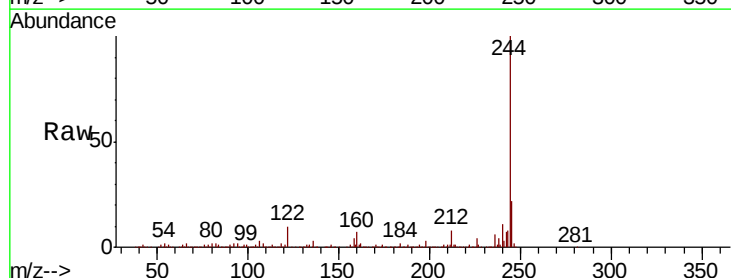
Instrument :
 BNA_G
 ClientSampled :

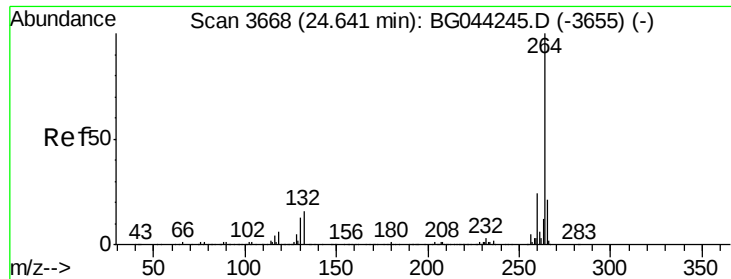
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.6	22.1	33.1



#79
 Terphenyl-d14
 Concen: 70.085 ng
 RT: 19.88 min Scan# 2859
 Delta R.T. -0.02 min
 Lab File: BG044531.D
 Acq: 20 Feb 2020 21:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.2
122	10.5	9.8	14.6

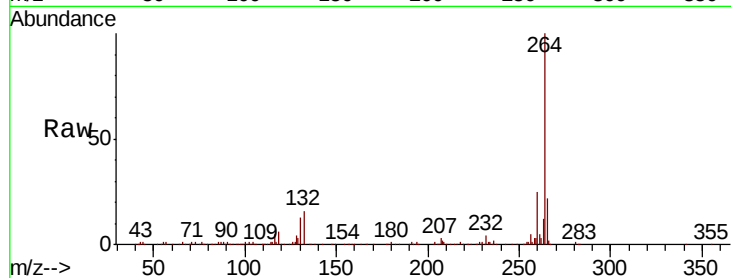




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. -0.04 min
Lab File: BG044531.D
Acq: 20 Feb 2020 21:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.6	16.7	25.1



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

