

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044538.D
 Acq On : 21 Feb 2020 2:27
 Operator : CG/JU
 Sample : PB126886BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:52:22 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

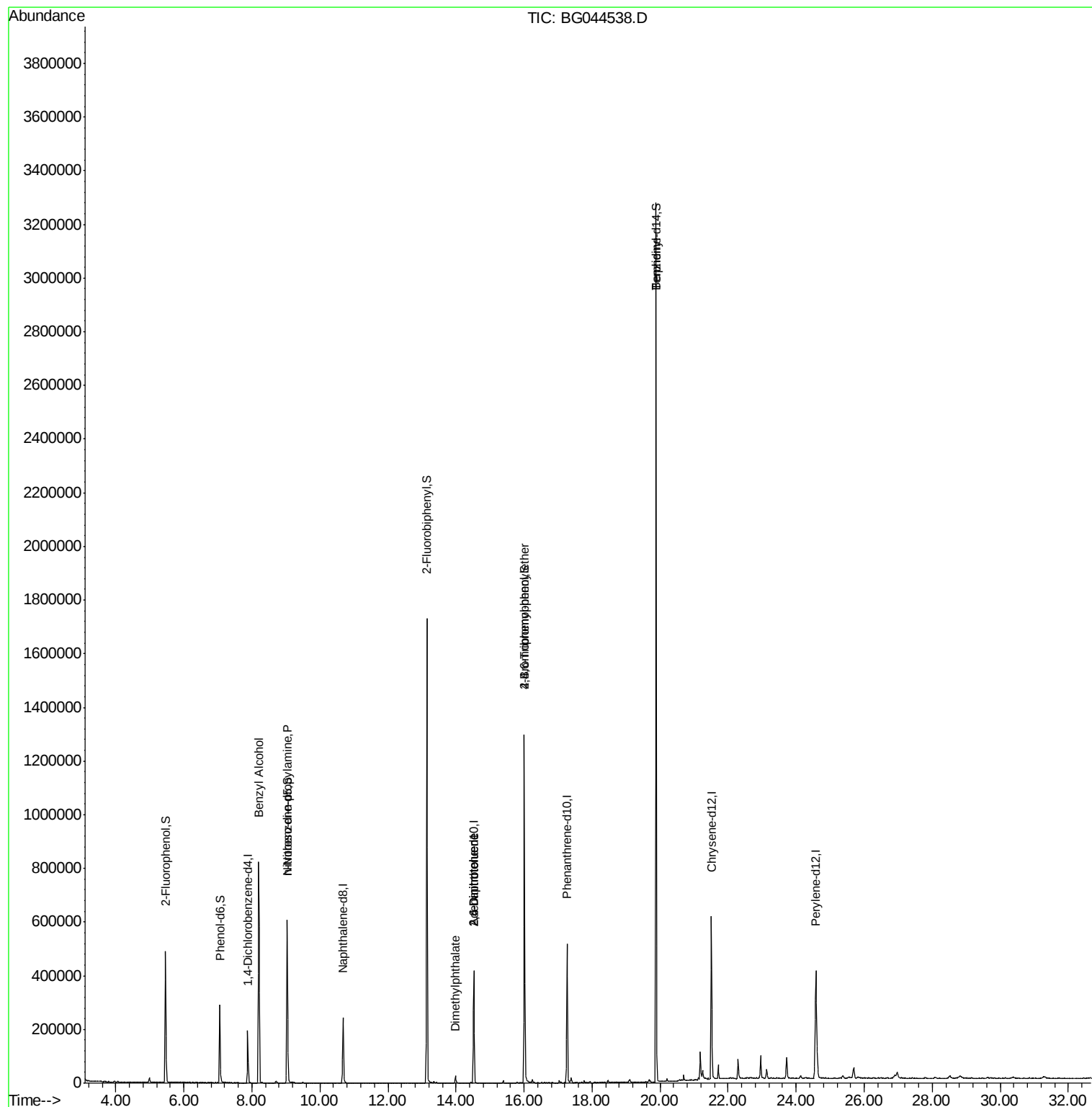
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	60273	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	242723	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	158812	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	354592	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	376022	20.00	ng	-0.03
87) Perylene-d12	24.58	264	399984	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	250484	73.34	ng	-0.02
7) Phenol-d6	7.06	99	204616	44.62	ng	-0.02
23) Nitrobenzene-d5	9.04	82	407488	94.78	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	274095	147.02	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	957637	100.98	ng	-0.02
79) Terphenyl-d14	19.88	244	1612443	88.20	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.20	79	6589	2.029	ng	# 42
19) n-Nitroso-di-n-propylamine	9.04	70	51835	16.959	ng	# 78
50) Dimethylphthalate	13.98	163	26507	2.322	ng	# 97
51) 2,6-Dinitrotoluene	14.52	165	20769	8.160	ng	# 29
57) 2,4-Dinitrotoluene	14.52	165	20769	5.822	ng	# 27
67) 4-Bromophenyl-phenylether	16.01	248	18703	4.841	ng	# 1
77) Benzidine	19.88	184	24849	2.382	ng	# 90

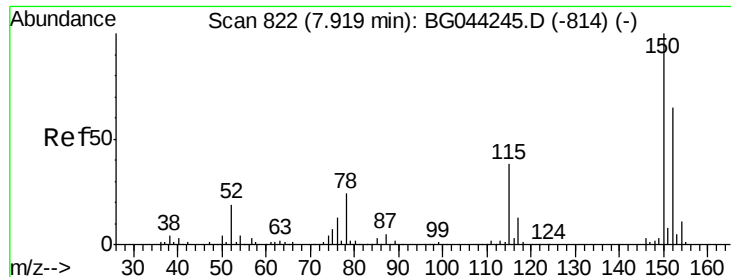
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
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BNA_G
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Quant Time: Feb 21 06:52:22 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.03 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampleId :

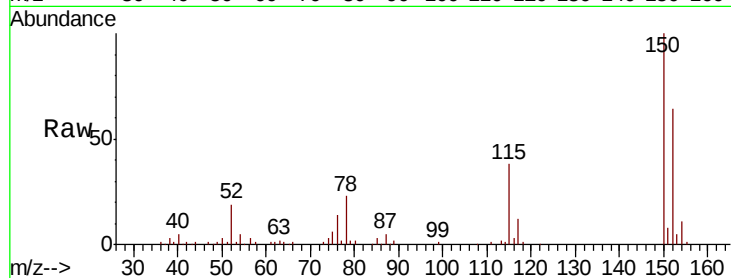
Tot Ion:152 Resp: 60273

Ion Ratio Lower Upper

152 100

150 156.6 122.6 183.8

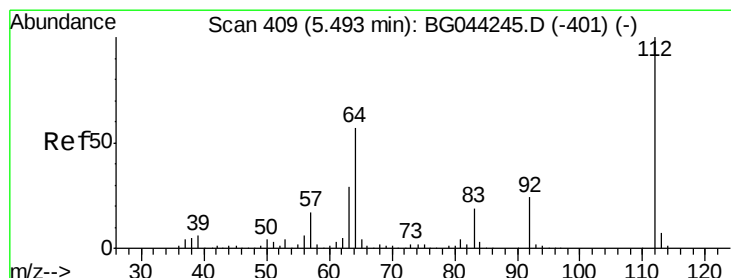
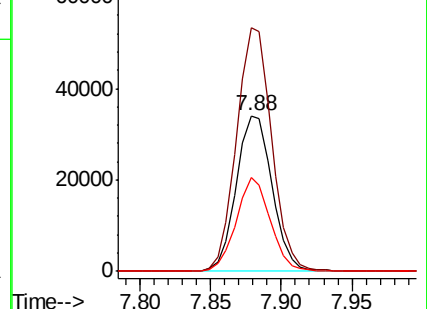
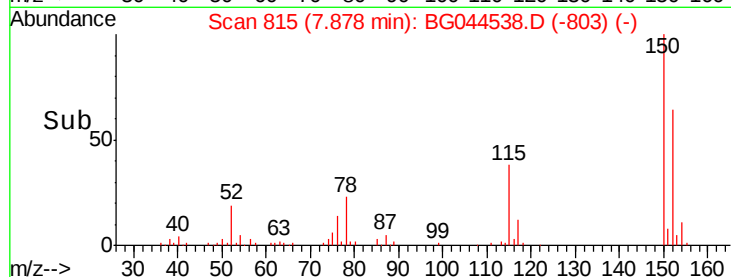
115 60.2 46.0 69.0



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: 73.344 ng

RT: 5.46 min Scan# 403

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

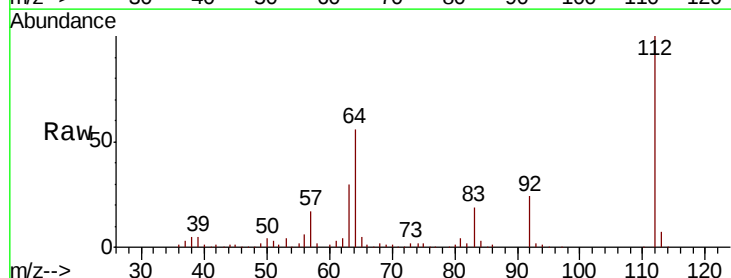
Tgt Ion:112 Resp: 250484

Ion Ratio Lower Upper

112 100

64 55.7 45.4 68.2

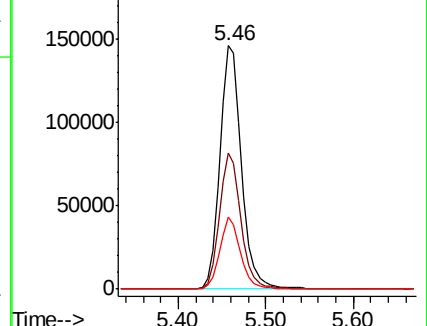
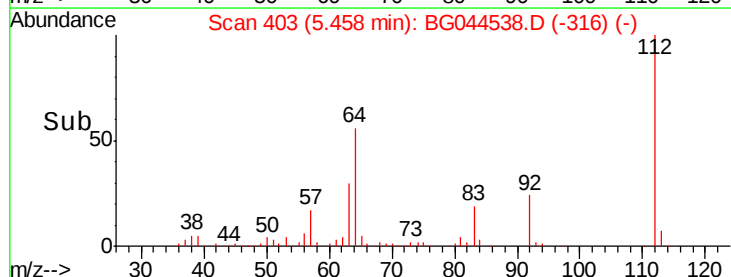
63 29.5 22.9 34.3

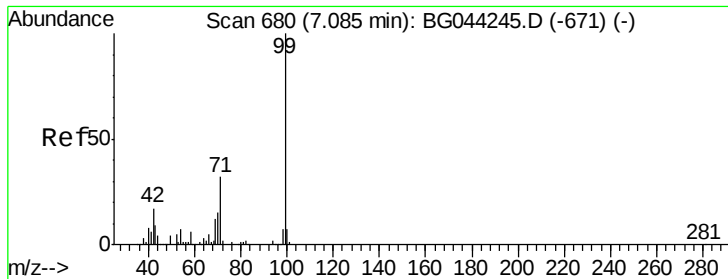


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 44.616 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampleId :

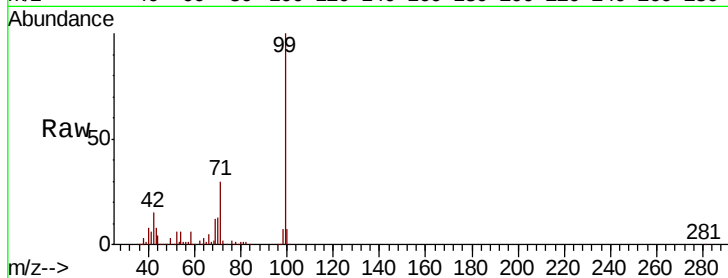
Tot Ion: 99 Resp: 204616

Ion Ratio Lower Upper

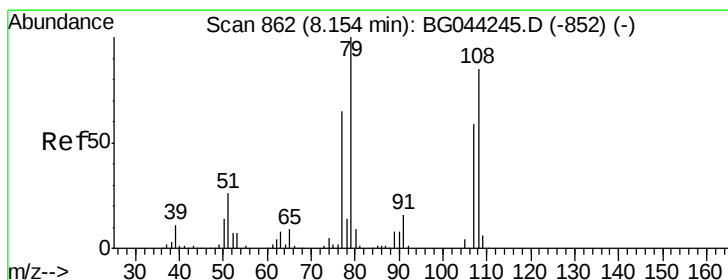
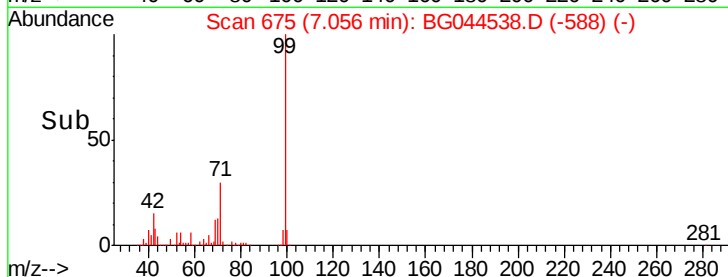
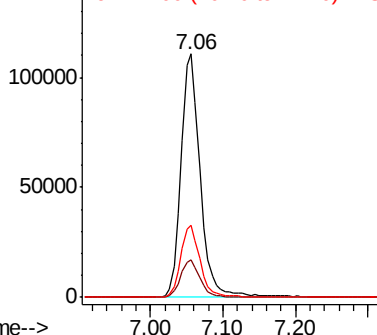
99 100

42 15.5 13.8 20.6

71 29.6 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



#15

Benzyl Alcohol

Concen: 2.029 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.06 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

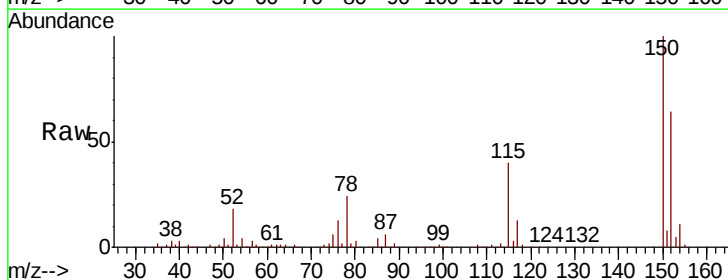
Tgt Ion: 79 Resp: 6589

Ion Ratio Lower Upper

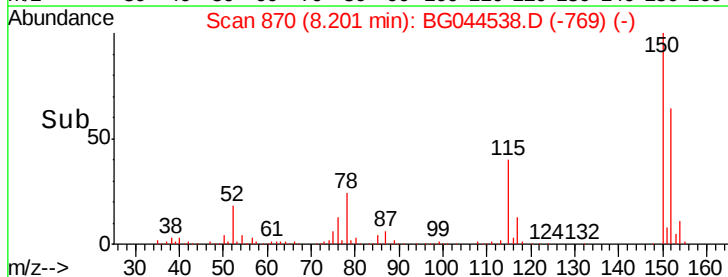
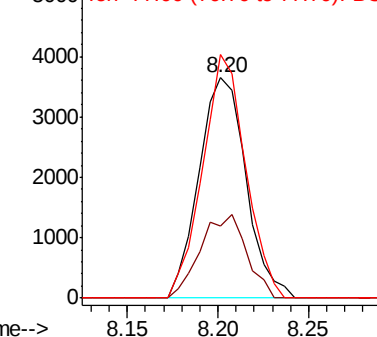
79 100

108 32.8 68.3 102.5#

77 110.5 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

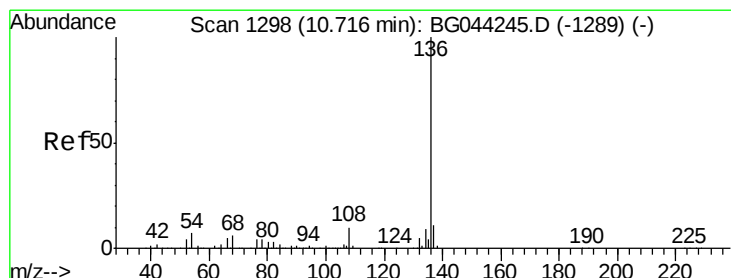
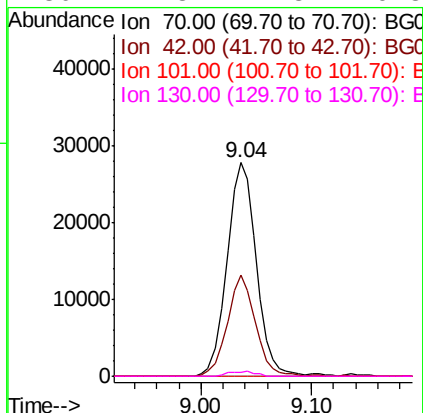
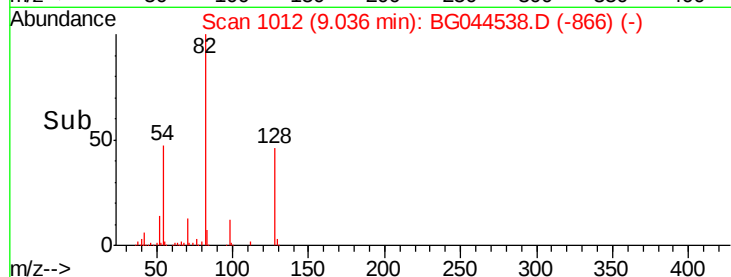
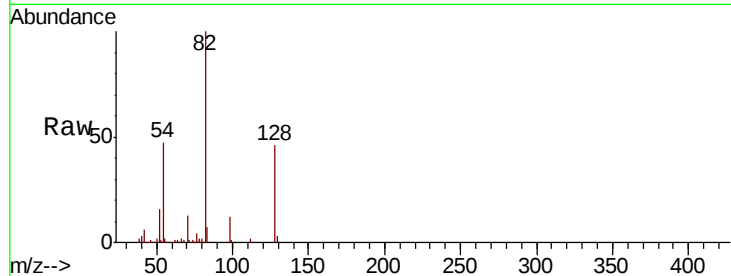




#19
n-Nitroso-di-n-propylamine
Concen: 16.959 ng
RT: 9.04 min Scan# 1012
Delta R.T. 0.33 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

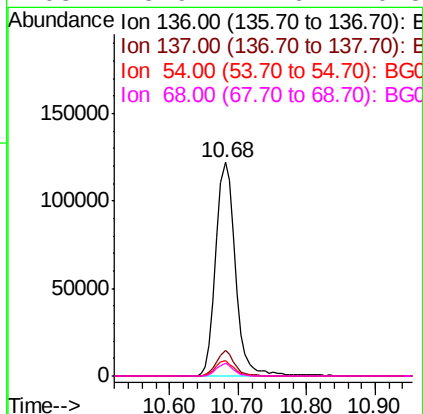
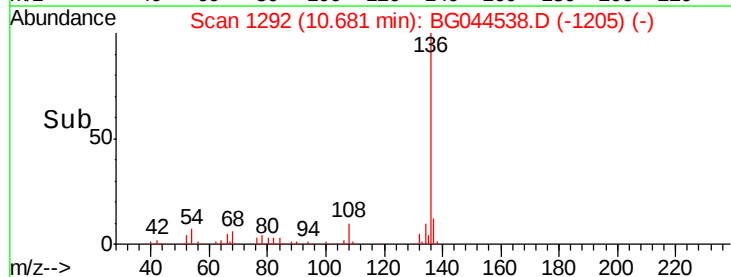
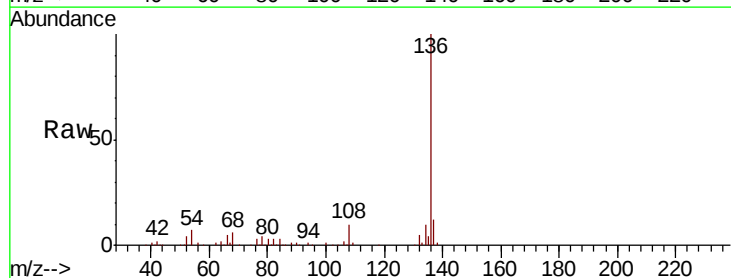
Instrument :
BNA_G
ClientSampleId :

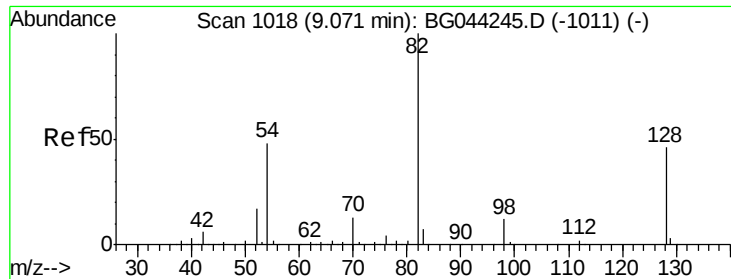
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	46.2	69.2
101	0.0	8.4	12.6#
130	1.8	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.3	5.8	8.8
68	5.9	4.6	6.8

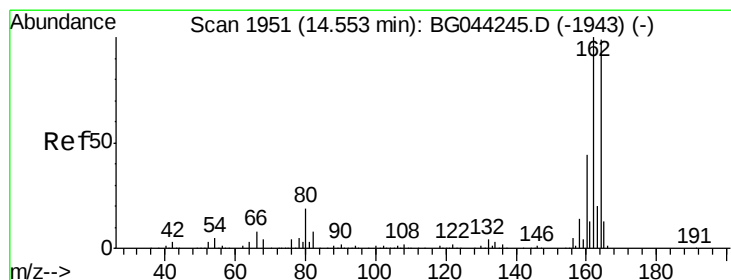
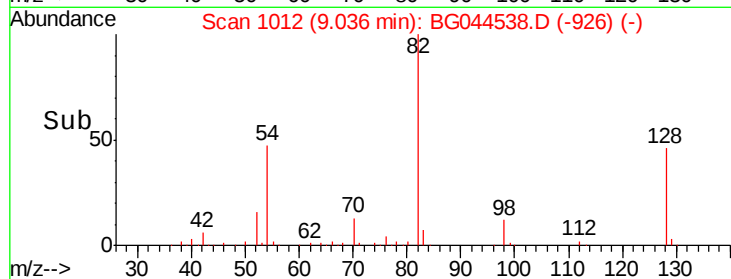
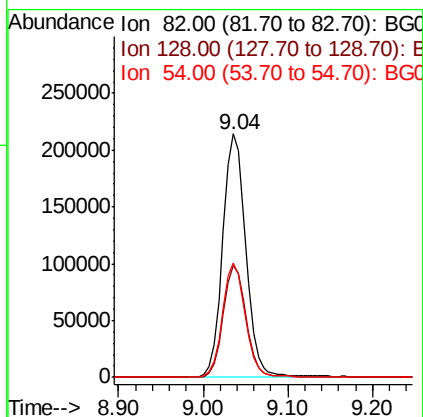
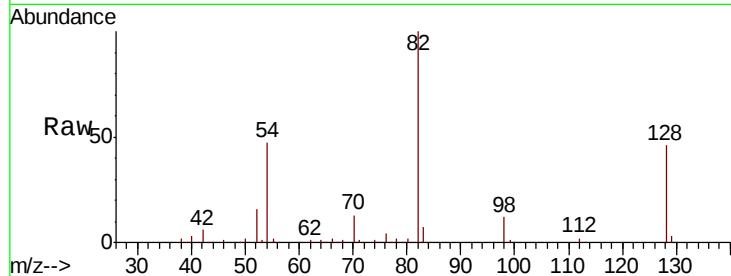




#23
 Nitrobenzene-d5
 Concen: 94.780 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

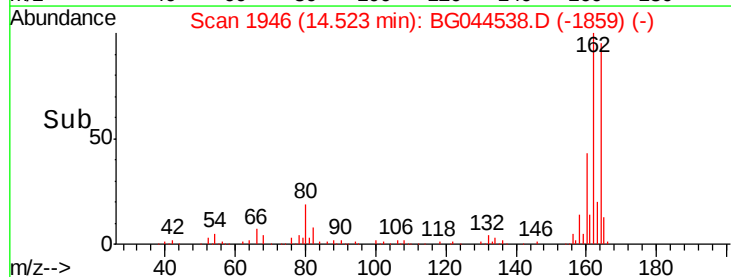
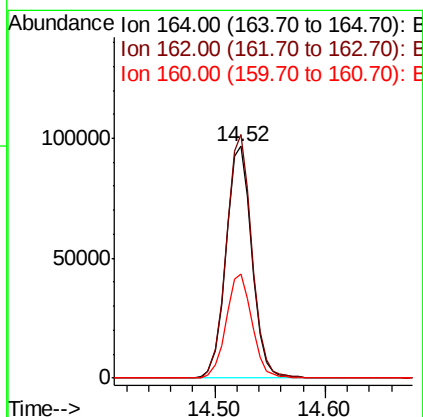
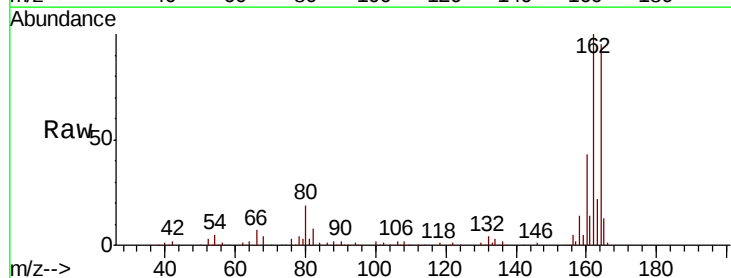
Instrument :
 BNA_G
 ClientSampled :

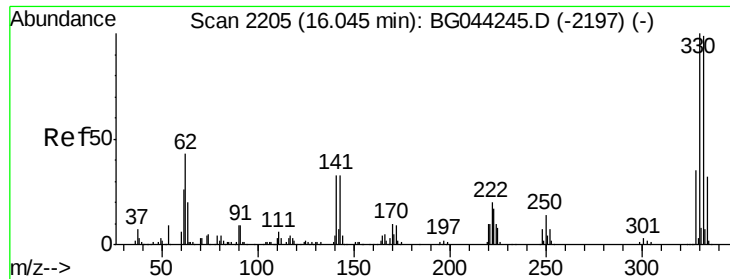
Tot Ion	82	Resp	407488
Ion Ratio	100	Lower	Upper
128	46.1	36.5	54.7
54	47.0	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

Tgt Ion	164	Resp	158812
Ion Ratio	100	Lower	Upper
162	104.9	80.7	121.1
160	44.9	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 147.018 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampled :

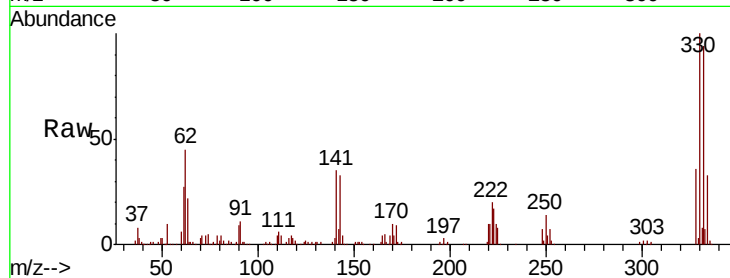
Tot Ion:330 Resp: 274095

Ion Ratio Lower Upper

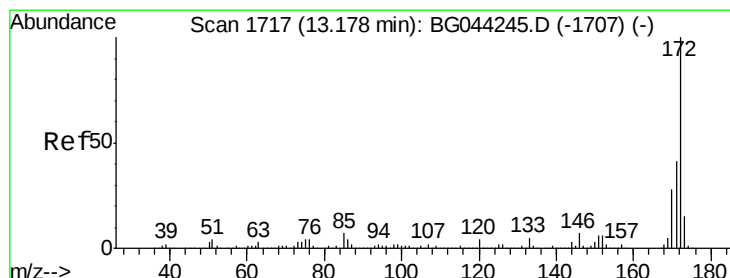
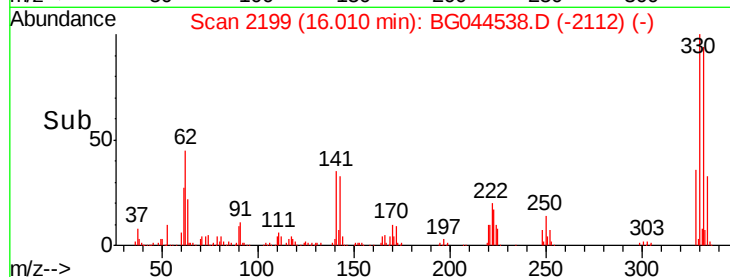
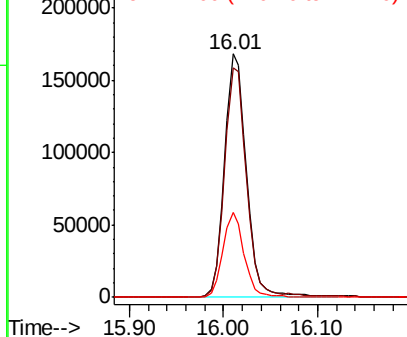
330 100

332 95.5 77.2 115.8

141 34.0 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: 100.976 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

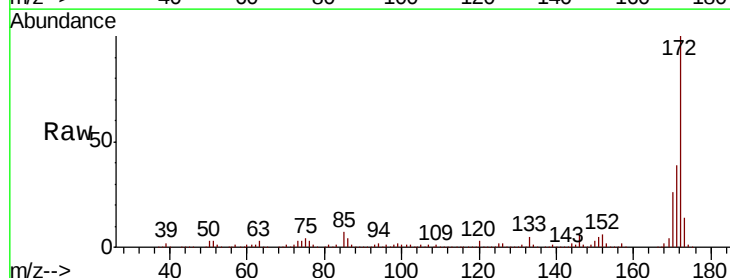
Tgt Ion:172 Resp: 957637

Ion Ratio Lower Upper

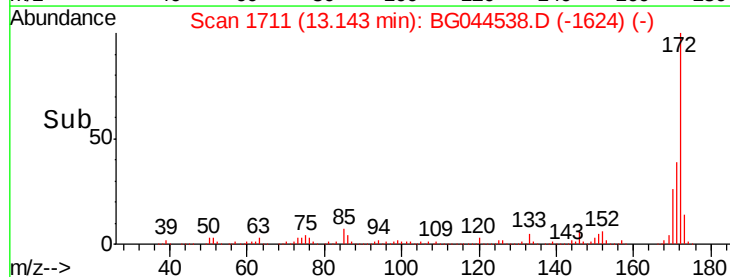
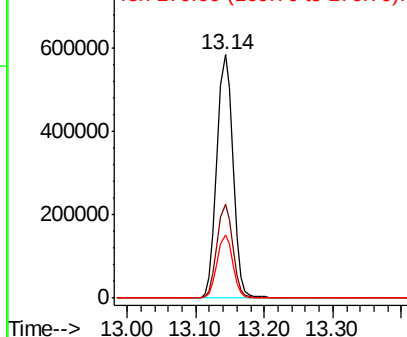
172 100

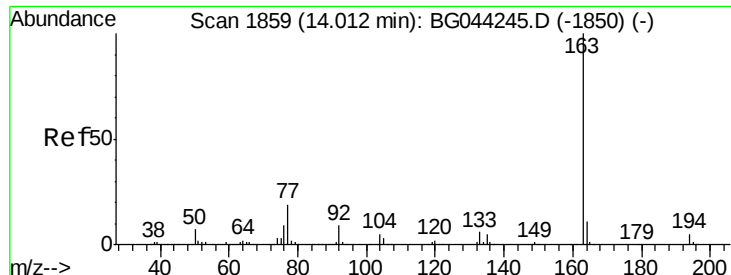
171 38.6 32.9 49.3

170 26.0 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: 2.322 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044538.D

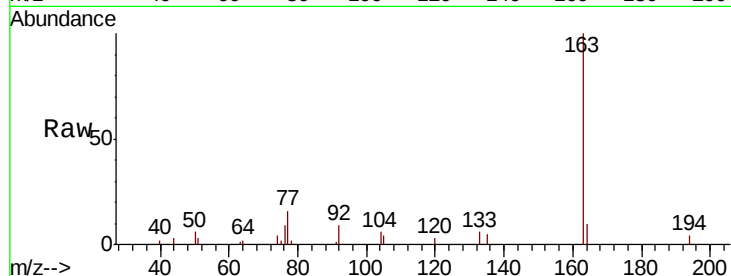
Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampleId :

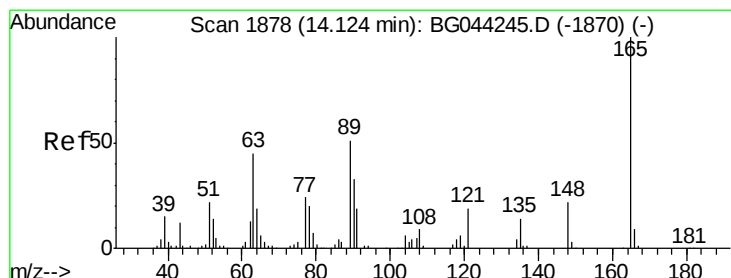
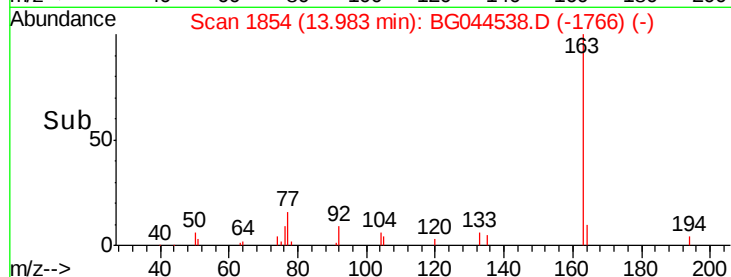
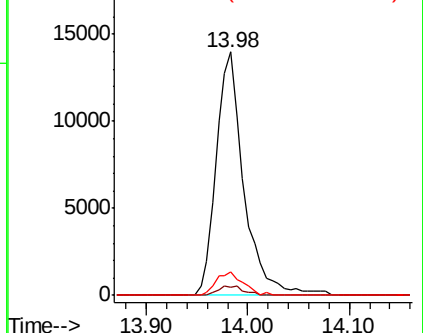
Tot Ion:163	Resp:	26507
Ion Ratio	Lower	Upper
163	100	
194	3.6	3.6 5.4#
164	9.8	8.7 13.1



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: 8.160 ng

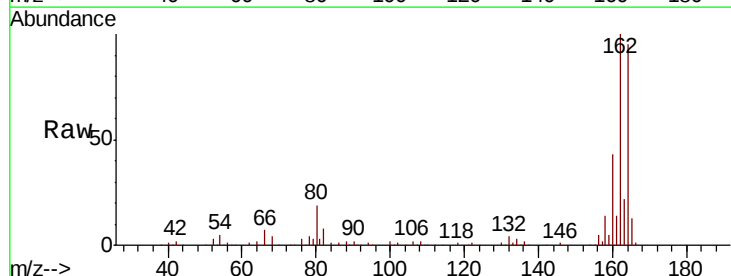
RT: 14.52 min Scan# 1946

Delta R.T. 0.41 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

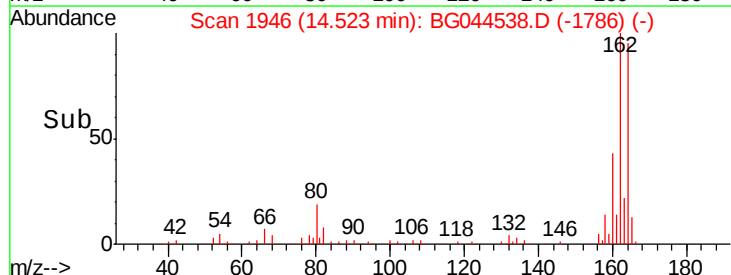
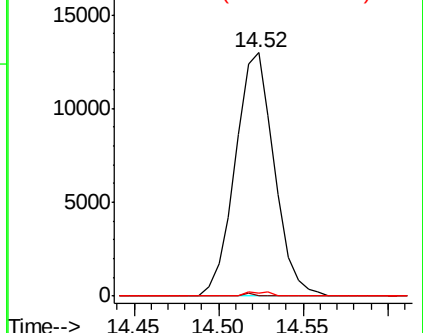
Tgt Ion:165	Resp:	20769
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.7 58.1#
89	1.2	40.4 60.6#

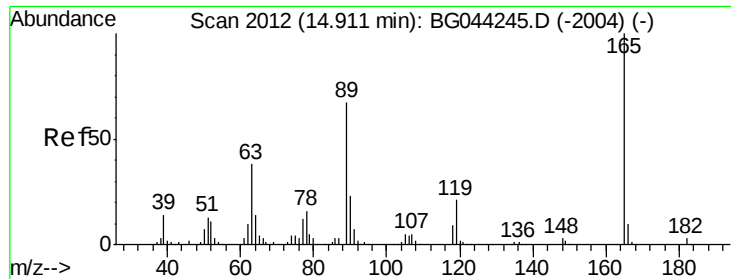


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

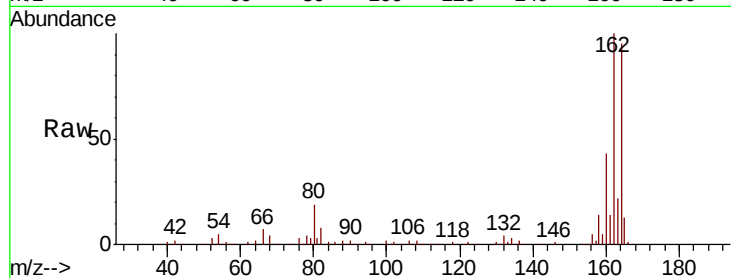




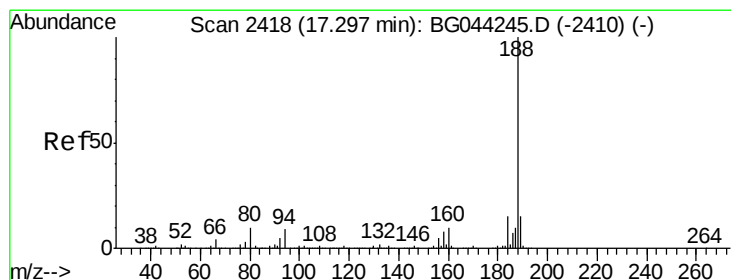
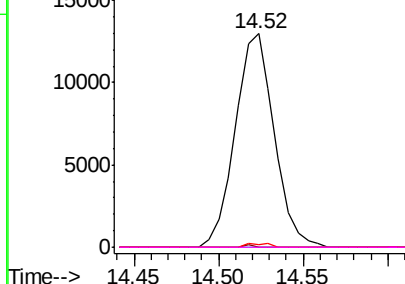
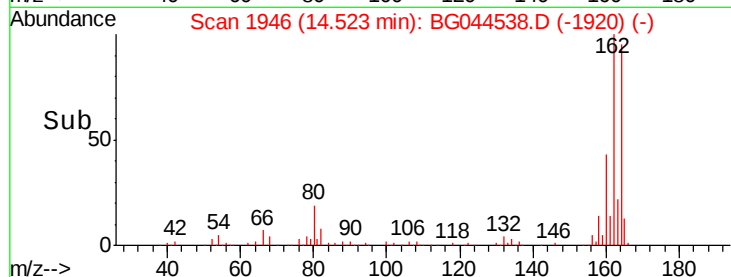
#57
 2,4-Dinitrotoluene
 Concen: 5.822 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	20769
Ion Ratio	Lower	Upper
165	100	
63	0.0	30.3 45.5#
89	1.2	53.4 80.2#
182	0.0	2.1 3.1#

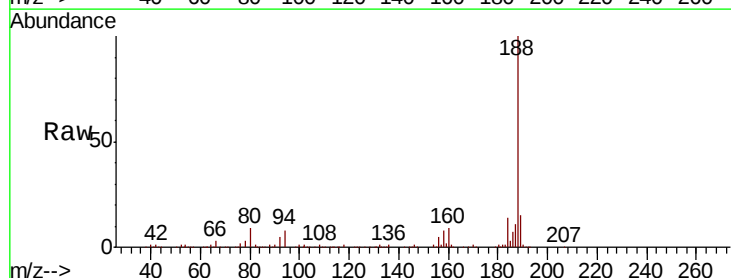


Abundance Ion 165.00 (164.70 to 165.70): E
 20000 Ion 63.00 (62.70 to 63.70): BGC
 15000 Ion 89.00 (88.70 to 89.70): BGC
 10000 Ion 182.00 (181.70 to 182.70): E

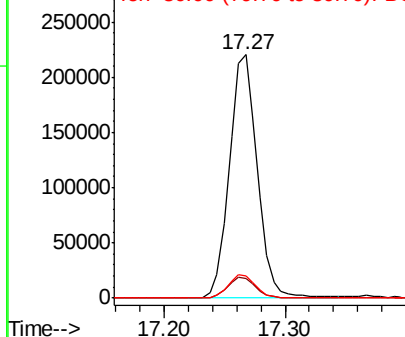
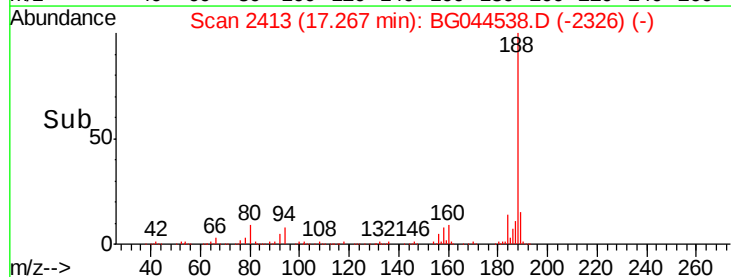


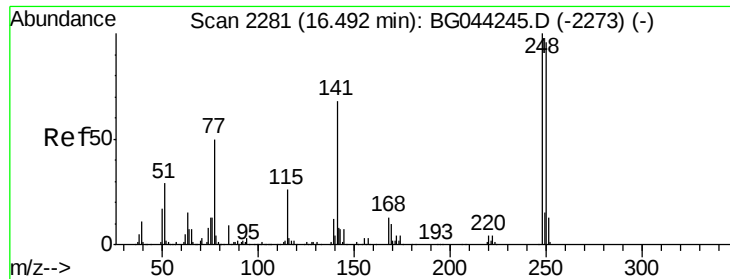
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

Tgt Ion:188	Resp:	354592
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
 300000 Ion 94.00 (93.70 to 94.70): BGC
 250000 Ion 80.00 (79.70 to 80.70): BGC

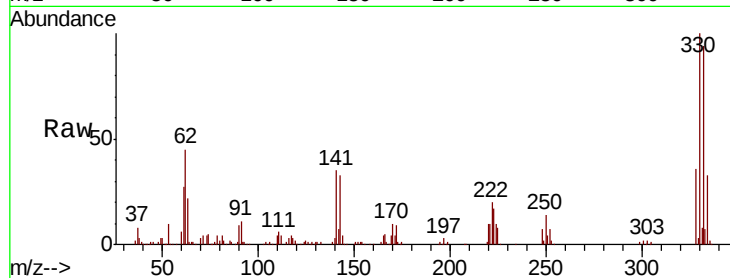




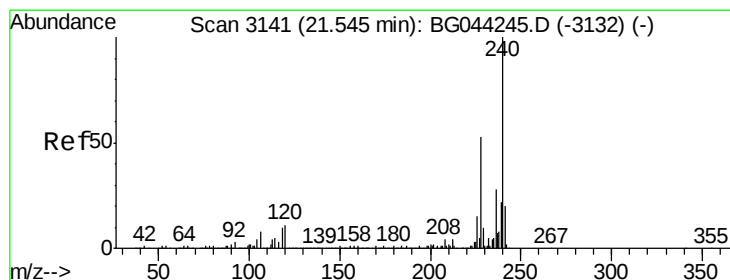
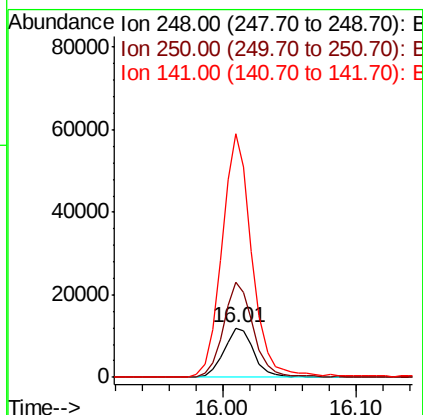
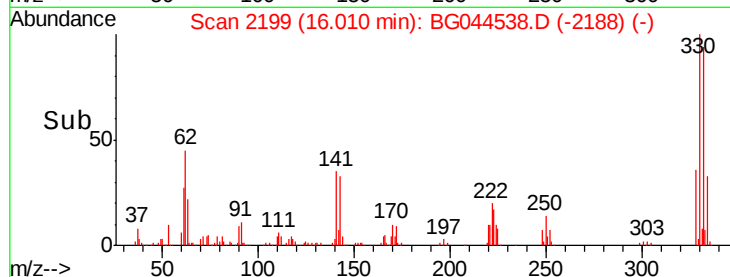
#67
 4-Bromophenyl-phenylether
 Concen: 4.841 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.47 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18703
 Ion Ratio Lower Upper
 248 100
 250 193.7 76.6 114.8#
 141 493.0 54.7 82.1#

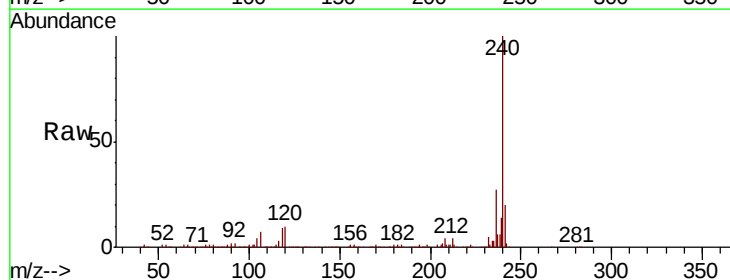


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

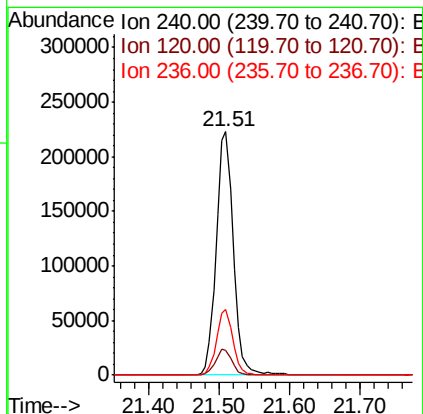
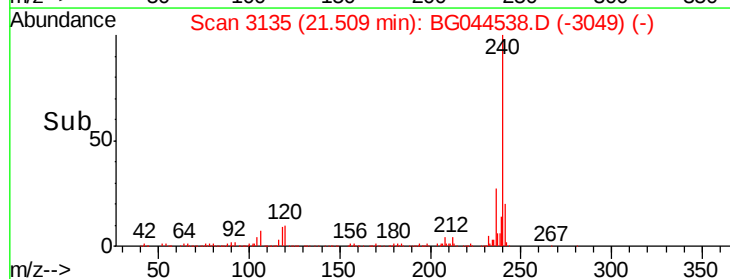


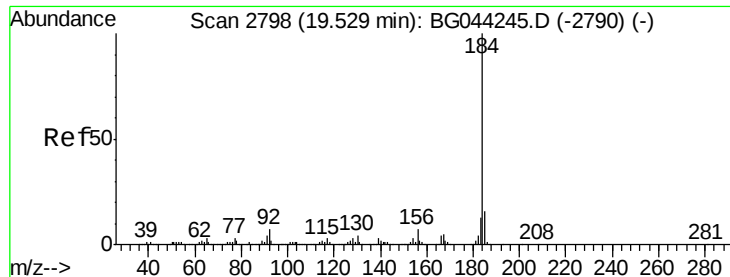
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.03 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

Tgt Ion:240 Resp: 376022
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 27.0 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





#77

Benzidine

Concen: 2.382 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.36 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampled :

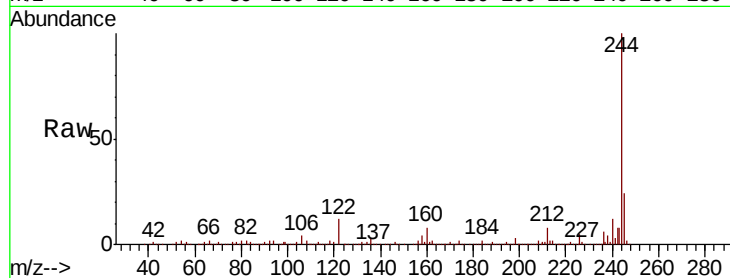
Tot Ion:184 Resp: 24849

Ion Ratio Lower Upper

184 100

185 15.2 12.9 19.3

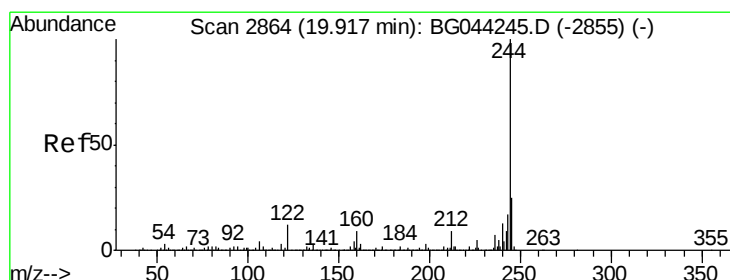
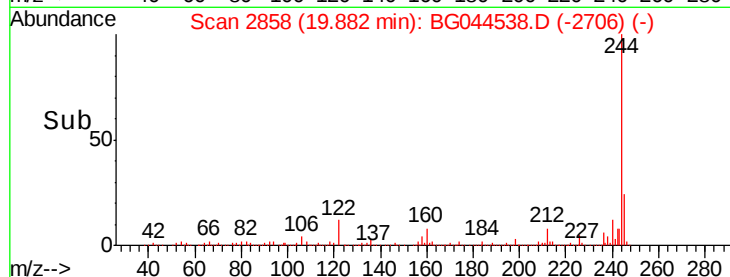
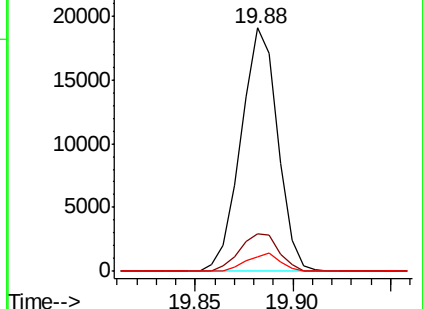
183 6.0 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 88.202 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

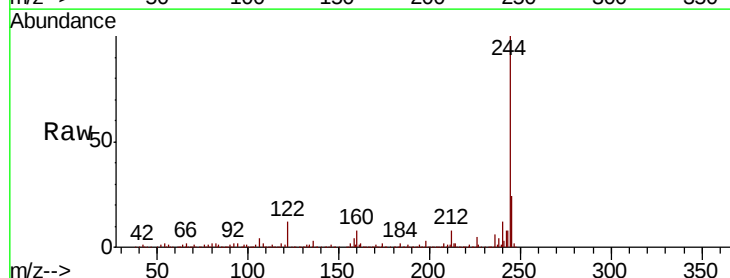
Tgt Ion:244 Resp: 1612443

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

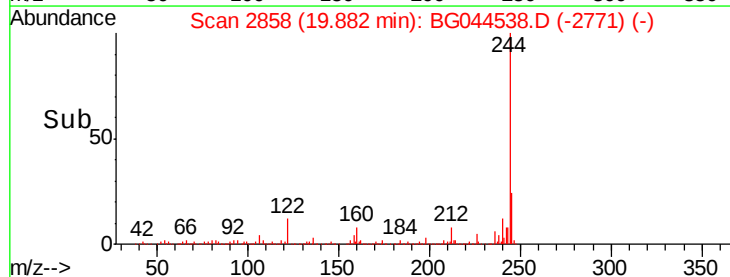
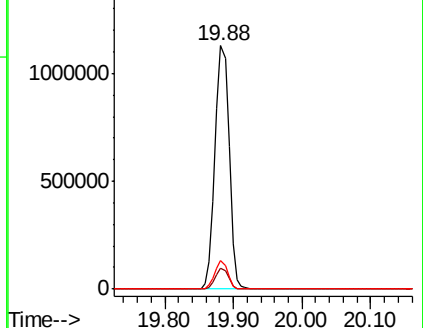
122 11.7 9.8 14.6

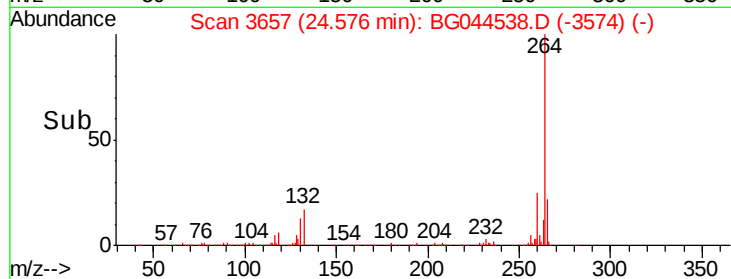
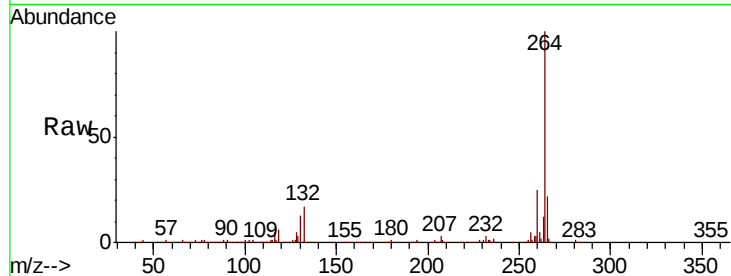
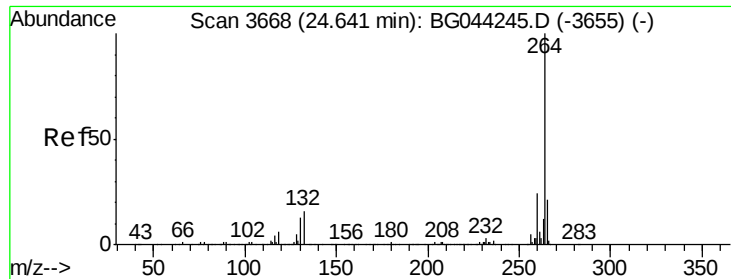


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.58 min Scan# 3657

Delta R.T. -0.04 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 399984

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.4 16.7 25.1

