

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
 Data File : BG044798.D
 Acq On : 14 Mar 2020 14:24
 Operator : CG/JU
 Sample : L1907-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9-SA

Quant Time: Mar 16 01:36:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

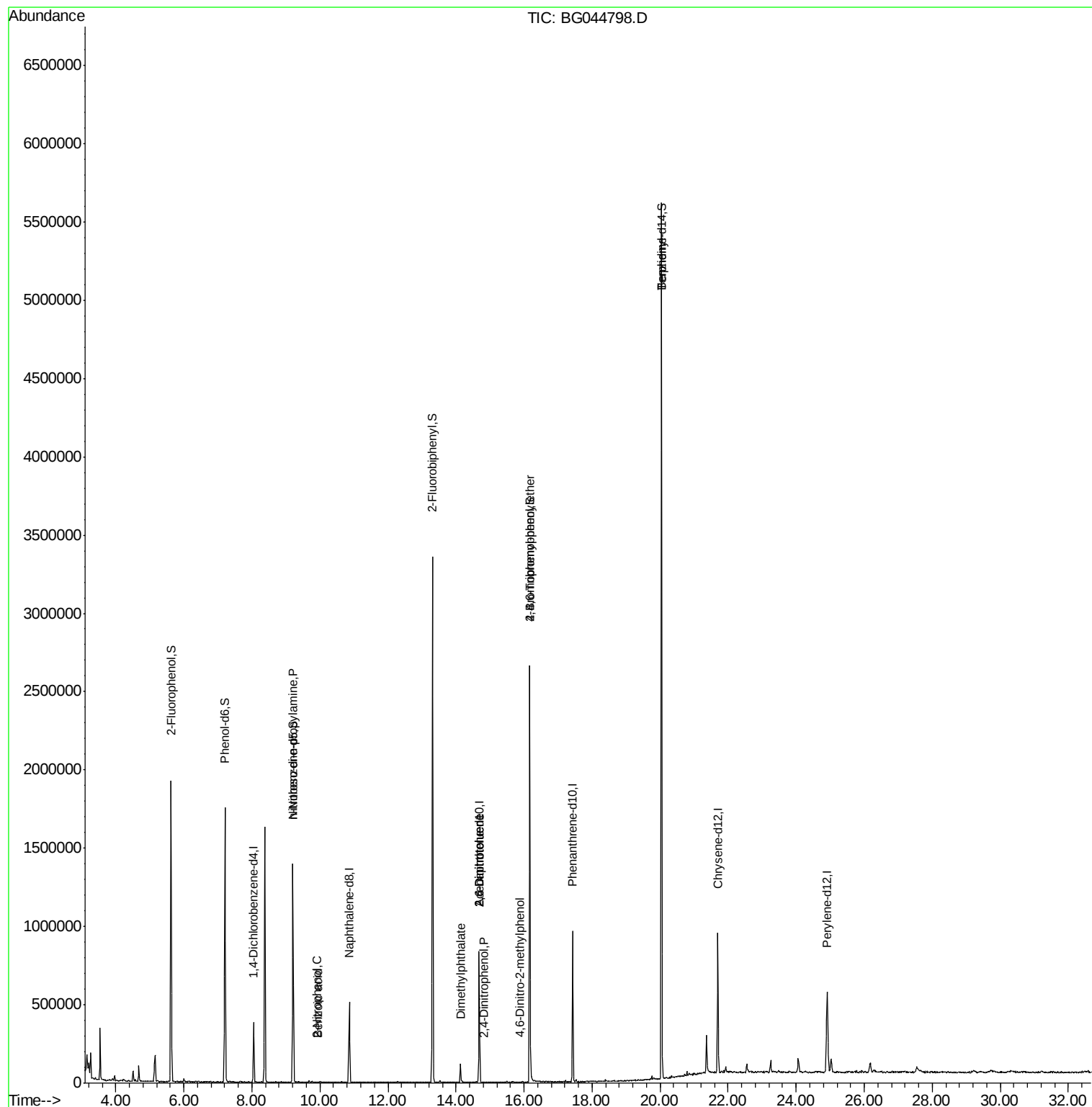
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	110399	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	451162	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	300669	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	606753	20.00	ng	0.00
76) Chrysene-d12	21.70	240	515118	20.00	ng	-0.02
87) Perylene-d12	24.91	264	585421	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	814560	114.86	ng	0.00
7) Phenol-d6	7.21	99	1036527	100.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	912305	88.73	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	509518	129.42	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1797224	85.60	ng	0.00
79) Terphenyl-d14	20.04	244	2457042	89.22	ng	0.00
Target Compounds						
9) Benzaldehyde	7.21	77	2586	Below Cal	#	12
19) n-Nitroso-di-n-propylamine	9.21	70	127172	17.48 ng	#	75
26) 2-Nitrophenol	9.91	139	55	5.53 ng	#	28
32) Benzoic acid	9.93	122	65	9.68 ng	#	1
50) Dimethylphthalate	14.13	163	75798	3.17 ng		100
51) 2,6-Dinitrotoluene	14.68	165	41075	8.51 ng	#	20
54) 2,4-Dinitrophenol	14.81	184	62	8.34 ng	#	2
57) 2,4-Dinitrotoluene	14.68	165	41075	6.20 ng	#	17
65) 4,6-Dinitro-2-methylphenol	15.87	198	76	7.75 ng	#	35
67) 4-Bromophenyl-phenylether	16.17	248	35557	4.69 ng	#	1
77) Benzidine	20.04	184	50763	3.04 ng	#	95

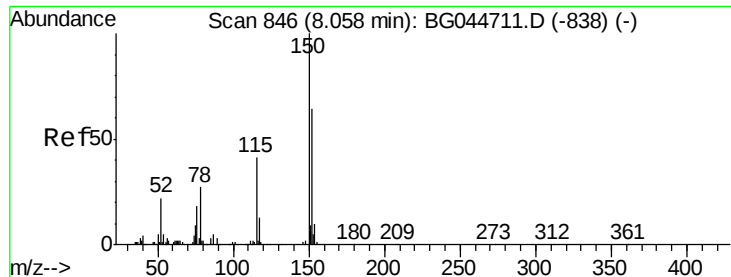
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044798.D
Acq On : 14 Mar 2020 14:24
Operator : CG/JU
Sample : L1907-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-9-SA

Quant Time: Mar 16 01:36:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



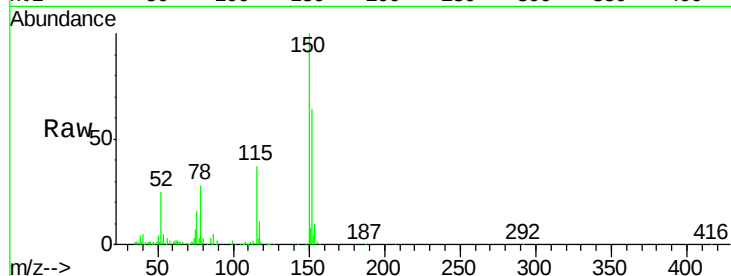


#1

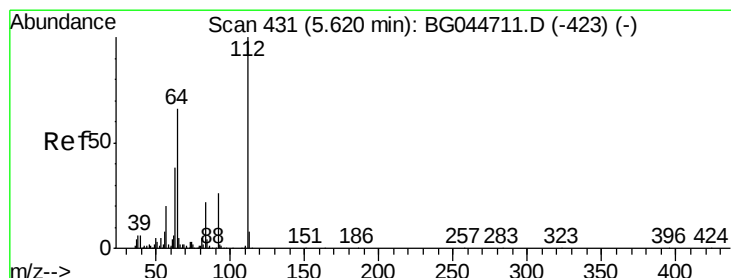
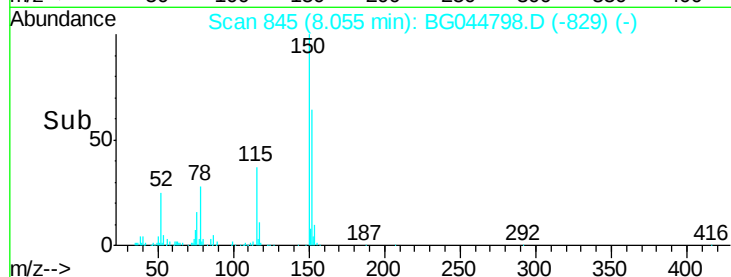
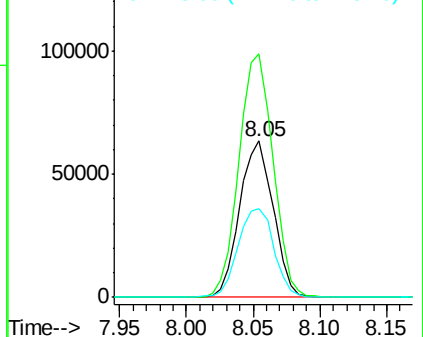
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

Instrument :
BNA_G
ClientSampleId :
TP-9-SA

Tgt Ion:152 Resp: 110399
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 57.0 51.7 77.5



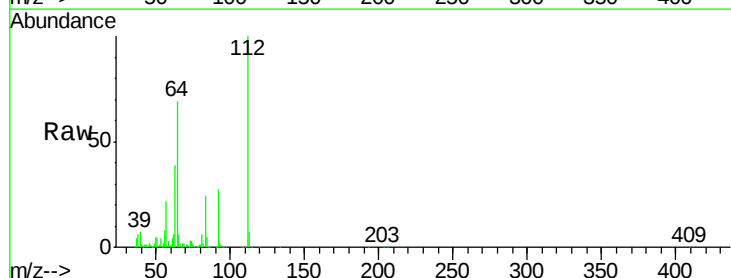
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



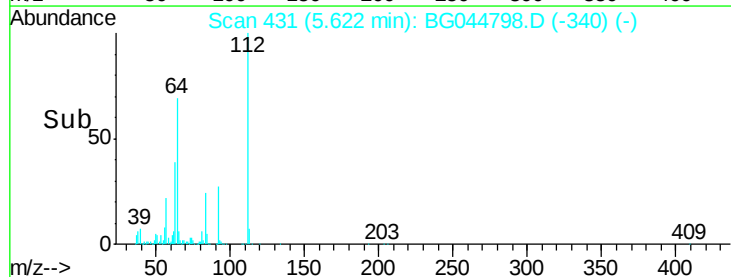
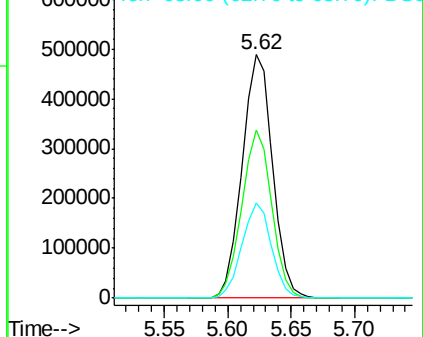
#5

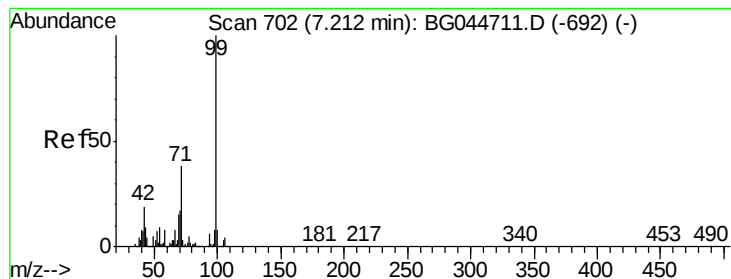
2-Fluorophenol
Concen: 114.86 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

Tgt Ion:112 Resp: 814560
Ion Ratio Lower Upper
112 100
64 69.3 52.6 78.8
63 39.0 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.59 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

Instrument :

BNA_G

ClientSampleId :

TP-9-SA

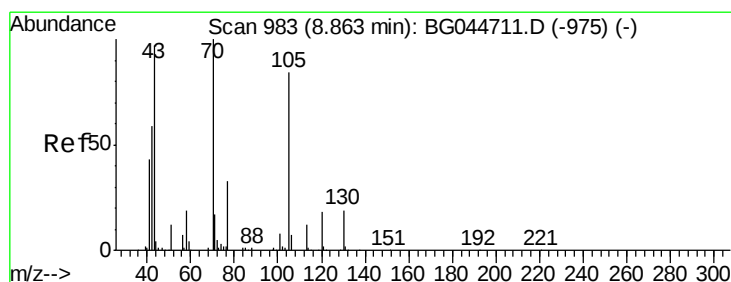
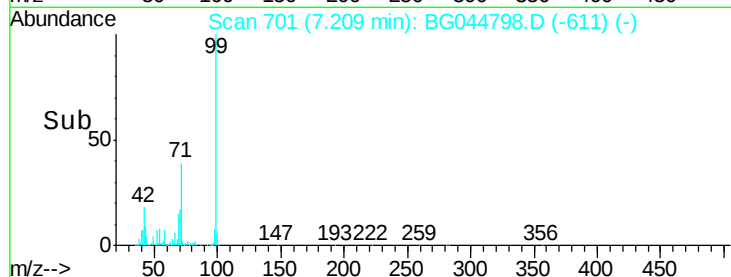
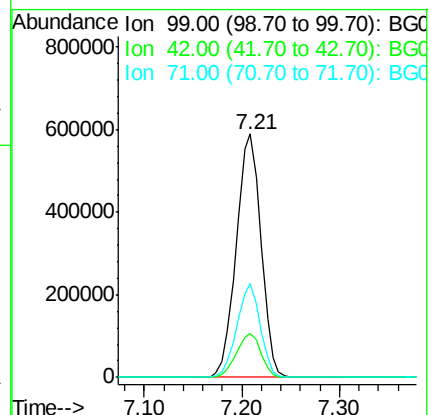
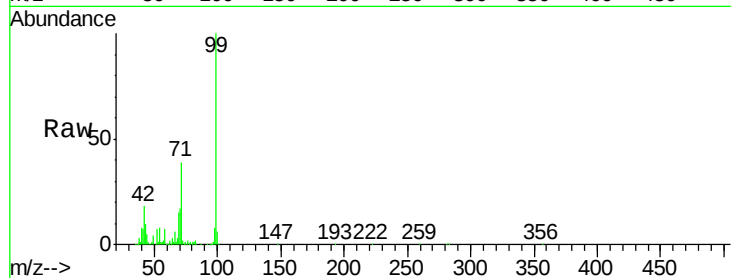
Tgt Ion: 99 Resp: 1036527

Ion Ratio Lower Upper

99 100

42 18.0 15.4 23.0

71 38.6 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.48 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

Tgt Ion: 70 Resp: 127172

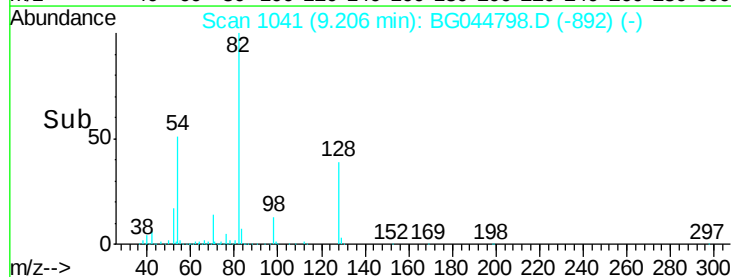
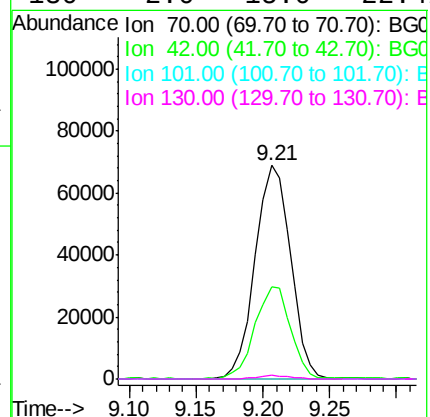
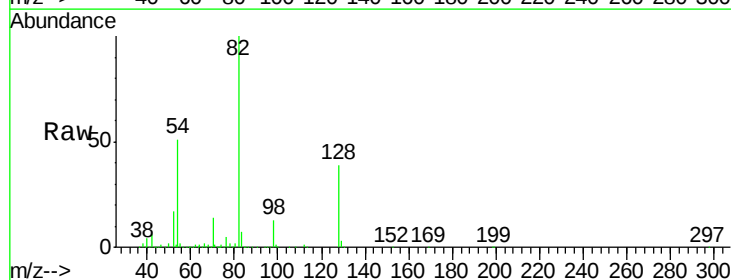
Ion Ratio Lower Upper

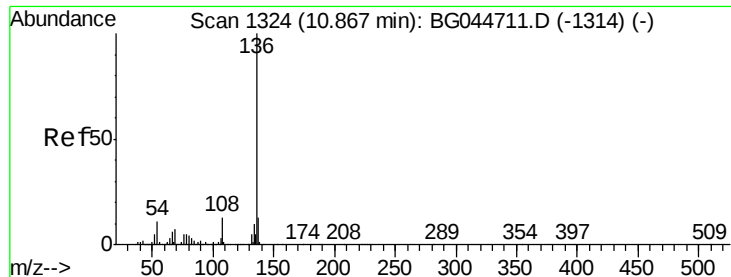
70 100

42 43.2 47.6 71.4#

101 0.0 6.5 9.7#

130 2.0 15.0 22.4#

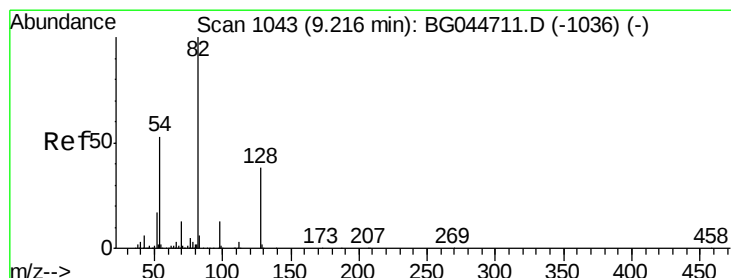
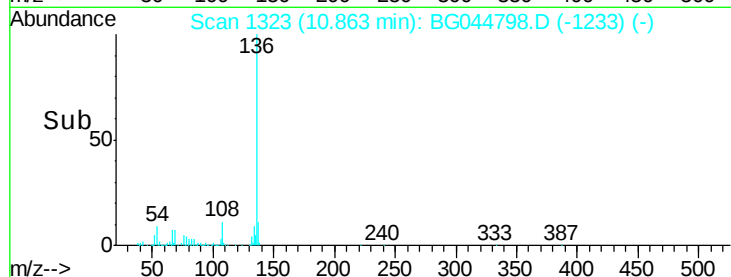
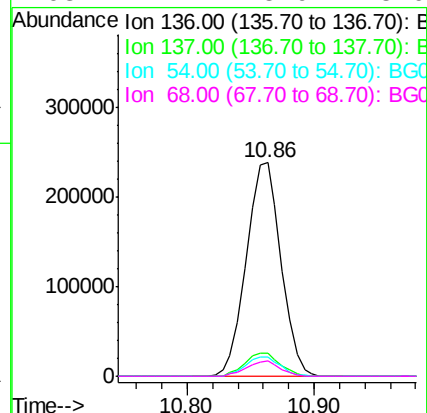
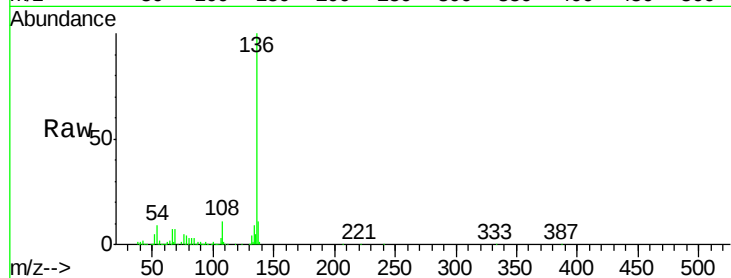




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

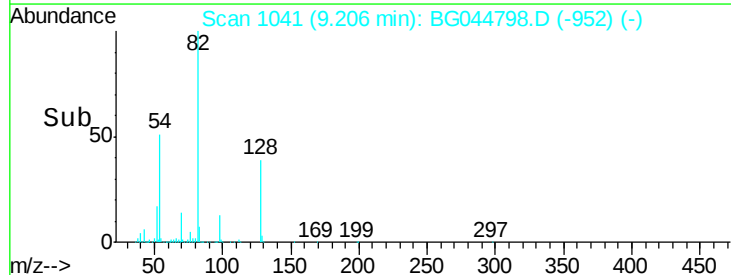
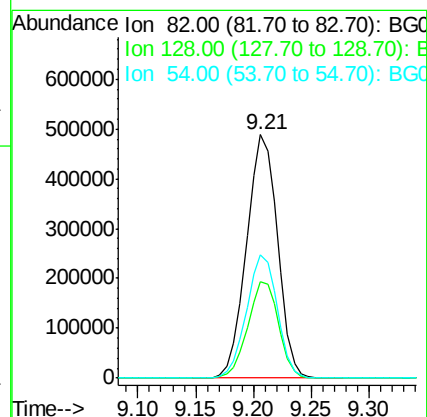
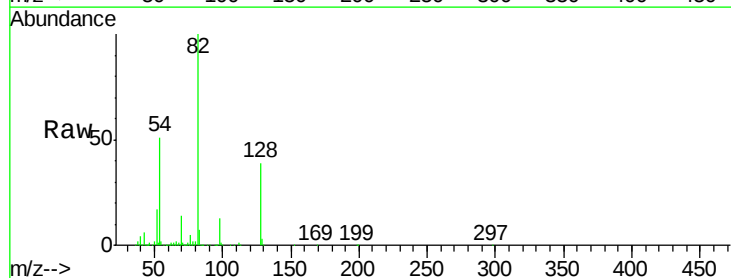
Instrument :
BNA_G
ClientSampleId :
TP-9-SA

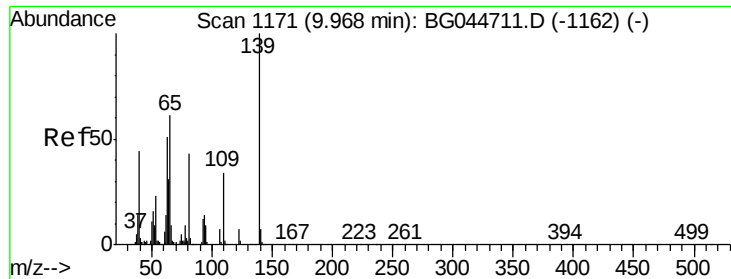
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	10.7	16.1
54	8.9	9.0	13.4#
68	7.2	5.9	8.9



#23
Nitrobenzene-d5
Concen: 88.73 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.2	45.2
54	50.5	41.8	62.8

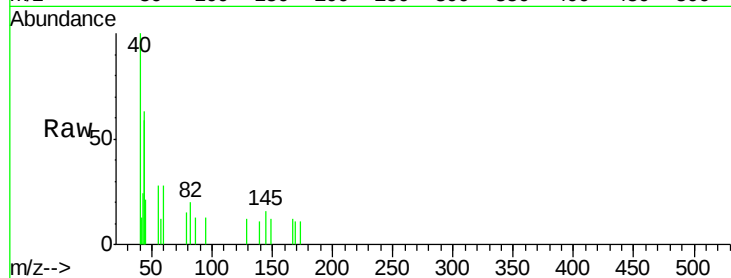




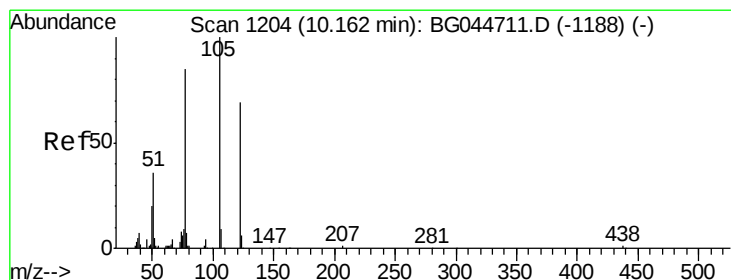
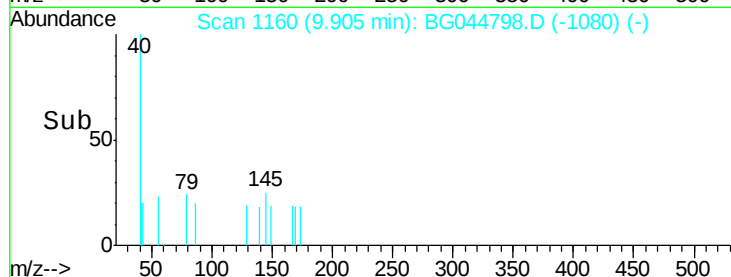
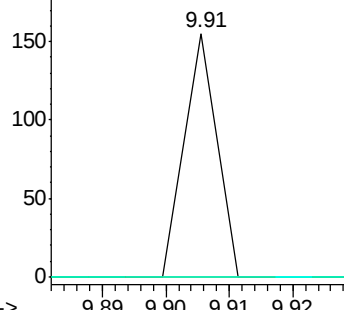
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.06 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

Instrument :
BNA_G
ClientSampleId :
TP-9-SA

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	0.0	48.6	73.0#

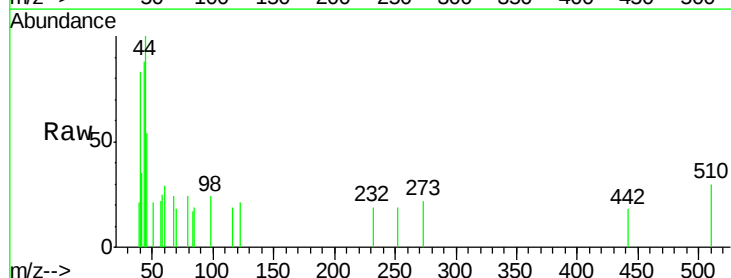


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

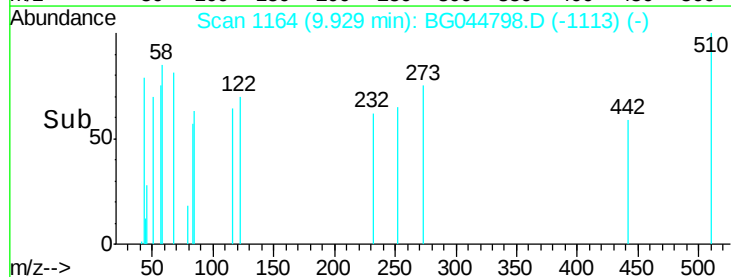
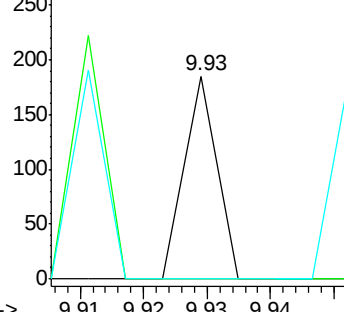


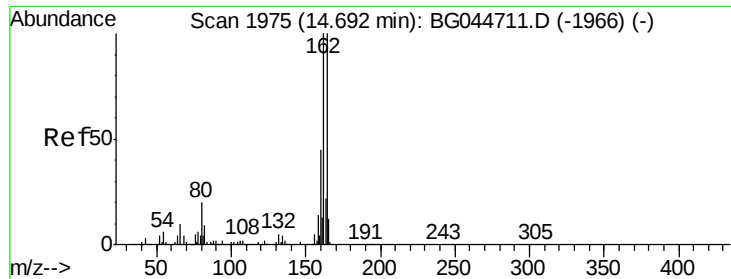
#32
Benzoic acid
Concen: 9.68 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.23 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	0.0	96.4	136.4#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

Instrument :

BNA_G

ClientSampleId :

TP-9-SA

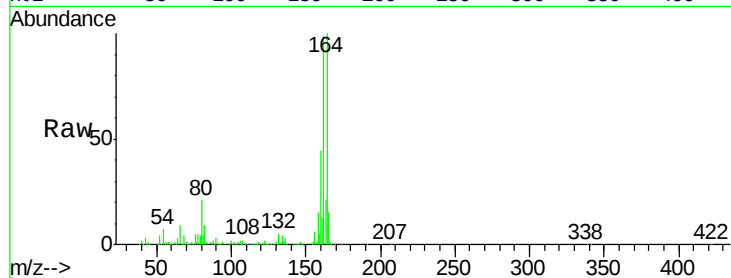
Tgt Ion:164 Resp: 300669

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.4

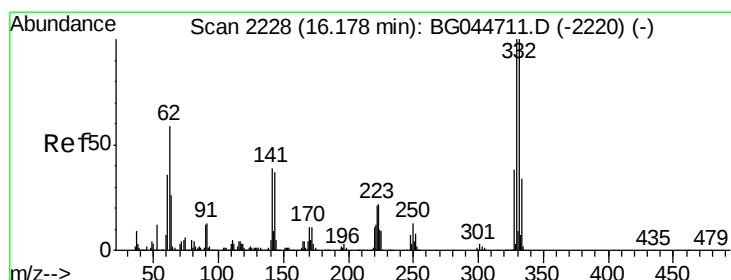
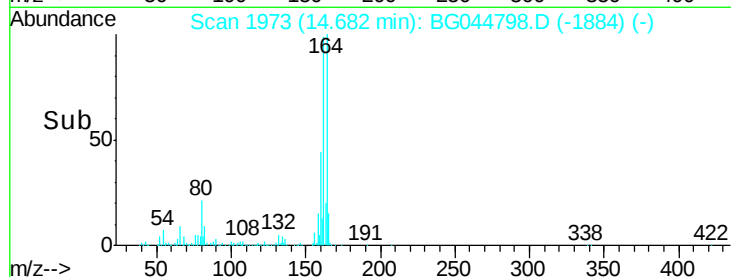
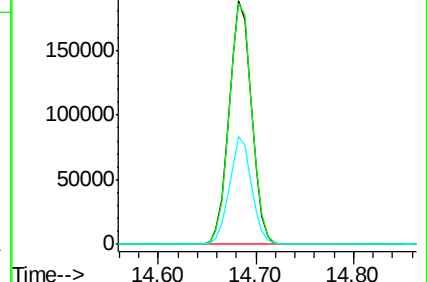
160 44.4 36.2 54.2



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: 129.42 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

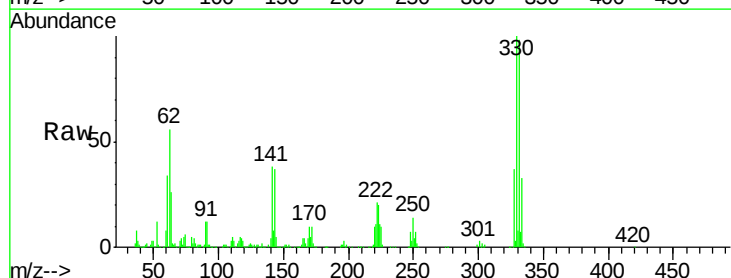
Tgt Ion:330 Resp: 509518

Ion Ratio Lower Upper

330 100

332 97.9 77.5 116.3

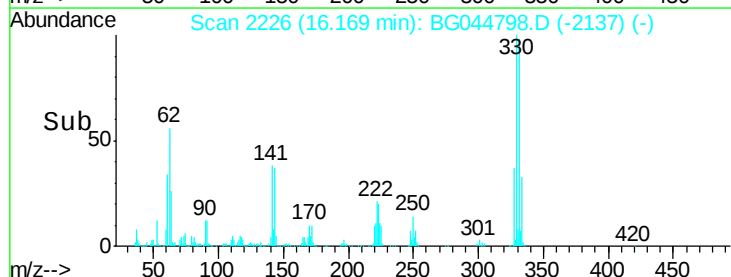
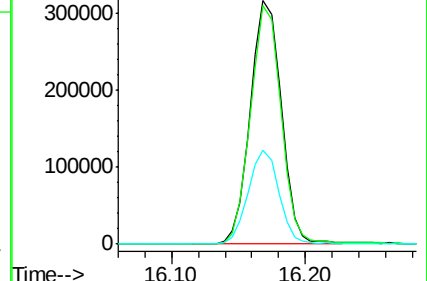
141 38.5 31.7 47.5

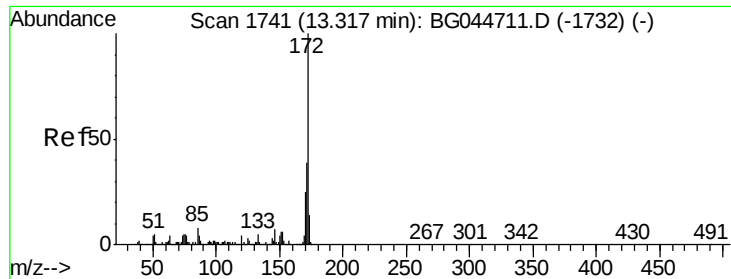


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 85.60 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

Instrument :

BNA_G

ClientSampleId :

TP-9-SA

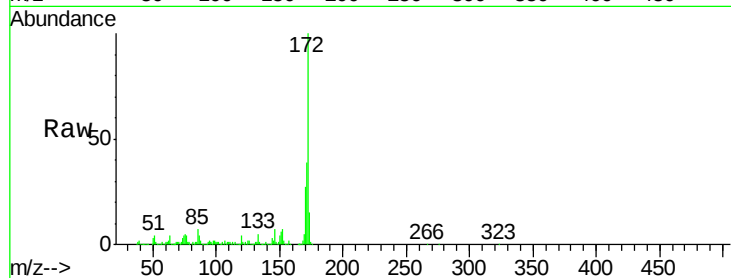
Tgt Ion:172 Resp: 1797224

Ion Ratio Lower Upper

172 100

171 39.3 30.8 46.2

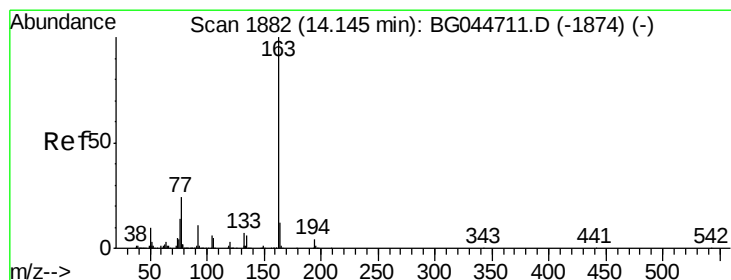
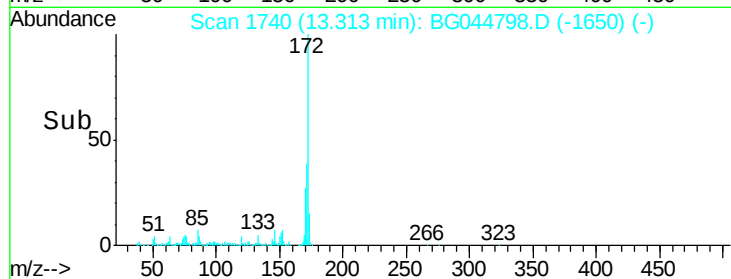
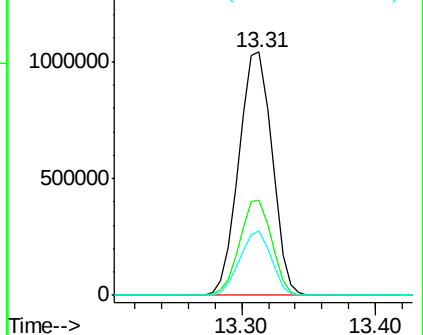
170 26.6 20.0 30.0



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: 3.17 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

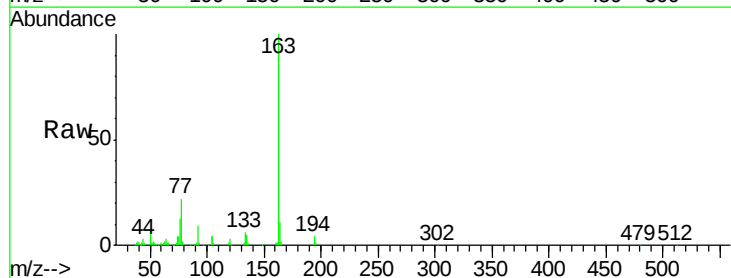
Tgt Ion:163 Resp: 75798

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

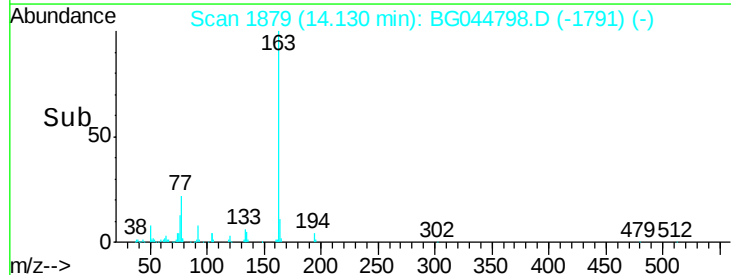
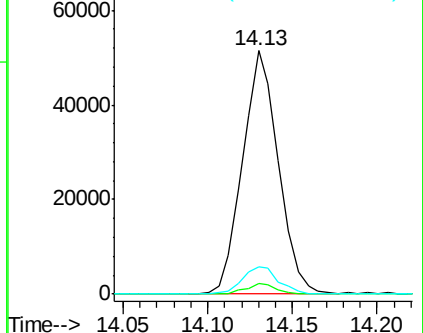
164 11.3 9.2 13.8

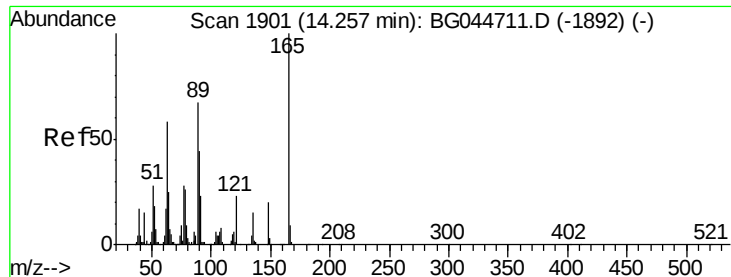


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

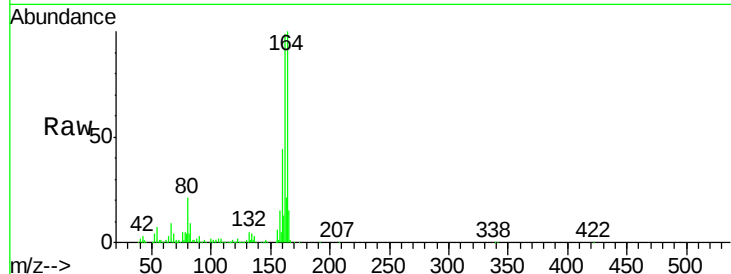




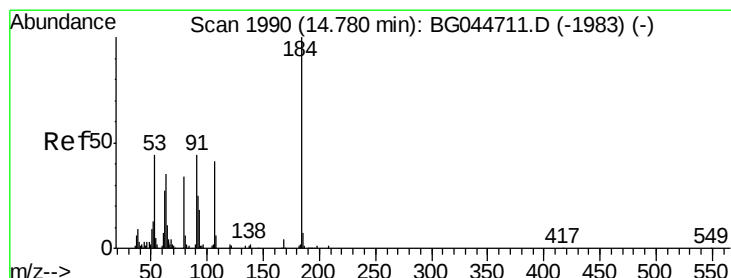
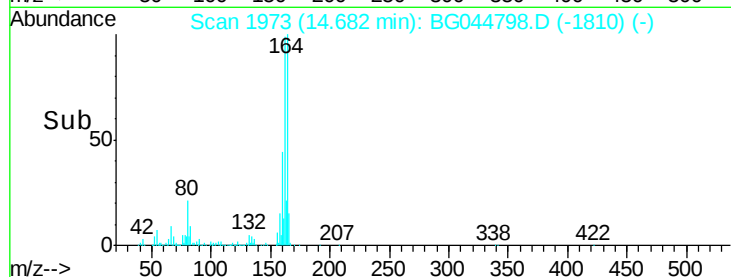
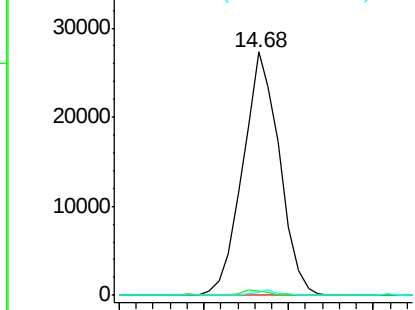
#51
2,6-Dinitrotoluene
Concen: 8.51 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.43 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

Instrument :
BNA_G
ClientSampleId :
TP-9-SA

Tgt Ion:165 Resp: 41075
Ion Ratio Lower Upper
165 100
63 1.9 48.9 73.3#
89 1.2 53.8 80.8#

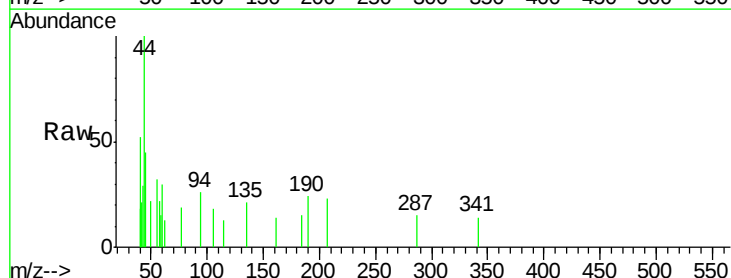


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

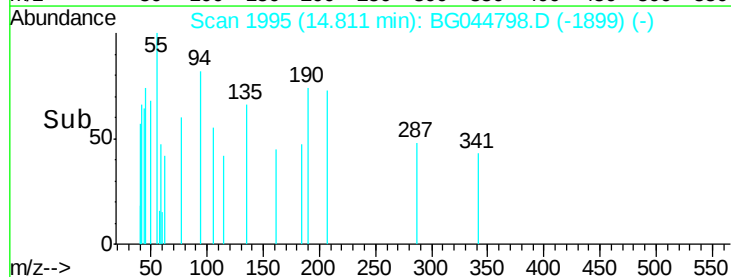
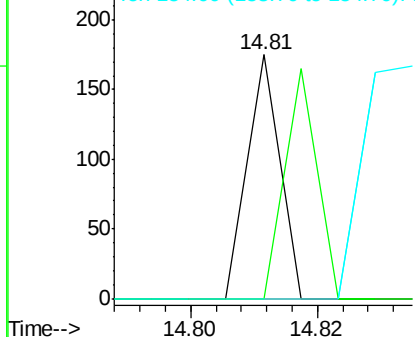


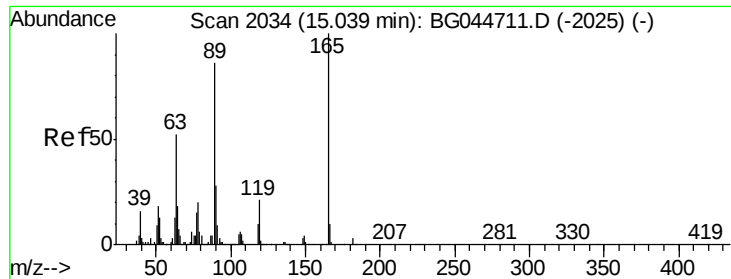
#54
2,4-Dinitrophenol
Concen: 8.34 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.03 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 49.0 73.6#
154 0.0 94.5 141.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

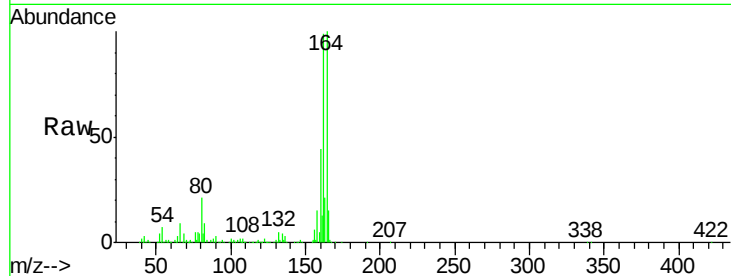




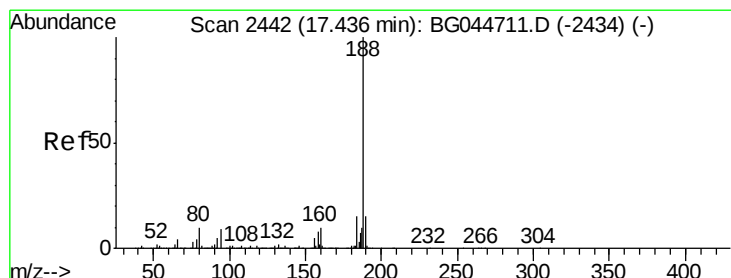
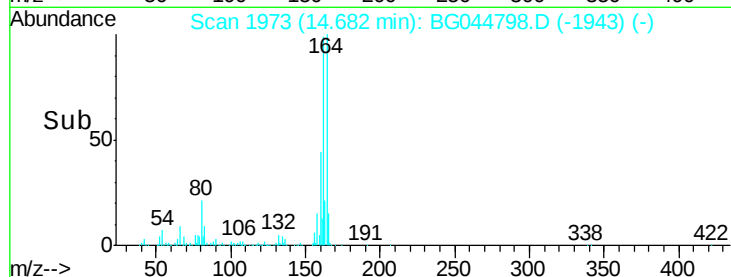
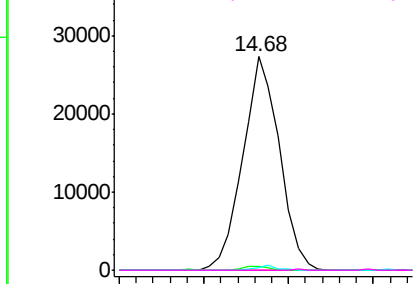
#57
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.36 min
 Lab File: BG044798.D
 Acq: 14 Mar 2020 14:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-9-SA

Tgt Ion:165 Resp: 41075
 Ion Ratio Lower Upper
 165 100
 63 1.9 41.5 62.3#
 89 1.2 69.0 103.4#
 182 0.0 2.7 4.1#

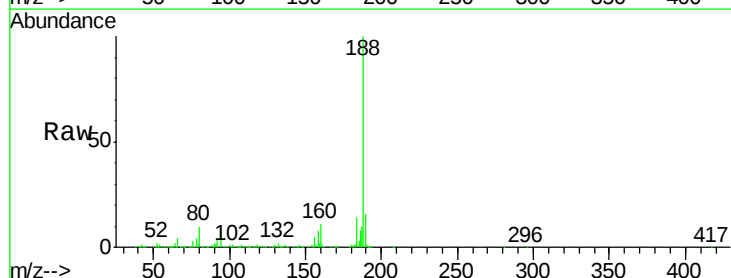


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

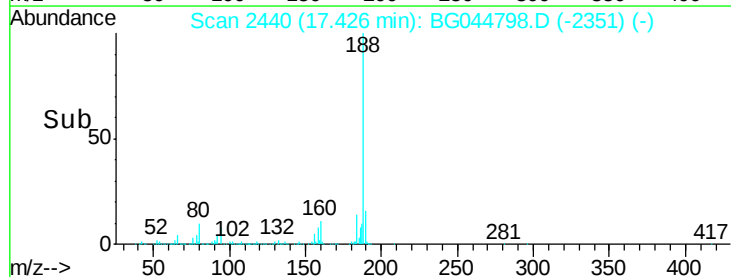
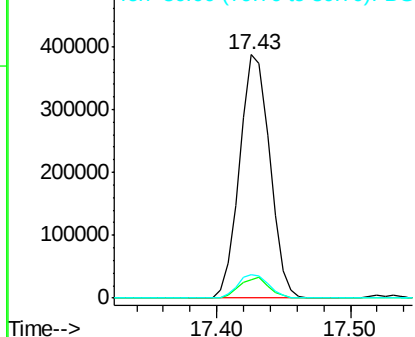


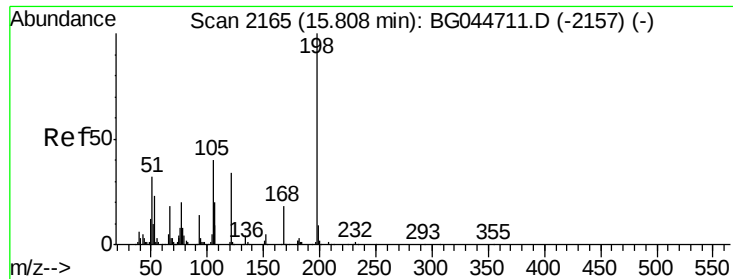
#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG044798.D
 Acq: 14 Mar 2020 14:24

Tgt Ion:188 Resp: 606753
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.0 10.6
 80 9.5 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 7.75 ng

RT: 15.87 min Scan# 2176

Delta R.T. 0.07 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

Instrument :

BNA_G

ClientSampleId :

TP-9-SA

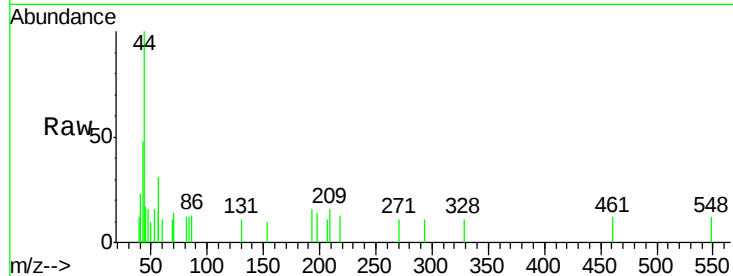
Tgt Ion:198 Resp: 76

Ion Ratio Lower Upper

198 100

51 0.0 20.1 60.1#

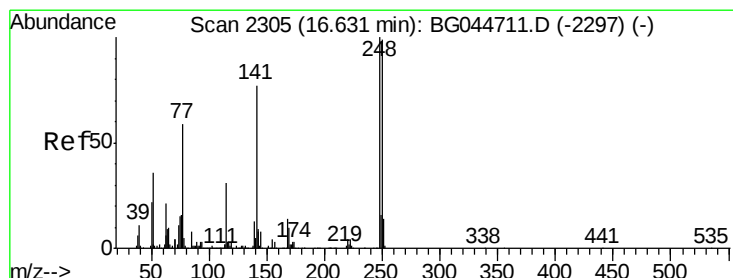
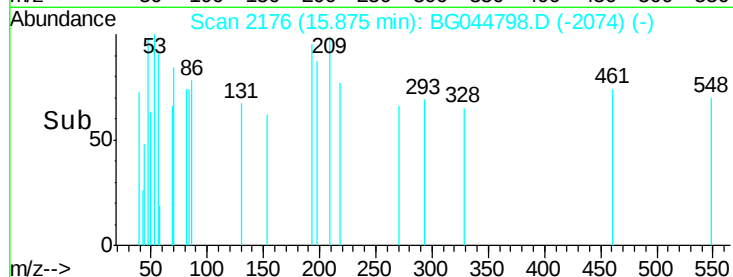
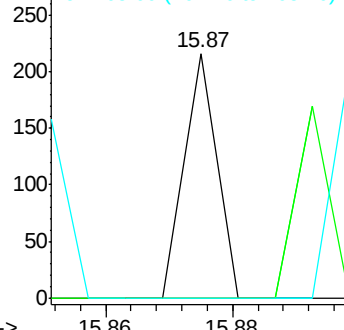
105 0.0 21.3 61.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.69 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

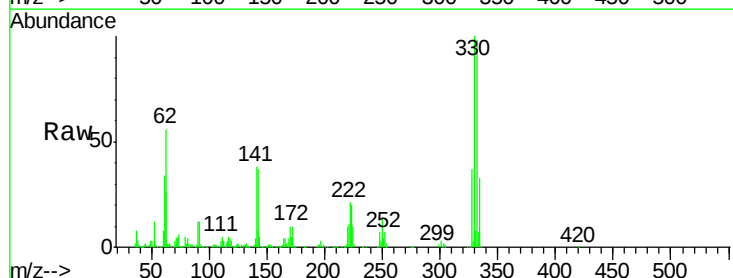
Tgt Ion:248 Resp: 35557

Ion Ratio Lower Upper

248 100

250 196.0 79.4 119.0#

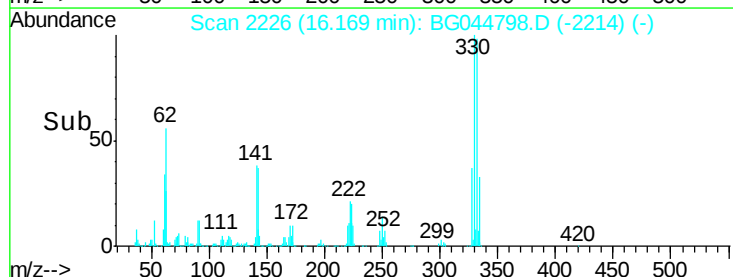
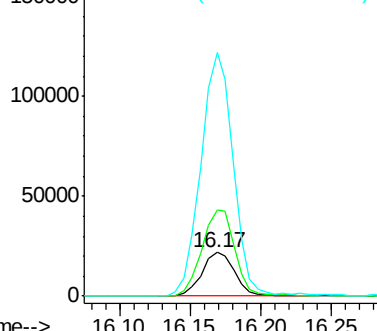
141 554.7 61.7 92.5#

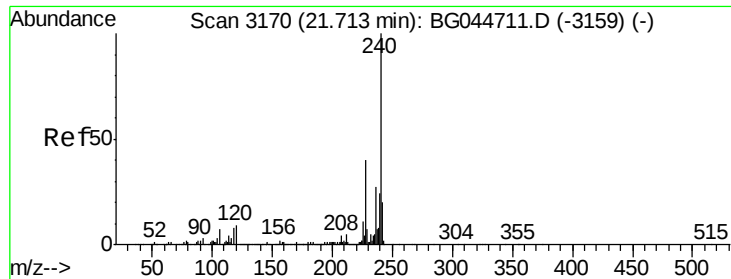


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

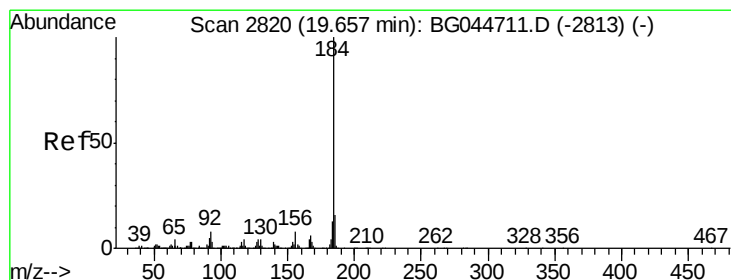
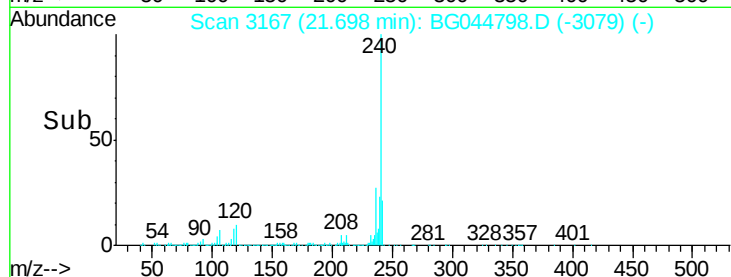
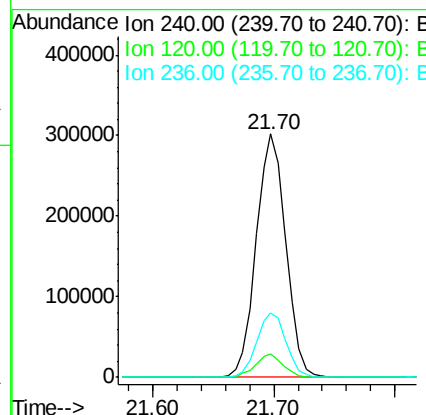
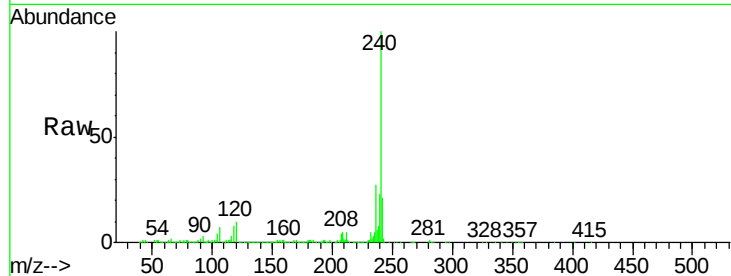




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

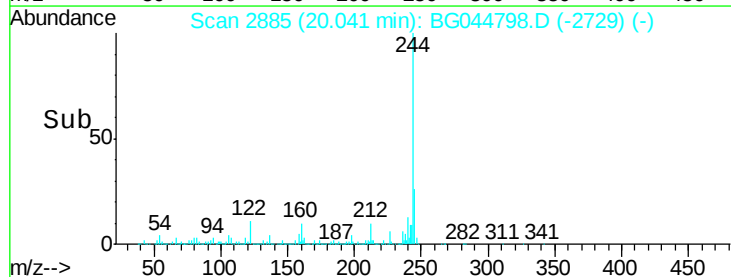
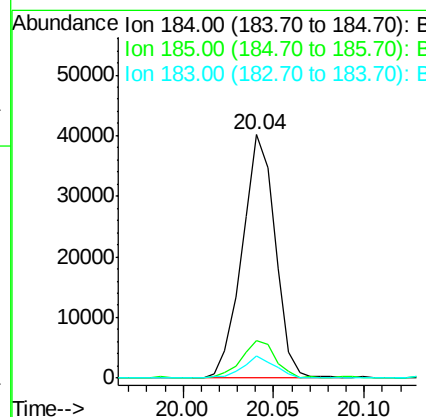
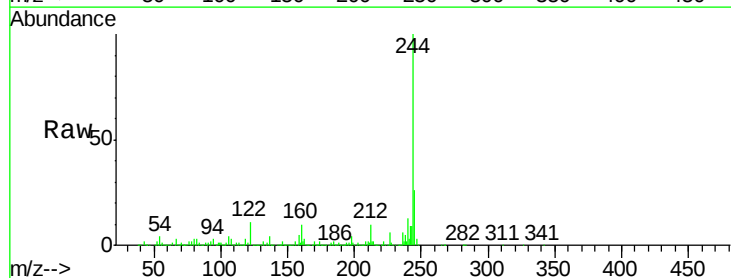
Instrument :
BNA_G
ClientSampleId :
TP-9-SA

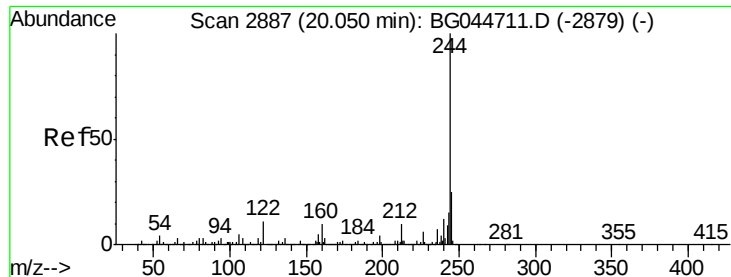
Tgt Ion:240 Resp: 515118
Ion Ratio Lower Upper
240 100
120 9.8 6.9 10.3
236 26.7 21.9 32.9



#77
Benzidine
Concen: 3.04 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.38 min
Lab File: BG044798.D
Acq: 14 Mar 2020 14:24

Tgt Ion:184 Resp: 50763
Ion Ratio Lower Upper
184 100
185 15.6 12.9 19.3
183 9.2 10.6 15.8#





#79

Terphenyl-d14

Concen: 89.22 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

Instrument :

BNA_G

ClientSampleId :

TP-9-SA

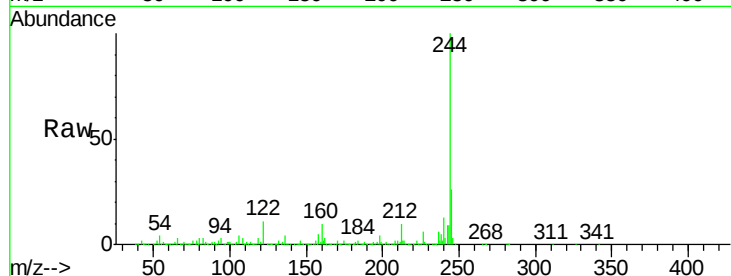
Tgt Ion:244 Resp: 2457042

Ion Ratio Lower Upper

244 100

212 10.0 8.4 12.6

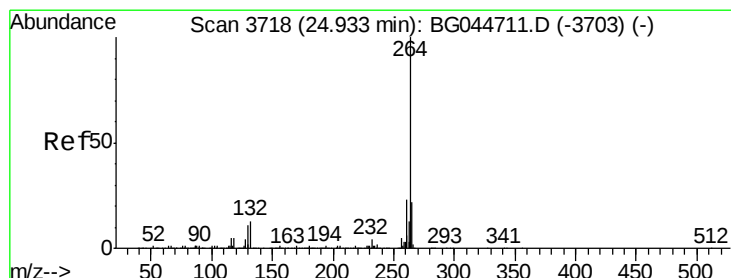
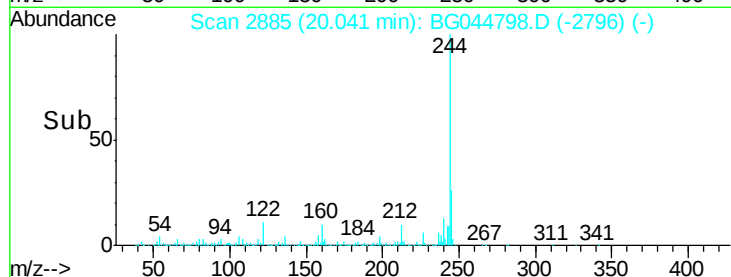
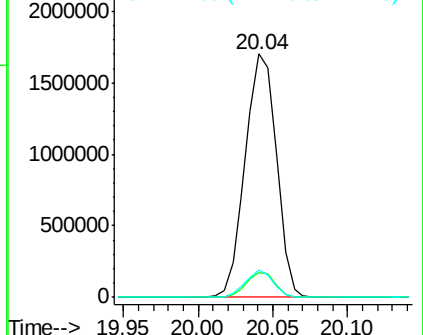
122 11.3 8.7 13.1



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

Perylene-d12

Concen: 20.00 ng

RT: 24.91 min Scan# 3714

Delta R.T. -0.02 min

Lab File: BG044798.D

Acq: 14 Mar 2020 14:24

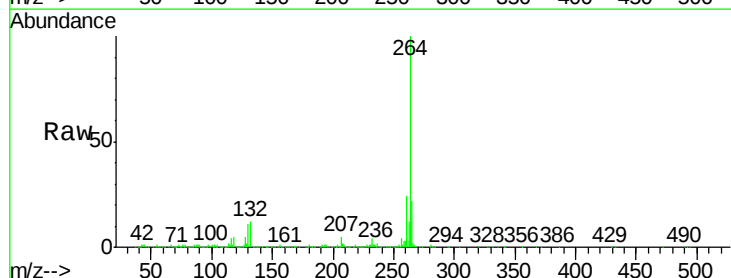
Tgt Ion:264 Resp: 585421

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.5 17.4 26.2



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

