

Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2

Quant Time: Jan 25 05:36:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

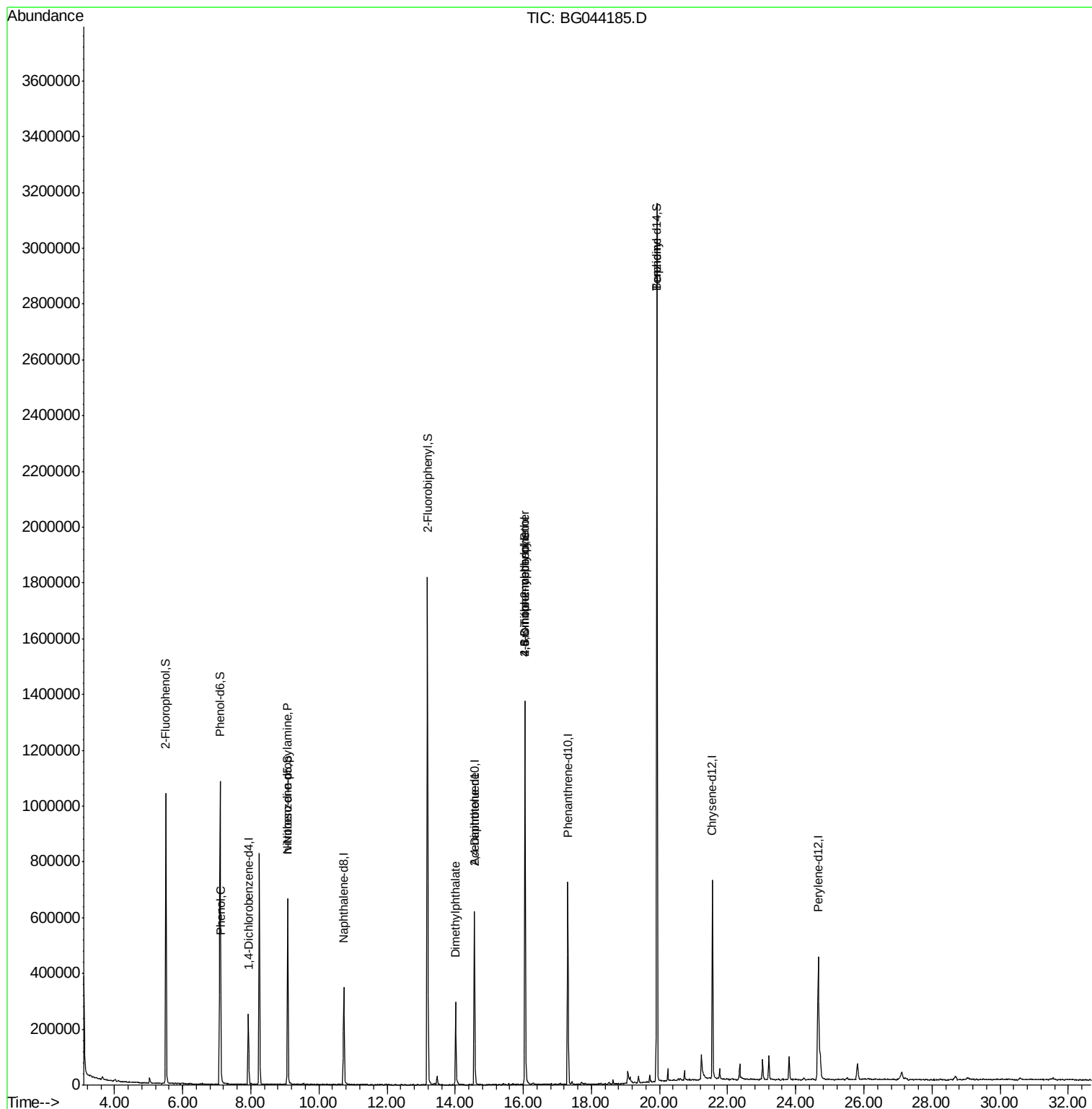
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75753	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	339101	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	232182	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	492120	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	424810	20.00	ng	-0.03
87) Perylene-d12	24.66	264	476541	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	501241	121.49	ng	-0.03
7) Phenol-d6	7.10	99	691838	119.97	ng	-0.03
23) Nitrobenzene-d5	9.08	82	426174	67.23	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	272432	112.12	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1036905	80.91	ng	-0.03
79) Terphenyl-d14	19.92	244	1480811	83.71	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	33107	5.572	ng	86
19) n-Nitroso-di-n-propylamine	9.08	70	55066	12.822	ng	# 79
50) Dimethylphthalate	14.01	163	235471	14.283	ng	96
57) 2,4-Dinitrotoluene	14.57	165	30607	6.037	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.06	198	838	4.690	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	19395	3.504	ng	# 1
77) Benzidine	19.92	184	24530	2.297	ng	# 92

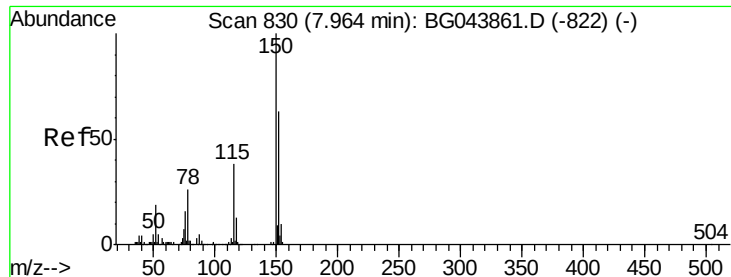
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2

Quant Time: Jan 25 05:36:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



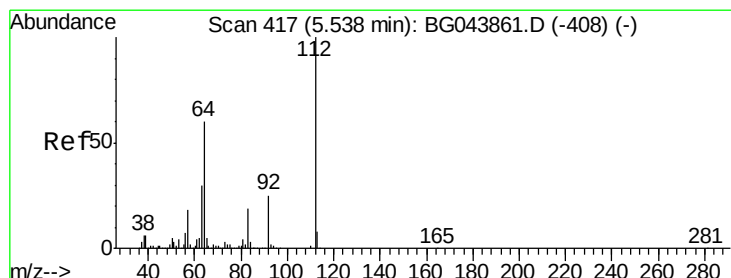
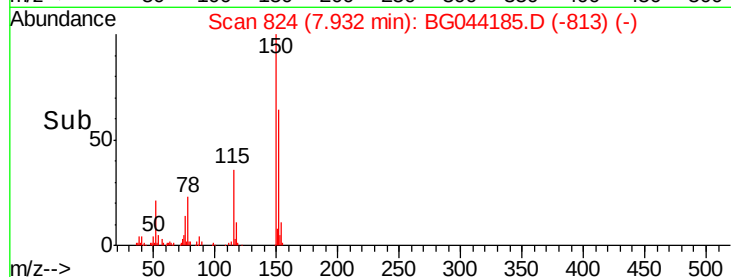
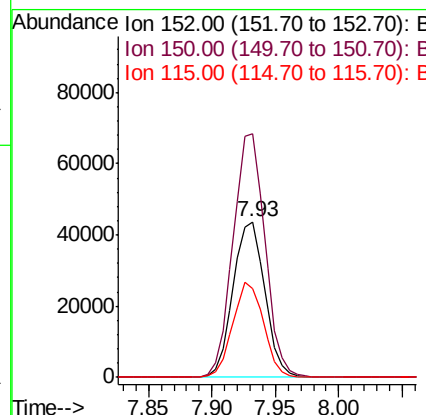
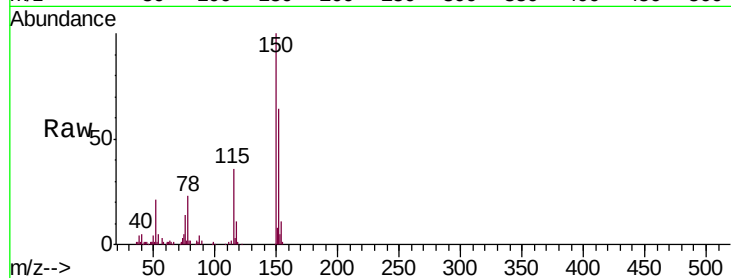


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044185.D
Acq: 24 Jan 2020 17:07

Instrument :
BNA_G
ClientSampleId :
SP-2

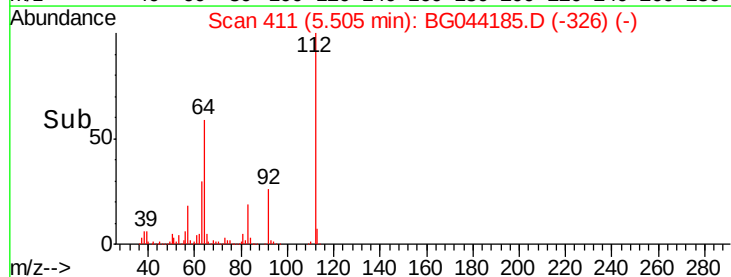
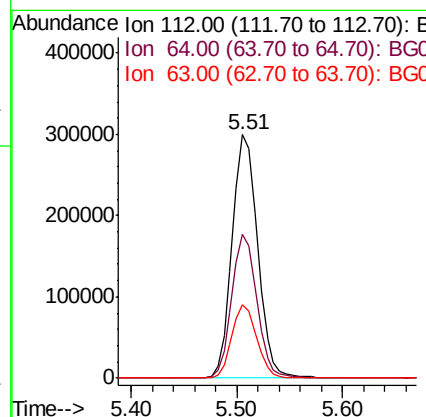
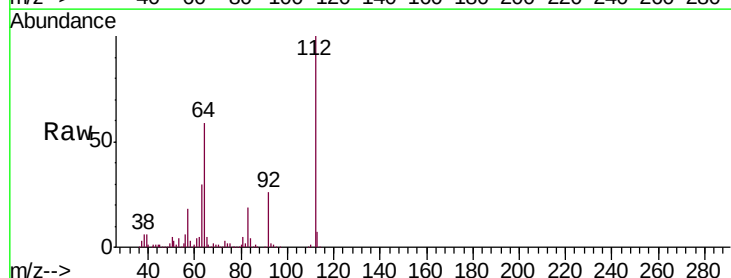
Tgt Ion:152 Resp: 75753
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.4
115 57.0 47.8 71.8

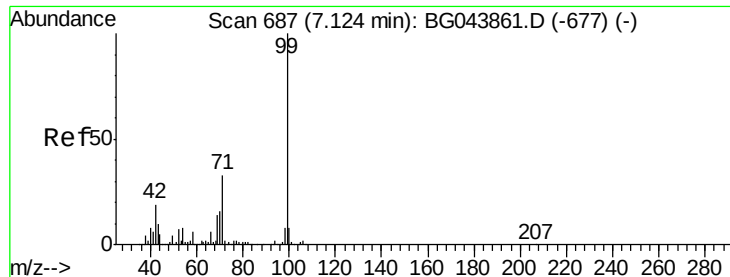


#5

2-Fluorophenol
Concen: 121.492 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044185.D
Acq: 24 Jan 2020 17:07

Tgt Ion:112 Resp: 501241
Ion Ratio Lower Upper
112 100
64 59.2 47.8 71.6
63 30.4 24.3 36.5





#7

Phenol-d6

Concen: 119.965 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044185.D

Acq: 24 Jan 2020 17:07

Instrument :

BNA_G

ClientSampleId :

SP-2

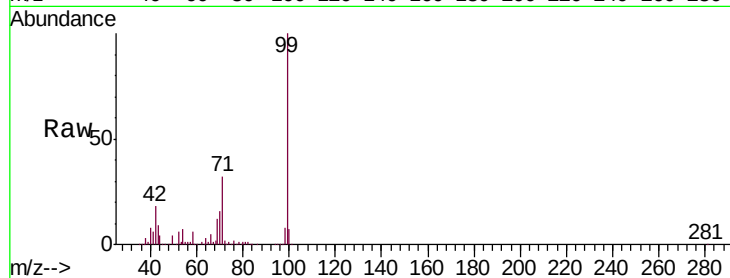
Tgt Ion: 99 Resp: 691838

Ion Ratio Lower Upper

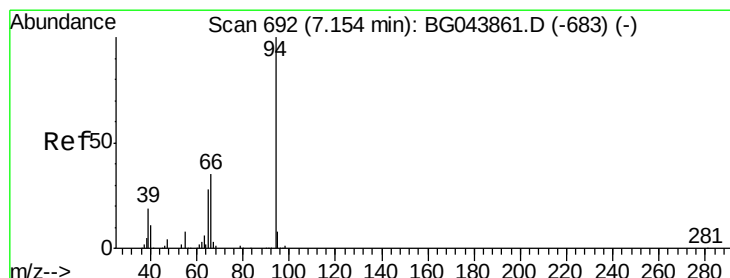
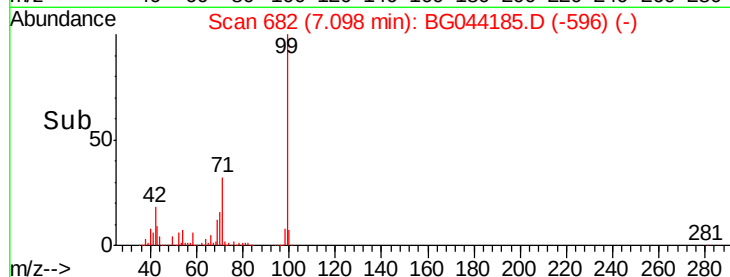
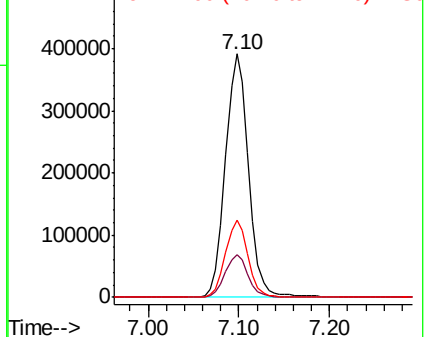
99 100

42 17.8 14.9 22.3

71 31.7 26.4 39.6



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



#10

Phenol

Concen: 5.572 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BG044185.D

Acq: 24 Jan 2020 17:07

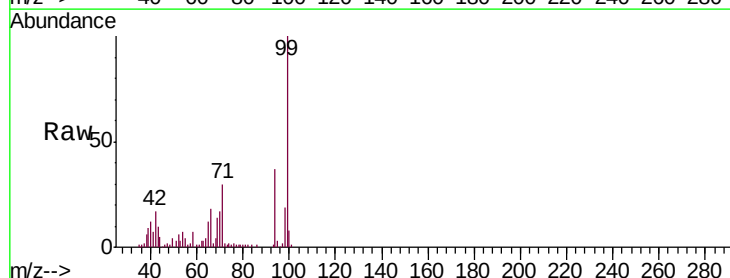
Tgt Ion: 94 Resp: 33107

Ion Ratio Lower Upper

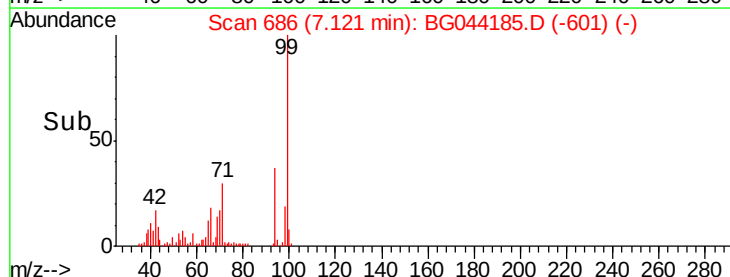
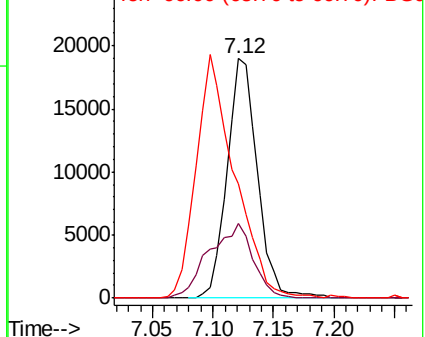
94 100

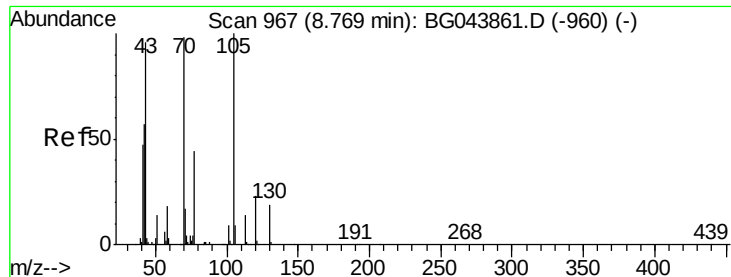
65 31.2 8.1 48.1

66 47.8 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

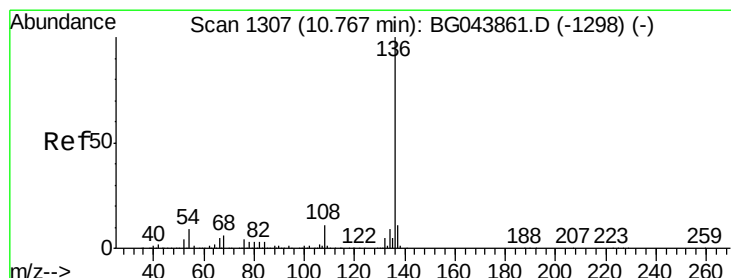
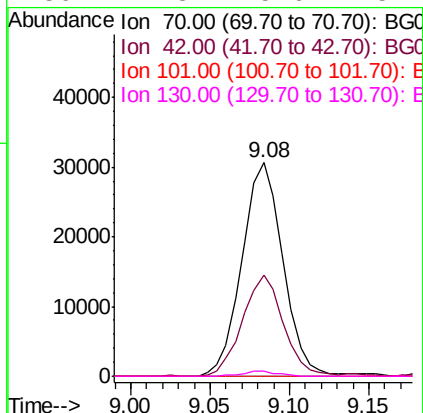
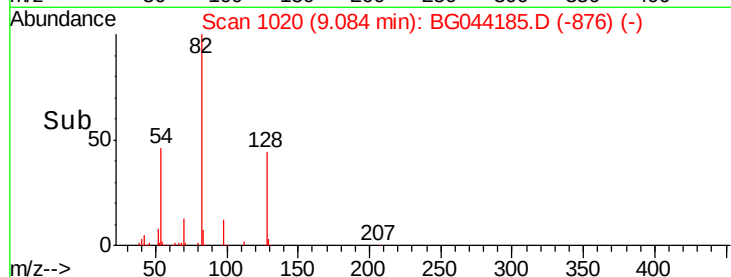
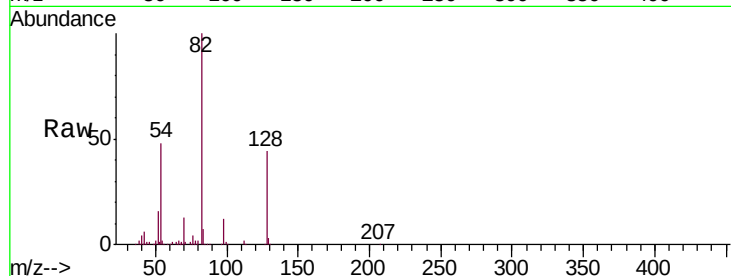




#19
n-Nitroso-di-n-propylamine
Concen: 12.822 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044185.D
Acq: 24 Jan 2020 17:07

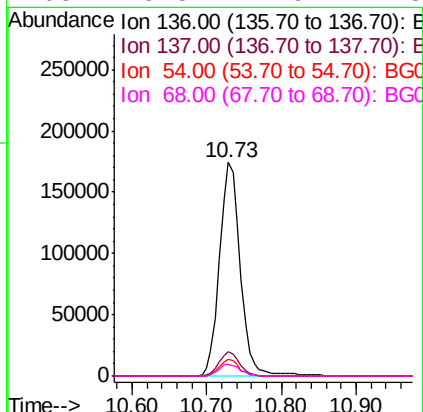
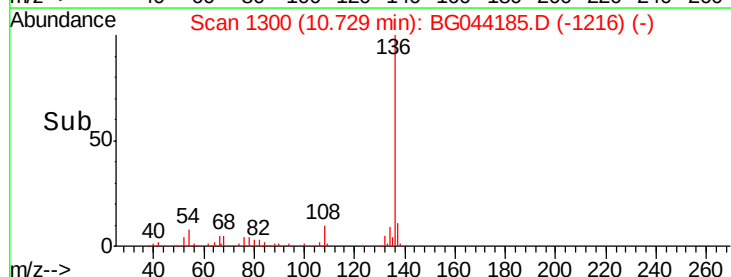
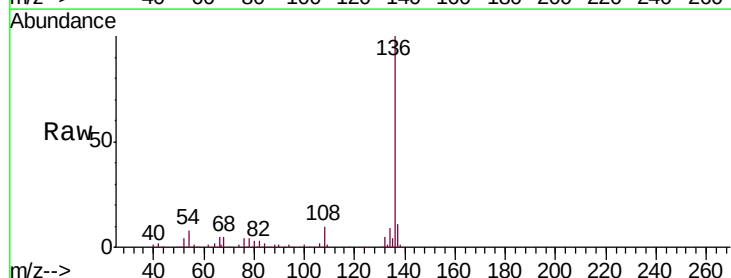
Instrument :
BNA_G
ClientSampleId :
SP-2

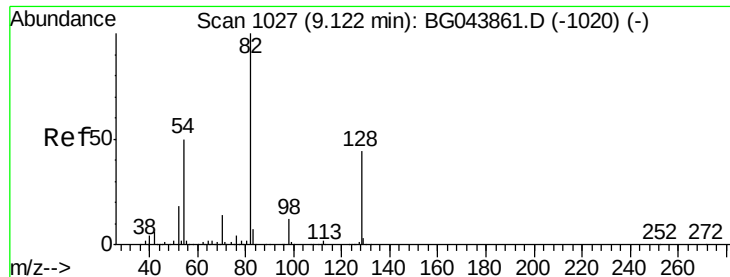
Tgt Ion:	70	Resp:	55066
Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.0	70.4
101	0.0	7.2	10.8#
130	2.3	15.6	23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044185.D
Acq: 24 Jan 2020 17:07

Tgt Ion:	136	Resp:	339101
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.6	7.0	10.4
68	5.3	4.9	7.3

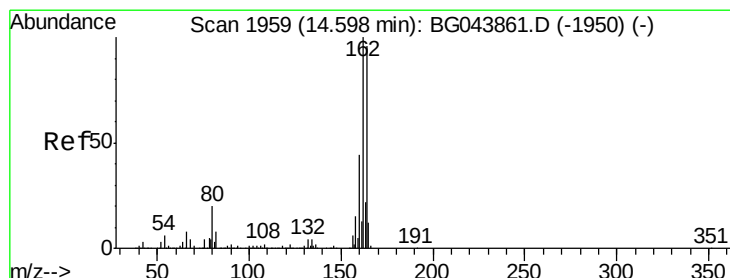
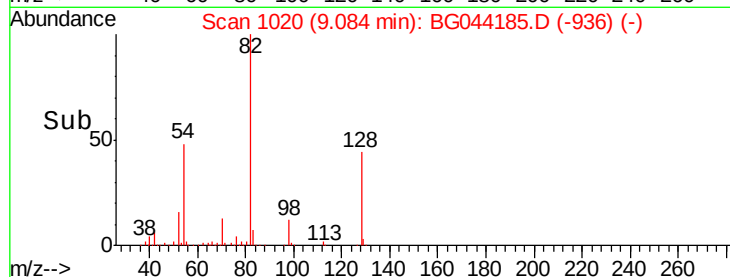
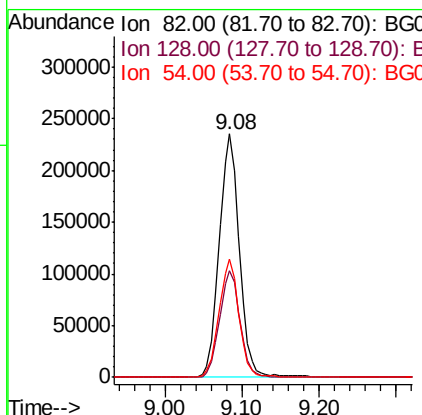
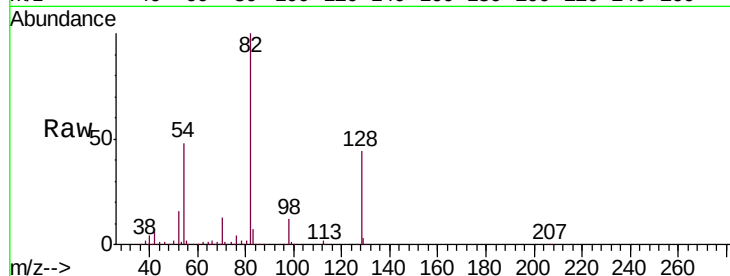




#23
 Nitrobenzene-d5
 Concen: 67.232 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044185.D
 Acq: 24 Jan 2020 17:07

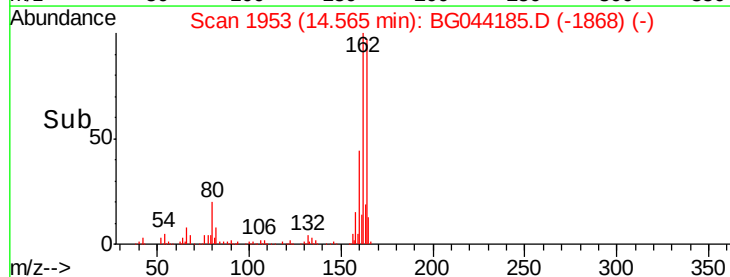
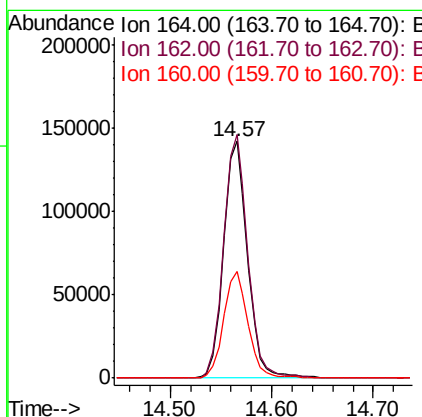
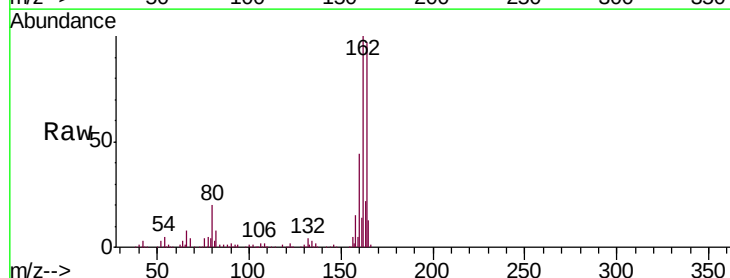
Instrument :
 BNA_G
 ClientSampleId :
 SP-2

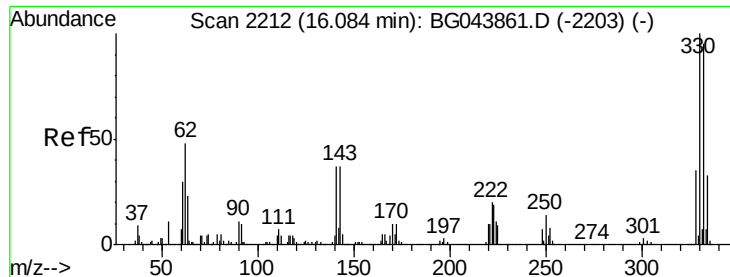
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.1	52.7
54	48.3	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BG044185.D
 Acq: 24 Jan 2020 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.4
160	44.9	36.1	54.1

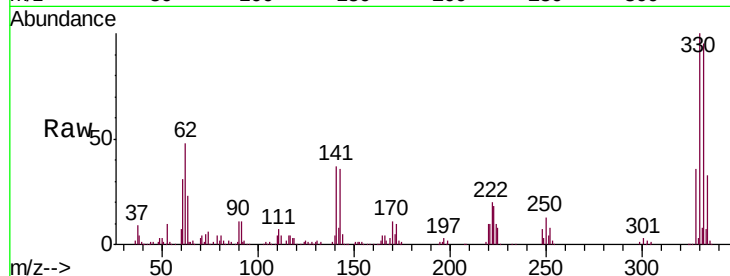




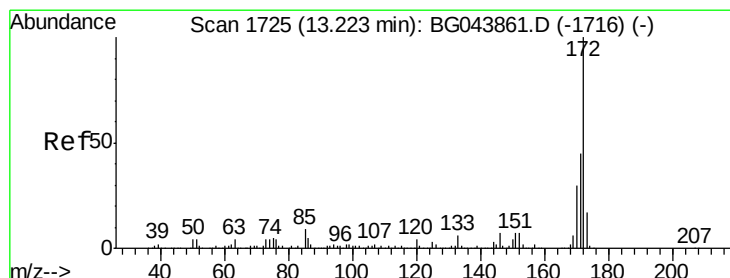
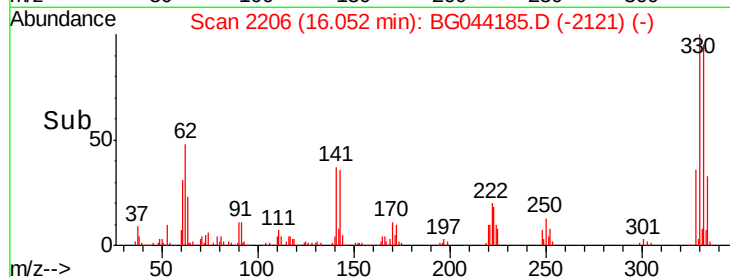
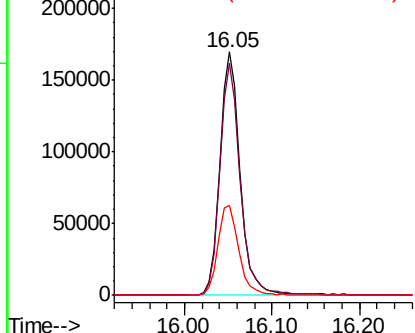
#42
 2,4,6-Tribromophenol
 Concen: 112.124 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.03 min
 Lab File: BG044185.D
 Acq: 24 Jan 2020 17:07

Instrument :
 BNA_G
 ClientSampled :
 SP-2

Tgt Ion:330 Resp: 272432
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 38.5 33.1 49.7

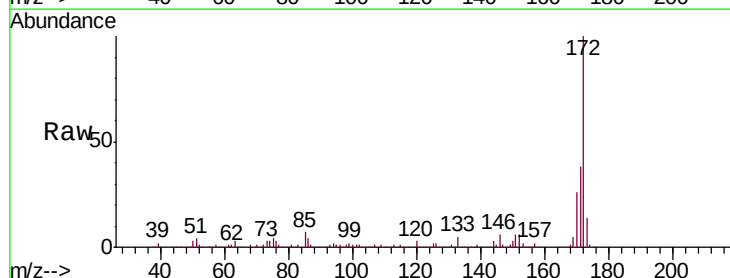


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

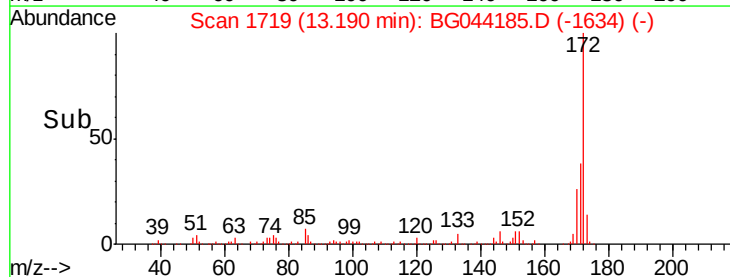
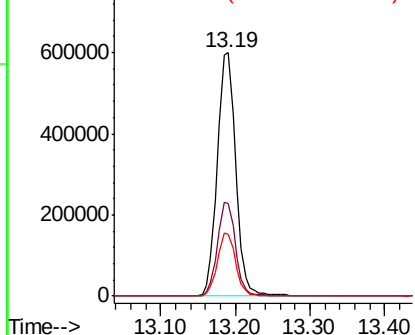


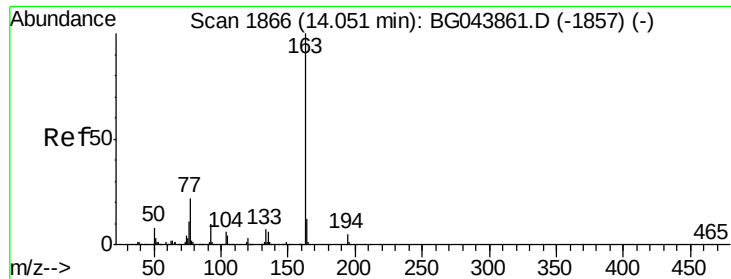
#45
 2-Fluorobiphenyl
 Concen: 80.912 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044185.D
 Acq: 24 Jan 2020 17:07

Tgt Ion:172 Resp: 1036905
 Ion Ratio Lower Upper
 172 100
 171 38.2 35.8 53.8
 170 25.7 24.2 36.4



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: 14.283 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.04 min

Lab File: BG044185.D

Acq: 24 Jan 2020 17:07

Instrument :

BNA_G

ClientSampleId :

SP-2

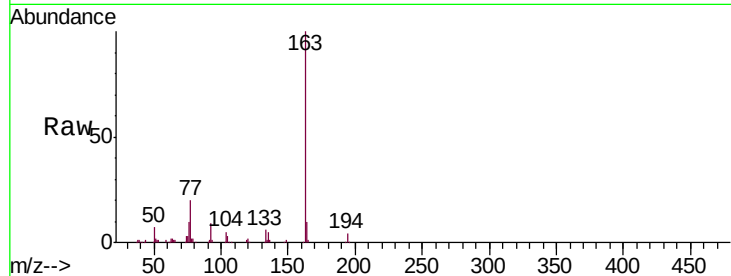
Tgt Ion:163 Resp: 235471

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

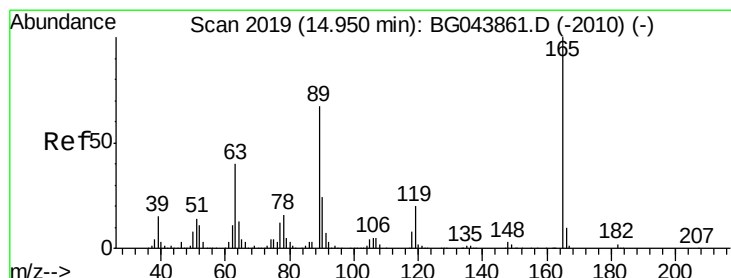
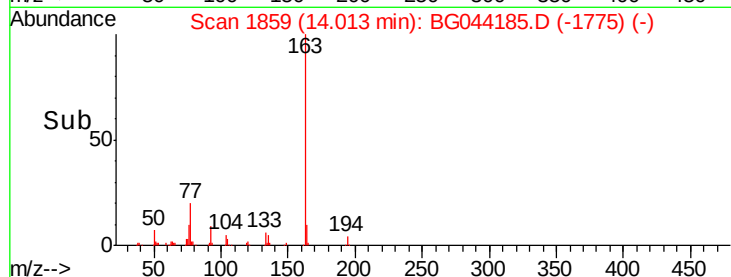
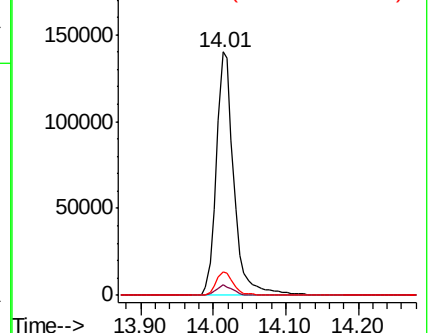
164 9.6 9.3 13.9



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



#57

2,4-Dinitrotoluene

Concen: 6.037 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.39 min

Lab File: BG044185.D

Acq: 24 Jan 2020 17:07

Tgt Ion:165 Resp: 30607

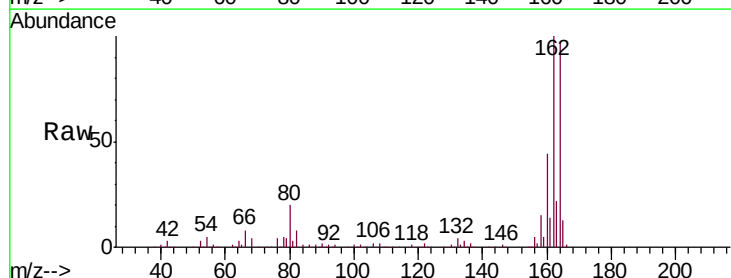
Ion Ratio Lower Upper

165 100

63 1.5 31.9 47.9#

89 1.4 53.8 80.6#

182 0.0 2.0 3.0#

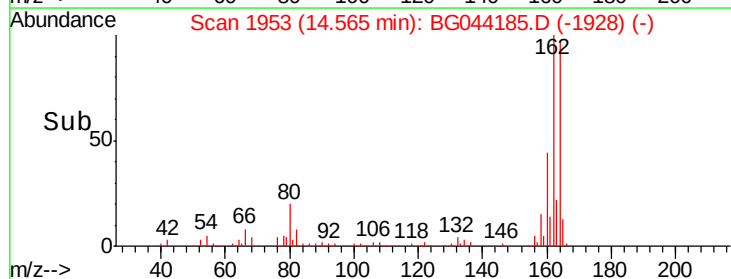
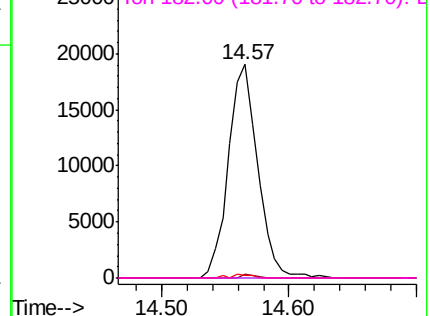


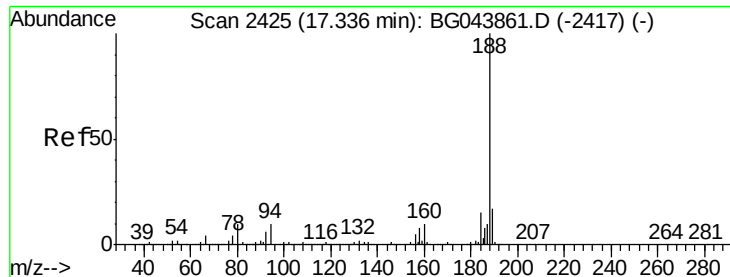
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044185.D

Acq: 24 Jan 2020 17:07

Instrument :

BNA_G

ClientSampleId :

SP-2

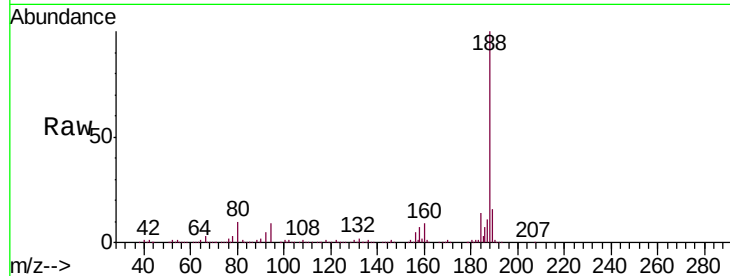
Tgt Ion:188 Resp: 492120

Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

80 9.9 8.2 12.4



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

400000

300000

200000

100000

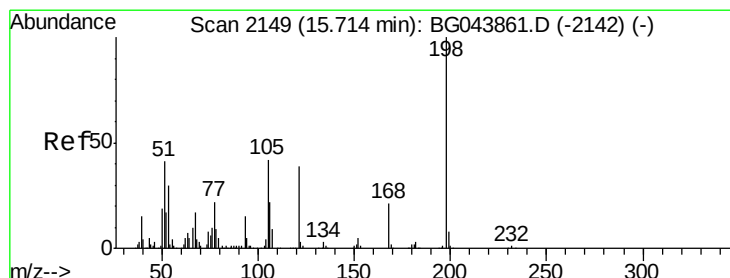
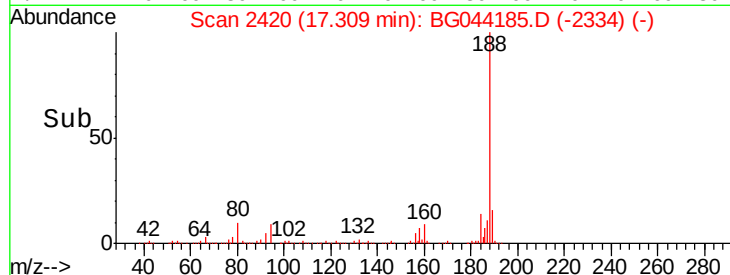
0

17.31

17.30

17.40

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 4.690 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.34 min

Lab File: BG044185.D

Acq: 24 Jan 2020 17:07

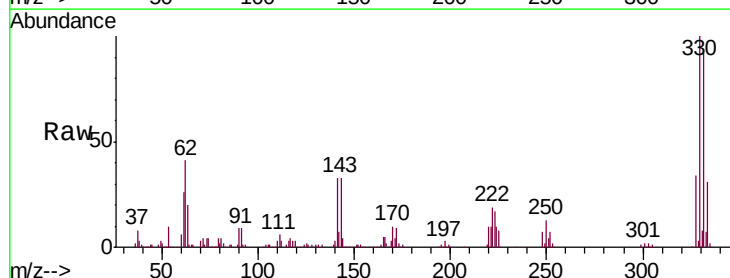
Tgt Ion:198 Resp: 838

Ion Ratio Lower Upper

198 100

51 91.8 22.5 62.5#

105 174.1 22.3 62.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

1000

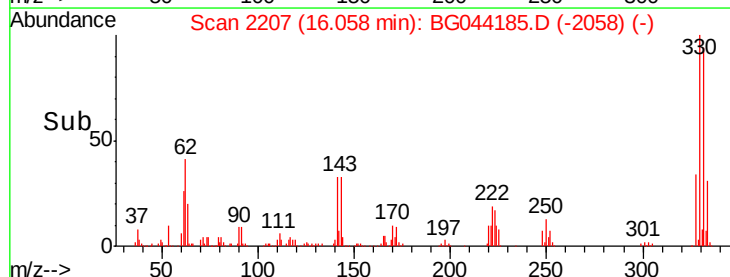
500

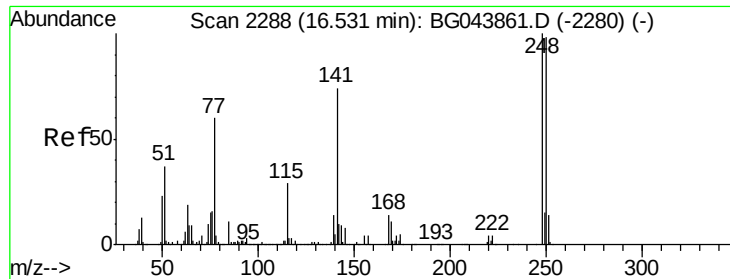
0

16.06

16.05

Time-->

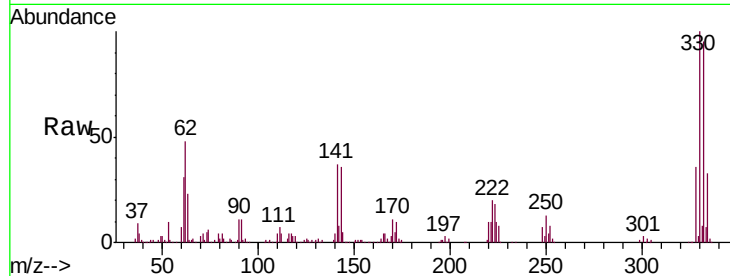




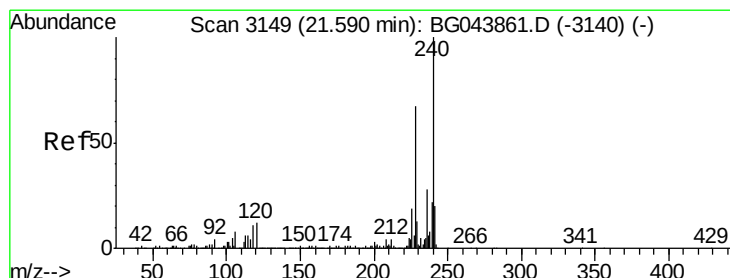
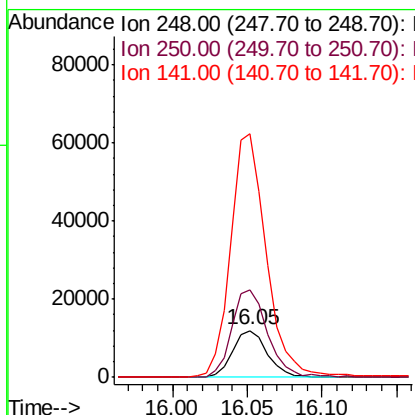
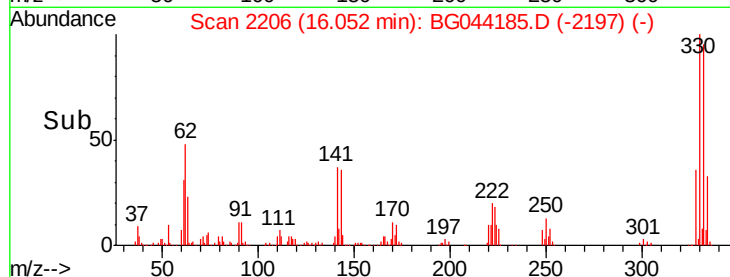
#67
 4-Bromophenyl-phenylether
 Concen: 3.504 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.48 min
 Lab File: BG044185.D
 Acq: 24 Jan 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Tgt Ion:248 Resp: 19395
 Ion Ratio Lower Upper
 248 100
 250 187.8 78.2 117.2#
 141 522.6 59.3 88.9#

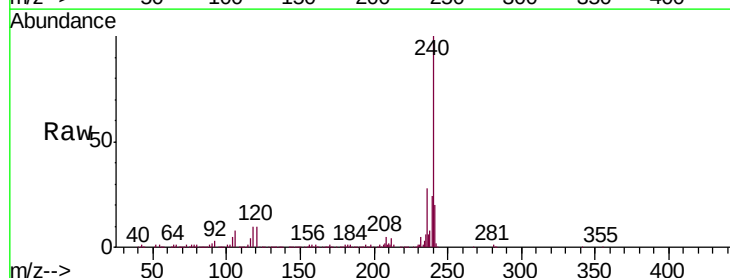


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

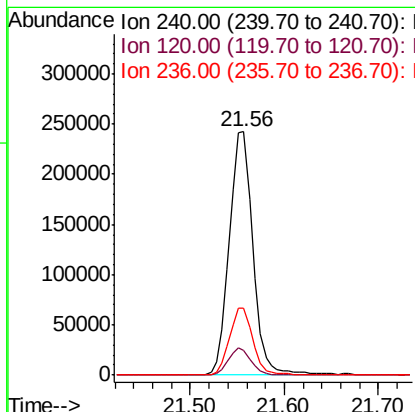
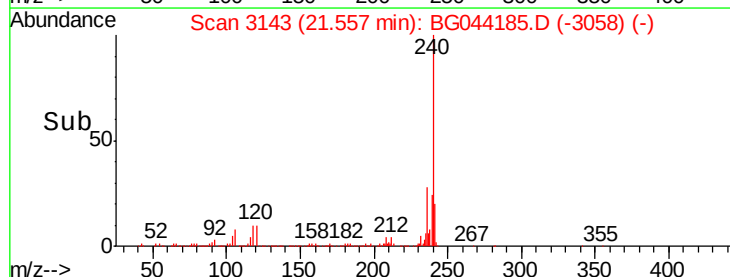


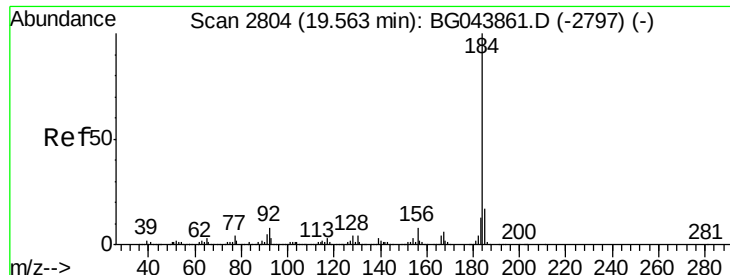
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.03 min
 Lab File: BG044185.D
 Acq: 24 Jan 2020 17:07

Tgt Ion:240 Resp: 424810
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.6 14.4
 236 27.6 22.2 33.2



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: 2.297 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.36 min

Lab File: BG044185.D

Acq: 24 Jan 2020 17:07

Instrument :

BNA_G

ClientSampleId :

SP-2

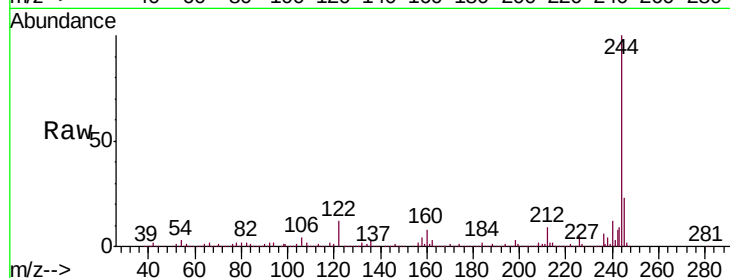
Tgt Ion:184 Resp: 24530

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

183 7.4 10.6 15.8#

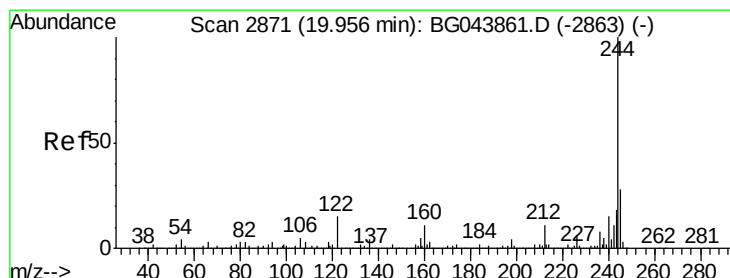
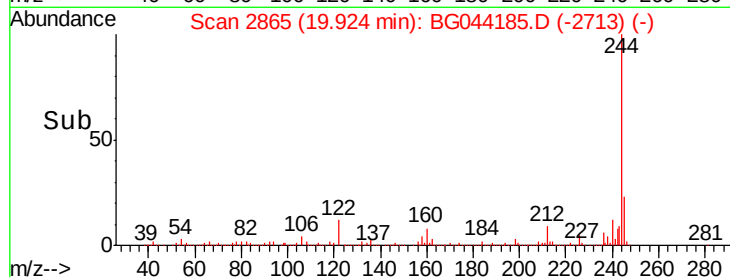
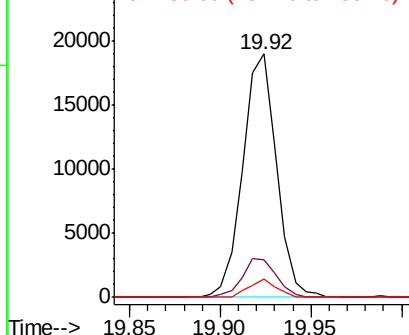


Abundance

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: 83.706 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044185.D

Acq: 24 Jan 2020 17:07

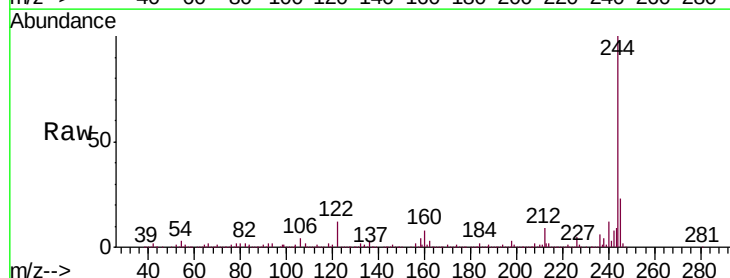
Tgt Ion:244 Resp: 1480811

Ion Ratio Lower Upper

244 100

212 8.7 8.6 13.0

122 11.7 11.9 17.9#

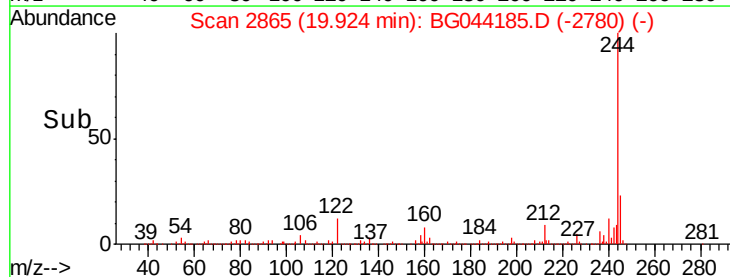
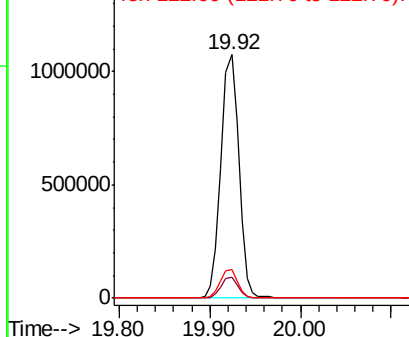


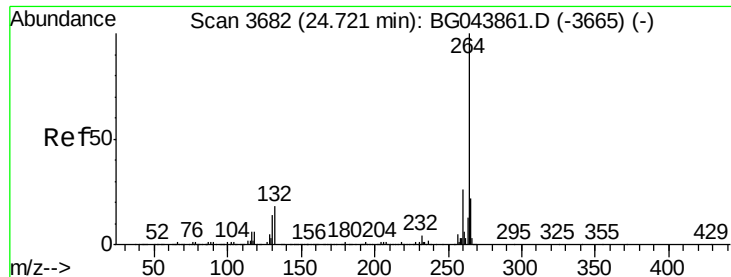
Abundance

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: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.06 min
Lab File: BG044185.D
Acq: 24 Jan 2020 17:07

Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	22.0	17.4	26.2

