

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044286.D
 Acq On : 4 Feb 2020 18:36
 Operator : CG/JU
 Sample : L1304-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 04:38:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

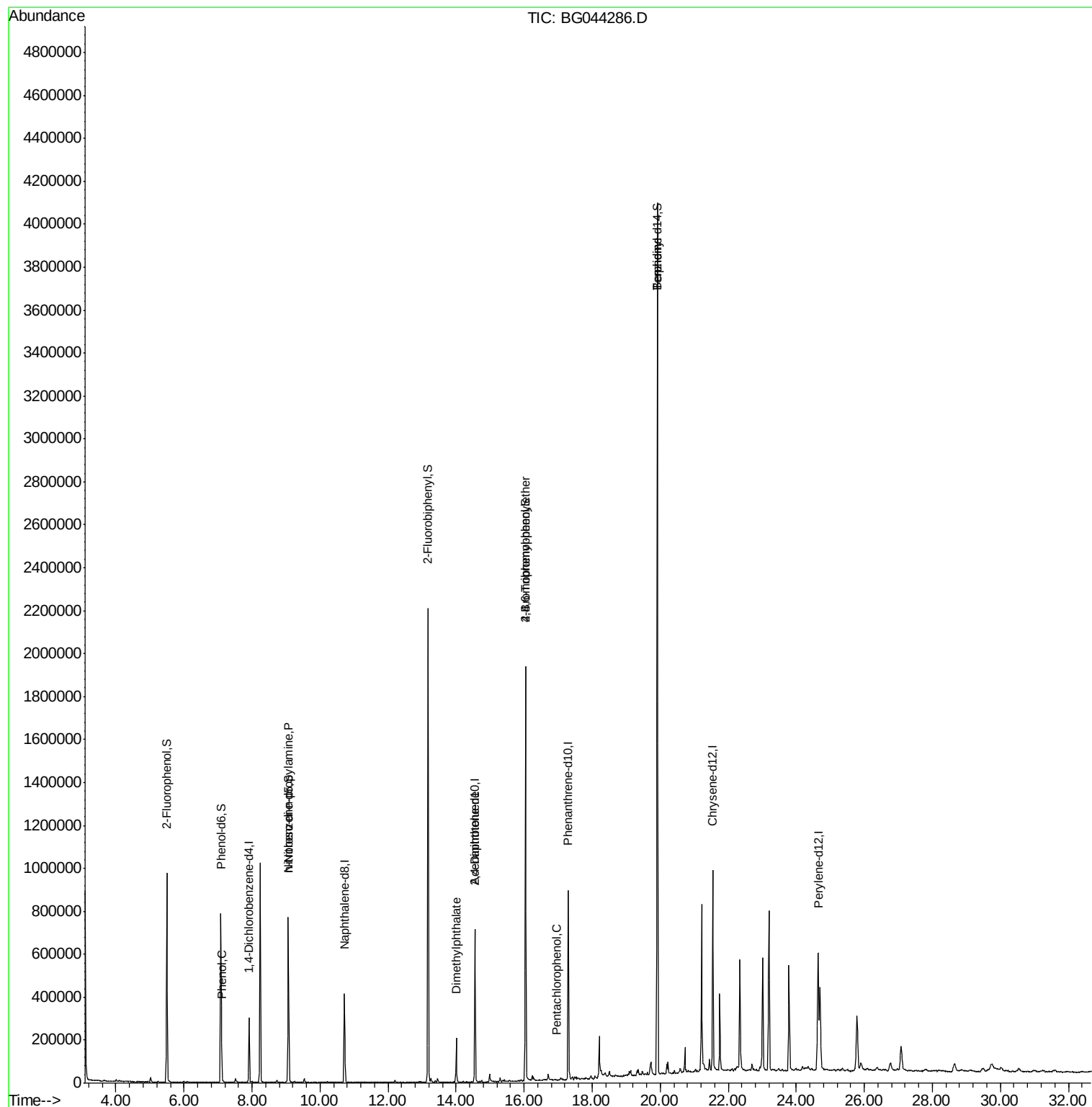
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	91603	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	384683	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	256599	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	570070	20.00	ng	0.00
76) Chrysene-d12	21.54	240	505697	20.00	ng	0.00
87) Perylene-d12	24.64	264	567724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	487427	93.91	ng	0.00
7) Phenol-d6	7.08	99	523100	75.05	ng	0.00
23) Nitrobenzene-d5	9.07	82	503260	73.86	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	365296	121.27	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1191243	77.74	ng	0.00
79) Terphenyl-d14	19.91	244	1832717	74.54	ng	0.00
Target Compounds						
10) Phenol	7.11	94	23259	3.372	ng	92
19) n-Nitroso-di-n-propylamine	9.07	70	66867	14.395	ng	# 75
50) Dimethylphthalate	14.00	163	146225	7.928	ng	# 98
57) 2,4-Dinitrotoluene	14.55	165	34211	5.935	ng	# 28
67) 4-Bromophenyl-phenylether	16.04	248	25742	4.145	ng	# 1
70) Pentachlorophenol	16.95	266	64	3.160	ng	# 19
77) Benzidine	19.91	184	31137	2.220	ng	# 91

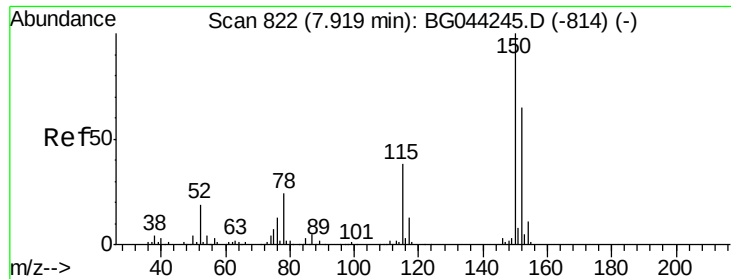
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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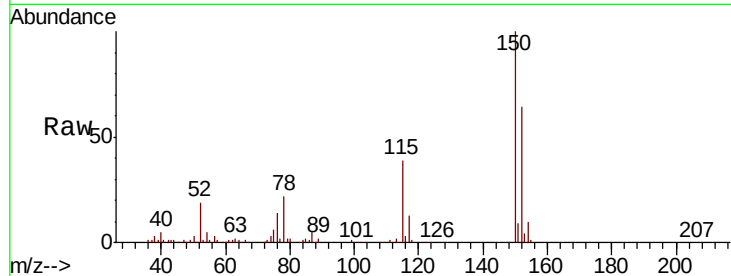


#1

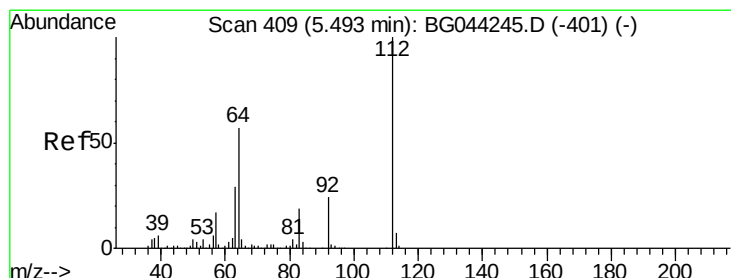
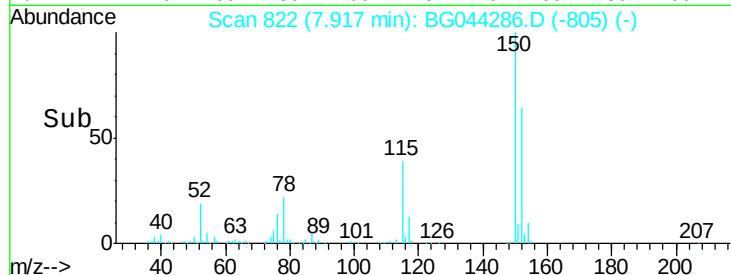
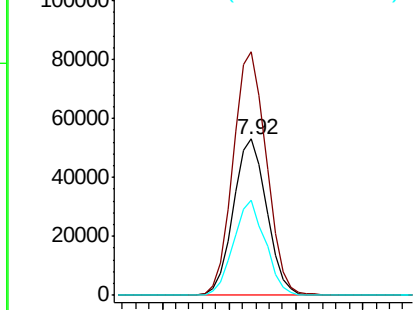
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044286.D
Acq: 4 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.6	183.8
115	60.7	46.0	69.0



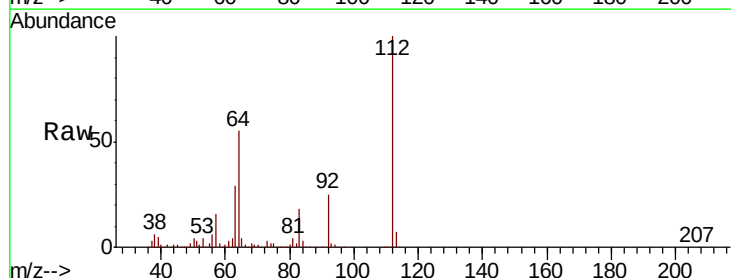
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



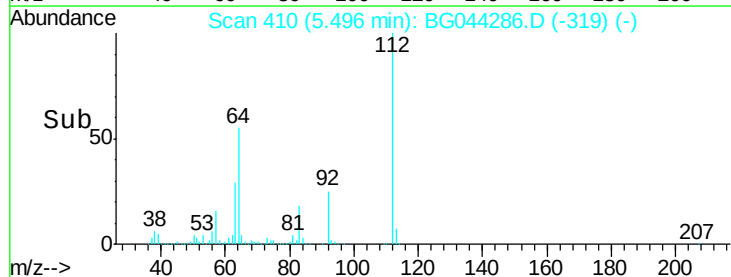
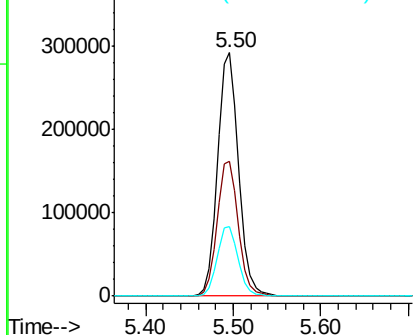
#5

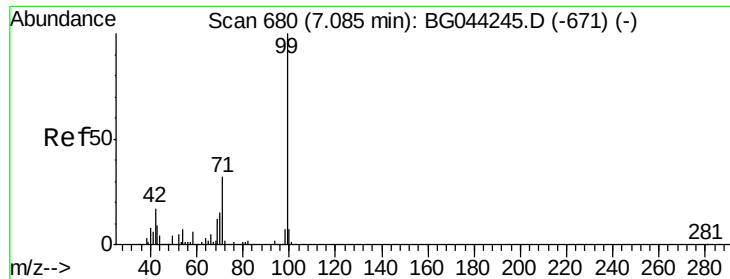
2-Fluorophenol
Concen: 93.909 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044286.D
Acq: 4 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.4	68.2
63	28.6	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: 75.050 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

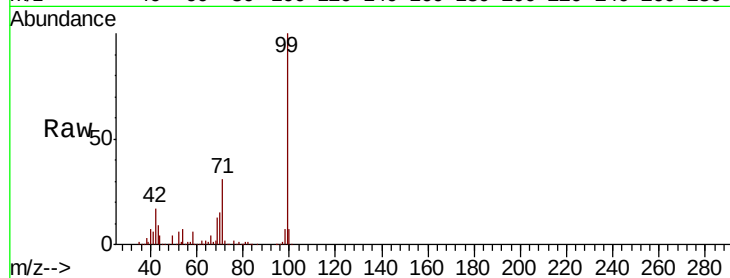
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 523100

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	30.9	25.5	38.3

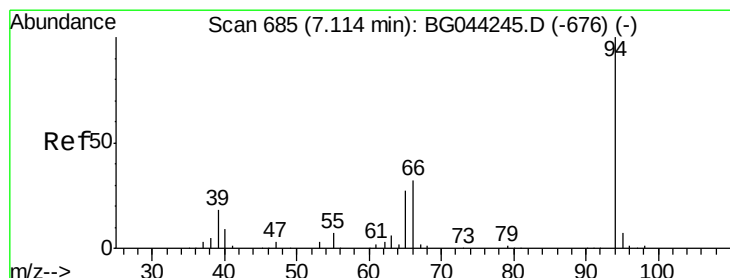
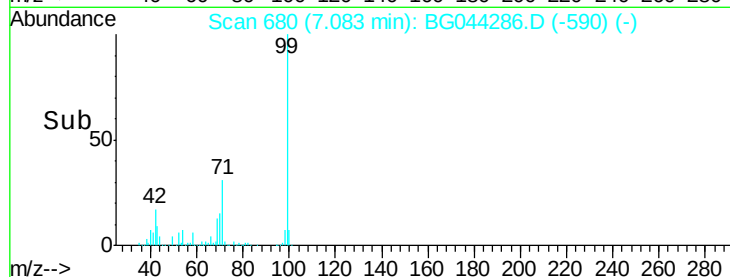


Abundance

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



#10

Phenol

Concen: 3.372 ng

RT: 7.11 min Scan# 685

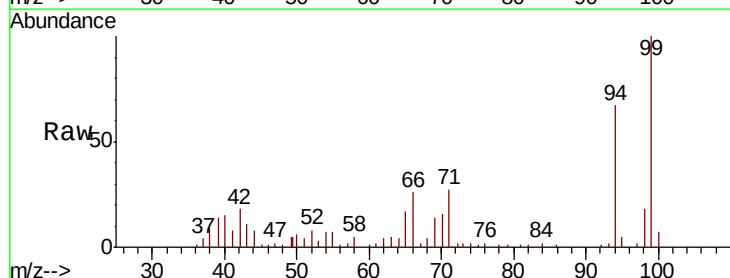
Delta R.T. -0.00 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

Tgt Ion: 94 Resp: 23259

Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.0	47.0
66	39.3	12.7	52.7

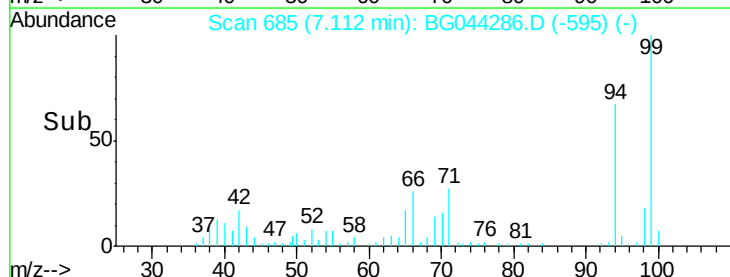


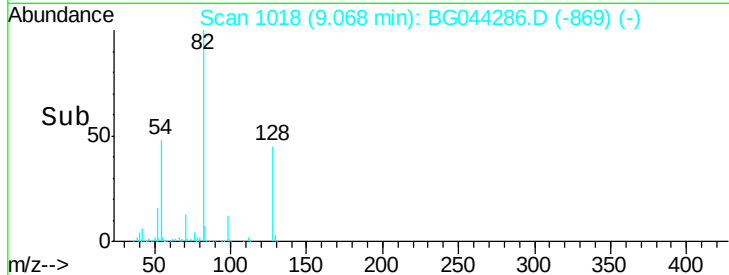
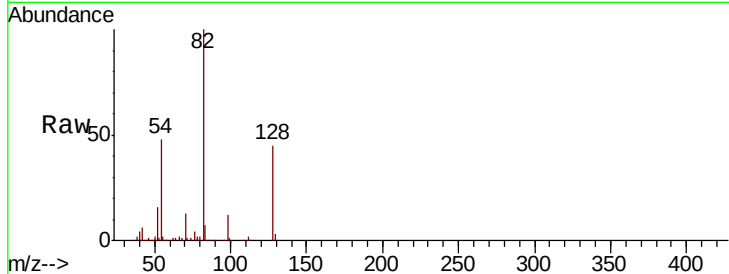
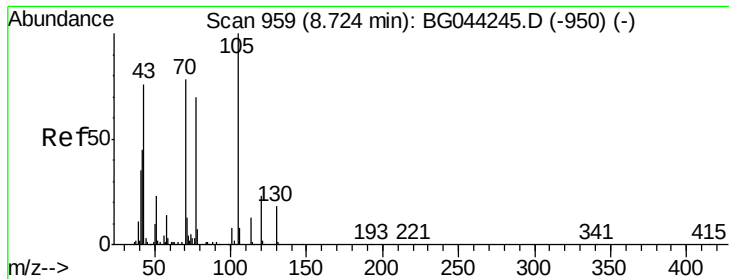
Abundance

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

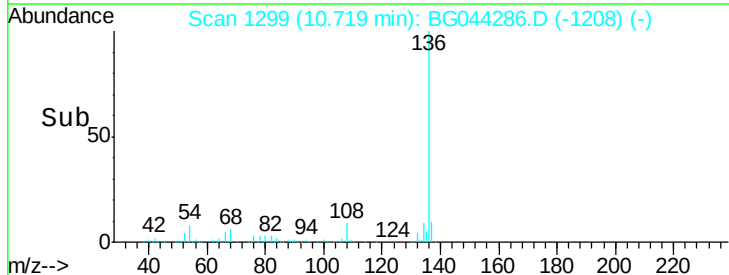
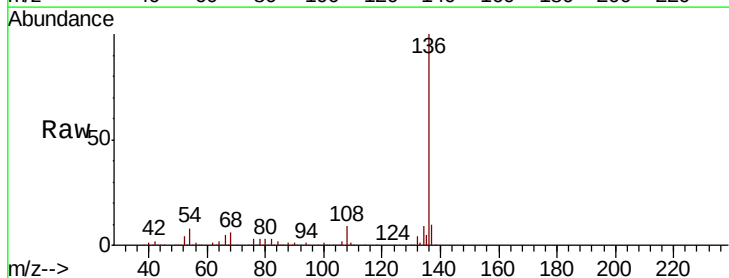
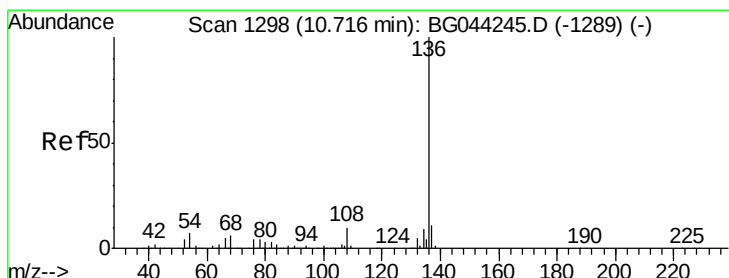
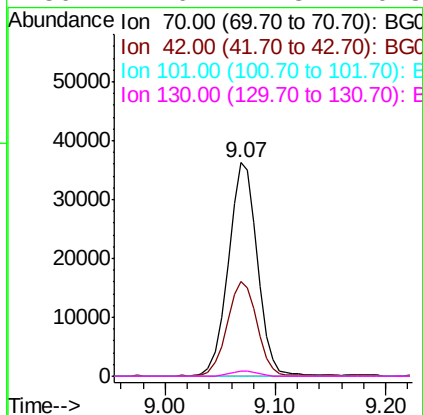




#19
n-Nitroso-di-n-propylamine
Concen: 14.395 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.34 min
Lab File: BG044286.D
Acq: 4 Feb 2020 18:36

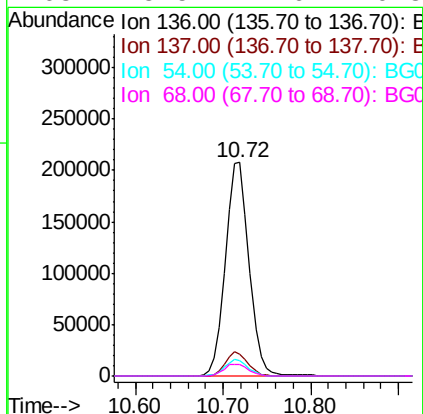
Instrument :
BNA_G
ClientSampled :

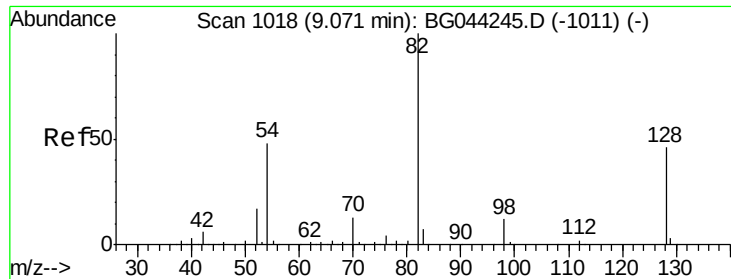
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.6	46.2	69.2#
101	0.0	8.4	12.6#
130	2.6	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044286.D
Acq: 4 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.5	5.8	8.8
68	5.5	4.6	6.8

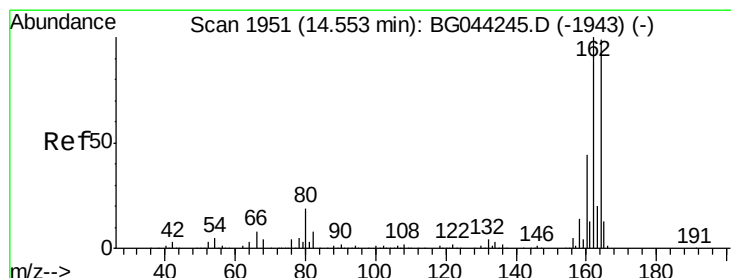
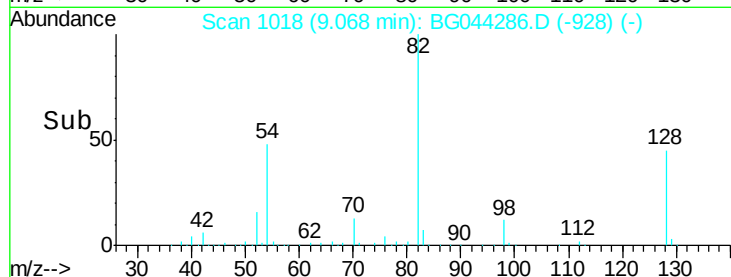
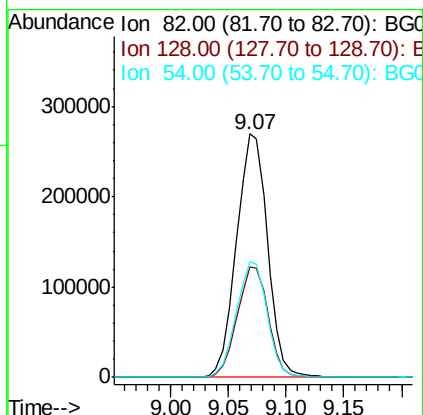
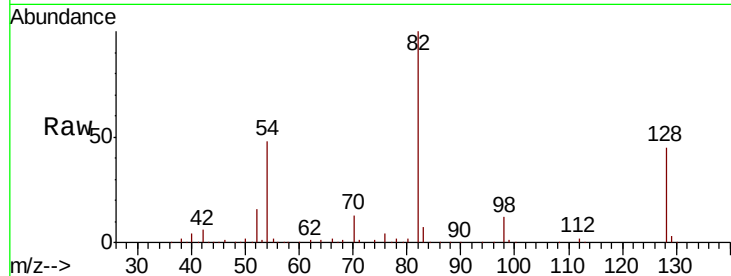




#23
 Nitrobenzene-d5
 Concen: 73.859 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044286.D
 Acq: 4 Feb 2020 18:36

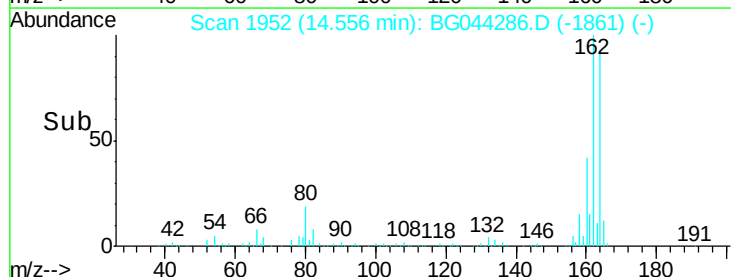
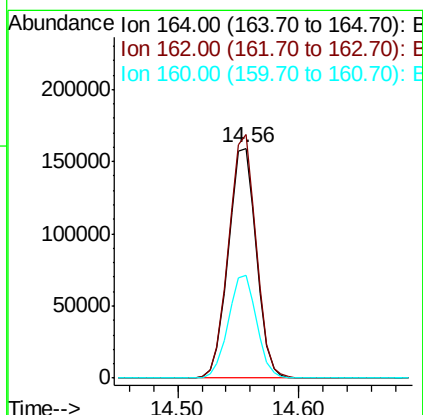
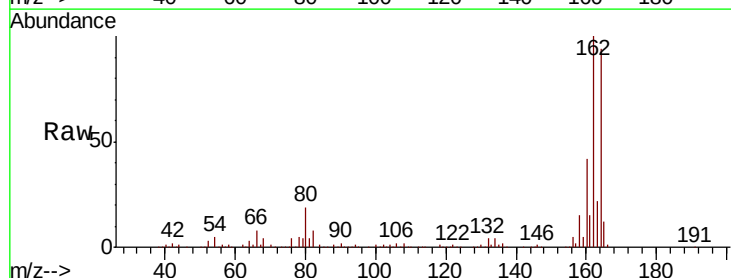
Instrument :
 BNA_G
 ClientSampleId :

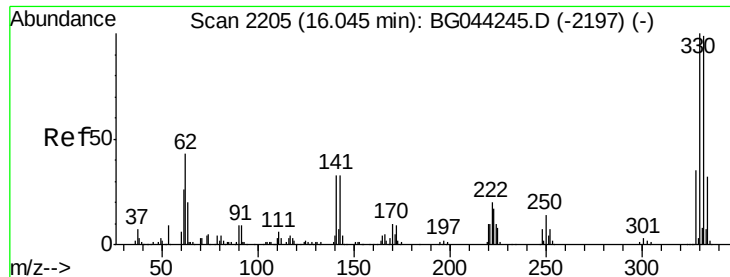
Tot Ion	82	Resp	503260
Ion Ratio	100	Lower	Upper
128	45.5	36.5	54.7
54	47.6	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BG044286.D
 Acq: 4 Feb 2020 18:36

Tgt Ion	164	Resp	256599
Ion Ratio	100	Lower	Upper
162	106.0	80.7	121.1
160	44.9	35.3	52.9

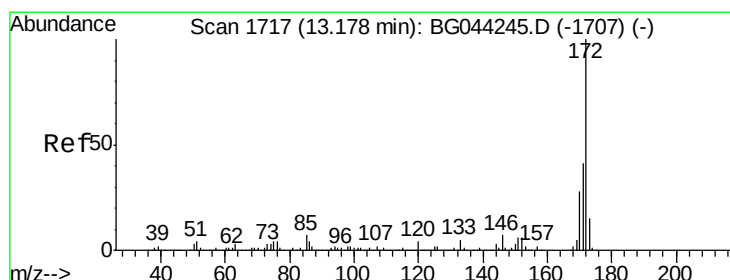
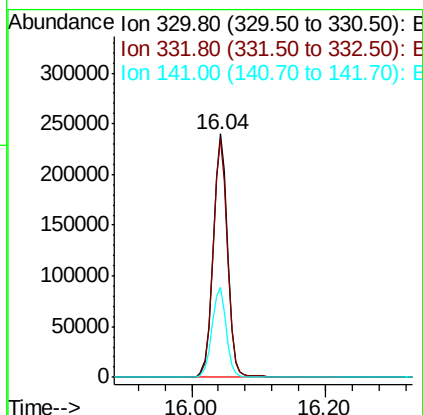
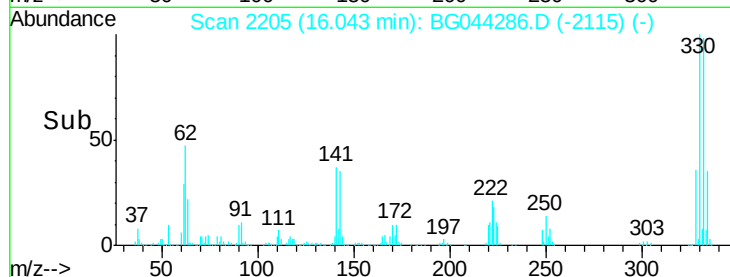
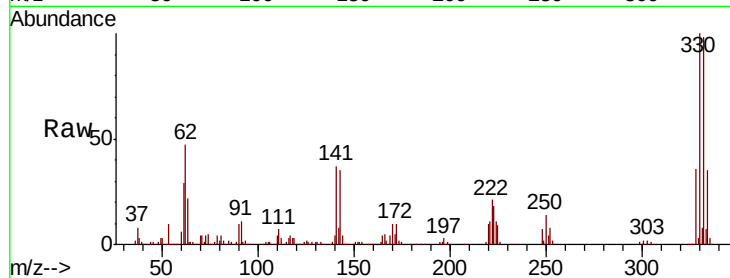




#42
2,4,6-Tribromophenol
Concen: 121.267 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044286.D
Acq: 4 Feb 2020 18:36

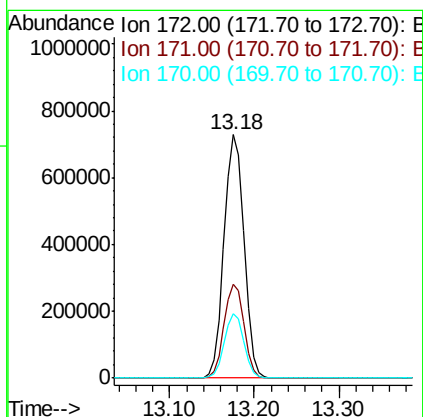
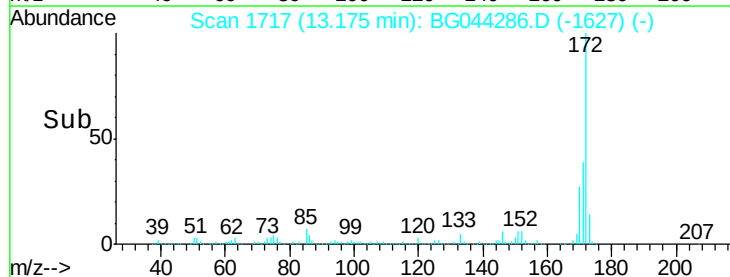
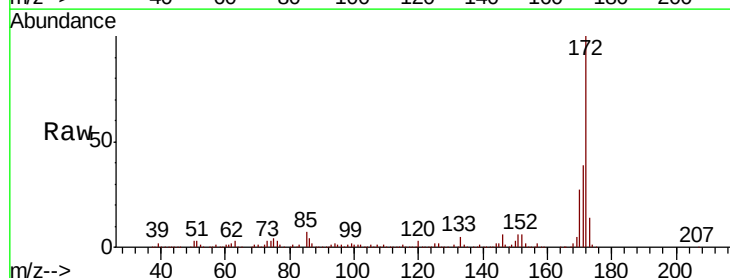
Instrument :
BNA_G
ClientSampled :

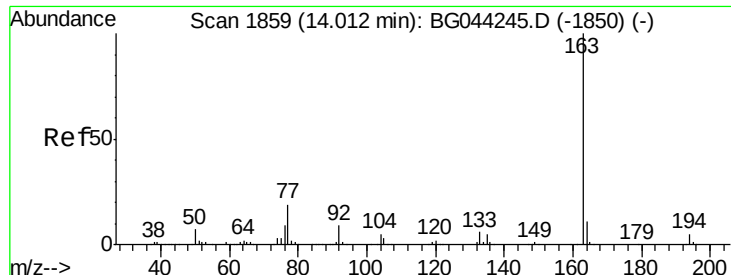
Tot Ion:330 Resp: 365296
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 36.9 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 77.740 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044286.D
Acq: 4 Feb 2020 18:36

Tgt Ion:172 Resp: 1191243
Ion Ratio Lower Upper
172 100
171 38.8 32.9 49.3
170 26.5 22.0 33.0





#50

Dimethylphthalate

Concen: 7.928 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044286.D

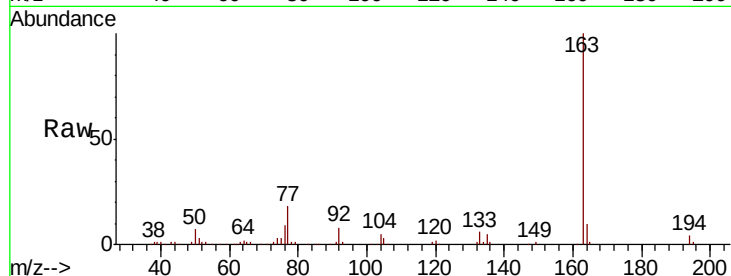
Acq: 4 Feb 2020 18:36

Instrument :

BNA_G

ClientSampled :

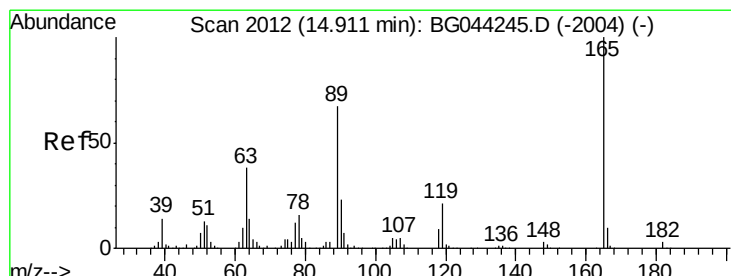
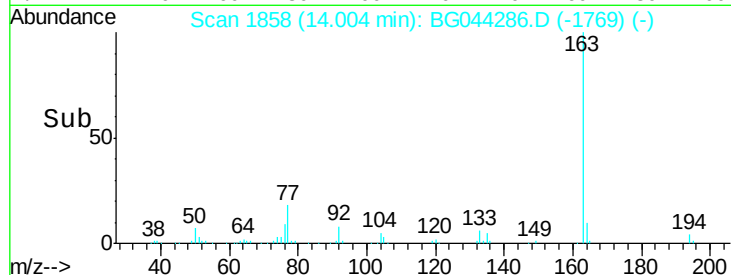
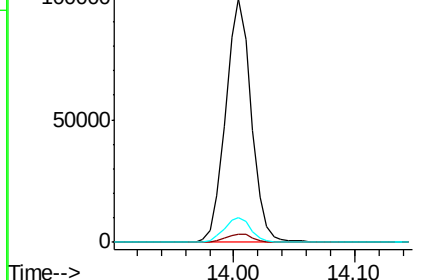
Tot Ion:163	Resp:	146225
Ion Ratio	Lower	Upper
163	100	
194	3.5	3.6 5.4#
164	10.1	8.7 13.1



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



#57

2,4-Dinitrotoluene

Concen: 5.935 ng

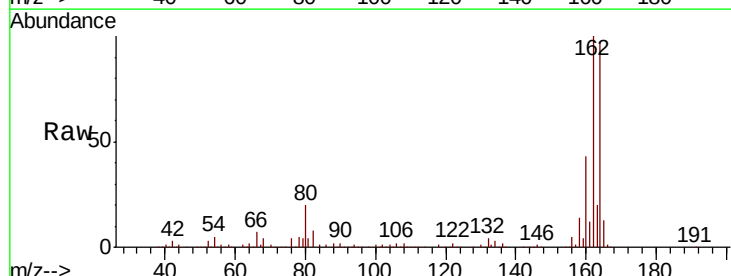
RT: 14.55 min Scan# 1951

Delta R.T. -0.36 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

Tgt Ion:165	Resp:	34211
Ion Ratio	Lower	Upper
165	100	
63	1.5	30.3 45.5#
89	1.8	53.4 80.2#
182	0.0	2.1 3.1#

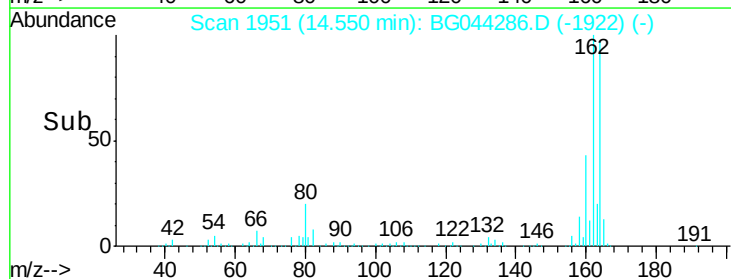
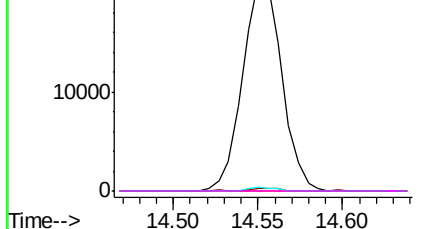


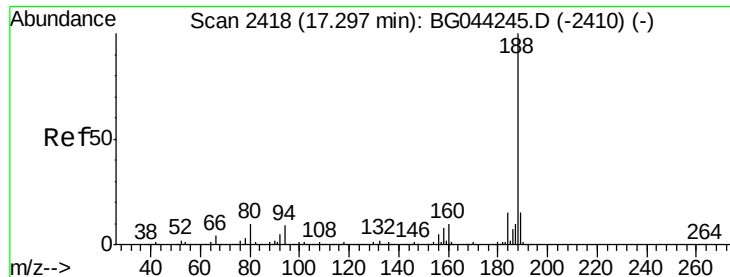
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

Instrument :

BNA_G

ClientSampled :

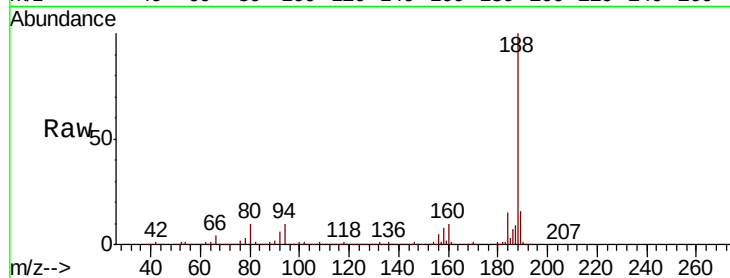
Tot Ion:188 Resp: 570070

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

500000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

400000

300000

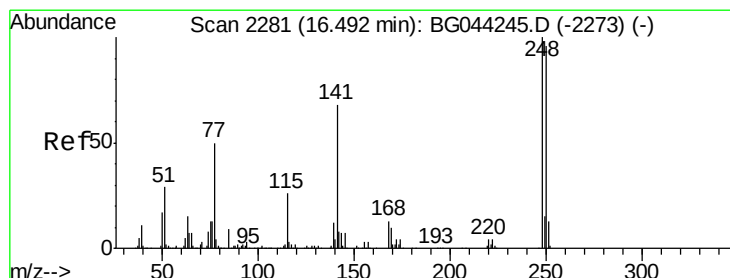
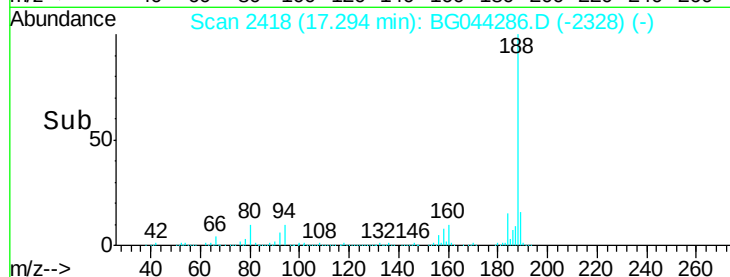
200000

100000

0

17.20 17.30 17.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.145 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

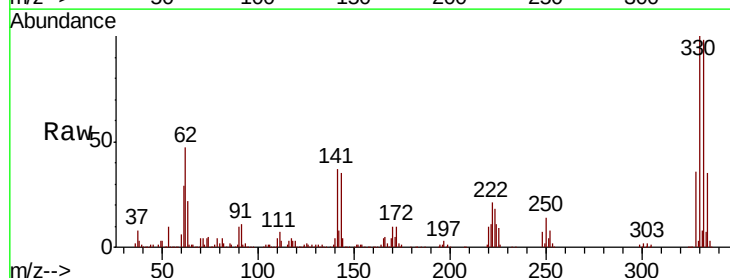
Tgt Ion:248 Resp: 25742

Ion Ratio Lower Upper

248 100

250 187.8 76.6 114.8#

141 497.4 54.7 82.1#



Abundance Ion 248.00 (247.70 to 248.70): E

120000 Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

100000

80000

60000

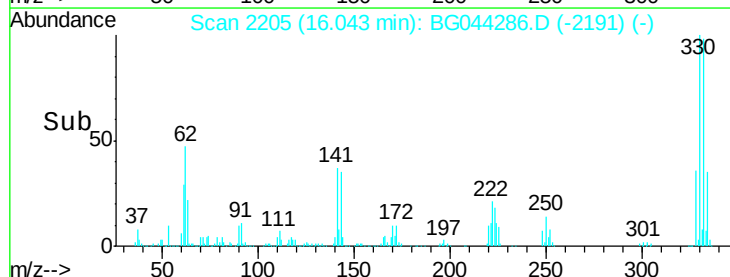
40000

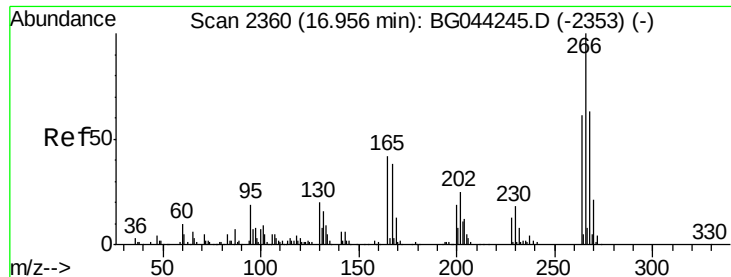
20000

0

16.00 16.05 16.10

Time-->





#70

Pentachlorophenol

Concen: 3.160 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

Instrument :

BNA_G

ClientSampled :

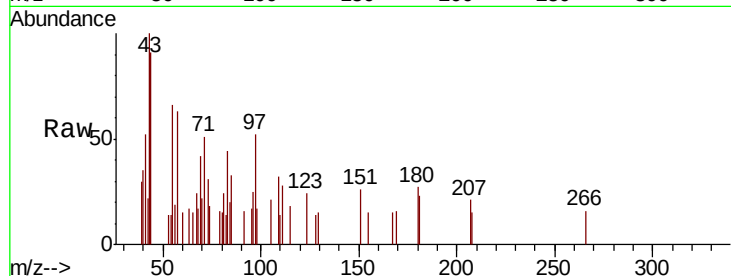
Tot Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

268 0.0 50.6 75.8#

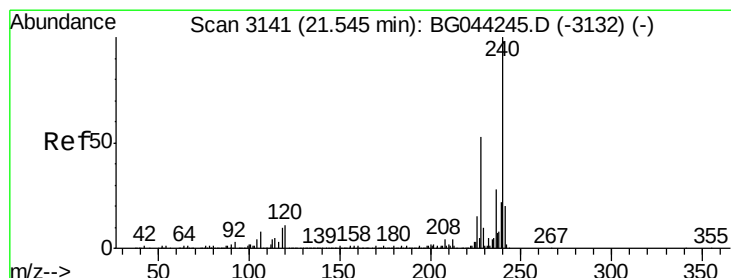
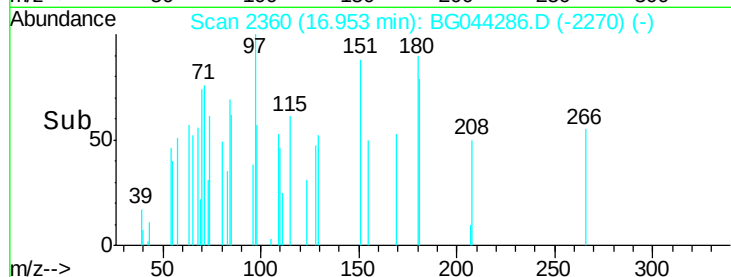
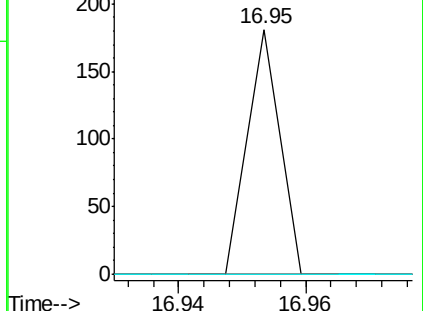
264 0.0 48.7 73.1#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

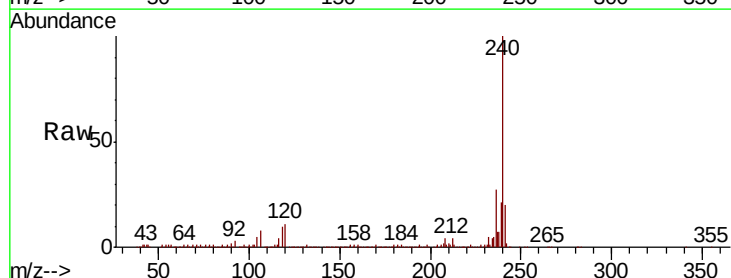
Tgt Ion:240 Resp: 505697

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

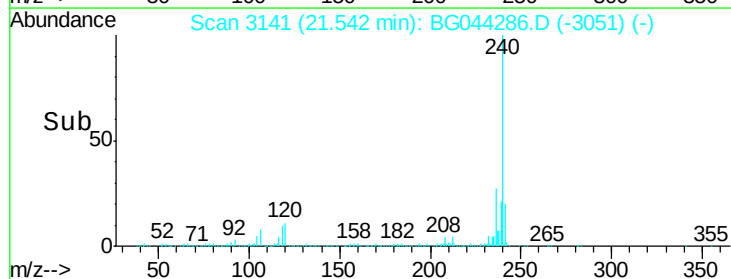
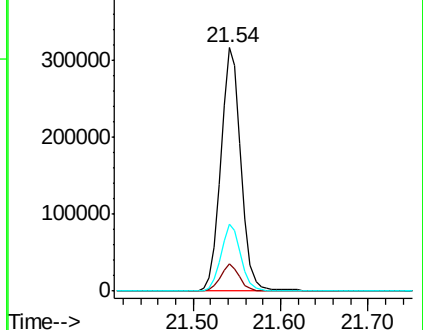
236 27.5 22.1 33.1

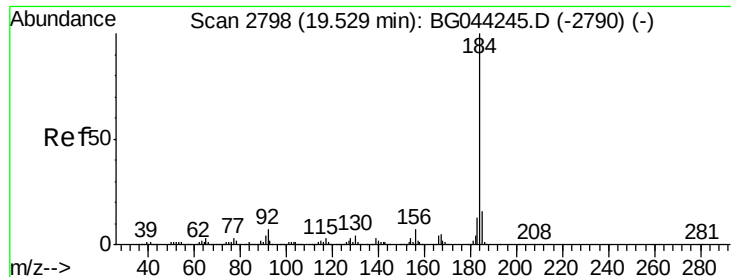


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.220 ng

RT: 19.91 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

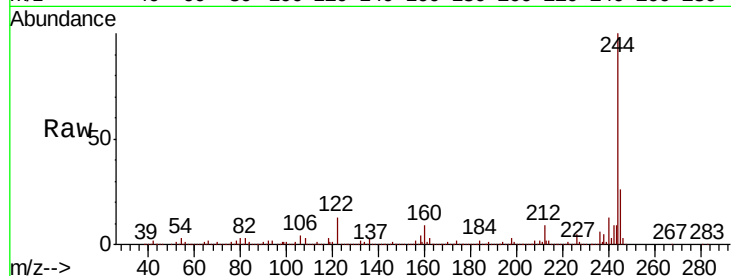
Tot Ion:184 Resp: 31137

Ion Ratio Lower Upper

184 100

185 17.6 12.9 19.3

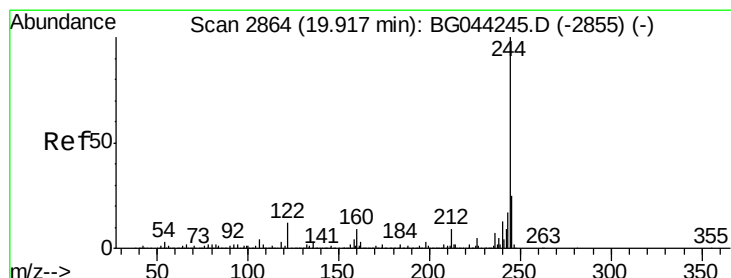
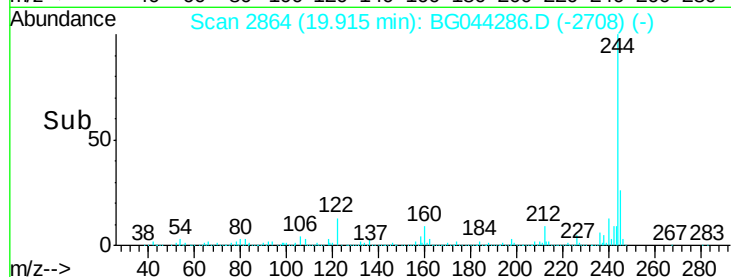
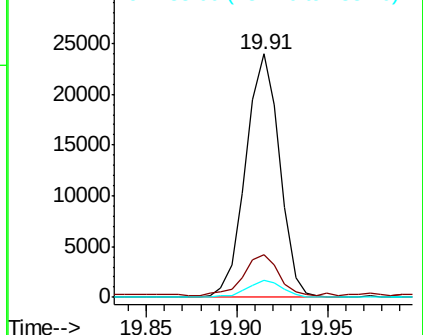
183 7.0 10.8 16.2#



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: 74.544 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044286.D

Acq: 4 Feb 2020 18:36

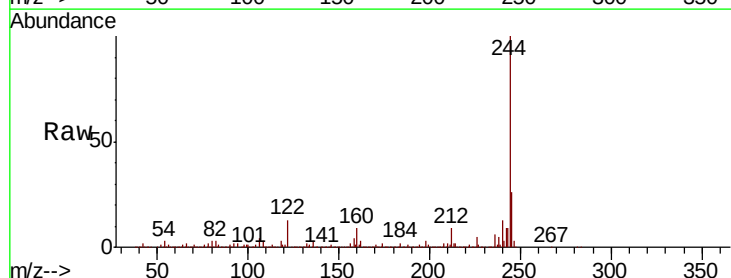
Tgt Ion:244 Resp: 1832717

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.2

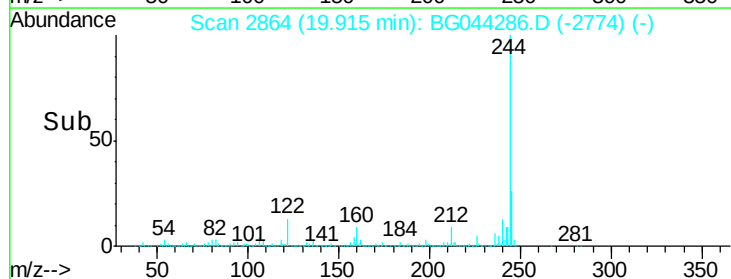
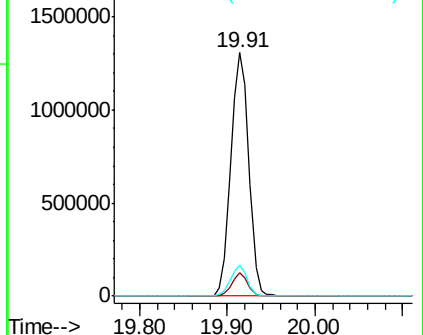
122 13.0 9.8 14.6

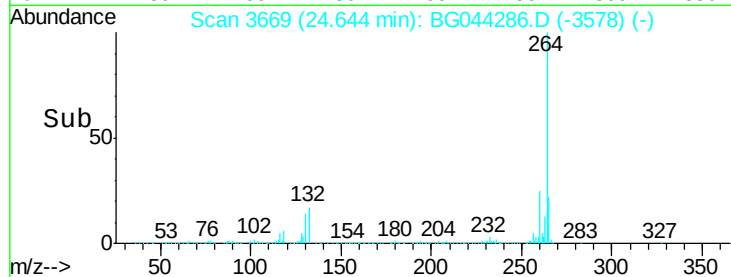
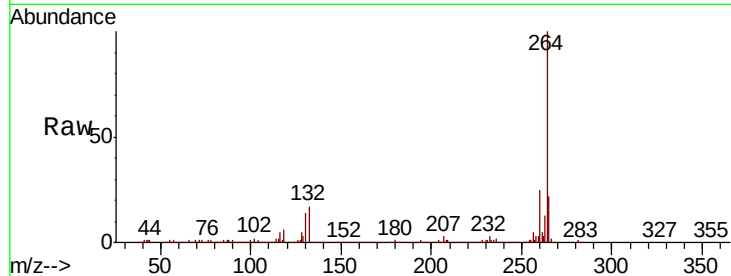
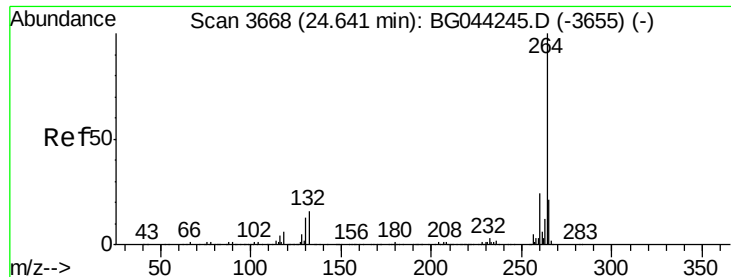


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.64 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044286.D
Acq: 4 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.9	16.7	25.1

