

Data File : BG043930.D
Acq On : 6 Jan 2020 14:05
Operator : JU
Sample : PB125878BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Quant Time: Jan 07 04:45:19 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	7.96	152	124156	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	545527	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	372399	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	807155	20.00	ng	0.00
76) Chrysene-d12	21.58	240	700093	20.00	ng	0.00
87) Perylene-d12	24.71	264	773451	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	546850	80.87	ng	0.00
7) Phenol-d6	7.12	99	507484	53.69	ng	0.00
23) Nitrobenzene-d5	9.12	82	772816	75.78	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	483370	124.03	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1700998	82.76	ng	0.00
79) Terphenyl-d14	19.95	244	2413488	82.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	23029	7.811	ng	# 1
19) n-Nitroso-di-n-propylamine	9.12	70	101791	14.461	ng	# 79
51) 2,6-Dinitrotoluene	14.59	165	48750	8.157	ng	# 27
57) 2,4-Dinitrotoluene	14.59	165	48750	5.995	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.08	198	1590	4.737	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	33860	3.730	ng	# 1
77) Benzidine	19.95	184	49221	2.797	ng	# 91

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

Data File : BG043930.D

Acq On : 6 Jan 2020 14:05

Operator : JU

Sample : PB125878BL

Misc :

ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125878BL

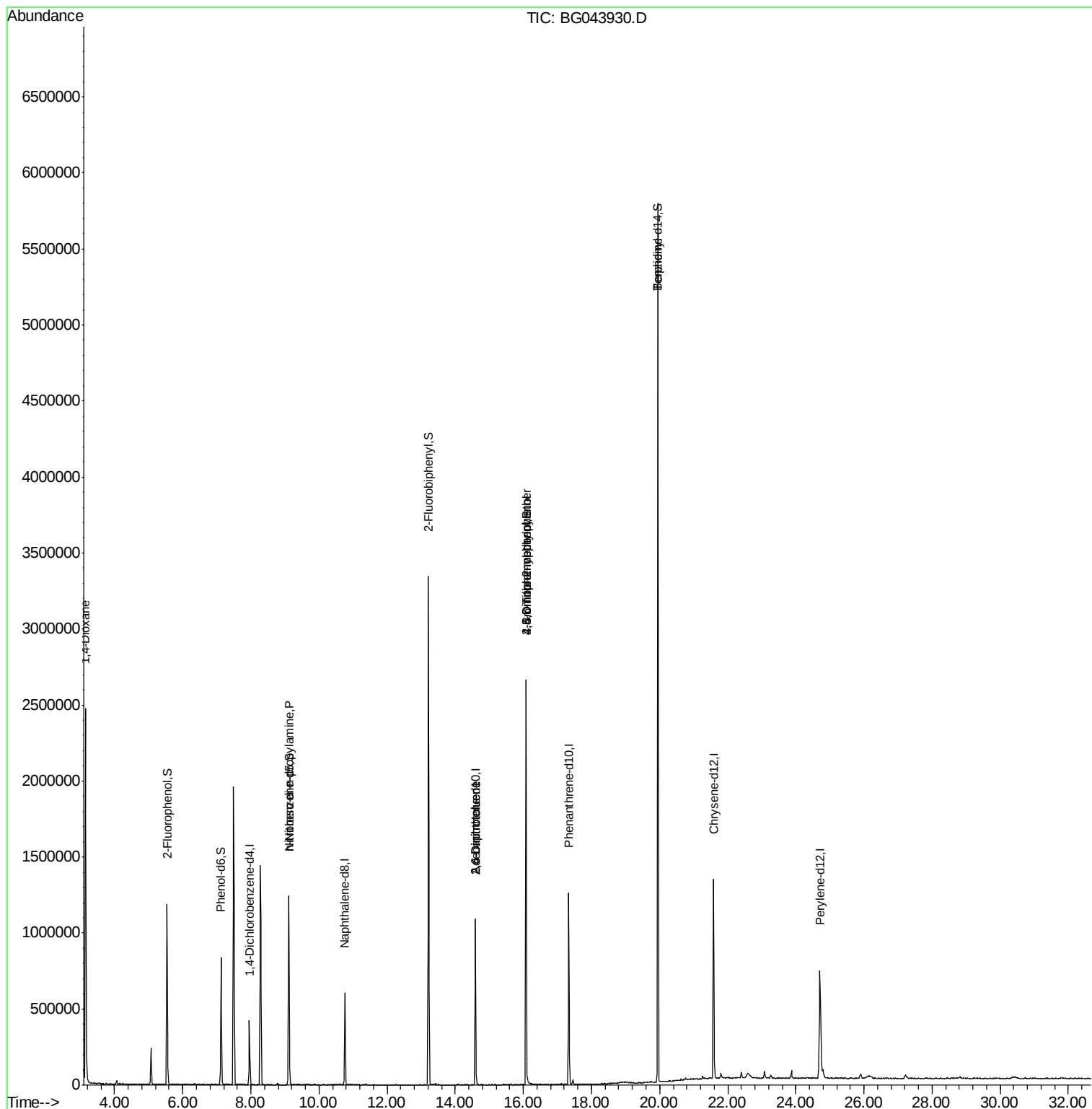
Quant Time: Jan 07 04:45:19 2020

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



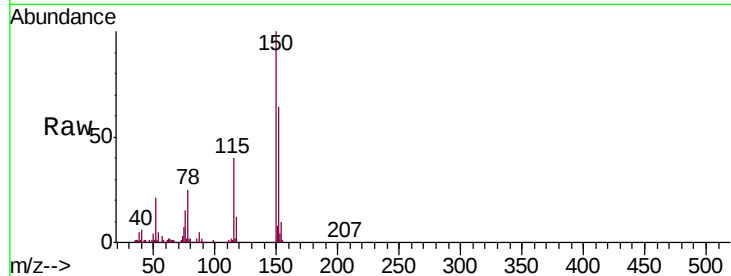


#1

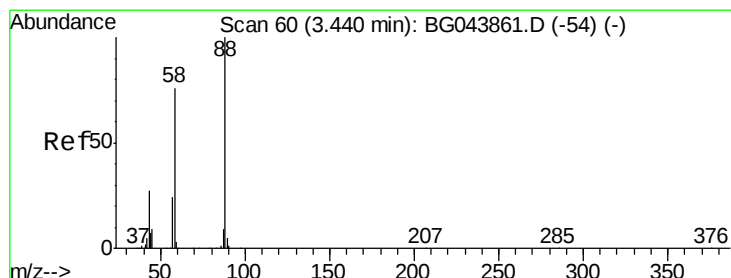
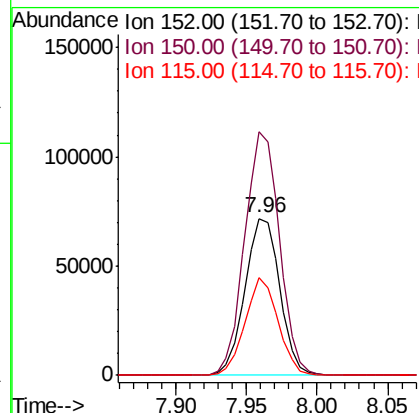
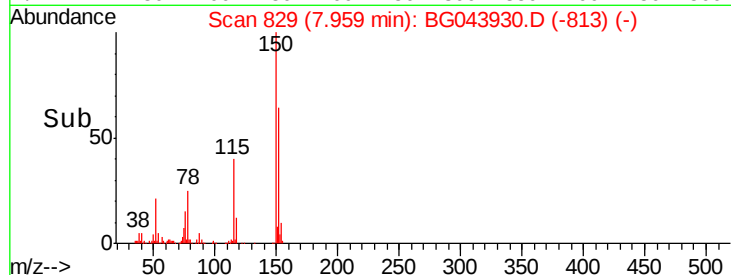
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.0	190.4
115	62.1	47.8	71.8



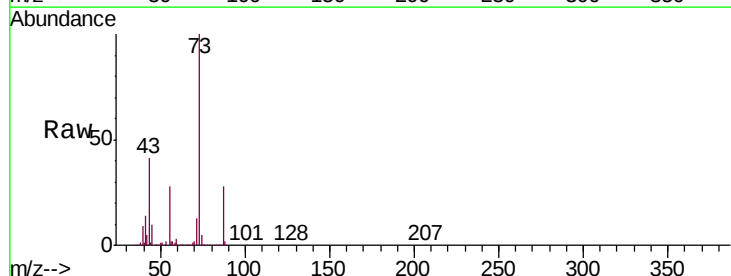
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



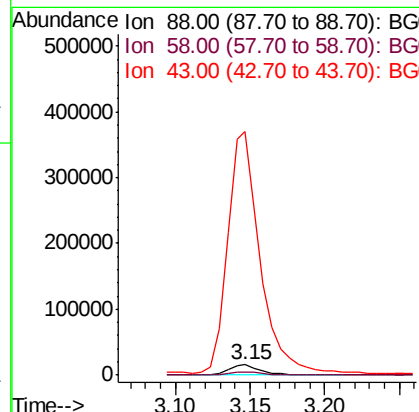
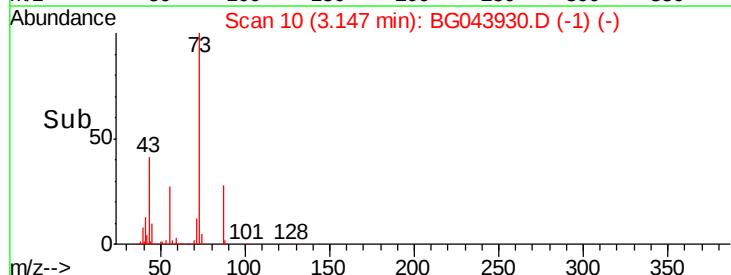
#2

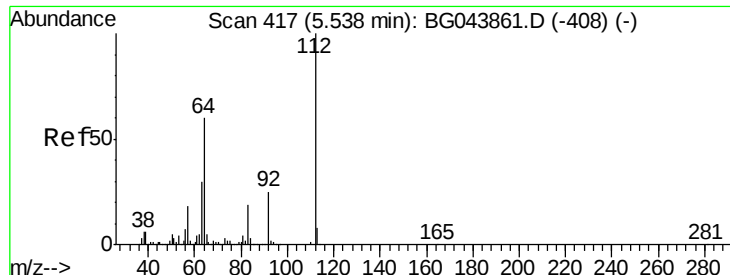
1,4-Dioxane
Concen: 7.811 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.29 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	29.7	59.8	89.8#
43	2462.8	22.9	34.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 80.873 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB125878BL

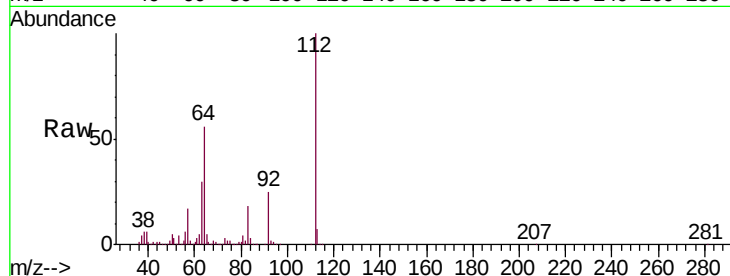
Tgt Ion: 112 Resp: 546850

Ion Ratio Lower Upper

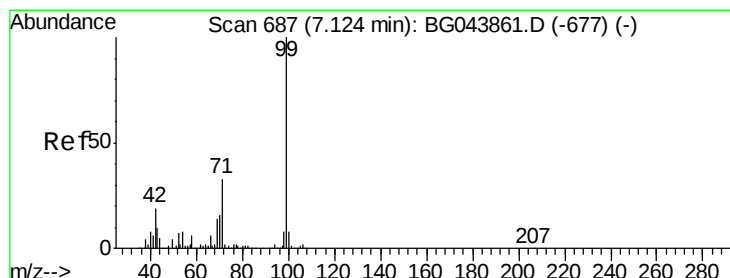
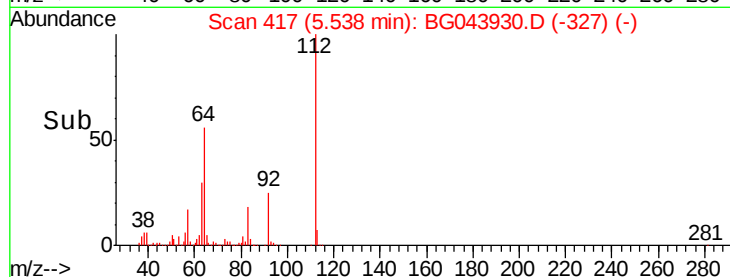
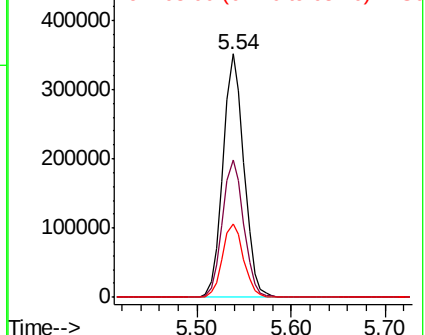
112 100

64 56.5 47.8 71.6

63 30.2 24.3 36.5



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



#7

Phenol-d6

Concen: 53.691 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

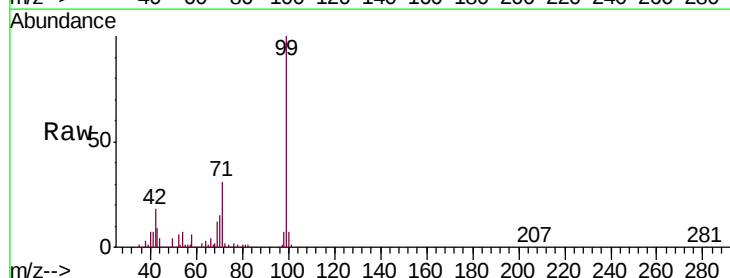
Tgt Ion: 99 Resp: 507484

Ion Ratio Lower Upper

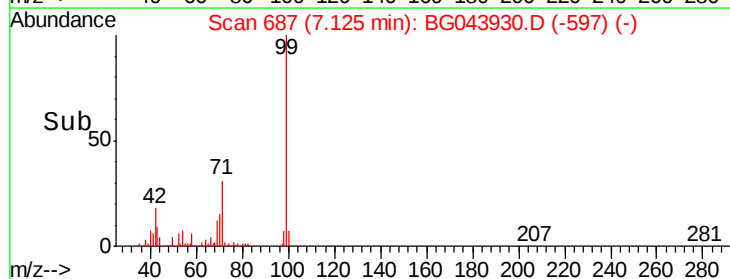
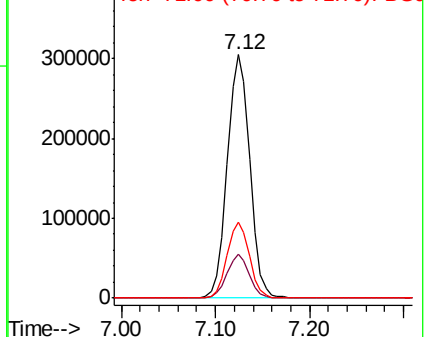
99 100

42 17.9 14.9 22.3

71 31.3 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

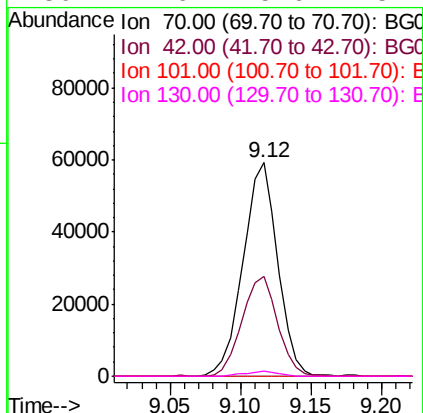
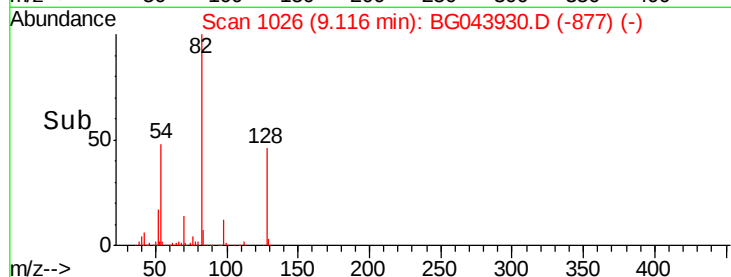
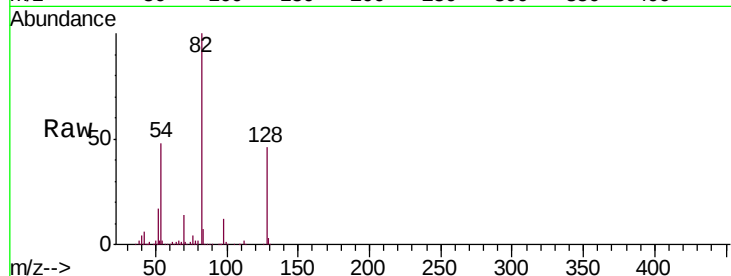




#19
n-Nitroso-di-n-propylamine
Concen: 14.461 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

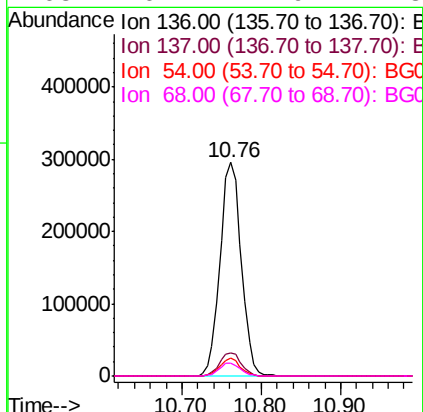
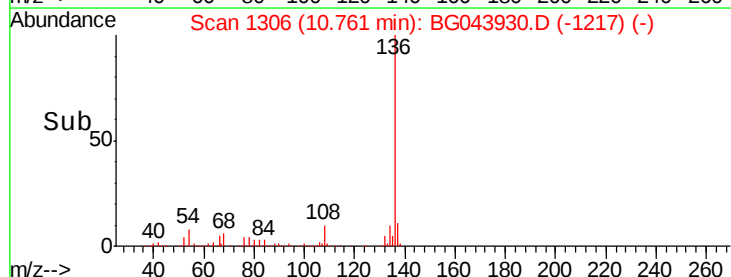
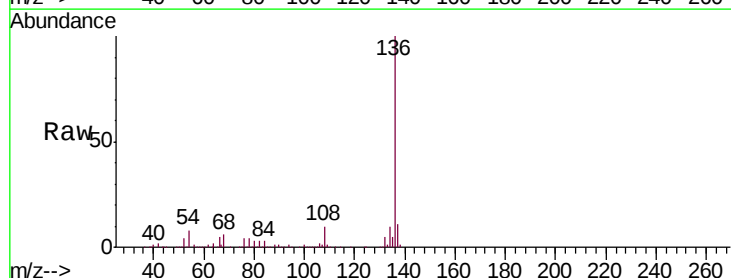
Instrument :
BNA_G
ClientSampleId :
PB125878BL

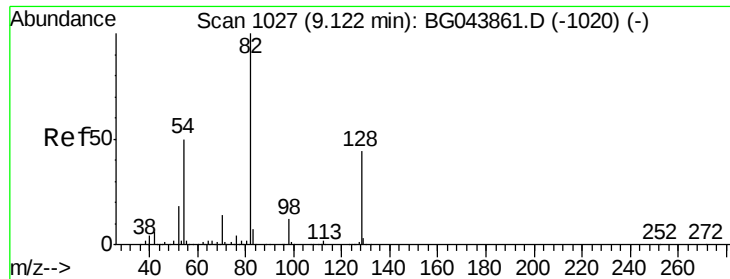
Tgt Ion: 70 Resp: 101791
Ion Ratio Lower Upper
70 100
42 46.9 47.0 70.4#
101 0.0 7.2 10.8#
130 2.6 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion: 136 Resp: 545527
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.0 10.4
68 6.1 4.9 7.3

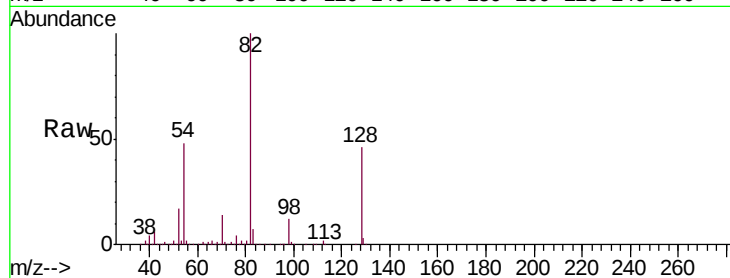




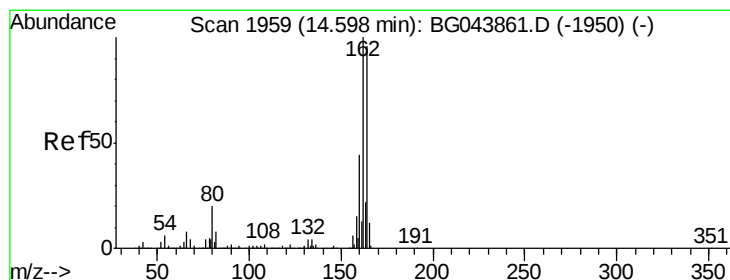
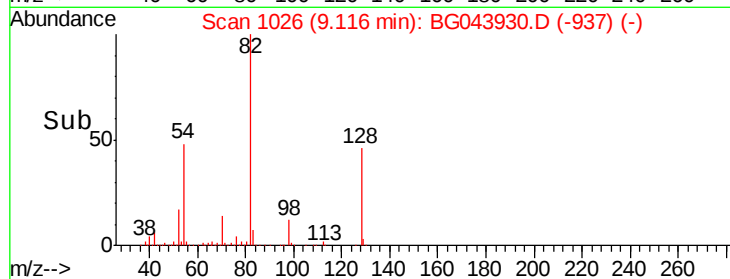
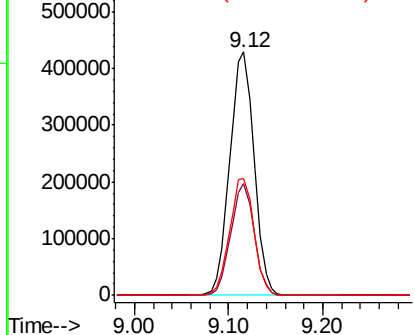
#23
Nitrobenzene-d5
Concen: 75.784 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	48.3	40.1	60.1

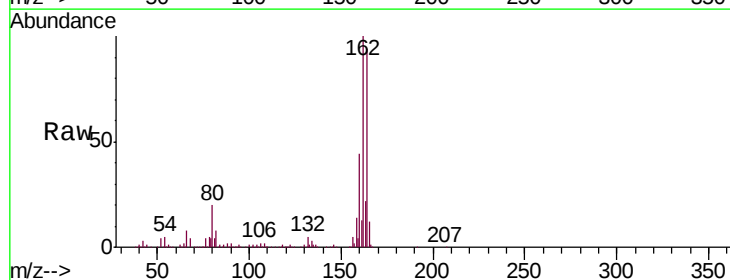


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

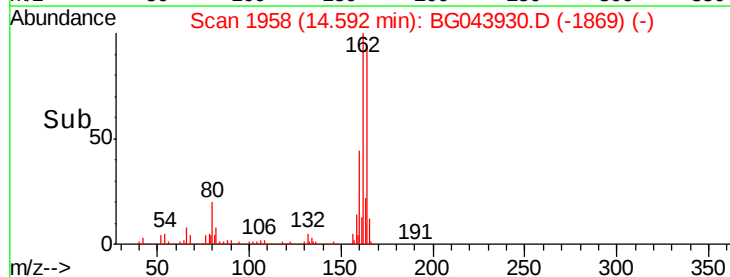
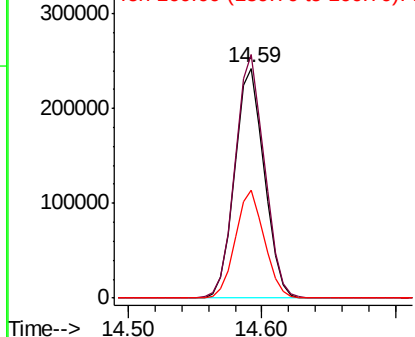


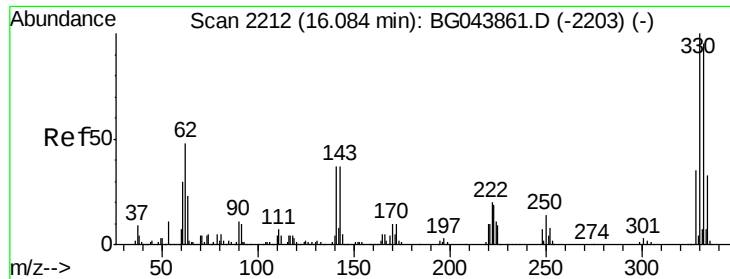
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.0	124.4
160	46.9	36.1	54.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 124.034 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB125878BL

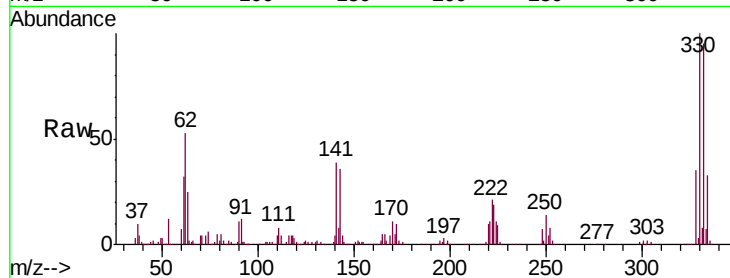
Tgt Ion:330 Resp: 483370

Ion Ratio Lower Upper

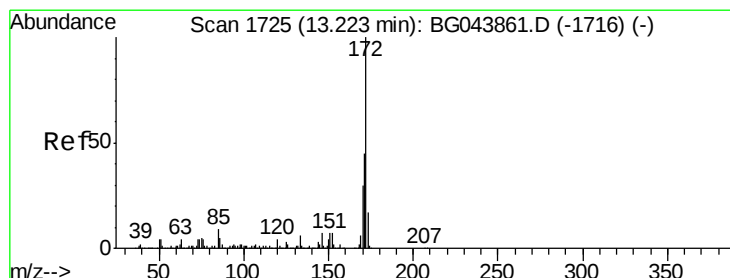
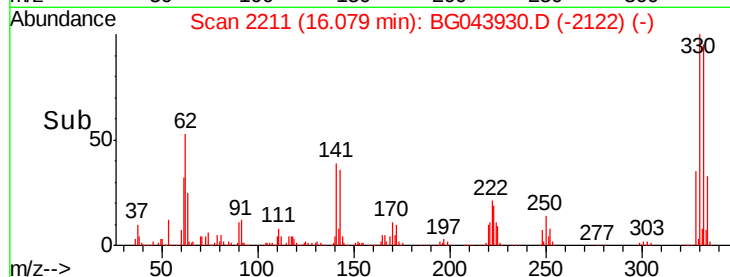
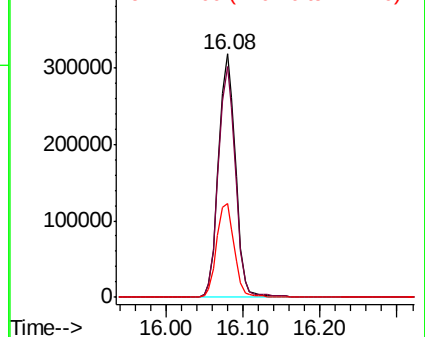
330 100

332 95.5 77.2 115.8

141 39.8 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: 82.756 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

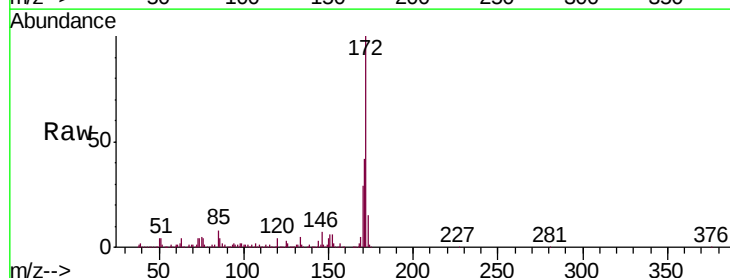
Tgt Ion:172 Resp: 1700998

Ion Ratio Lower Upper

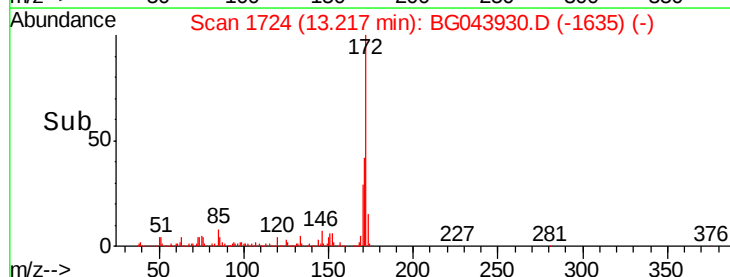
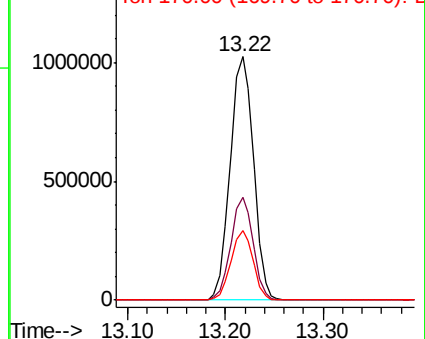
172 100

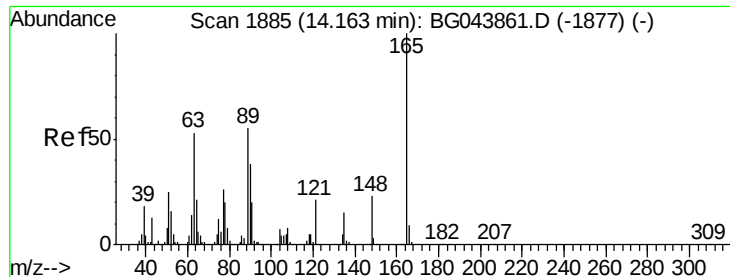
171 42.3 35.8 53.8

170 28.5 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





#51

2,6-Dinitrotoluene

Concen: 8.157 ng

RT: 14.59 min Scan# 1958

Delta R.T. 0.43 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB125878BL

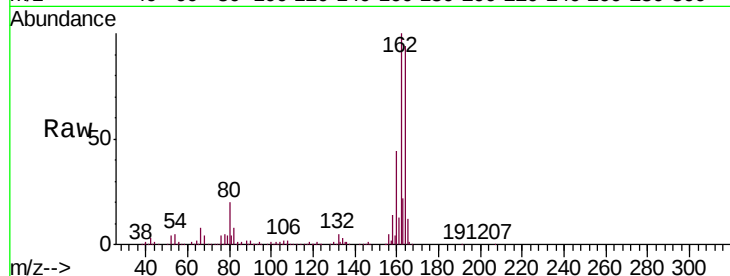
Tgt Ion:165 Resp: 48750

Ion Ratio Lower Upper

165 100

63 1.4 43.1 64.7#

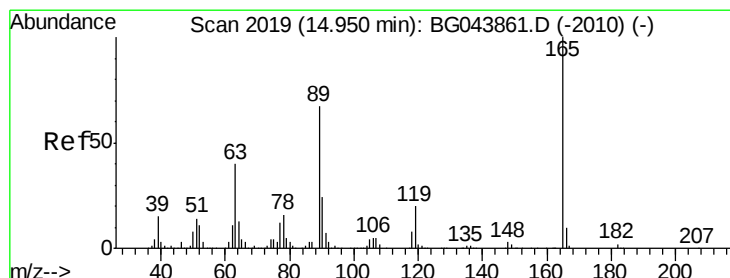
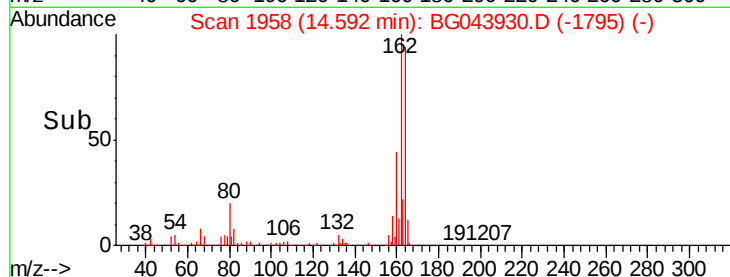
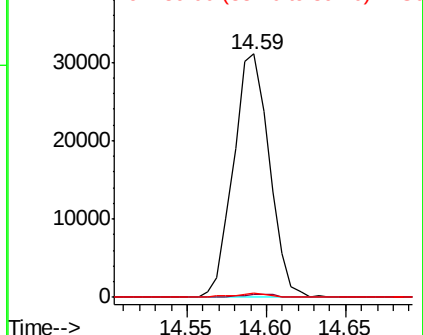
89 1.7 43.8 65.6#



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: 5.995 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.36 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

Tgt Ion:165 Resp: 48750

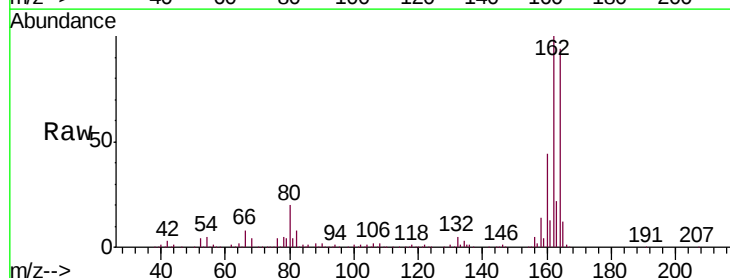
Ion Ratio Lower Upper

165 100

63 1.4 31.9 47.9#

89 1.7 53.8 80.6#

182 0.0 2.0 3.0#

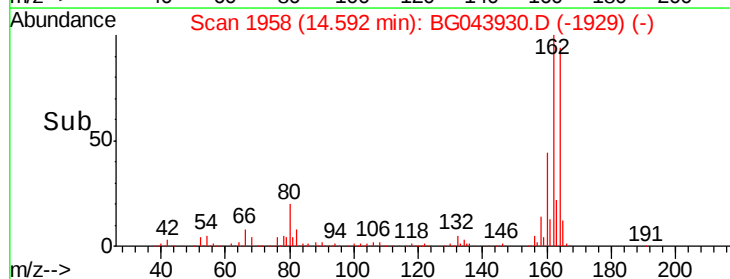
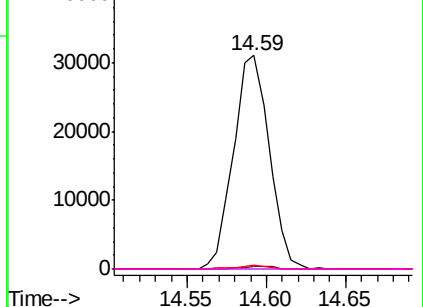


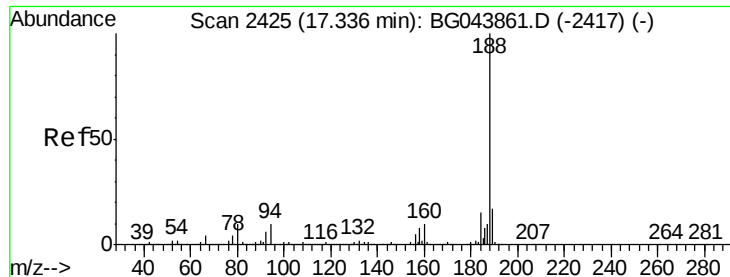
Abundance Ion 165.00 (164.70 to 165.70): E

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

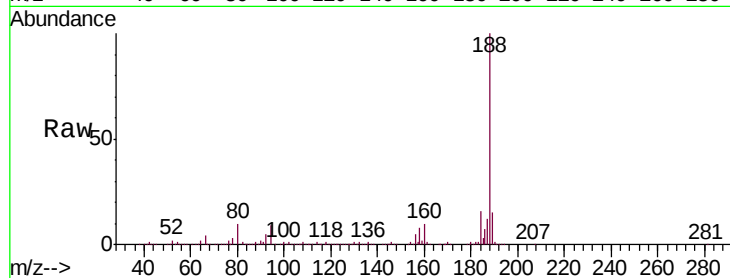




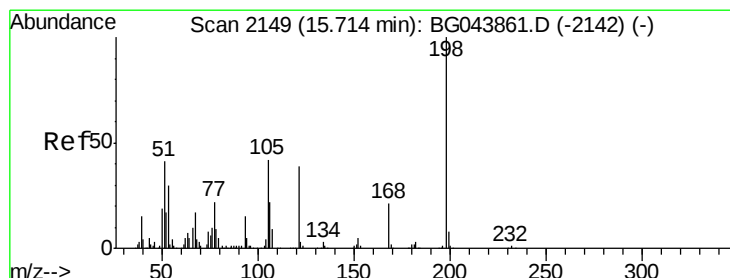
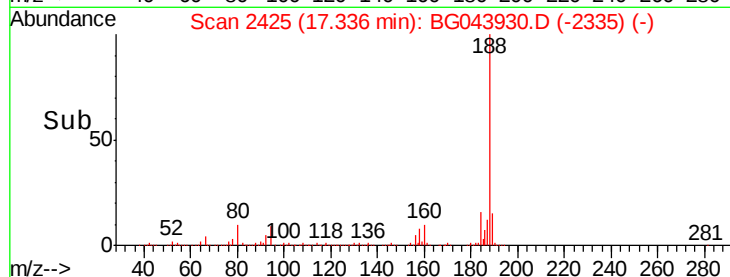
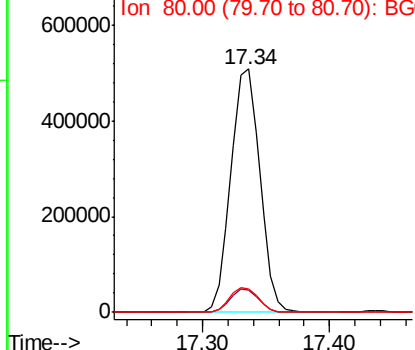
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:188 Resp: 807155
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.7 8.2 12.4

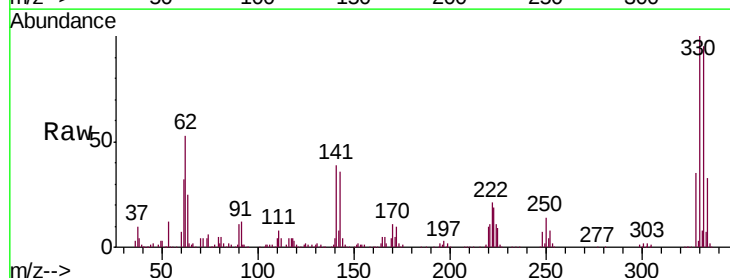


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

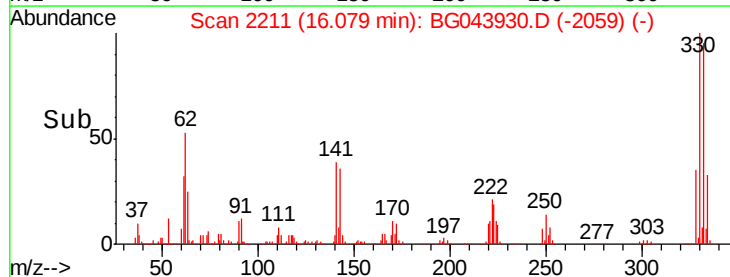
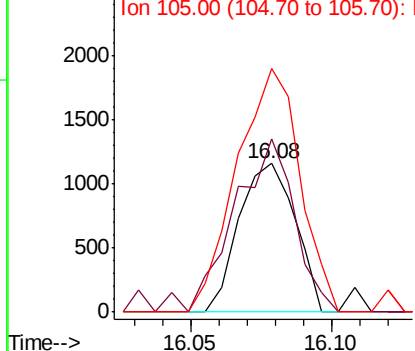


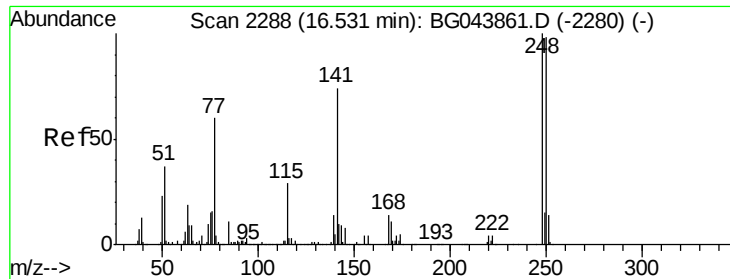
#65
4,6-Dinitro-2-methylphenol
Concen: 4.737 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.36 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:198 Resp: 1590
Ion Ratio Lower Upper
198 100
51 116.2 22.5 62.5#
105 163.8 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

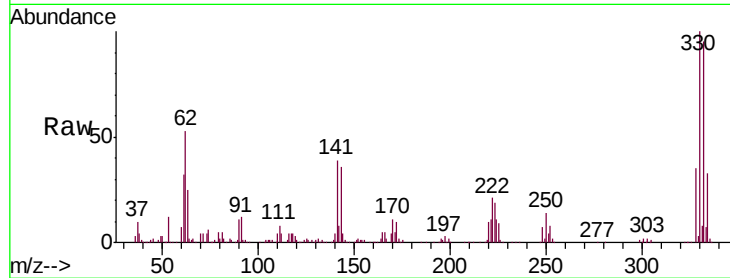




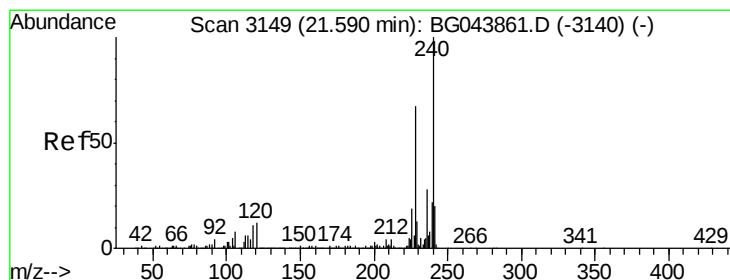
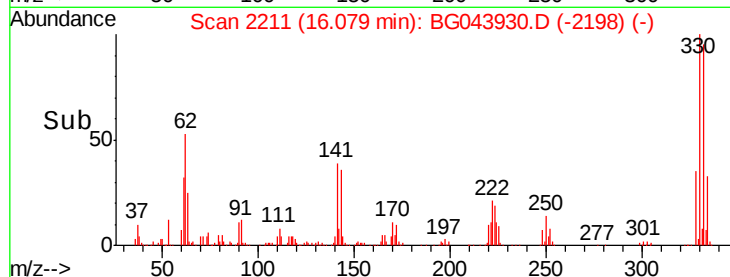
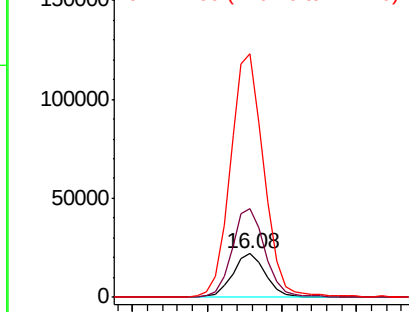
#67
4-Bromophenyl-phenylether
Concen: 3.730 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.45 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:248 Resp: 33860
Ion Ratio Lower Upper
248 100
250 205.0 78.2 117.2#
141 559.9 59.3 88.9#

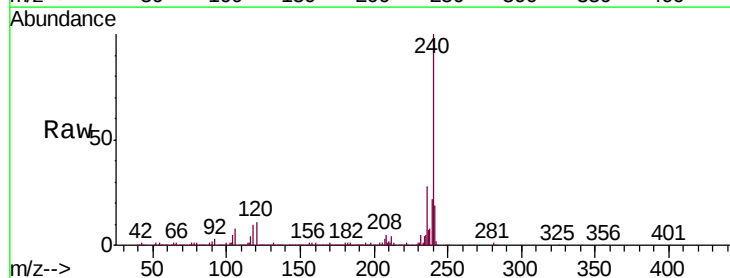


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

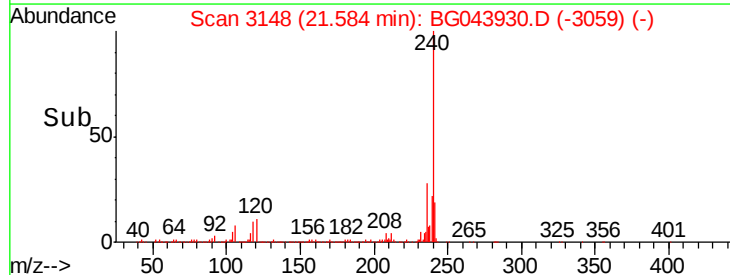
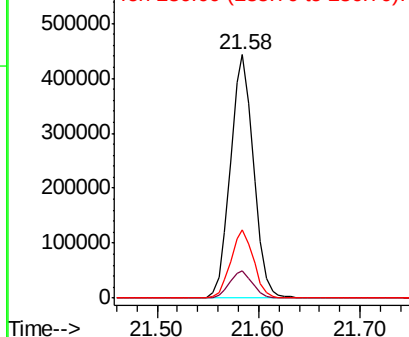


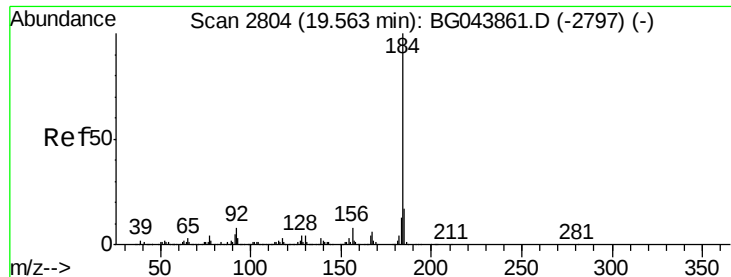
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:240 Resp: 700093
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 27.8 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: 2.797 ng

RT: 19.95 min Scan# 2870

Delta R.T. 0.39 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB125878BL

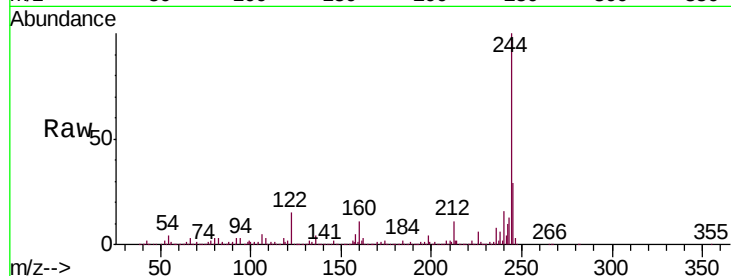
Tgt Ion:184 Resp: 49221

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

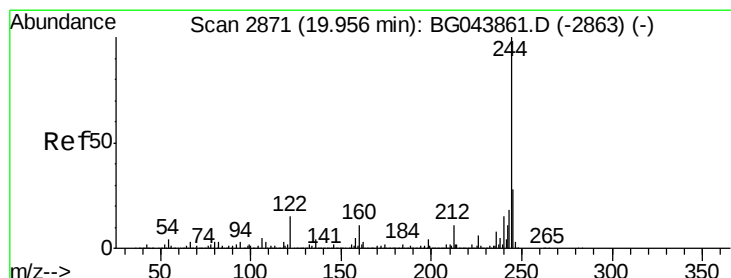
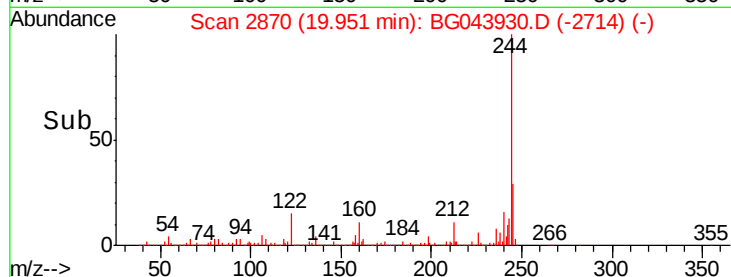
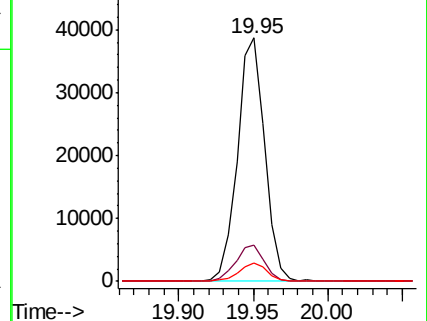
183 7.4 10.6 15.8#



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: 82.459 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

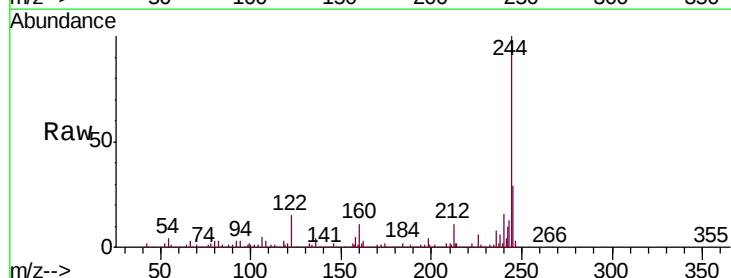
Tgt Ion:244 Resp: 2413488

Ion Ratio Lower Upper

244 100

212 11.3 8.6 13.0

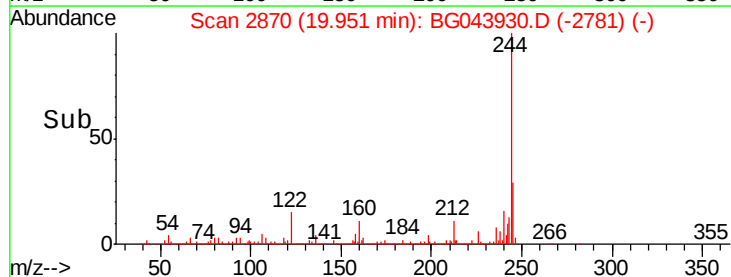
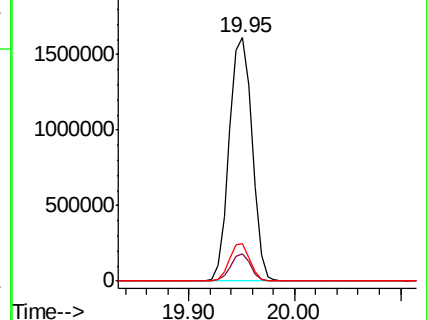
122 15.2 11.9 17.9

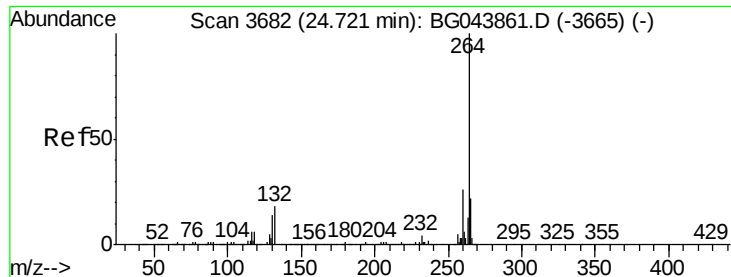


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:	264	Resp:	773451
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	21.9	17.4	26.2

