

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
 Data File : BG044131.D
 Acq On : 21 Jan 2020 13:25
 Operator : JU
 Sample : L1188-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-15-30

Quant Time: Jan 21 14:02:17 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

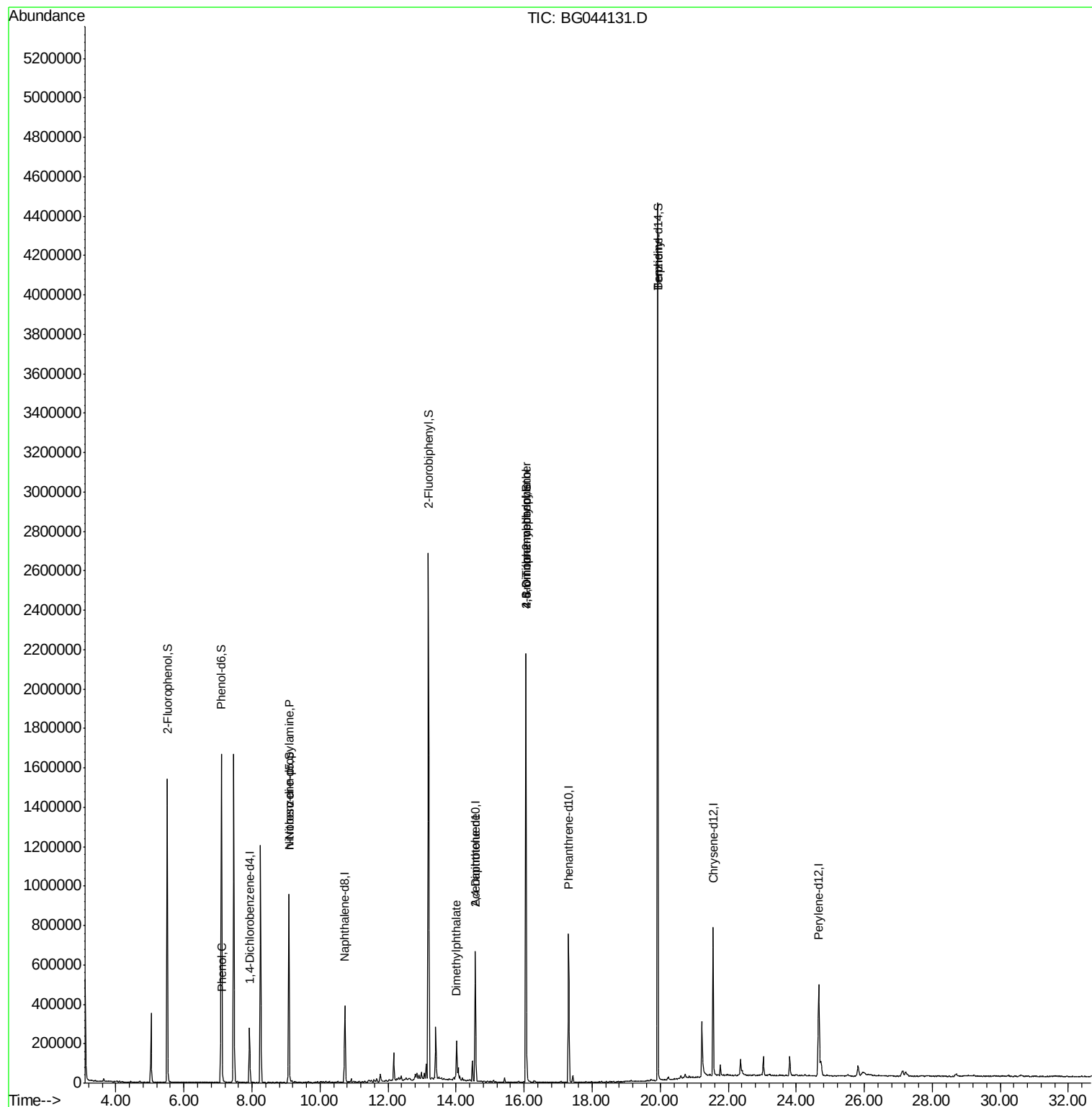
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77304	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	344769	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	235057	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	501672	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	425902	20.00	ng	-0.03
87) Perylene-d12	24.66	264	470875	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	729793	173.34	ng	-0.03
7) Phenol-d6	7.10	99	1059444	180.02	ng	-0.02
23) Nitrobenzene-d5	9.09	82	616958	95.73	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	412564	167.72	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1392307	107.32	ng	-0.03
79) Terphenyl-d14	19.93	244	2021848	130.53	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	12550	2.07	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	9.09	70	80664	18.41	ng	# 77
50) Dimethylphthalate	14.02	163	149599	8.96	ng	98
57) 2,4-Dinitrotoluene	14.56	165	30708	5.98	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1239	4.83	ng	# 1
67) 4-Bromophenyl-phenylether	16.06	248	30482	5.40	ng	# 1
77) Benizidine	19.93	184	36484	3.41	ng	# 93

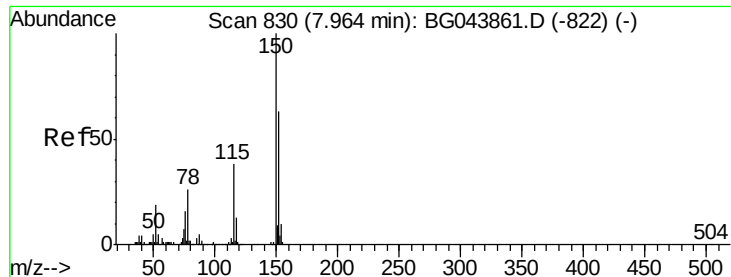
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044131.D
Acq On : 21 Jan 2020 13:25
Operator : JU
Sample : L1188-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B2-15-30

Quant Time: Jan 21 14:02:17 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



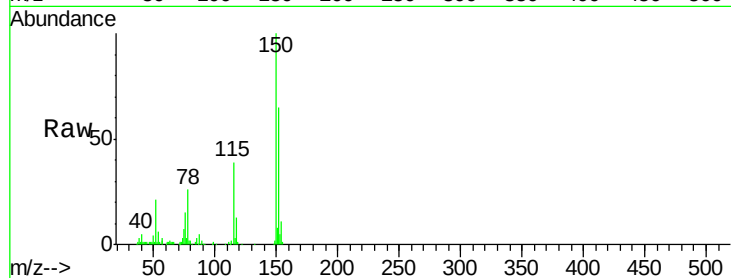


#1

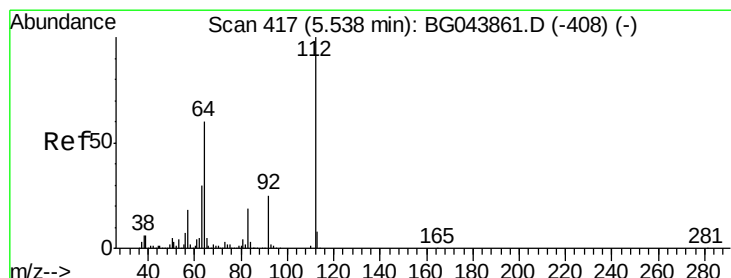
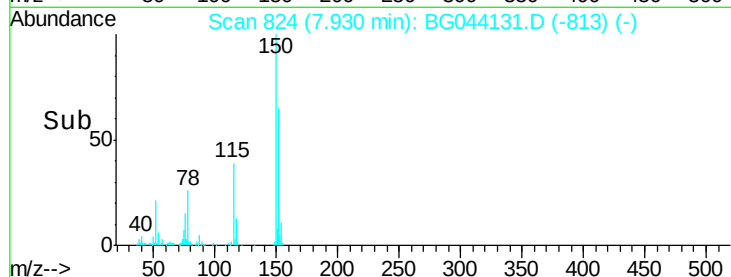
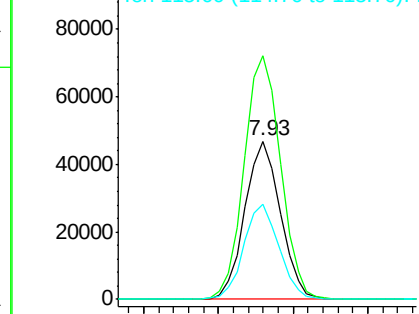
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
B2-15-30

Tgt Ion:152 Resp: 77304
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.4
115 60.5 47.8 71.8



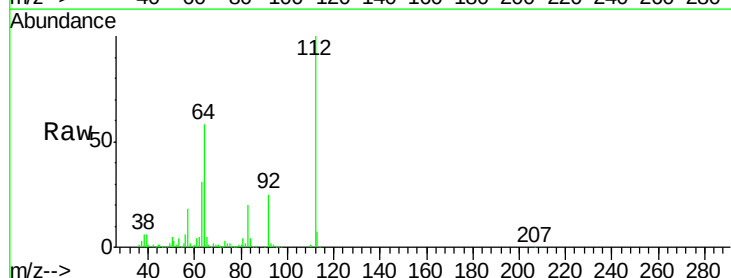
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



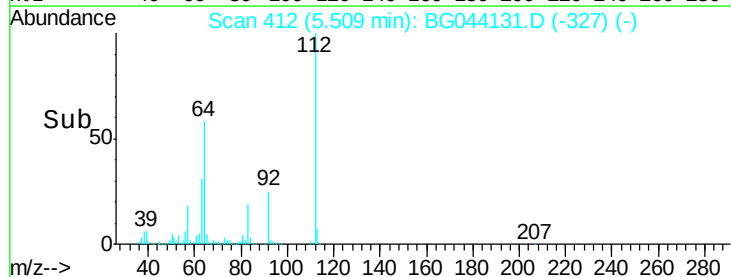
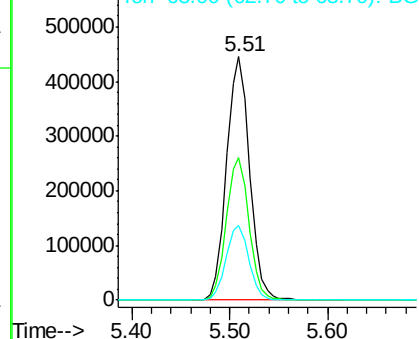
#5

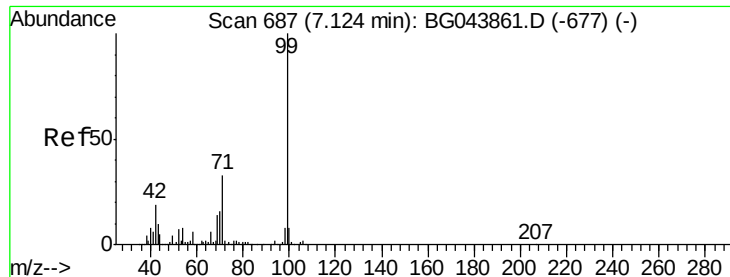
2-Fluorophenol
Concen: 173.34 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

Tgt Ion:112 Resp: 729793
Ion Ratio Lower Upper
112 100
64 58.4 47.8 71.6
63 30.8 24.3 36.5



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: 180.02 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_G

ClientSampleId :

B2-15-30

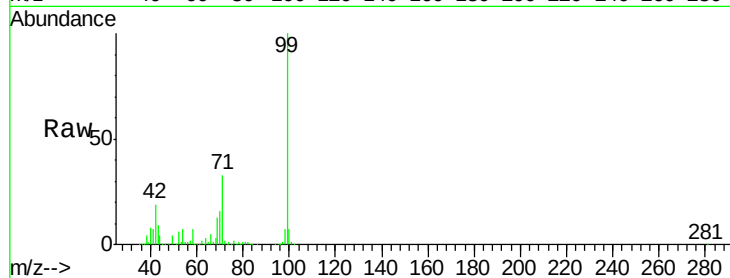
Tgt Ion: 99 Resp: 1059444

Ion Ratio Lower Upper

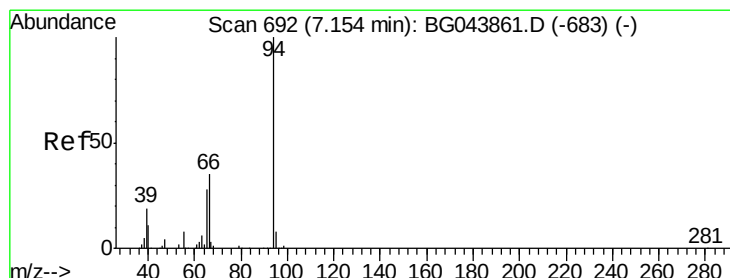
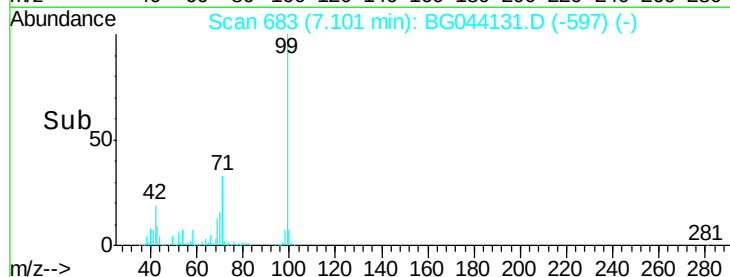
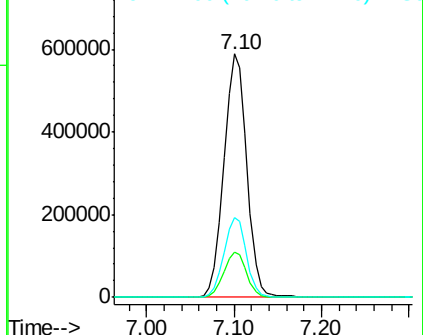
99 100

42 18.7 14.9 22.3

71 32.9 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: 2.07 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

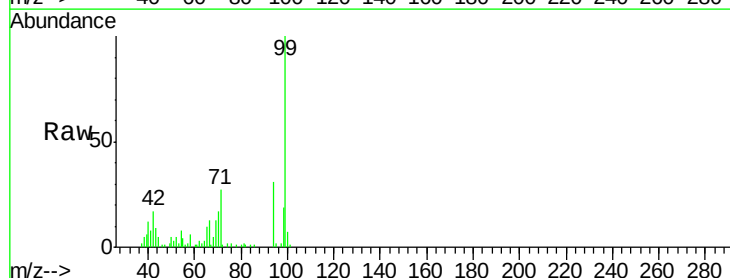
Tgt Ion: 94 Resp: 12550

Ion Ratio Lower Upper

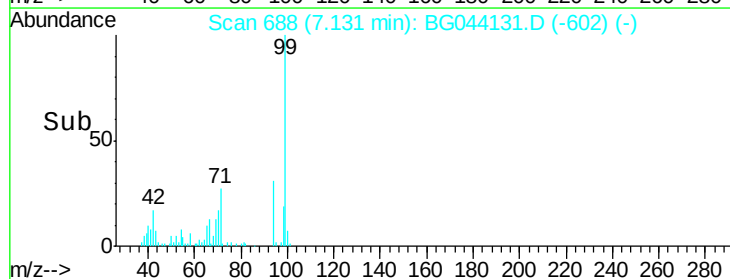
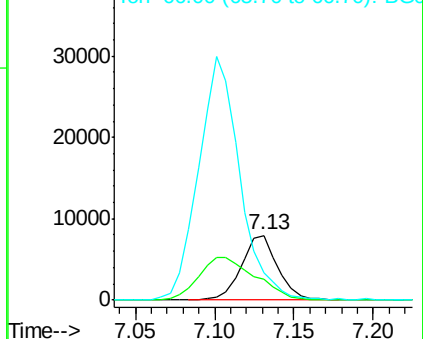
94 100

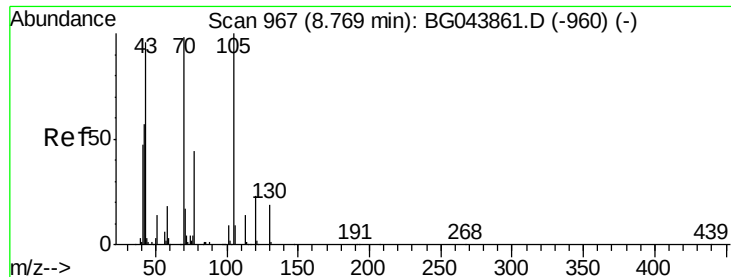
65 32.0 8.1 48.1

66 43.1 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

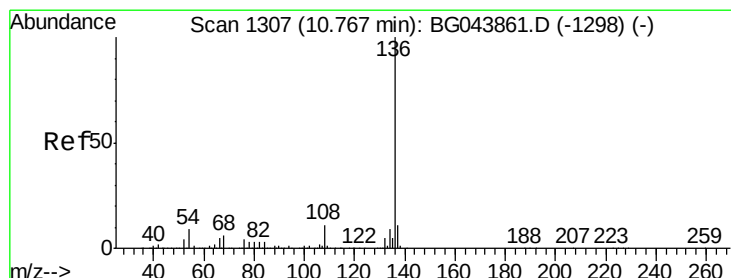
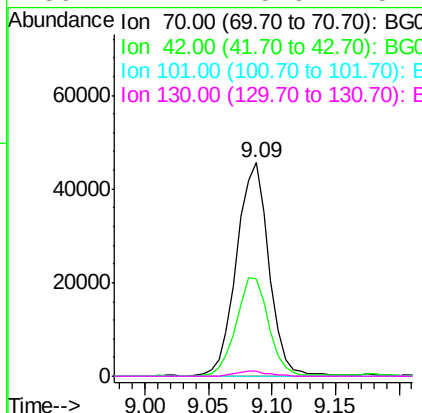
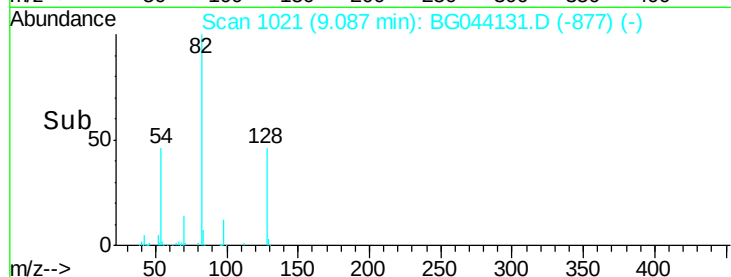
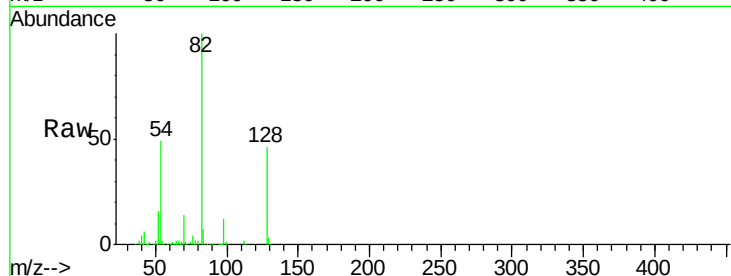




#19
n-Nitroso-di-n-propylamine
Concen: 18.41 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

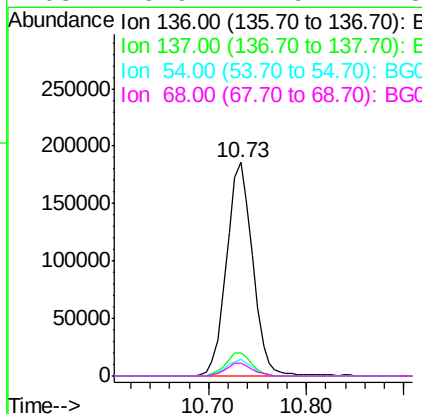
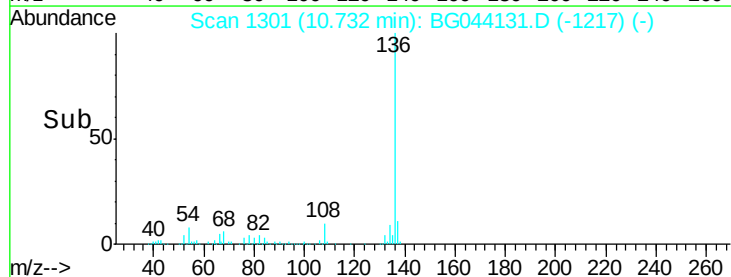
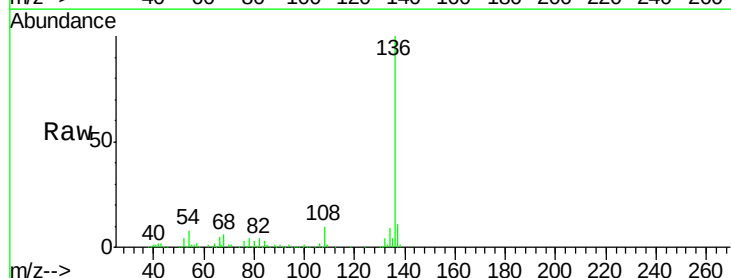
Instrument :
BNA_G
ClientSampleId :
B2-15-30

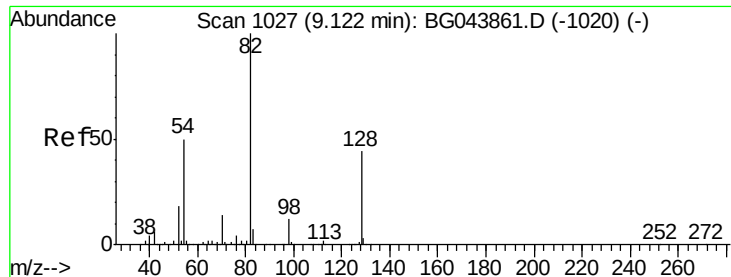
Tgt Ion: 70 Resp: 80664
Ion Ratio Lower Upper
70 100
42 45.7 47.0 70.4#
101 0.0 7.2 10.8#
130 2.2 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

Tgt Ion: 136 Resp: 344769
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 7.0 10.4
68 5.9 4.9 7.3

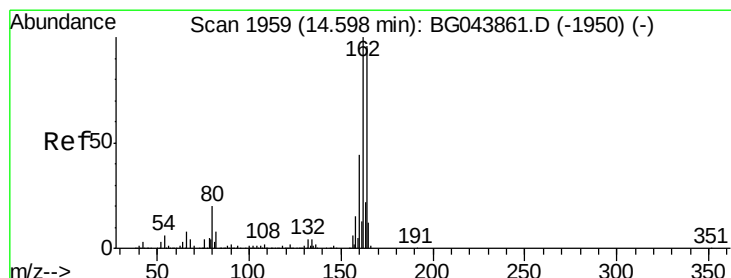
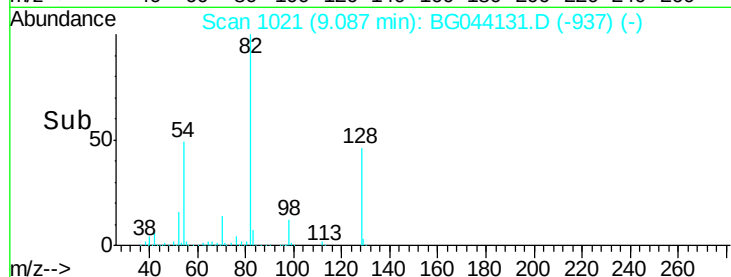
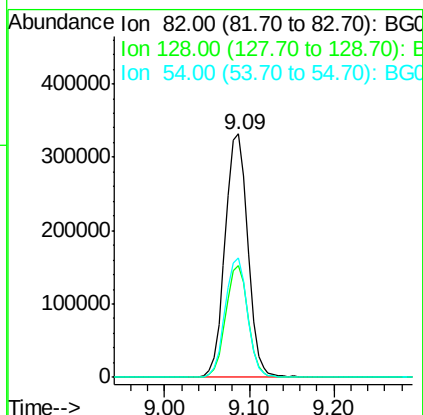
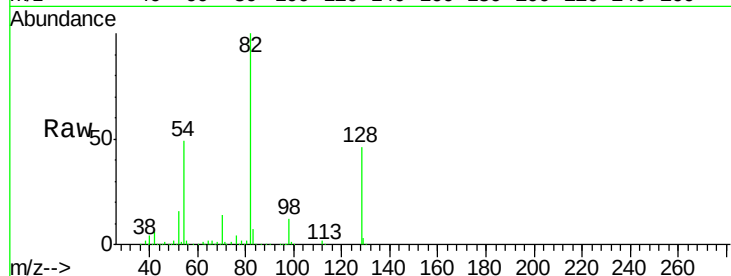




#23
 Nitrobenzene-d5
 Concen: 95.73 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044131.D
 Acq: 21 Jan 2020 13:25

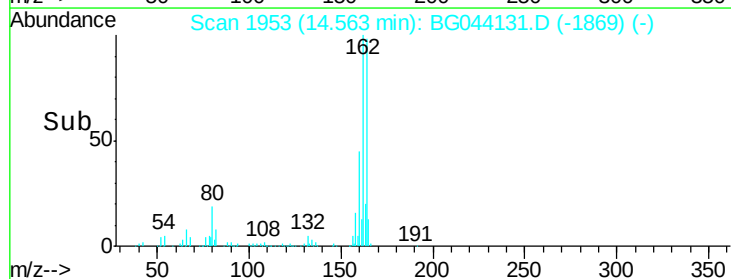
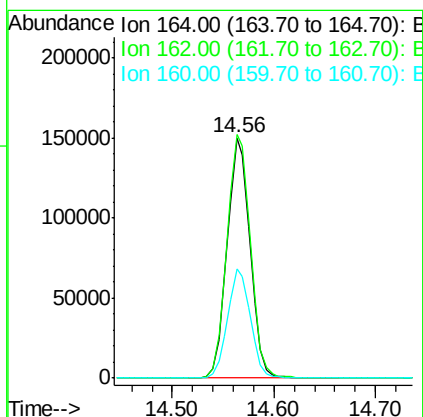
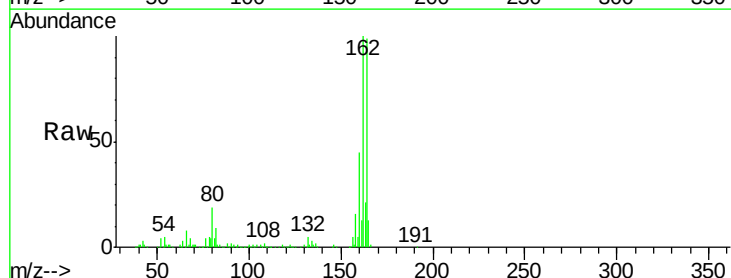
Instrument :
 BNA_G
 ClientSampleId :
 B2-15-30

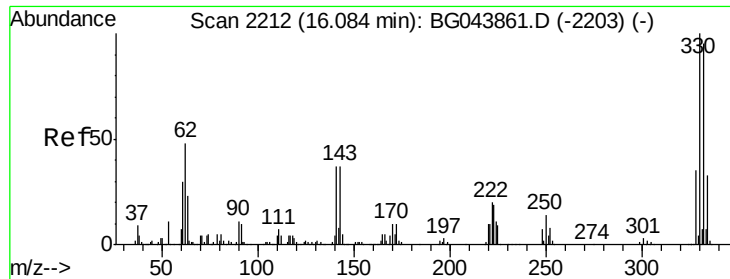
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	48.9	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BG044131.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.0	124.4
160	45.6	36.1	54.1

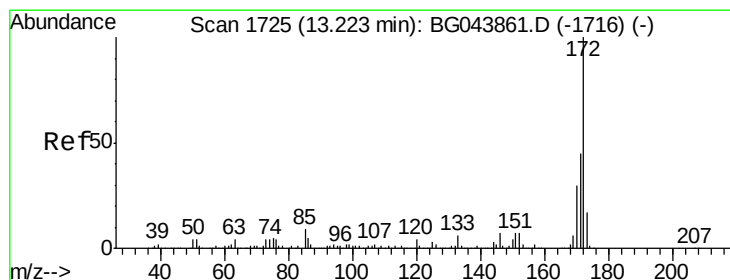
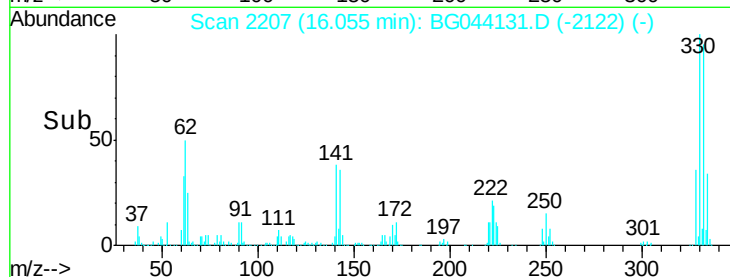
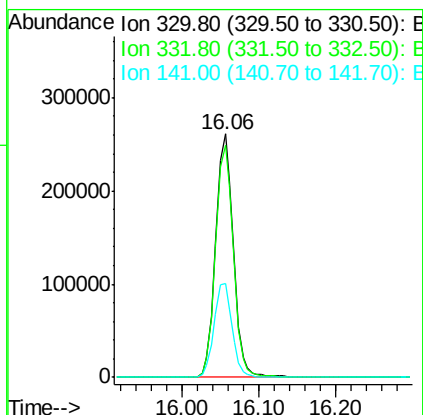
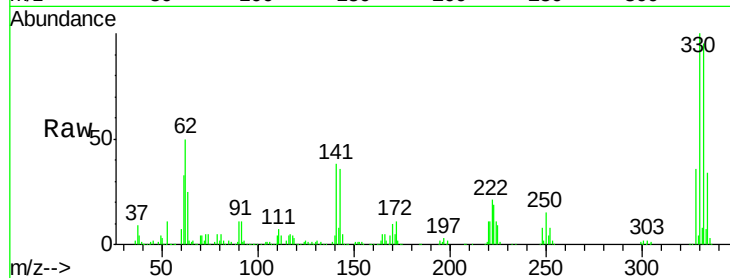




#42
 2,4,6-Tribromophenol
 Concen: 167.72 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044131.D
 Acq: 21 Jan 2020 13:25

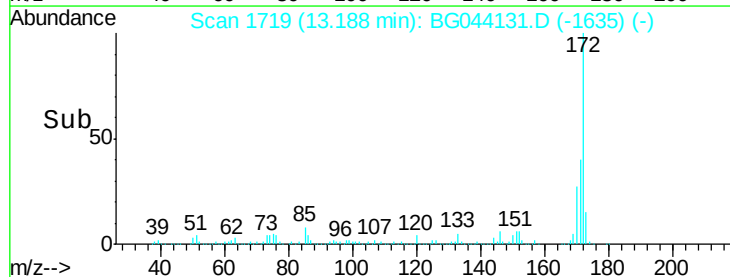
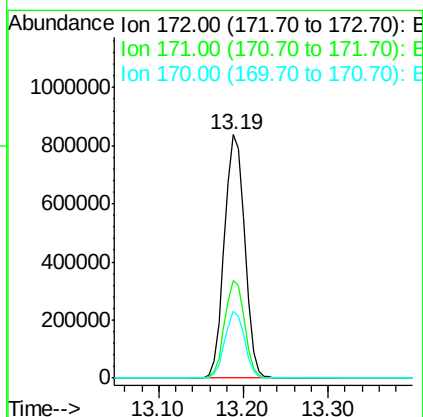
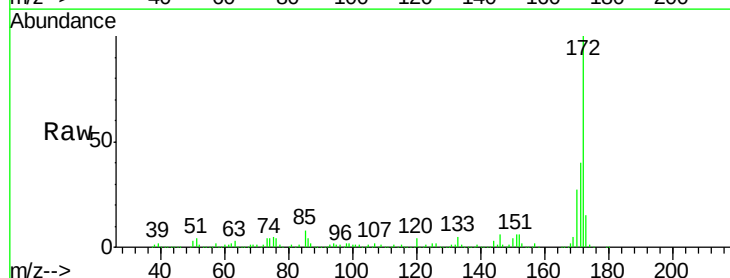
Instrument :
 BNA_G
 ClientSampleId :
 B2-15-30

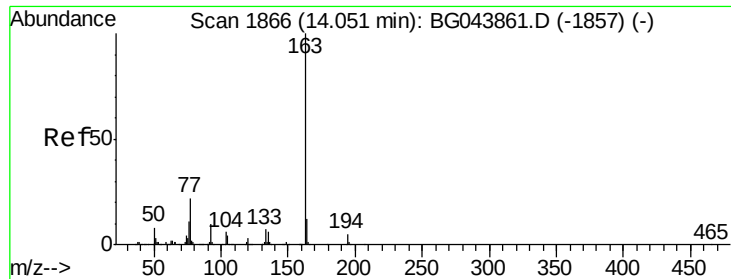
Tgt Ion:330 Resp: 412564
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.2 115.8
 141 39.4 33.1 49.7



#45
 2-Fluorobiphenyl
 Concen: 107.32 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044131.D
 Acq: 21 Jan 2020 13:25

Tgt Ion:172 Resp: 1392307
 Ion Ratio Lower Upper
 172 100
 171 40.2 35.8 53.8
 170 27.3 24.2 36.4





#50

Dimethylphthalate

Concen: 8.96 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_G

ClientSampleId :

B2-15-30

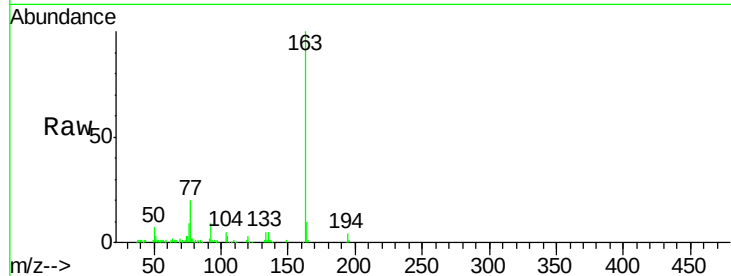
Tgt Ion:163 Resp: 149599

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

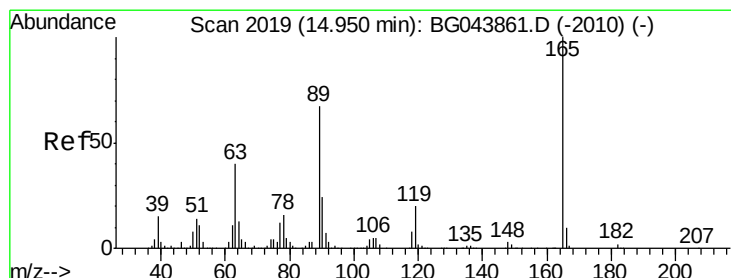
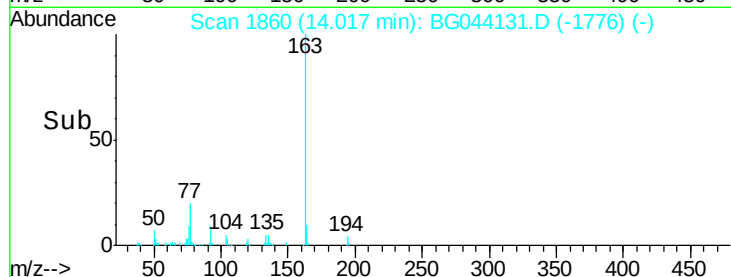
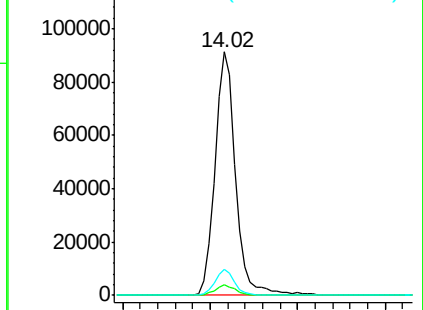
164 10.5 9.3 13.9



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: 5.98 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.39 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

Tgt Ion:165 Resp: 30708

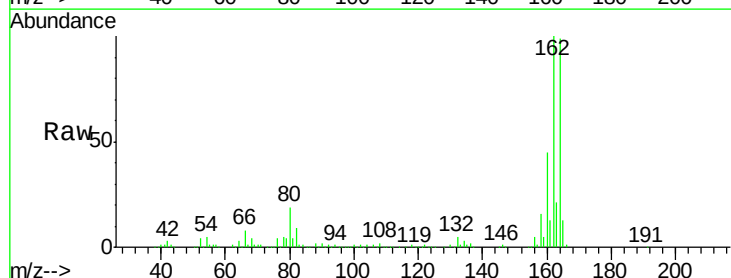
Ion Ratio Lower Upper

165 100

63 1.2 31.9 47.9#

89 1.6 53.8 80.6#

182 0.0 2.0 3.0#

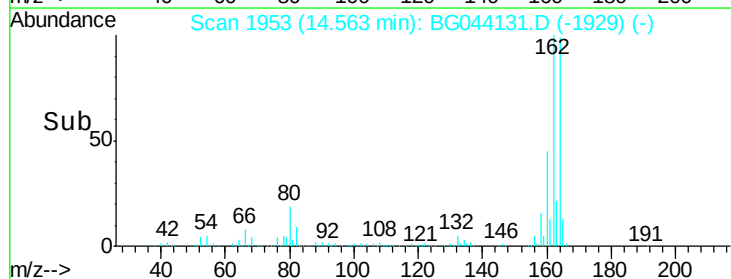
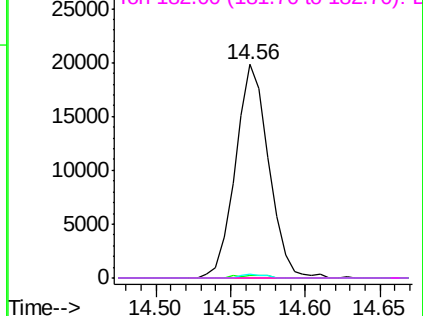


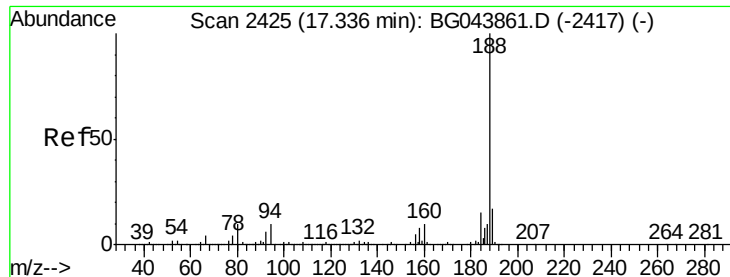
Abundance Ion 165.00 (164.70 to 165.70): E

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

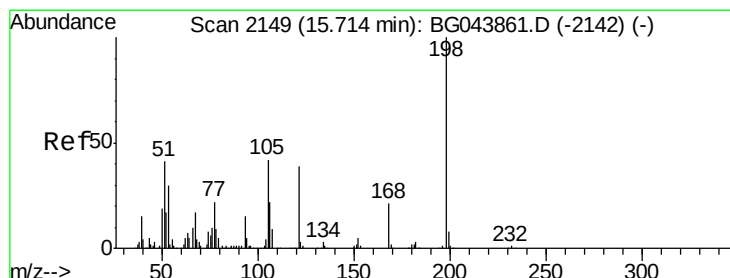
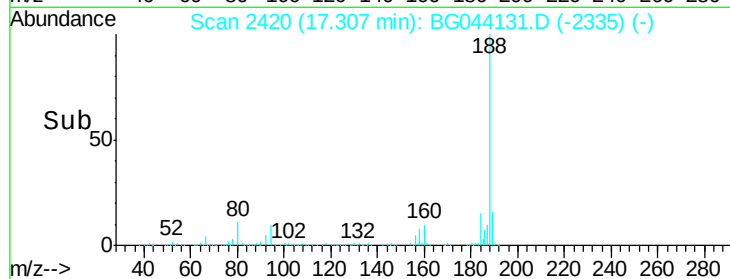
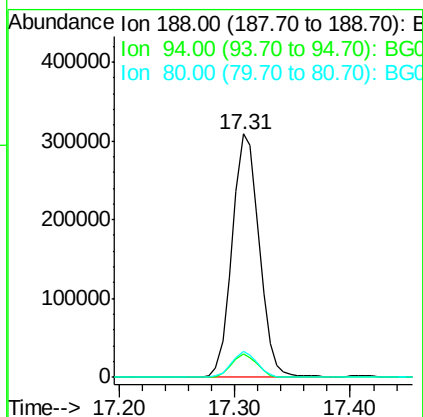
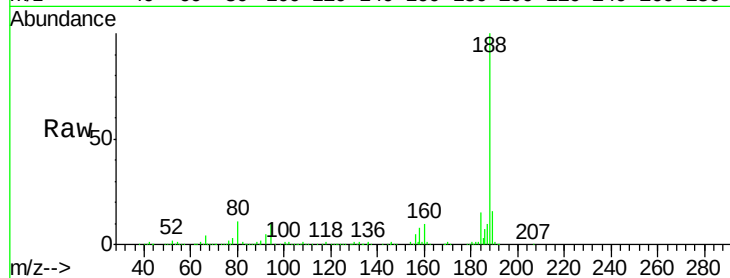




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. -0.03 min
 Lab File: BG044131.D
 Acq: 21 Jan 2020 13:25

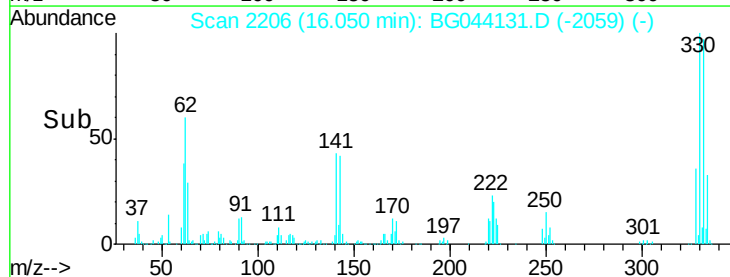
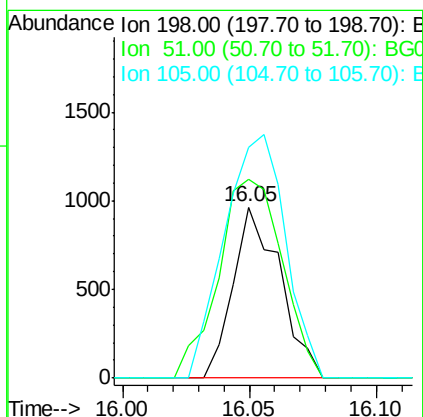
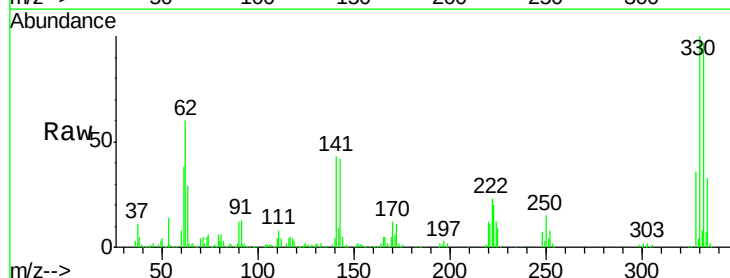
Instrument :
 BNA_G
 ClientSampleId :
 B2-15-30

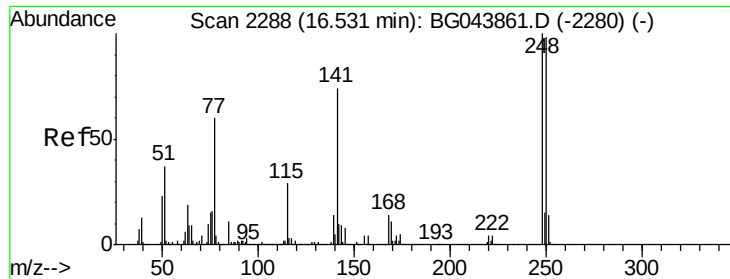
Tgt Ion:188 Resp: 501672
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.9 11.9
 80 10.6 8.2 12.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.83 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.34 min
 Lab File: BG044131.D
 Acq: 21 Jan 2020 13:25

Tgt Ion:198 Resp: 1239
 Ion Ratio Lower Upper
 198 100
 51 116.1 22.5 62.5#
 105 135.0 22.3 62.3#

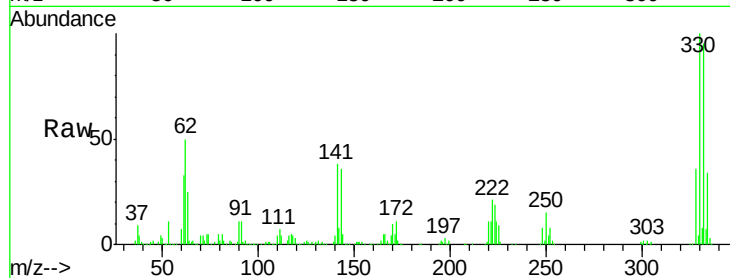




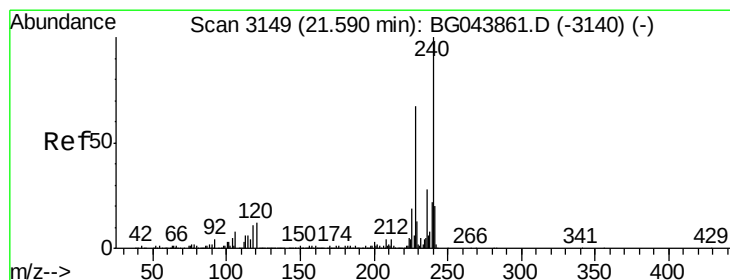
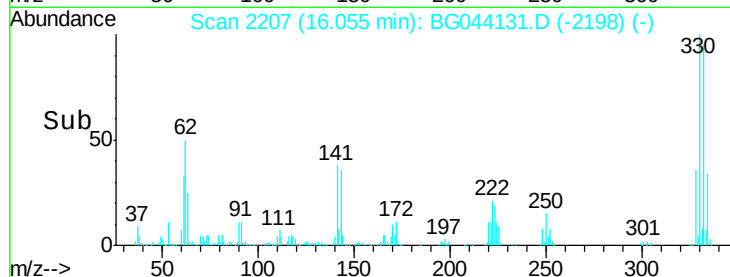
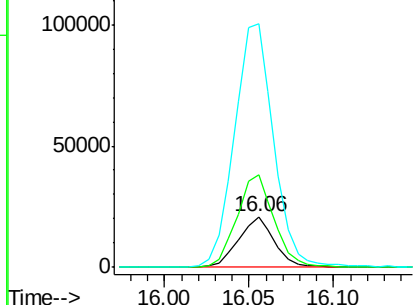
#67
 4-Bromophenyl-phenylether
 Concen: 5.40 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.48 min
 Lab File: BG044131.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_G
 ClientSampleId :
 B2-15-30

Tgt Ion:248 Resp: 30482
 Ion Ratio Lower Upper
 248 100
 250 181.9 78.2 117.2#
 141 479.4 59.3 88.9#

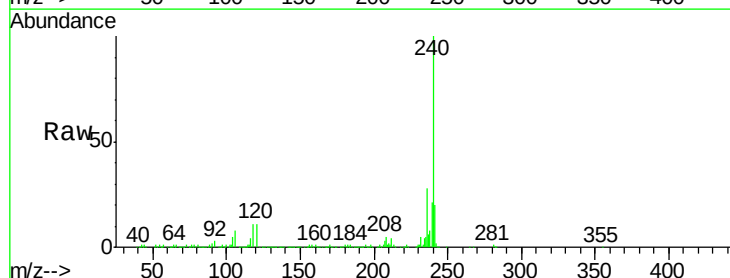


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

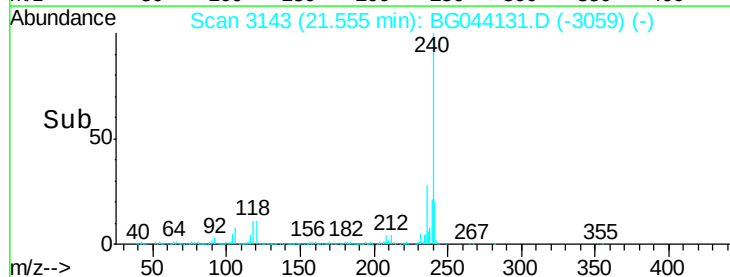
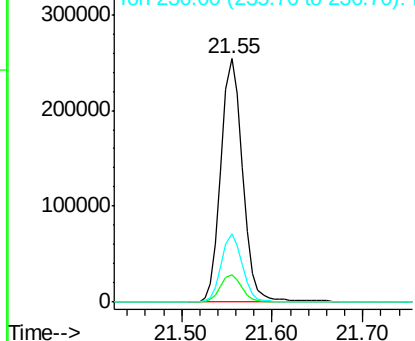


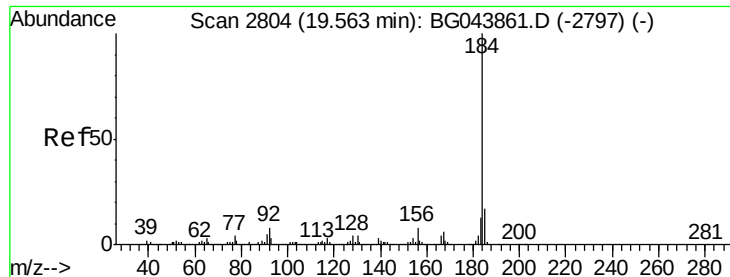
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.03 min
 Lab File: BG044131.D
 Acq: 21 Jan 2020 13:25

Tgt Ion:240 Resp: 425902
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.6 14.4
 236 28.0 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: 3.41 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.36 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_G

ClientSampleId :

B2-15-30

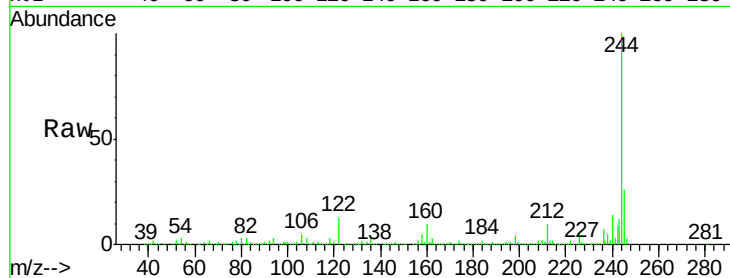
Tgt Ion:184 Resp: 36484

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

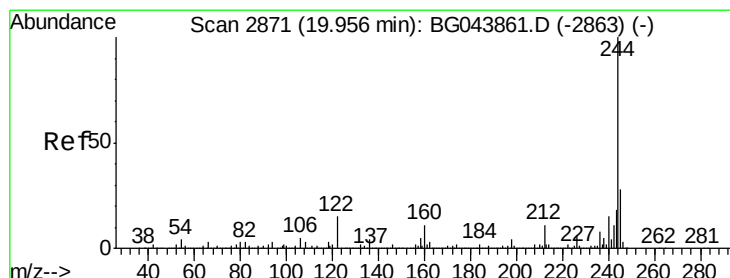
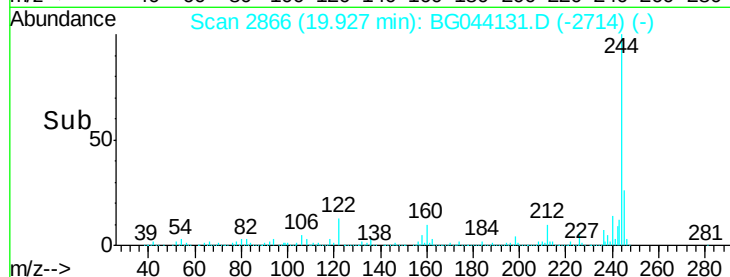
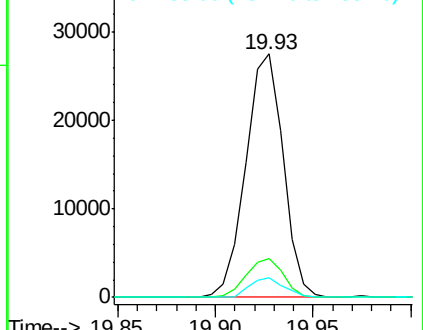
183 7.8 10.6 15.8#



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: 130.53 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

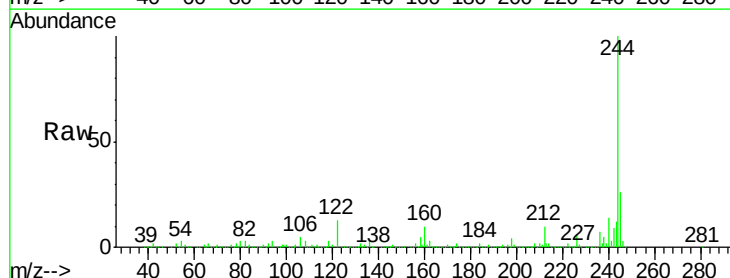
Tgt Ion:244 Resp: 2021848

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

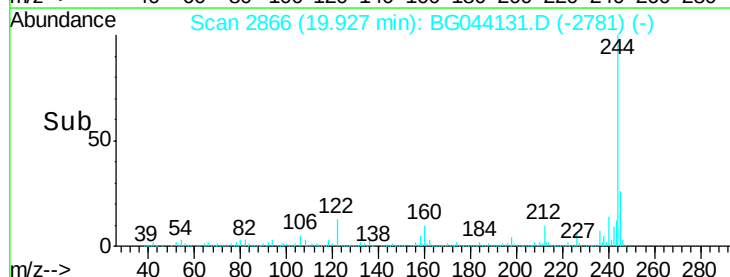
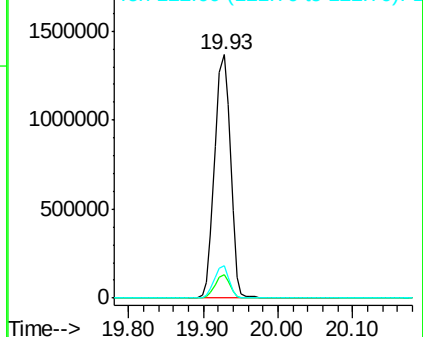
122 13.3 11.9 17.9

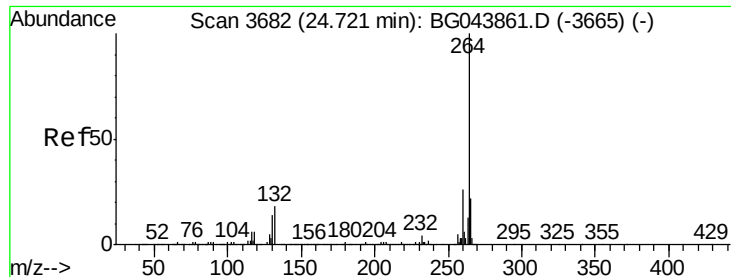


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
B2-15-30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.4	17.4	26.2

