

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043831.D
 Acq On : 17 Dec 2019 22:35
 Operator : JU
 Sample : K6318-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 01:06:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

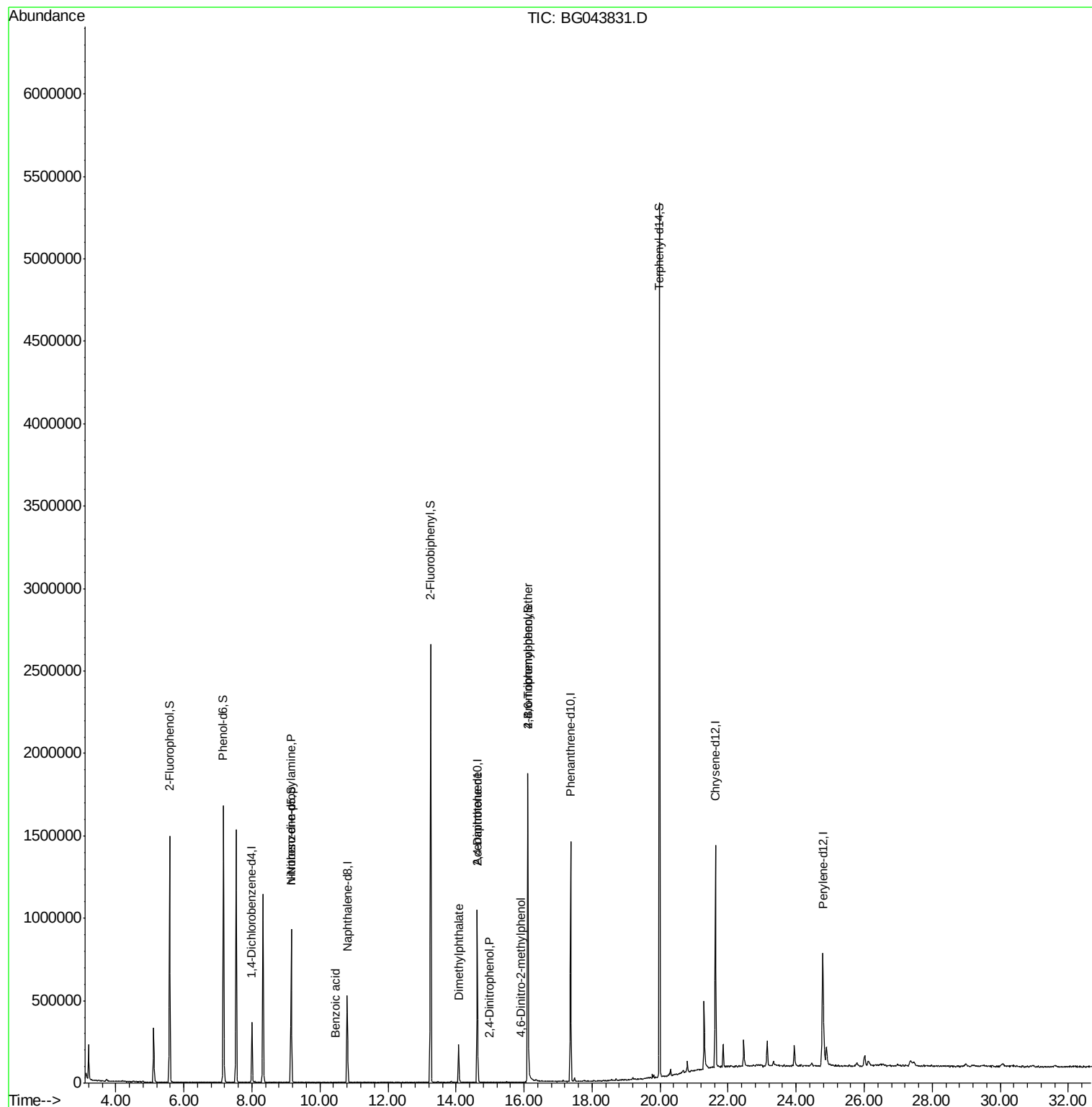
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	108057	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	484580	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	377593	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	895294	20.00	ng	0.00
76) Chrysene-d12	21.63	240	778942	20.00	ng	0.00
87) Perylene-d12	24.79	264	852264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	681787	119.55	ng	0.00
7) Phenol-d6	7.16	99	1010745	122.89	ng	0.00
23) Nitrobenzene-d5	9.15	82	576093	66.75	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	352861	98.02	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1387348	64.54	ng	0.00
79) Terphenyl-d14	19.98	244	2199082	67.92	ng	0.00
Target Compounds						
9) Benzaldehyde	7.17	77	2311	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	9.15	70	75911	12.072 ng	#	1
32) Benzoic acid	10.46	122	53	5.659 ng	#	81
50) Dimethylphthalate	14.08	163	163388	6.062 ng	#	1
54) 2,4-Dinitrophenol	14.97	184	55	3.974 ng	#	97
57) 2,4-Dinitrotoluene	14.62	165	47676	6.075 ng	#	19
65) 4,6-Dinitro-2-methylphenol	15.90	198	60	9.515 ng	#	25
67) 4-Bromophenyl-phenylether	16.11	248	26899	2.810 ng	#	37
67) 4-Bromophenyl-phenylether	16.11	248	26899	2.810 ng	#	1

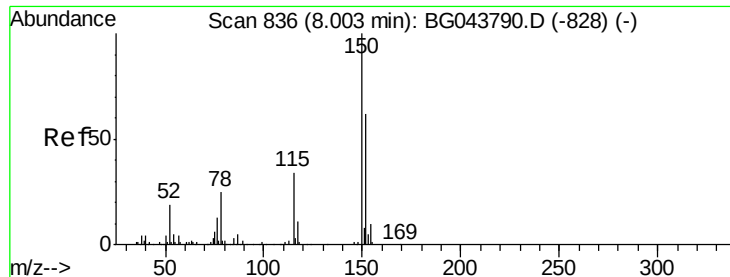
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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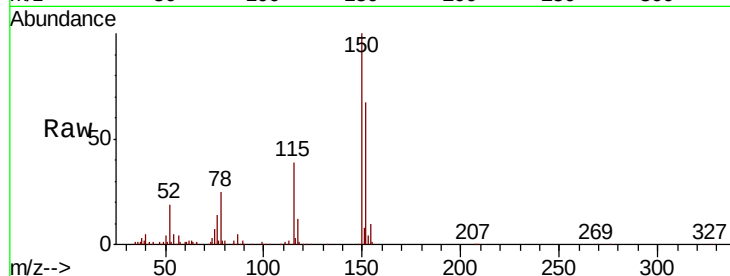


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	128.6	192.8
115	58.0	44.3	66.5

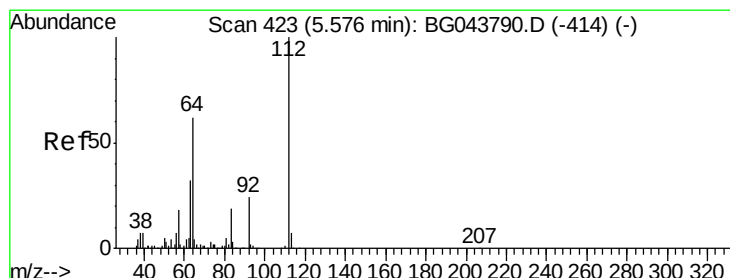
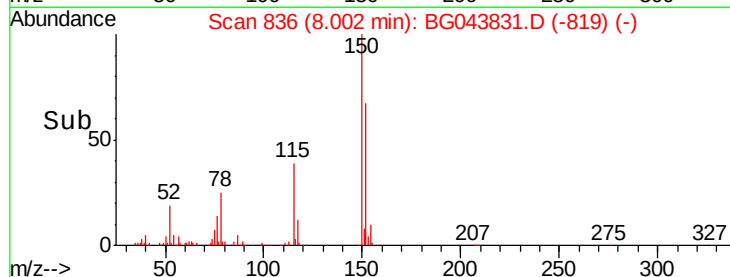
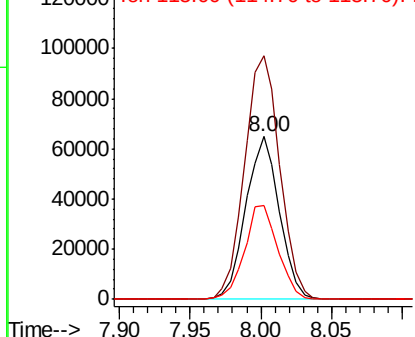


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

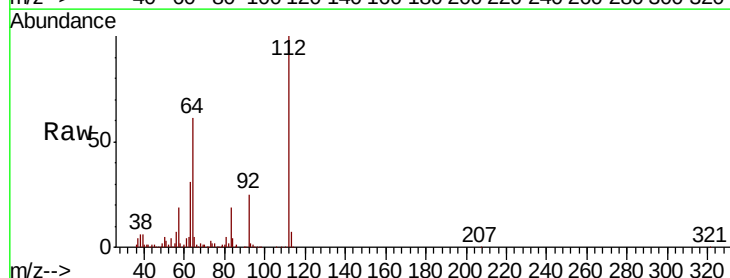
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.548 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.9	74.9
63	31.2	26.0	39.0

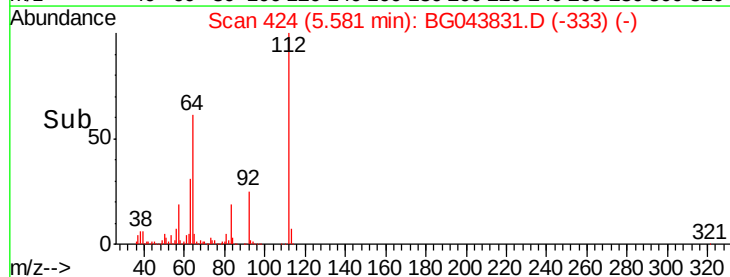
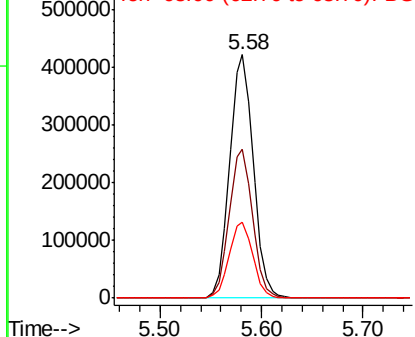


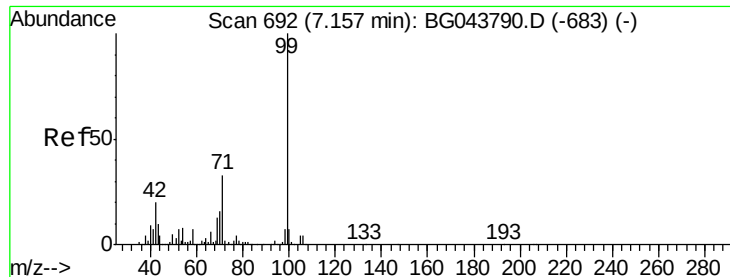
Abundance

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: 122.889 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043831.D

Acq: 17 Dec 2019 22:35

Instrument :

BNA_G

ClientSampleId :

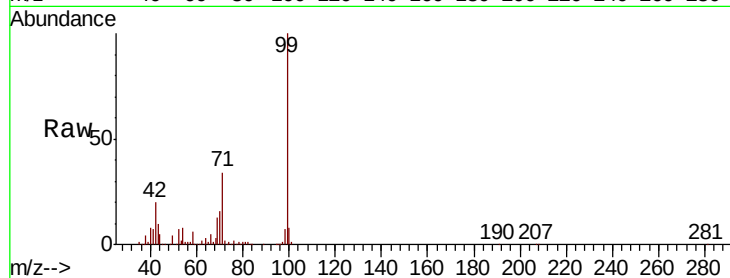
Tot Ion: 99 Resp: 1010745

Ion Ratio Lower Upper

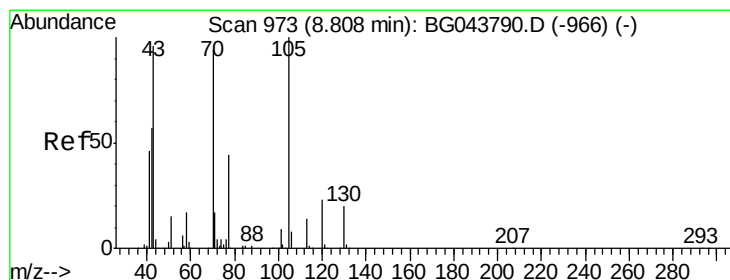
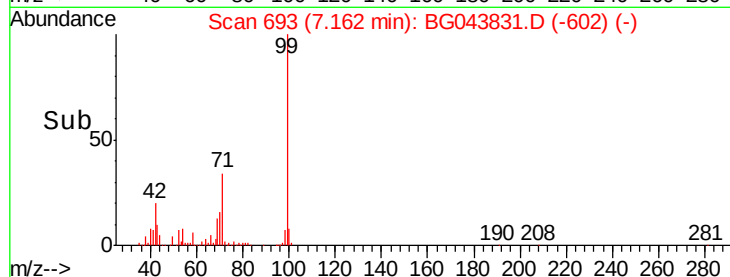
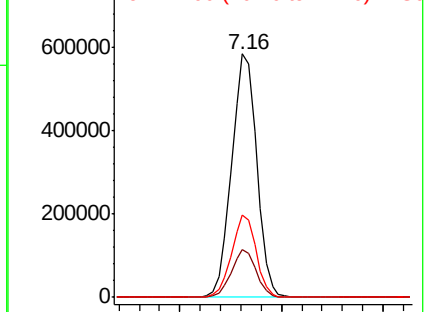
99 100

42 19.6 16.2 24.2

71 33.8 26.6 40.0



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: 12.072 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.35 min

Lab File: BG043831.D

Acq: 17 Dec 2019 22:35

Tgt Ion: 70 Resp: 75911

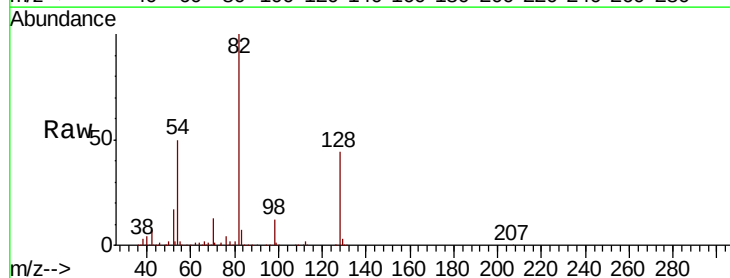
Ion Ratio Lower Upper

70 100

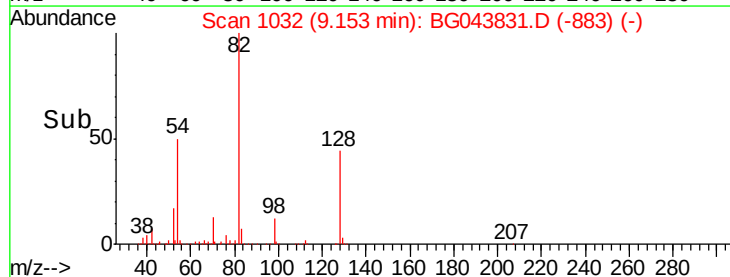
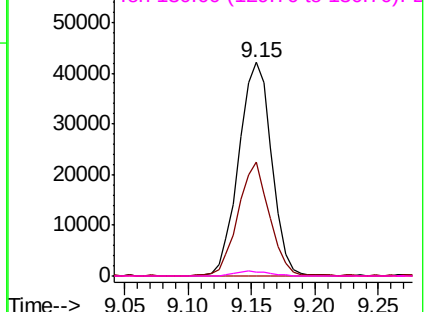
42 53.2 49.2 73.8

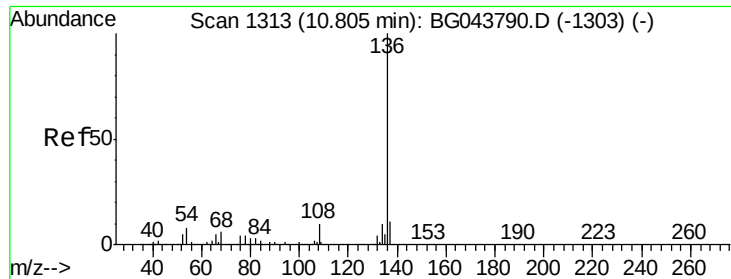
101 0.0 7.8 11.6#

130 2.1 17.0 25.6#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

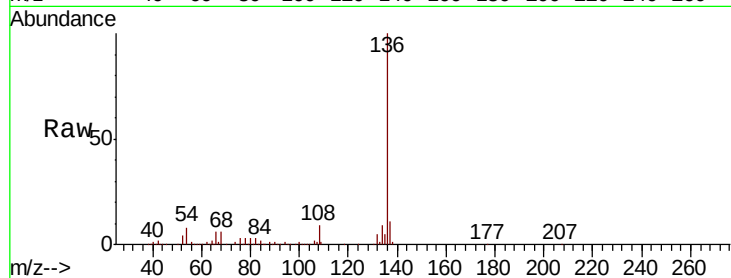




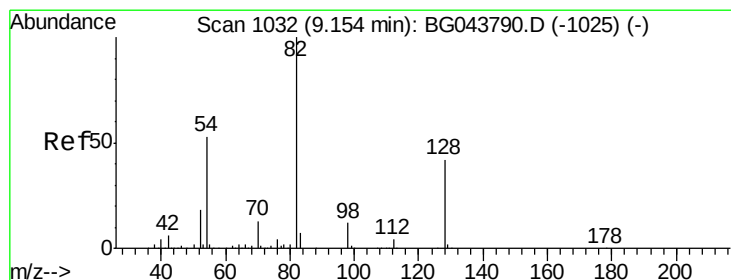
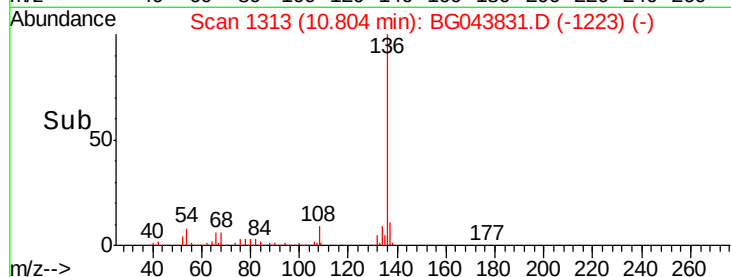
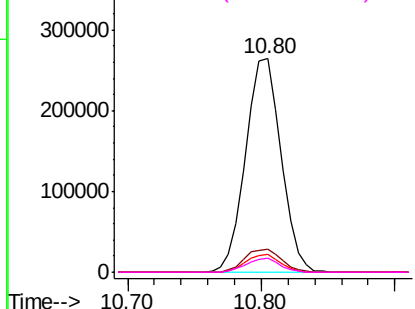
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	484580
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	8.2	6.8 10.2
68	6.5	5.0 7.4

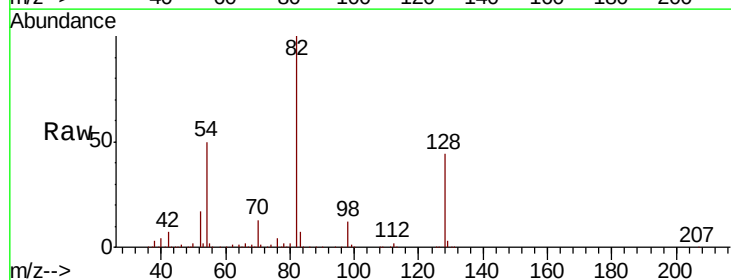


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

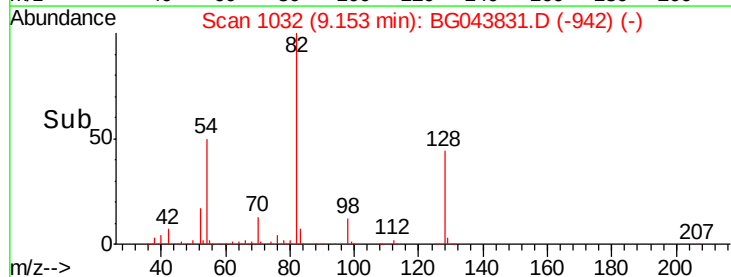
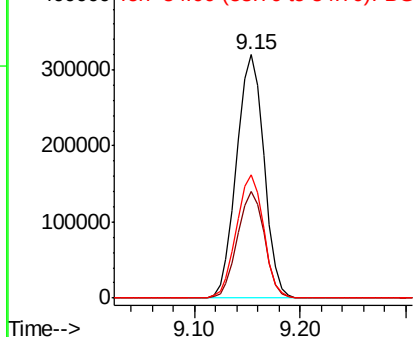


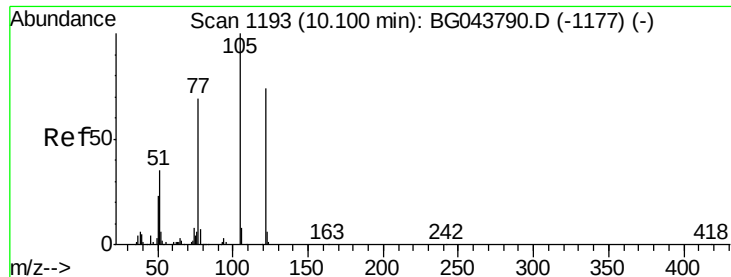
#23
Nitrobenzene-d5
Concen: 66.751 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion: 82	Resp:	576093
Ion	Ratio	Lower Upper
82	100	
128	43.9	33.6 50.4
54	50.4	42.1 63.1



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

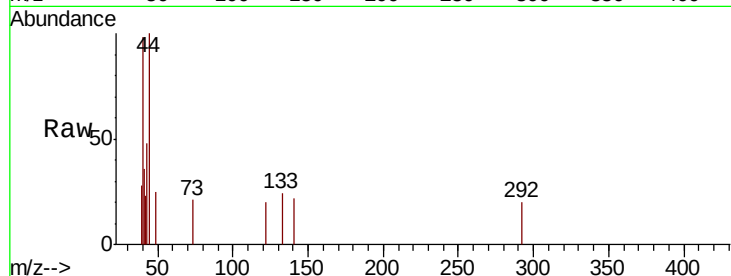




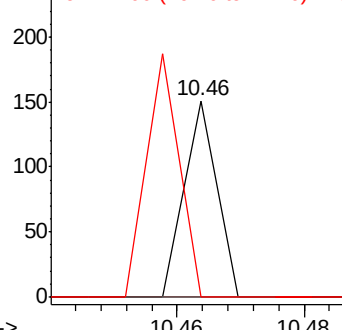
#32
Benzoic acid
Concen: 5.659 ng
RT: 10.46 min Scan# 1255
Delta R.T. 0.36 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampled :

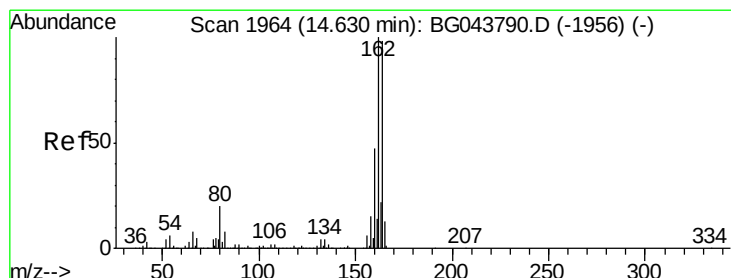
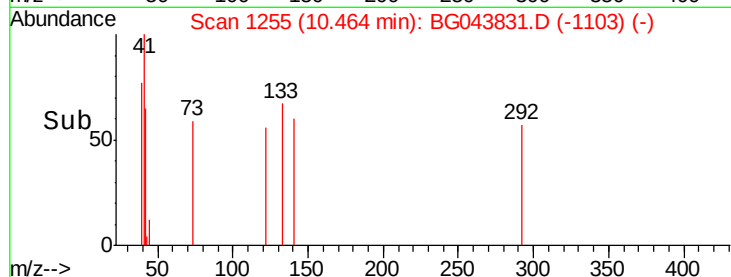
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	71.7	111.7#



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): B

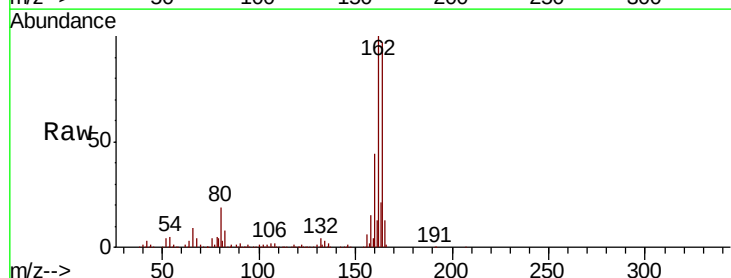


Time-->

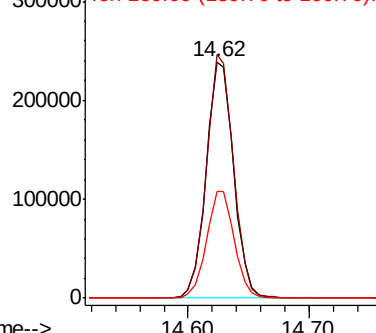


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

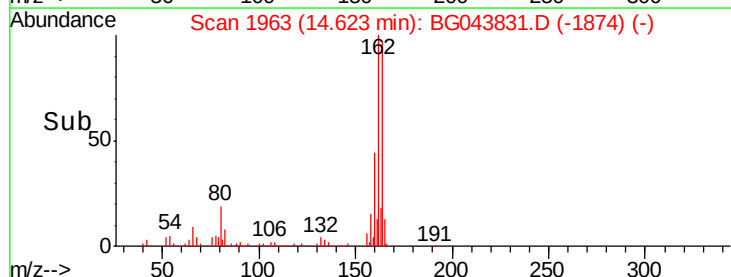
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	45.4	38.3	57.5

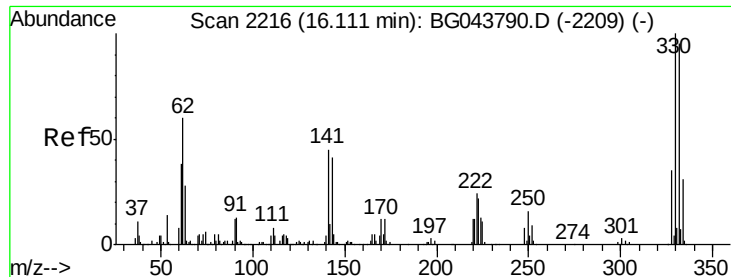


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

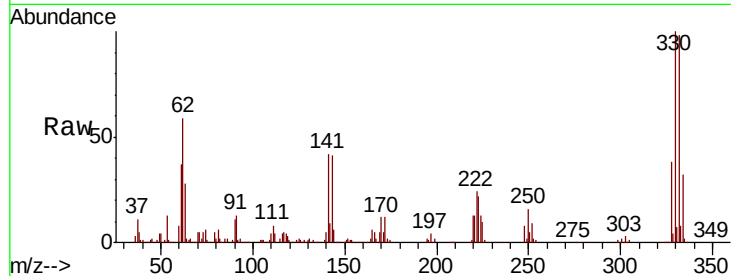




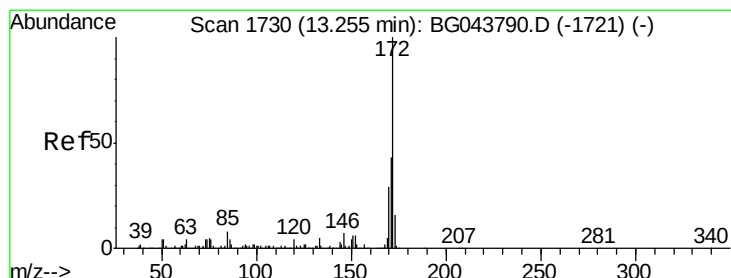
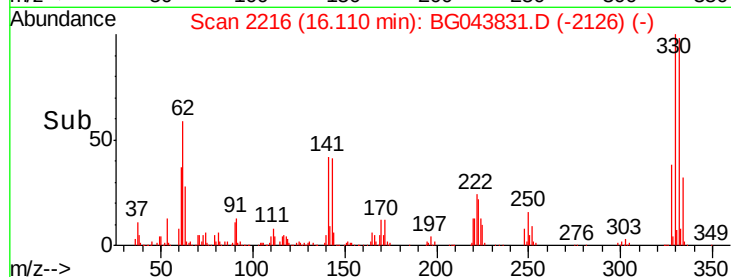
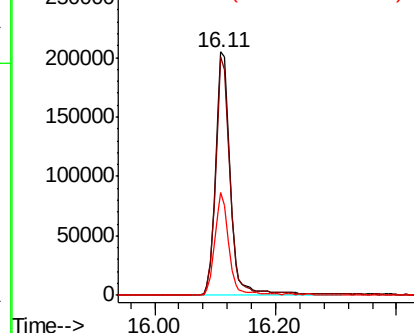
#42
 2,4,6-Tribromophenol
 Concen: 98.023 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG043831.D
 Acq: 17 Dec 2019 22:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 352861
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.9 115.3
 141 40.4 33.8 50.8

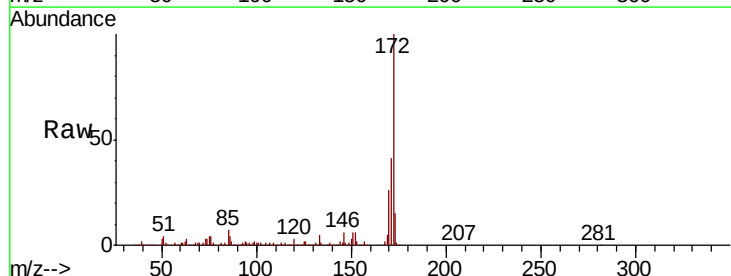


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

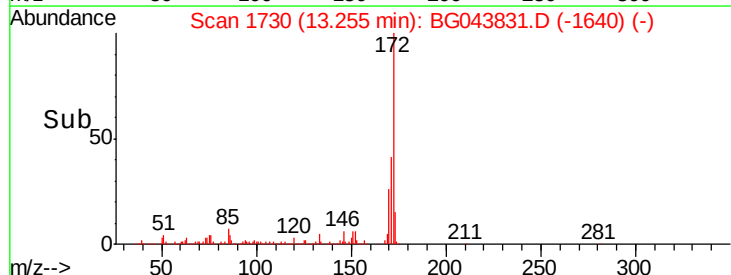
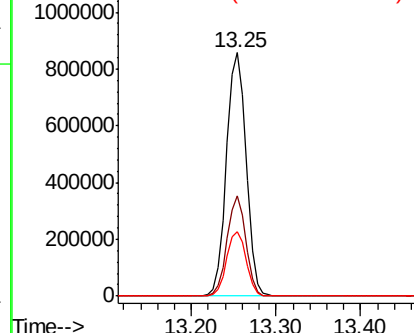


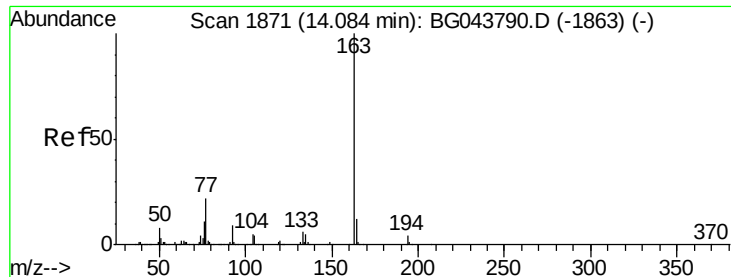
#45
 2-Fluorobiphenyl
 Concen: 64.540 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043831.D
 Acq: 17 Dec 2019 22:35

Tgt Ion:172 Resp: 1387348
 Ion Ratio Lower Upper
 172 100
 171 41.4 34.6 51.8
 170 26.5 23.3 34.9



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: 6.062 ng

RT: 14.08 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG043831.D

Acq: 17 Dec 2019 22:35

Instrument :

BNA_G

ClientSampled :

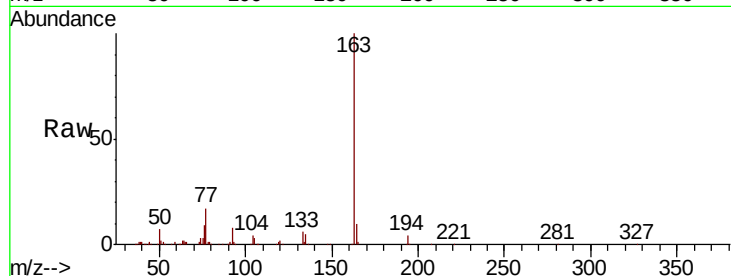
Tot Ion:163 Resp: 163388

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

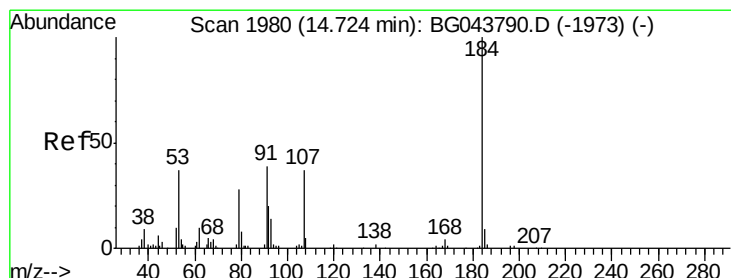
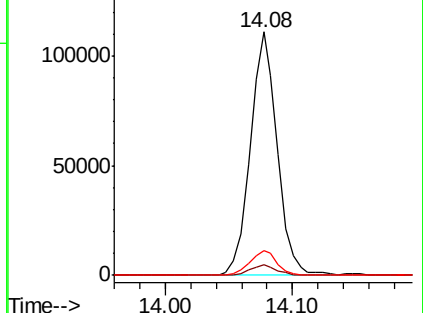
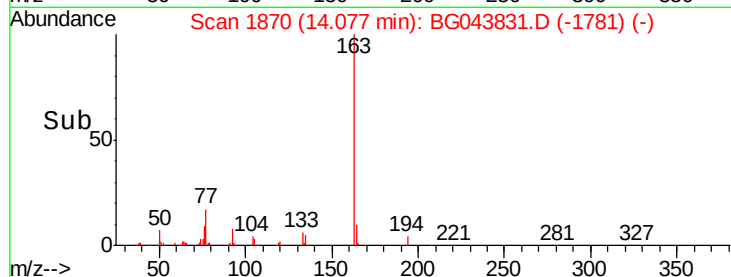
164 10.4 9.4 14.0



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



#54

2,4-Dinitrophenol

Concen: 3.974 ng

RT: 14.97 min Scan# 2022

Delta R.T. 0.25 min

Lab File: BG043831.D

Acq: 17 Dec 2019 22:35

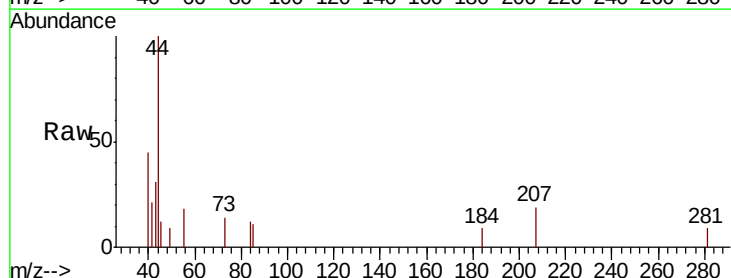
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 0.0 43.4 65.0#

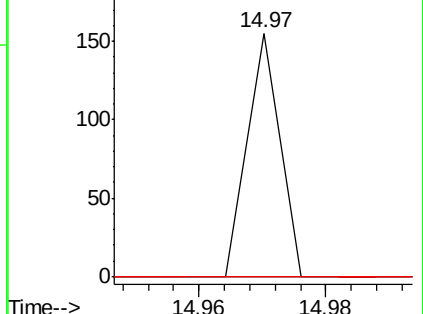
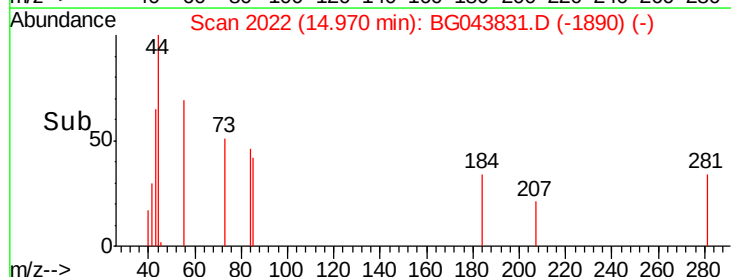
154 0.0 54.8 82.2#

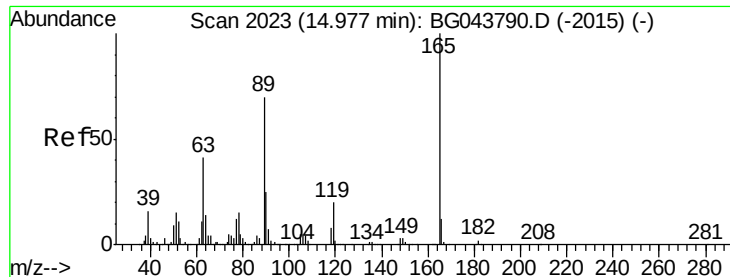


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

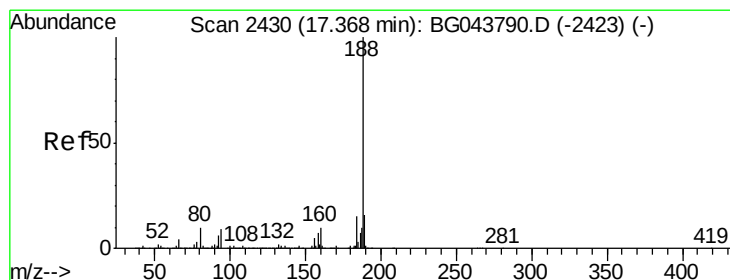
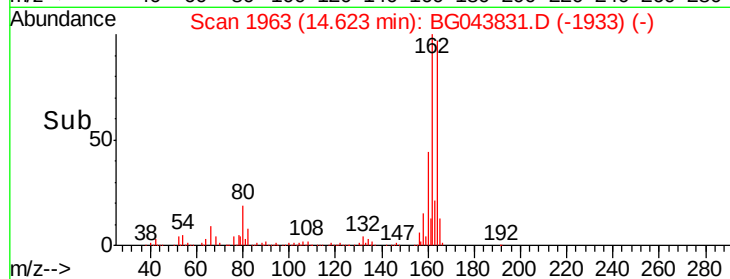
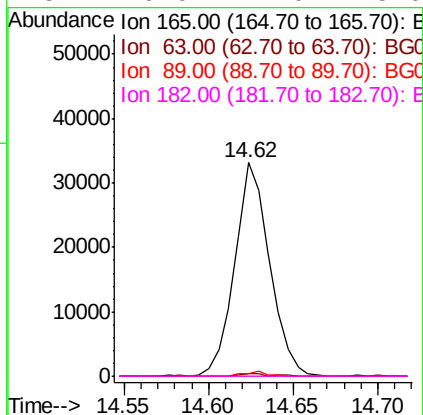
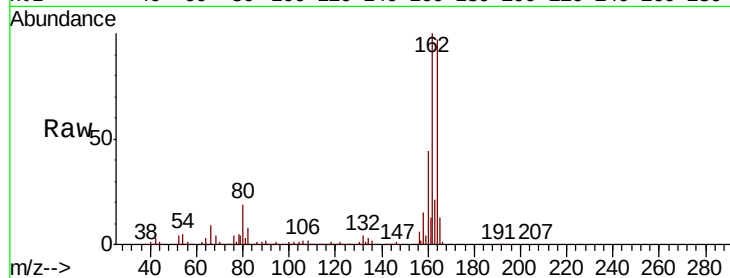




#57
2,4-Dinitrotoluene
Concen: 6.075 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.35 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

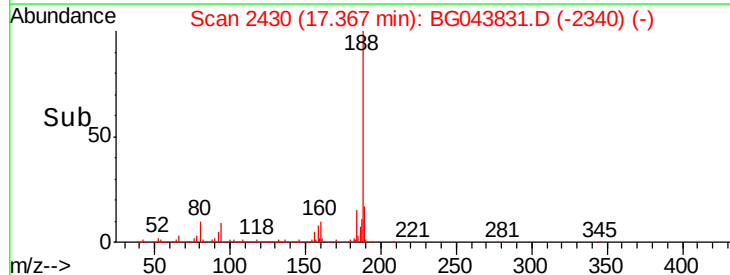
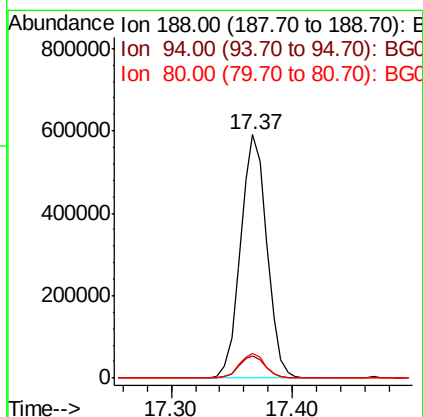
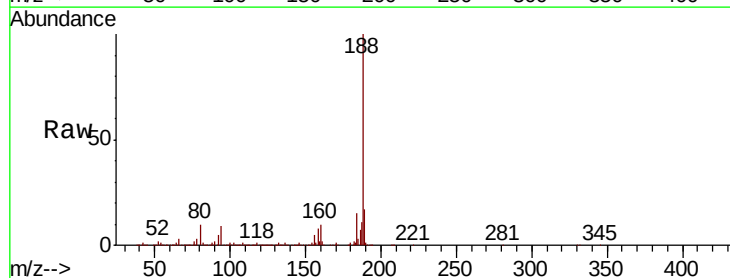
Instrument :
BNA_G
ClientSampleId :

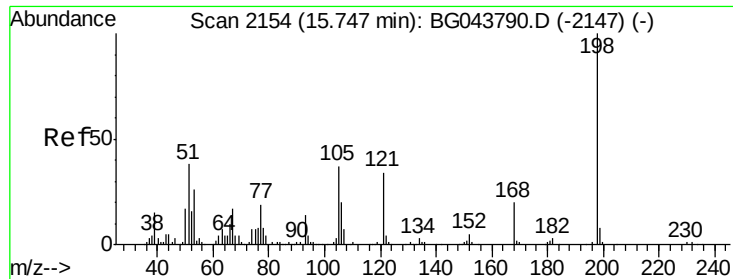
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.7	49.1#
89	1.3	56.1	84.1#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.9	10.3
80	9.9	7.8	11.8

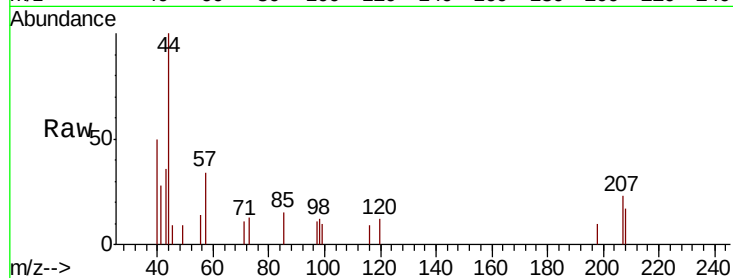




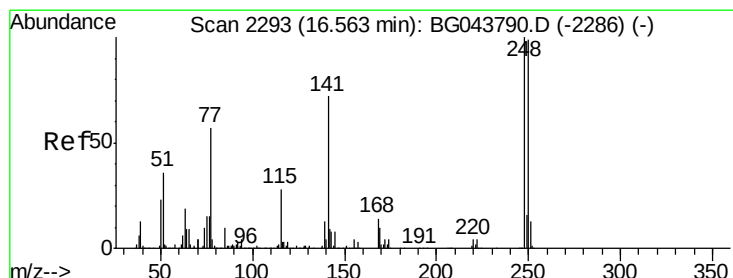
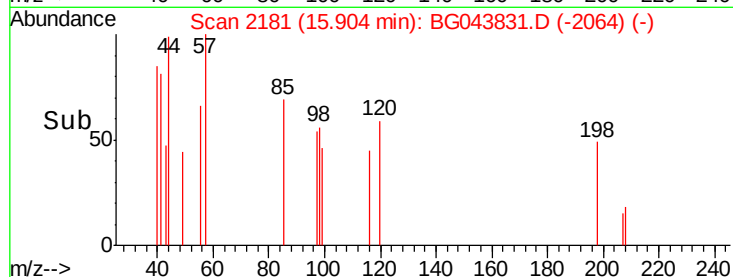
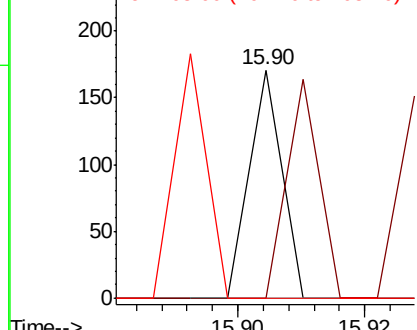
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.515 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. 0.16 min
 Lab File: BG043831.D
 Acq: 17 Dec 2019 22:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 60
 Ion Ratio Lower Upper
 198 100
 51 0.0 18.9 58.9#
 105 0.0 18.1 58.1#

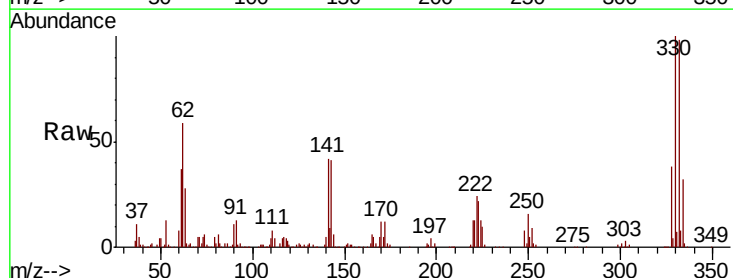


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

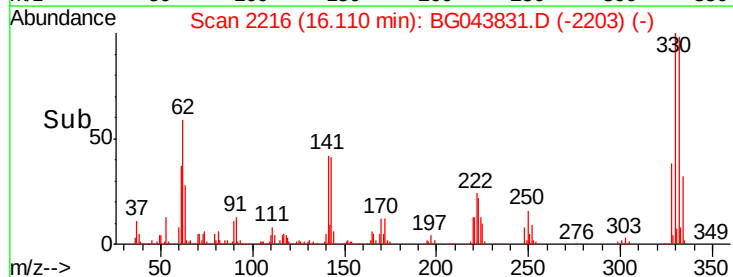
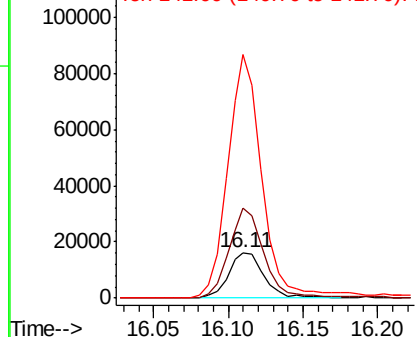


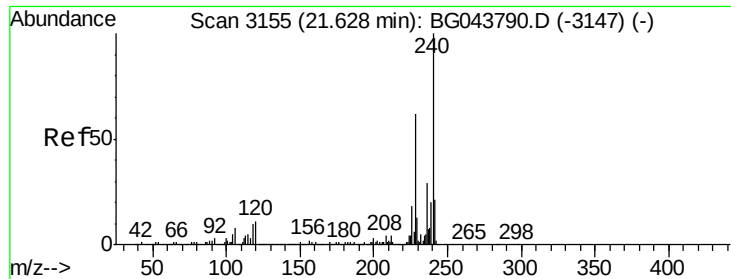
#67
 4-Bromophenyl-phenylether
 Concen: 2.810 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.45 min
 Lab File: BG043831.D
 Acq: 17 Dec 2019 22:35

Tgt Ion:248 Resp: 26899
 Ion Ratio Lower Upper
 248 100
 250 197.0 79.0 118.6#
 141 532.3 57.8 86.6#



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

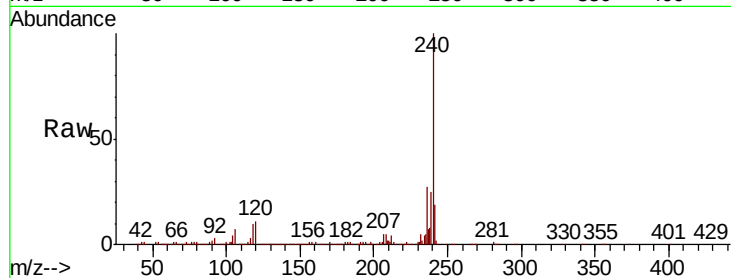




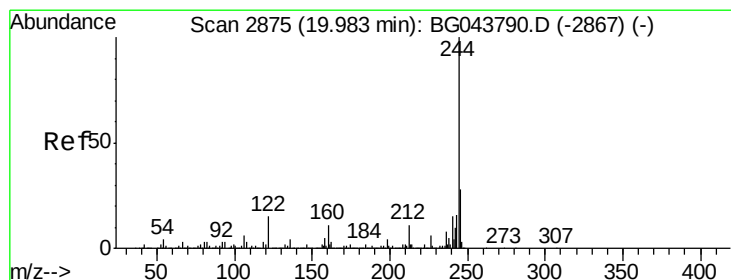
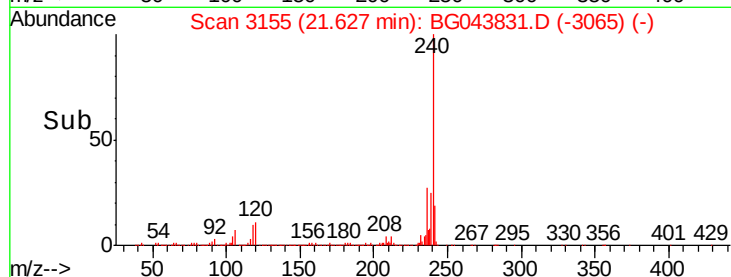
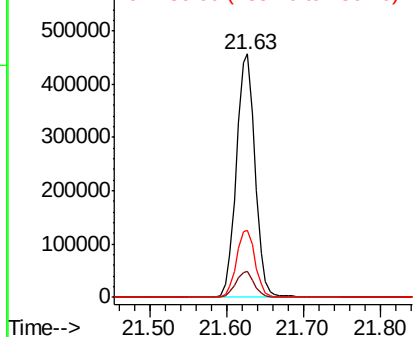
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 778942
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 27.4 23.1 34.7

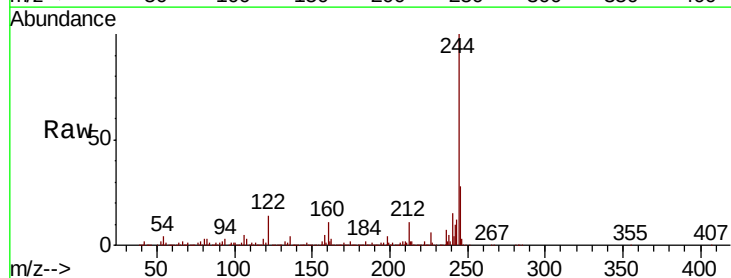


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

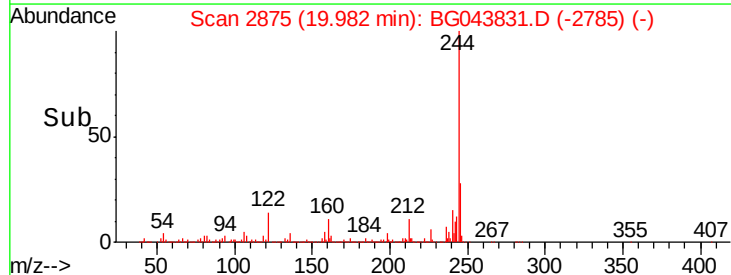
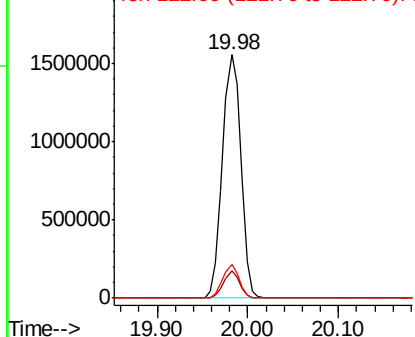


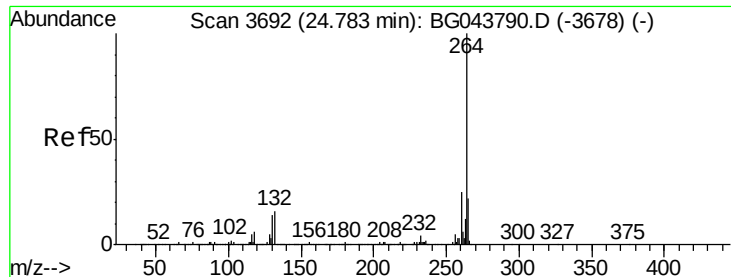
#79
Terphenyl-d14
Concen: 67.919 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion:244 Resp: 2199082
Ion Ratio Lower Upper
244 100
212 11.1 9.1 13.7
122 13.9 11.6 17.4



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

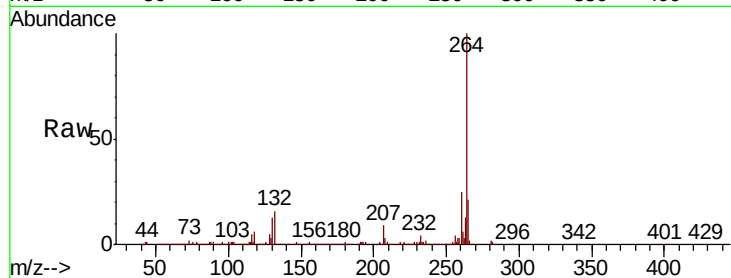




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	20.6	17.9	26.9



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

