

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042947.D
 Acq On : 30 Sep 2019 17:39
 Operator : JU
 Sample : K5083-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:11:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

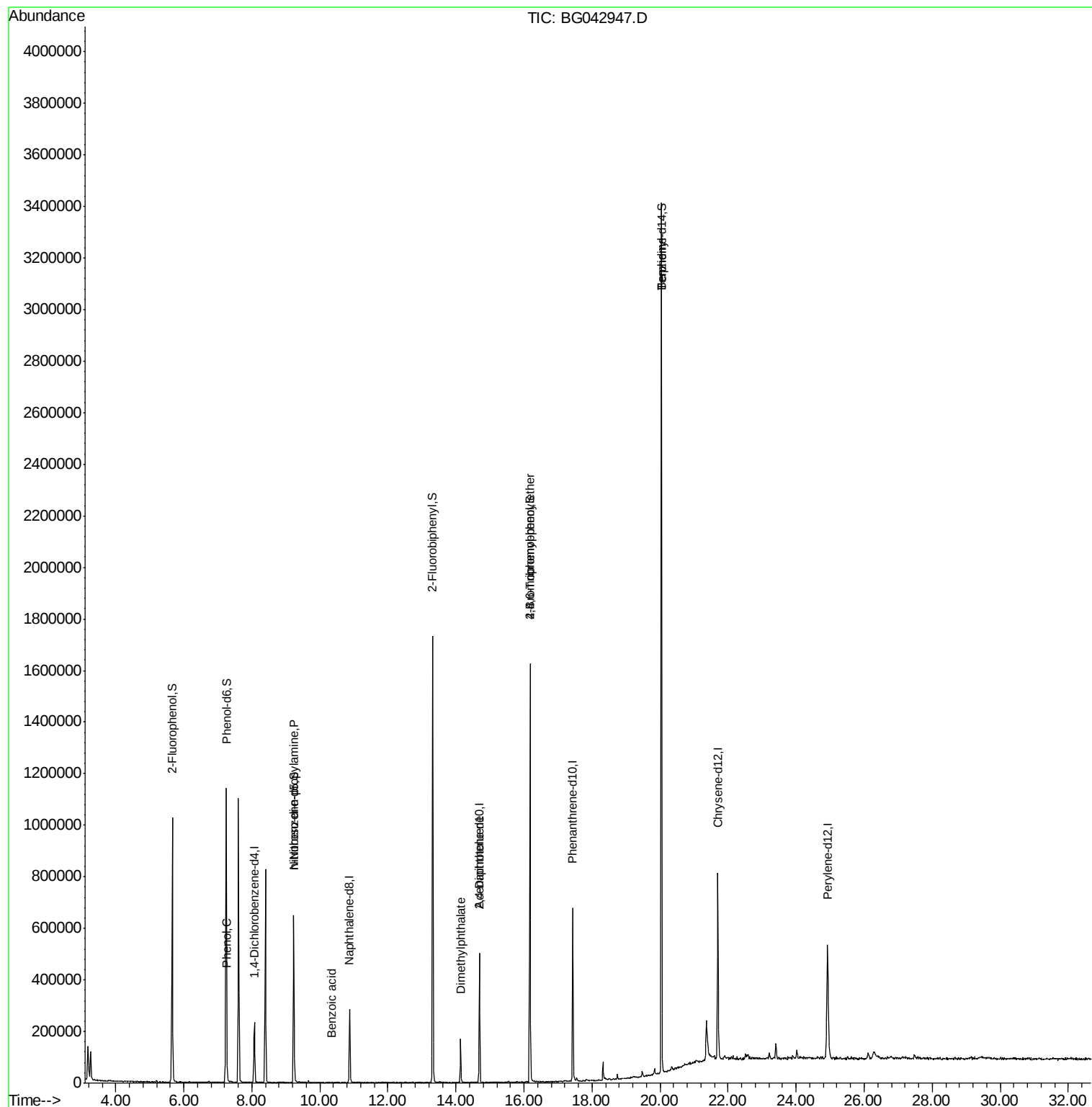
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	67257	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	248313	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	175273	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	422298	20.00	ng	0.00
76) Chrysene-d12	21.70	240	463366	20.00	ng	-0.02
87) Perylene-d12	24.92	264	527492	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	432019	114.63	ng	0.00
7) Phenol-d6	7.24	99	626380	115.42	ng	0.00
23) Nitrobenzene-d5	9.23	82	394520	77.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	338651	112.36	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	931405	77.04	ng	-0.01
79) Terphenyl-d14	20.04	244	1666385	76.63	ng	0.00
Target Compounds						
10) Phenol	7.27	94	19132	3.842	ng	81
19) n-Nitroso-di-n-propylamine	9.23	70	51501	14.452	ng	# 79
32) Benzoic acid	10.34	122	62	2.826	ng	# 1
50) Dimethylphthalate	14.14	163	108035	8.226	ng	# 98
57) 2,4-Dinitrotoluene	14.68	165	24963	6.095	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	23793	4.489	ng	# 1
77) Benzidine	20.04	184	28832	2.485	ng	# 94

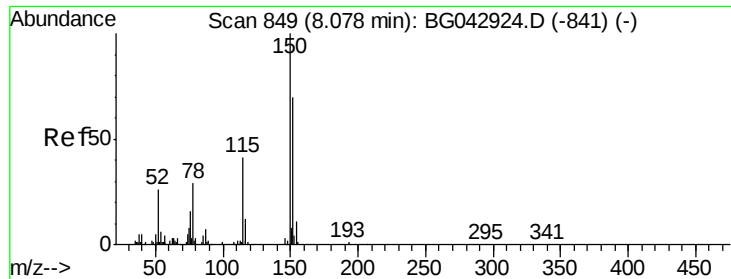
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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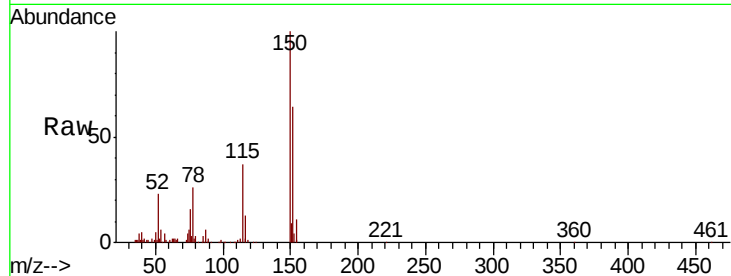


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	115.0	172.4
115	57.8	47.0	70.6

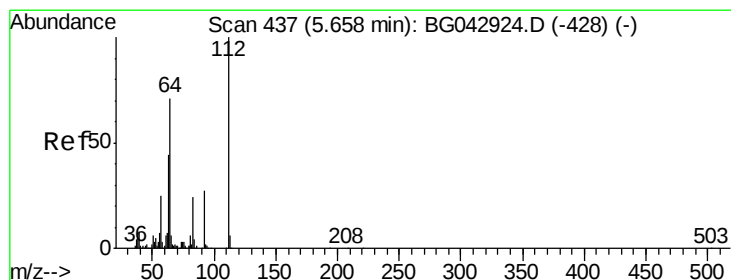
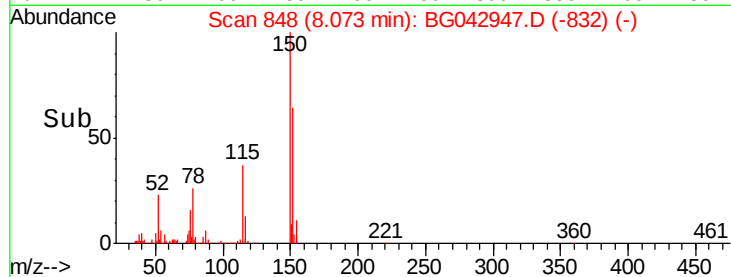
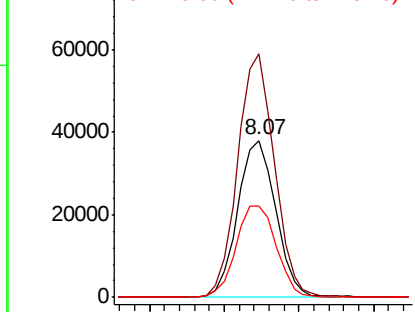


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

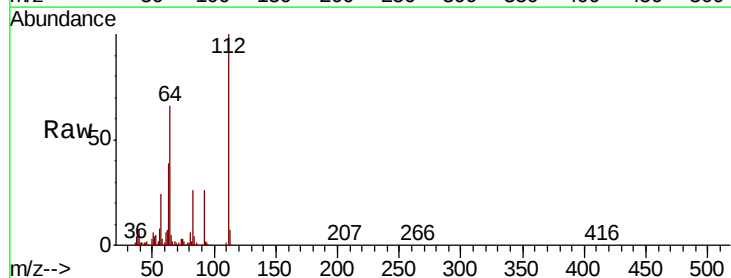
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.633 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	56.6	84.8
63	39.3	35.1	52.7

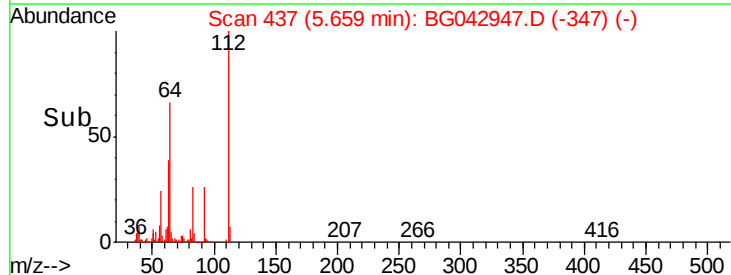
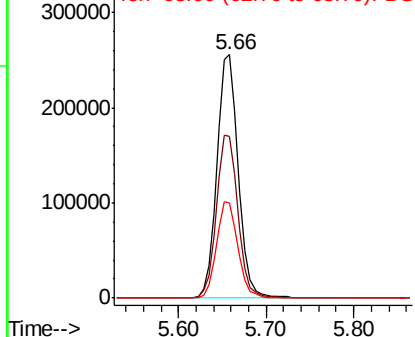


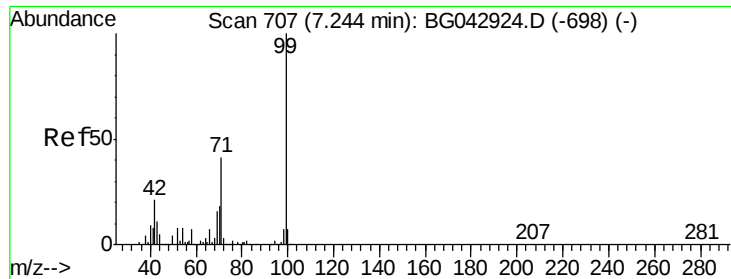
Abundance

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: 115.416 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

Instrument :

BNA_G

ClientSampleId :

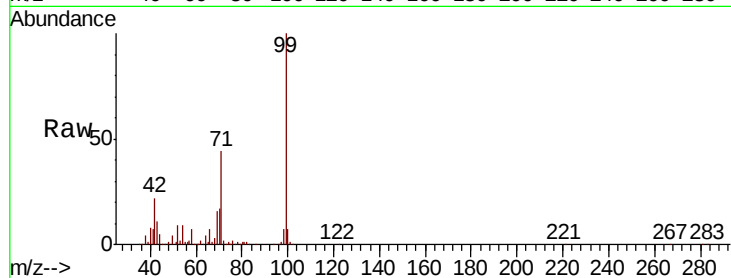
Tot Ion: 99 Resp: 626380

Ion Ratio Lower Upper

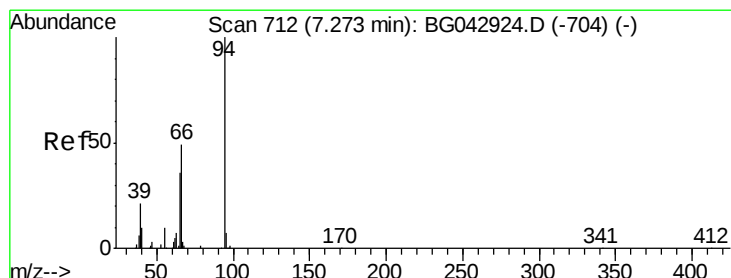
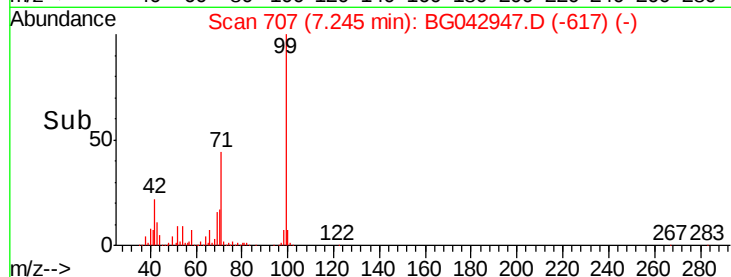
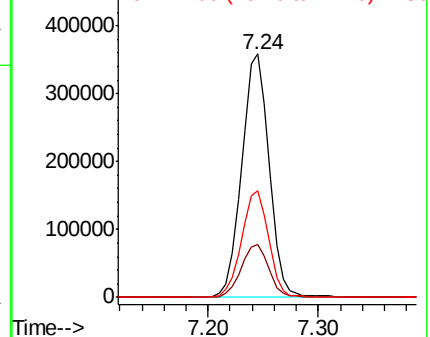
99 100

42 21.9 17.2 25.8

71 43.6 33.1 49.7



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: 3.842 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

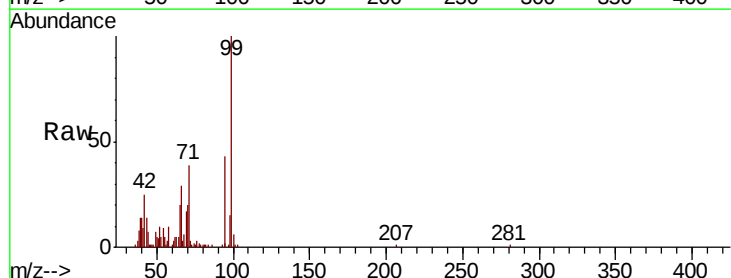
Tgt Ion: 94 Resp: 19132

Ion Ratio Lower Upper

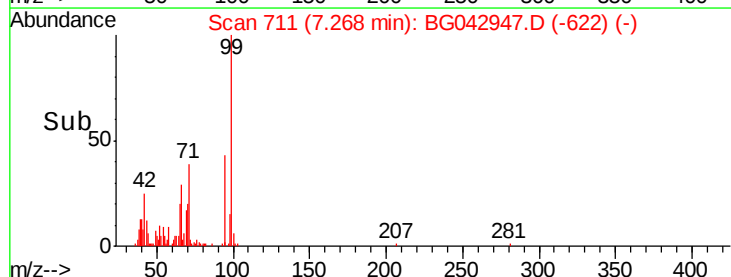
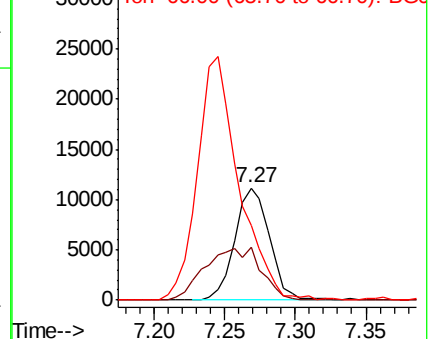
94 100

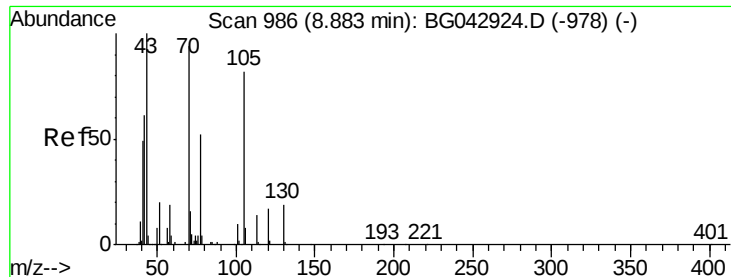
65 47.0 16.6 56.6

66 66.9 32.4 72.4



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

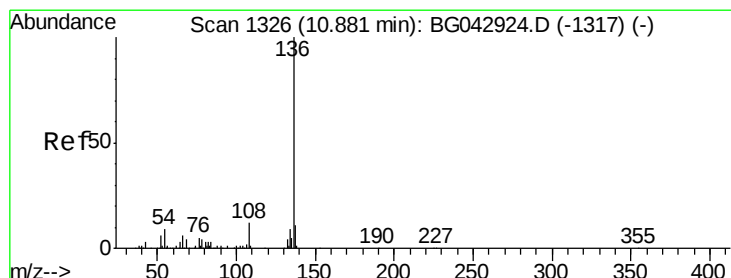
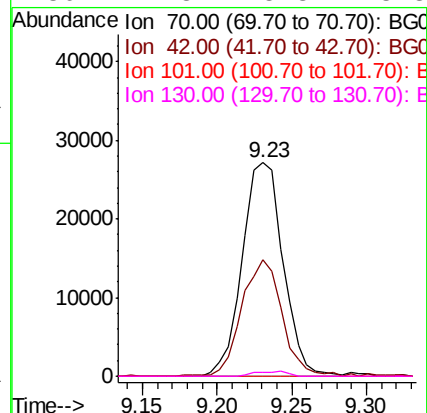
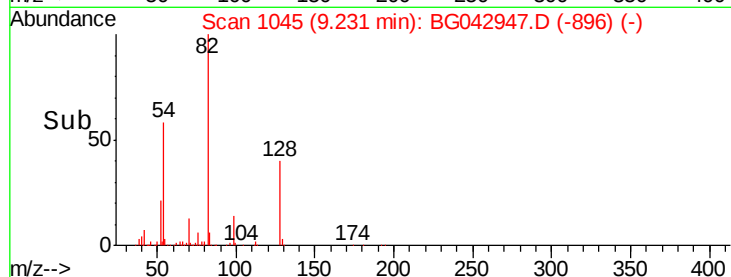
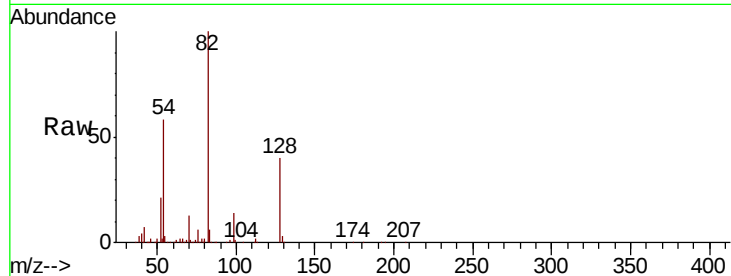




#19
n-Nitroso-di-n-propylamine
Concen: 14.452 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

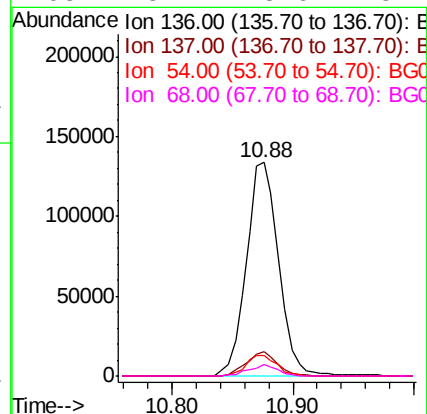
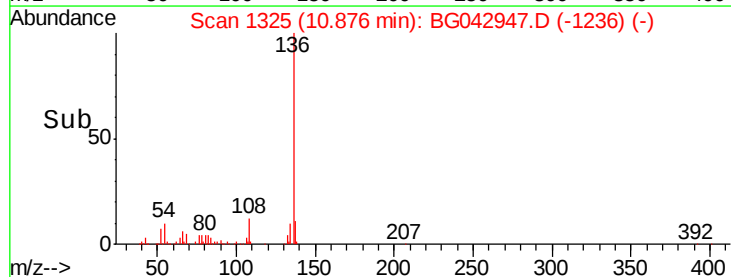
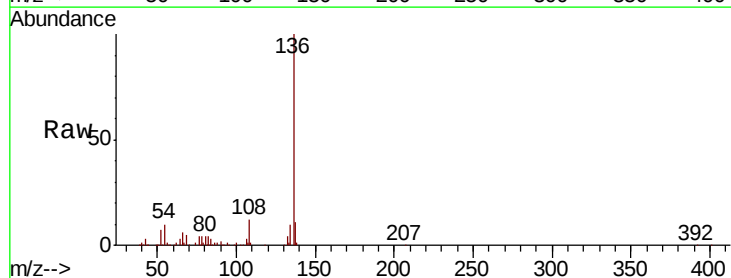
Instrument :
BNA_G
ClientSampleId :

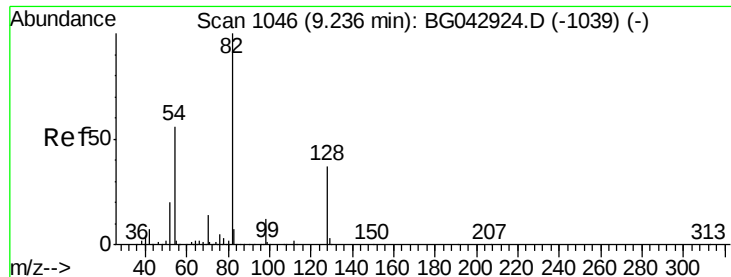
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	52.6	79.0
101	0.0	8.7	13.1#
130	1.8	15.8	23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.7	7.4	11.2
68	5.4	3.6	5.4#

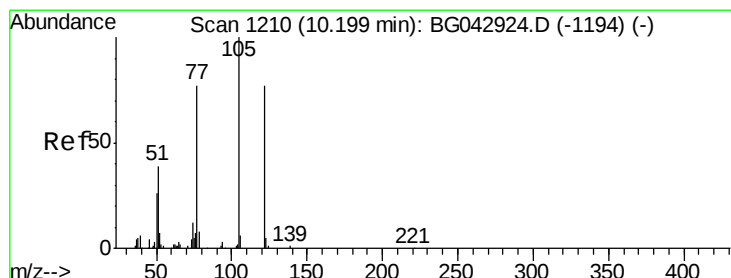
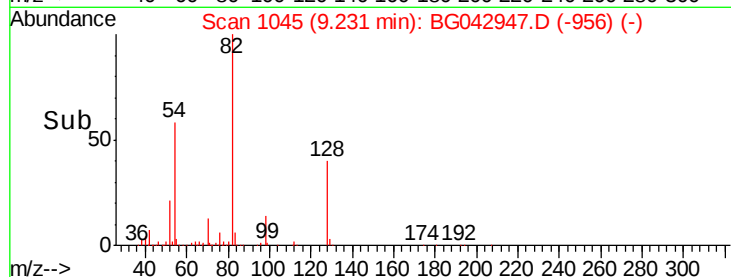
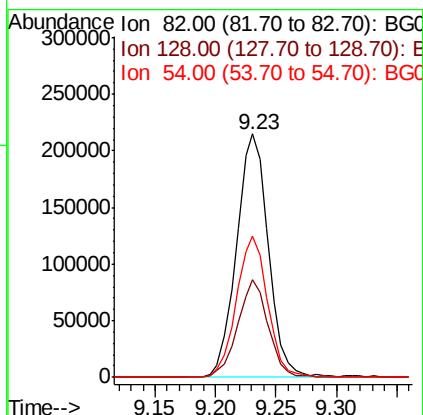
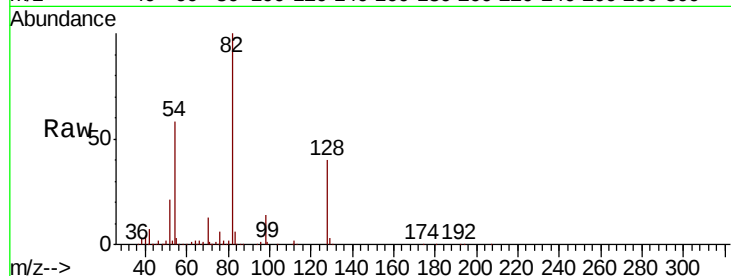




#23
Nitrobenzene-d5
Concen: 77.224 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

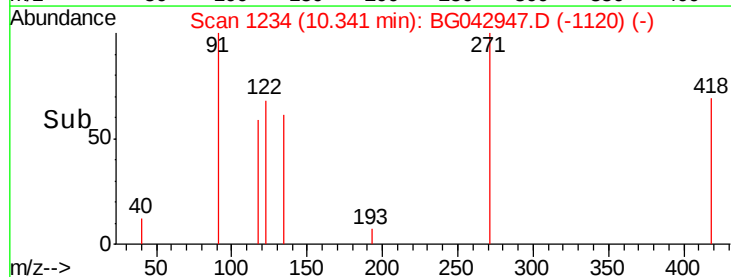
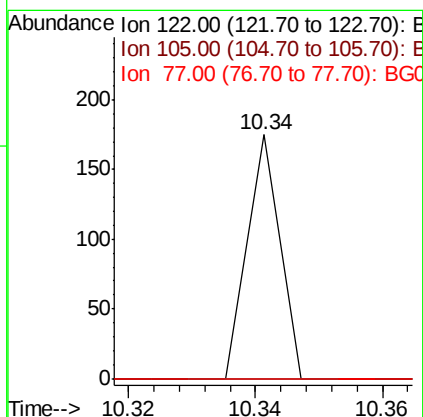
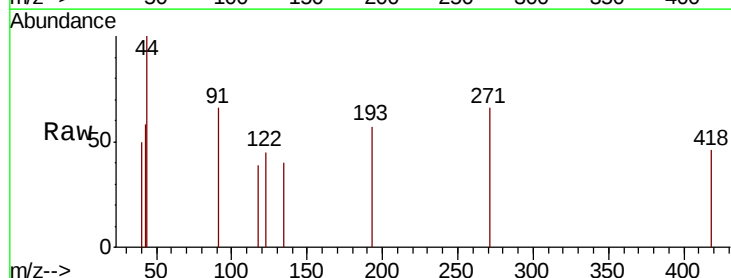
Instrument :
BNA_G
ClientSampled :

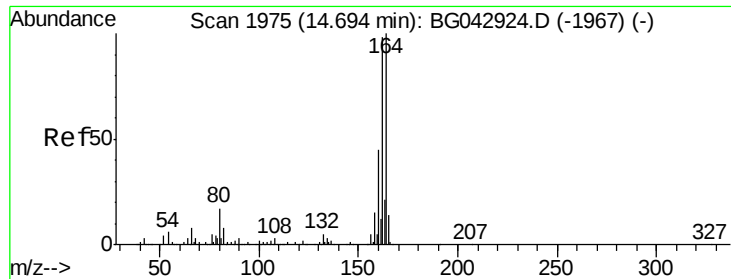
Tot Ion	82	Resp	394520
Ion Ratio	Lower	Upper	
82	100		
128	40.0	29.5	44.3
54	57.8	44.6	67.0



#32
Benzoic acid
Concen: 2.826 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.14 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Tgt Ion	122	Resp	62
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#

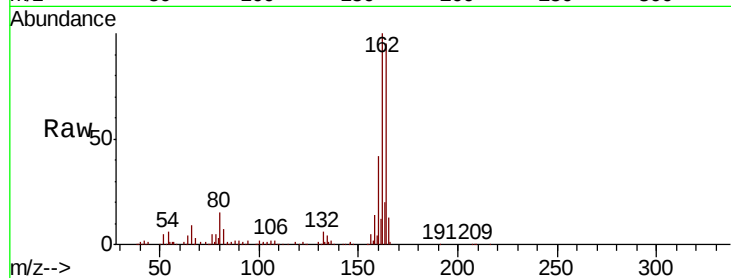




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.5	117.7
160	44.8	35.9	53.9

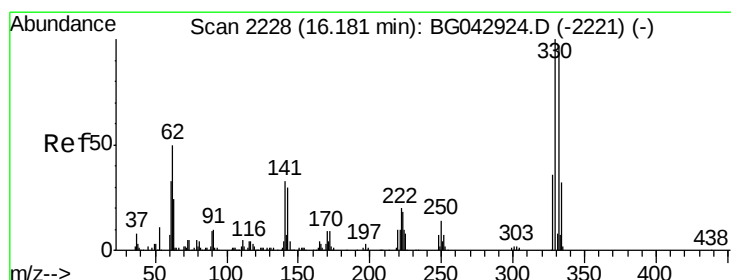
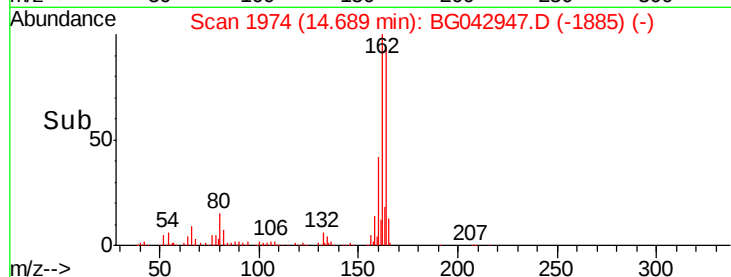
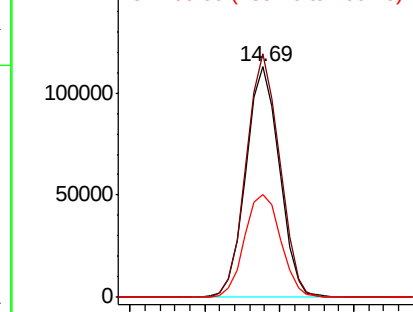


Abundance

Ion 164.00 (163.70 to 164.70): E

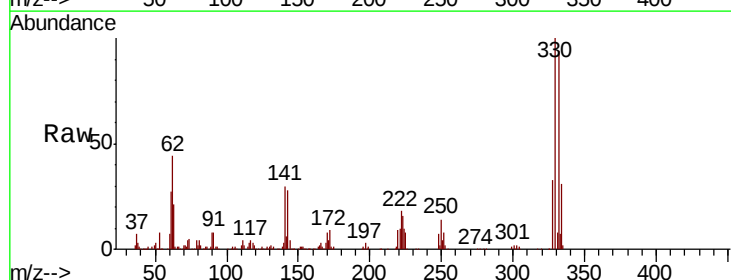
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 112.362 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	31.7	26.0	39.0

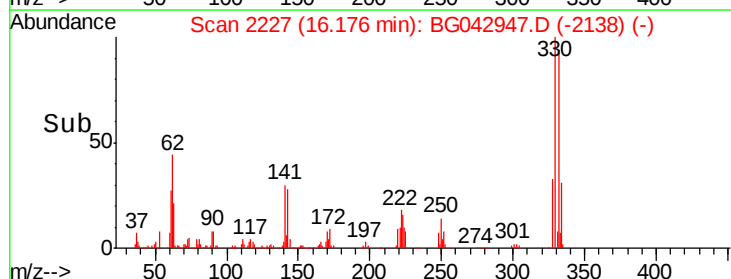
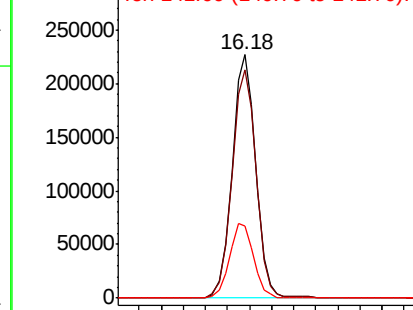


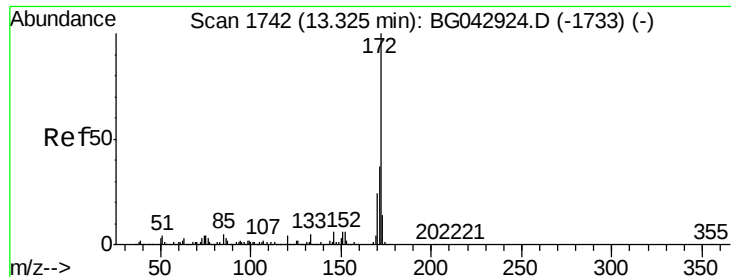
Abundance

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

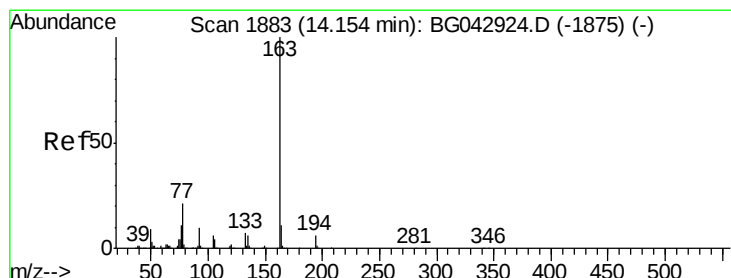
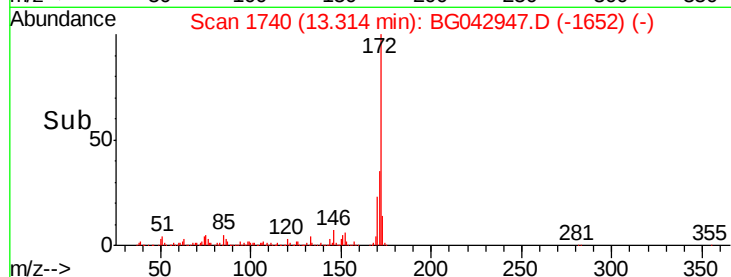
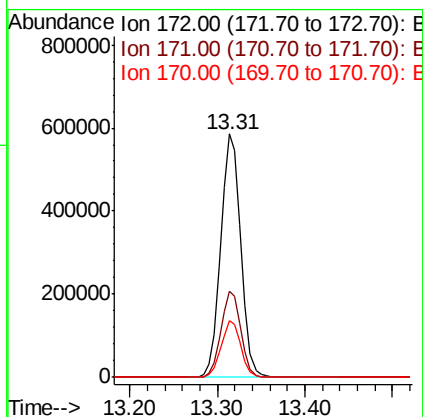
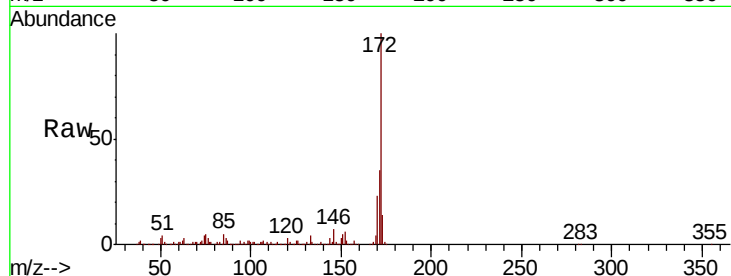




#45
2-Fluorobiphenyl
Concen: 77.037 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

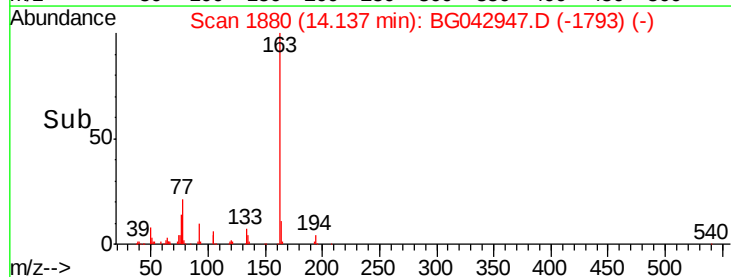
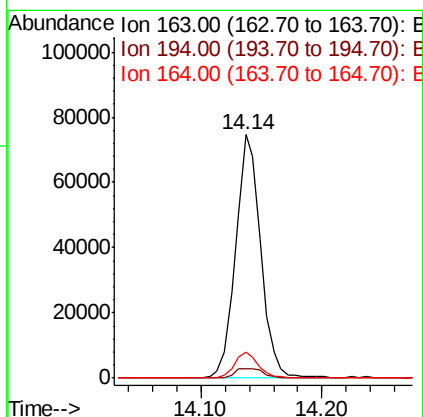
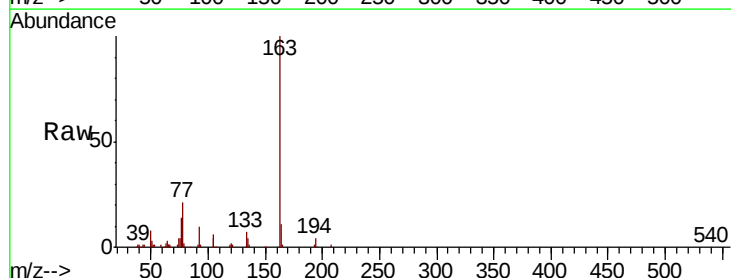
Instrument :
BNA_G
ClientSampleId :

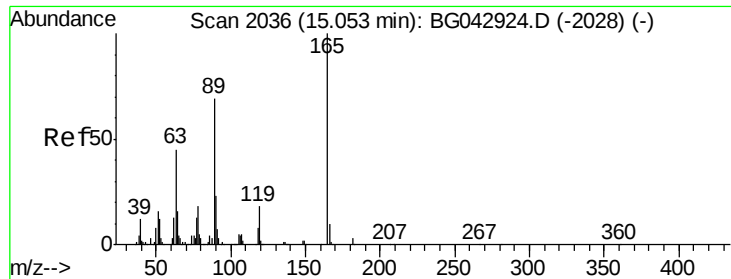
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.1	19.6	29.4



#50
Dimethylphthalate
Concen: 8.226 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.4	6.6#
164	10.6	8.6	12.8

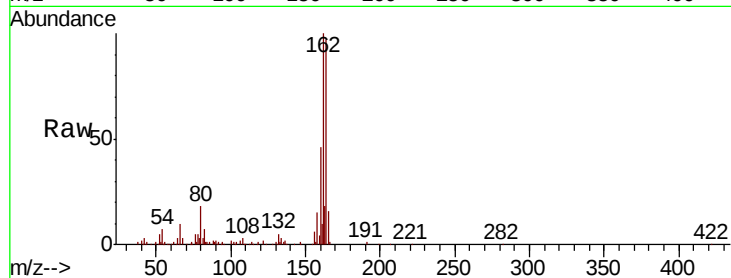




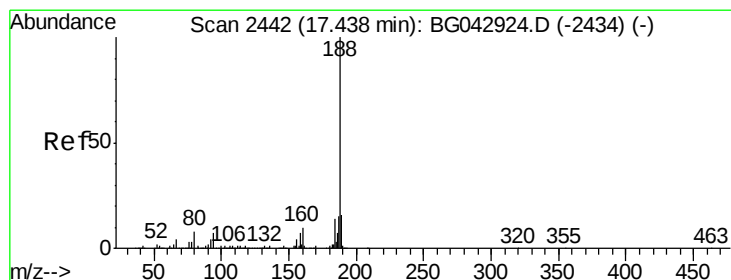
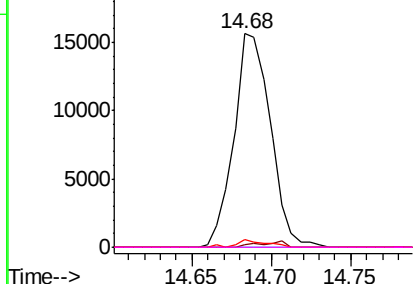
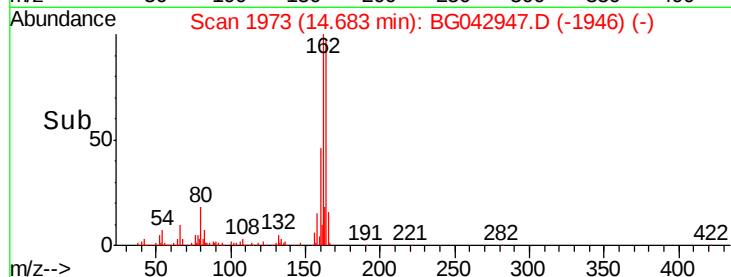
#57
 2,4-Dinitrotoluene
 Concen: 6.095 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.37 min
 Lab File: BG042947.D
 Acq: 30 Sep 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.5	54.7#
89	3.3	55.5	83.3#
182	0.0	2.4	3.6#

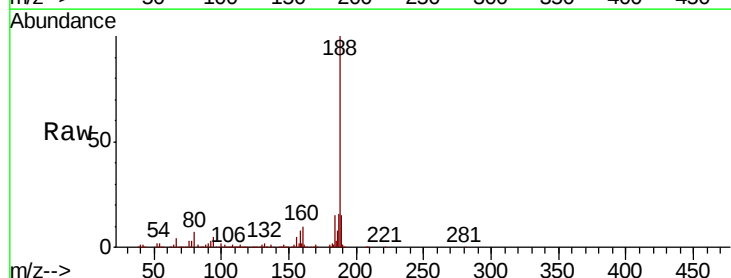


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

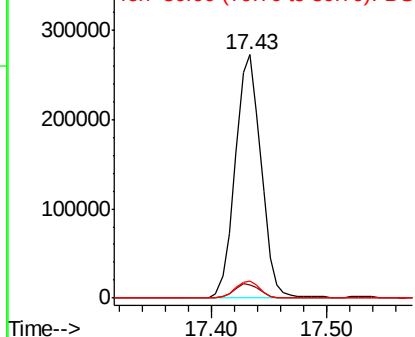
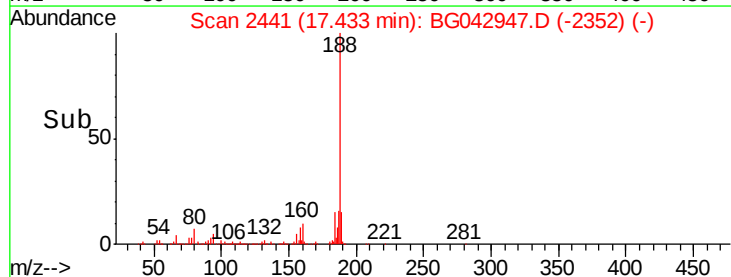


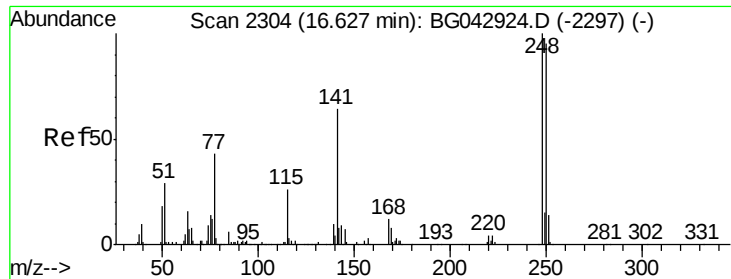
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG042947.D
 Acq: 30 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.7	8.5#
80	7.1	6.5	9.7



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

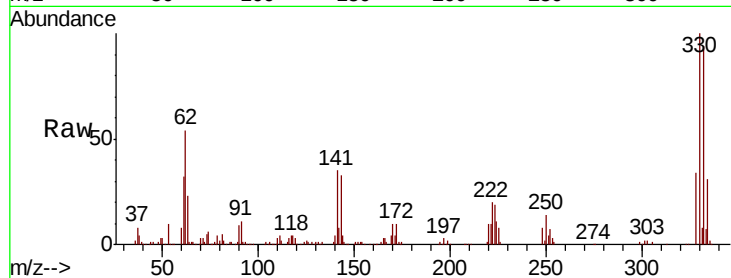




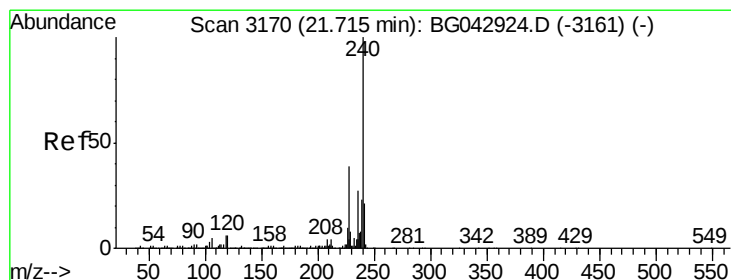
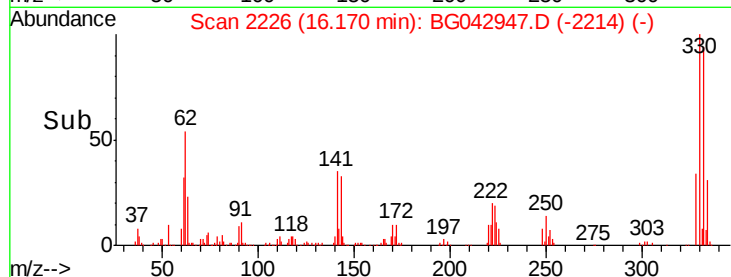
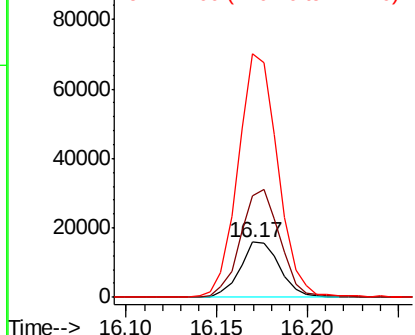
#67
 4-Bromophenyl-phenylether
 Concen: 4.489 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG042947.D
 Acq: 30 Sep 2019 17:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 23793
 Ion Ratio Lower Upper
 248 100
 250 185.2 75.8 113.8#
 141 441.8 51.1 76.7#

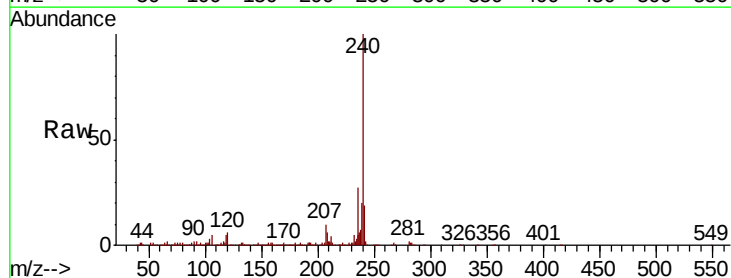


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

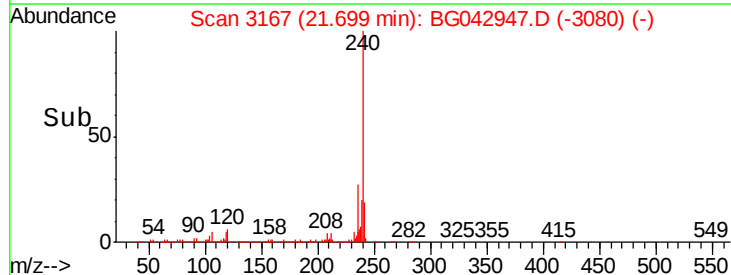
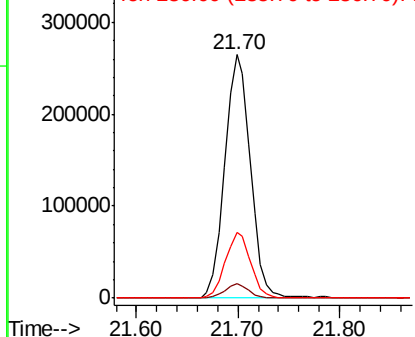


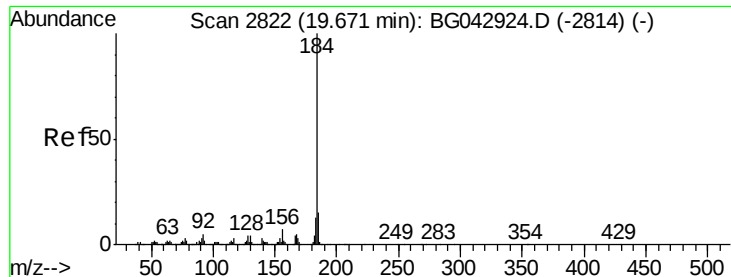
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG042947.D
 Acq: 30 Sep 2019 17:39

Tgt Ion:240 Resp: 463366
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.8 7.2
 236 26.8 21.4 32.0



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: 2.485 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.37 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

Instrument :

BNA_G

ClientSampleId :

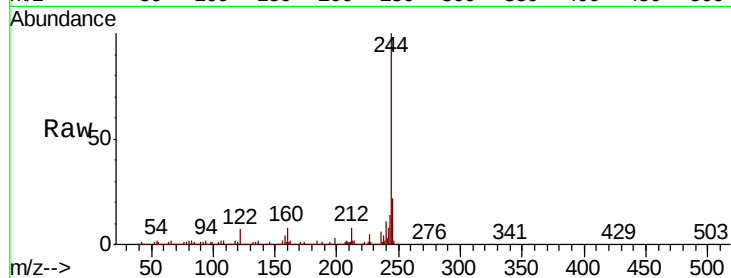
Tot Ion:184 Resp: 28832

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

183 7.7 10.1 15.1#

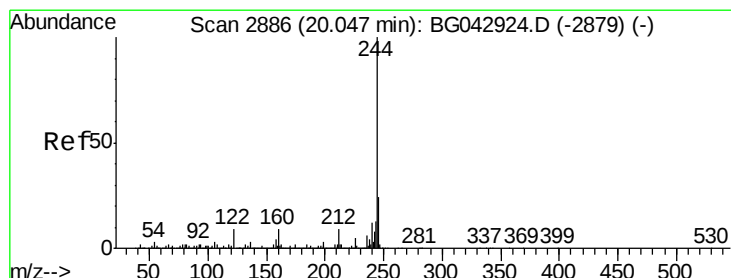
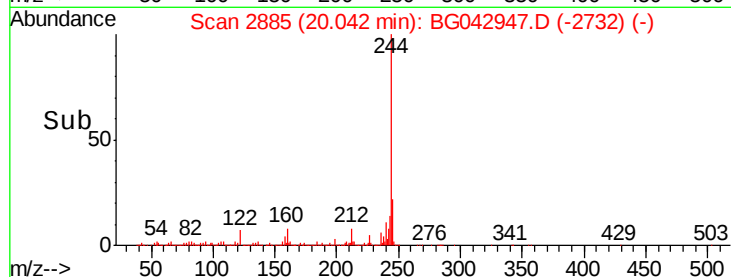
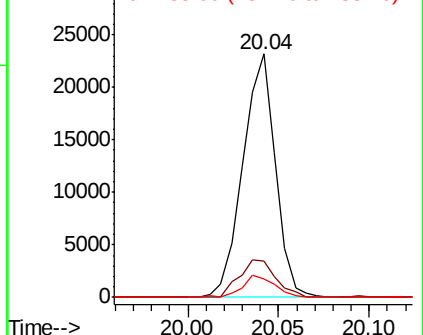


Abundance

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: 76.632 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

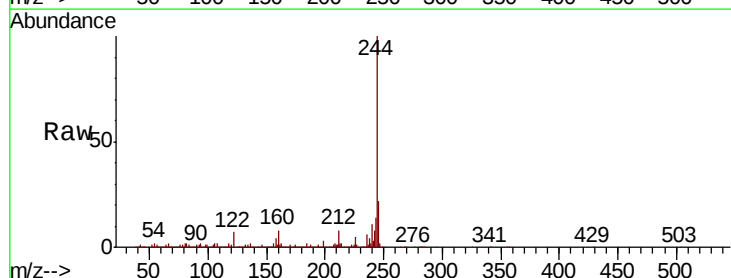
Tgt Ion:244 Resp: 1666385

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.0

122 7.2 7.0 10.4

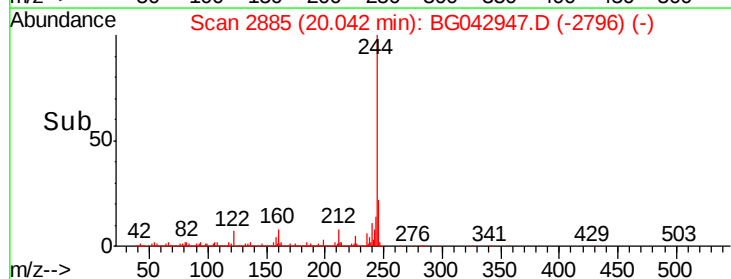
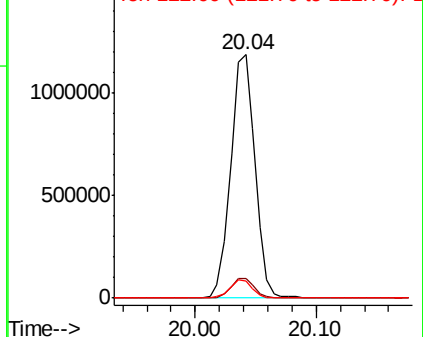


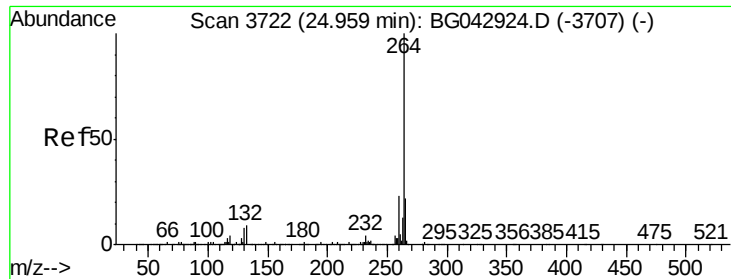
Abundance

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

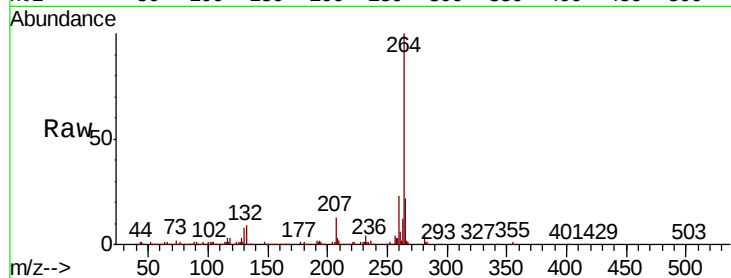




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.03 min
 Lab File: BG042947.D
 Acq: 30 Sep 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.4	17.7	26.5

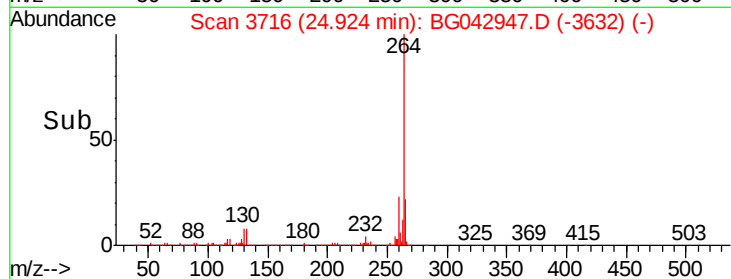
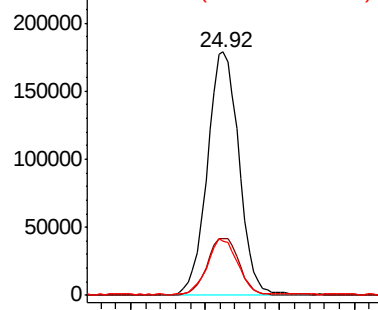


Abundance

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



Time-->