

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042862.D
 Acq On : 16 Sep 2019 23:40
 Operator : HP/JU
 Sample : K4884-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:23:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

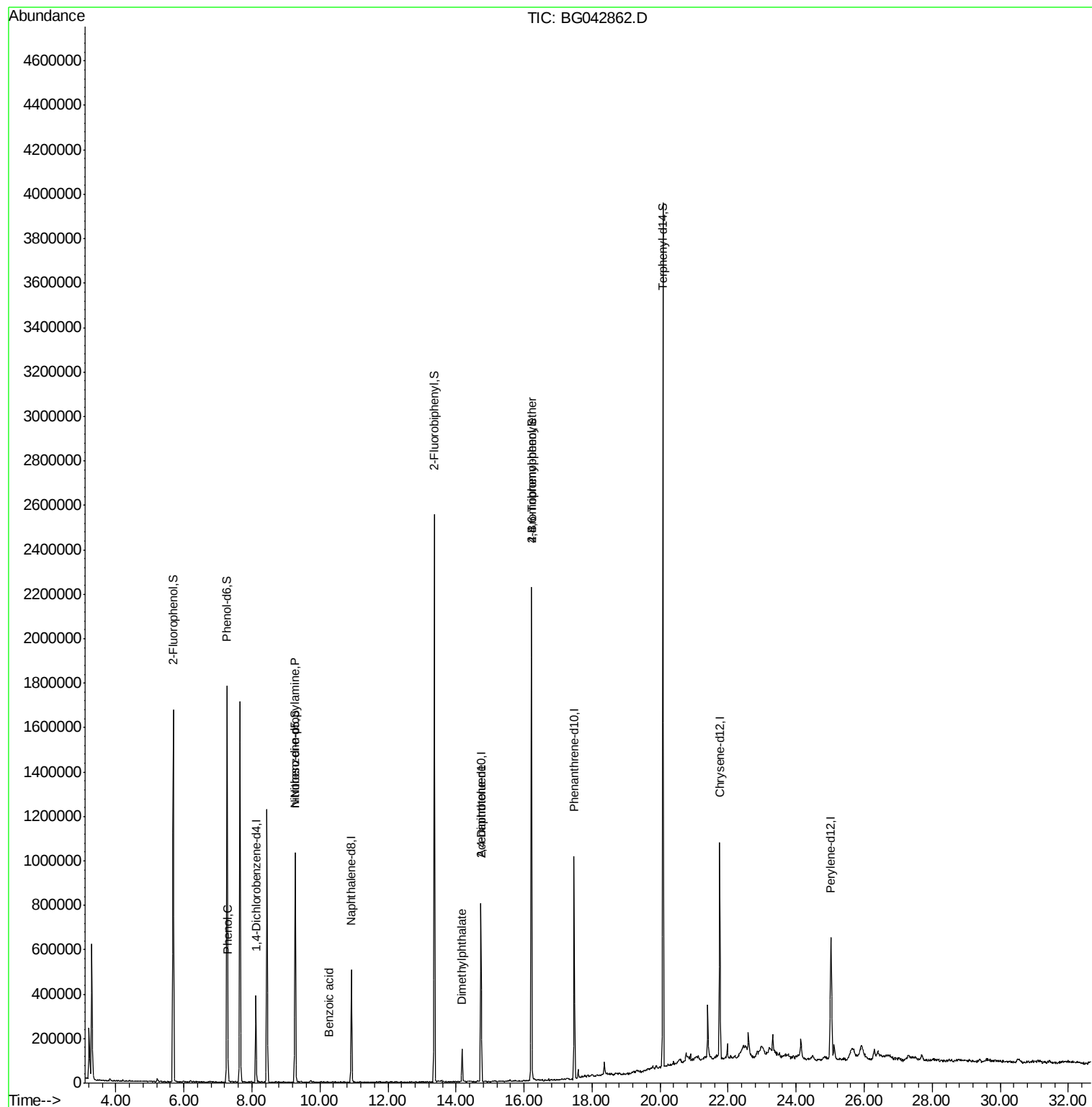
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	109447	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	436461	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	293101	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	626263	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	593767	20.00	ng	-0.01
87) Perylene-d12	25.02	264	656273	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	689127	109.47	ng	0.00
7) Phenol-d6	7.27	99	1035193	114.56	ng	0.00
23) Nitrobenzene-d5	9.27	82	664065	79.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	435982	111.81	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1327157	71.68	ng	-0.01
79) Terphenyl-d14	20.08	244	1827671	68.22	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	52552	5.671	ng	98
19) n-Nitroso-di-n-propylamine	9.27	70	88862	13.346	ng	# 67
32) Benzoic acid	10.28	122	54	5.974	ng	# 1
50) Dimethylphthalate	14.18	163	101955	4.643	ng	# 98
57) 2,4-Dinitrotoluene	14.74	165	40604	6.761	ng	# 24
67) 4-Bromophenyl-phenylether	16.22	248	31123	4.106	ng	# 1

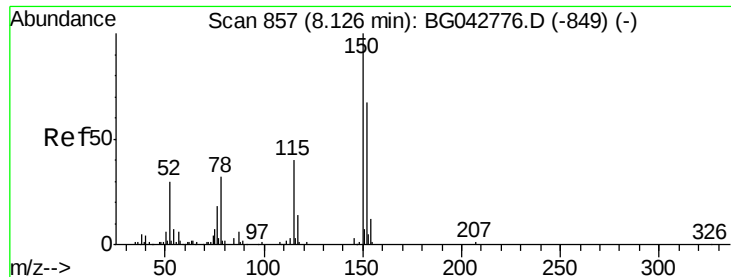
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Sep 17 01:23:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

Instrument :

BNA_G

ClientSampleId :

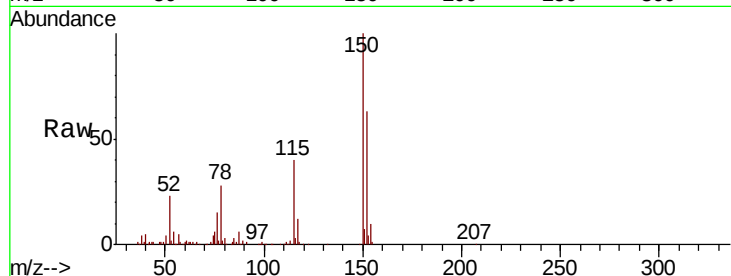
Tot Ion:152 Resp: 109447

Ion Ratio Lower Upper

152 100

150 158.8 118.9 178.3

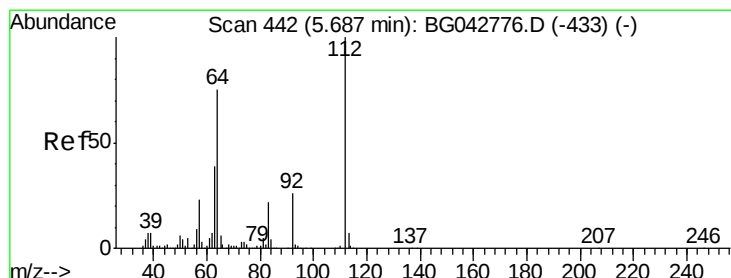
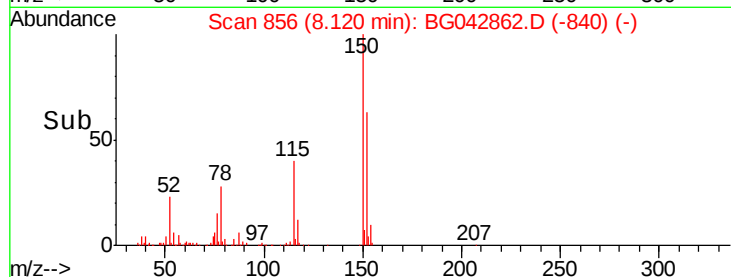
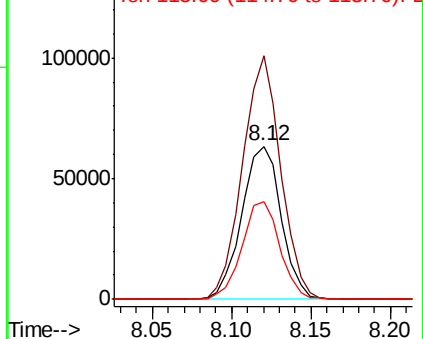
115 63.9 47.4 71.2



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: 109.467 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

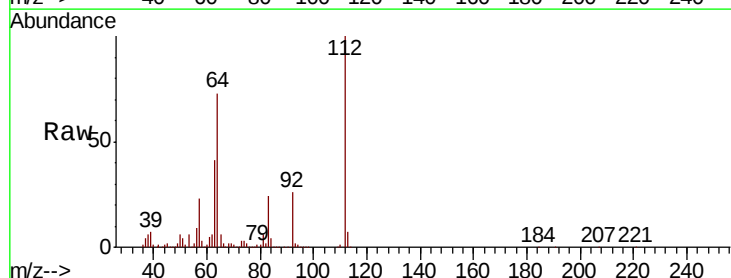
Tgt Ion:112 Resp: 689127

Ion Ratio Lower Upper

112 100

64 72.7 60.2 90.2

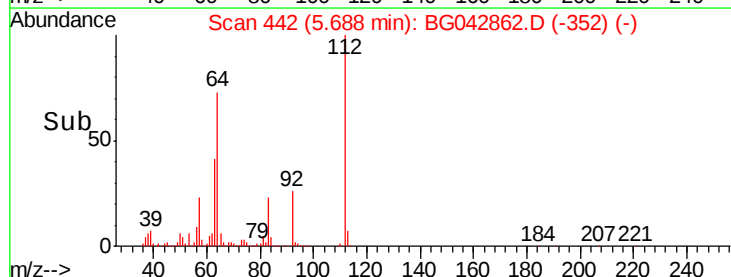
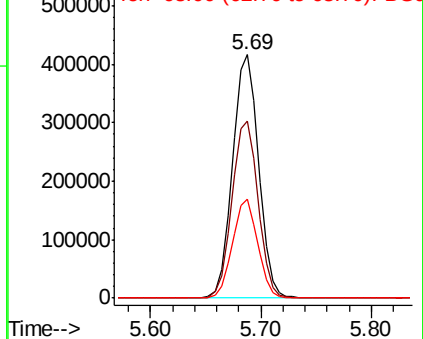
63 40.5 31.2 46.8

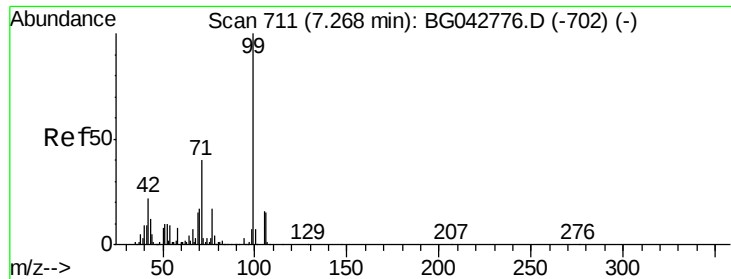


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.564 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

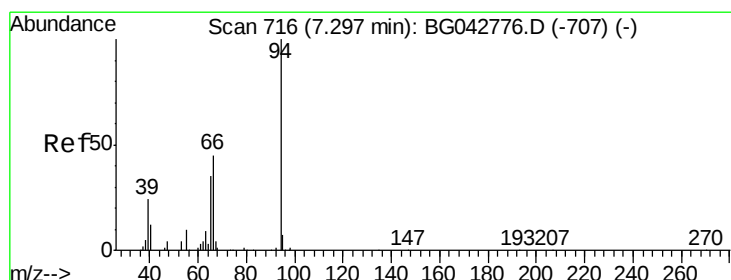
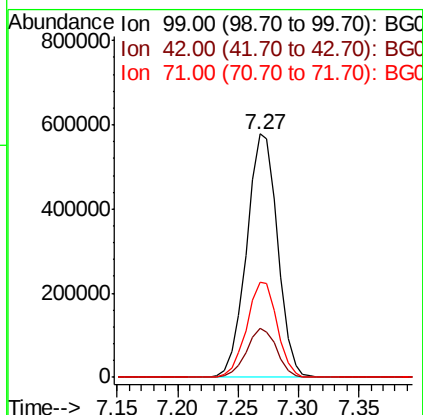
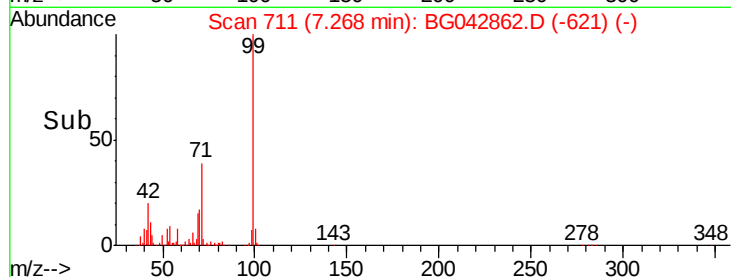
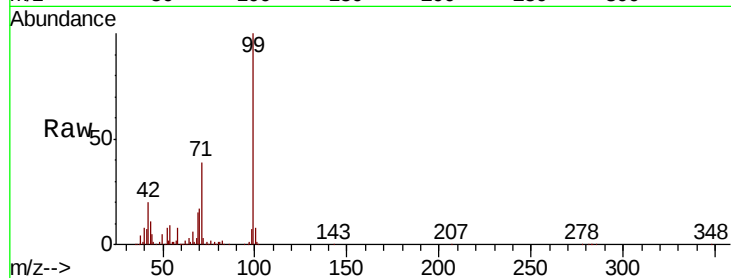
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1035193

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.5	26.3
71	39.2	32.0	48.0



#10

Phenol

Concen: 5.671 ng

RT: 7.30 min Scan# 716

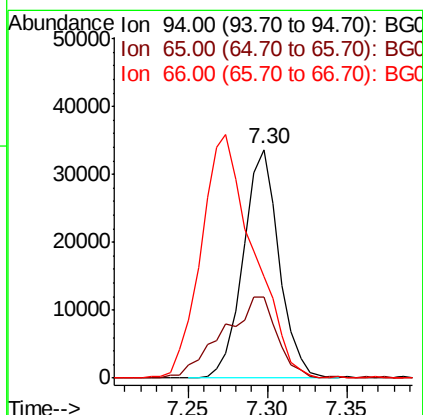
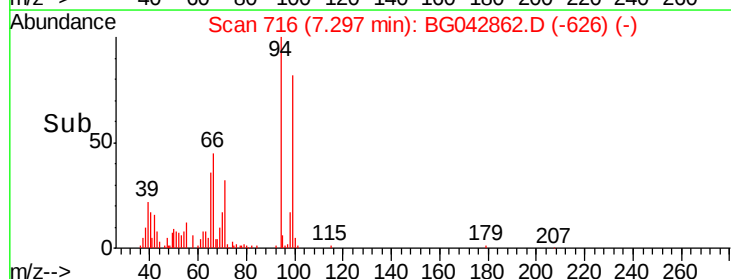
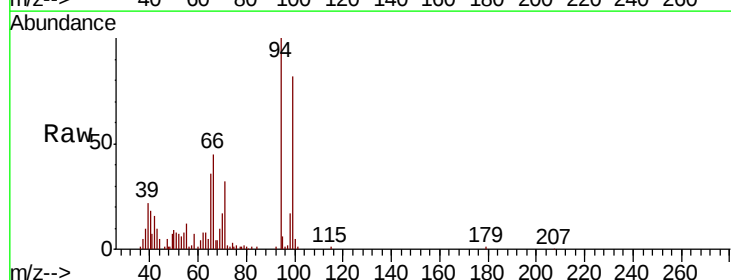
Delta R.T. 0.00 min

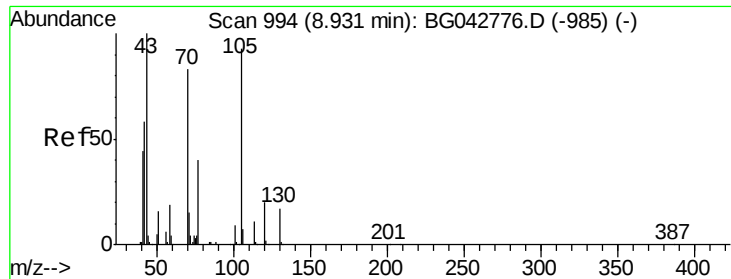
Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

Tgt Ion: 94 Resp: 52552

Ion	Ratio	Lower	Upper
94	100		
65	35.6	15.0	55.0
66	44.6	26.1	66.1

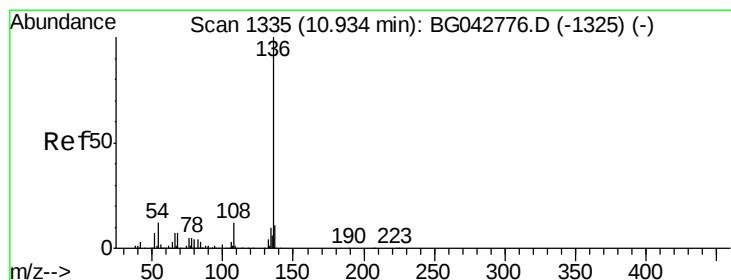
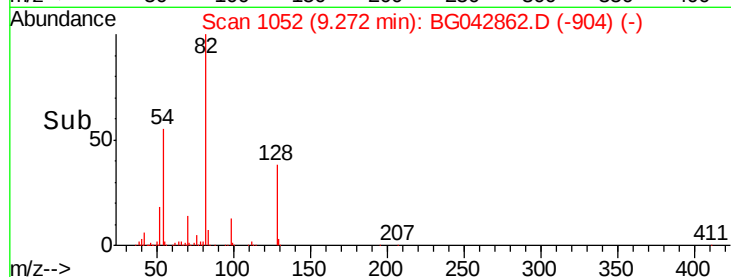
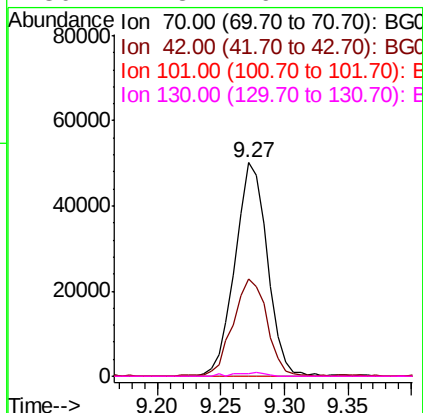
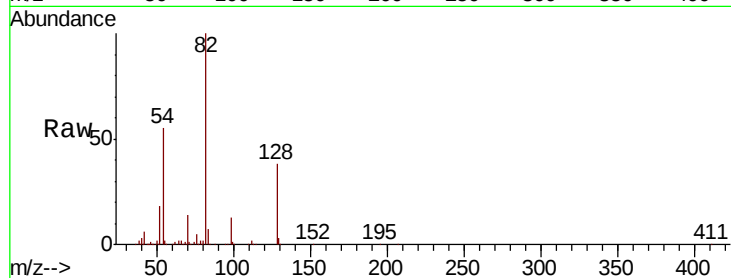




#19
n-Nitroso-di-n-propylamine
Concen: 13.346 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.34 min
Lab File: BG042862.D
Acq: 16 Sep 2019 23:40

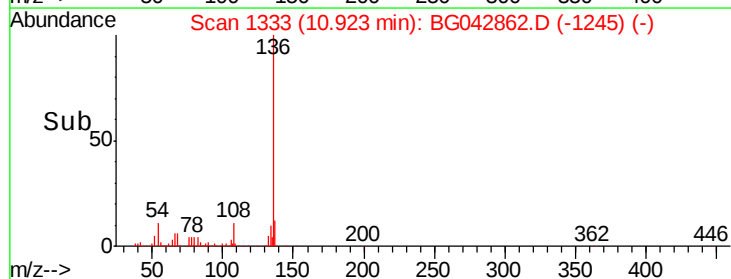
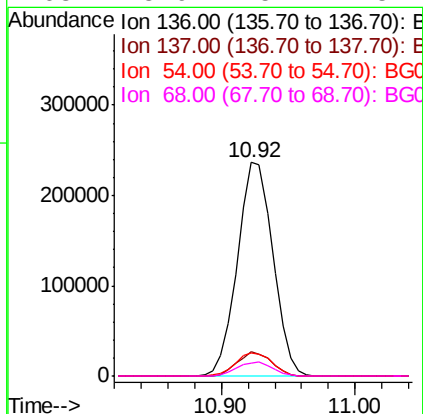
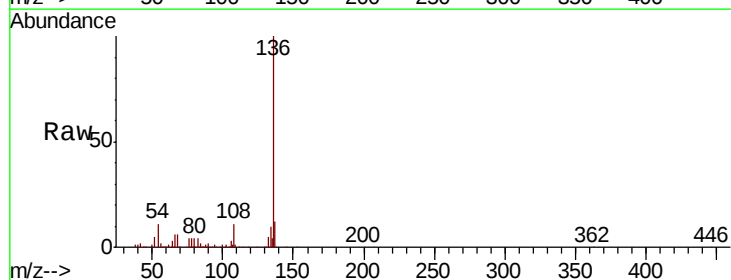
Instrument :
BNA_G
ClientSampleId :

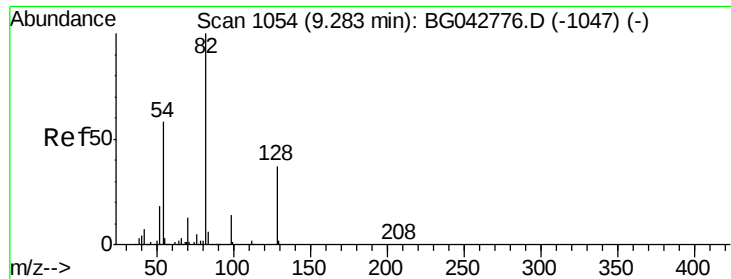
Tot Ion: 70 Resp: 88862
Ion Ratio Lower Upper
70 100
42 45.3 57.0 85.6#
101 0.0 8.4 12.6#
130 1.3 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042862.D
Acq: 16 Sep 2019 23:40

Tgt Ion: 136 Resp: 436461
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 10.9 9.4 14.0
68 5.9 5.4 8.2

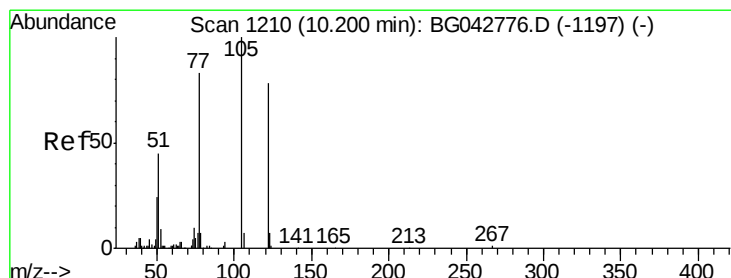
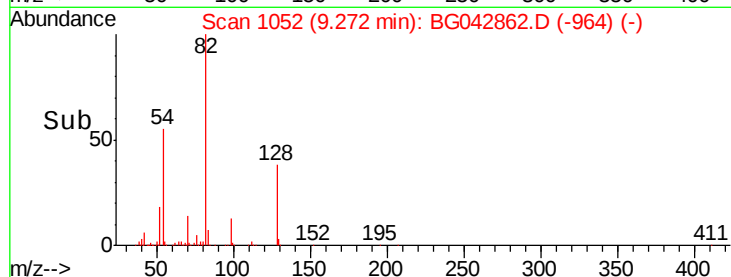
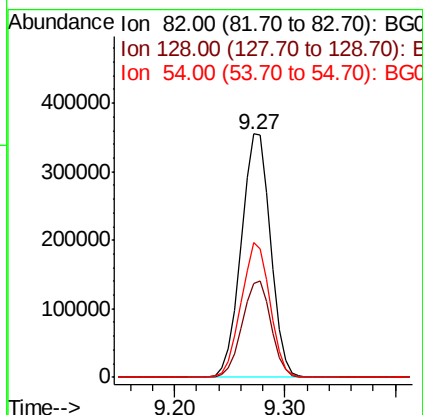
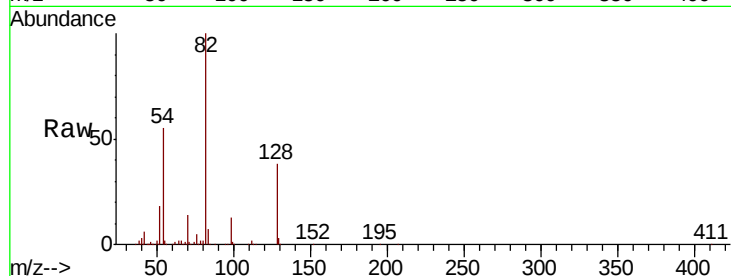




#23
Nitrobenzene-d5
Concen: 79.212 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042862.D
Acq: 16 Sep 2019 23:40

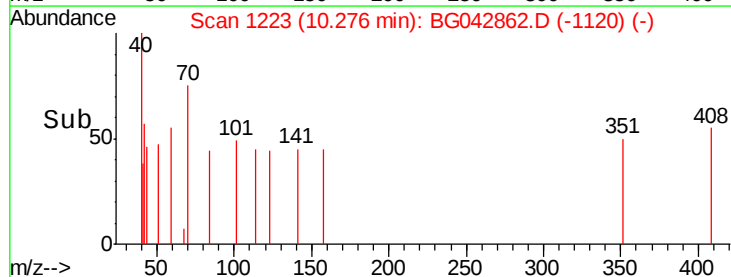
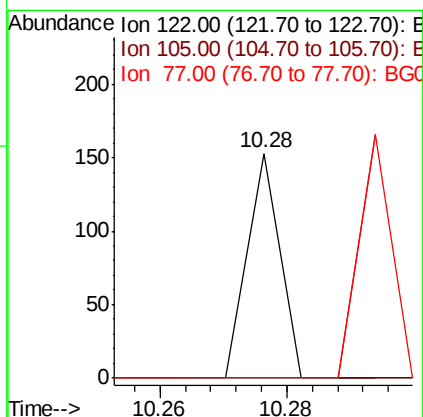
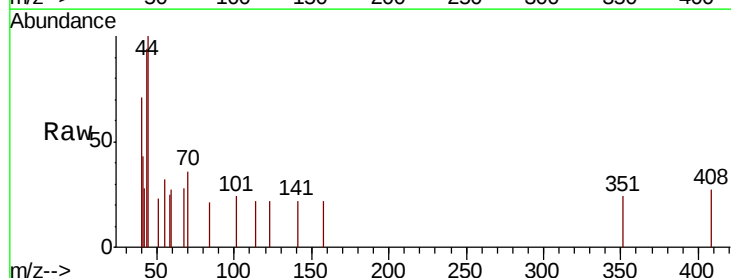
Instrument :
BNA_G
ClientSampleId :

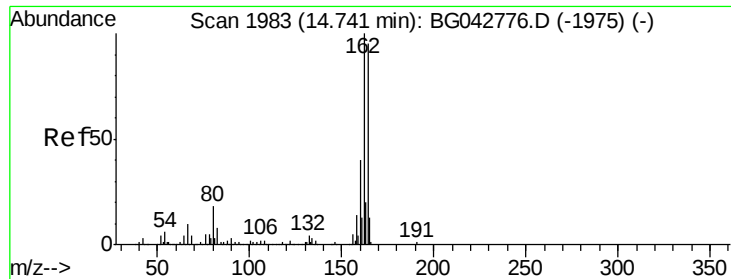
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.8	44.8
54	55.4	46.1	69.1



#32
Benzoic acid
Concen: 5.974 ng
RT: 10.28 min Scan# 1223
Delta R.T. 0.08 min
Lab File: BG042862.D
Acq: 16 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#

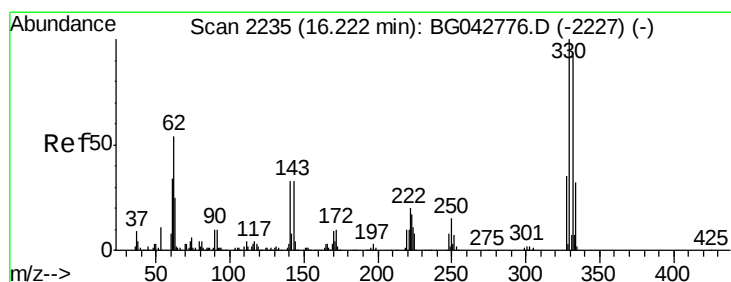
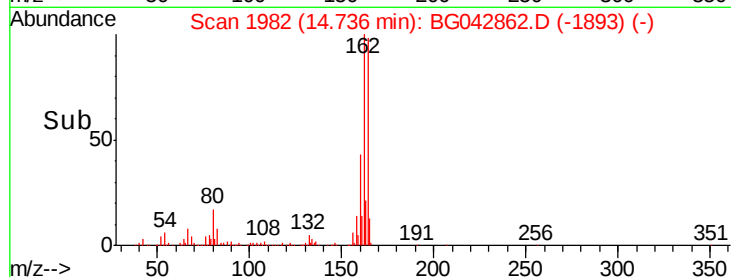
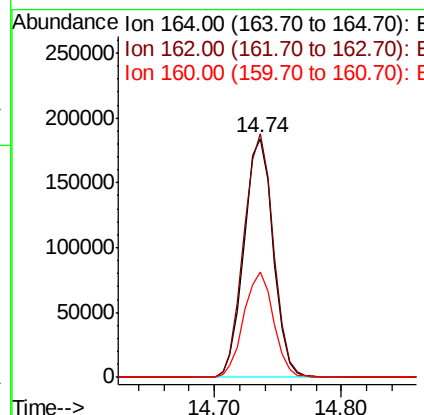
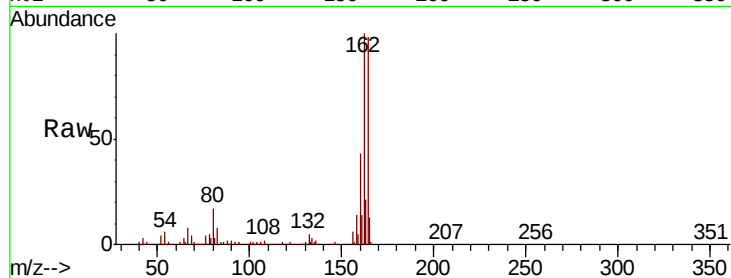




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042862.D
Acq: 16 Sep 2019 23:40

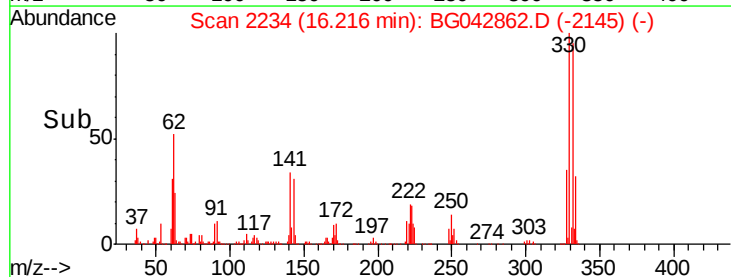
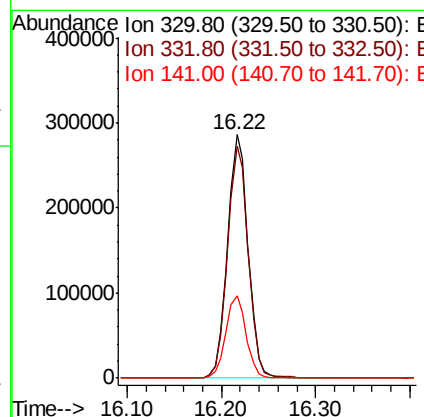
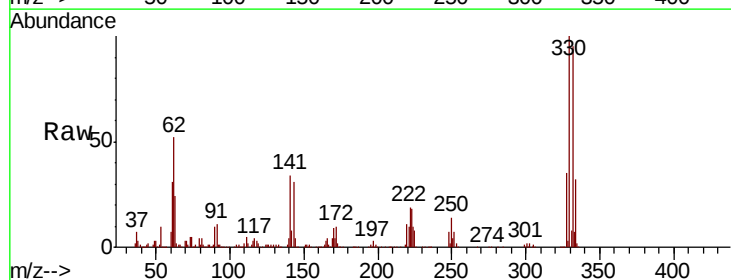
Instrument :
BNA_G
ClientSampled :

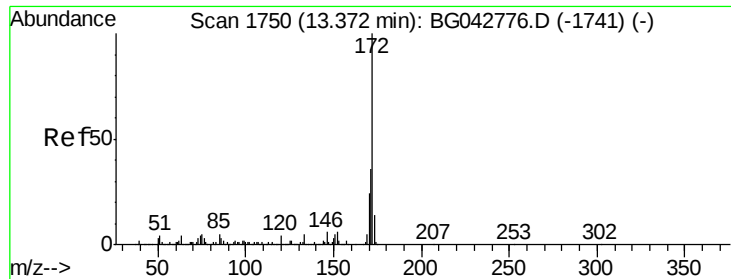
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.6	126.8
160	43.9	34.2	51.2



#42
2,4,6-Tribromophenol
Concen: 111.805 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042862.D
Acq: 16 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	33.5	27.0	40.6



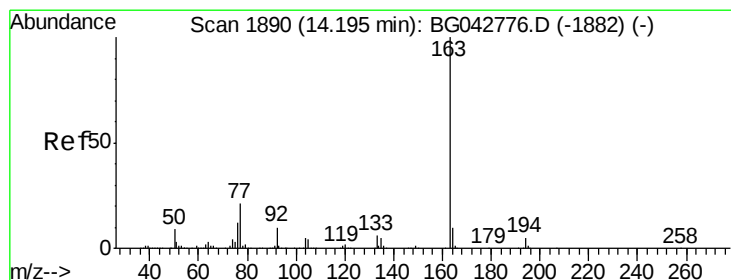
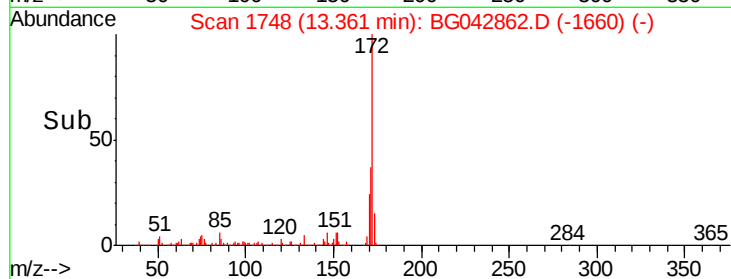
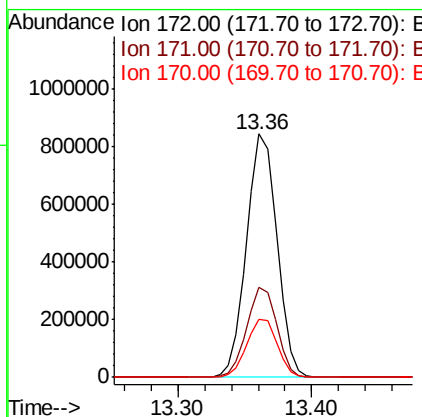
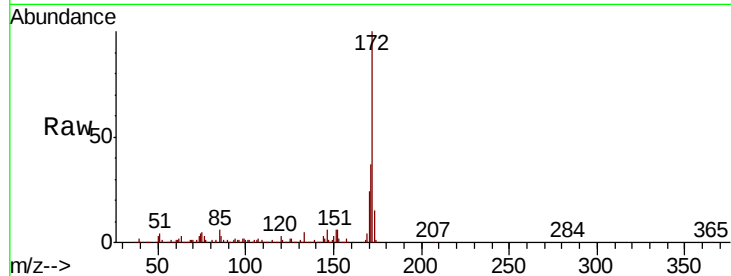


#45
2-Fluorobiphenyl
Concen: 71.675 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042862.D
Acq: 16 Sep 2019 23:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1327157

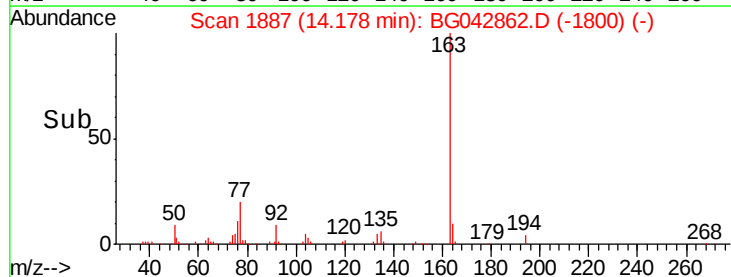
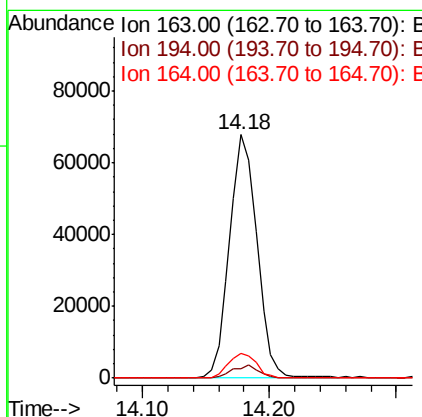
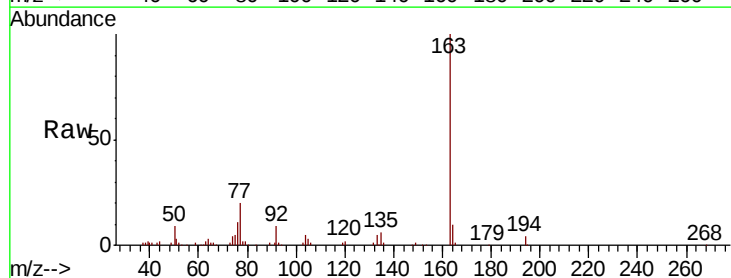
Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	24.1	19.1	28.7

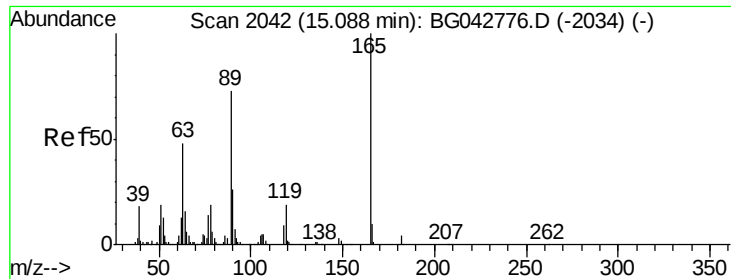


#50
Dimethylphthalate
Concen: 4.643 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042862.D
Acq: 16 Sep 2019 23:40

Tgt Ion:163 Resp: 101955

Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.2	6.4#
164	10.0	8.4	12.6





#57

2,4-Dinitrotoluene

Concen: 6.761 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.35 min

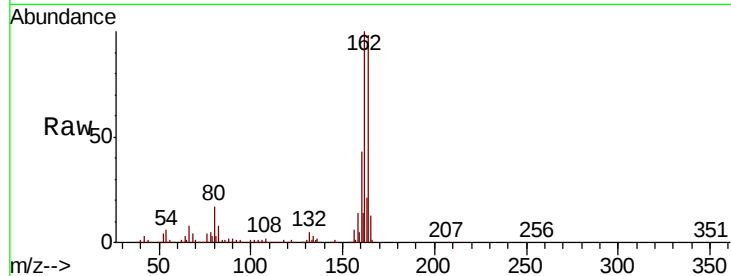
Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

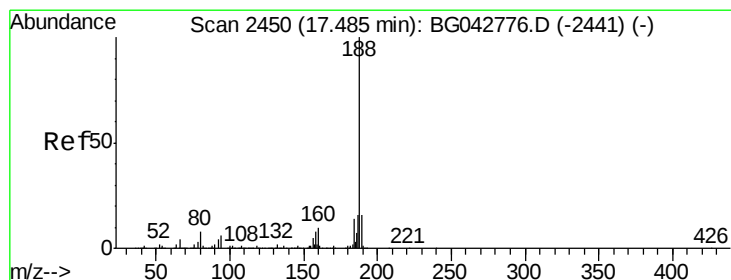
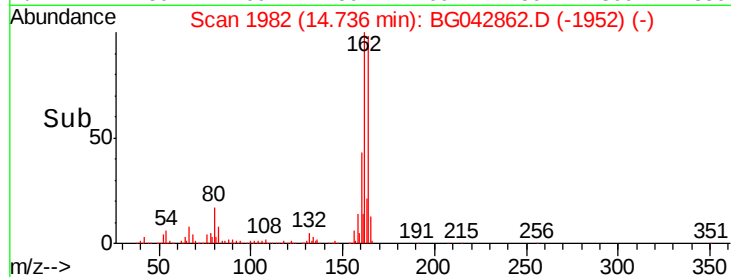
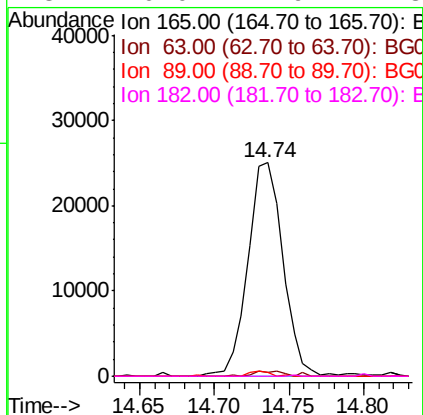
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	165	Resp:	40604
Ion	Ratio	Lower	Upper
165	100		
63	1.7	38.3	57.5#
89	1.9	58.4	87.6#
182	0.0	2.9	4.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

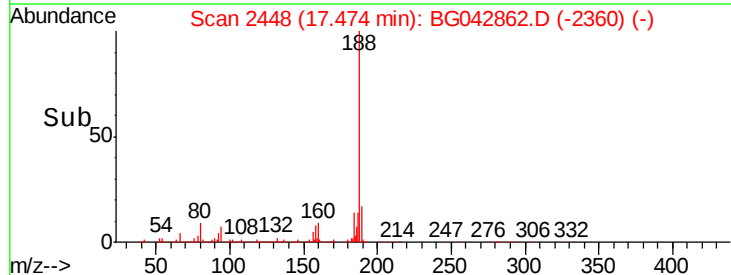
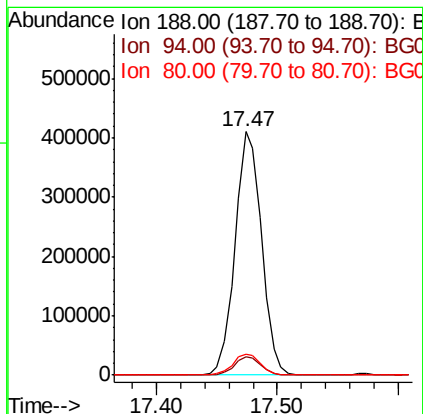
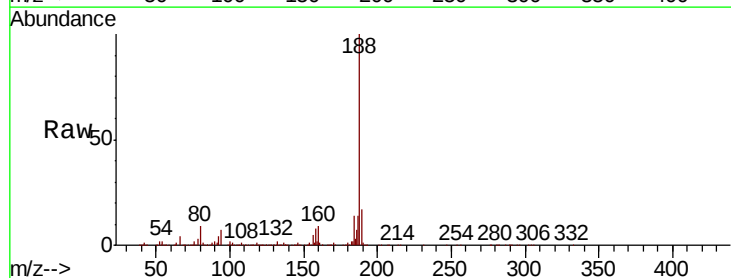
RT: 17.47 min Scan# 2448

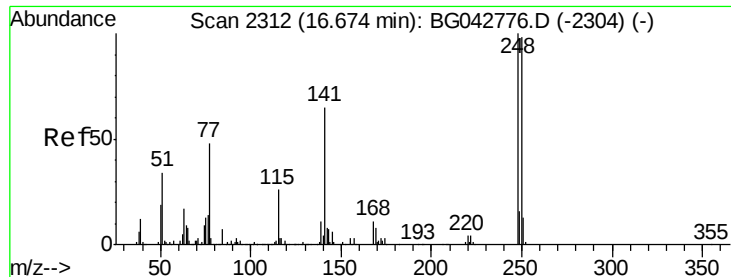
Delta R.T. -0.01 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

Tgt Ion:	188	Resp:	626263
Ion	Ratio	Lower	Upper
188	100		
94	7.4	4.8	7.2#
80	8.8	6.6	9.8

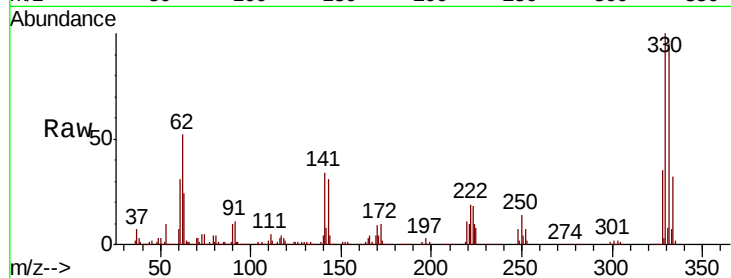




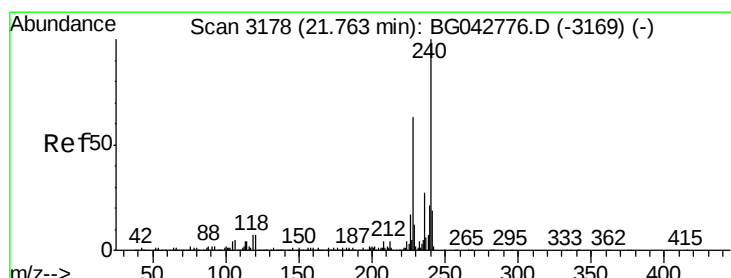
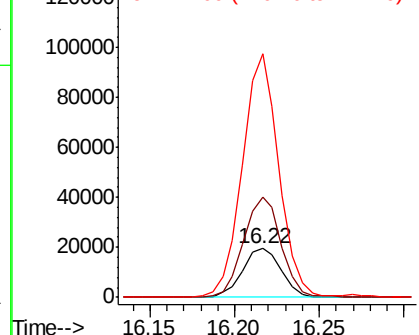
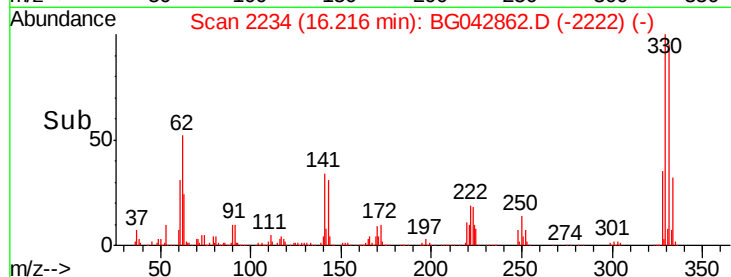
#67
 4-Bromophenyl-phenylether
 Concen: 4.106 ng
 RT: 16.22 min Scan# 2234
 Delta R.T. -0.46 min
 Lab File: BG042862.D
 Acq: 16 Sep 2019 23:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 31123
 Ion Ratio Lower Upper
 248 100
 250 206.0 78.0 117.0#
 141 497.5 51.8 77.6#

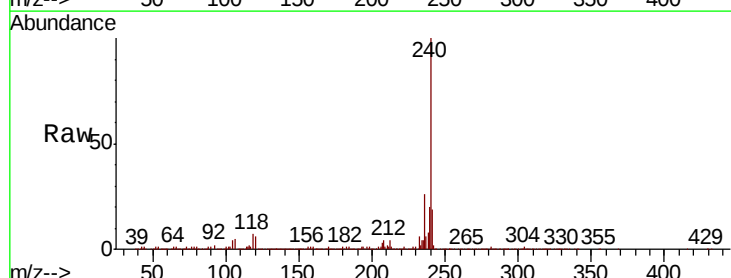


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

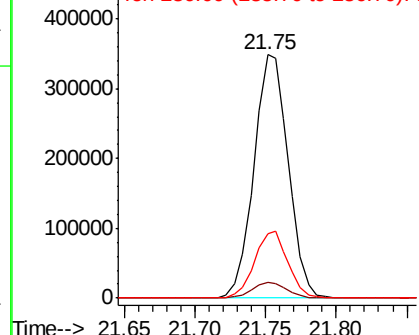
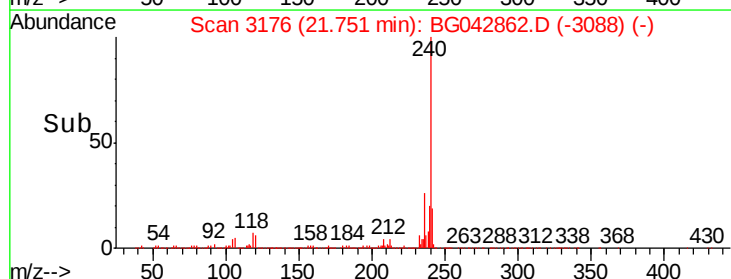


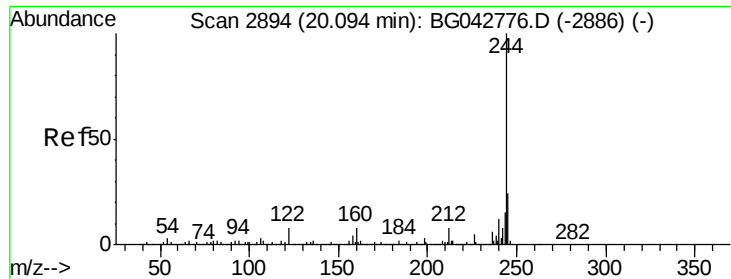
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042862.D
 Acq: 16 Sep 2019 23:40

Tgt Ion:240 Resp: 593767
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.4 8.2
 236 26.3 21.7 32.5



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: 68.219 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

Instrument :

BNA_G

ClientSampleId :

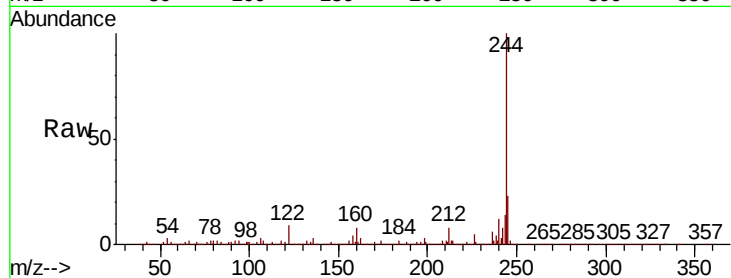
Tot Ion:244 Resp: 1827671

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

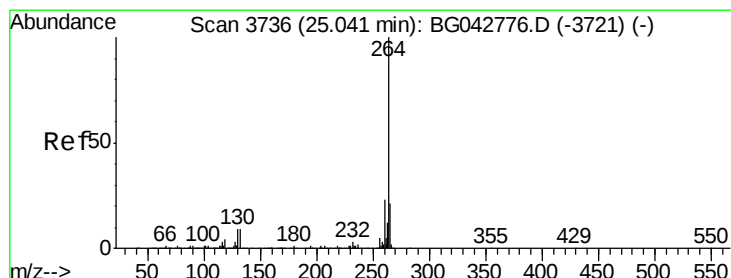
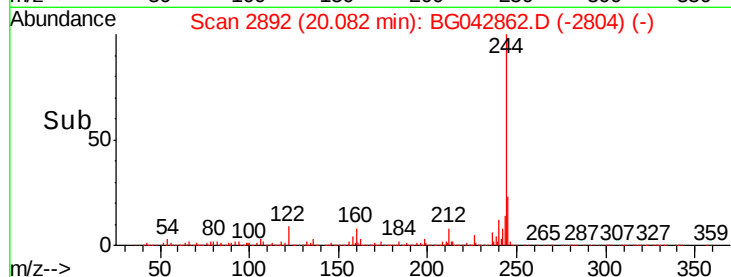
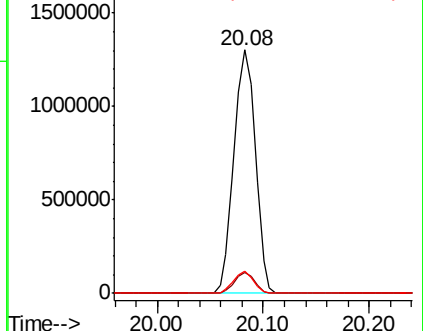
122 9.1 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

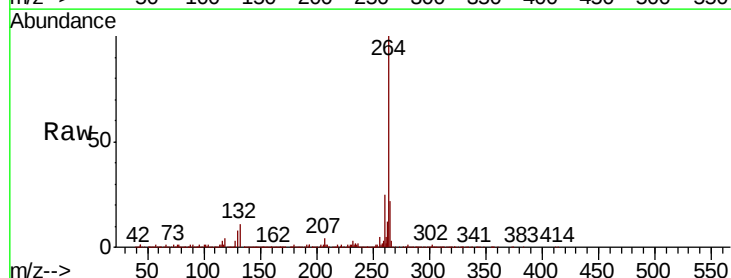
Tgt Ion:264 Resp: 656273

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 22.3 16.9 25.3



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

