

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042828.D
 Acq On : 13 Sep 2019 22:22
 Operator : HP/JU
 Sample : K4857-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 00:00:43 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

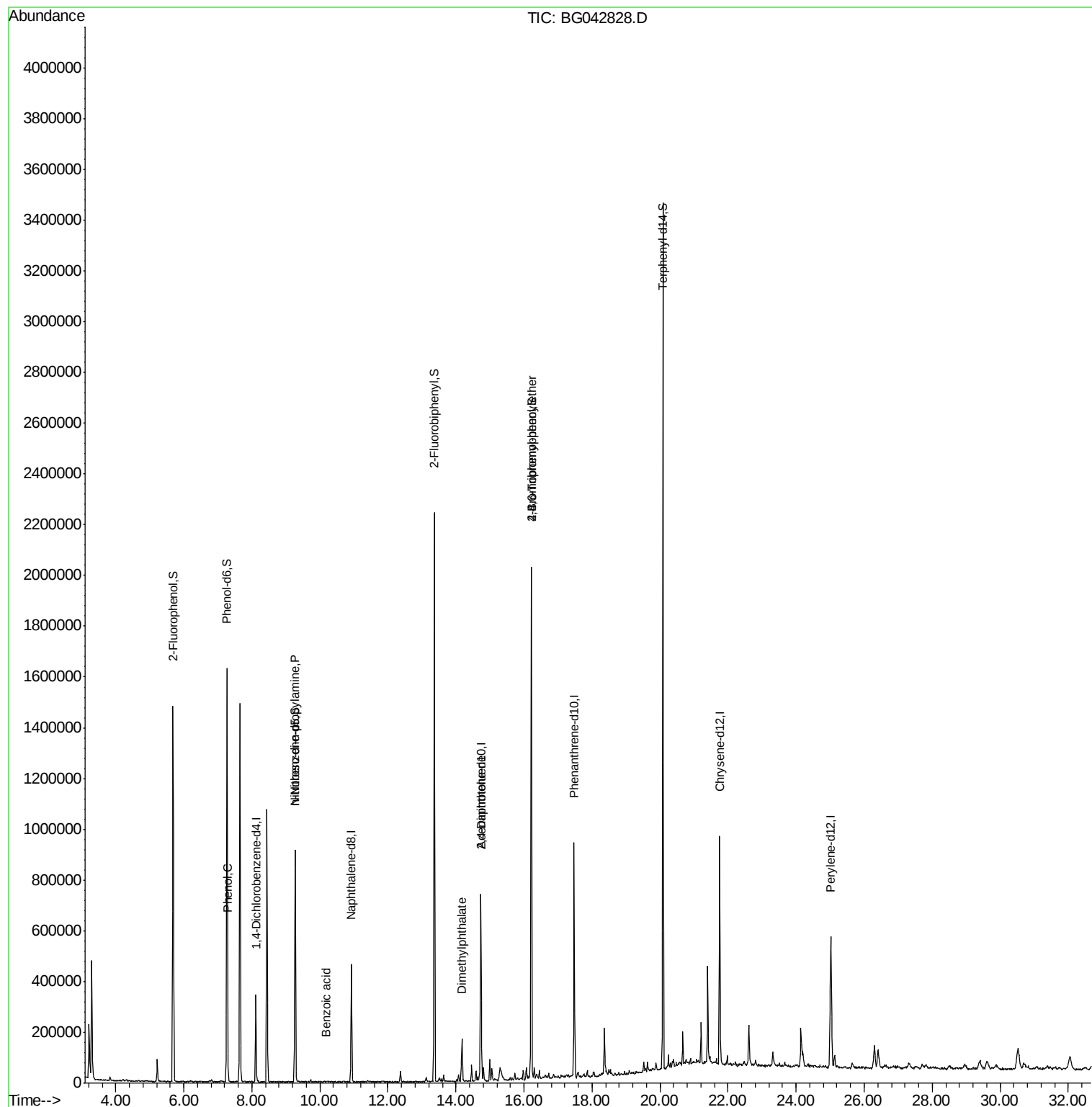
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	98757	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	391939	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	261552	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	570700	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	537352	20.00	ng	-0.01
87) Perylene-d12	25.02	264	600633	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	604630	106.44	ng	0.00
7) Phenol-d6	7.27	99	909146	111.51	ng	0.00
23) Nitrobenzene-d5	9.27	82	568327	75.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	368827	105.99	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1151755	69.71	ng	-0.01
79) Terphenyl-d14	20.08	244	1608488	66.34	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	34905	4.174	ng	87
19) n-Nitroso-di-n-propylamine	9.27	70	77155	12.842	ng	# 70
32) Benzoic acid	10.18	122	221	6.008	ng	# 66
50) Dimethylphthalate	14.18	163	100357	5.122	ng	99
57) 2,4-Dinitrotoluene	14.74	165	35855	6.691	ng	# 24
67) 4-Bromophenyl-phenylether	16.22	248	25869	3.745	ng	# 1

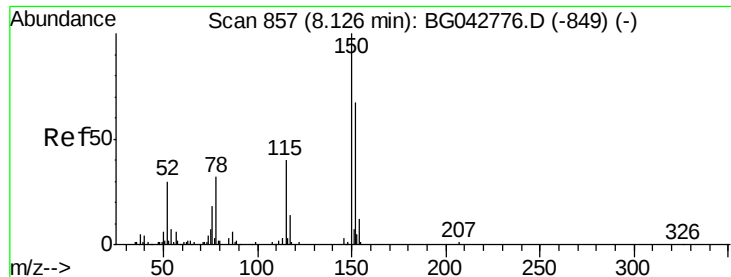
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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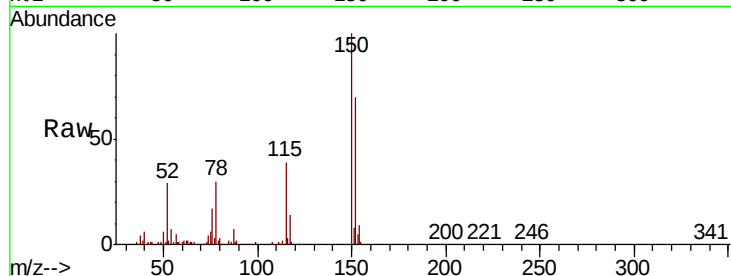


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG042828.D
Acq: 13 Sep 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	118.9	178.3
115	56.5	47.4	71.2

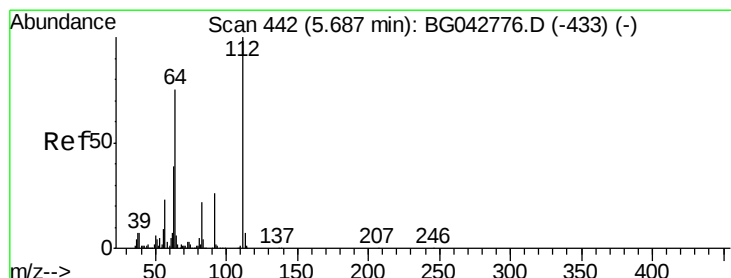
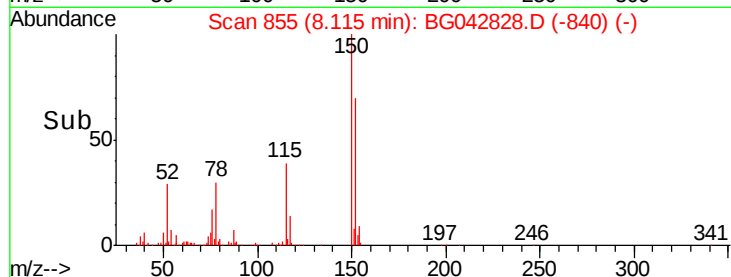
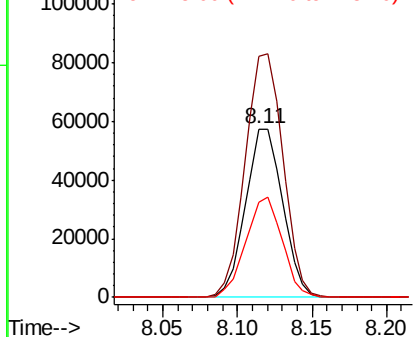


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

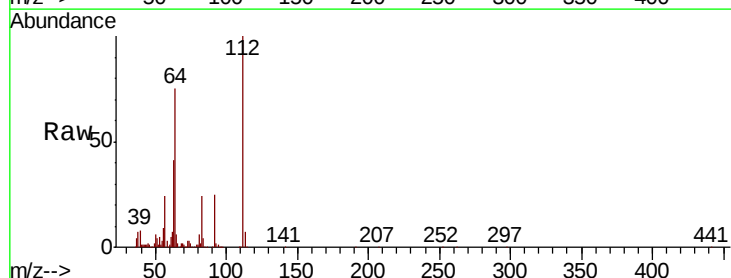
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.441 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042828.D
Acq: 13 Sep 2019 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.2	90.2
63	40.6	31.2	46.8

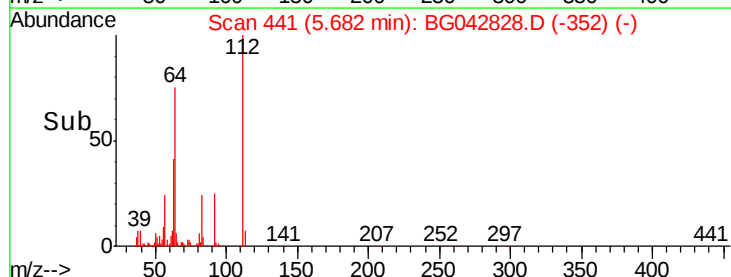
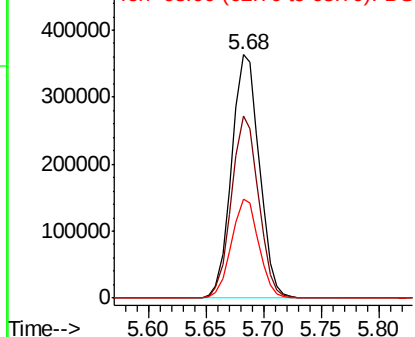


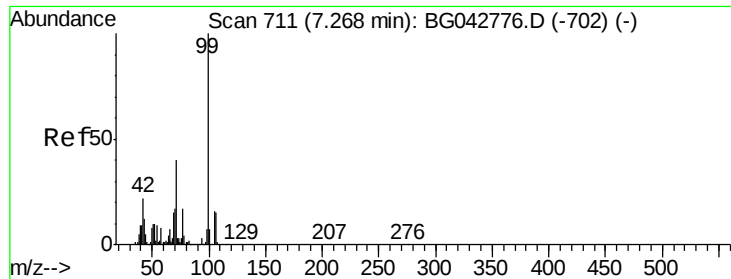
Abundance

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: 111.506 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042828.D

Acq: 13 Sep 2019 22:22

Instrument :

BNA_G

ClientSampleId :

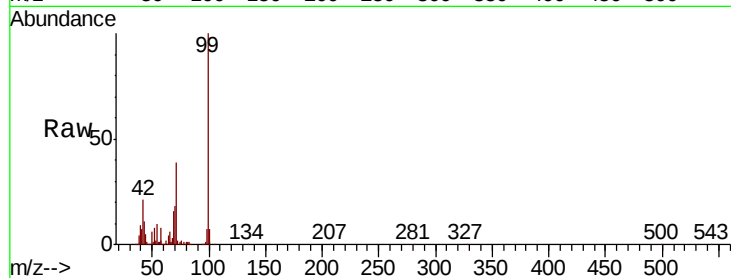
Tot Ion: 99 Resp: 909146

Ion Ratio Lower Upper

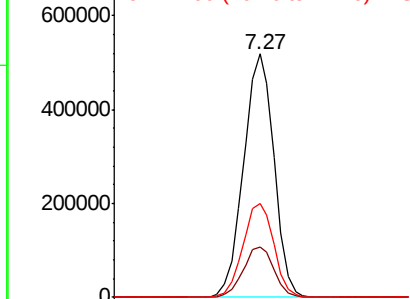
99 100

42 20.6 17.5 26.3

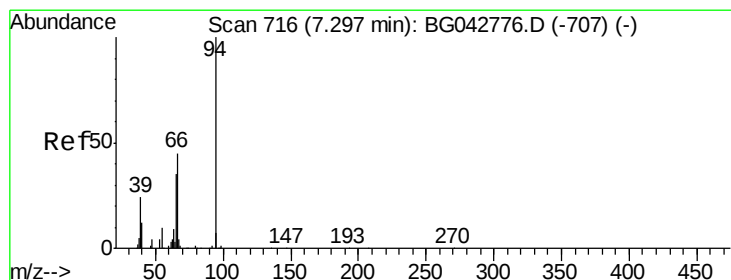
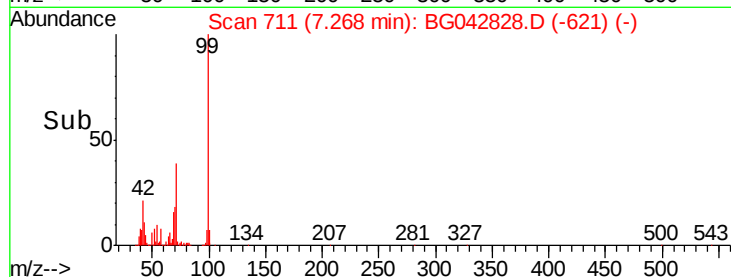
71 38.7 32.0 48.0



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



Time--> 7.15 7.20 7.25 7.30 7.35



#10

Phenol

Concen: 4.174 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042828.D

Acq: 13 Sep 2019 22:22

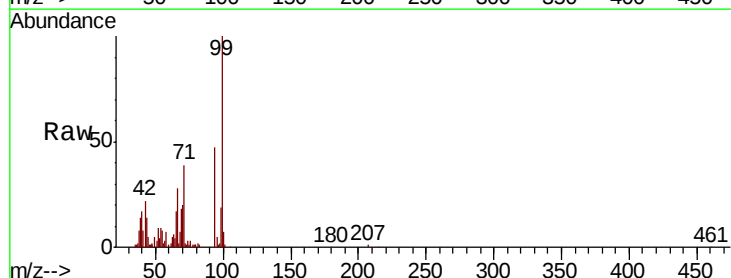
Tgt Ion: 94 Resp: 34905

Ion Ratio Lower Upper

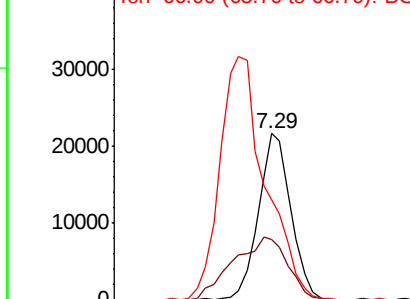
94 100

65 36.3 15.0 55.0

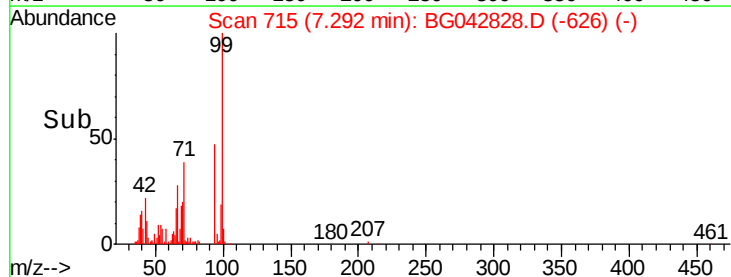
66 59.8 26.1 66.1

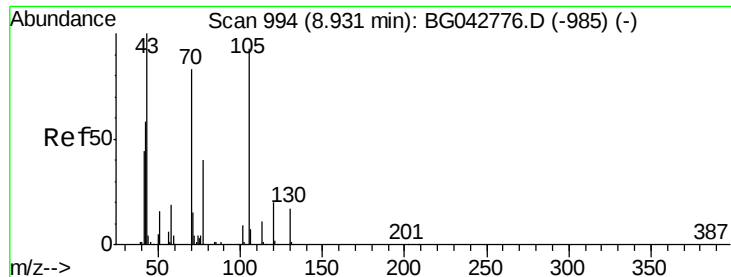


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.20 7.25 7.30 7.35

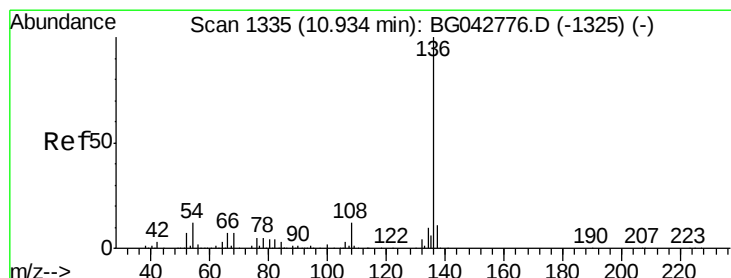
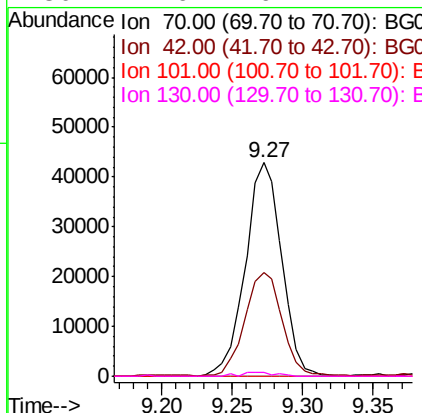
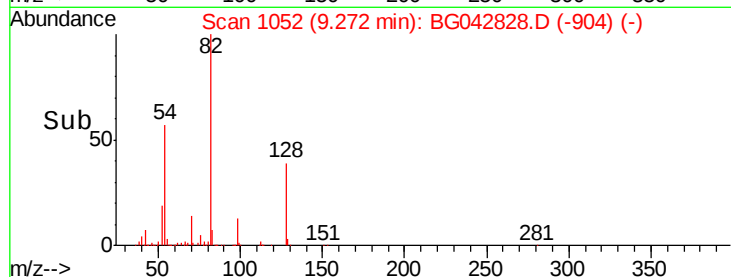
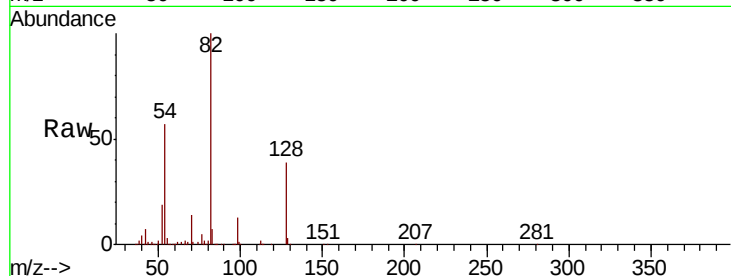




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.842 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. 0.34 min
 Lab File: BG042828.D
 Acq: 13 Sep 2019 22:22

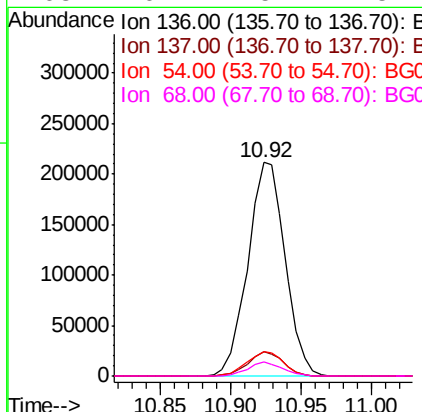
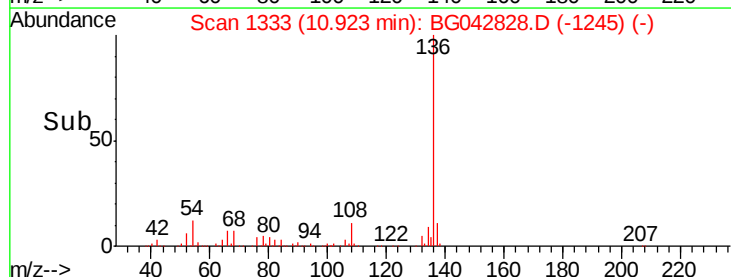
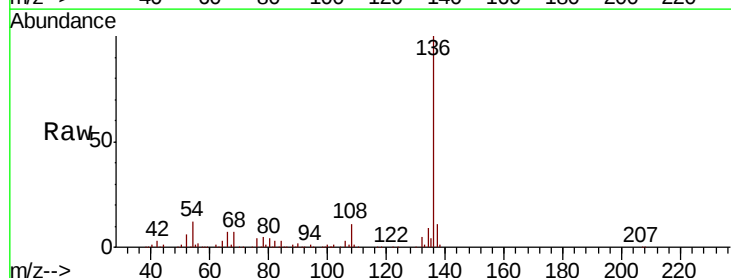
Instrument :
 BNA_G
 ClientSampleId :

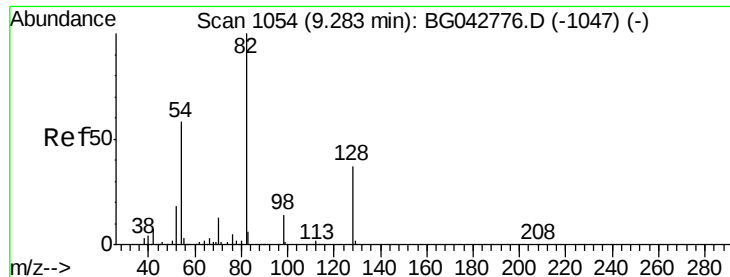
Tot Ion:	70	Resp:	77155
Ion	Ratio	Lower	Upper
70	100		
42	48.6	57.0	85.6#
101	0.0	8.4	12.6#
130	1.6	16.1	24.1#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.92 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BG042828.D
 Acq: 13 Sep 2019 22:22

Tgt Ion:	136	Resp:	391939
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.6	9.4	14.0
68	6.7	5.4	8.2

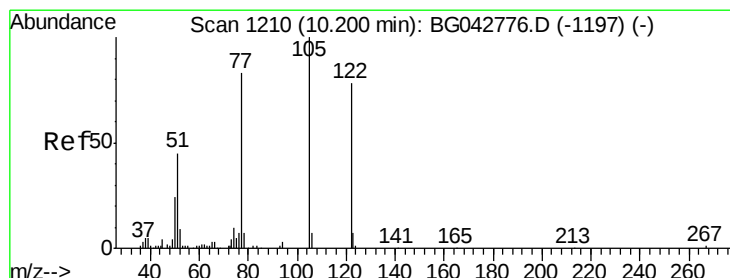
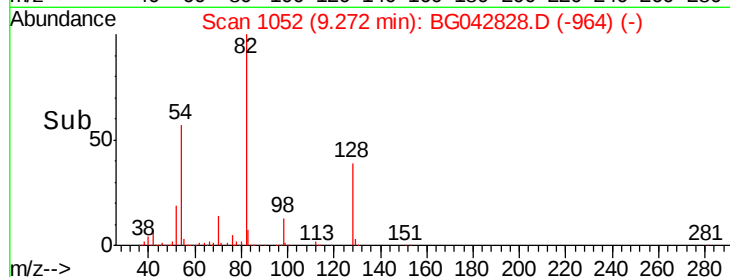
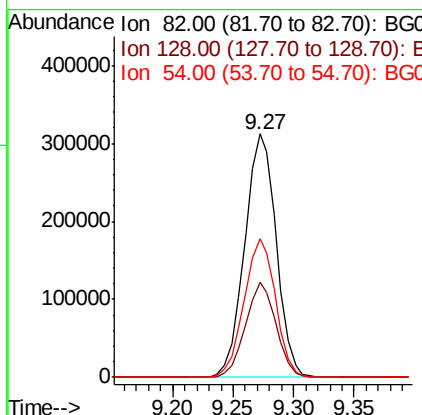
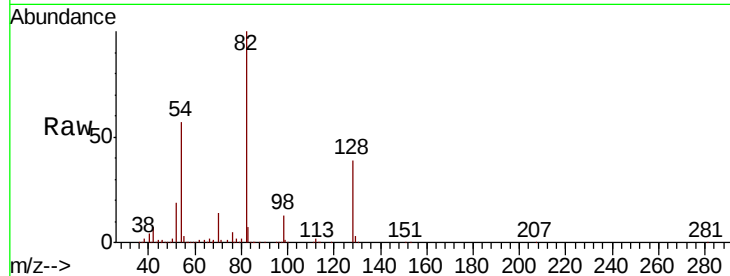




#23
 Nitrobenzene-d5
 Concen: 75.493 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042828.D
 Acq: 13 Sep 2019 22:22

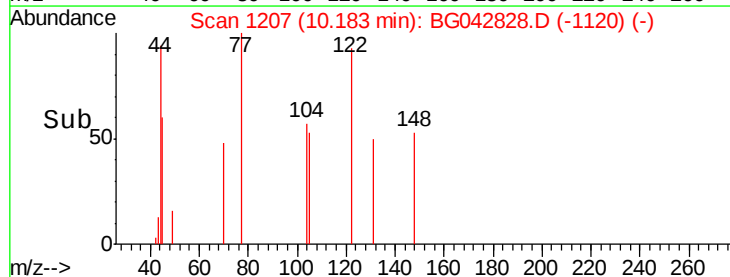
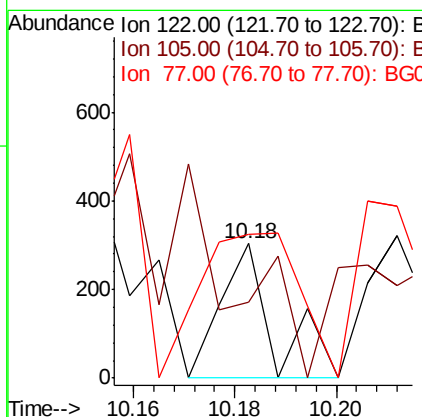
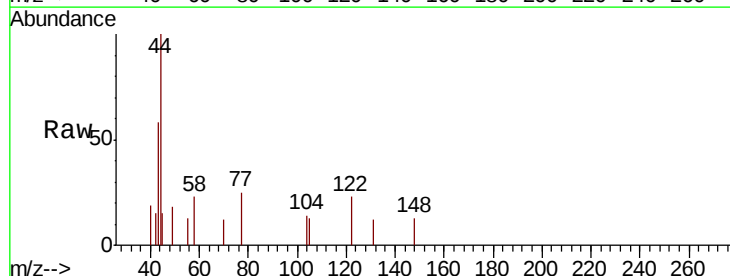
Instrument :
 BNA_G
 ClientSampleId :

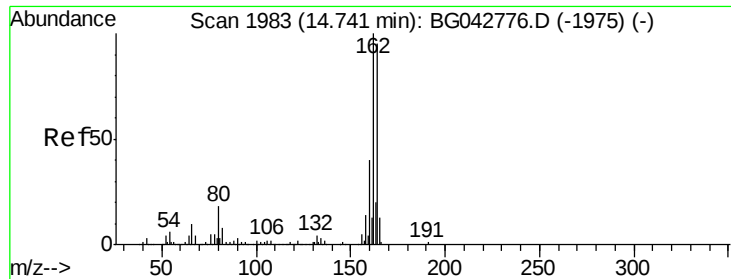
Tot Ion	82	Resp	568327
Ion Ratio	Lower	Upper	
82	100		
128	39.1	29.8	44.8
54	57.2	46.1	69.1



#32
 Benzoic acid
 Concen: 6.008 ng
 RT: 10.18 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BG042828.D
 Acq: 13 Sep 2019 22:22

Tgt Ion	122	Resp	221
Ion Ratio	Lower	Upper	
122	100		
105	56.8	104.0	144.0#
77	107.6	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: BG042828.D

Acq: 13 Sep 2019 22:22

Instrument :

BNA_G

ClientSampleId :

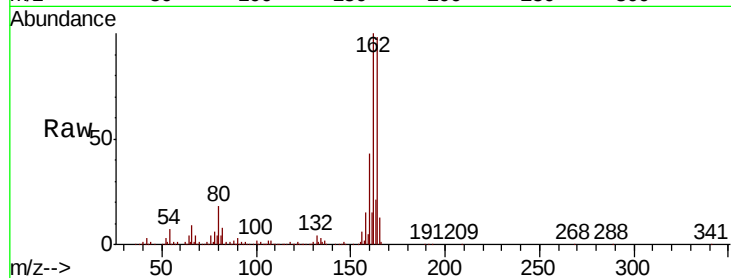
Tot Ion:164 Resp: 261552

Ion Ratio Lower Upper

164 100

162 102.4 84.6 126.8

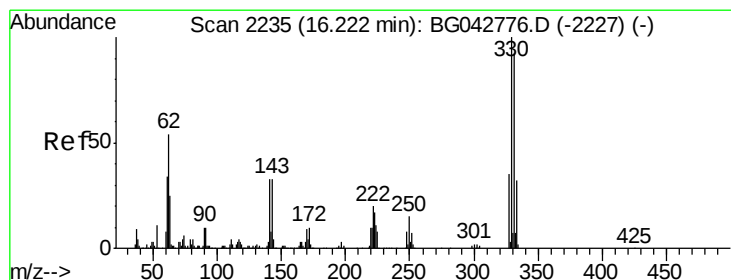
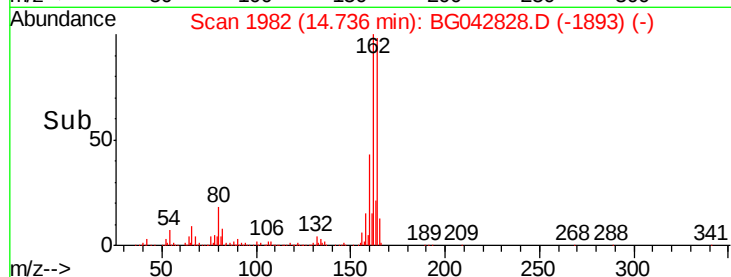
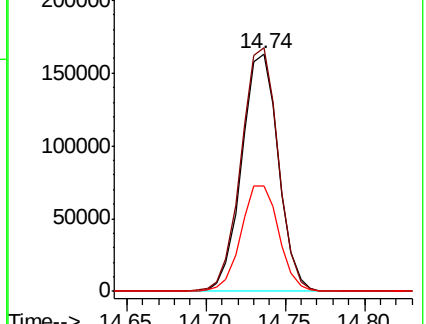
160 44.5 34.2 51.2



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: 105.992 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042828.D

Acq: 13 Sep 2019 22:22

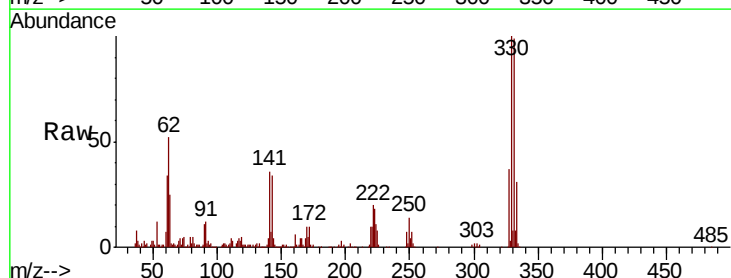
Tgt Ion:330 Resp: 368827

Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

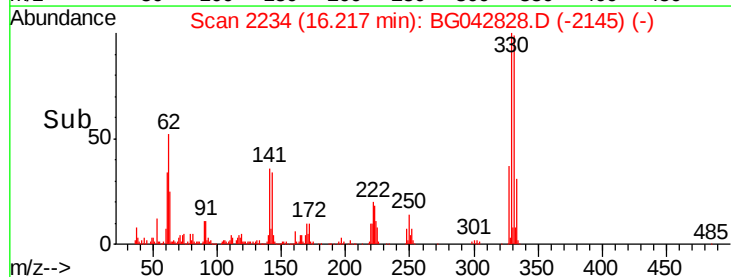
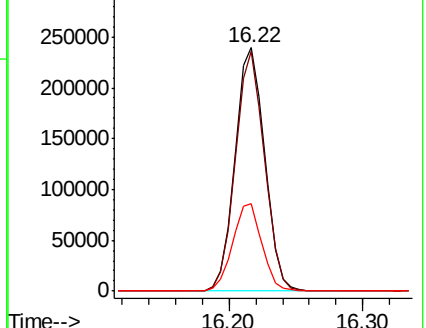
141 35.7 27.0 40.6

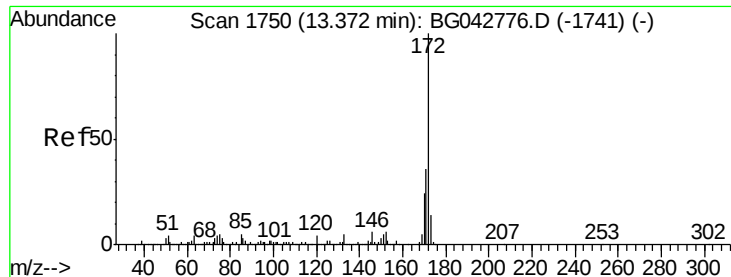


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

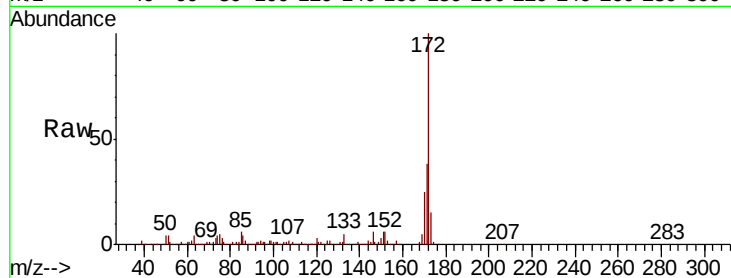




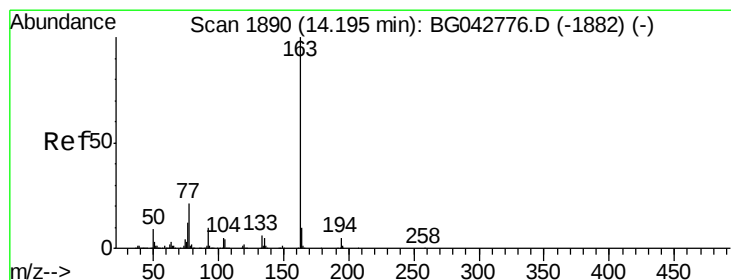
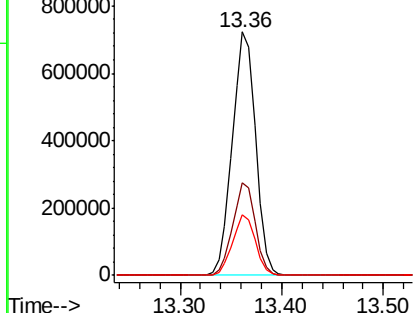
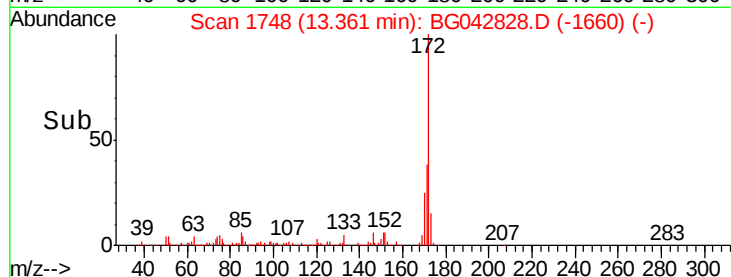
#45
2-Fluorobiphenyl
Concen: 69.705 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042828.D
Acq: 13 Sep 2019 22:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1151755
Ion Ratio Lower Upper
172 100
171 38.0 28.9 43.3
170 24.8 19.1 28.7

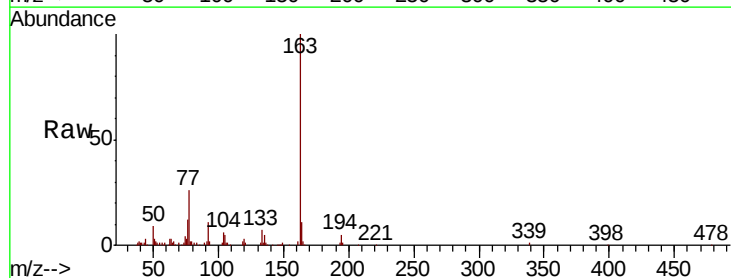


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

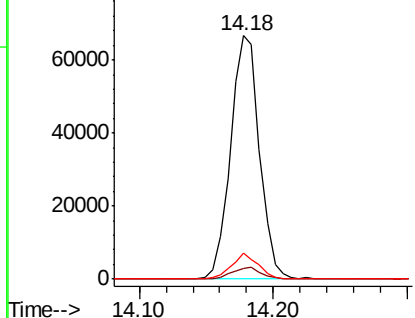
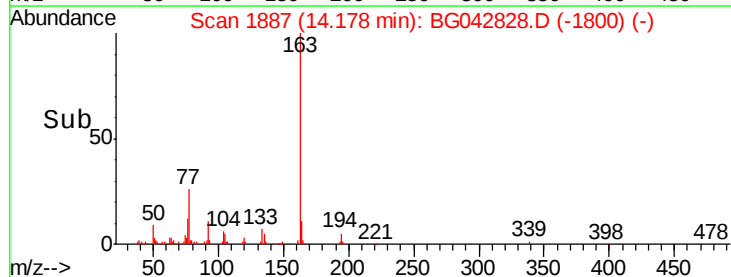


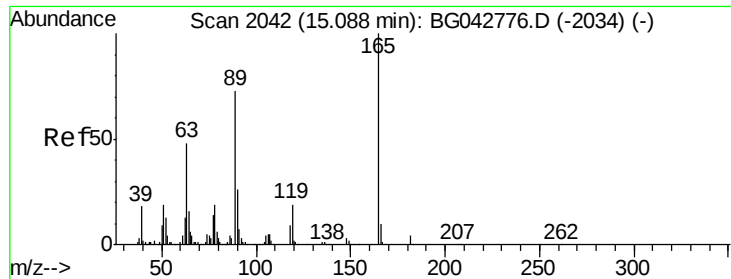
#50
Dimethylphthalate
Concen: 5.122 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042828.D
Acq: 13 Sep 2019 22:22

Tgt Ion:163 Resp: 100357
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.4
164 10.8 8.4 12.6



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

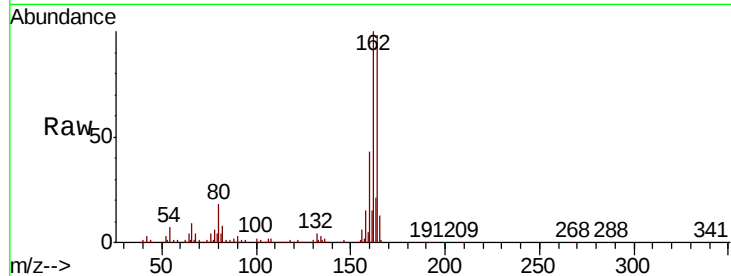




#57
 2,4-Dinitrotoluene
 Concen: 6.691 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.35 min
 Lab File: BG042828.D
 Acq: 13 Sep 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.3	57.5#
89	2.1	58.4	87.6#
182	0.0	2.9	4.3#

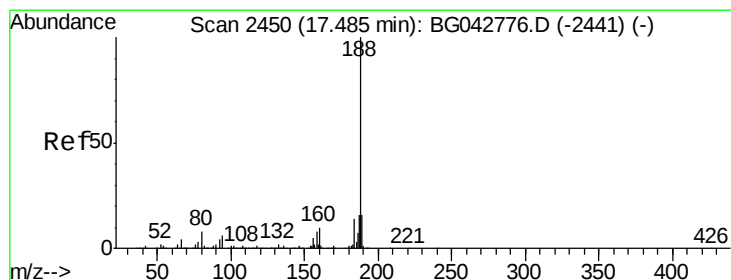
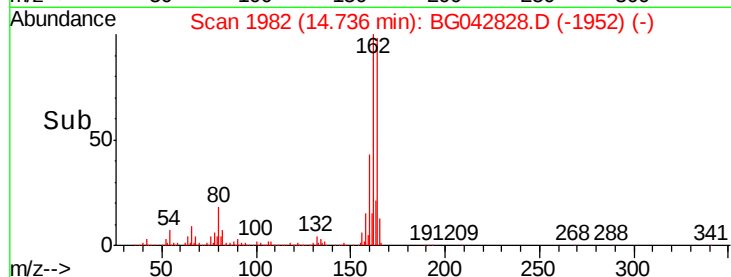
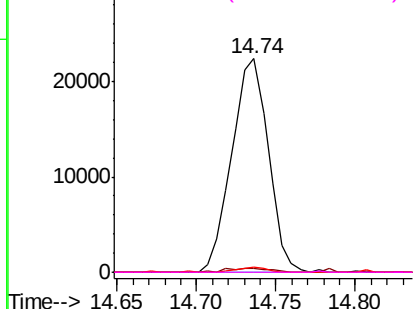


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

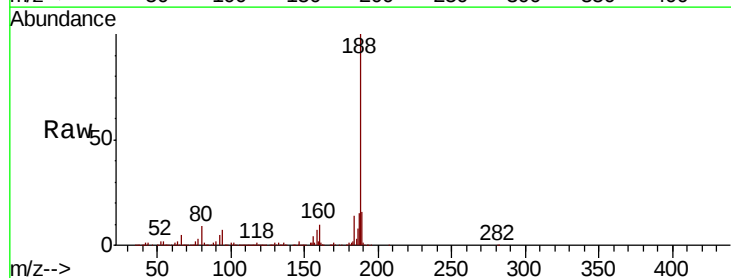
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BG042828.D
 Acq: 13 Sep 2019 22:22

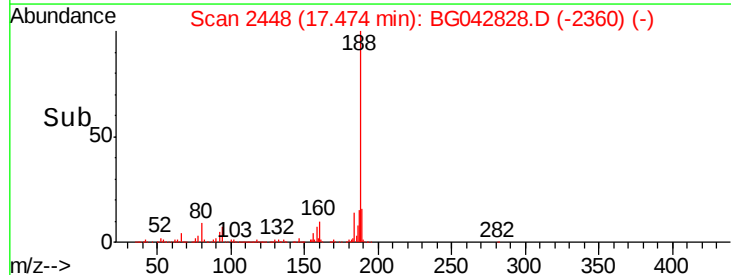
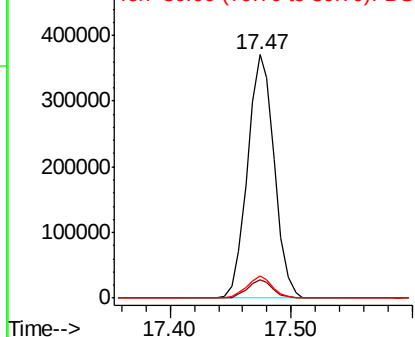
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	8.9	6.6	9.8

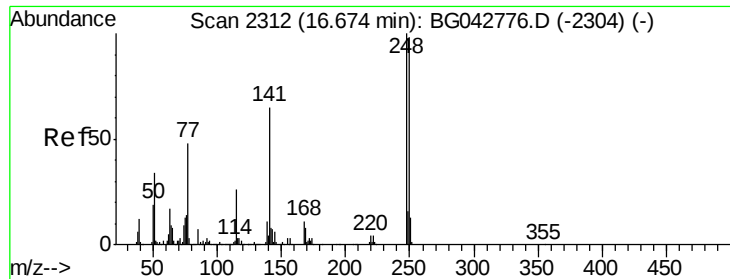


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 3.745 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.46 min

Lab File: BG042828.D

Acq: 13 Sep 2019 22:22

Instrument :

BNA_G

ClientSampled :

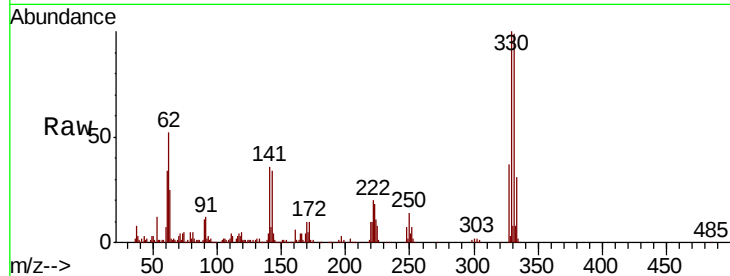
Tot Ion:248 Resp: 25869

Ion Ratio Lower Upper

248 100

250 200.8 78.0 117.0#

141 519.1 51.8 77.6#

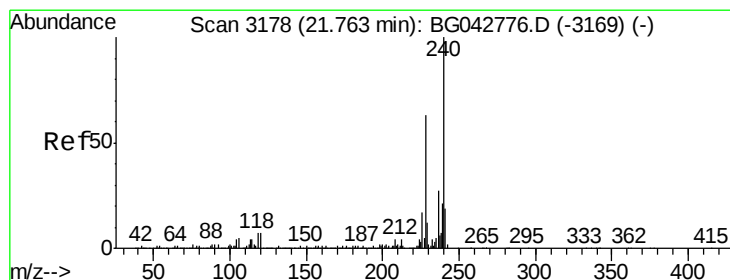
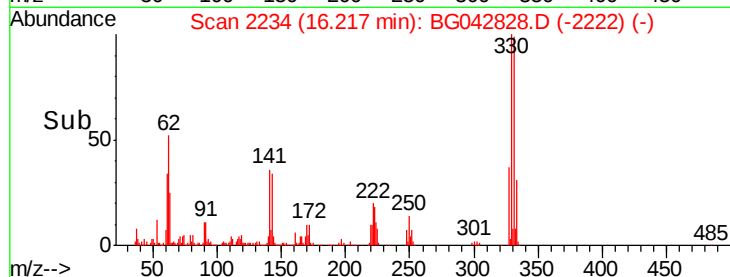
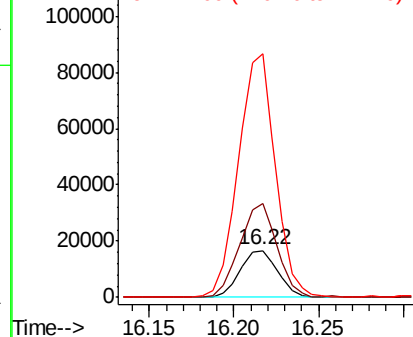


Abundance

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: BG042828.D

Acq: 13 Sep 2019 22:22

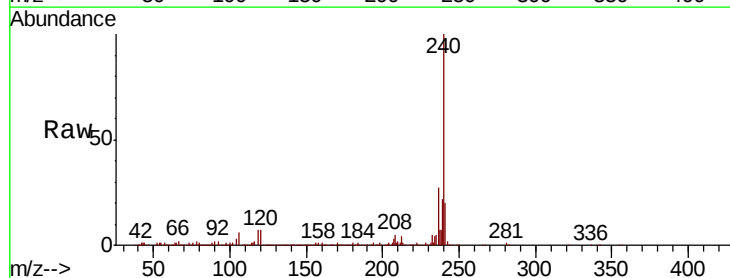
Tgt Ion:240 Resp: 537352

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.2

236 27.3 21.7 32.5

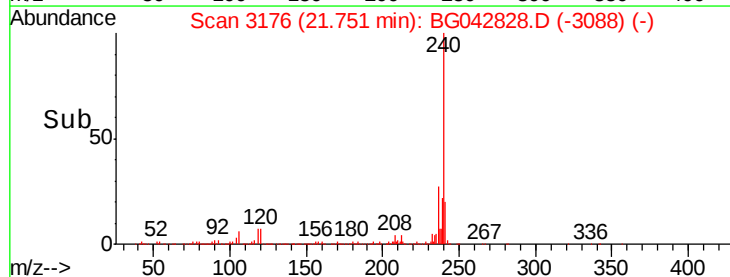
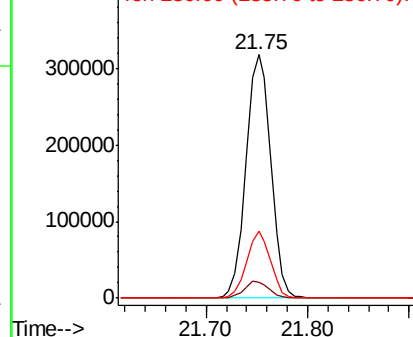


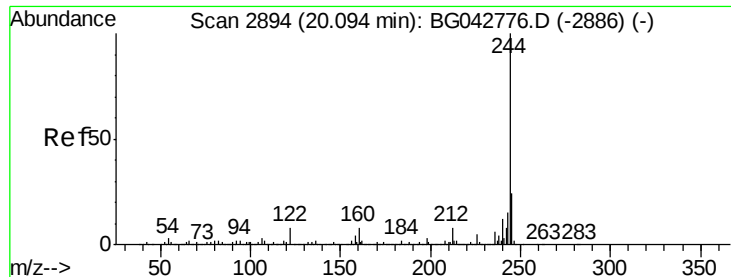
Abundance

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: 66.341 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042828.D

Acq: 13 Sep 2019 22:22

Instrument :

BNA_G

ClientSampleId :

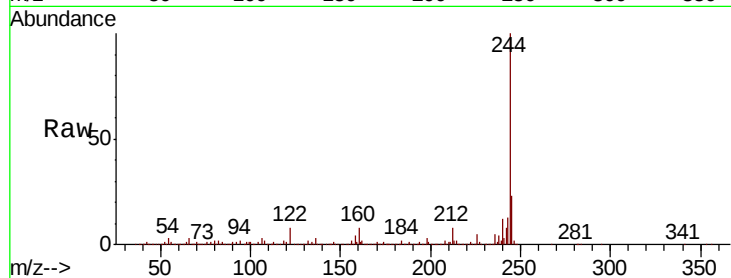
Tot Ion:244 Resp: 1608488

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

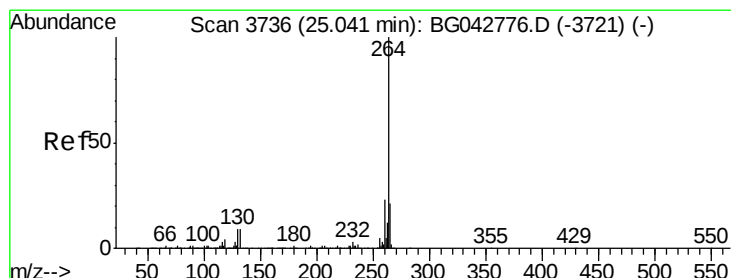
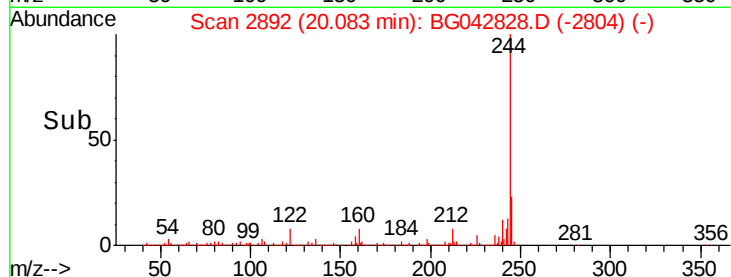
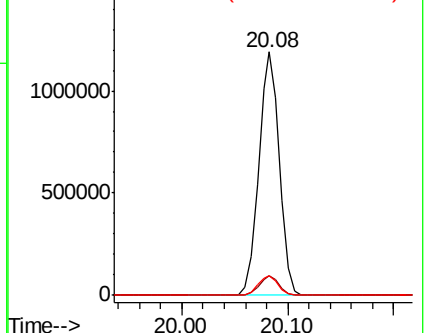
122 7.9 6.2 9.4



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: BG042828.D

Acq: 13 Sep 2019 22:22

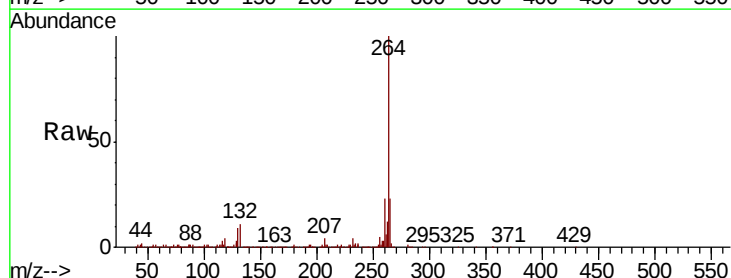
Tgt Ion:264 Resp: 600633

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 22.9 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

