

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042825.D
 Acq On : 13 Sep 2019 20:28
 Operator : HP/JU
 Sample : K4847-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 22:59:38 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

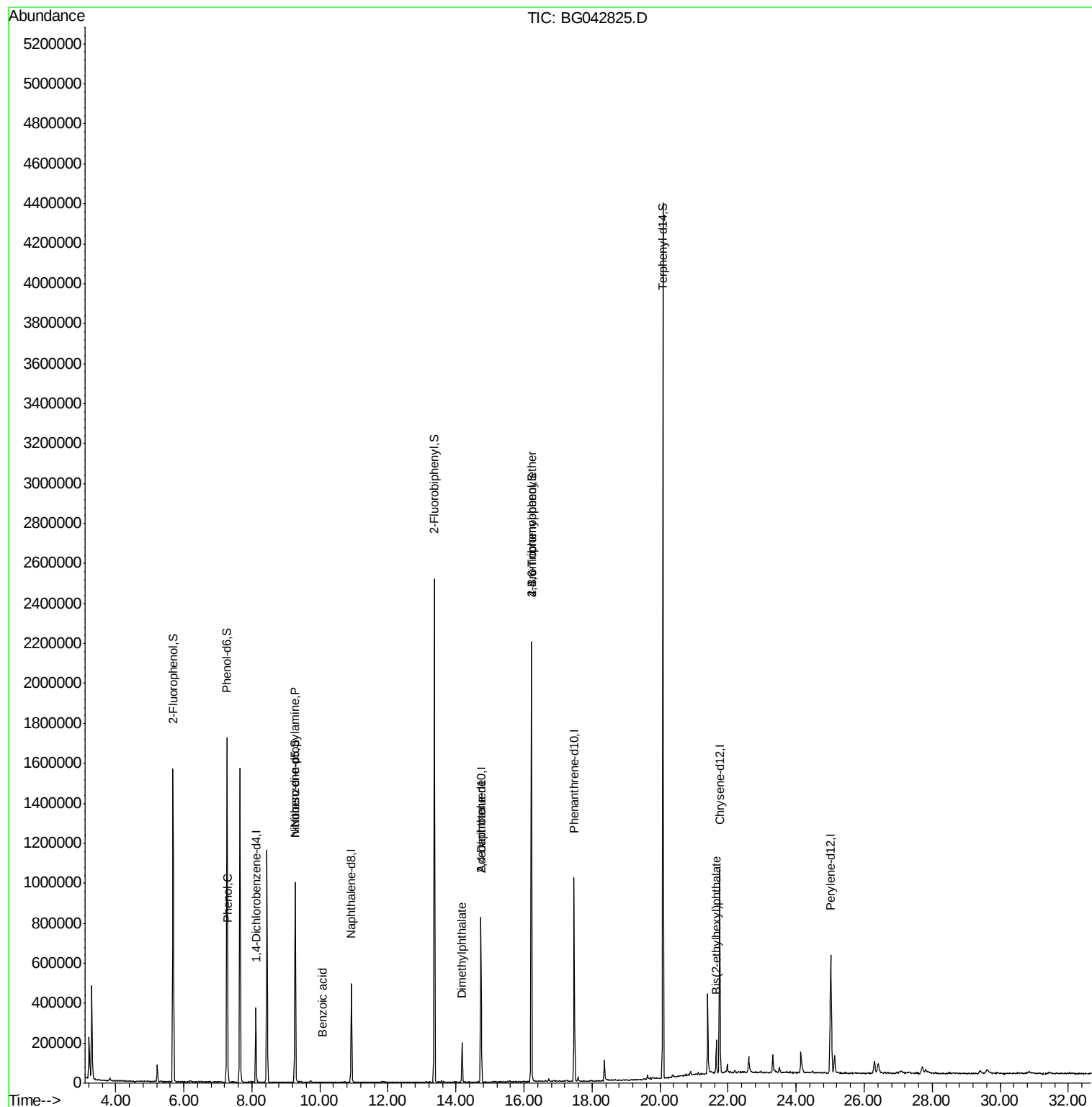
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	104803	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	419709	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	286536	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	632309	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	588810	20.00	ng	-0.01
87) Perylene-d12	25.02	264	649792	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	637068	105.68	ng	0.00
7) Phenol-d6	7.27	99	969264	112.02	ng	0.00
23) Nitrobenzene-d5	9.27	82	608521	75.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	417055	109.40	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1321872	73.03	ng	-0.01
79) Terphenyl-d14	20.08	244	2023505	76.16	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	44159	4.977	ng	90
19) n-Nitroso-di-n-propylamine	9.27	70	83856	13.152	ng	# 69
32) Benzoic acid	10.08	122	61	5.976	ng	# 1
50) Dimethylphthalate	14.18	163	127381	5.934	ng	96
57) 2,4-Dinitrotoluene	14.73	165	38643	6.582	ng	# 22
67) 4-Bromophenyl-phenylether	16.22	248	29871	3.903	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.65	149	67661	3.319	ng	98

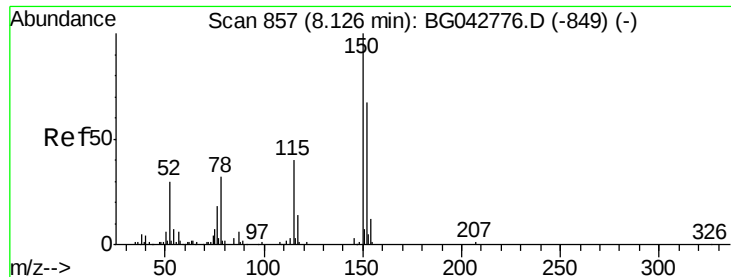
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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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



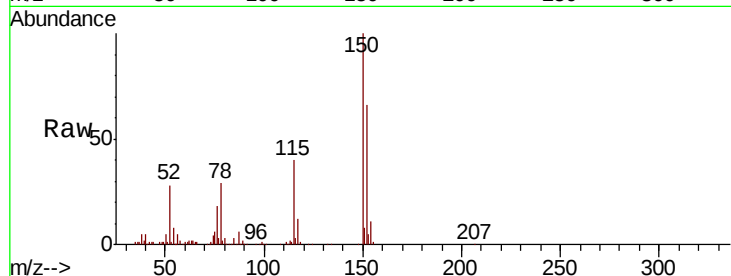


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	118.9	178.3
115	60.1	47.4	71.2

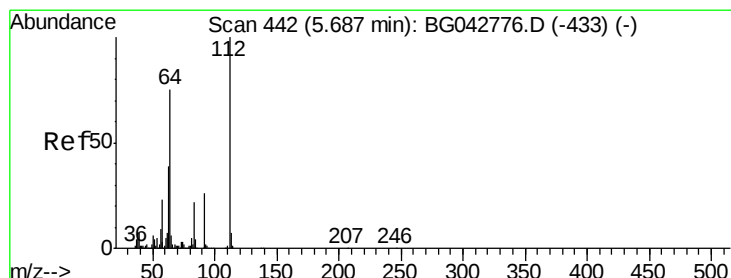
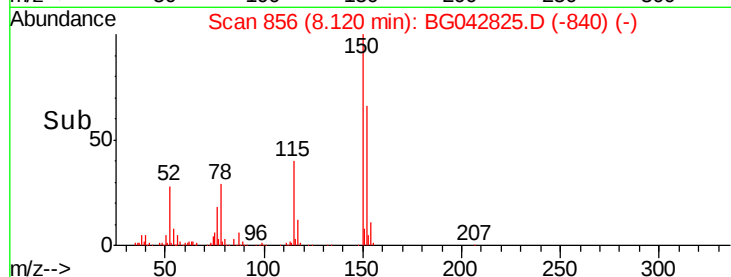
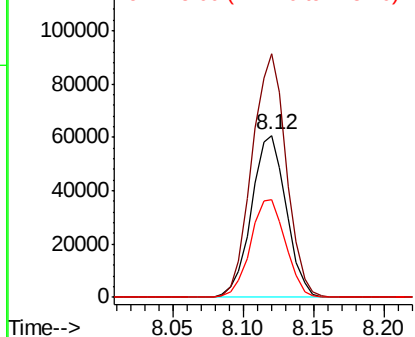


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

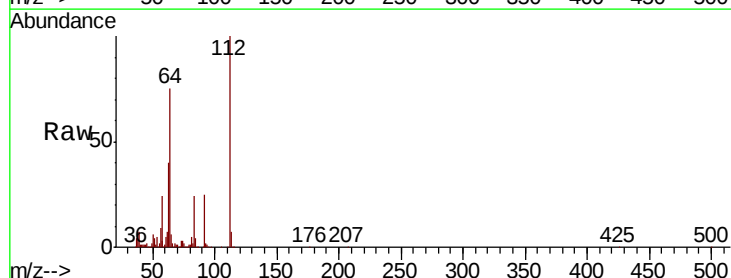
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 105.682 ng
 RT: 5.68 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.2	90.2
63	40.5	31.2	46.8

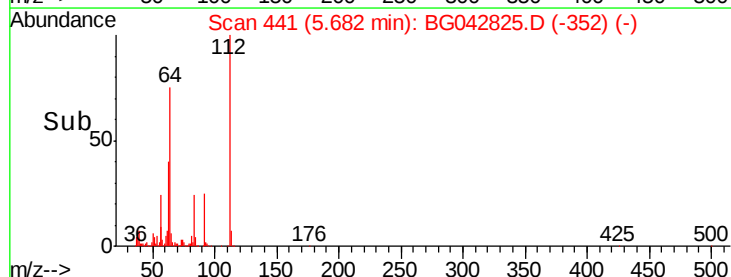
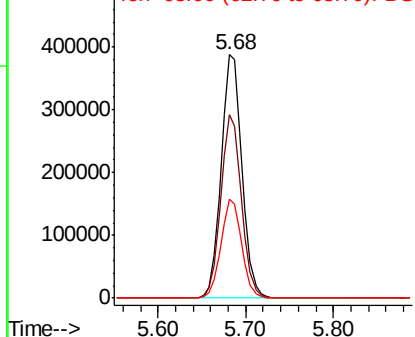


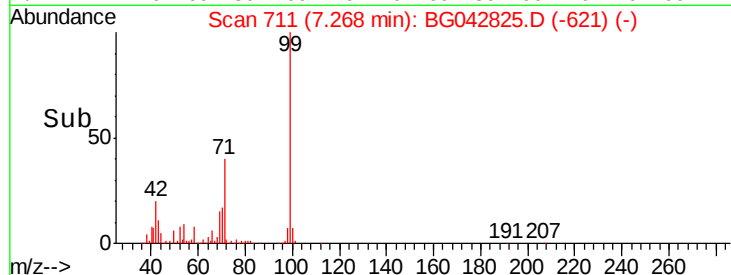
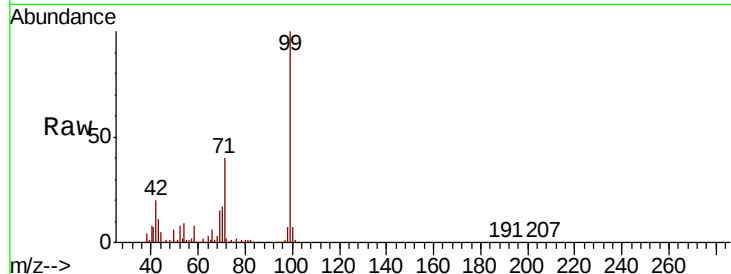
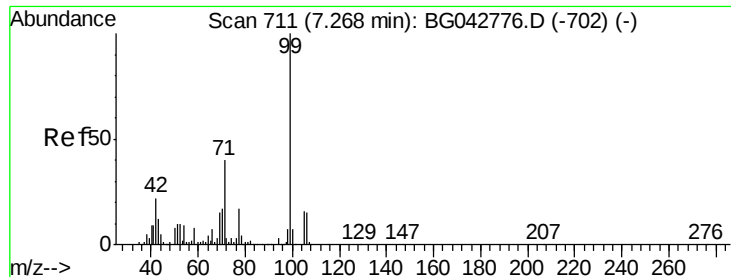
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

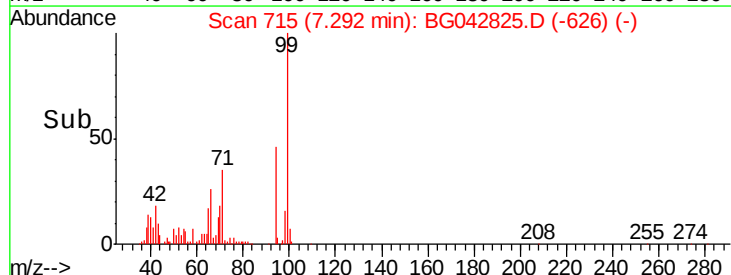
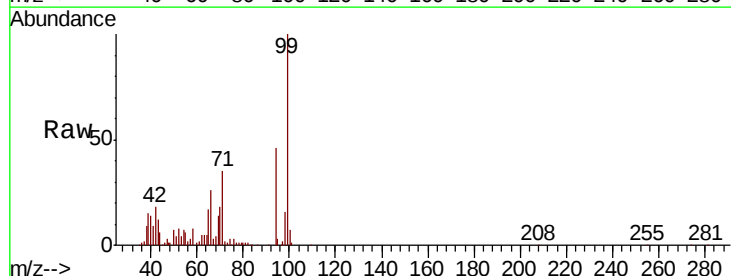
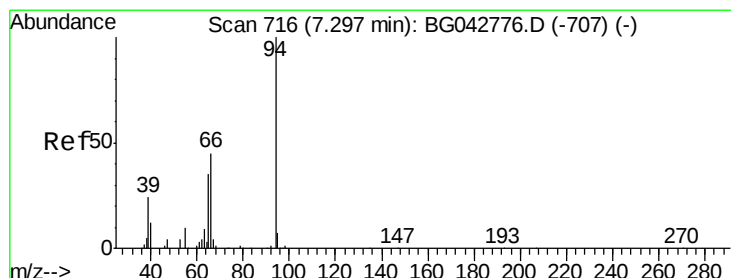
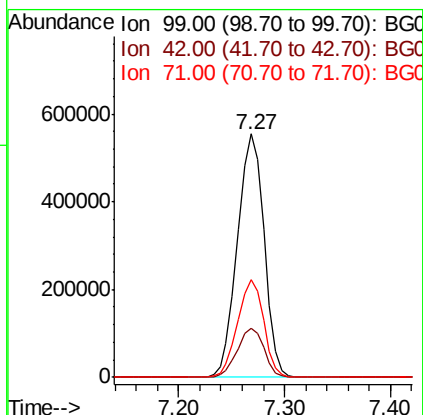




#7
Phenol-d6
Concen: 112.021 ng
RT: 7.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

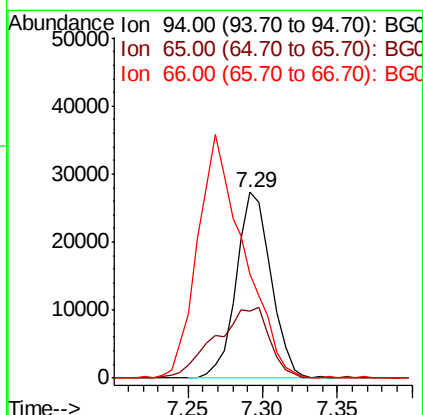
Instrument :
BNA_G
ClientSampled :

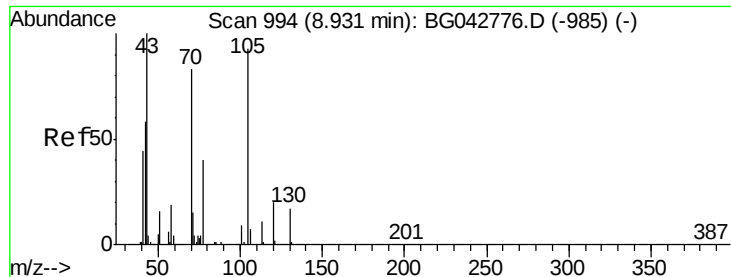
Tot Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.5	26.3
71	40.1	32.0	48.0



#10
Phenol
Concen: 4.977 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.3	15.0	55.0
66	56.3	26.1	66.1

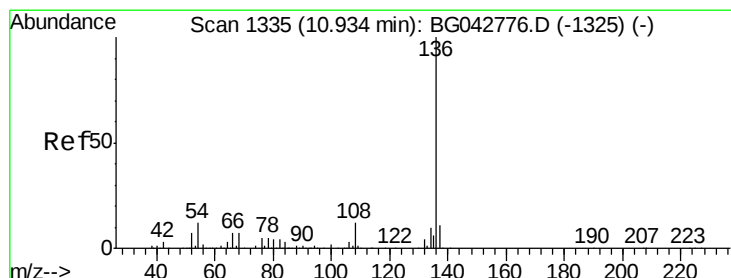
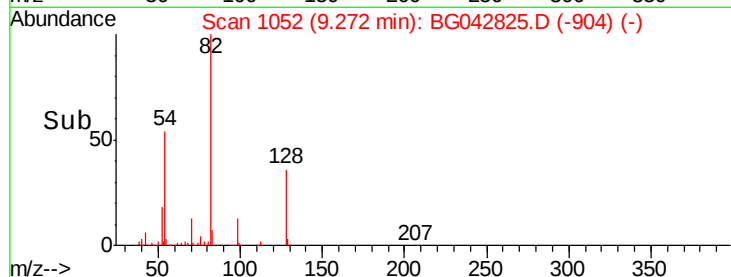
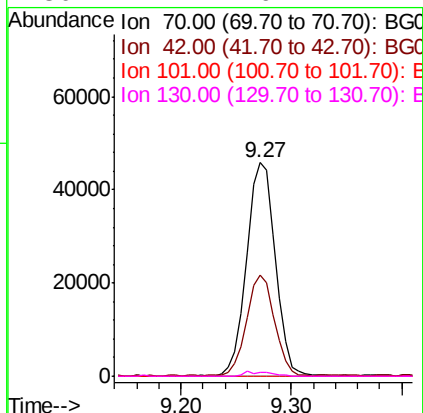
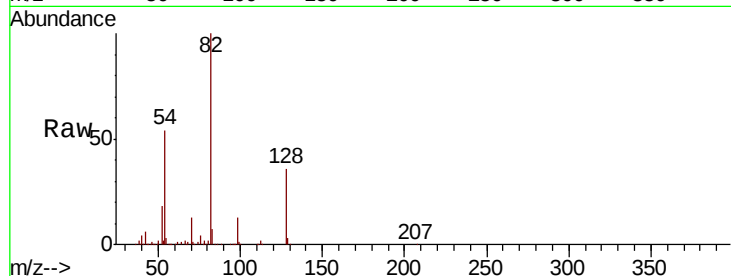




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.152 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. 0.34 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

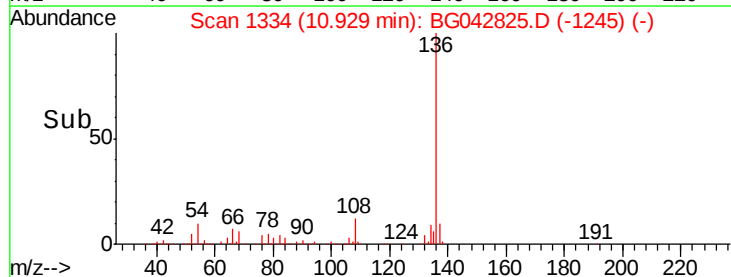
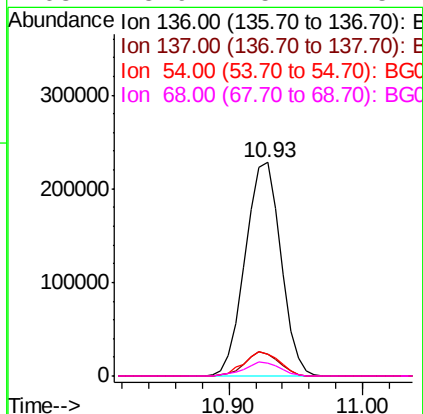
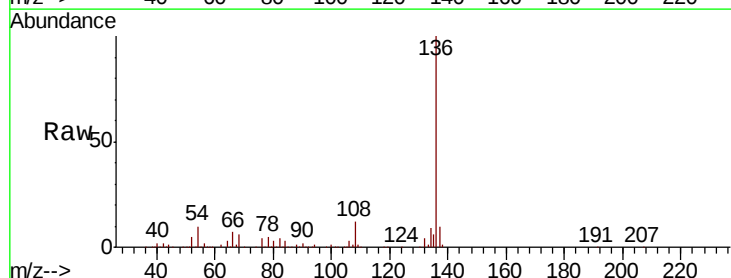
Instrument :
 BNA_G
 ClientSampleId :

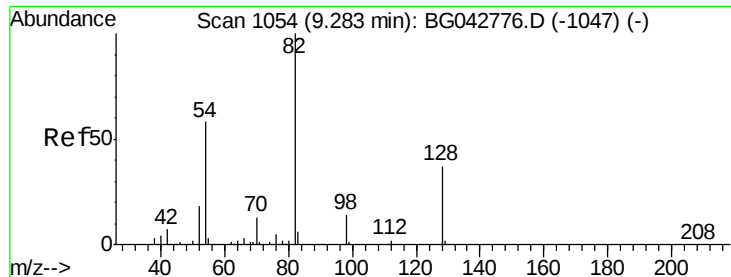
Tot Ion:	70	Resp:	83856
Ion	Ratio	Lower	Upper
70	100		
42	47.4	57.0	85.6#
101	0.0	8.4	12.6#
130	2.1	16.1	24.1#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Tgt Ion:	136	Resp:	419709
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.6
54	10.2	9.4	14.0
68	5.9	5.4	8.2





#23

Nitrobenzene-d5

Concen: 75.483 ng

RT: 9.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

Instrument :

BNA_G

ClientSampled :

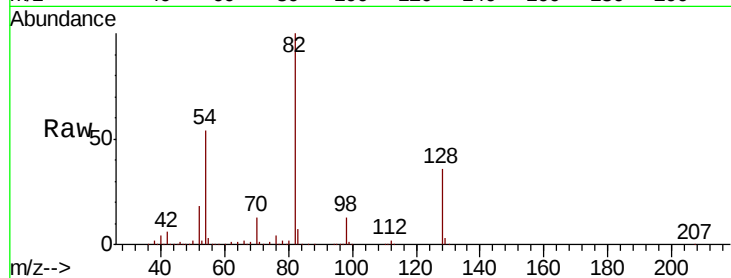
Tot Ion: 82 Resp: 608521

Ion Ratio Lower Upper

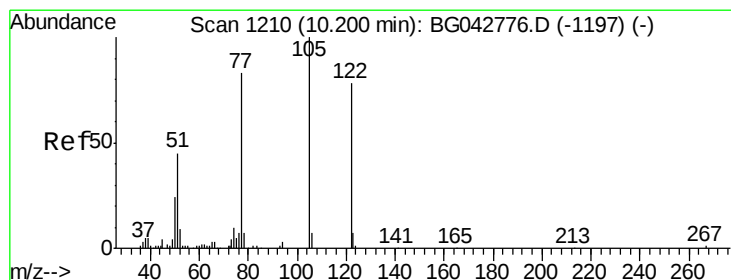
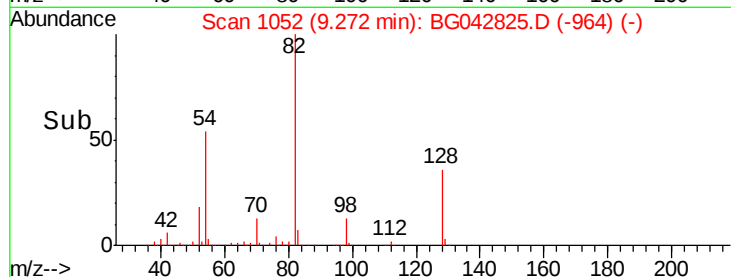
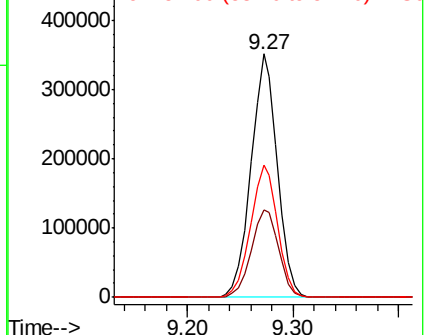
82 100

128 35.7 29.8 44.8

54 54.2 46.1 69.1



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



#32

Benzoic acid

Concen: 5.976 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.12 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

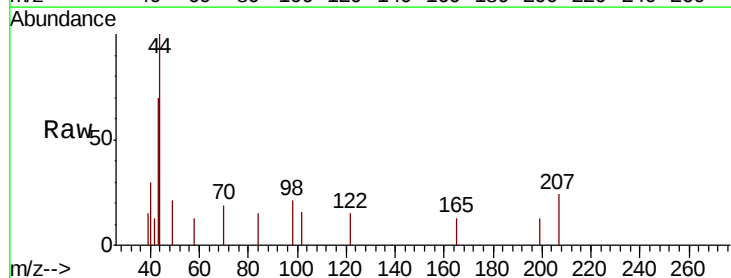
Tgt Ion: 122 Resp: 61

Ion Ratio Lower Upper

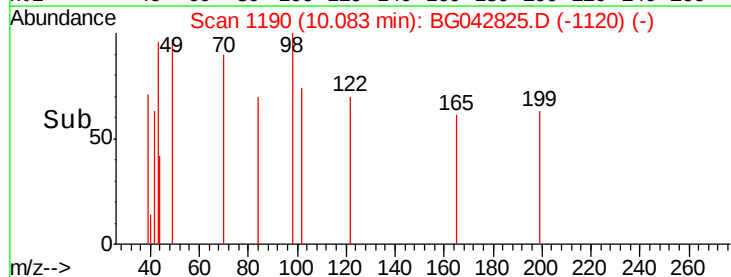
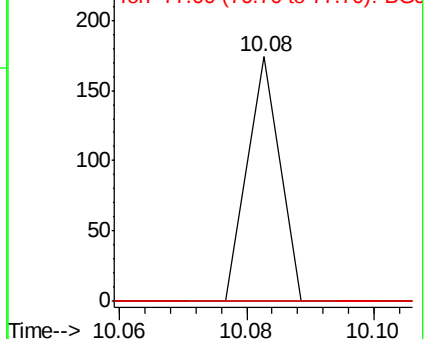
122 100

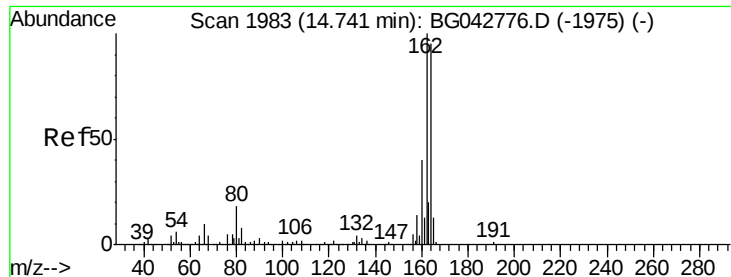
105 0.0 104.0 144.0#

77 0.0 84.2 124.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

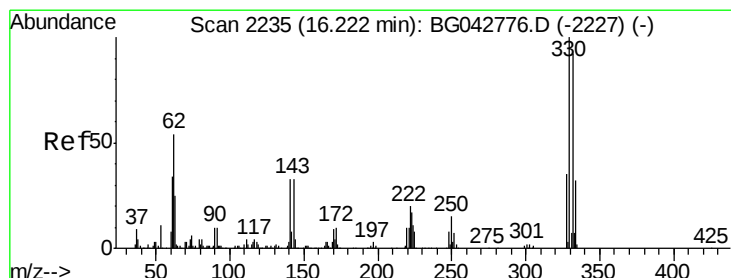
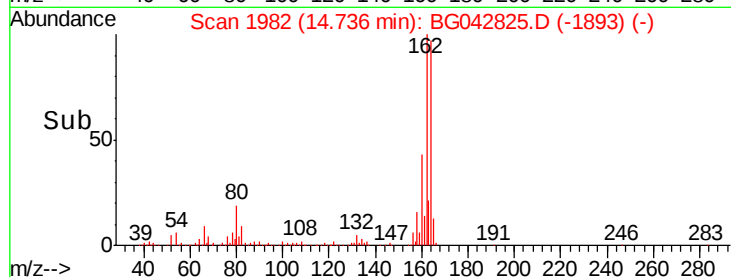
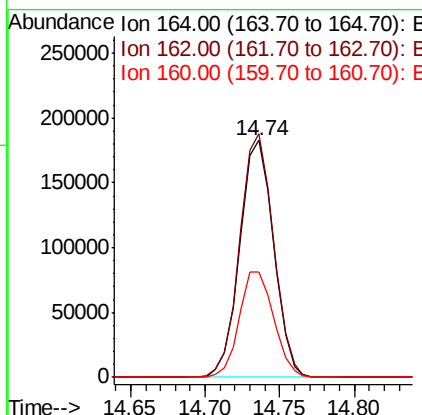
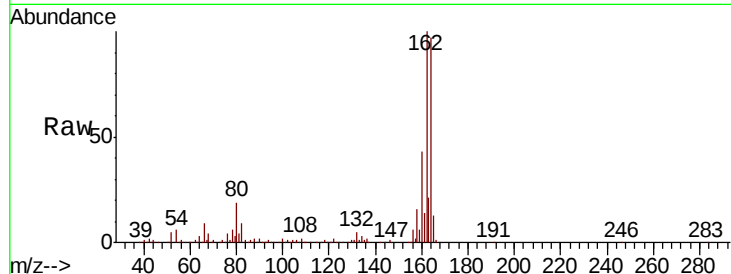




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

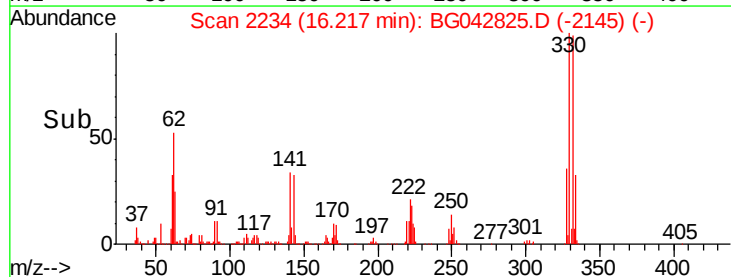
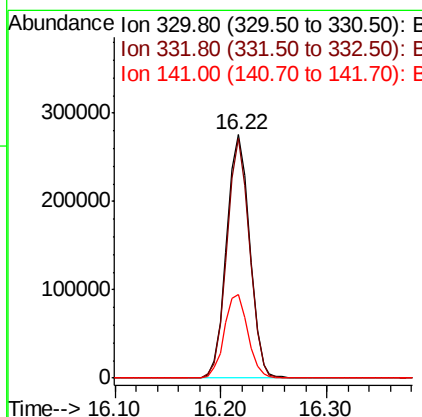
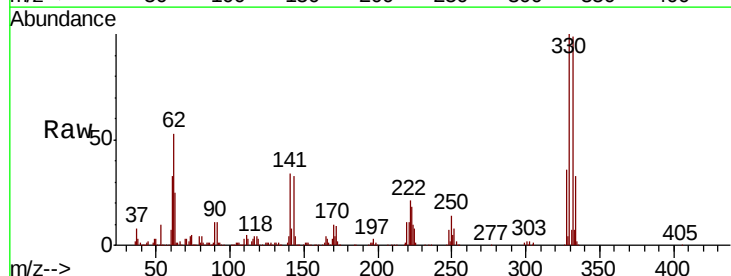
Instrument :
BNA_G
ClientSampleId :

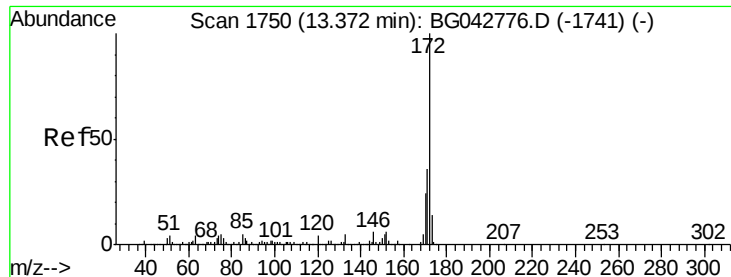
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	84.6	126.8
160	44.6	34.2	51.2



#42
2,4,6-Tribromophenol
Concen: 109.402 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	35.0	27.0	40.6



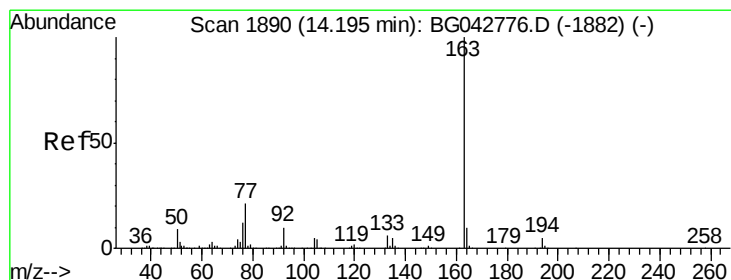
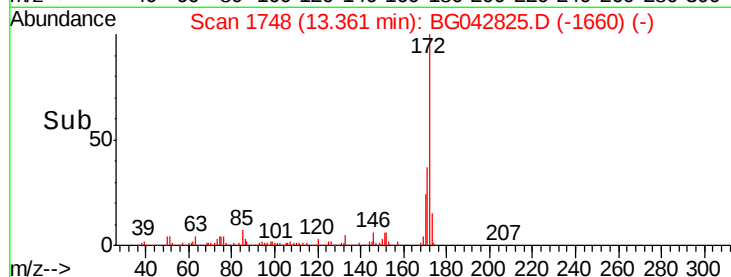
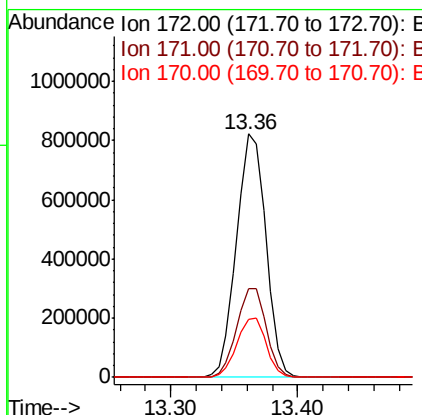
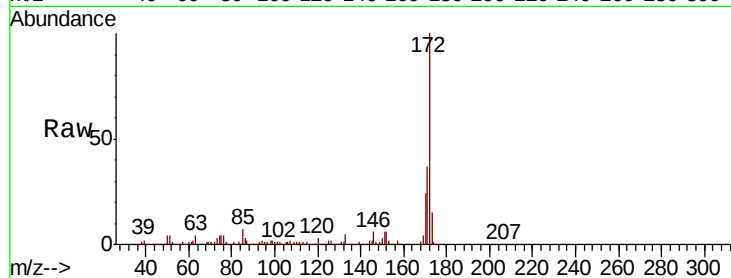


#45
 2-Fluorobiphenyl
 Concen: 73.025 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1321872

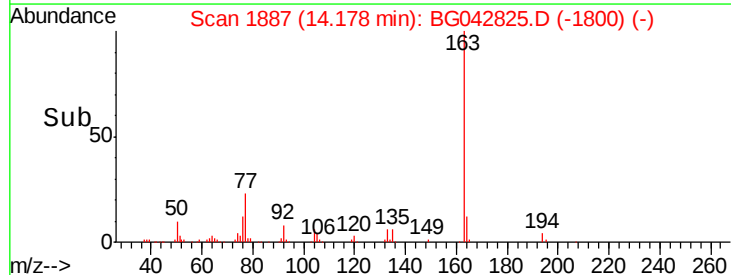
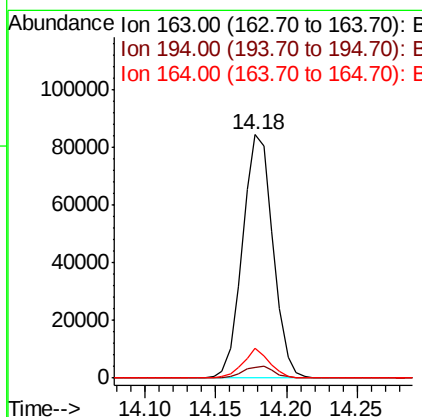
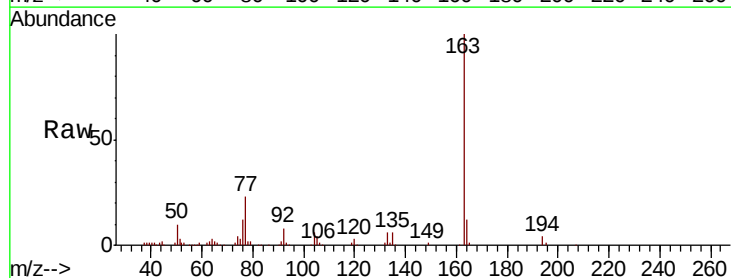
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.9	19.1	28.7

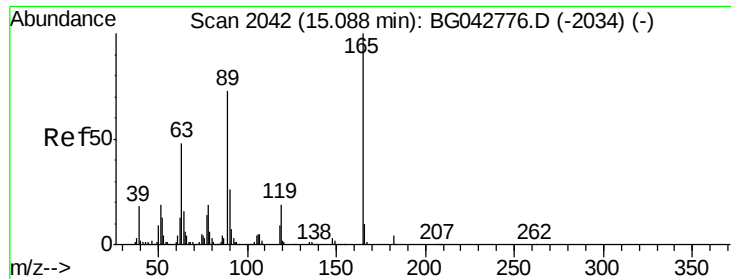


#50
 Dimethylphthalate
 Concen: 5.934 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. -0.02 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Tgt Ion:163 Resp: 127381

Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.2	6.4
164	12.1	8.4	12.6

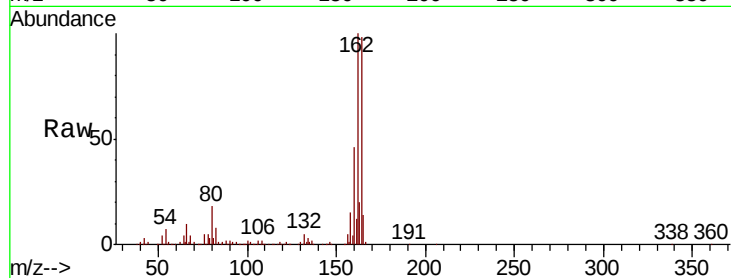




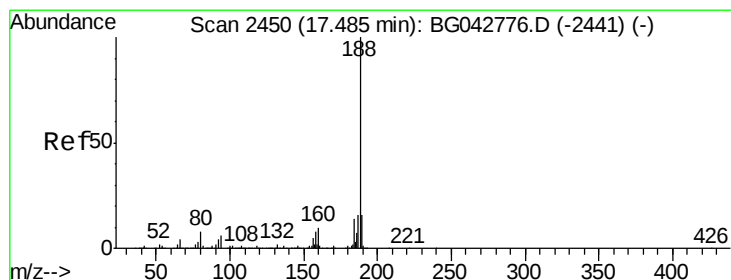
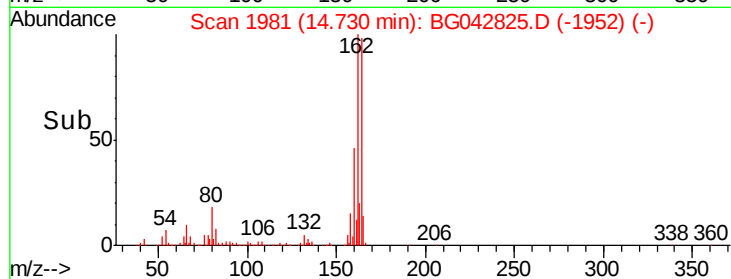
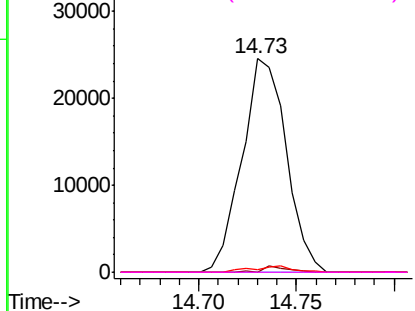
#57
 2,4-Dinitrotoluene
 Concen: 6.582 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.36 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	38643
Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	1.3	58.4	87.6#
182	0.0	2.9	4.3#

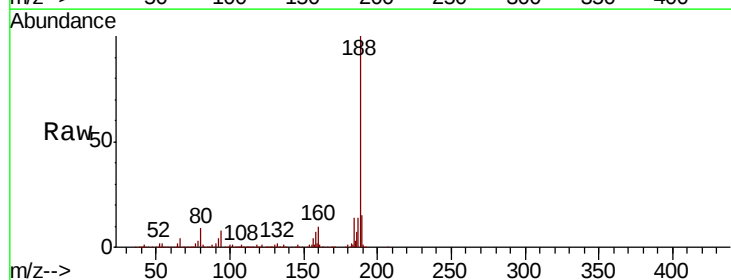


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

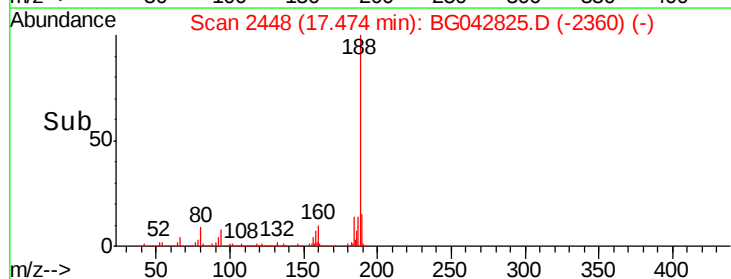
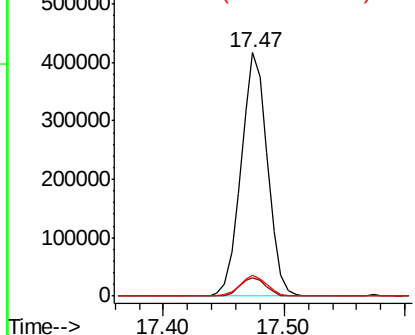


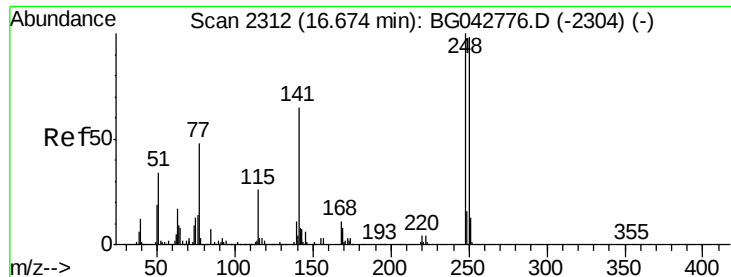
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Tgt Ion:	188	Resp:	632309
Ion	Ratio	Lower	Upper
188	100		
94	7.6	4.8	7.2#
80	8.7	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

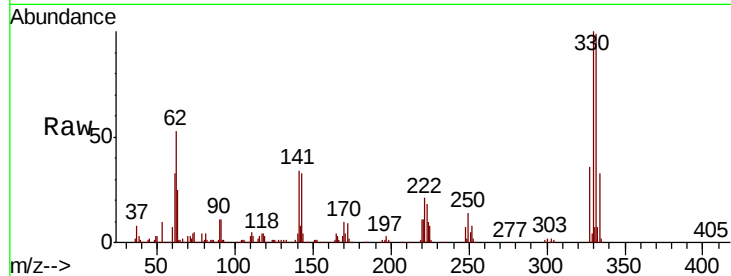




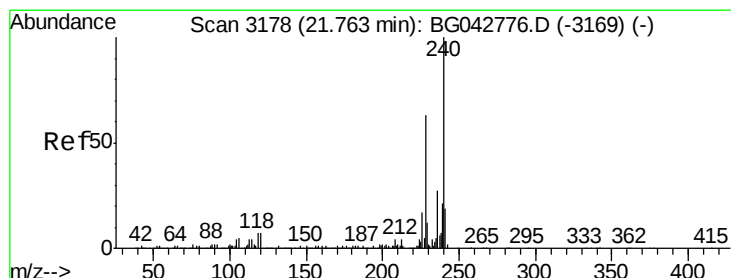
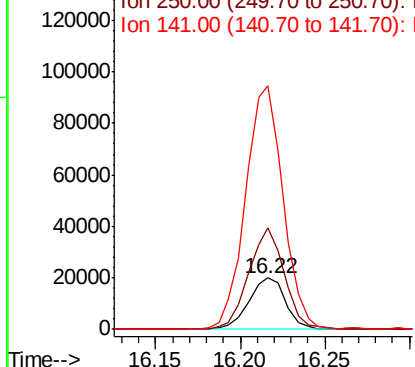
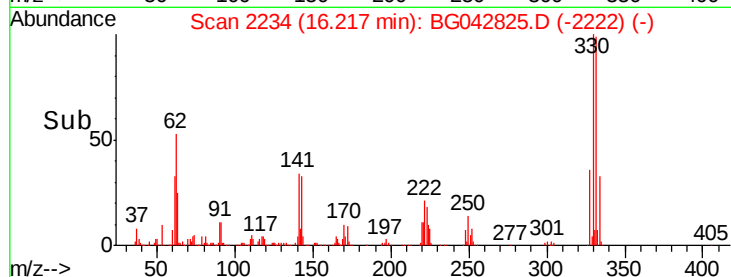
#67
 4-Bromophenyl-phenylether
 Concen: 3.903 ng
 RT: 16.22 min Scan# 2234
 Delta R.T. -0.46 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 29871
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.0 117.0#
 141 474.7 51.8 77.6#

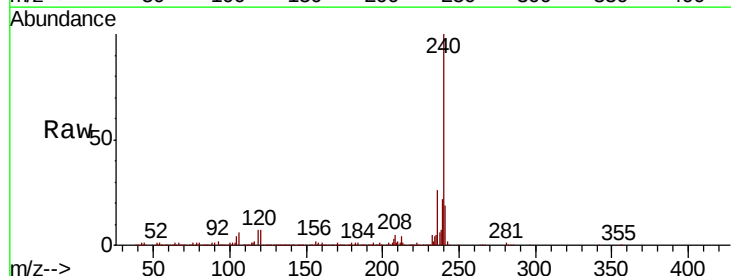


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

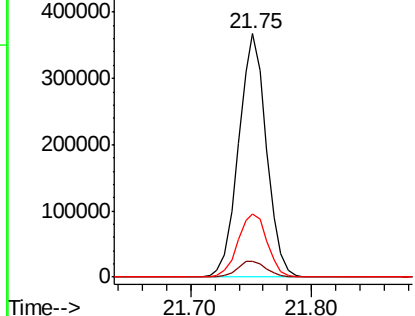
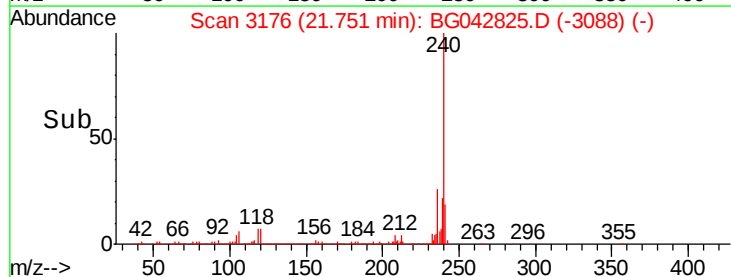


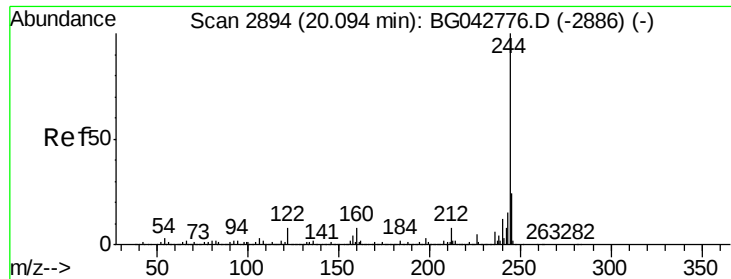
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Tgt Ion:240 Resp: 588810
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.4 8.2
 236 26.1 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: 76.165 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

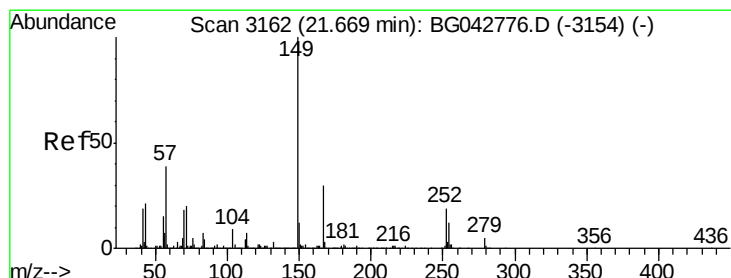
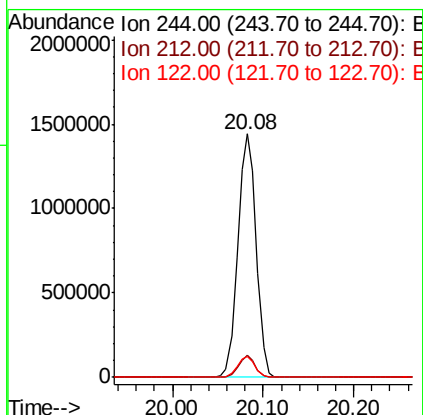
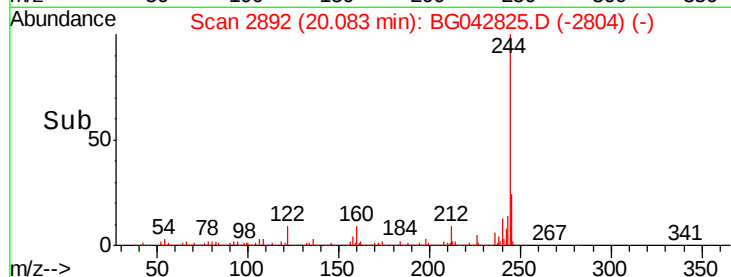
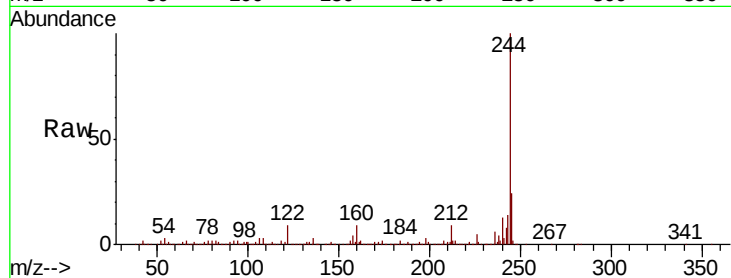
Tot Ion:244 Resp: 2023505

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

122 8.7 6.2 9.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.319 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

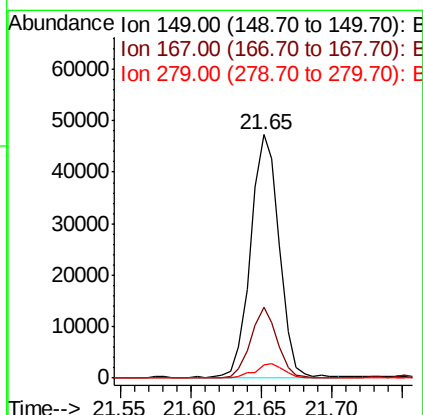
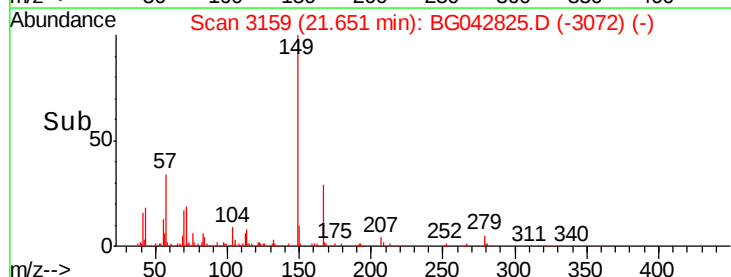
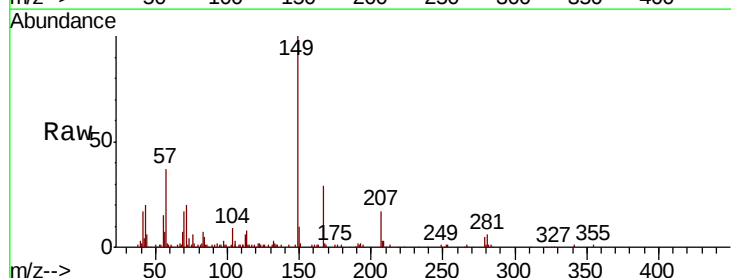
Tgt Ion:149 Resp: 67661

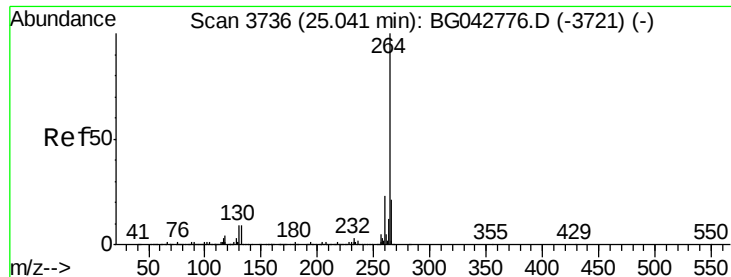
Ion Ratio Lower Upper

149 100

167 29.0 24.3 36.5

279 5.2 4.2 6.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.02 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.2	16.9	25.3

