

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042831.D
 Acq On : 14 Sep 2019 00:16
 Operator : HP/JU
 Sample : K4847-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 07:02:06 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

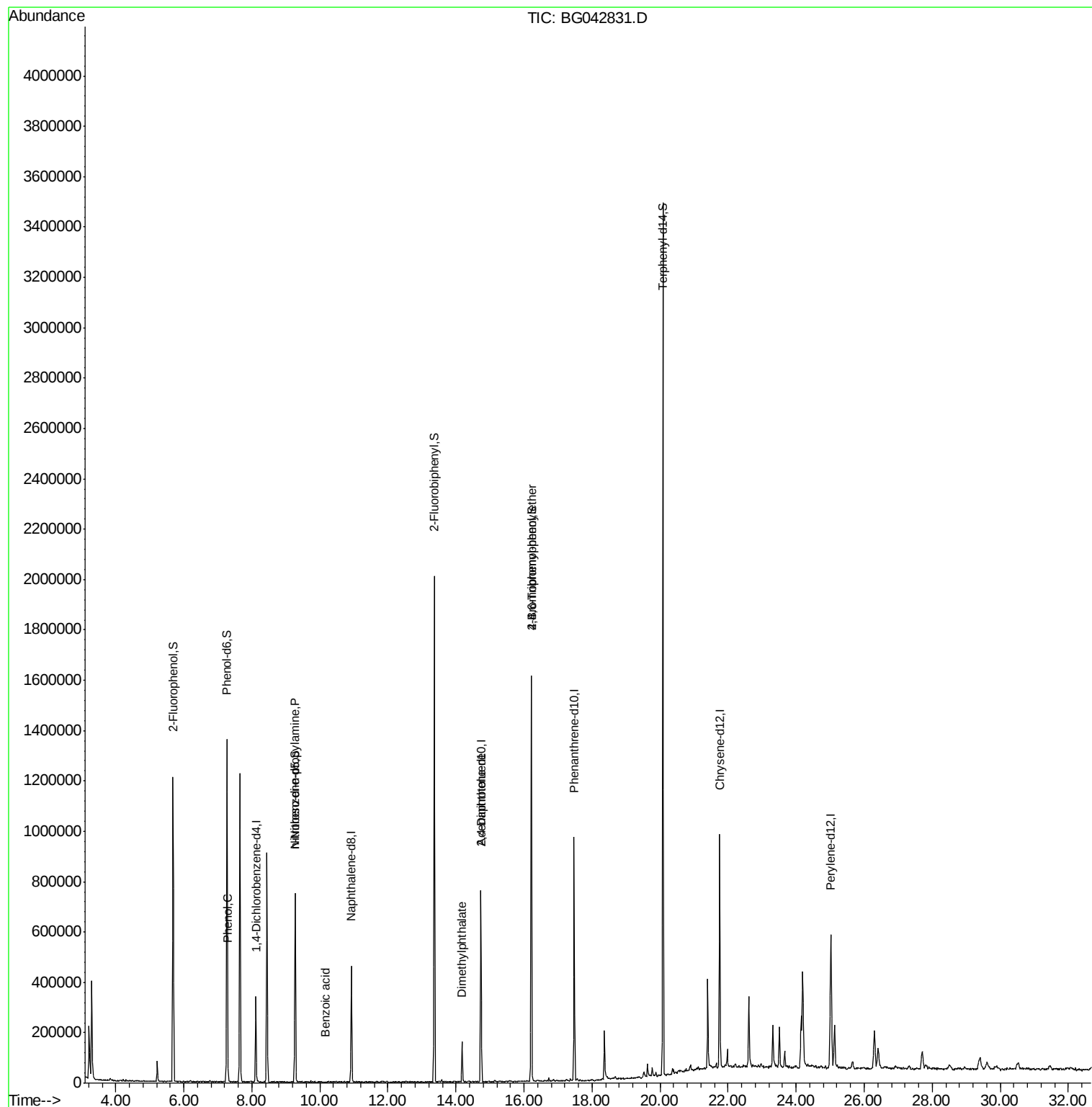
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	97003	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	389515	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	260619	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	587390	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	547401	20.00	ng	-0.01
87) Perylene-d12	25.02	264	593843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	492123	88.20	ng	0.00
7) Phenol-d6	7.27	99	748384	93.45	ng	0.00
23) Nitrobenzene-d5	9.27	82	467694	62.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	312144	90.02	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1053375	63.98	ng	-0.01
79) Terphenyl-d14	20.08	244	1623551	65.73	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	33106	4.031	ng	85
19) n-Nitroso-di-n-propylamine	9.28	70	65834	11.156	ng	# 68
32) Benzoic acid	10.17	122	69	5.978	ng	# 1
50) Dimethylphthalate	14.18	163	96889	4.963	ng	99
57) 2,4-Dinitrotoluene	14.73	165	35655	6.677	ng	# 24
67) 4-Bromophenyl-phenylether	16.22	248	22380	3.148	ng	# 1

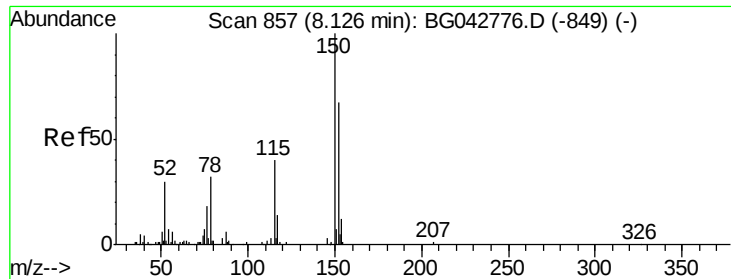
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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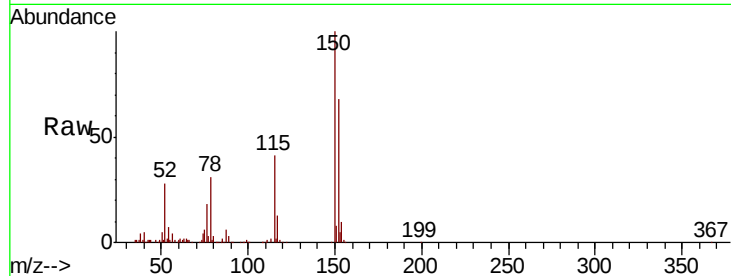


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG042831.D
Acq: 14 Sep 2019 00:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	118.9	178.3
115	60.5	47.4	71.2

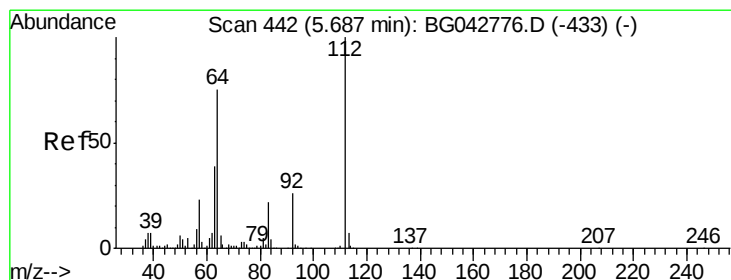
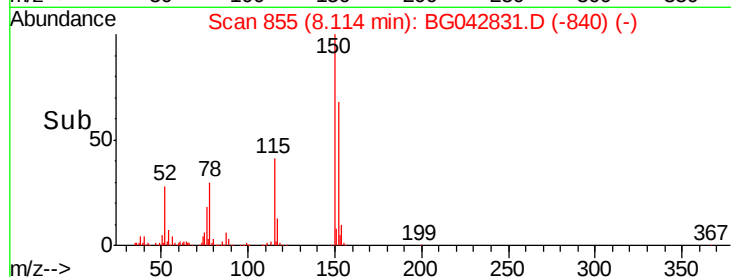
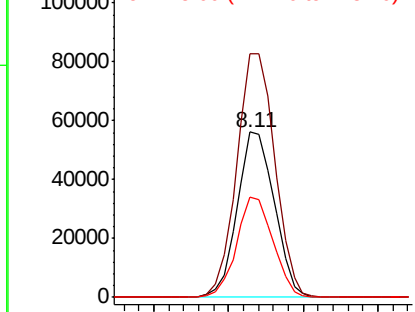


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

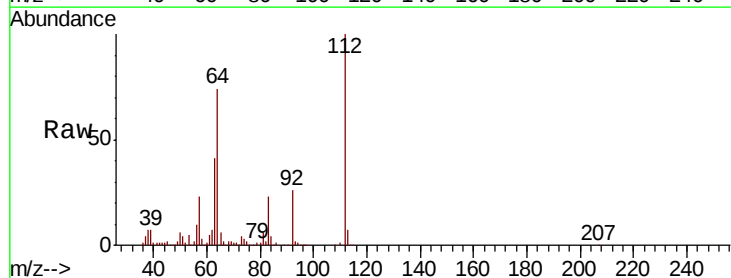
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.201 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042831.D
Acq: 14 Sep 2019 00:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	60.2	90.2
63	41.2	31.2	46.8

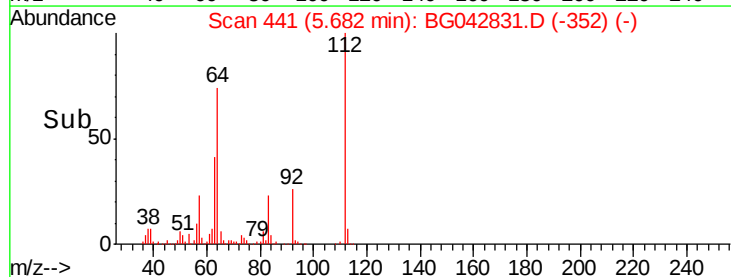
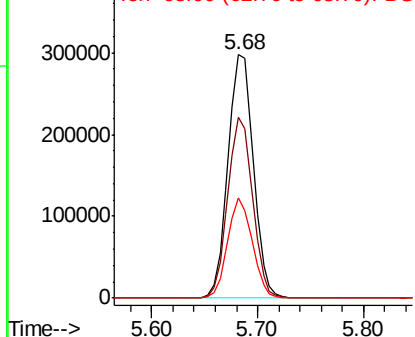


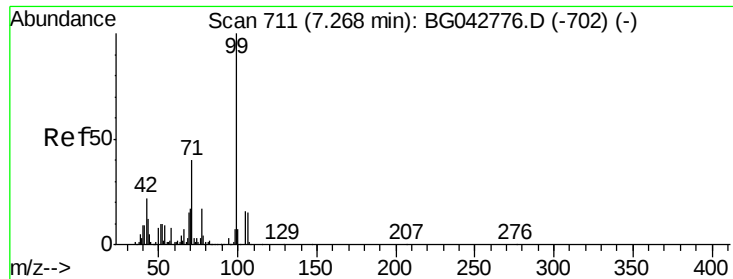
Abundance

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: 93.448 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042831.D

Acq: 14 Sep 2019 00:16

Instrument :

BNA_G

ClientSampleId :

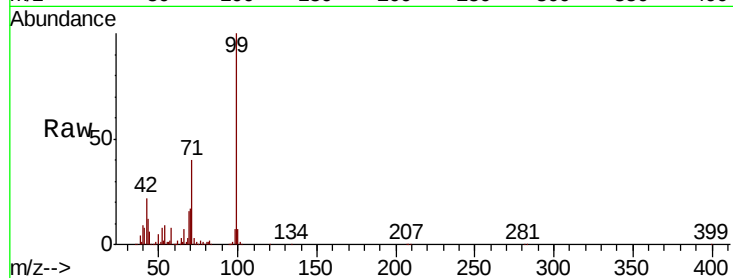
Tot Ion: 99 Resp: 748384

Ion Ratio Lower Upper

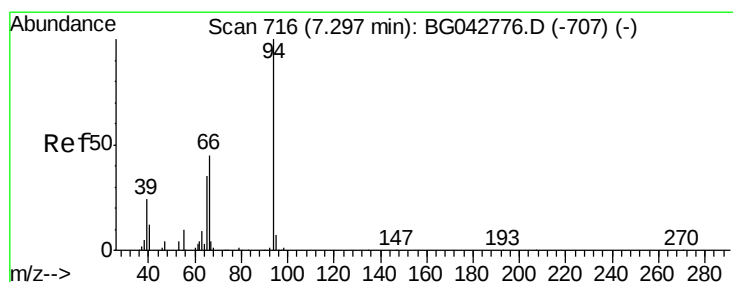
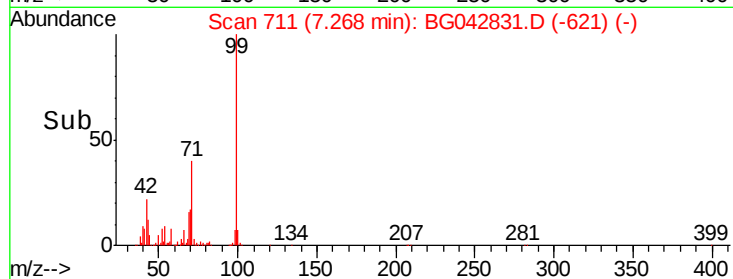
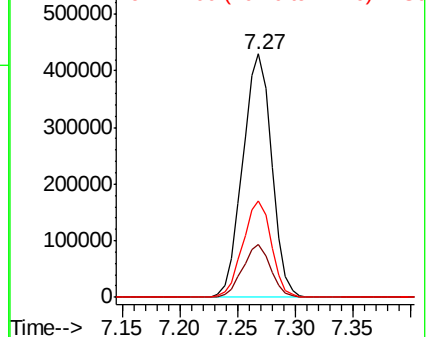
99 100

42 21.6 17.5 26.3

71 39.7 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



#10

Phenol

Concen: 4.031 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042831.D

Acq: 14 Sep 2019 00:16

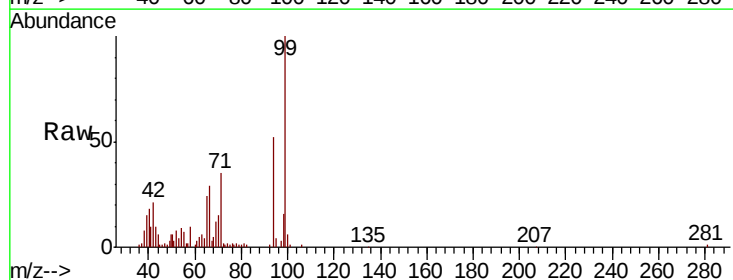
Tgt Ion: 94 Resp: 33106

Ion Ratio Lower Upper

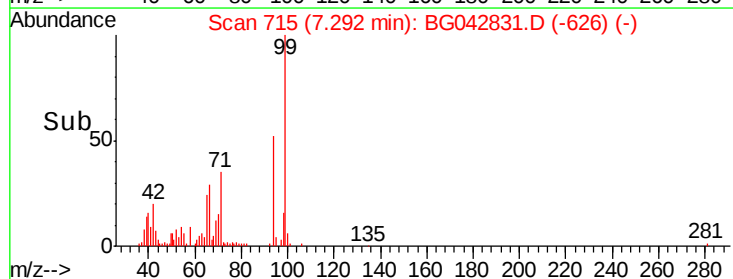
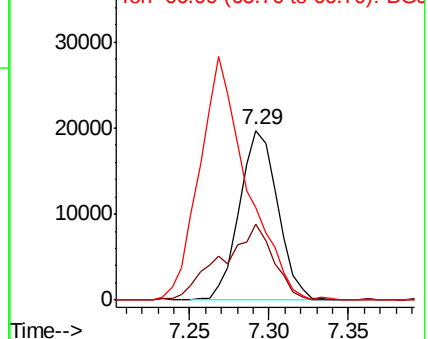
94 100

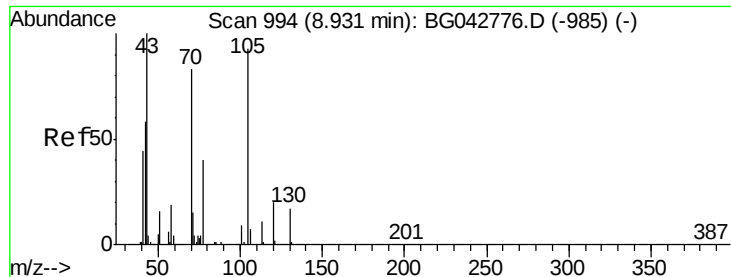
65 45.0 15.0 55.0

66 54.7 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

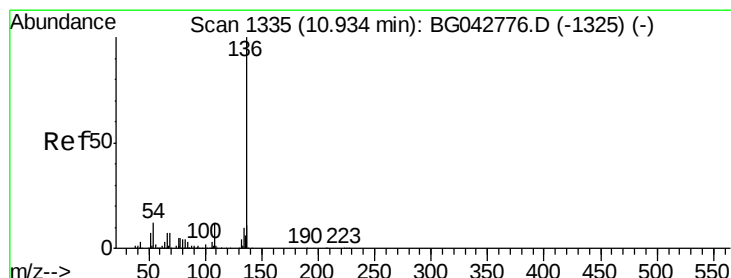
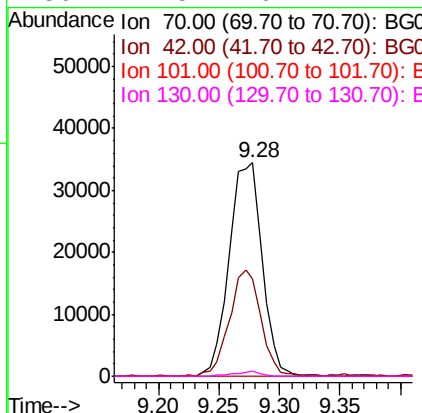
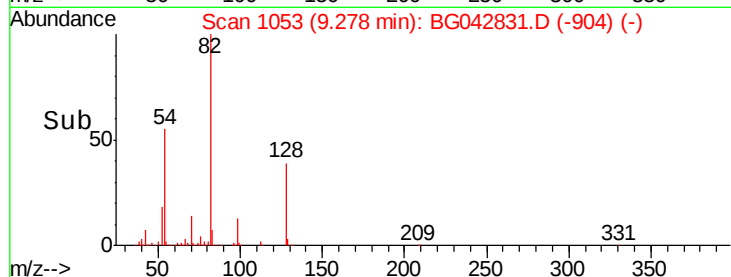
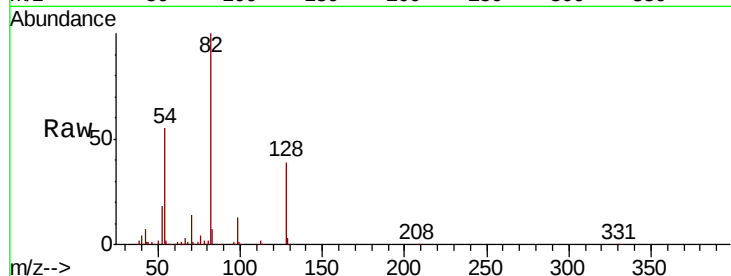




#19
n-Nitroso-di-n-propylamine
Concen: 11.156 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.35 min
Lab File: BG042831.D
Acq: 14 Sep 2019 00:16

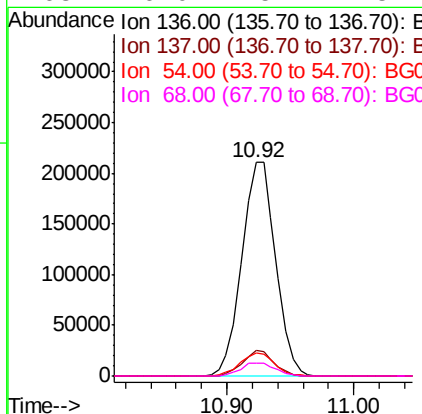
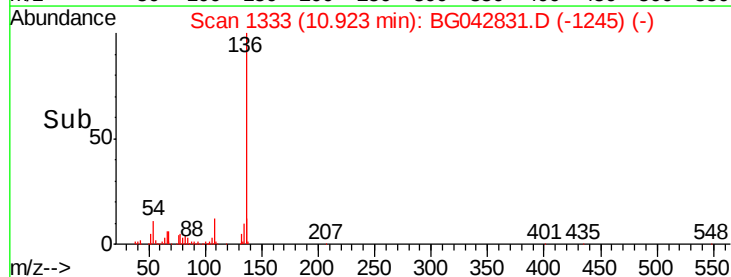
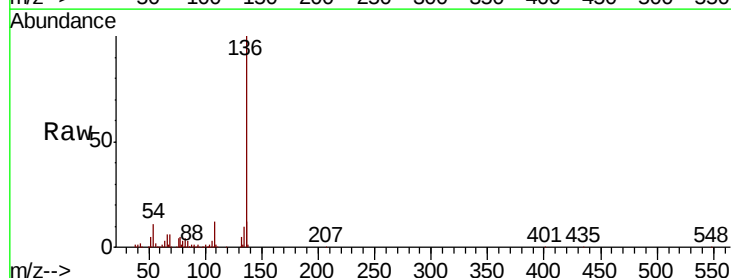
Instrument :
BNA_G
ClientSampleId :

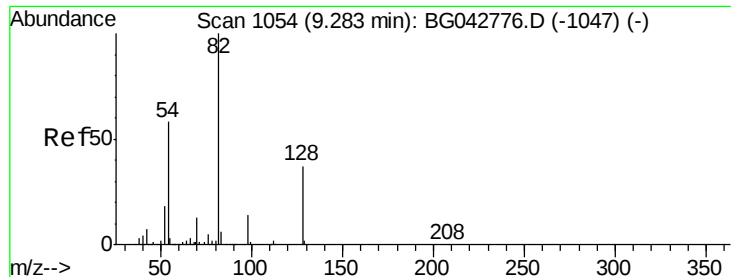
Tot Ion: 70 Resp: 65834
Ion Ratio Lower Upper
70 100
42 45.9 57.0 85.6#
101 0.0 8.4 12.6#
130 2.5 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042831.D
Acq: 14 Sep 2019 00:16

Tgt Ion: 136 Resp: 389515
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 10.9 9.4 14.0
68 6.0 5.4 8.2

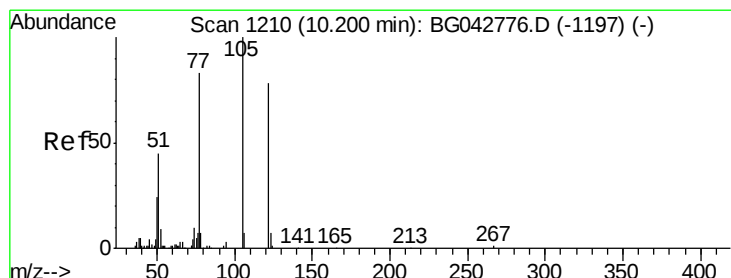
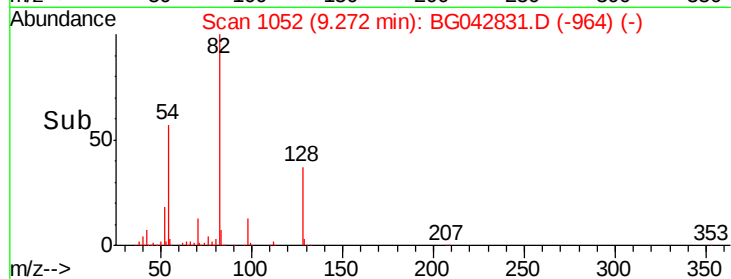
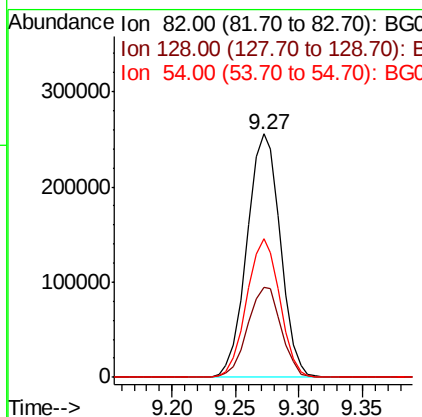
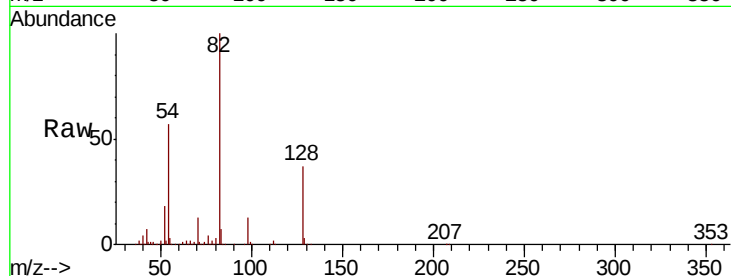




#23
 Nitrobenzene-d5
 Concen: 62.512 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042831.D
 Acq: 14 Sep 2019 00:16

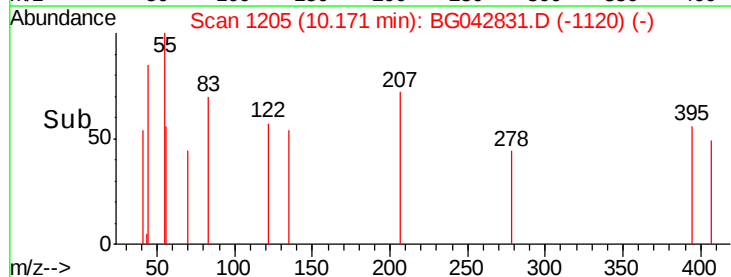
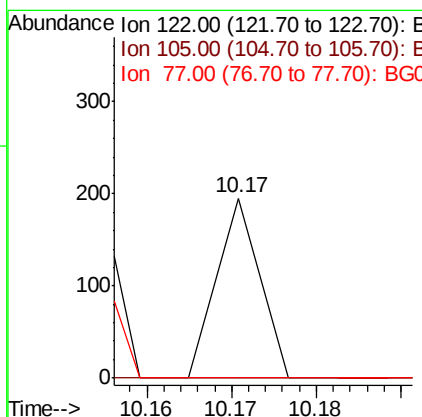
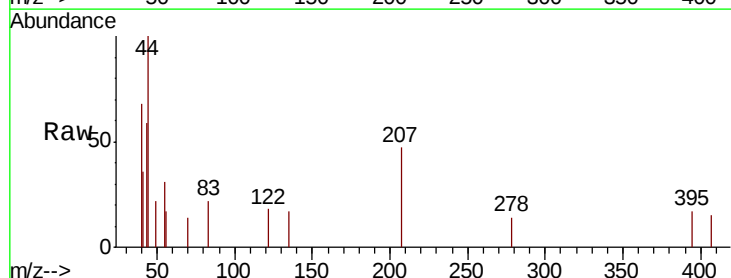
Instrument :
 BNA_G
 ClientSampleId :

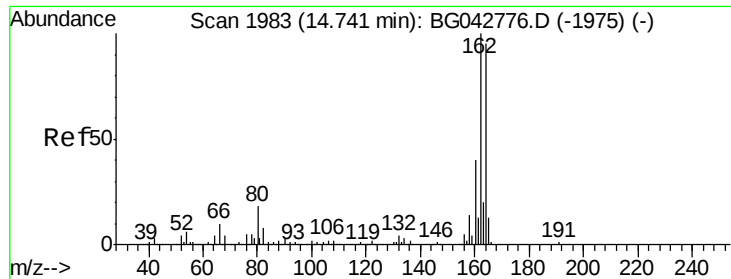
Tot Ion	82	Resp	467694
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.8	44.8
54	56.8	46.1	69.1



#32
 Benzoic acid
 Concen: 5.978 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BG042831.D
 Acq: 14 Sep 2019 00:16

Tgt Ion	122	Resp	69
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: BG042831.D

Acq: 14 Sep 2019 00:16

Instrument :

BNA_G

ClientSampleId :

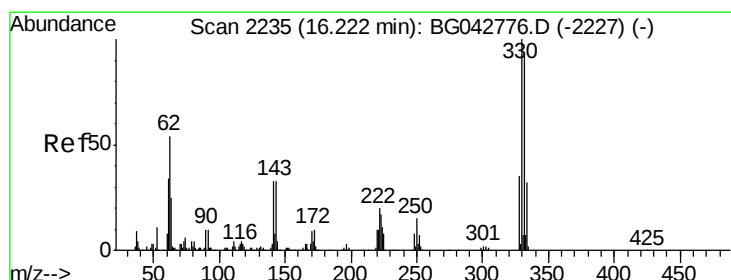
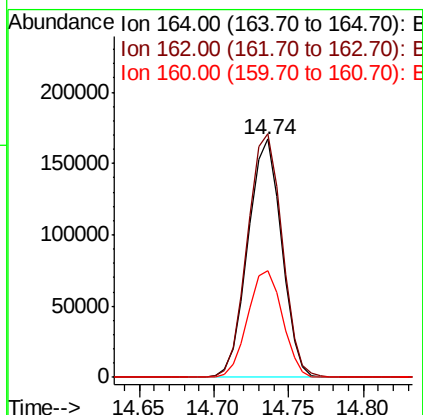
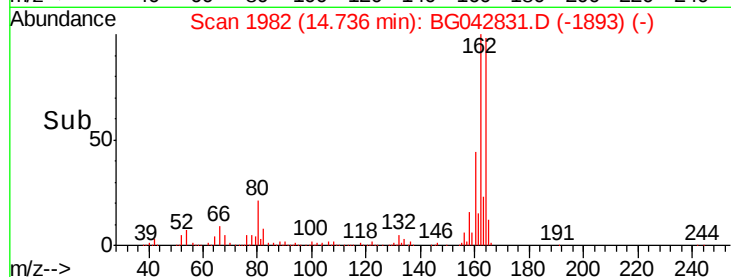
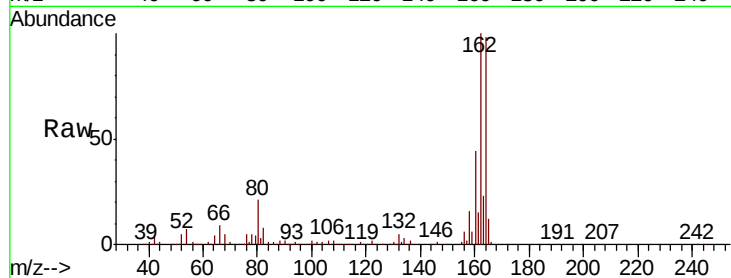
Tot Ion:164 Resp: 260619

Ion Ratio Lower Upper

164 100

162 102.3 84.6 126.8

160 44.7 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 90.024 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042831.D

Acq: 14 Sep 2019 00:16

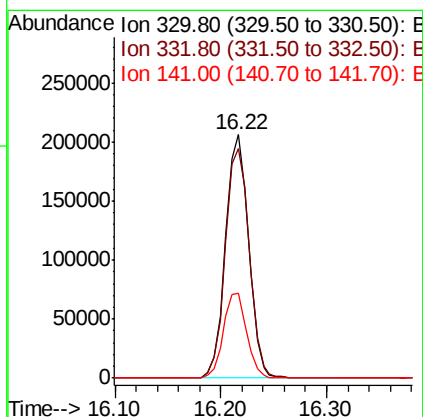
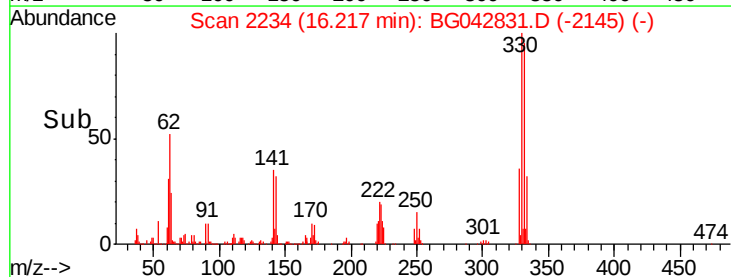
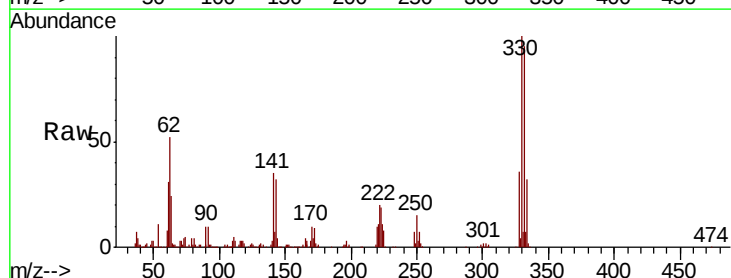
Tgt Ion:330 Resp: 312144

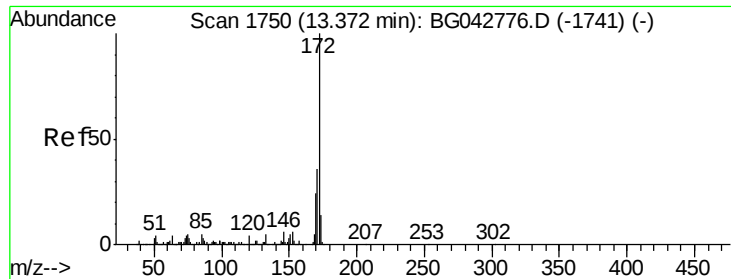
Ion Ratio Lower Upper

330 100

332 98.0 76.7 115.1

141 35.4 27.0 40.6

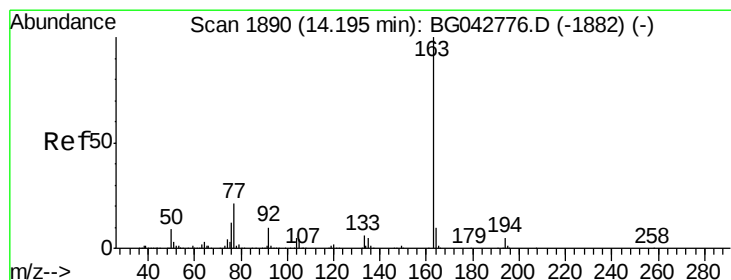
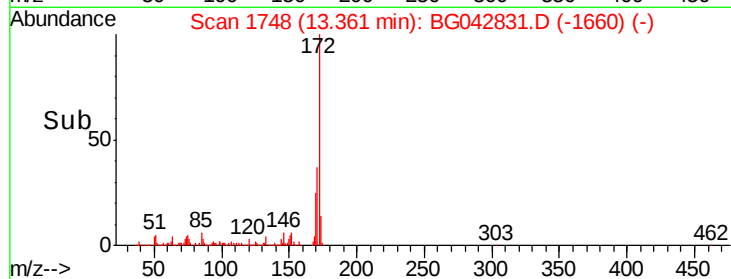
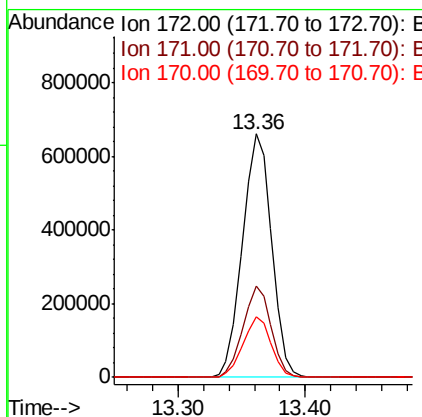
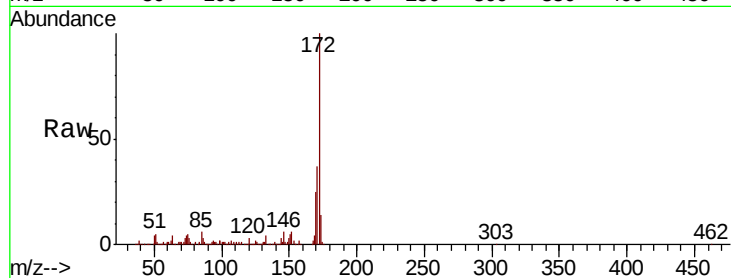




#45
 2-Fluorobiphenyl
 Concen: 63.979 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG042831.D
 Acq: 14 Sep 2019 00:16

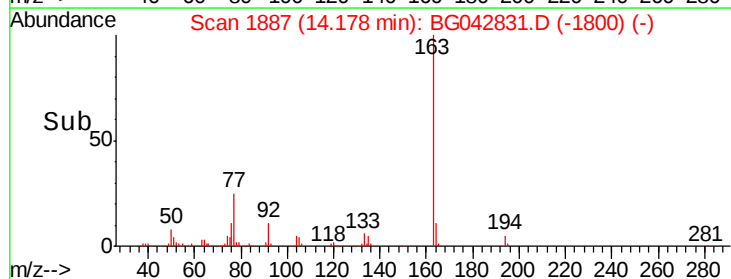
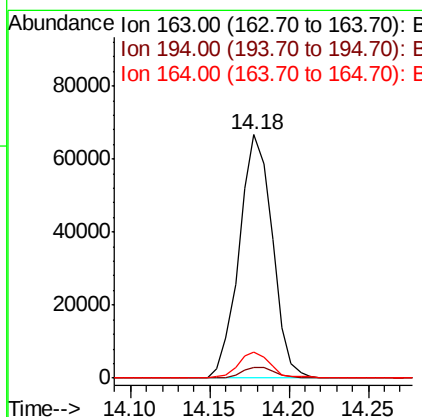
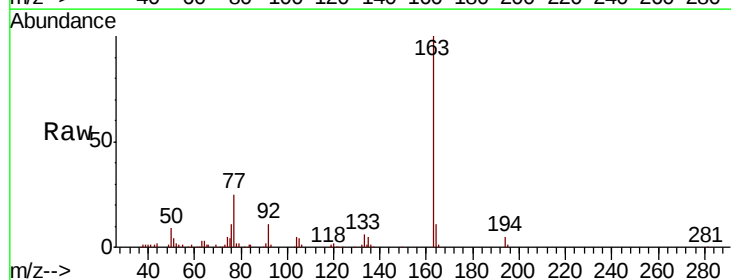
Instrument :
 BNA_G
 ClientSampleId :

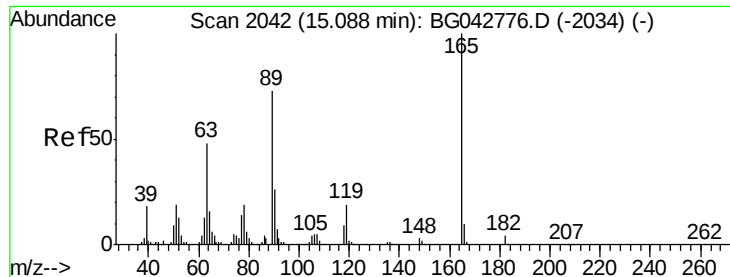
Tot Ion:172 Resp: 1053375
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 24.8 19.1 28.7



#50
 Dimethylphthalate
 Concen: 4.963 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. -0.02 min
 Lab File: BG042831.D
 Acq: 14 Sep 2019 00:16

Tgt Ion:163 Resp: 96889
 Ion Ratio Lower Upper
 163 100
 194 4.6 4.2 6.4
 164 10.8 8.4 12.6

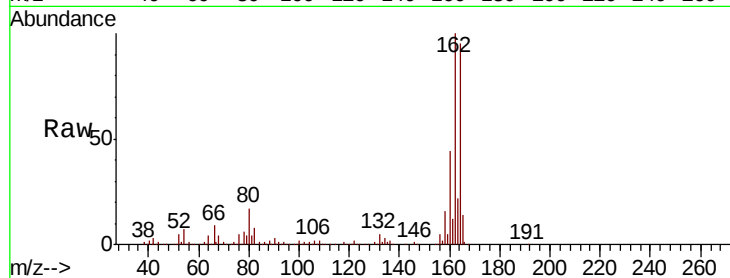




#57
 2,4-Dinitrotoluene
 Concen: 6.677 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.36 min
 Lab File: BG042831.D
 Acq: 14 Sep 2019 00:16

Instrument :
 BNA_G
 ClientSampleId :

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

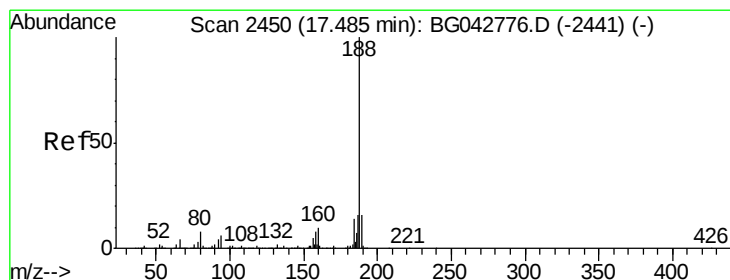
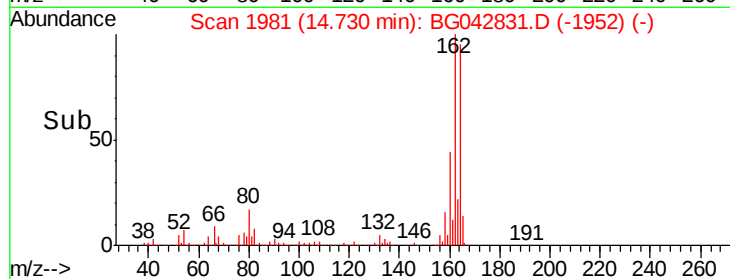
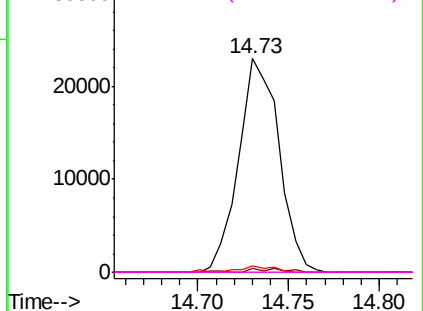


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

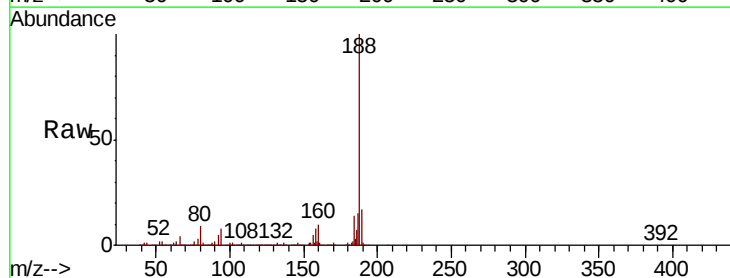
Ion 89.00 (88.70 to 89.70): BGC

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: BG042831.D
 Acq: 14 Sep 2019 00:16

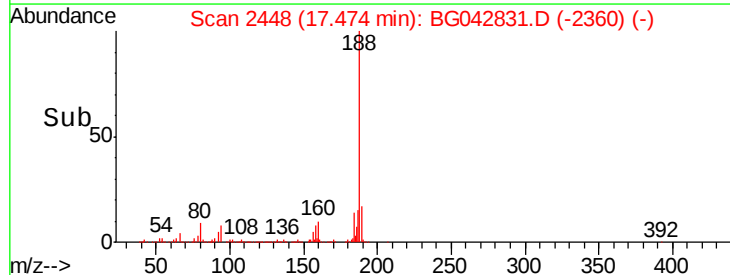
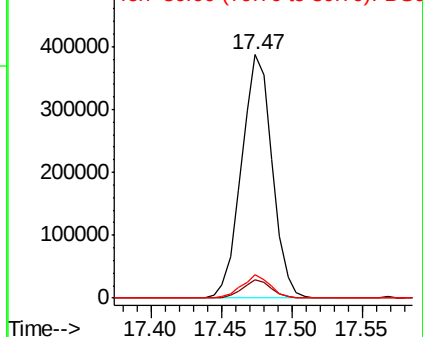
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	4.8	7.2#
80	9.4	6.6	9.8

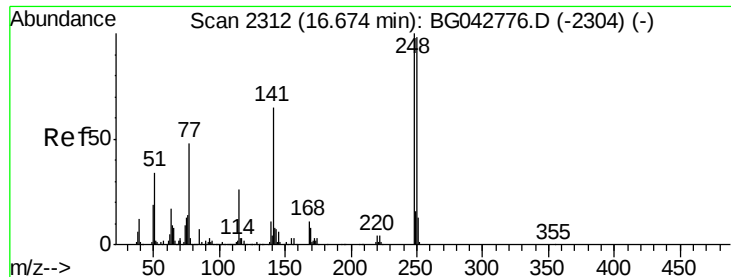


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 3.148 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.46 min

Lab File: BG042831.D

Acq: 14 Sep 2019 00:16

Instrument :

BNA_G

ClientSampleId :

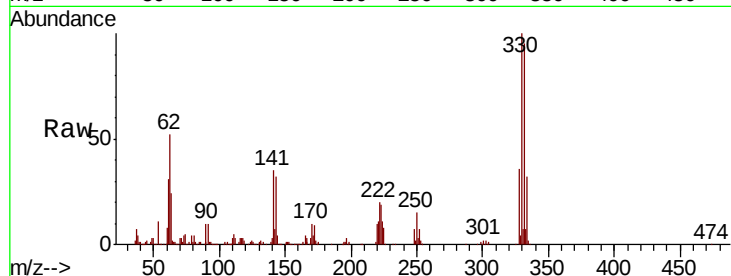
Tot Ion:248 Resp: 22380

Ion Ratio Lower Upper

248 100

250 213.7 78.0 117.0#

141 516.1 51.8 77.6#

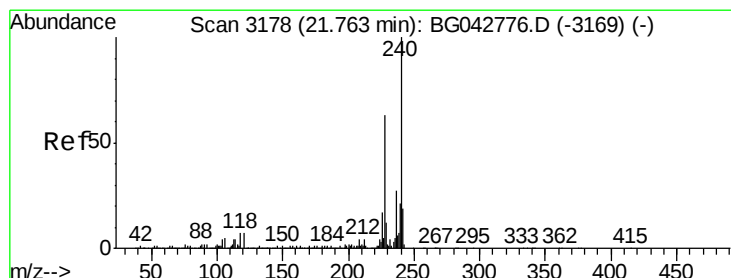
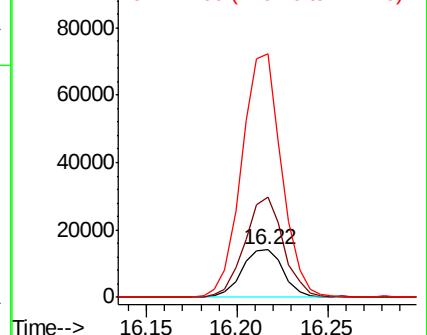
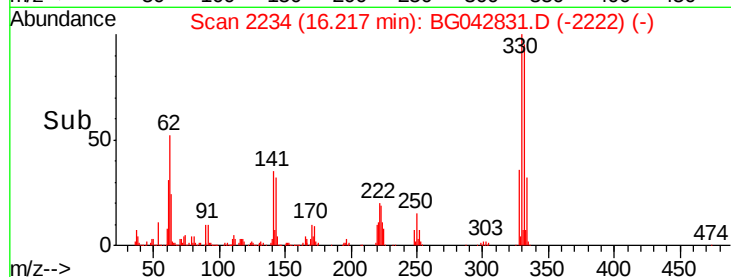


Abundance

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: BG042831.D

Acq: 14 Sep 2019 00:16

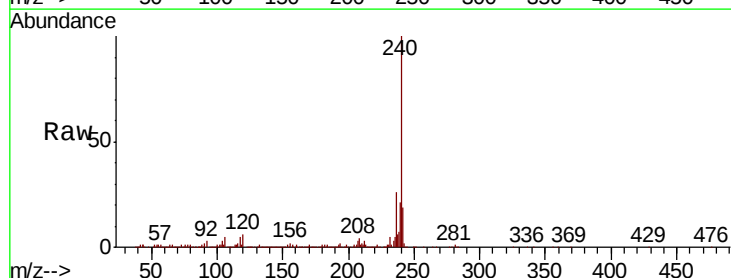
Tgt Ion:240 Resp: 547401

Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.2

236 26.2 21.7 32.5

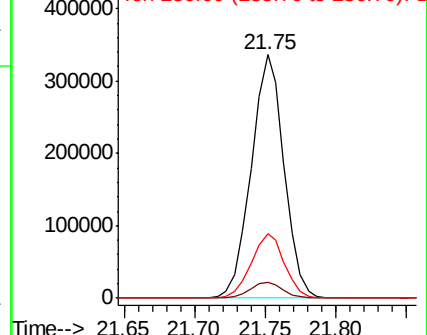
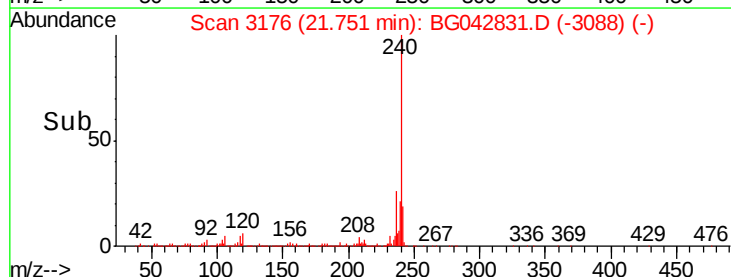


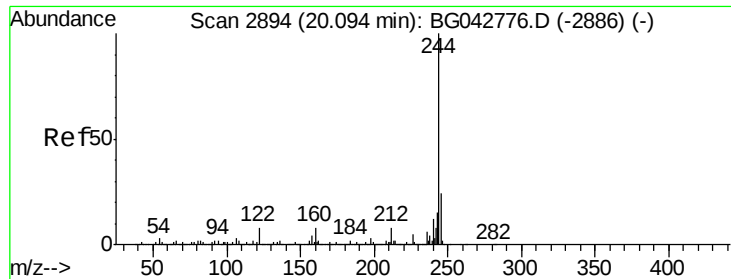
Abundance

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: 65.733 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042831.D

Acq: 14 Sep 2019 00:16

Instrument :

BNA_G

ClientSampleId :

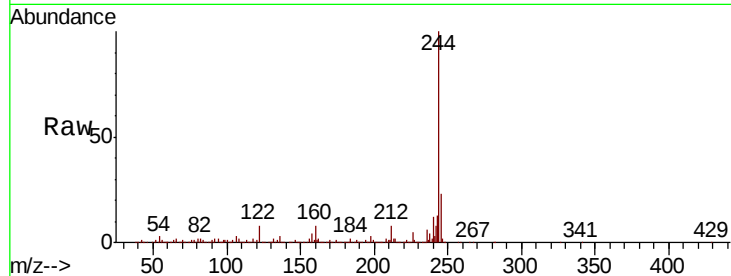
Tot Ion:244 Resp: 1623551

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

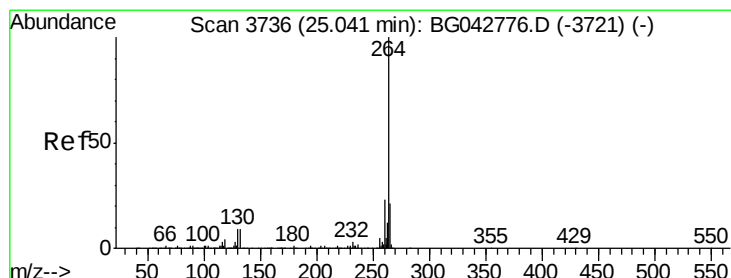
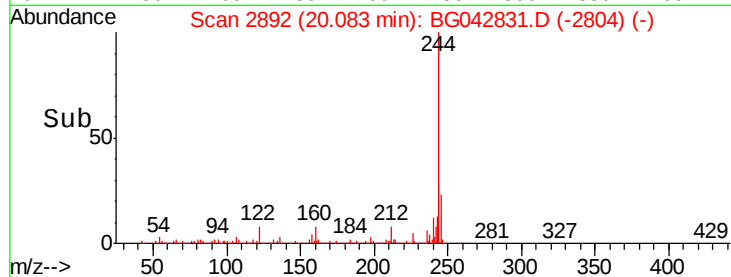
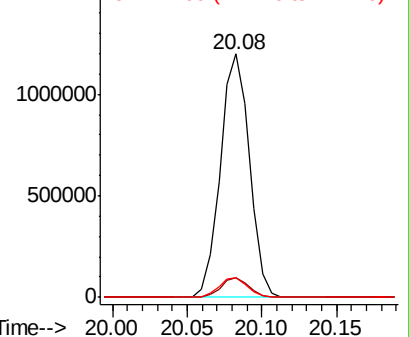
122 8.2 6.2 9.4



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: BG042831.D

Acq: 14 Sep 2019 00:16

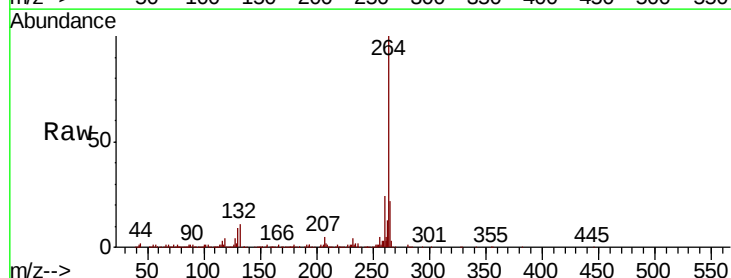
Tgt Ion:264 Resp: 593843

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.6 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

