

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042615.D
 Acq On : 31 Aug 2019 00:28
 Operator : HP/JU
 Sample : K4574-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 01:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

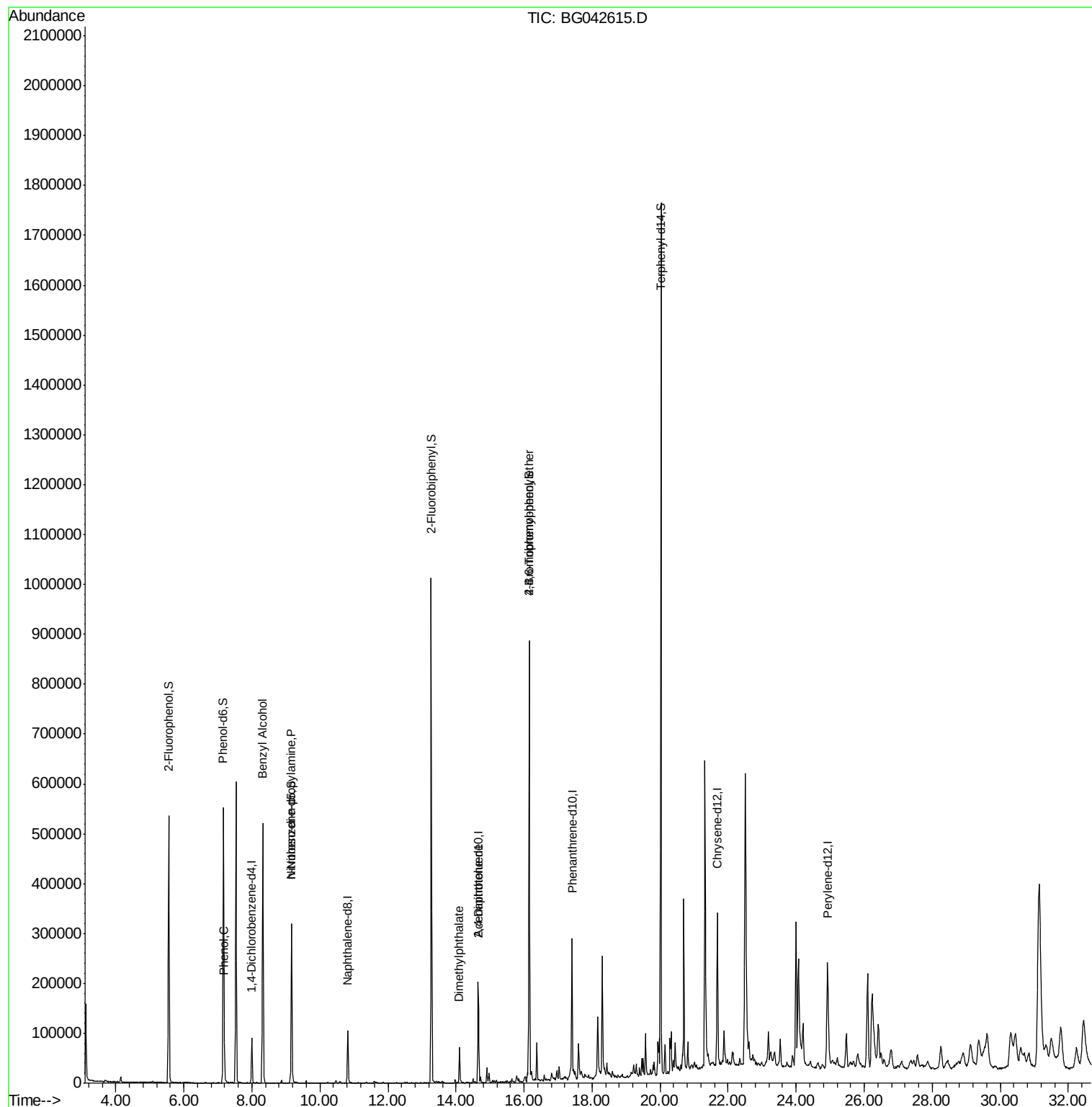
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29295	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	111292	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	83939	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	186602	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	195811	20.00	ng	-0.02
87) Perylene-d12	24.92	264	230199	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	274325	189.65	ng	-0.01
7) Phenol-d6	7.16	99	366315	187.48	ng	-0.01
23) Nitrobenzene-d5	9.16	82	207374	128.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	219259	183.78	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	614087	123.73	ng	0.00
79) Terphenyl-d14	20.02	244	938932	103.67	ng	0.00
Target Compounds						
10) Phenol	7.19	94	28597	14.395	ng	Qvalue 94
15) Benzyl Alcohol	8.32	79	5484	3.901	ng	# 11
19) n-Nitroso-di-n-propylamine	9.16	70	27519	21.740	ng	# 74
50) Dimethylphthalate	14.10	163	60895	10.054	ng	98
57) 2,4-Dinitrotoluene	14.66	165	10809	5.377	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	14326	6.053	ng	# 1

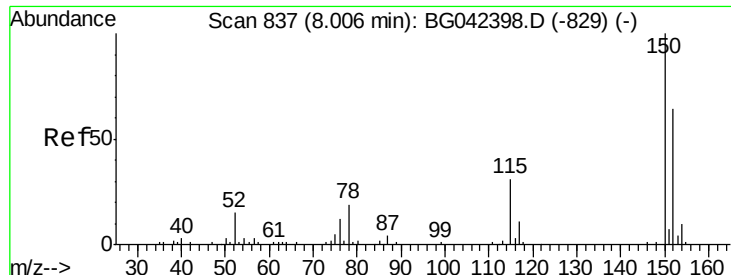
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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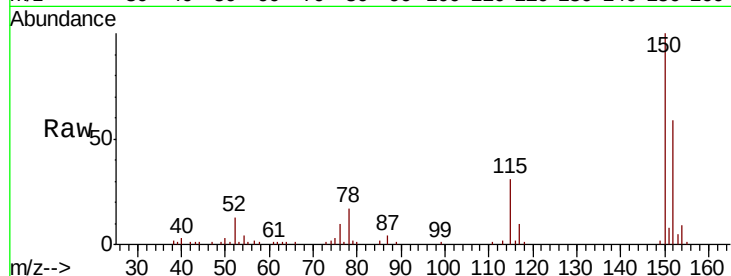


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.7	125.4	188.0
115	52.2	38.5	57.7

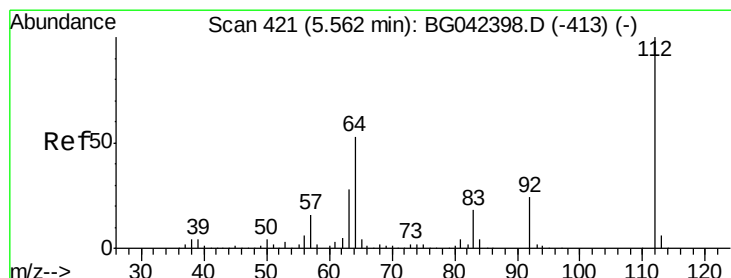
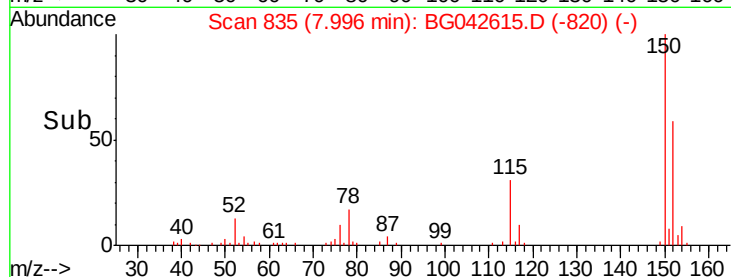
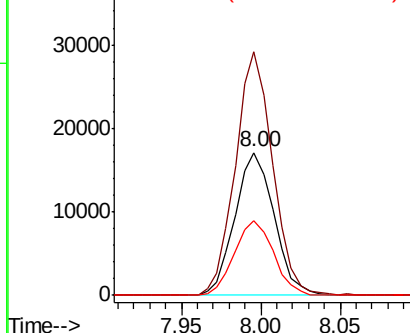


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

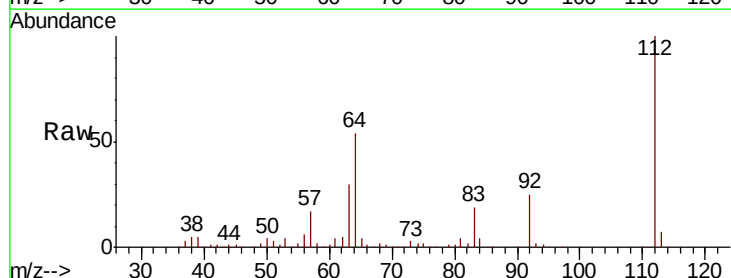
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 189.653 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.8	64.2
63	29.7	22.7	34.1

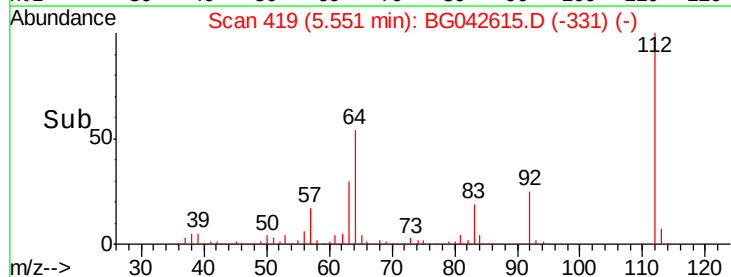
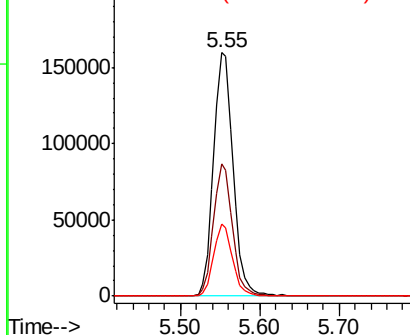


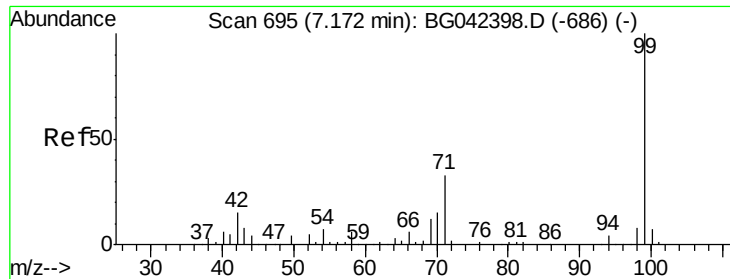
Abundance

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: 187.485 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042615.D

Acq: 31 Aug 2019 00:28

Instrument :

BNA_G

ClientSampled :

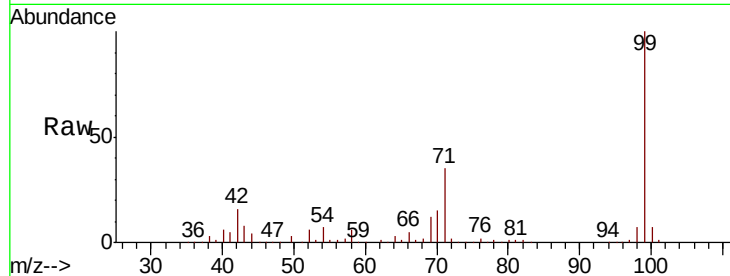
Tot Ion: 99 Resp: 366315

Ion Ratio Lower Upper

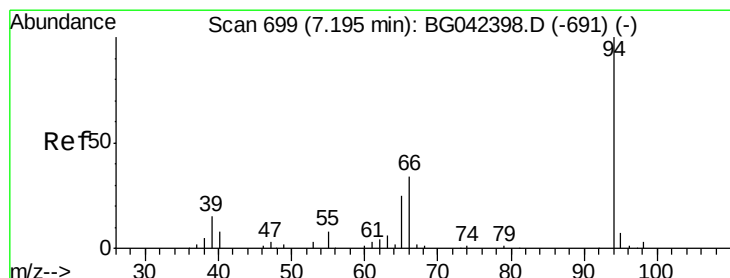
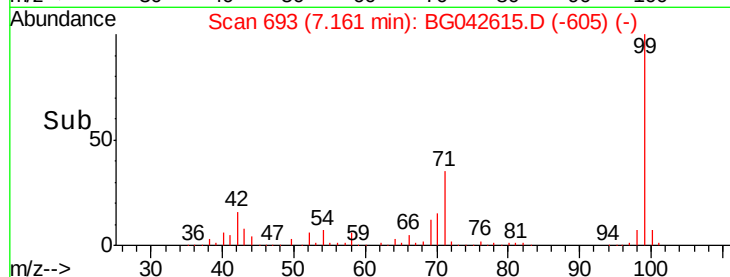
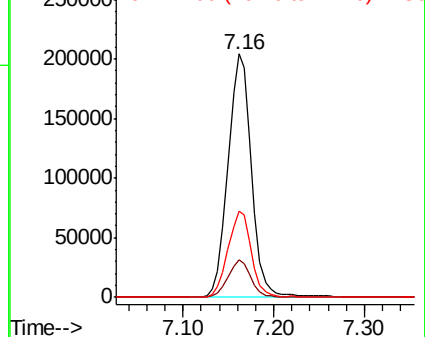
99 100

42 15.5 12.0 18.0

71 35.1 26.3 39.5



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: 14.395 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042615.D

Acq: 31 Aug 2019 00:28

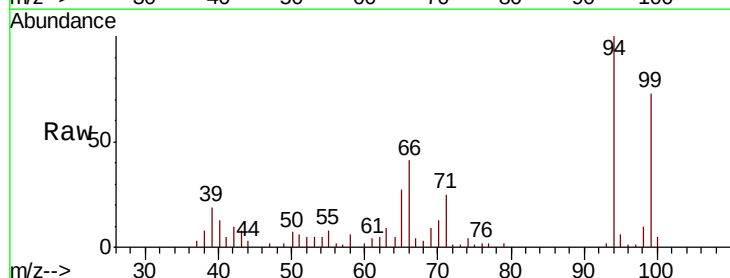
Tgt Ion: 94 Resp: 28597

Ion Ratio Lower Upper

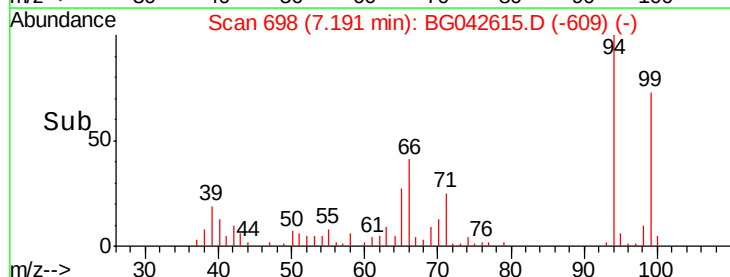
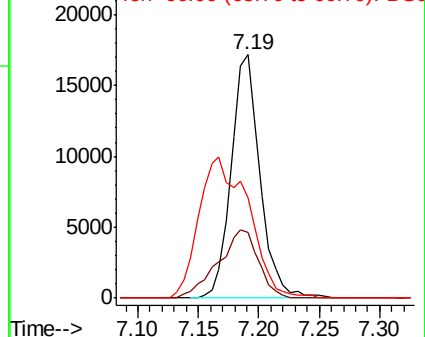
94 100

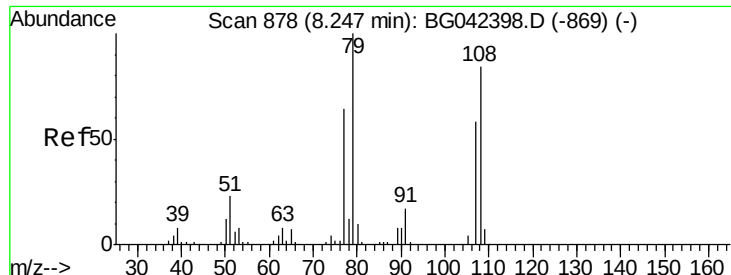
65 26.7 5.6 45.6

66 40.9 16.0 56.0



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





#15

Benzyl Alcohol

Concen: 3.901 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.07 min

Lab File: BG042615.D

Acq: 31 Aug 2019 00:28

Instrument :

BNA_G

ClientSampleId :

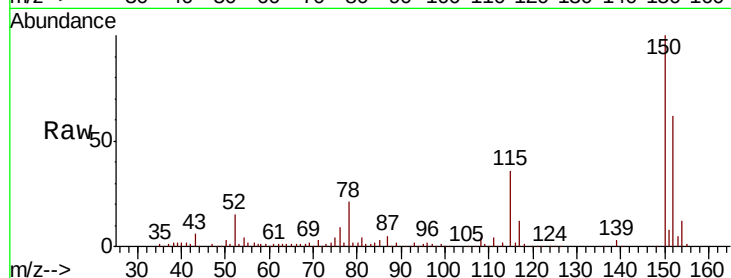
Tot Ion: 79 Resp: 5484

Ion Ratio Lower Upper

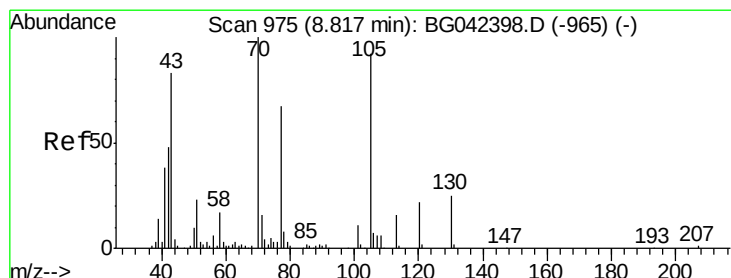
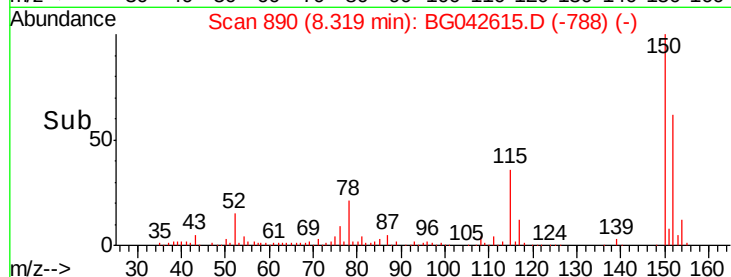
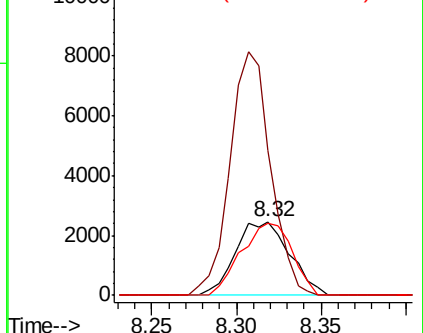
79 100

108 197.1 67.4 101.2#

77 97.2 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 21.740 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042615.D

Acq: 31 Aug 2019 00:28

Tgt Ion: 70 Resp: 27519

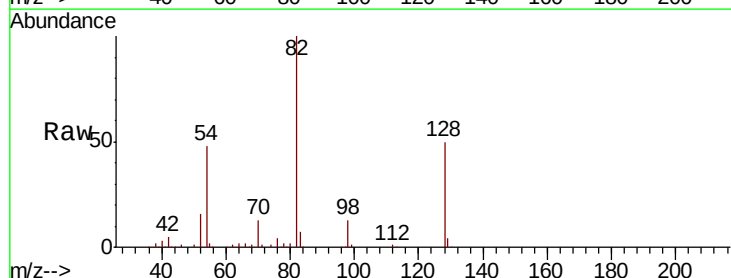
Ion Ratio Lower Upper

70 100

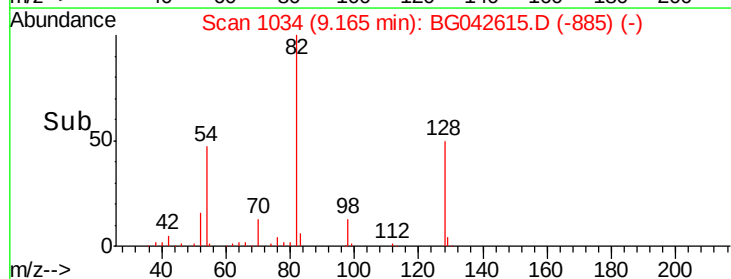
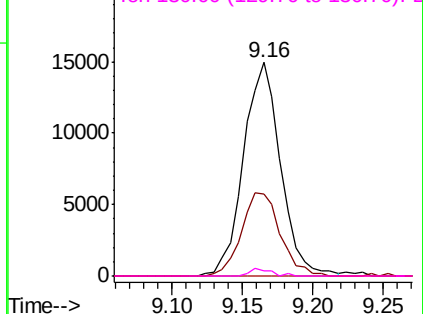
42 38.3 38.8 58.2#

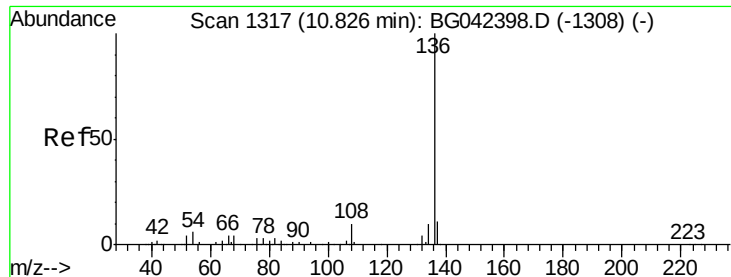
101 0.0 9.0 13.6#

130 2.5 20.0 30.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

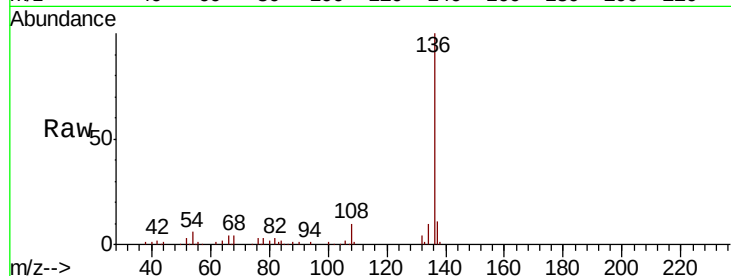




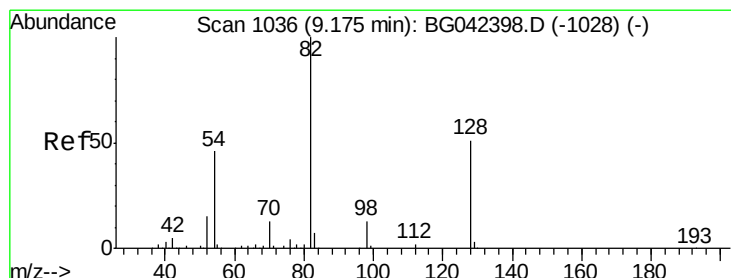
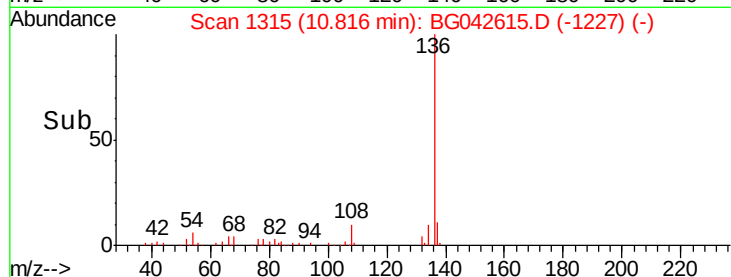
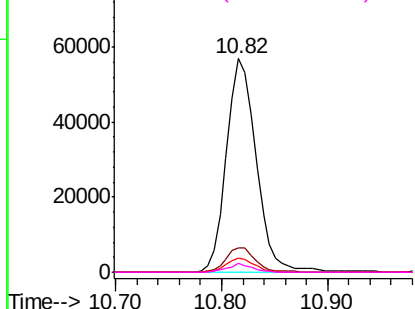
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	111292
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.7	13.1
54 6.3	4.9	7.3
68 3.9	3.6	5.4

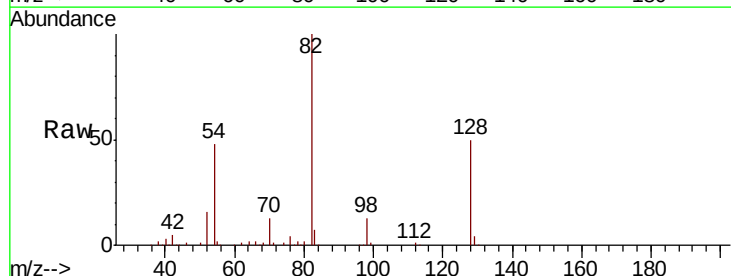


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

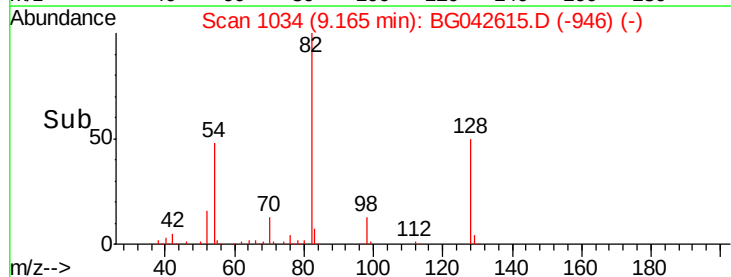
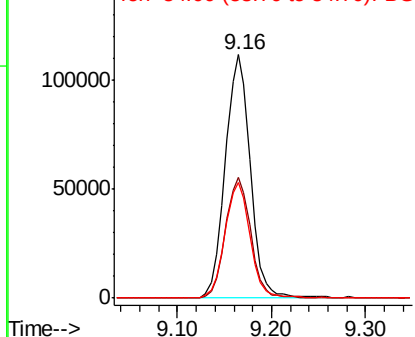


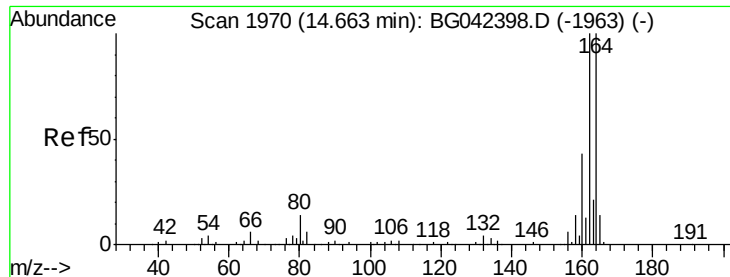
#23
Nitrobenzene-d5
Concen: 128.764 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion: 82	Resp: 207374
Ion Ratio	Lower Upper
82 100	
128 49.8	40.7 61.1
54 47.7	36.3 54.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG042615.D

Acq: 31 Aug 2019 00:28

Instrument :

BNA_G

ClientSampleId :

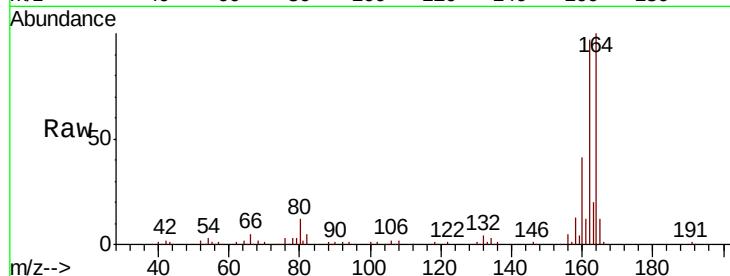
Tot Ion:164 Resp: 83939

Ion Ratio Lower Upper

164 100

162 97.4 79.9 119.9

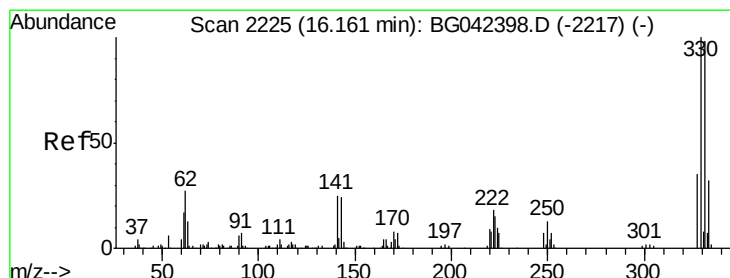
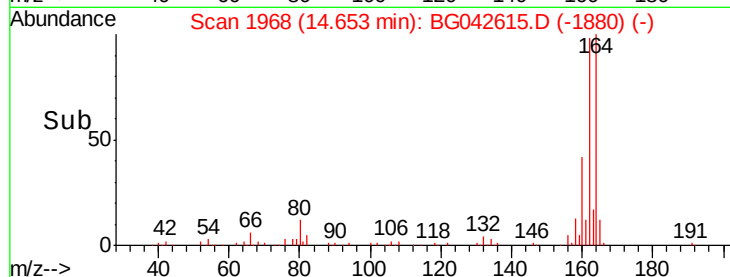
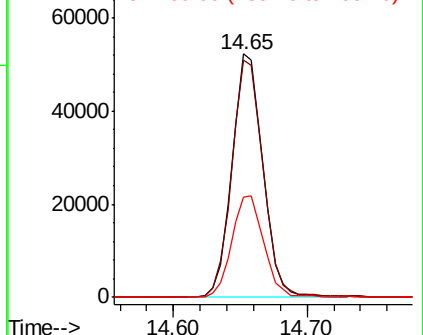
160 41.2 34.3 51.5



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: 183.779 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042615.D

Acq: 31 Aug 2019 00:28

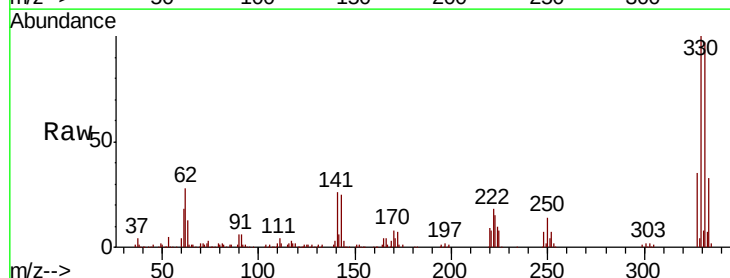
Tgt Ion:330 Resp: 219259

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

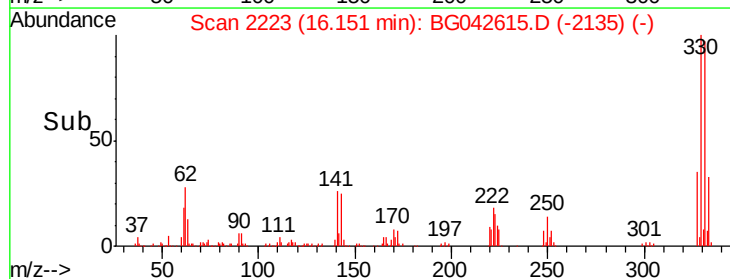
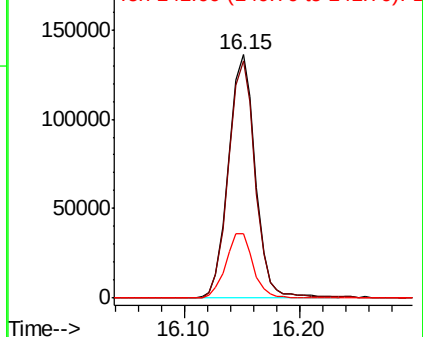
141 26.9 21.4 32.0

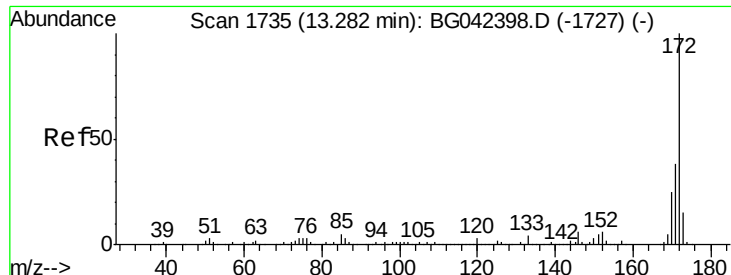


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

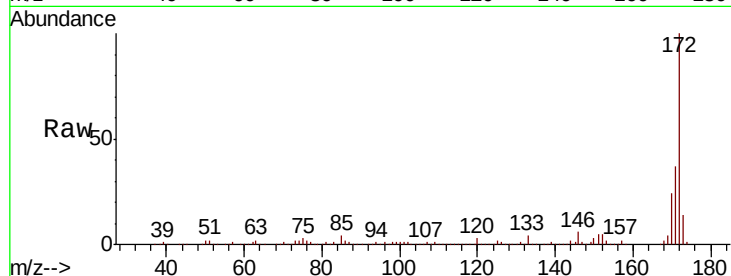




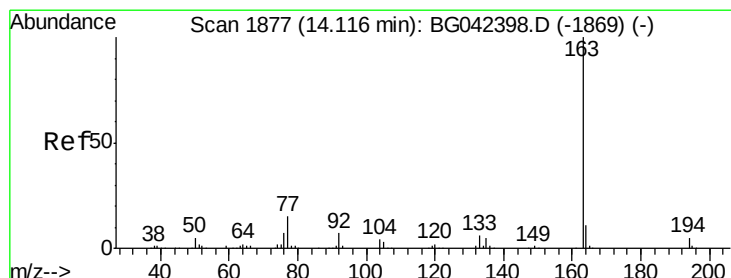
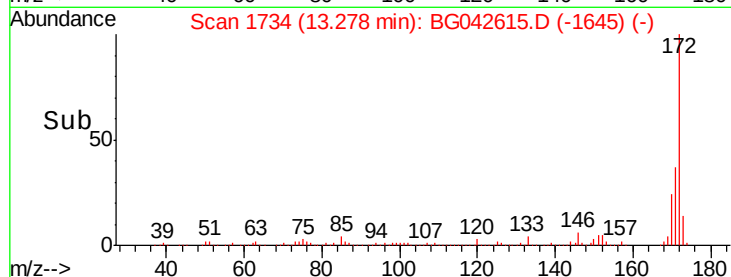
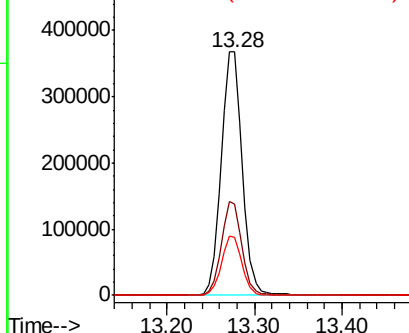
#45
2-Fluorobiphenyl
Concen: 123.732 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	23.8	20.2	30.2

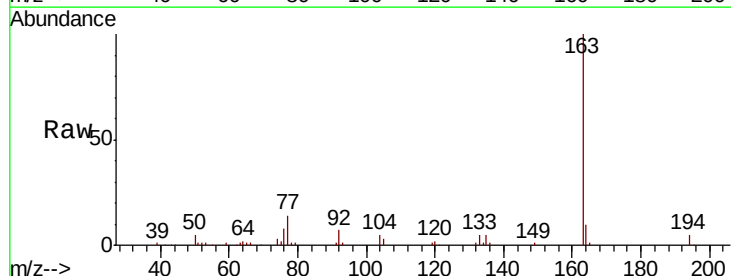


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

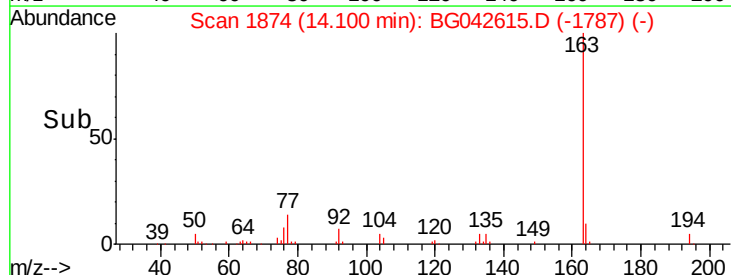
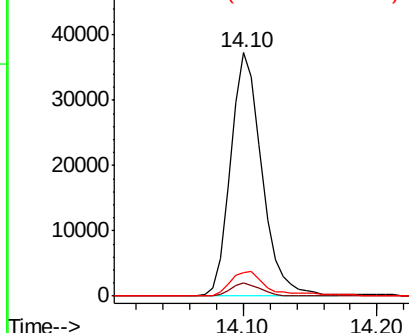


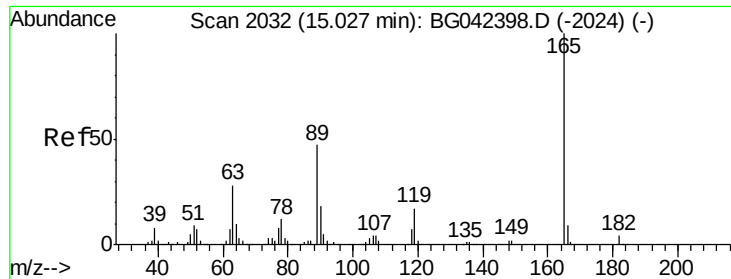
#50
Dimethylphthalate
Concen: 10.054 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	9.7	8.8	13.2



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

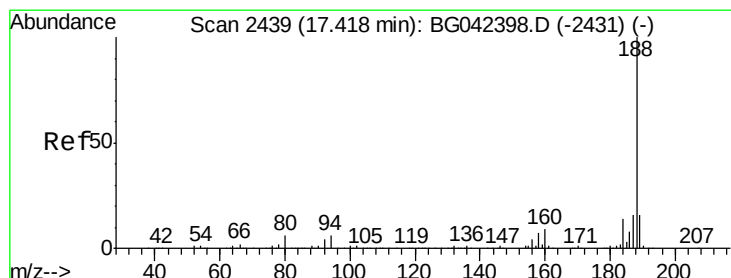
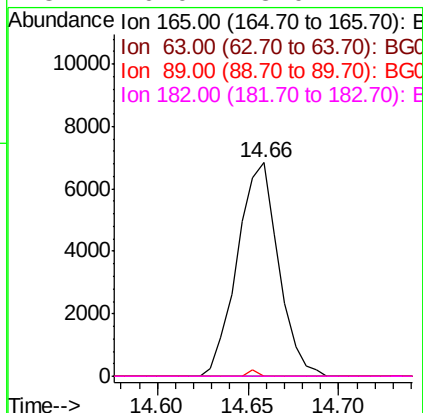
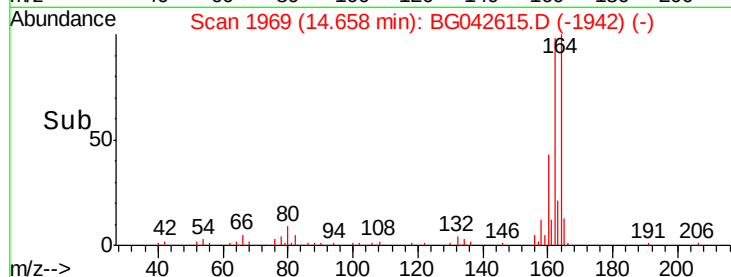
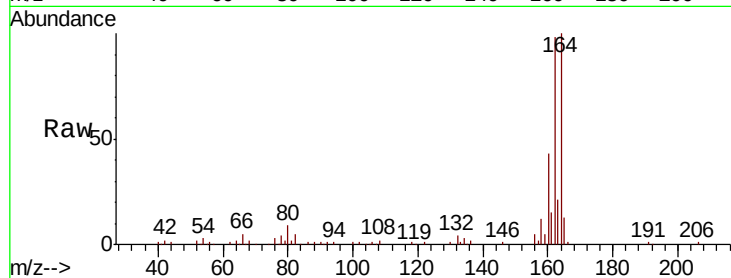




#57
 2,4-Dinitrotoluene
 Concen: 5.377 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042615.D
 Acq: 31 Aug 2019 00:28

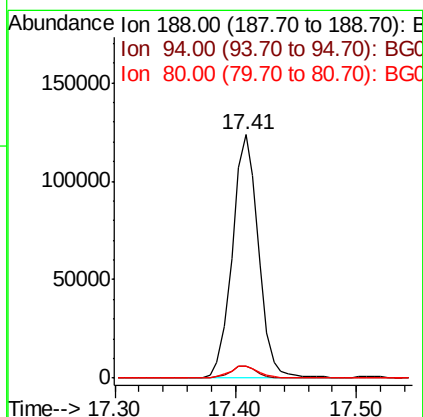
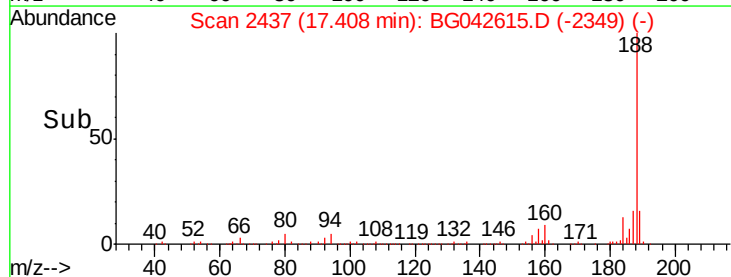
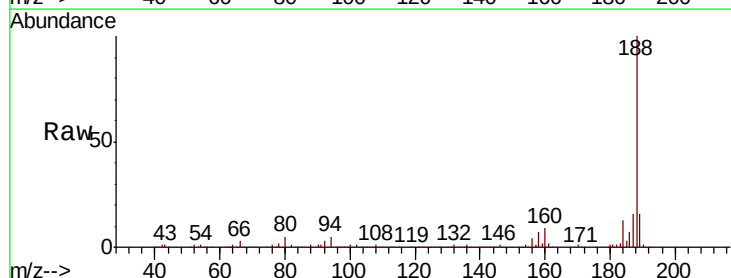
Instrument :
 BNA_G
 ClientSampled :

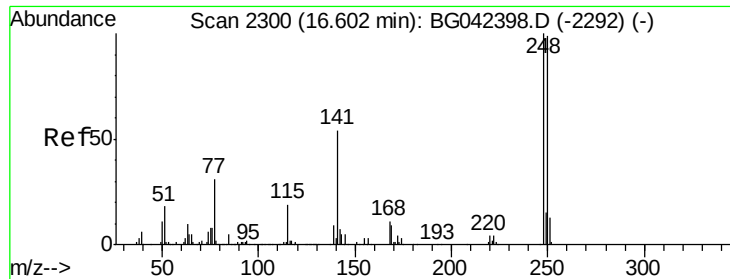
Tot Ion:165 Resp: 10809
 Ion Ratio Lower Upper
 165 100
 63 0.0 22.5 33.7#
 89 0.0 37.8 56.6#
 182 0.0 3.0 4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042615.D
 Acq: 31 Aug 2019 00:28

Tgt Ion:188 Resp: 186602
 Ion Ratio Lower Upper
 188 100
 94 4.7 4.5 6.7
 80 5.0 4.9 7.3

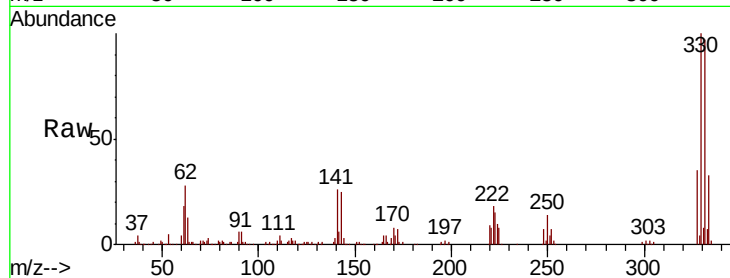




#67
 4-Bromophenyl-phenylether
 Concen: 6.053 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042615.D
 Acq: 31 Aug 2019 00:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	206.4	78.9	118.3#
141	389.3	43.3	64.9#

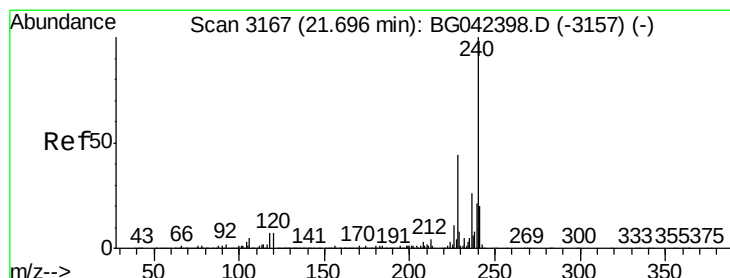
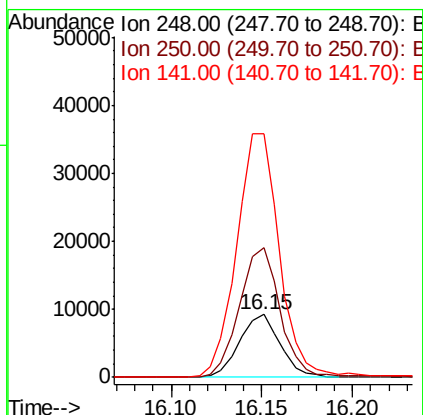
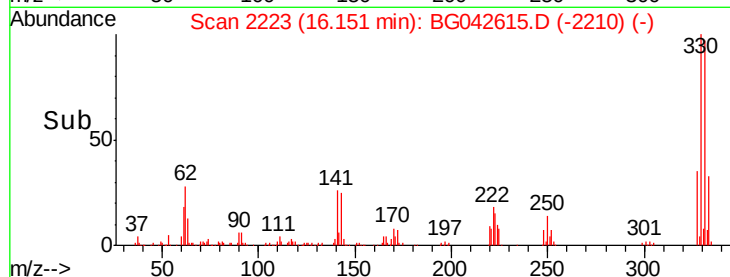


Abundance

Ion 248.00 (247.70 to 248.70): E

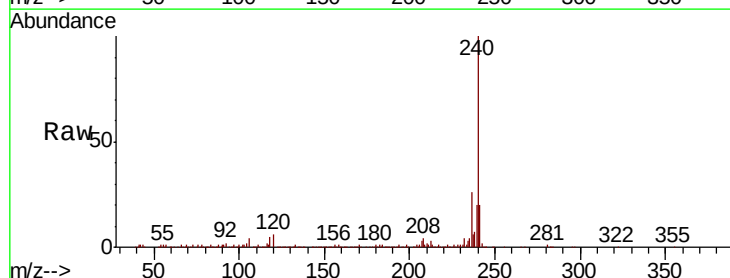
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG042615.D
 Acq: 31 Aug 2019 00:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	25.6	21.0	31.4

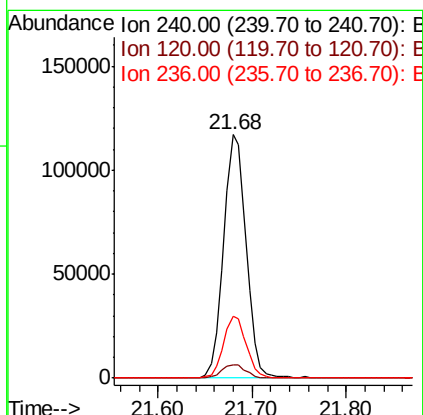
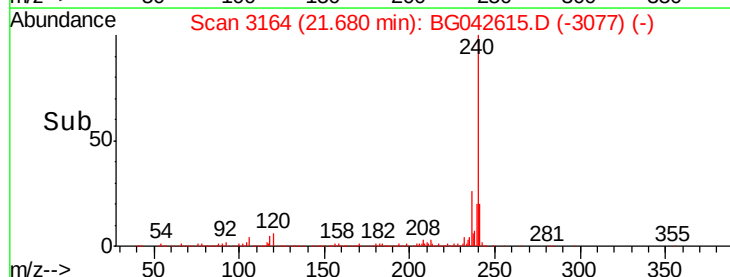


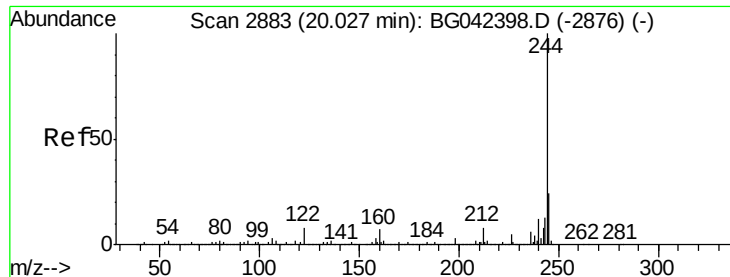
Abundance

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: 103.666 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042615.D

Acq: 31 Aug 2019 00:28

Instrument :

BNA_G

ClientSampleId :

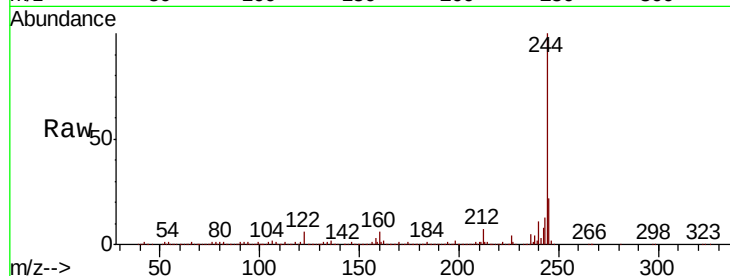
Tot Ion:244 Resp: 938932

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

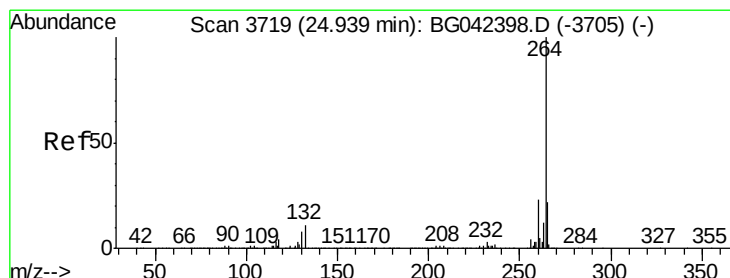
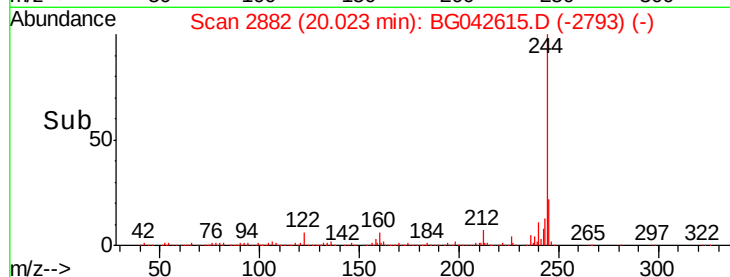
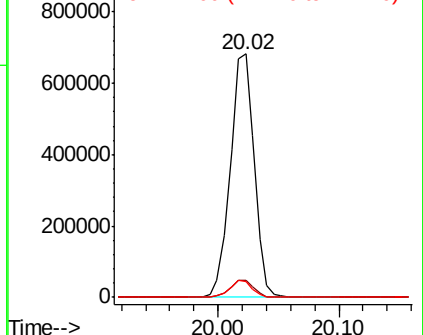
122 6.3 6.7 10.1#



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042615.D

Acq: 31 Aug 2019 00:28

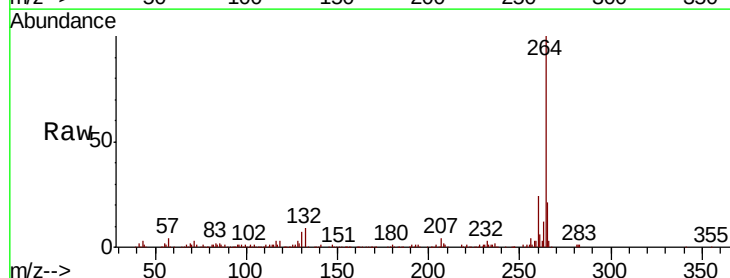
Tgt Ion:264 Resp: 230199

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 20.7 17.6 26.4



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

