

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042559.D
 Acq On : 29 Aug 2019 11:06
 Operator : HP/JU
 Sample : PB122640BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 12:17:18 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

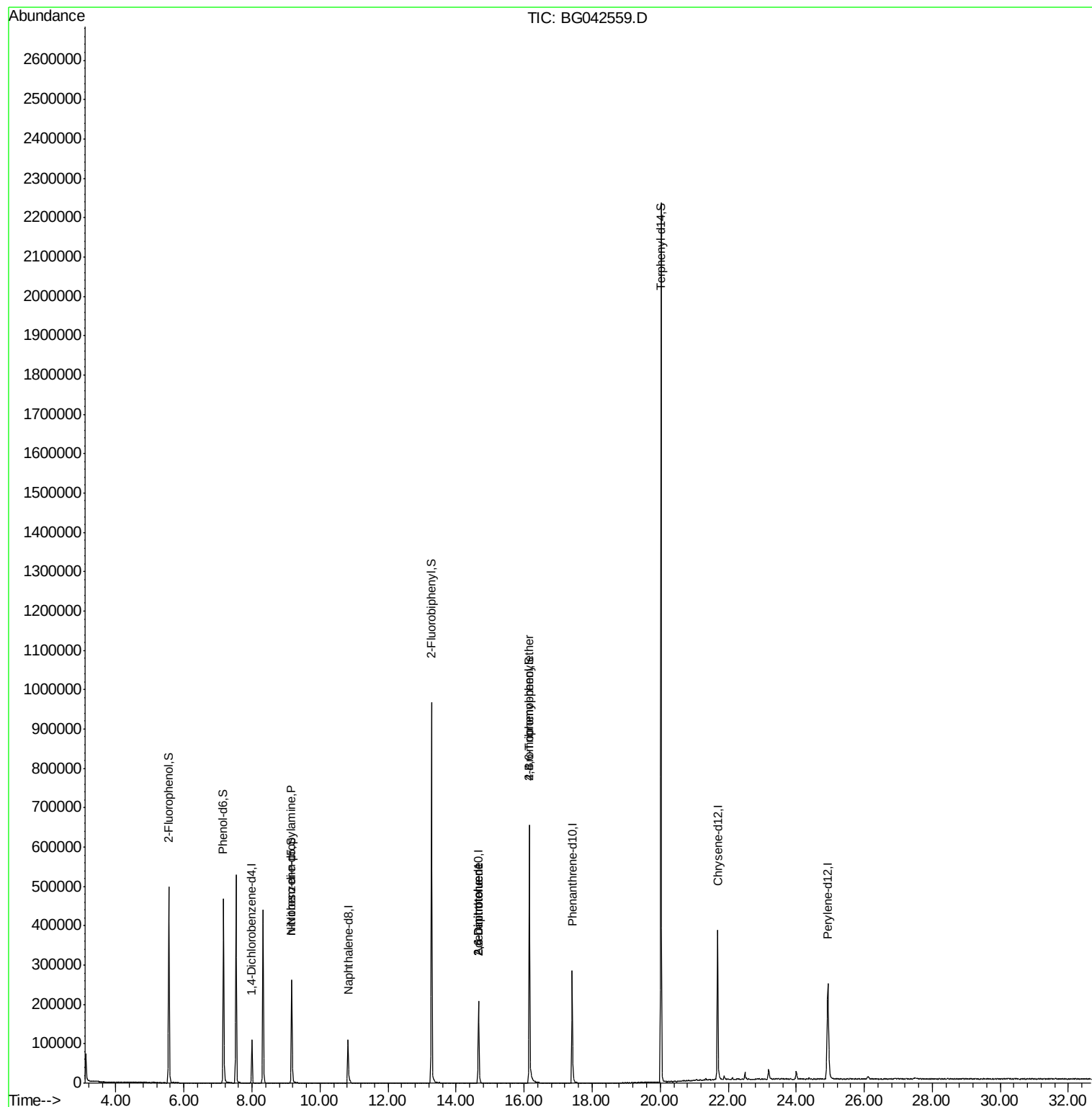
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36365	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	136257	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99992	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	234117	20.00	ng	0.00
76) Chrysene-d12	21.69	240	277316	20.00	ng	0.00
87) Perylene-d12	24.93	264	321894	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	253125	140.97	ng	0.00
7) Phenol-d6	7.16	99	322396	132.93	ng	-0.01
23) Nitrobenzene-d5	9.16	82	181450	92.02	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	190424	133.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	604950	102.32	ng	0.00
79) Terphenyl-d14	20.02	244	1216922	94.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	23657	15.056	ng	# 75
51) 2,6-Dinitrotoluene	14.66	165	12528	7.491	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	12528	5.231	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13015	4.383	ng	# 1

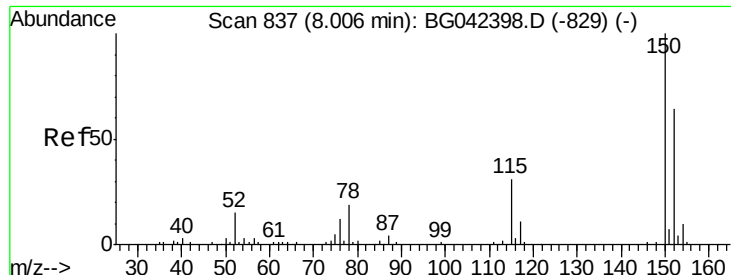
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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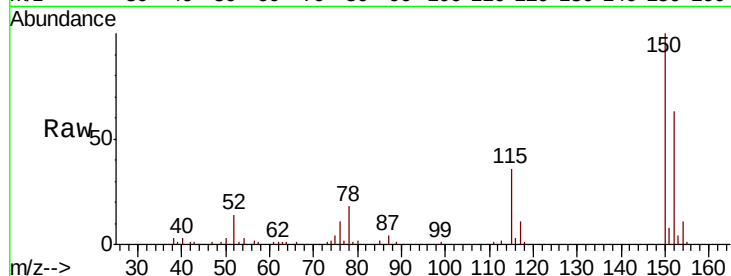


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042559.D
Acq: 29 Aug 2019 11:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.4	188.0
115	56.6	38.5	57.7

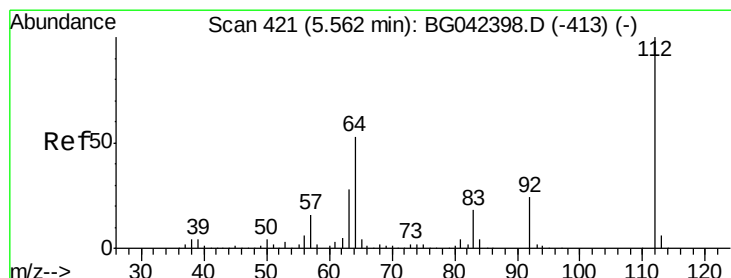
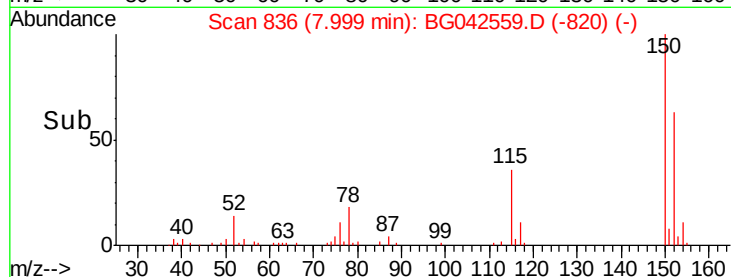
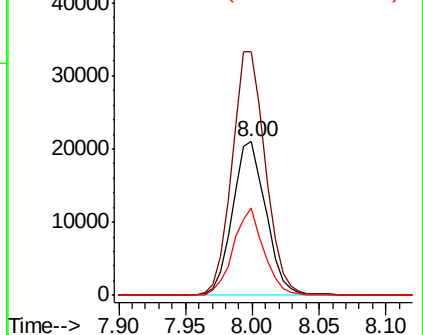


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

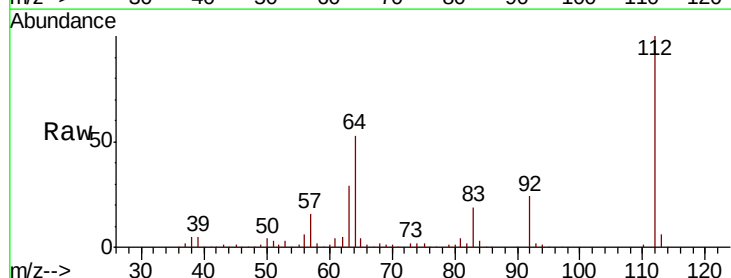
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.974 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042559.D
Acq: 29 Aug 2019 11:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.8	64.2
63	29.0	22.7	34.1

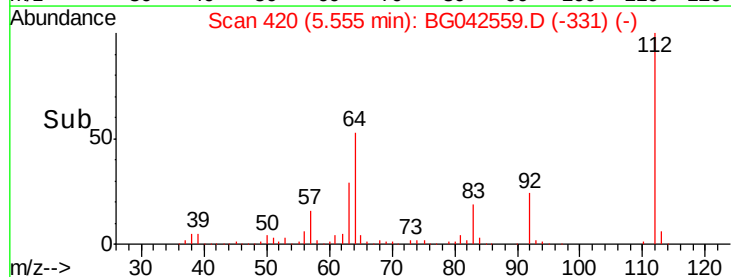
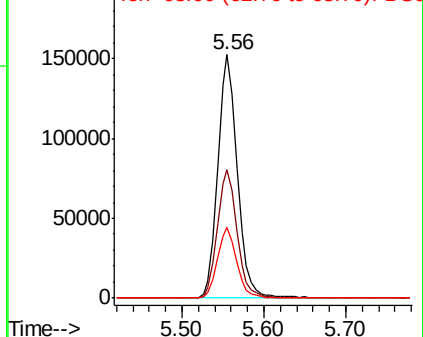


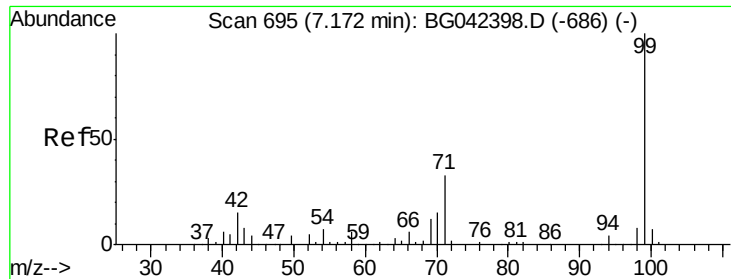
Abundance

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: 132.926 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Instrument :

BNA_G

ClientSampleId :

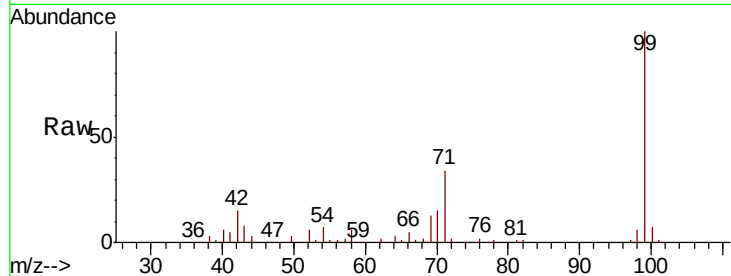
Tot Ion: 99 Resp: 322396

Ion Ratio Lower Upper

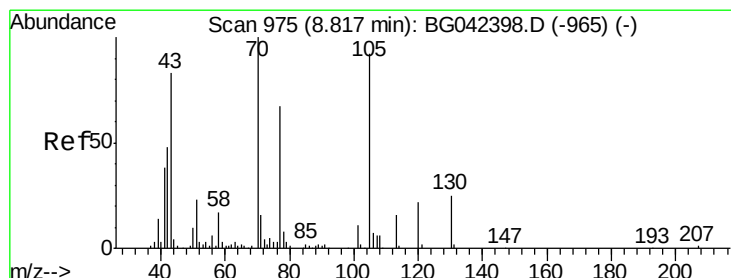
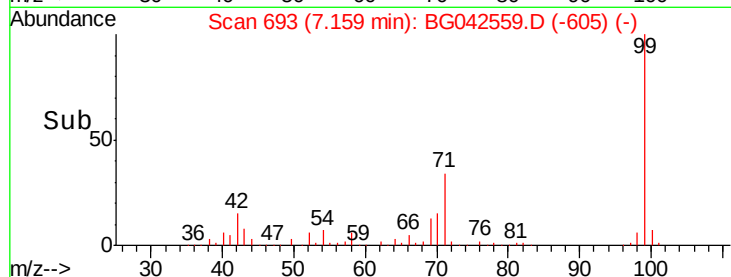
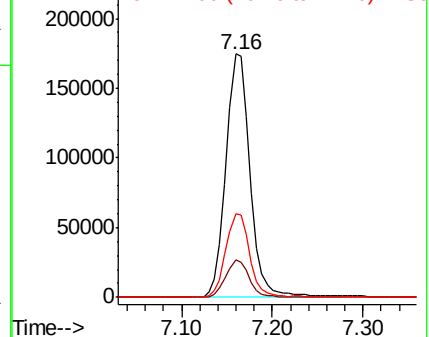
99 100

42 15.3 12.0 18.0

71 34.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.056 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Tgt Ion: 70 Resp: 23657

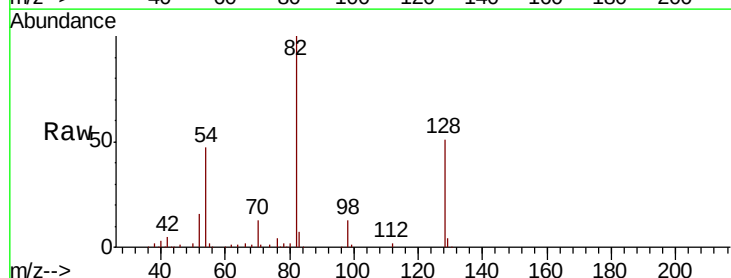
Ion Ratio Lower Upper

70 100

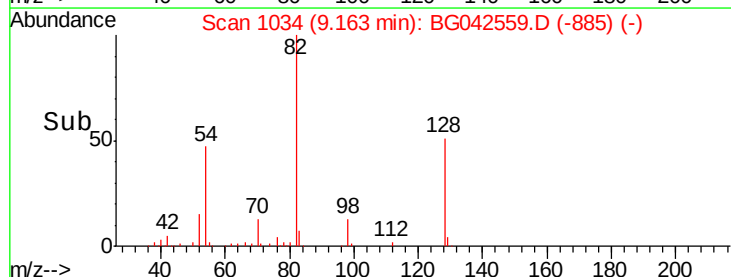
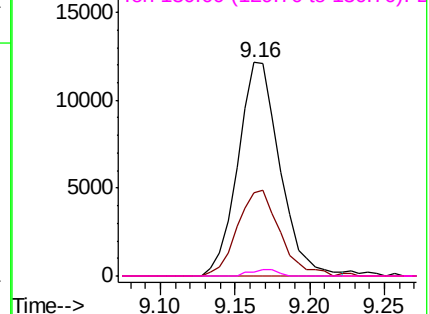
42 39.1 38.8 58.2

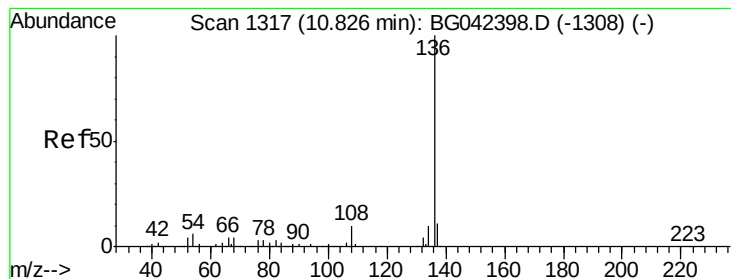
101 0.0 9.0 13.6#

130 2.0 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# 1316

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 136257

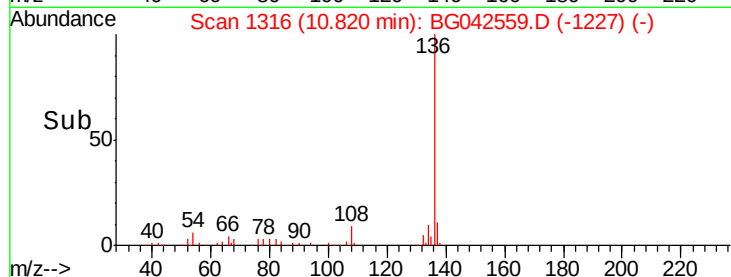
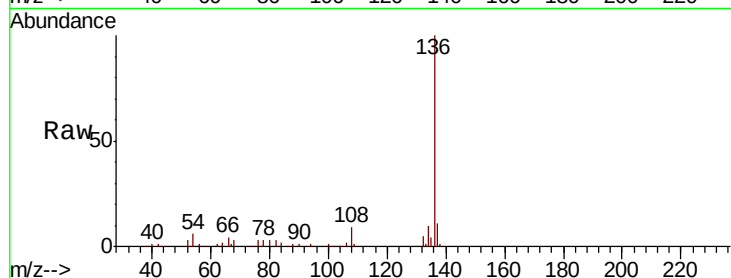
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.3 4.9 7.3

68 3.4 3.6 5.4#

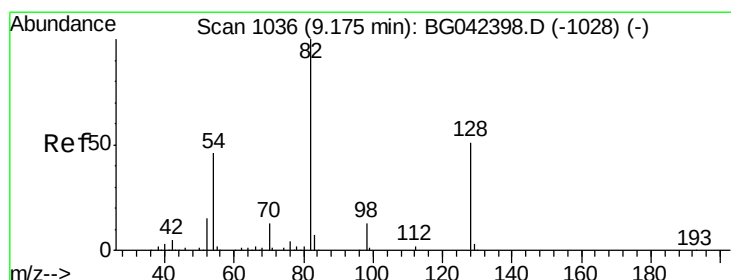
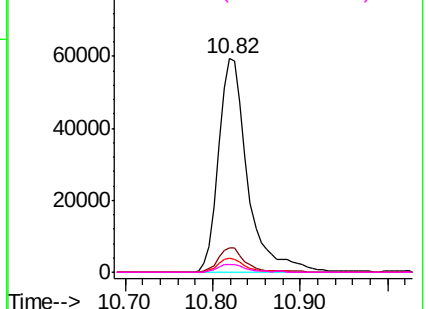


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 92.024 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

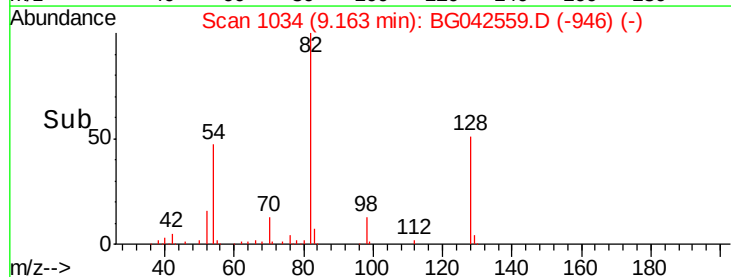
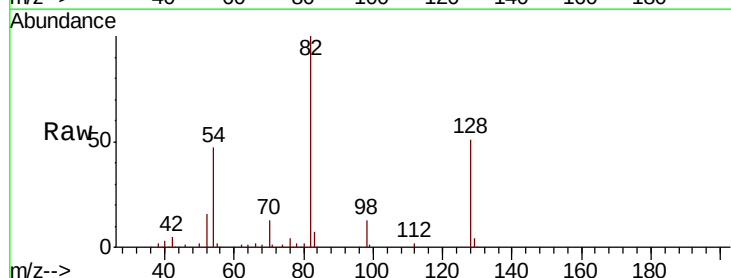
Tgt Ion: 82 Resp: 181450

Ion Ratio Lower Upper

82 100

128 50.6 40.7 61.1

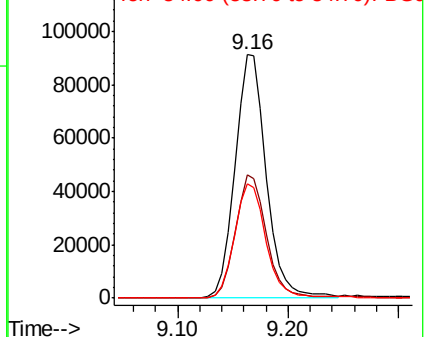
54 47.2 36.3 54.5

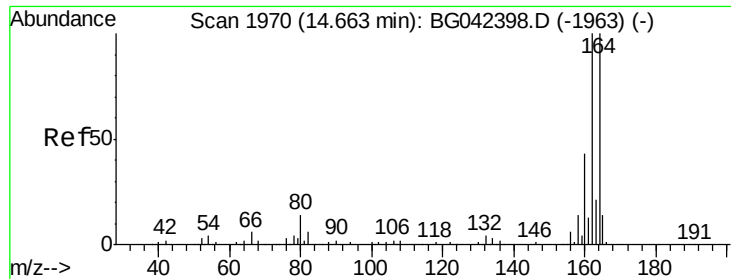


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

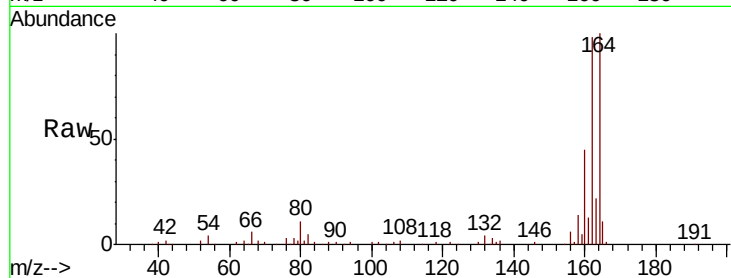




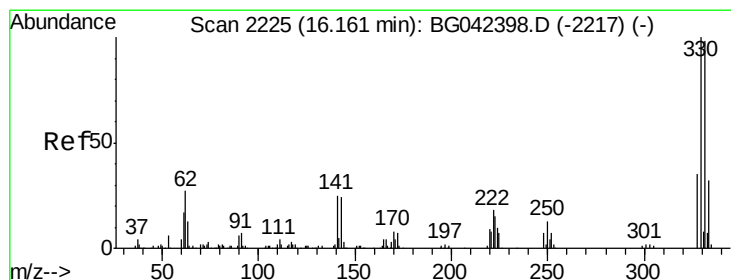
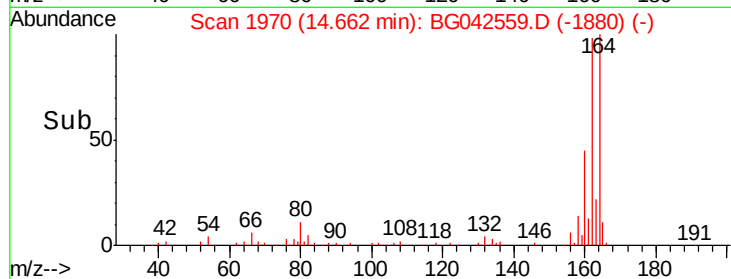
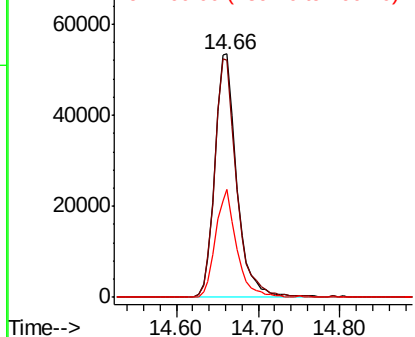
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042559.D
Acq: 29 Aug 2019 11:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 99992
Ion Ratio Lower Upper
164 100
162 97.5 79.9 119.9
160 44.5 34.3 51.5

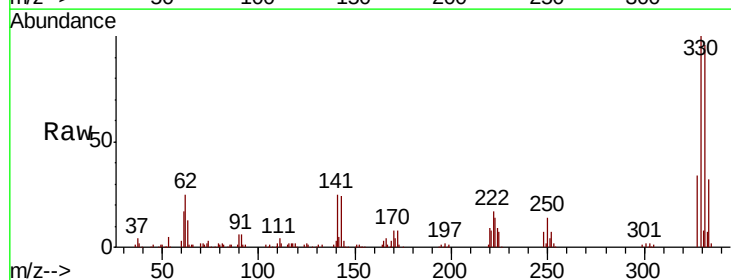


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

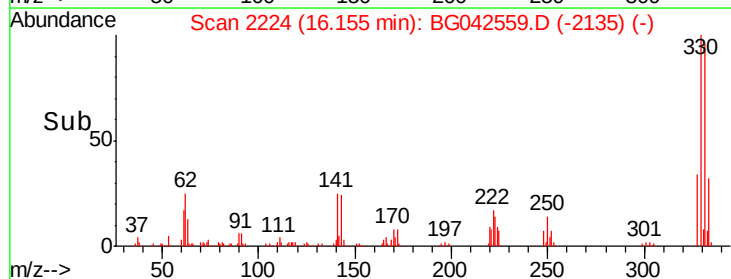
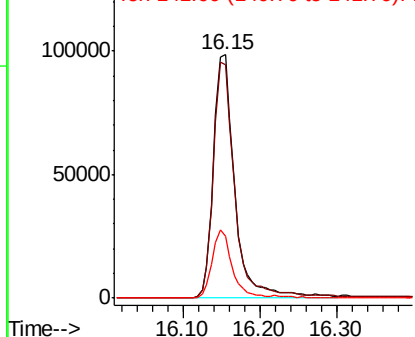


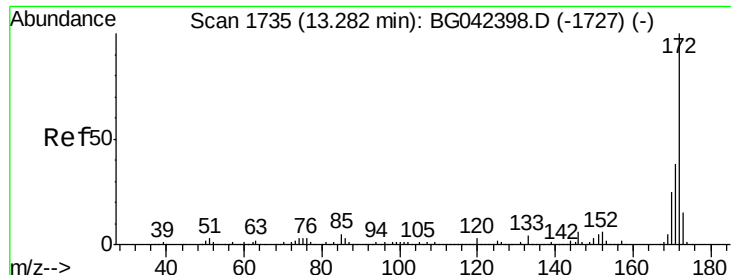
#42
2,4,6-Tribromophenol
Concen: 133.986 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042559.D
Acq: 29 Aug 2019 11:06

Tgt Ion:330 Resp: 190424
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.0
141 26.6 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

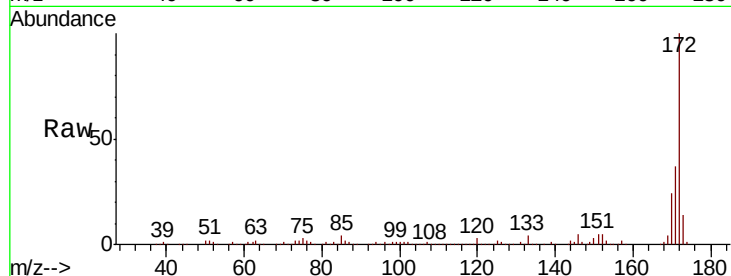




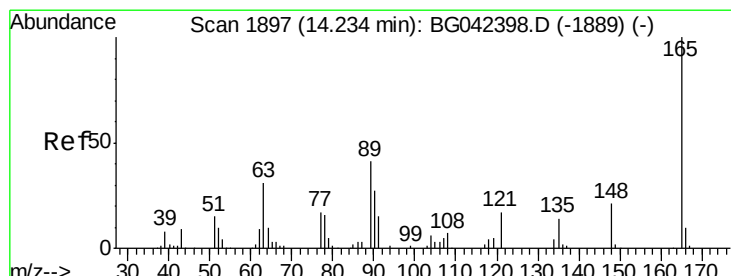
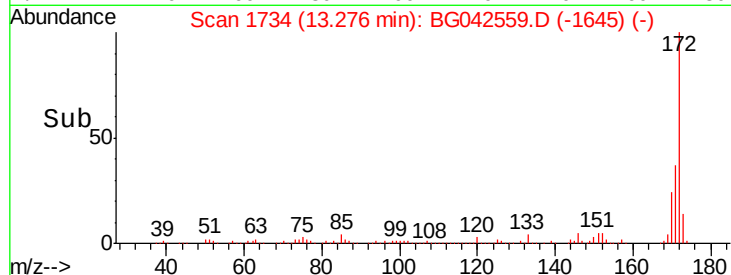
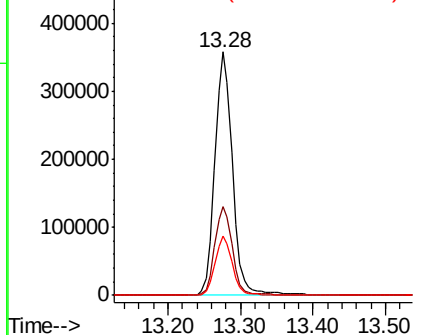
#45
 2-Fluorobiphenyl
 Concen: 102.322 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042559.D
 Acq: 29 Aug 2019 11:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.5	20.2	30.2

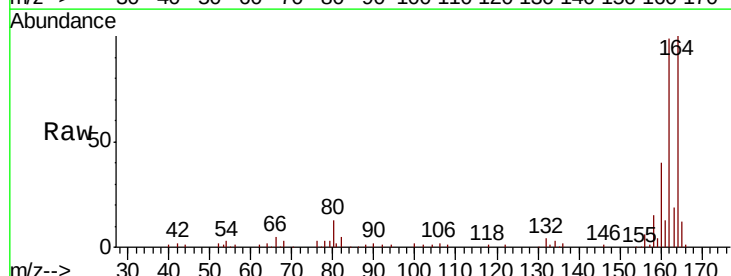


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

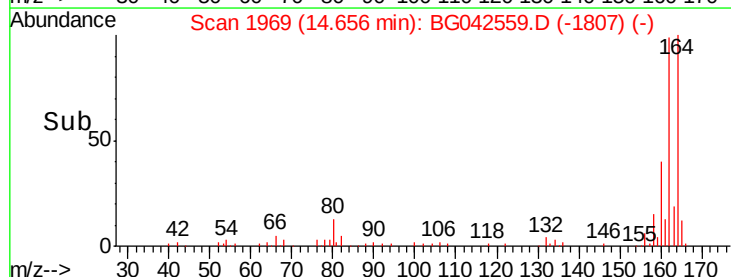
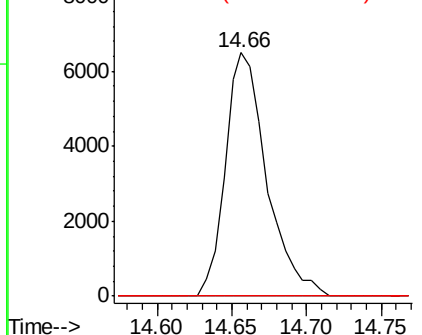


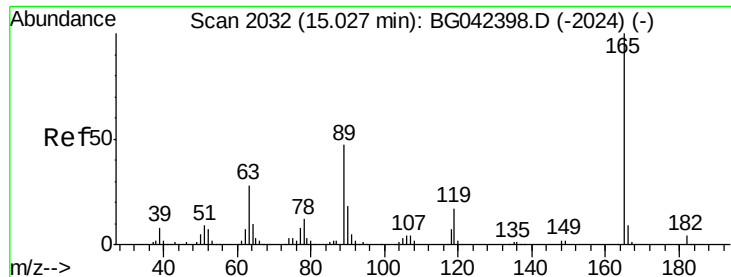
#51
 2,6-Dinitrotoluene
 Concen: 7.491 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042559.D
 Acq: 29 Aug 2019 11:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

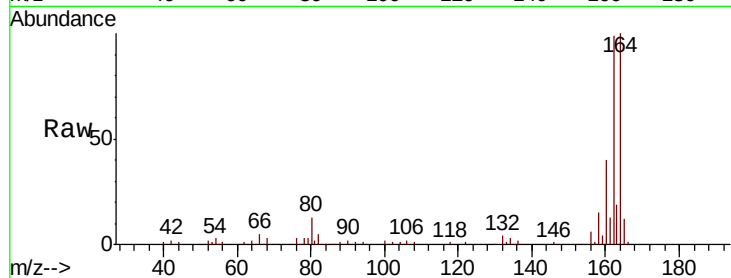




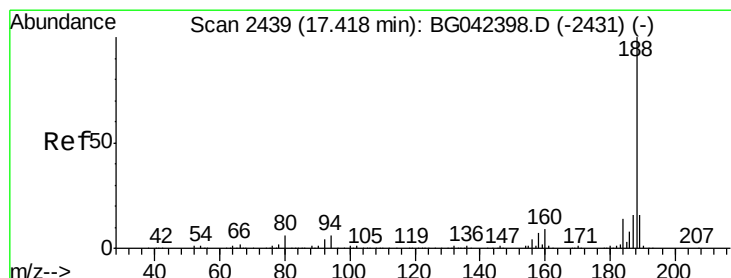
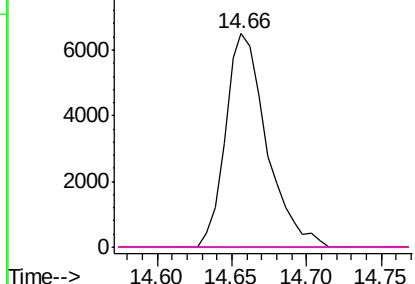
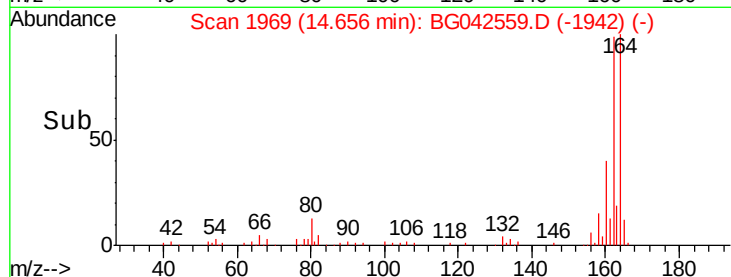
#57
 2,4-Dinitrotoluene
 Concen: 5.231 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042559.D
 Acq: 29 Aug 2019 11:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	12528
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#

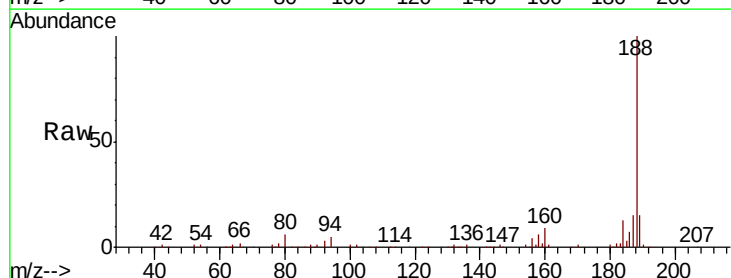


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

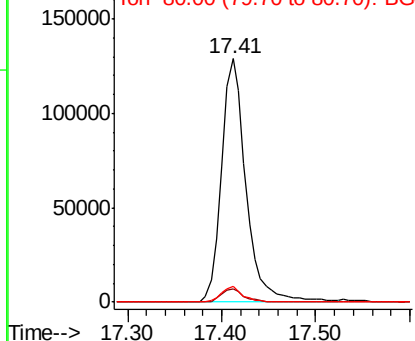
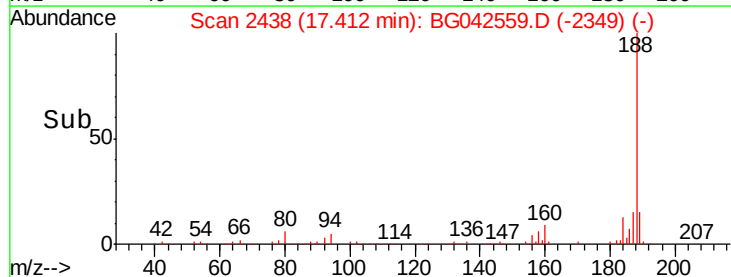


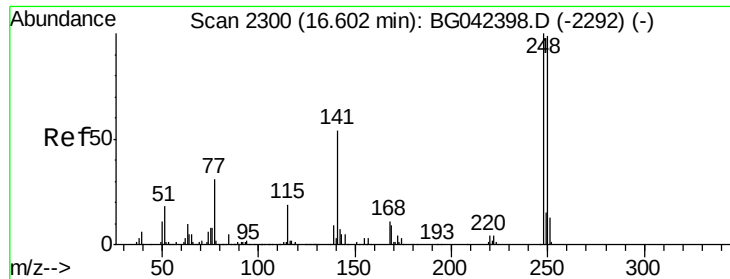
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042559.D
 Acq: 29 Aug 2019 11:06

Tgt Ion:188	Resp:	234117
Ion Ratio	Lower	Upper
188	100	
94	5.2	4.5 6.7
80	6.3	4.9 7.3



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

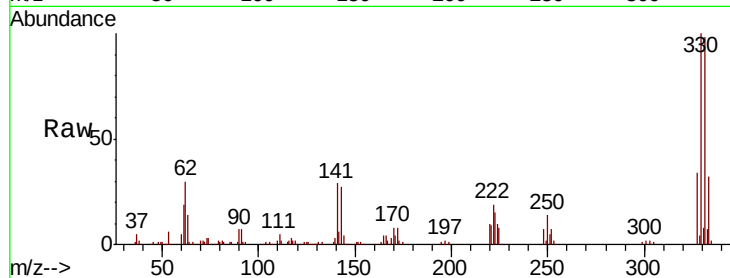




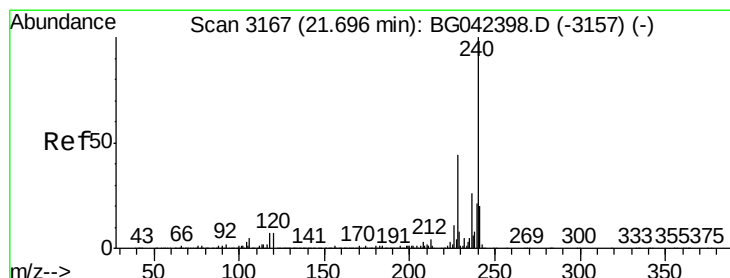
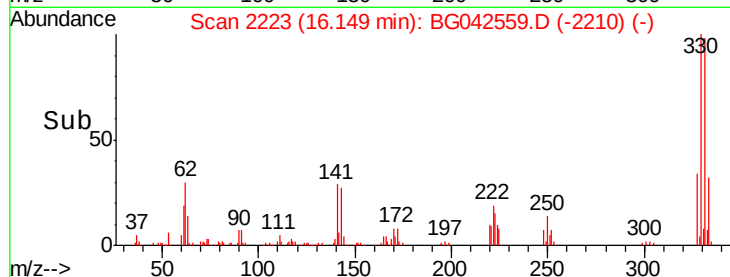
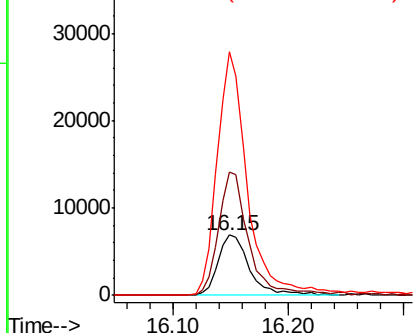
#67
 4-Bromophenyl-phenylether
 Concen: 4.383 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042559.D
 Acq: 29 Aug 2019 11:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	204.9	78.9	118.3#
141	404.8	43.3	64.9#

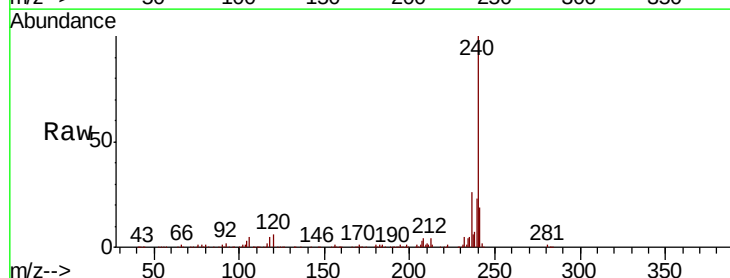


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

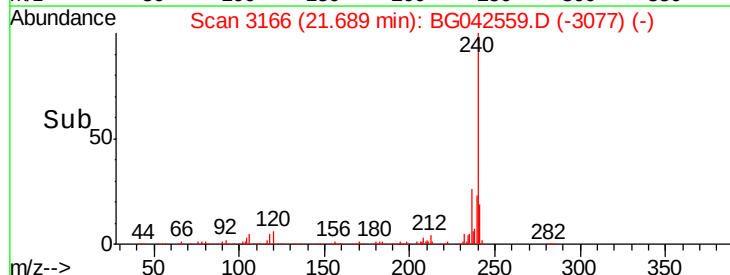
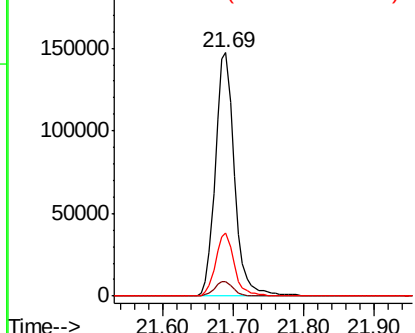


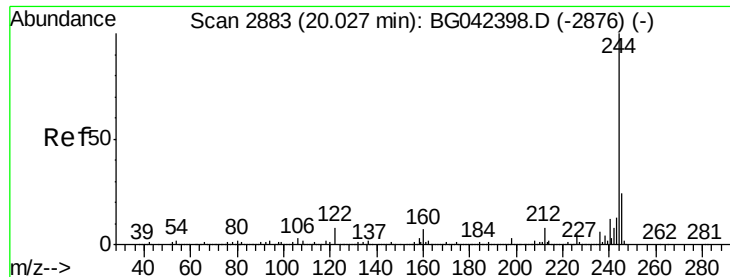
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042559.D
 Acq: 29 Aug 2019 11:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	25.7	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

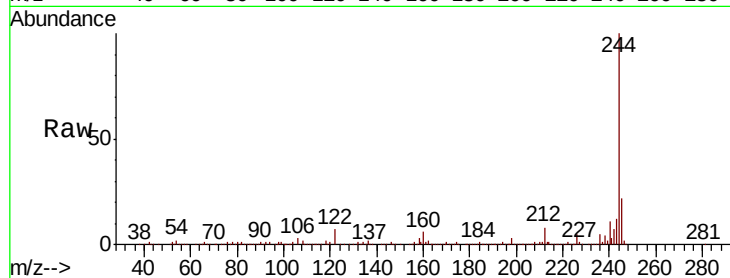




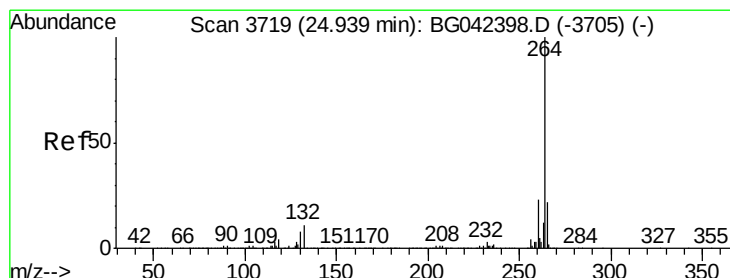
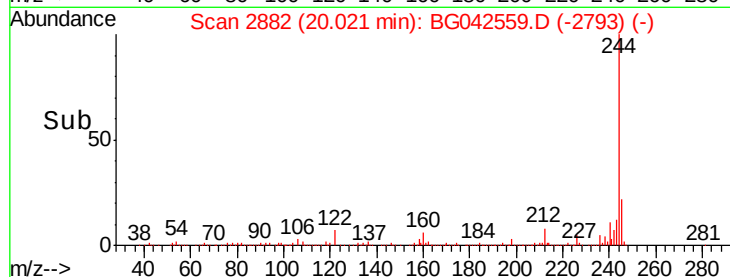
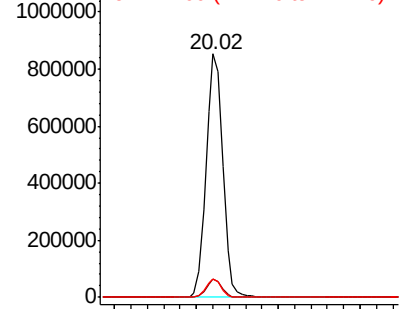
#79
 Terphenyl-d14
 Concen: 94.870 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042559.D
 Acq: 29 Aug 2019 11:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1216922
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 7.4 6.7 10.1

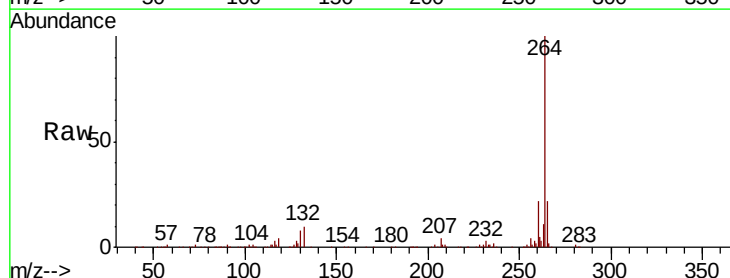


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042559.D
 Acq: 29 Aug 2019 11:06

Tgt Ion:264 Resp: 321894
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 22.1 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

