

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042558.D
 Acq On : 29 Aug 2019 10:28
 Operator : HP/JU
 Sample : PB122614BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 12:16:58 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

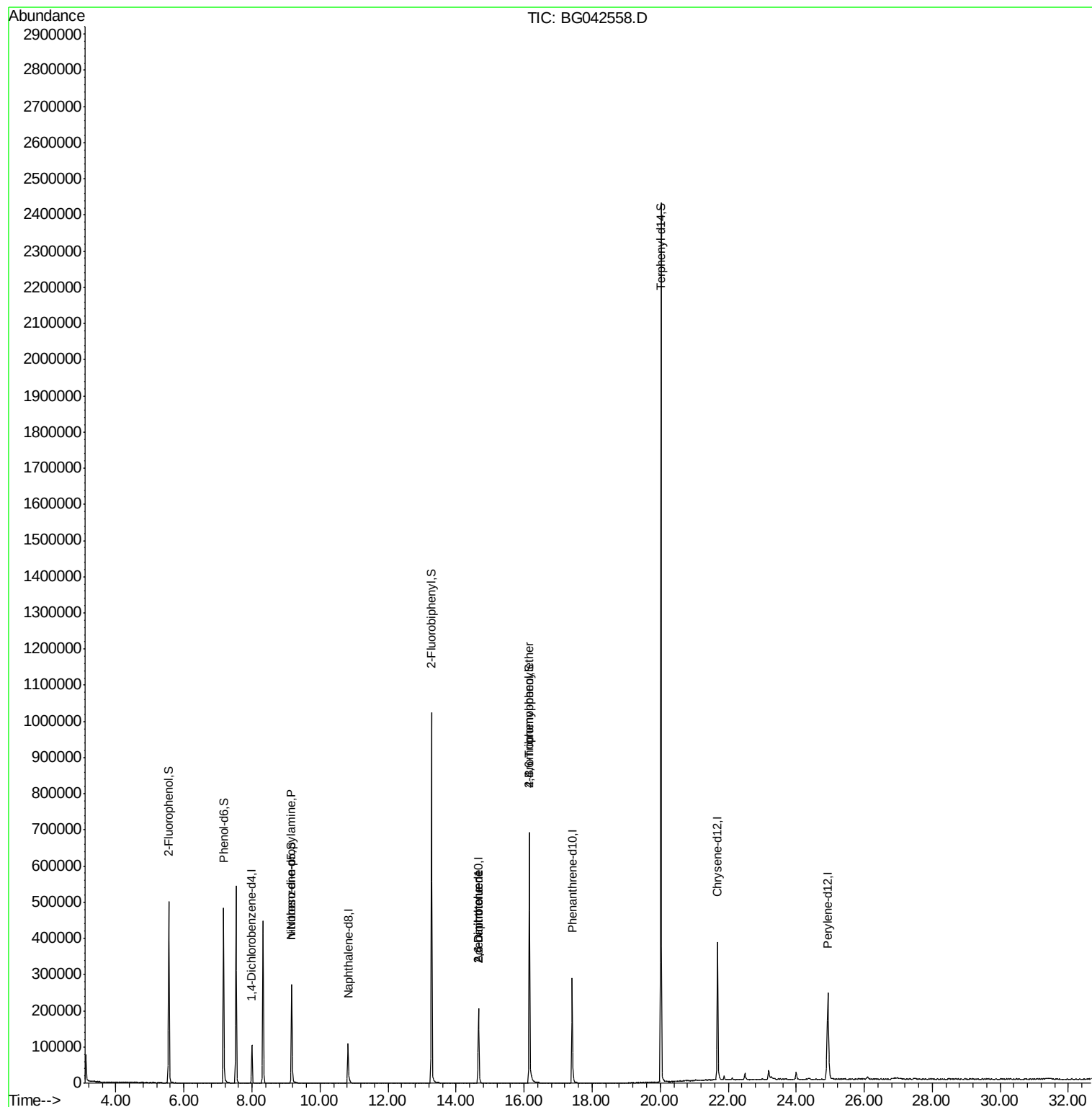
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35453	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130425	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95027	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	232434	20.00	ng	0.00
76) Chrysene-d12	21.68	240	272356	20.00	ng	-0.01
87) Perylene-d12	24.93	264	311623	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	257372	147.03	ng	0.00
7) Phenol-d6	7.16	99	335296	141.80	ng	-0.01
23) Nitrobenzene-d5	9.16	82	189662	100.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	203140	150.40	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	623985	111.06	ng	0.00
79) Terphenyl-d14	20.02	244	1309254	103.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	24310	15.869	ng	# 73
51) 2,6-Dinitrotoluene	14.66	165	12438	7.826	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	12438	5.465	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13197	4.476	ng	# 1

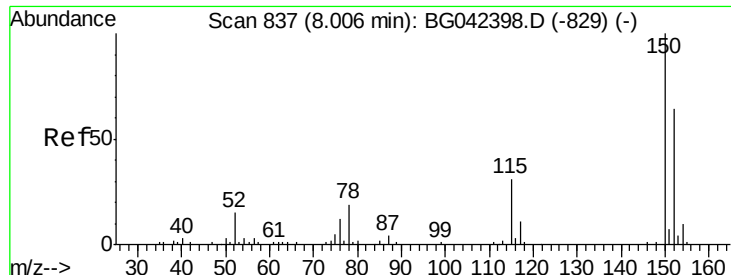
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042558.D
Acq On : 29 Aug 2019 10:28
Operator : HP/JU
Sample : PB122614BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 29 12:16:58 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



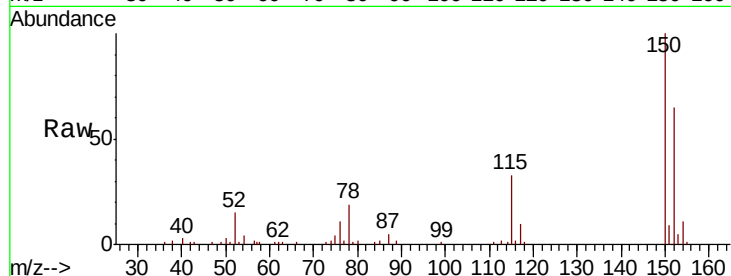


#1

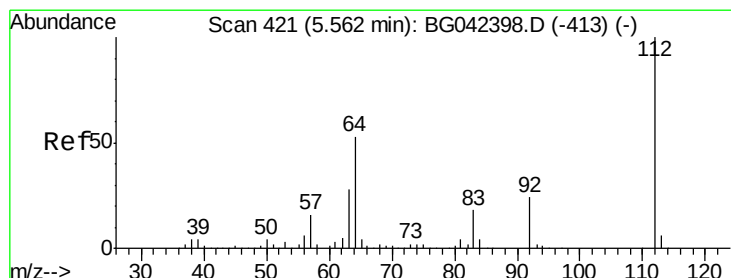
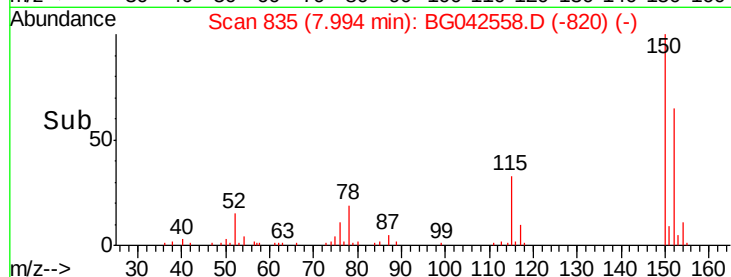
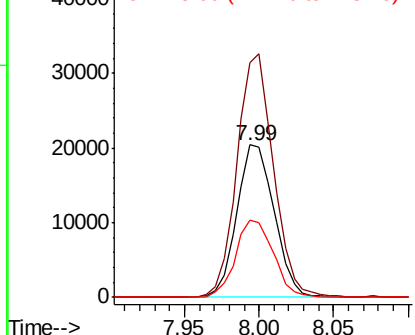
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042558.D
Acq: 29 Aug 2019 10:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35453
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.0
115 50.3 38.5 57.7



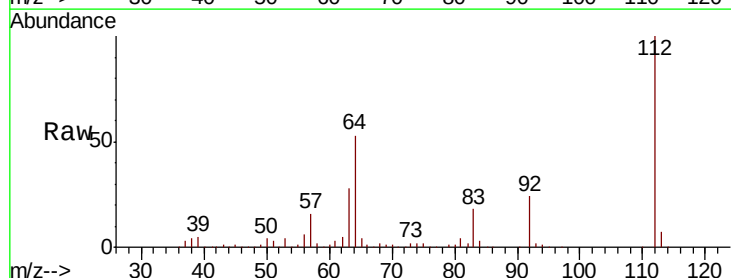
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



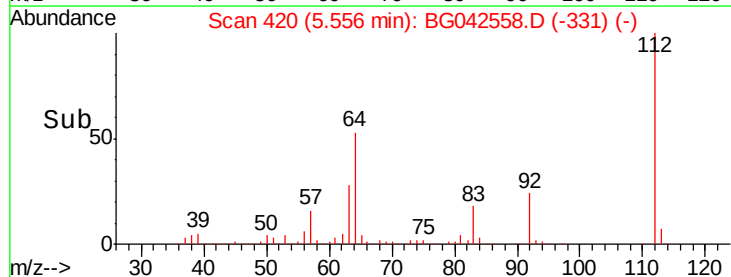
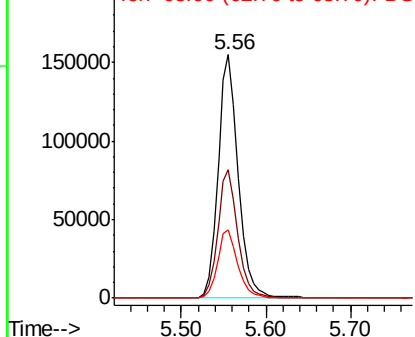
#5

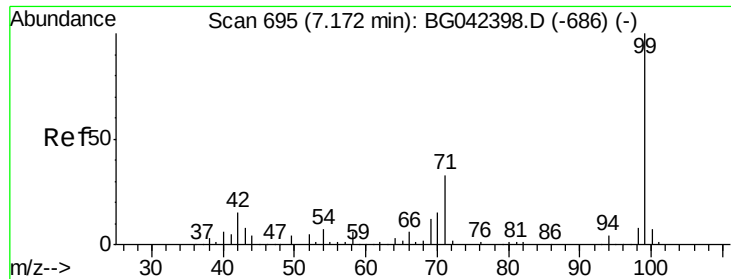
2-Fluorophenol
Concen: 147.027 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042558.D
Acq: 29 Aug 2019 10:28

Tgt Ion:112 Resp: 257372
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 28.1 22.7 34.1



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: 141.801 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

Instrument :

BNA_G

ClientSampled :

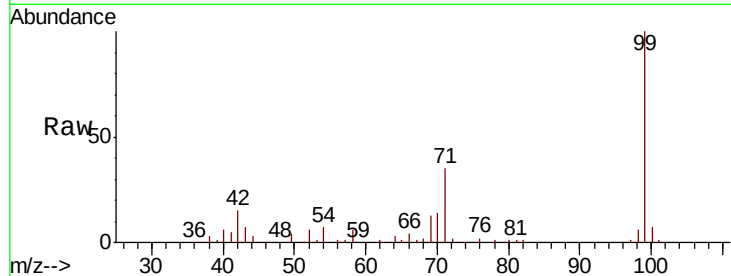
Tot Ion: 99 Resp: 335296

Ion Ratio Lower Upper

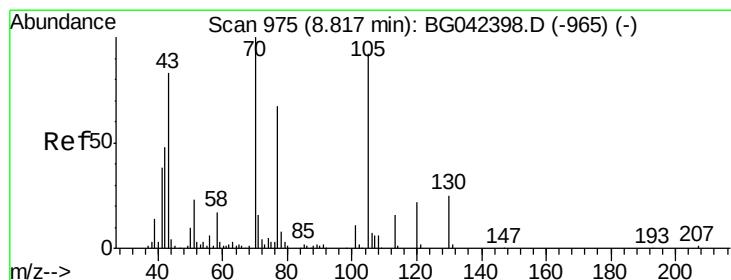
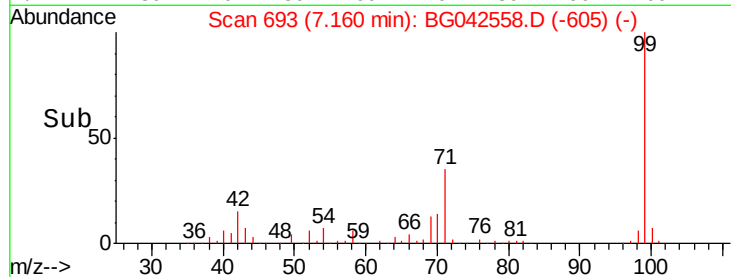
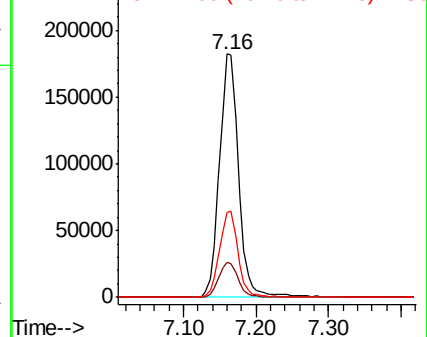
99 100

42 14.5 12.0 18.0

71 34.9 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: 15.869 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

Tgt Ion: 70 Resp: 24310

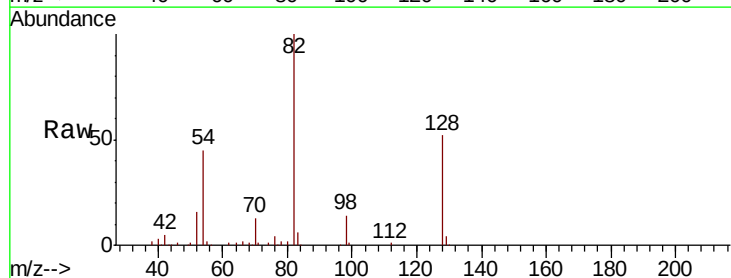
Ion Ratio Lower Upper

70 100

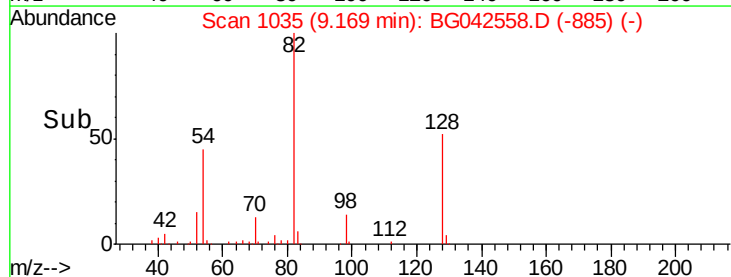
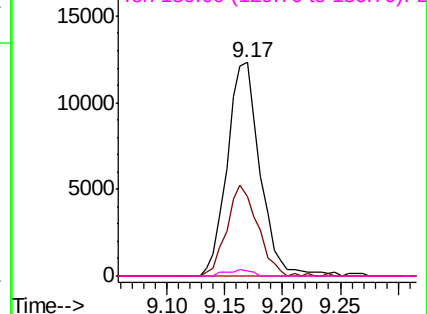
42 37.5 38.8 58.2#

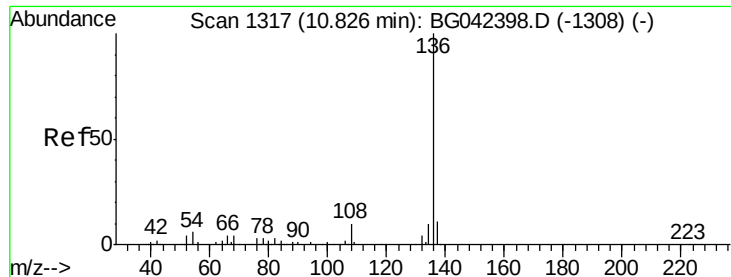
101 0.0 9.0 13.6#

130 2.4 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

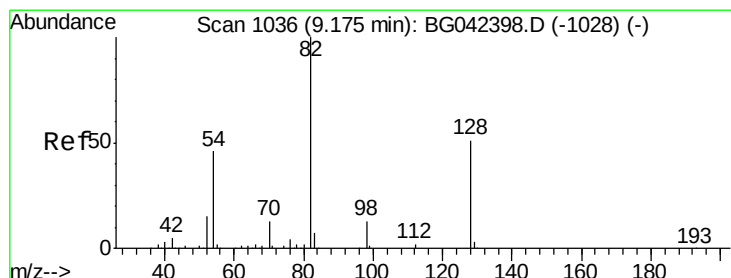
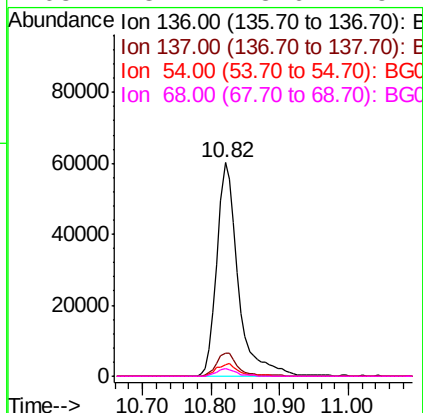
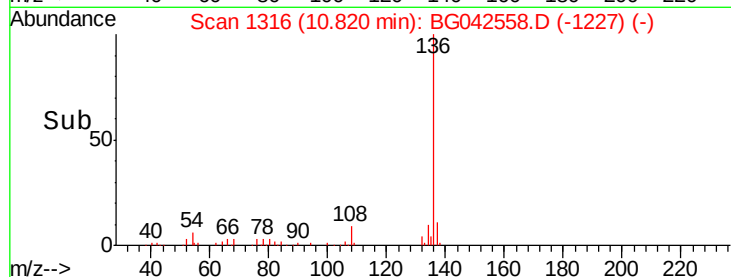
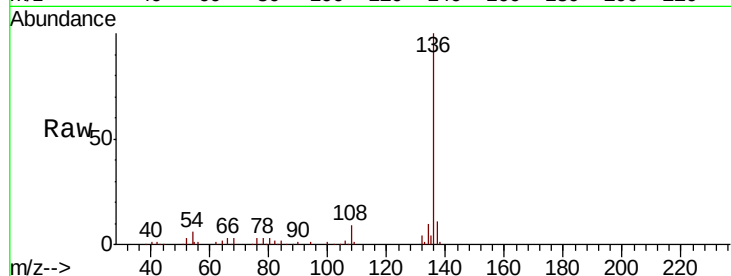




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042558.D
Acq: 29 Aug 2019 10:28

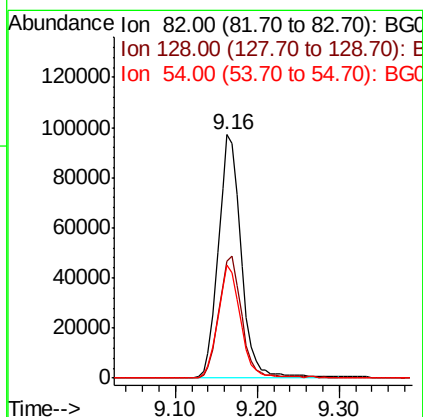
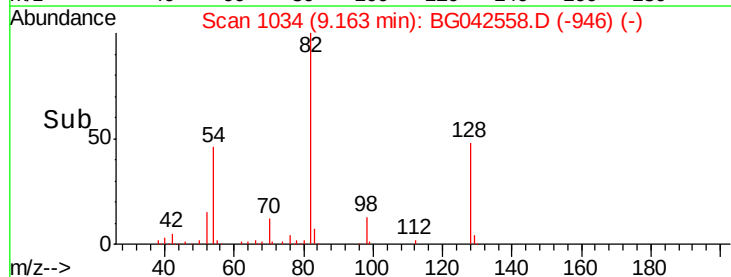
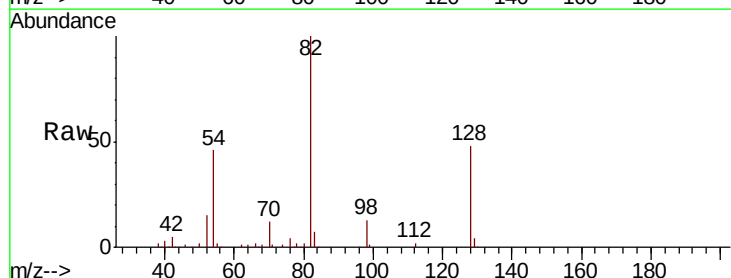
Instrument :
BNA_G
ClientSampleId :

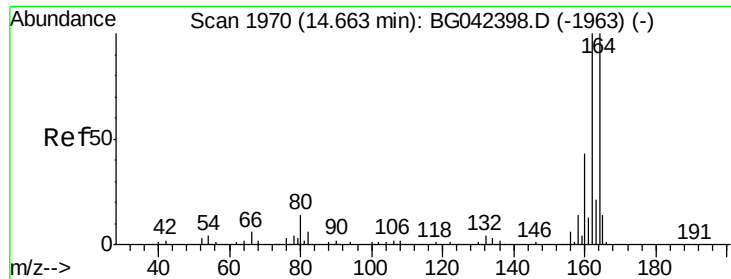
Tot Ion:136	Resp:	130425
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	5.7	4.9 7.3
68	3.4	3.6 5.4



#23
Nitrobenzene-d5
Concen: 100.490 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042558.D
Acq: 29 Aug 2019 10:28

Tgt Ion: 82	Resp:	189662
Ion	Ratio	Lower Upper
82	100	
128	47.9	40.7 61.1
54	46.4	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

Instrument :

BNA_G

ClientSampleId :

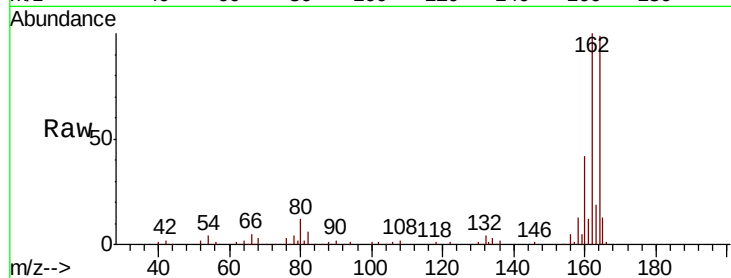
Tot Ion:164 Resp: 95027

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

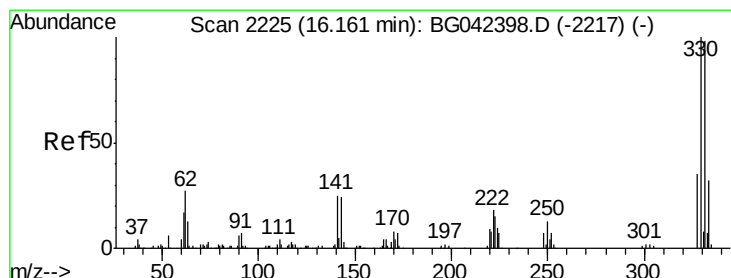
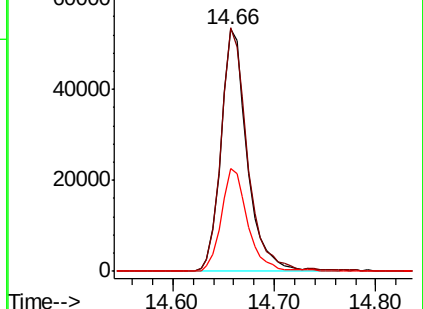
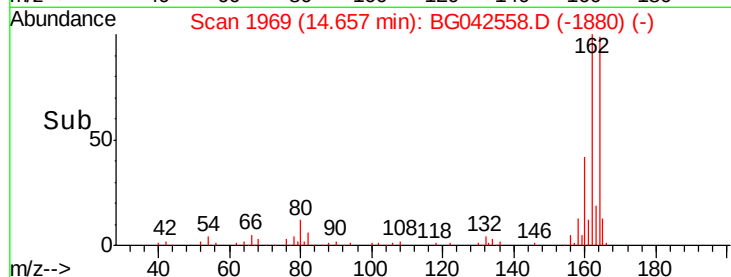
160 42.4 34.3 51.5



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: 150.401 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

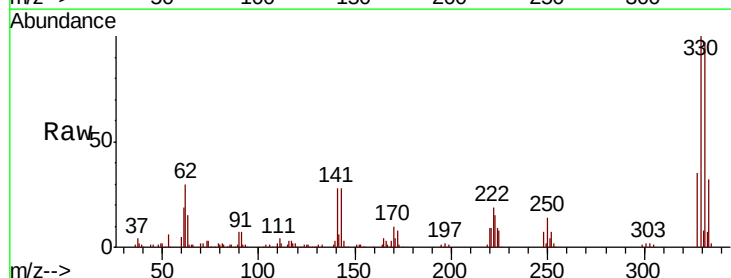
Tgt Ion:330 Resp: 203140

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

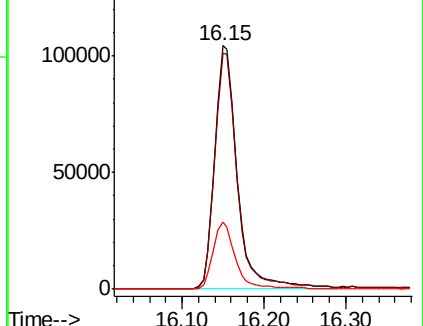
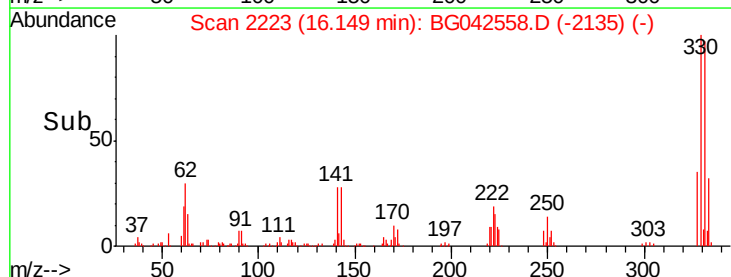
141 26.6 21.4 32.0

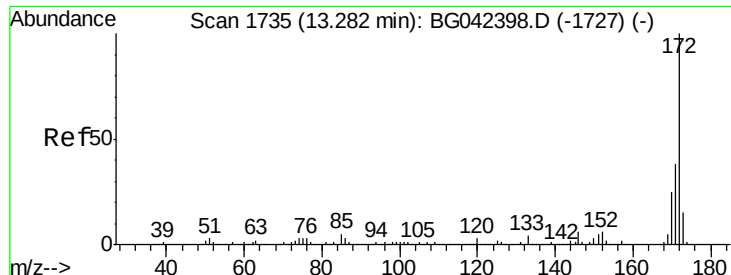


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

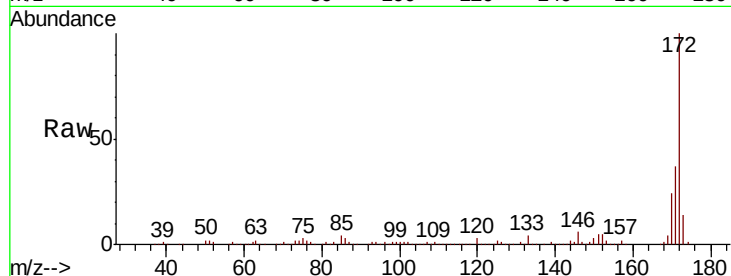




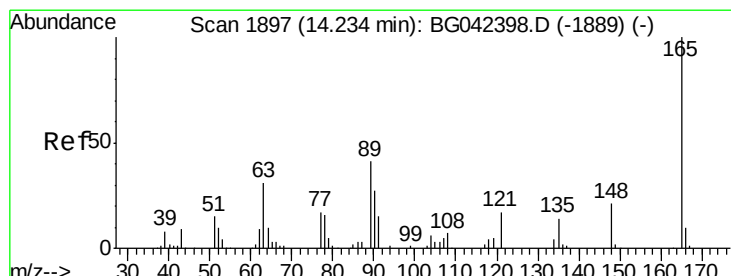
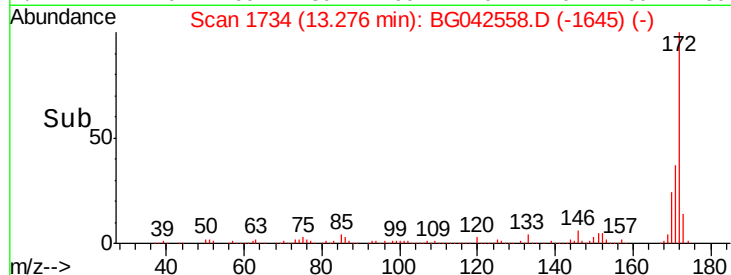
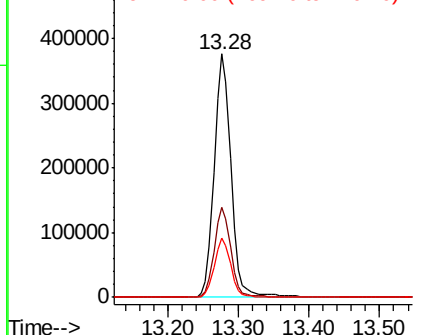
#45
 2-Fluorobiphenyl
 Concen: 111.056 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042558.D
 Acq: 29 Aug 2019 10:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.4	20.2	30.2

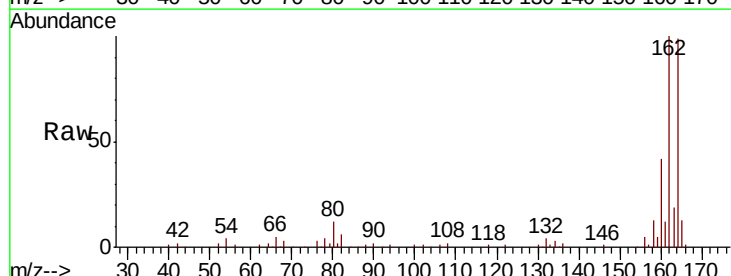


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

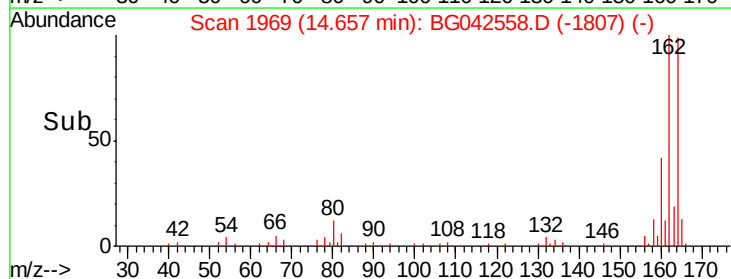
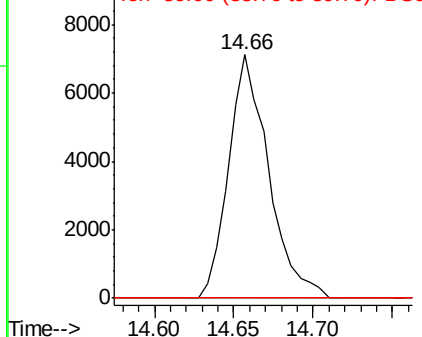


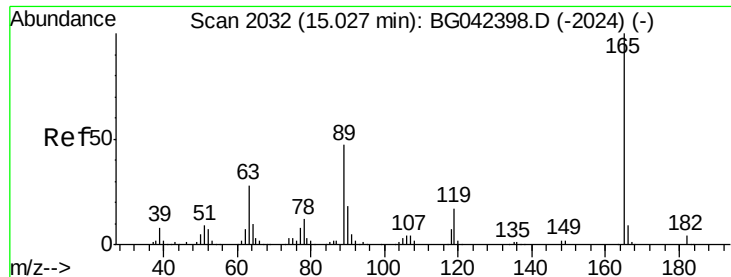
#51
 2,6-Dinitrotoluene
 Concen: 7.826 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042558.D
 Acq: 29 Aug 2019 10:28

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): BG
 Ion 89.00 (88.70 to 89.70): BG

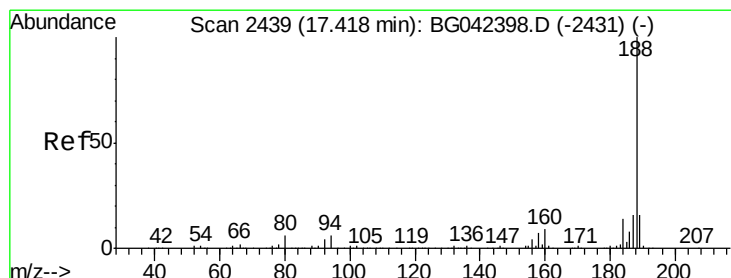
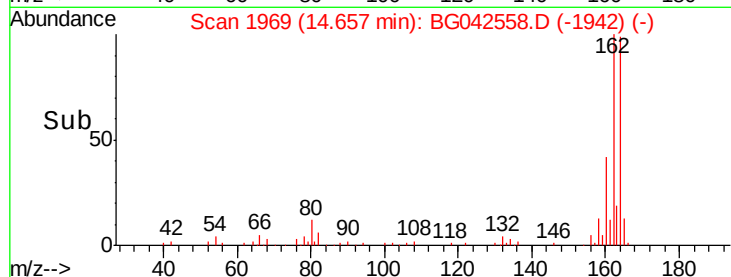
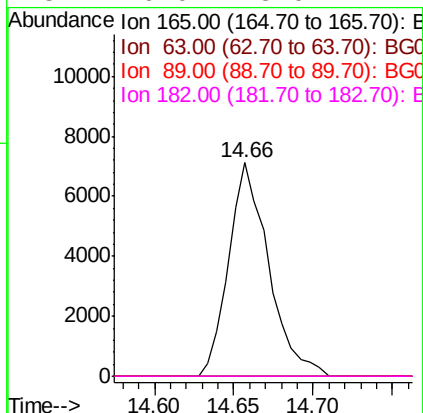
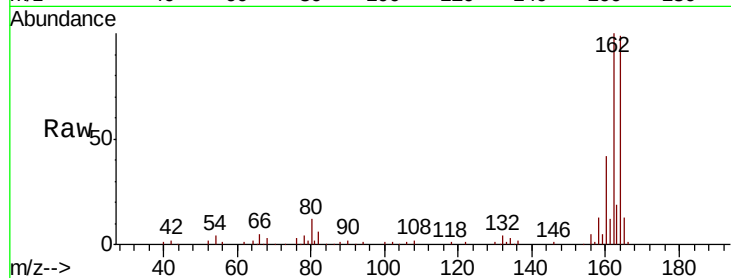




#57
 2,4-Dinitrotoluene
 Concen: 5.465 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042558.D
 Acq: 29 Aug 2019 10:28

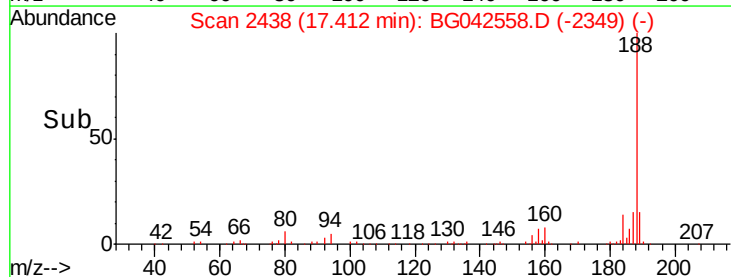
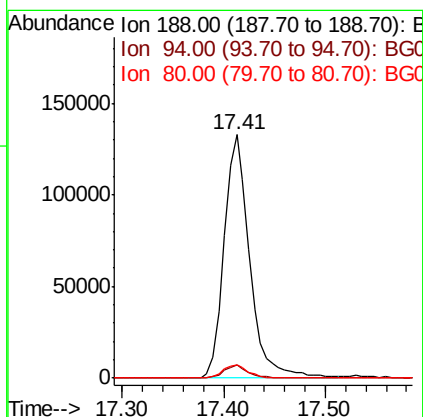
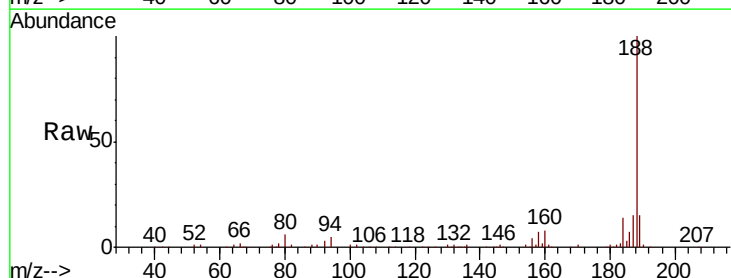
Instrument :
 BNA_G
 ClientSampled :

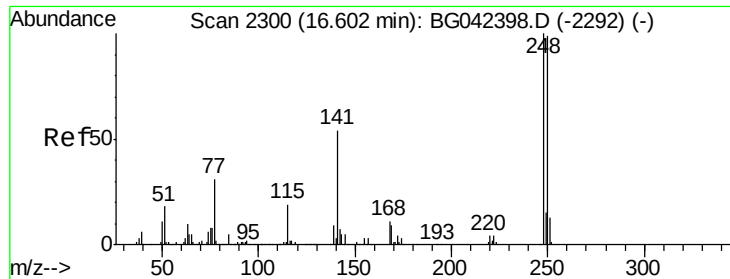
Tot Ion:165	Resp:	12438
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.5 33.7#
89	0.0	37.8 56.6#
182	0.0	3.0 4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042558.D
 Acq: 29 Aug 2019 10:28

Tgt Ion:188	Resp:	232434
Ion Ratio	Lower	Upper
188	100	
94	5.3	4.5 6.7
80	5.7	4.9 7.3

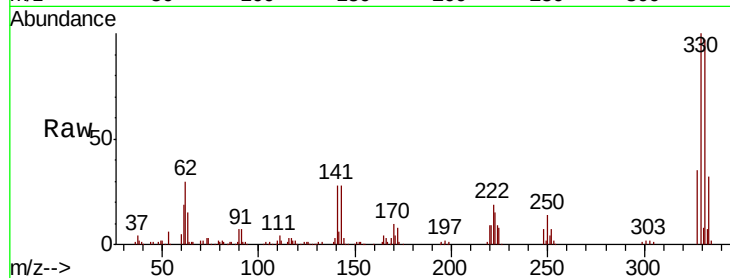




#67
 4-Bromophenyl-phenylether
 Concen: 4.476 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042558.D
 Acq: 29 Aug 2019 10:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	205.1	78.9	118.3#
141	409.8	43.3	64.9#

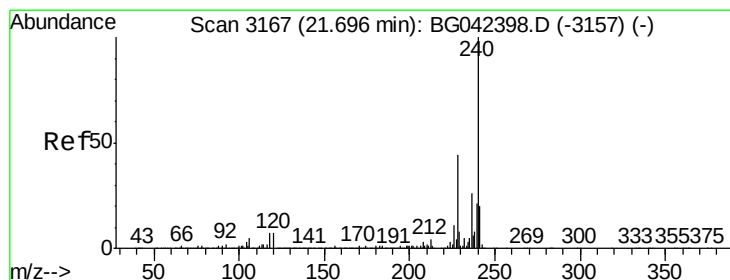
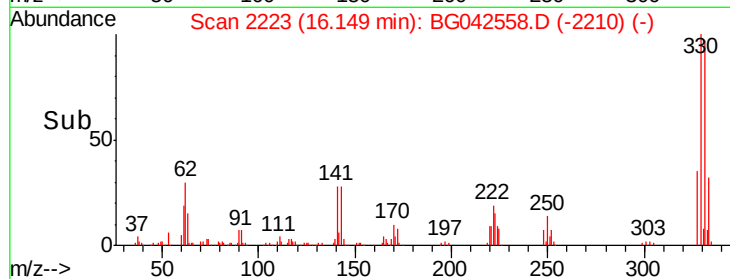
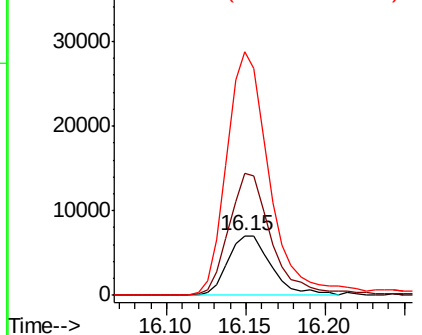


Abundance

Ion 248.00 (247.70 to 248.70): E

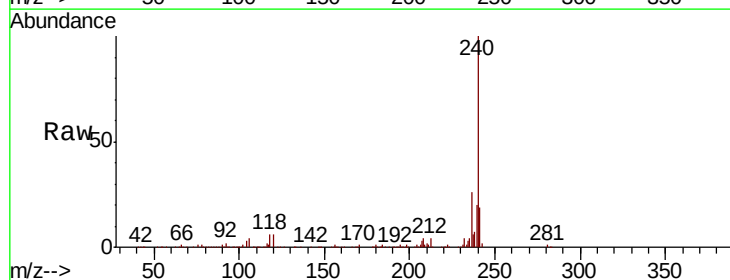
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042558.D
 Acq: 29 Aug 2019 10:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	25.9	21.0	31.4

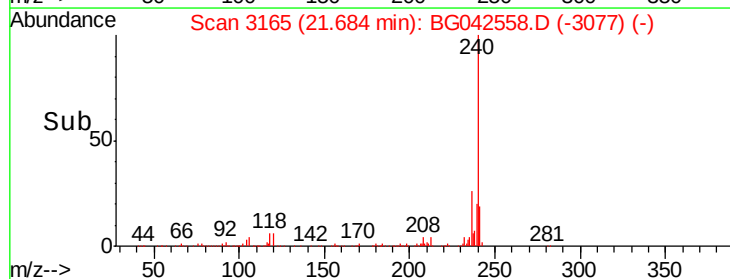
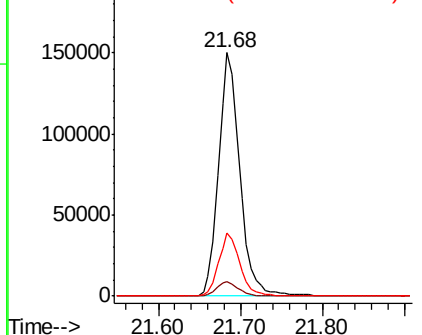


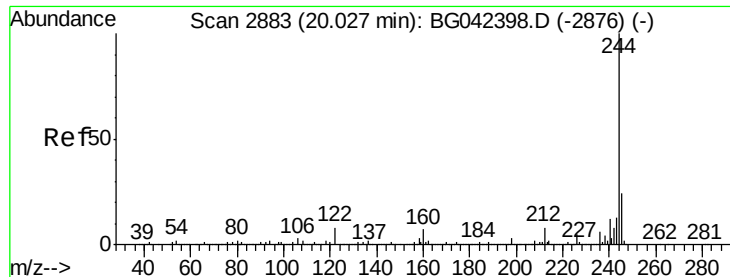
Abundance

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: 103.927 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

Instrument :

BNA_G

ClientSampleId :

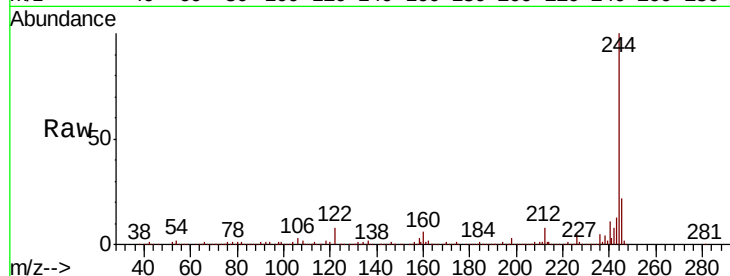
Tot Ion:244 Resp: 1309254

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

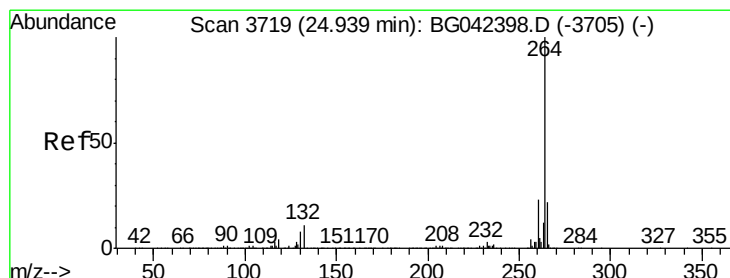
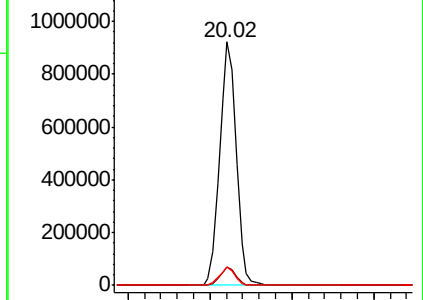
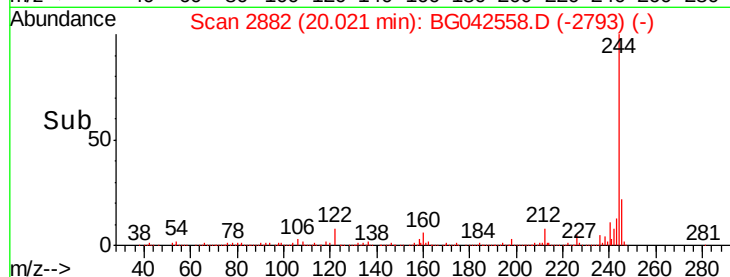
122 7.5 6.7 10.1



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: BG042558.D

Acq: 29 Aug 2019 10:28

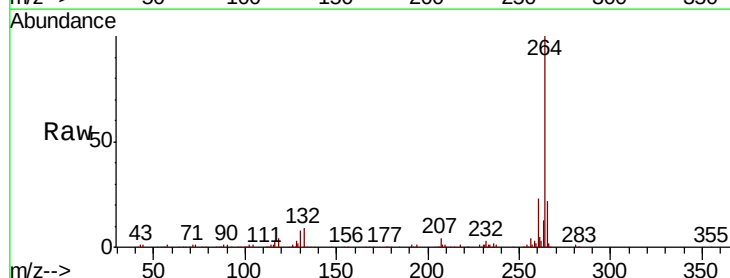
Tgt Ion:264 Resp: 311623

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.8 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

