

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042382.D
 Acq On : 21 Aug 2019 14:12
 Operator : HP/JU
 Sample : PB122256BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 17:34:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

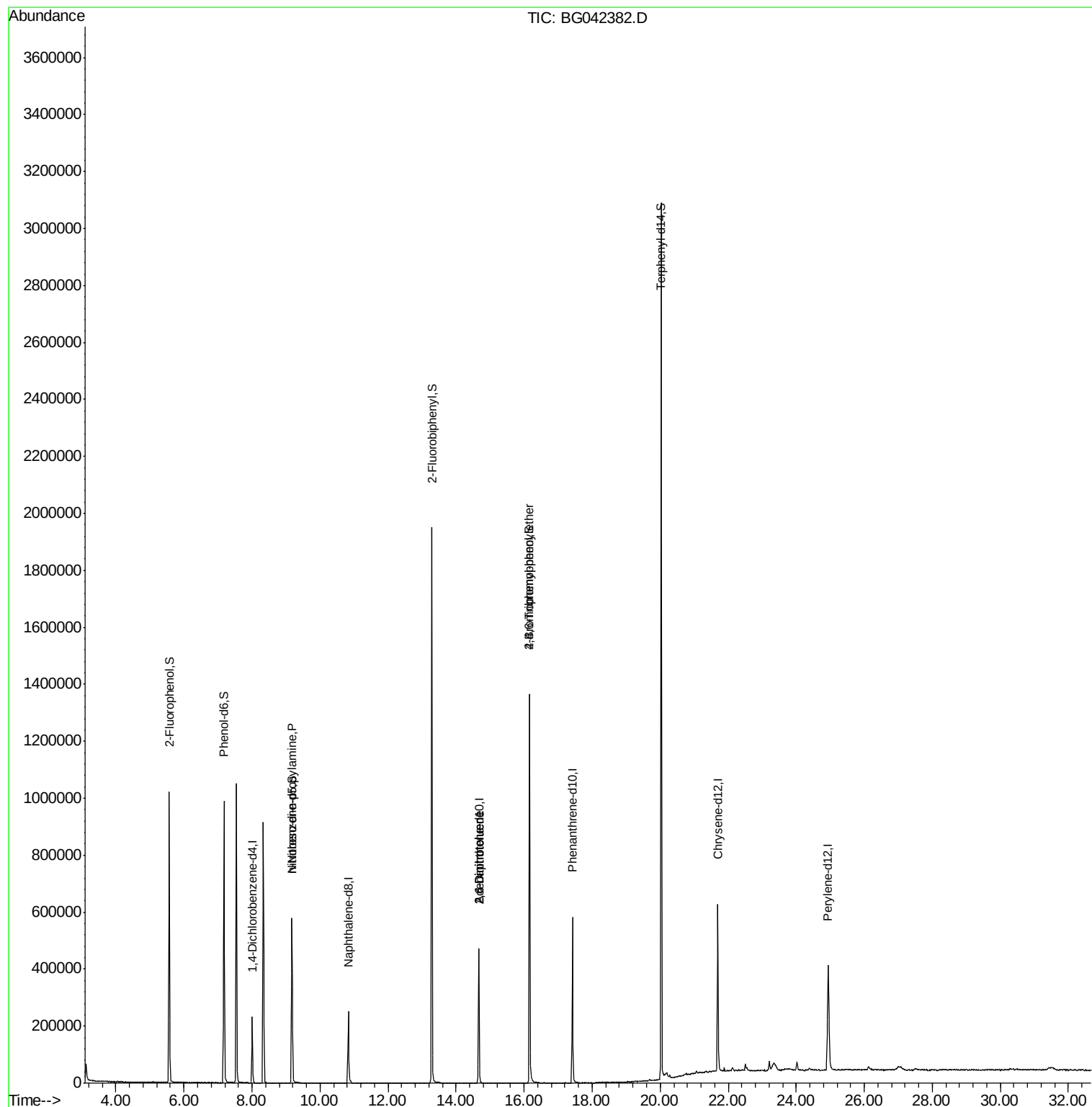
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74503	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	280354	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	194715	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	411460	20.00	ng	0.00
76) Chrysene-d12	21.70	240	389331	20.00	ng	0.00
87) Perylene-d12	24.94	264	465699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	503055	136.80	ng	0.00
7) Phenol-d6	7.18	99	660687	132.29	ng	0.01
23) Nitrobenzene-d5	9.18	82	380655	95.50	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	353590	133.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1162046	100.99	ng	0.00
79) Terphenyl-d14	20.03	244	1654656	93.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	49297	15.347	ng	# 73
51) 2,6-Dinitrotoluene	14.67	165	25452	7.860	ng	# 40
57) 2,4-Dinitrotoluene	14.67	165	25452	5.622	ng	# 38
67) 4-Bromophenyl-phenylether	16.16	248	24930	4.761	ng	# 1

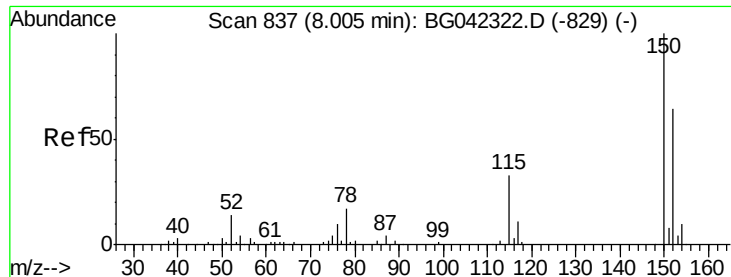
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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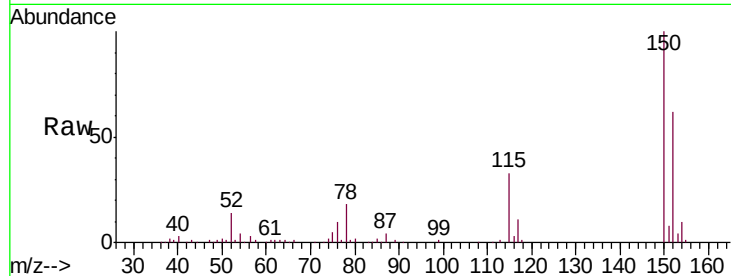


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042382.D
Acq: 21 Aug 2019 14:12

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.3	186.5
115	52.9	40.5	60.7

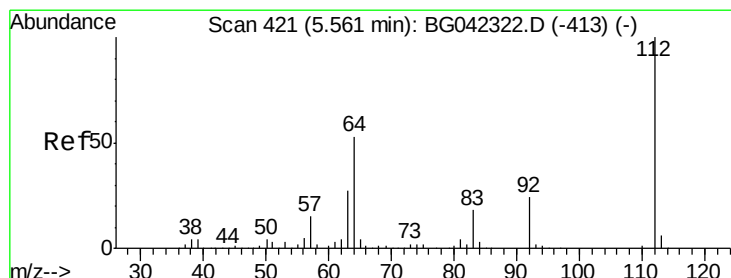
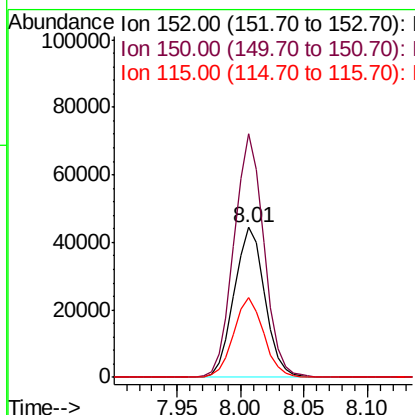
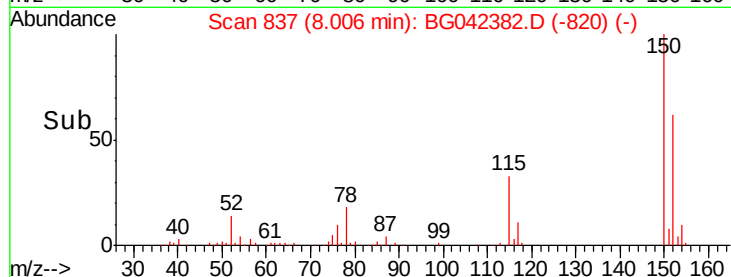


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

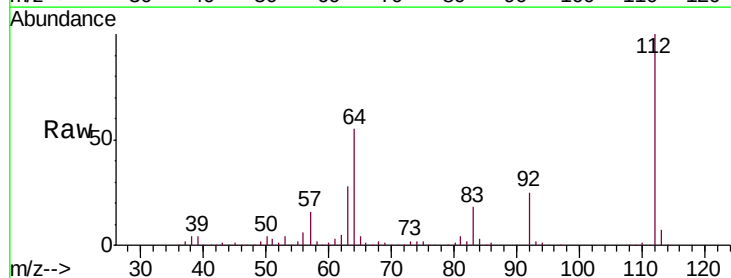
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.805 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042382.D
Acq: 21 Aug 2019 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	42.5	63.7
63	28.2	21.7	32.5

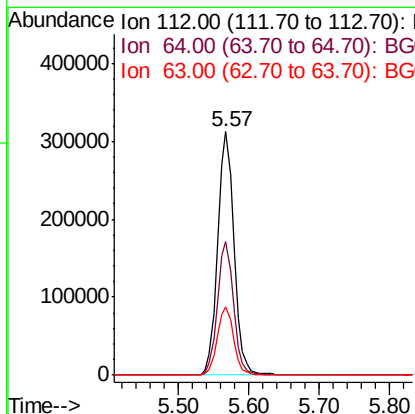
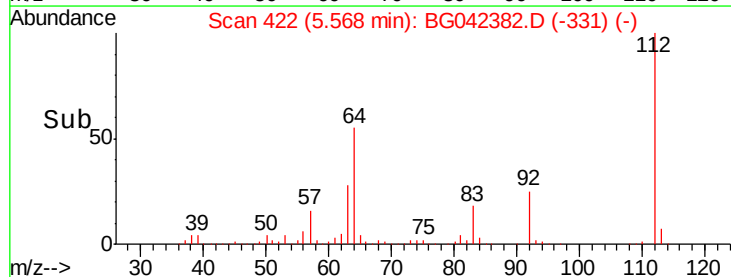


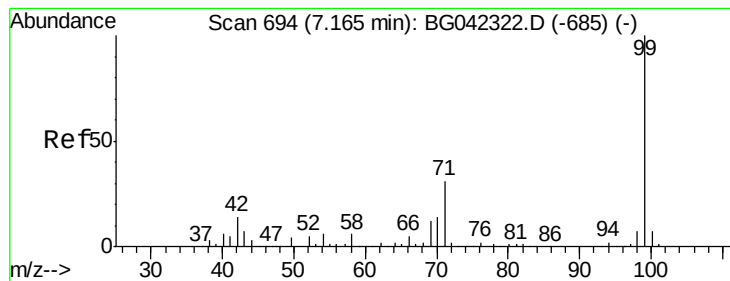
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.295 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Instrument :

BNA_G

ClientSampleId :

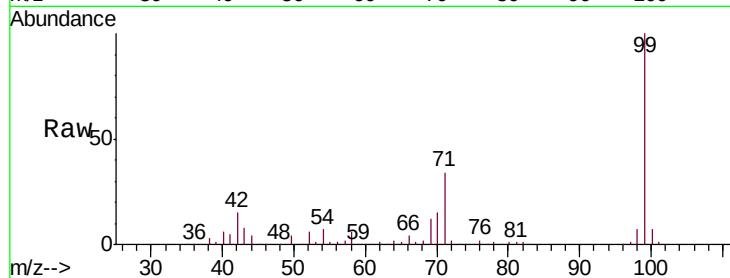
Tot Ion: 99 Resp: 660687

Ion Ratio Lower Upper

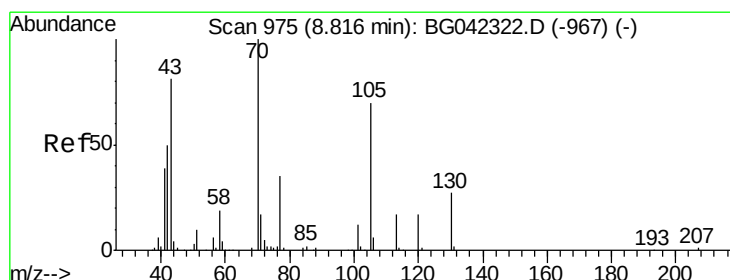
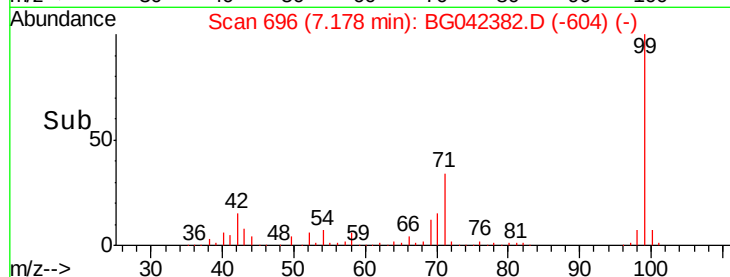
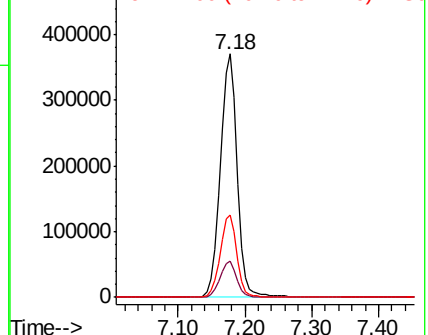
99 100

42 14.8 11.4 17.0

71 34.0 25.1 37.7



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: 15.347 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Tgt Ion: 70 Resp: 49297

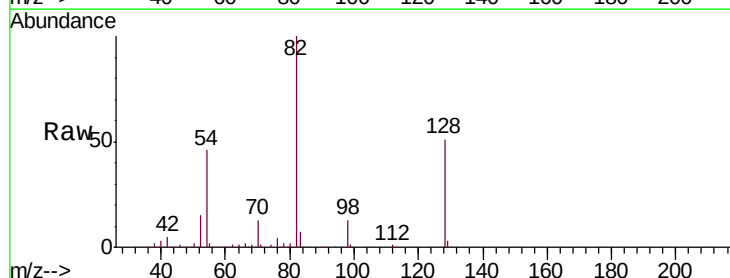
Ion Ratio Lower Upper

70 100

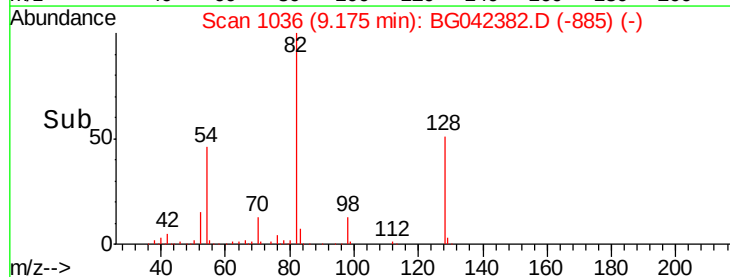
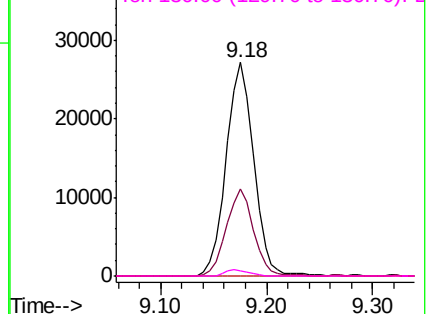
42 40.6 40.5 60.7

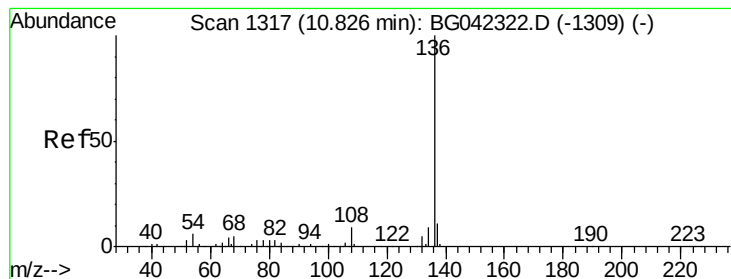
101 0.0 9.3 13.9#

130 2.4 22.0 33.0#



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: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 280354

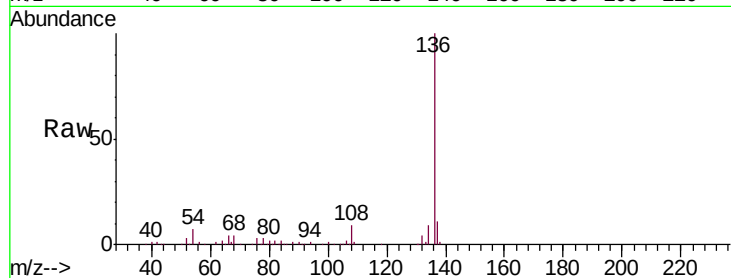
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 6.7 5.0 7.4

68 4.3 3.8 5.8

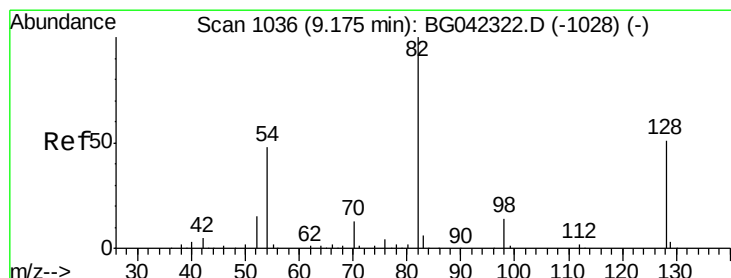
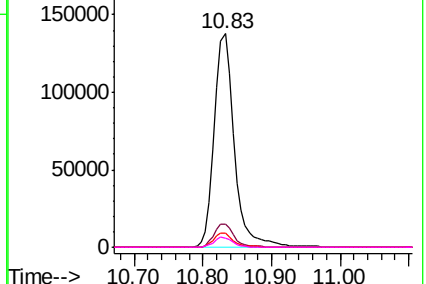
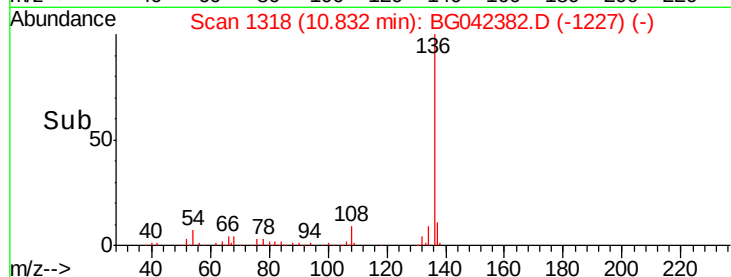


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 95.496 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

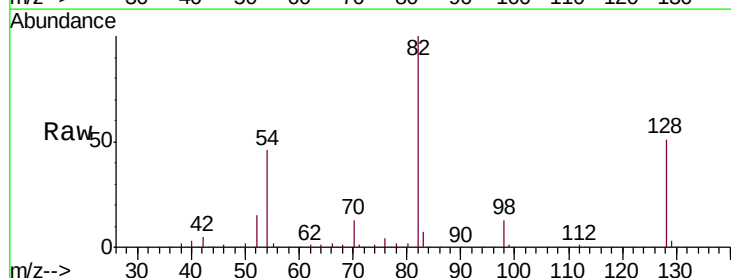
Tgt Ion: 82 Resp: 380655

Ion Ratio Lower Upper

82 100

128 50.6 41.0 61.4

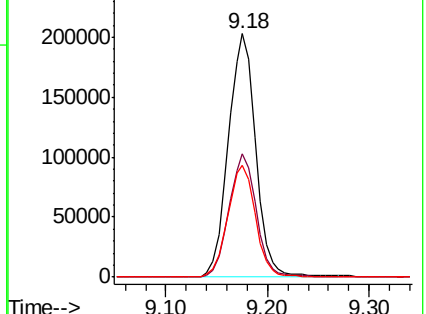
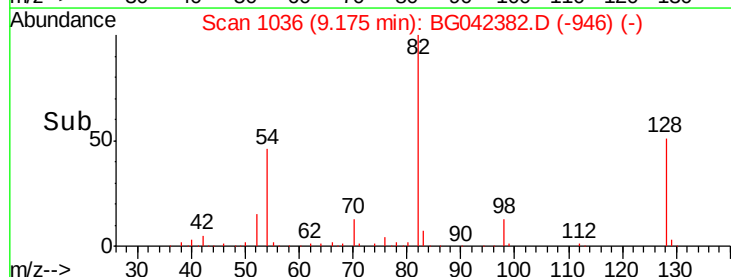
54 45.9 38.0 57.0

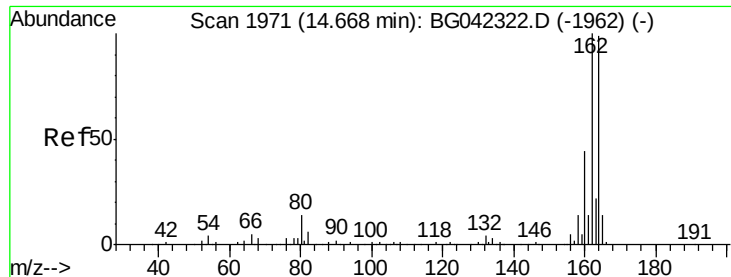


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

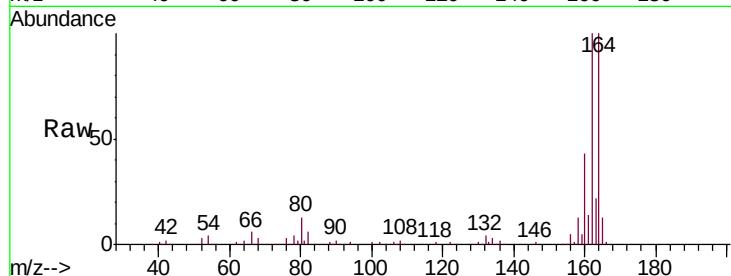




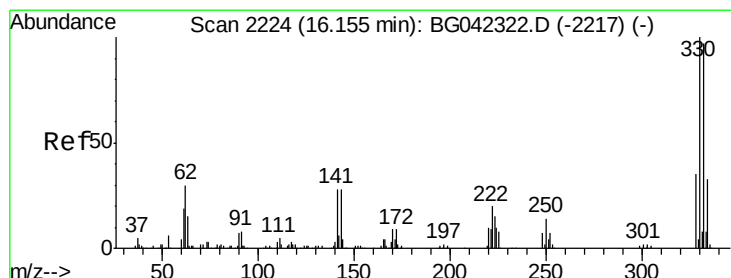
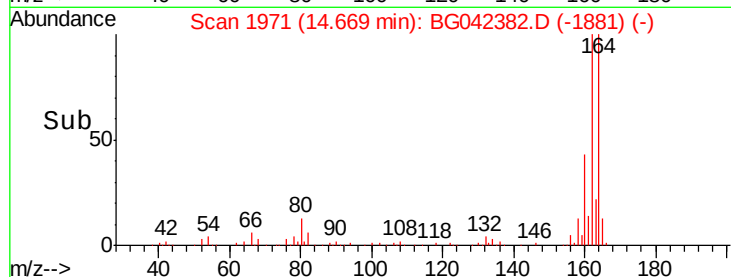
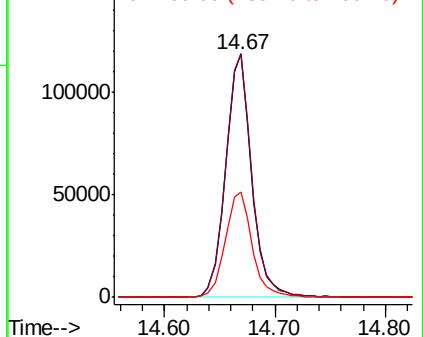
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042382.D
Acq: 21 Aug 2019 14:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	43.4	35.7	53.5

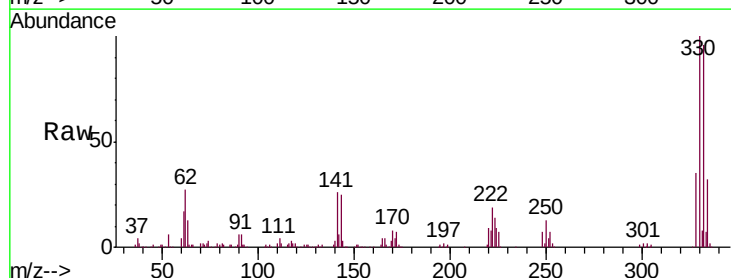


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

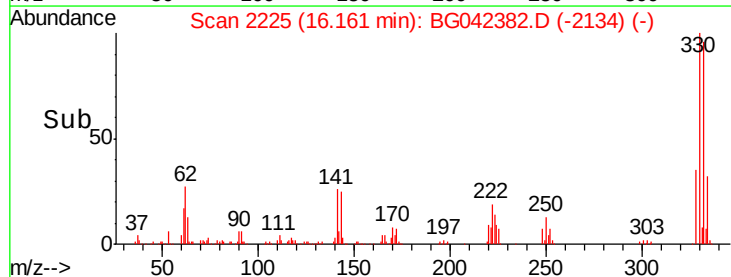
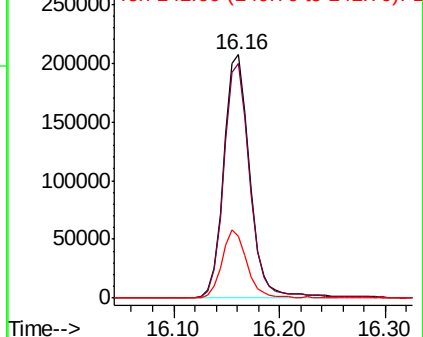


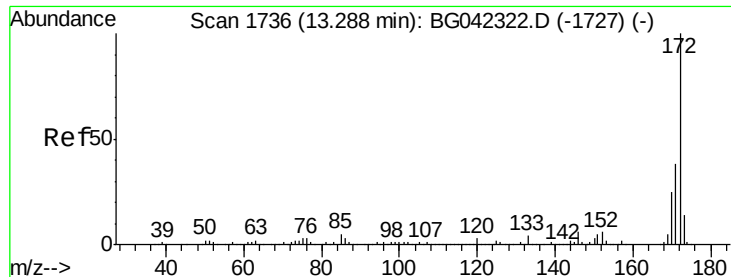
#42
2,4,6-Tribromophenol
Concen: 133.331 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042382.D
Acq: 21 Aug 2019 14:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	27.3	21.8	32.6



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



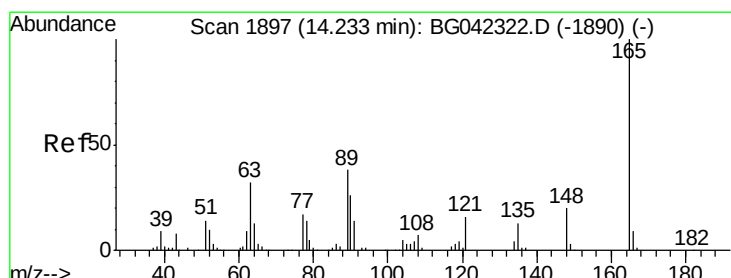
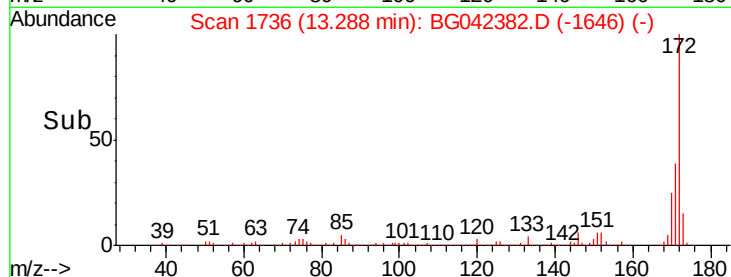
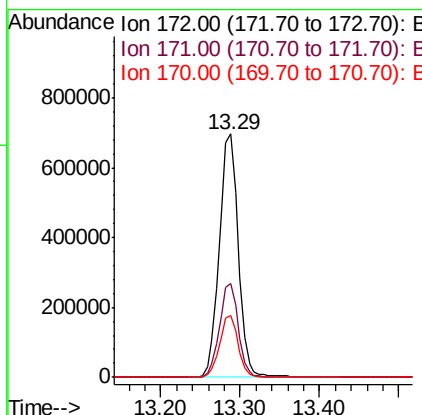
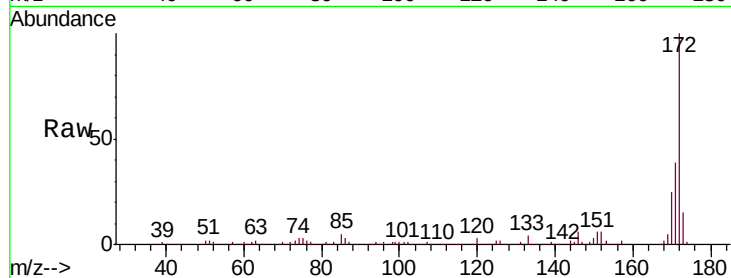


#45
 2-Fluorobiphenyl
 Concen: 100.987 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042382.D
 Acq: 21 Aug 2019 14:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1162046

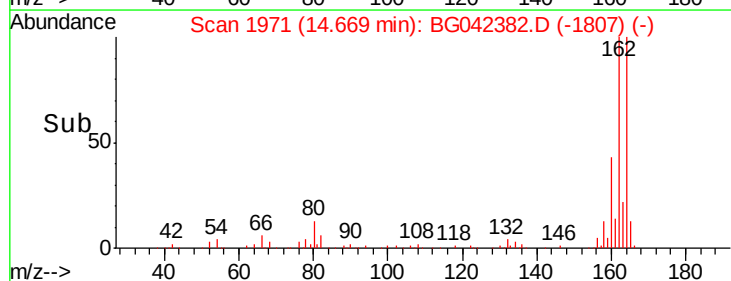
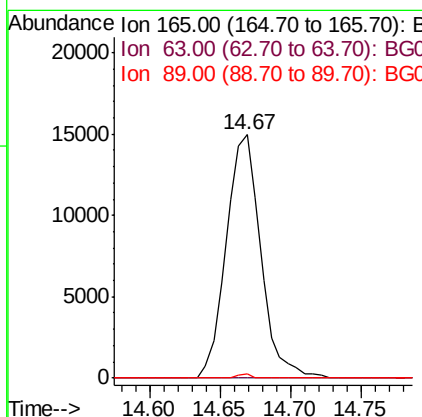
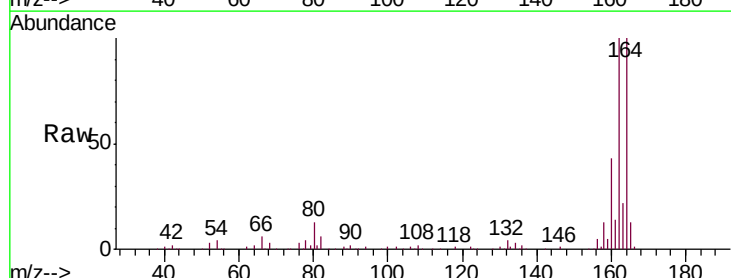
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.3	45.5
170	25.5	20.0	30.0

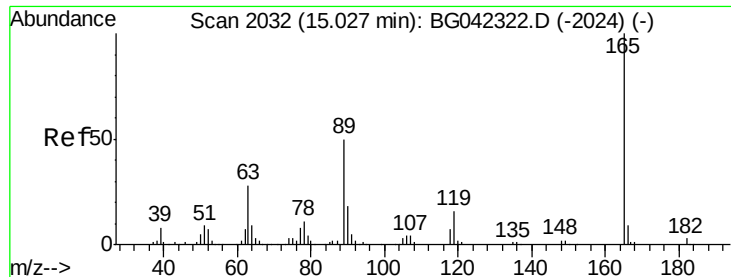


#51
 2,6-Dinitrotoluene
 Concen: 7.860 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.44 min
 Lab File: BG042382.D
 Acq: 21 Aug 2019 14:12

Tgt Ion:165 Resp: 25452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.2	42.2#
89	1.5	30.0	45.0#

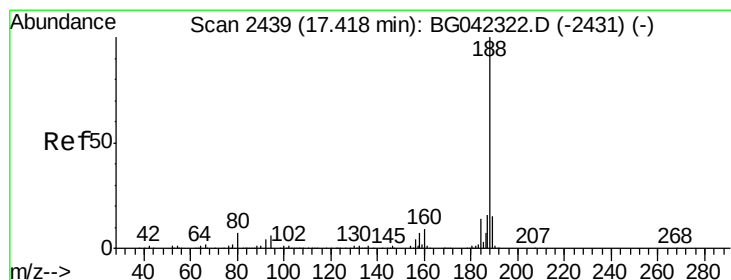
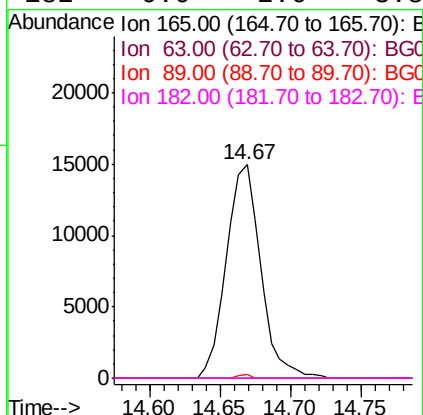
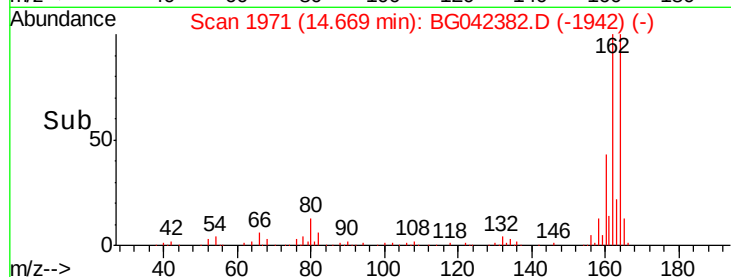
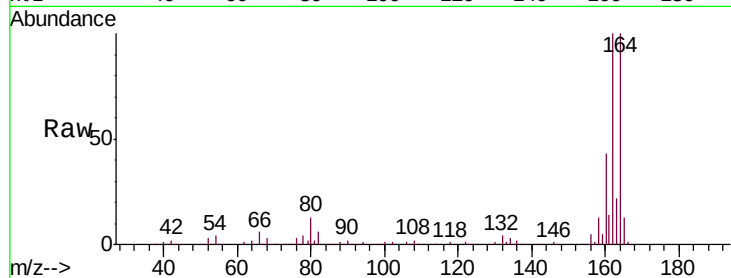




#57
 2,4-Dinitrotoluene
 Concen: 5.622 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.36 min
 Lab File: BG042382.D
 Acq: 21 Aug 2019 14:12

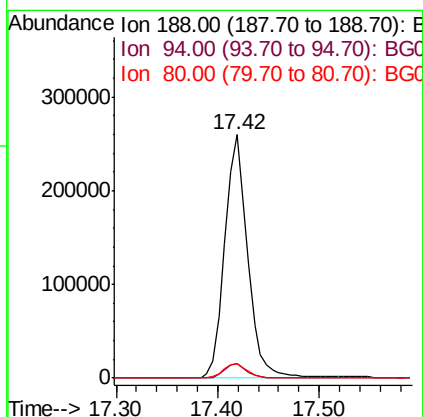
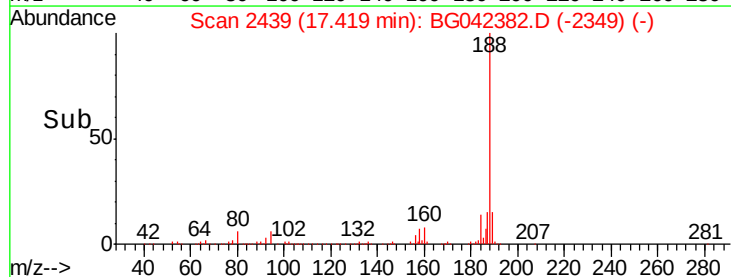
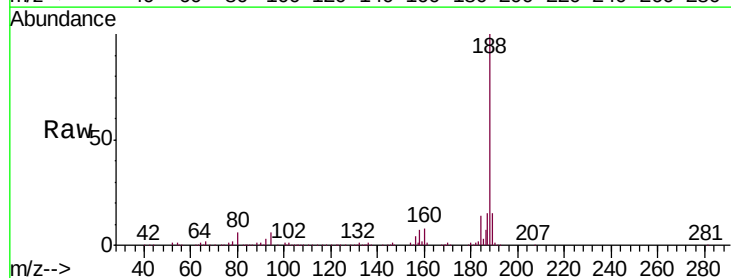
Instrument :
 BNA_G
 ClientSampleId :

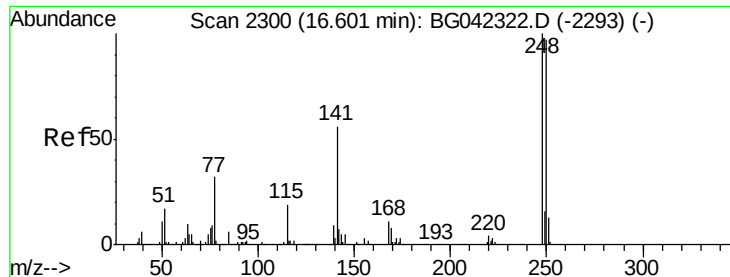
Tot Ion:165	Resp:	25452
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.4 33.6#
89	1.5	40.2 60.2#
182	0.0	2.6 3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG042382.D
 Acq: 21 Aug 2019 14:12

Tgt Ion:188	Resp:	411460
Ion Ratio	Lower	Upper
188	100	
94	6.1	4.9 7.3
80	5.9	5.4 8.0

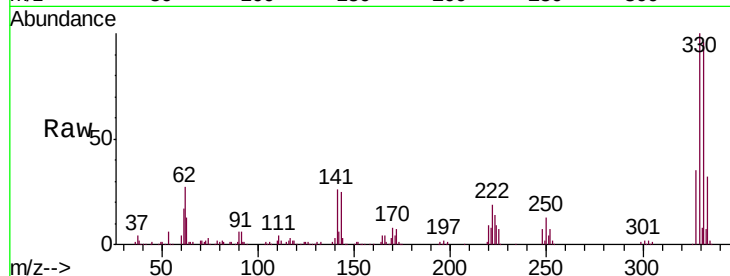




#67
 4-Bromophenyl-phenylether
 Concen: 4.761 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG042382.D
 Acq: 21 Aug 2019 14:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	175.4	78.0	117.0#
141	346.3	44.9	67.3#

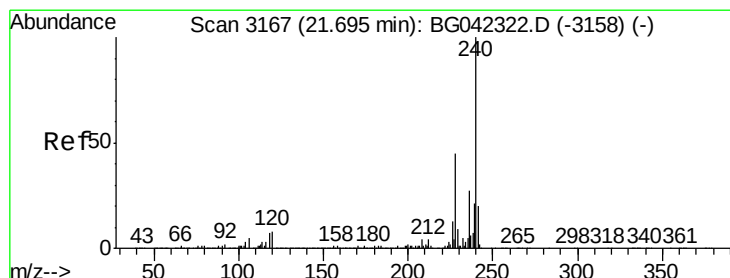
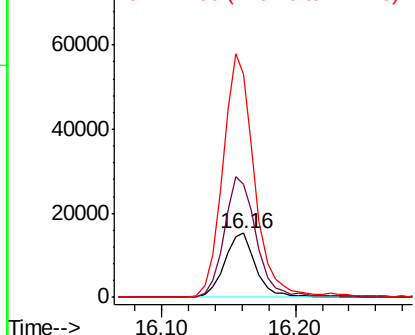
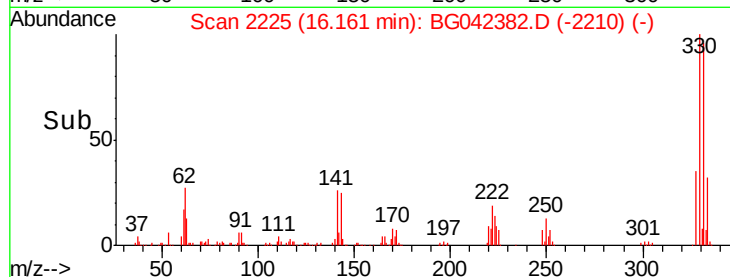


Abundance

Ion 248.00 (247.70 to 248.70): E

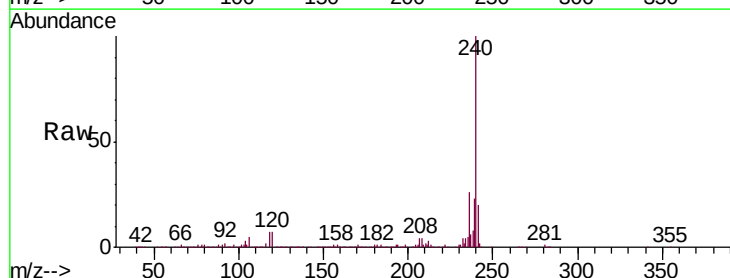
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG042382.D
 Acq: 21 Aug 2019 14:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.0	9.0
236	26.3	21.6	32.4

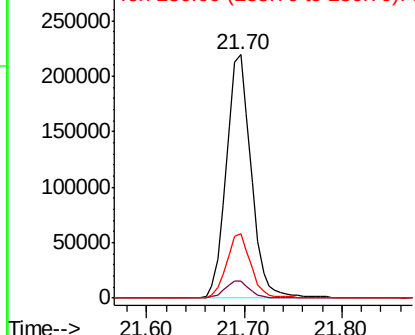
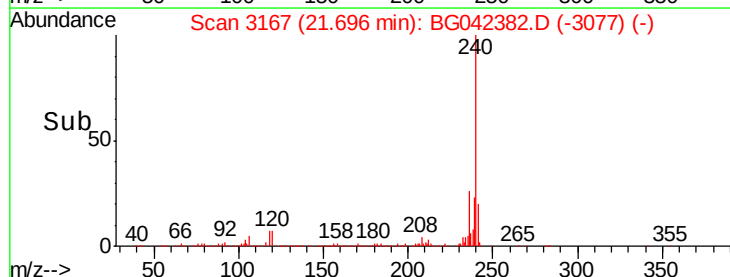


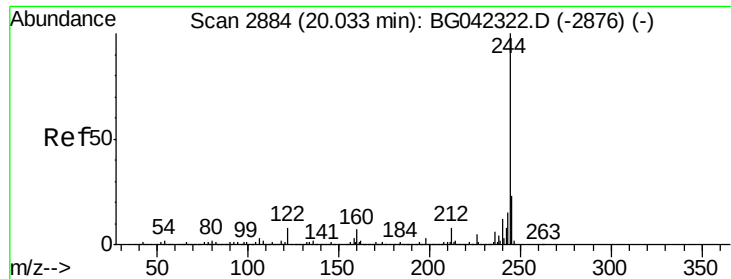
Abundance

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: 93.087 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Instrument :

BNA_G

ClientSampled :

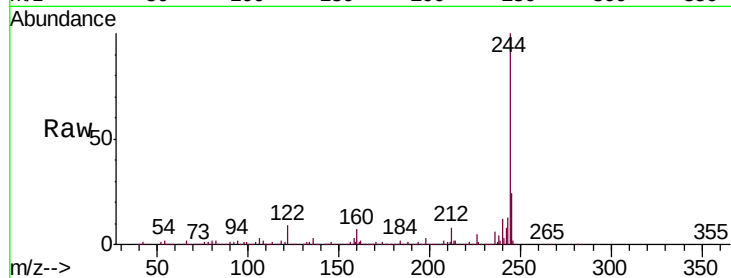
Tot Ion:244 Resp: 1654656

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

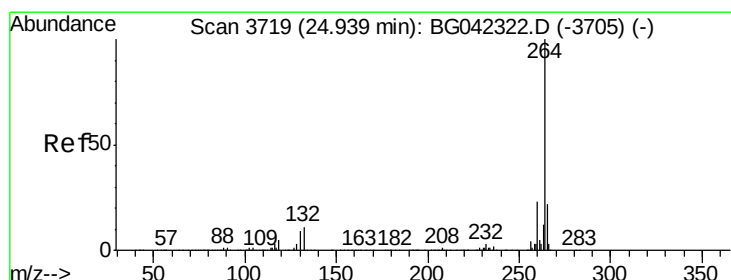
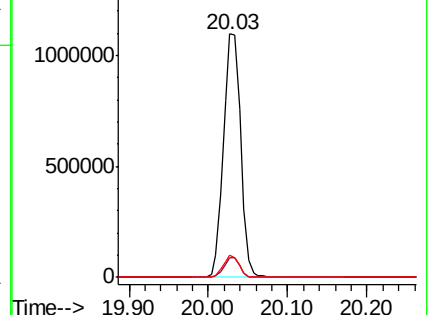
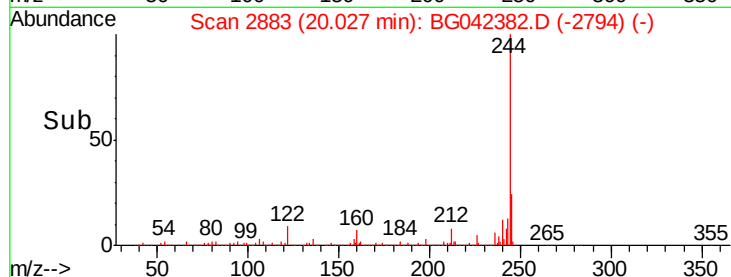
122 9.3 6.6 10.0



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: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

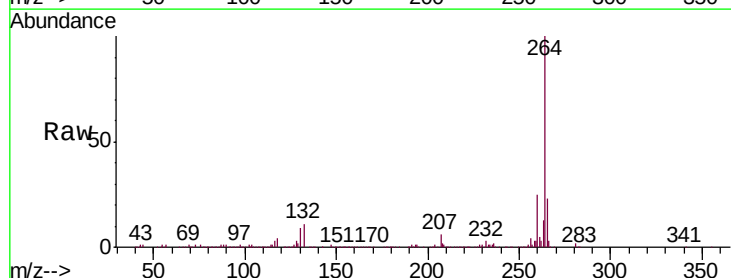
Tgt Ion:264 Resp: 465699

Ion Ratio Lower Upper

264 100

260 24.8 18.4 27.6

265 23.1 17.4 26.0



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

