

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042677.D
 Acq On : 2 Sep 2019 1:03
 Operator : HP/JU
 Sample : K4554-28
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 07:31:05 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

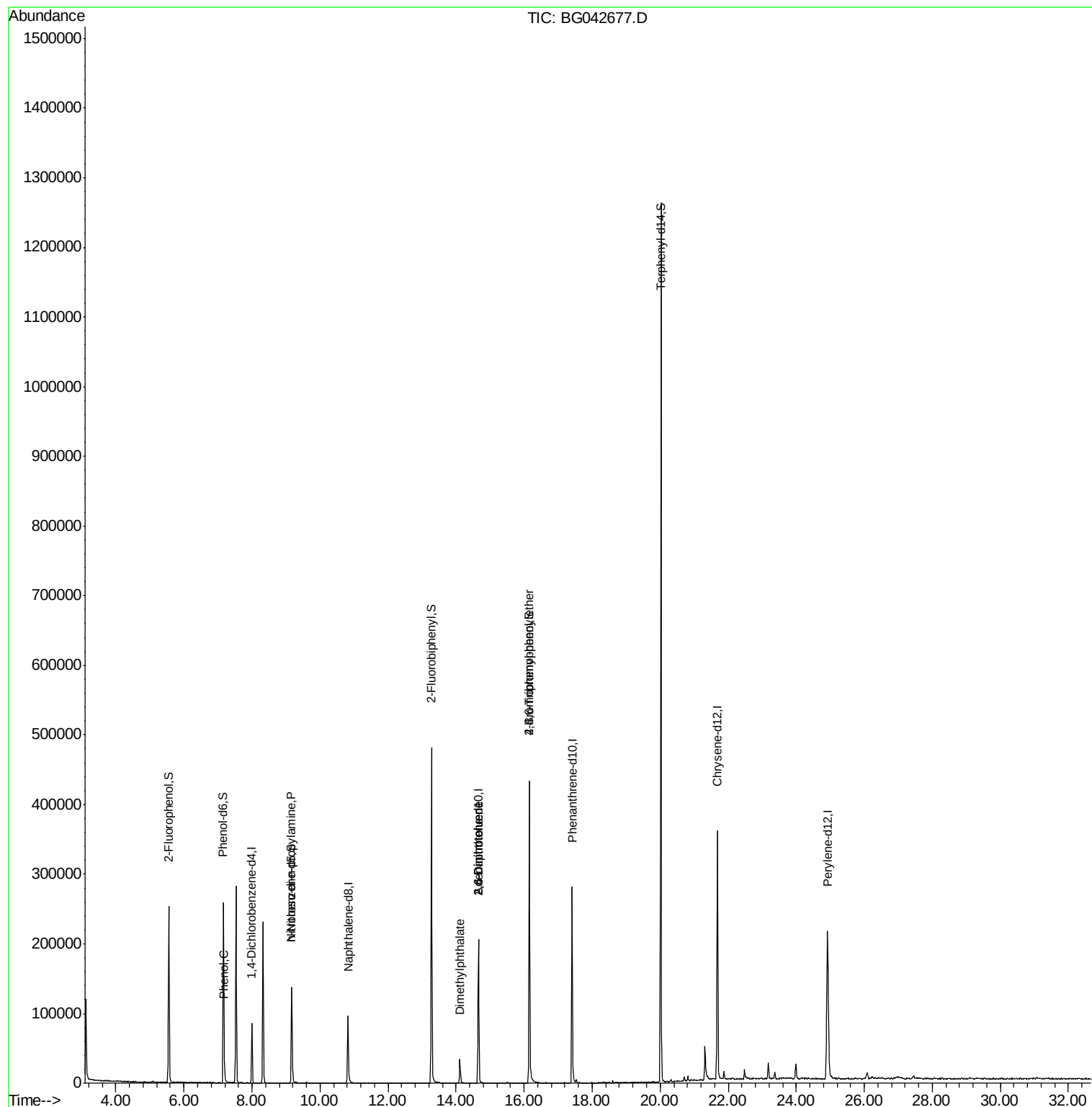
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29701	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	113677	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	90434	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	223436	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	249353	20.00	ng	-0.01
87) Perylene-d12	24.92	264	292394	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	131042	89.36	ng	0.00
7) Phenol-d6	7.16	99	174903	88.29	ng	-0.01
23) Nitrobenzene-d5	9.16	82	97773	59.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	125313	97.49	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	320176	59.88	ng	0.00
79) Terphenyl-d14	20.02	244	690538	59.87	ng	0.00
Target Compounds						
10) Phenol	7.19	94	6318	3.137	ng	83
19) n-Nitroso-di-n-propylamine	9.17	70	12900	10.052	ng	# 76
50) Dimethylphthalate	14.11	163	41311	6.331	ng	99
51) 2,6-Dinitrotoluene	14.66	165	11474	7.586	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	11474	5.298	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	8079	2.851	ng	# 1

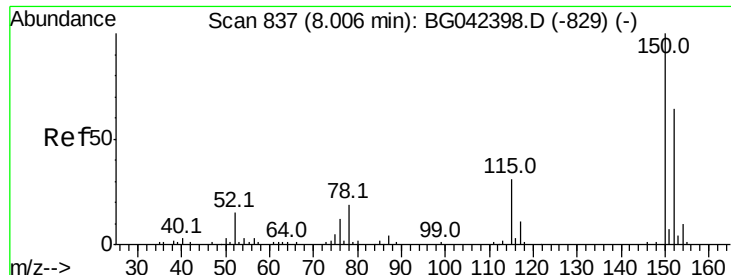
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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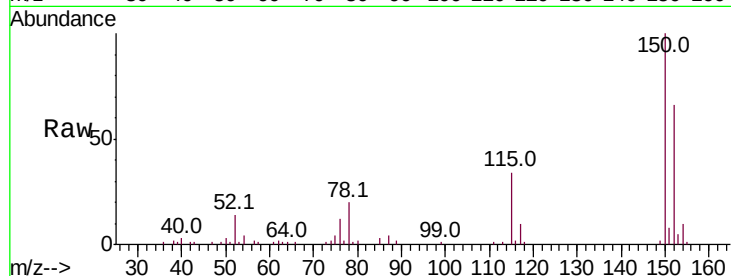


#1

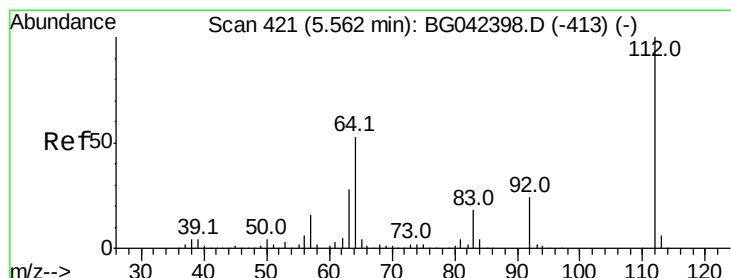
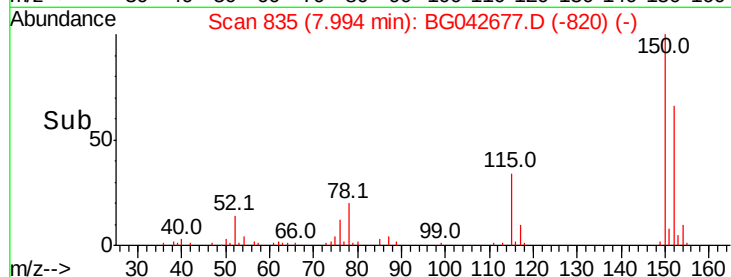
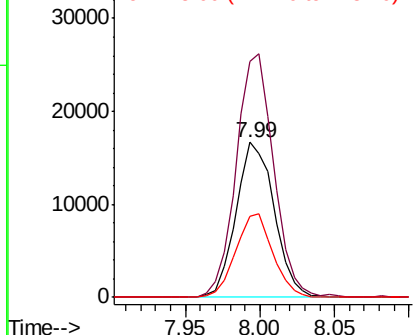
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29701
Ion Ratio Lower Upper
152 100
150 152.2 125.4 188.0
115 52.1 38.5 57.7



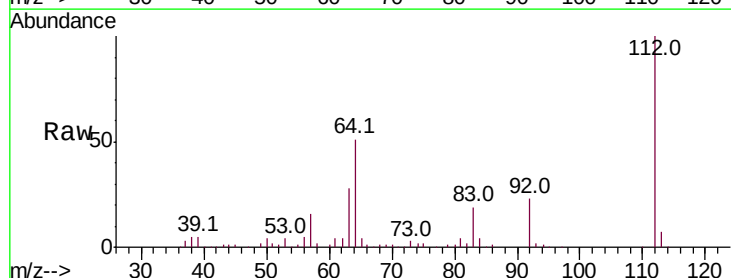
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



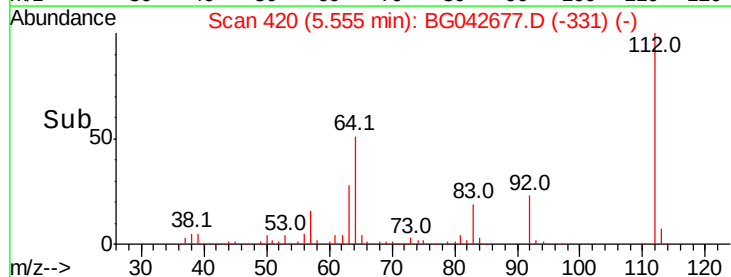
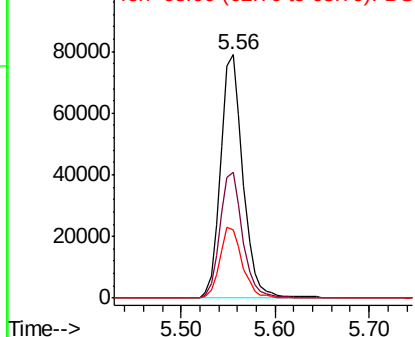
#5

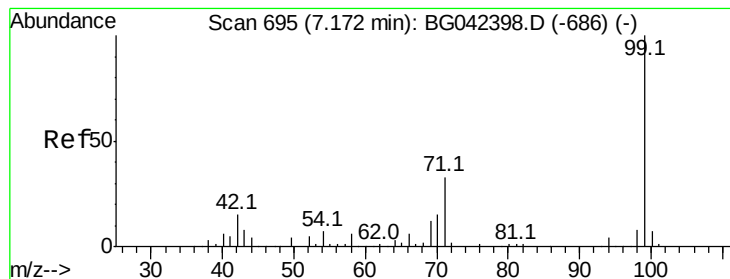
2-Fluorophenol
Concen: 89.357 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Tgt Ion:112 Resp: 131042
Ion Ratio Lower Upper
112 100
64 51.5 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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 88.294 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

Instrument :

BNA_G

ClientSampleId :

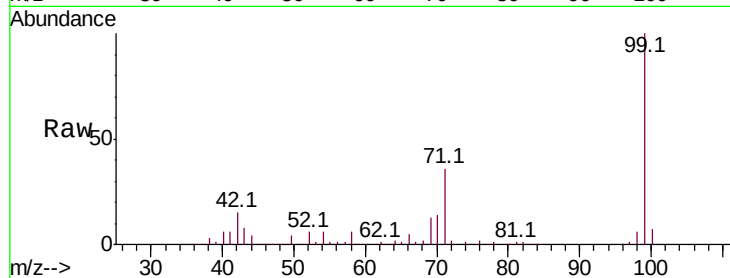
Tot Ion: 99 Resp: 174903

Ion Ratio Lower Upper

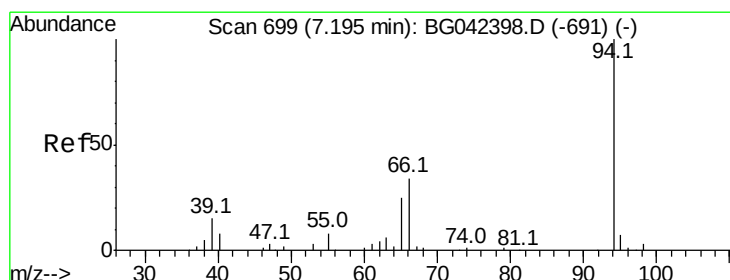
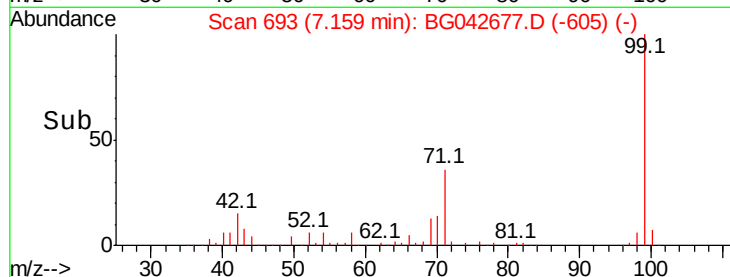
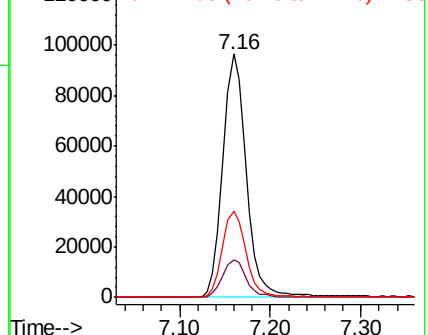
99 100

42 15.3 12.0 18.0

71 35.6 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: 3.137 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

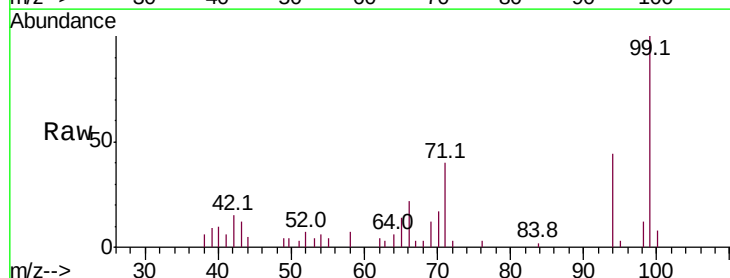
Tgt Ion: 94 Resp: 6318

Ion Ratio Lower Upper

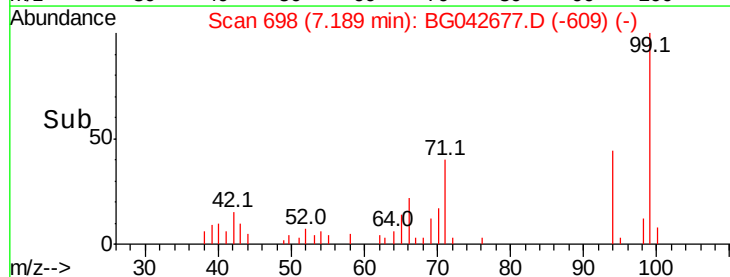
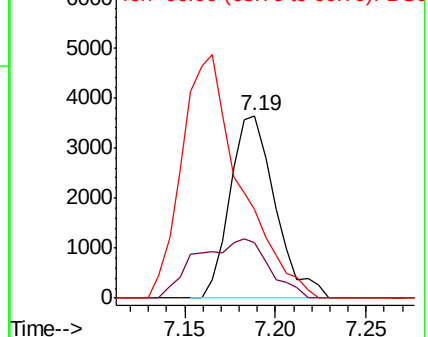
94 100

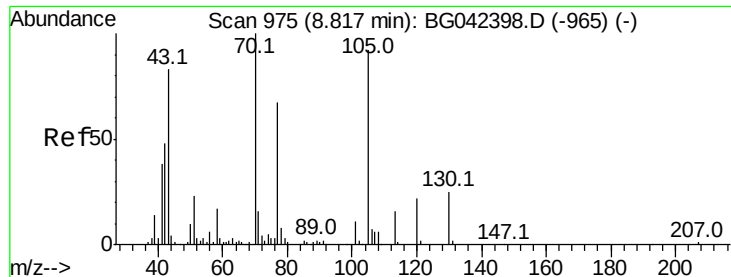
65 30.6 5.6 45.6

66 48.7 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

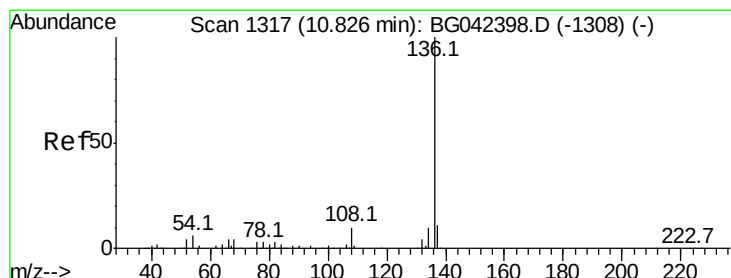
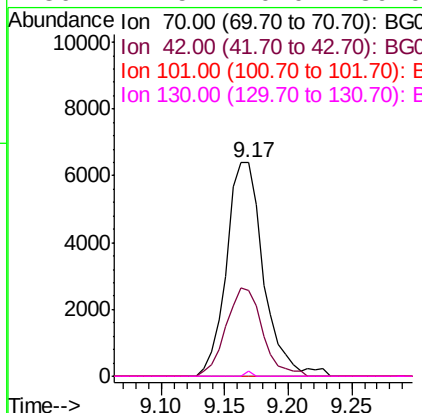
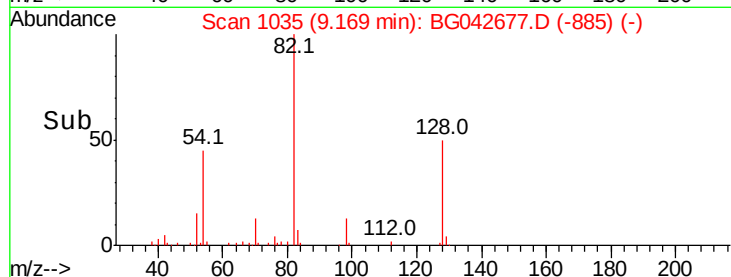
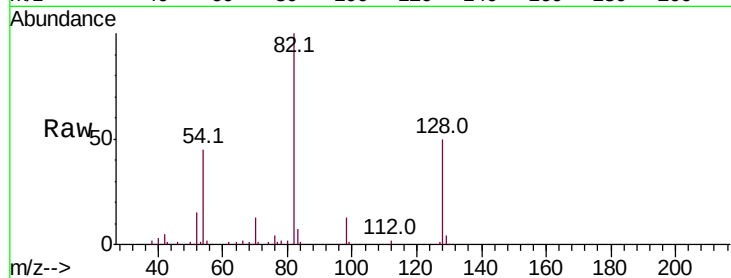




#19
n-Nitroso-di-n-propylamine
Concen: 10.052 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

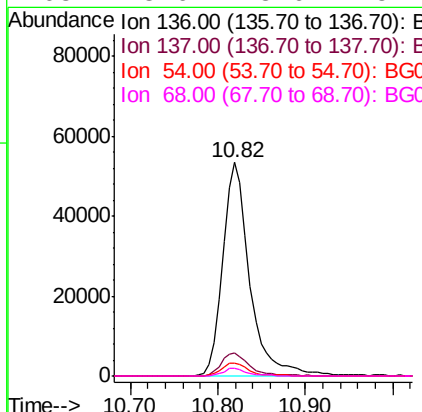
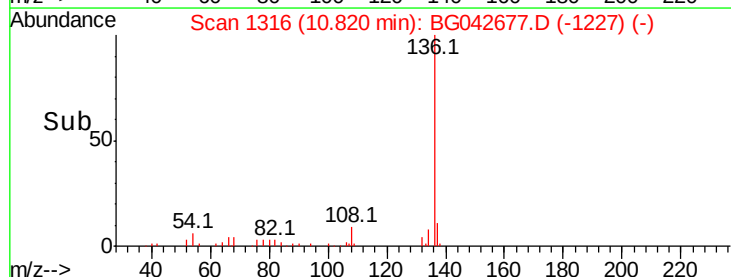
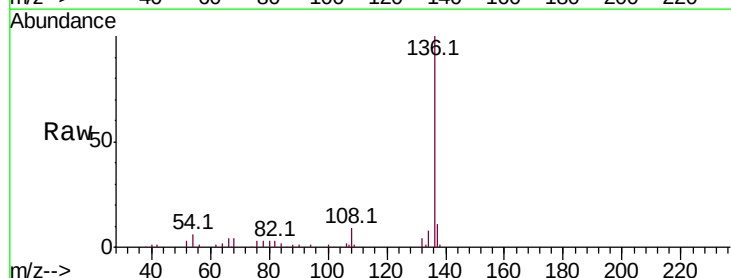
Instrument :
BNA_G
ClientSampleId :

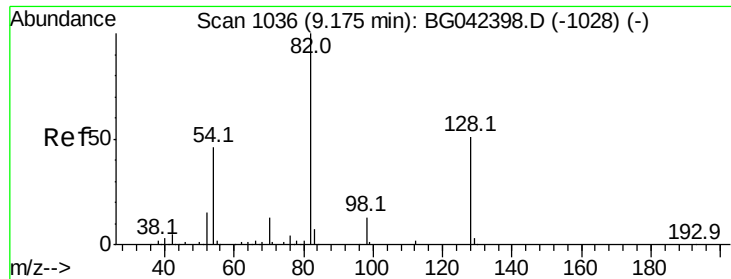
Tot Ion: 70 Resp: 12900
Ion Ratio Lower Upper
70 100
42 40.4 38.8 58.2
101 0.0 9.0 13.6#
130 2.5 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Tgt Ion:136 Resp: 113677
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.3 4.9 7.3
68 3.6 3.6 5.4

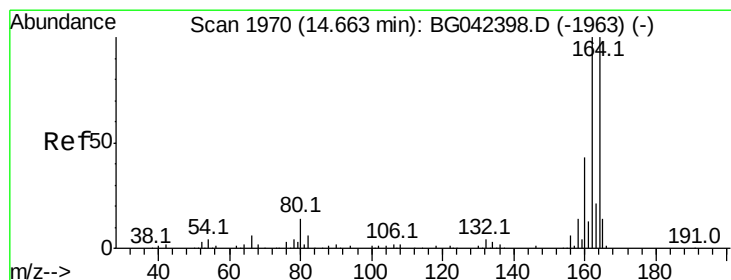
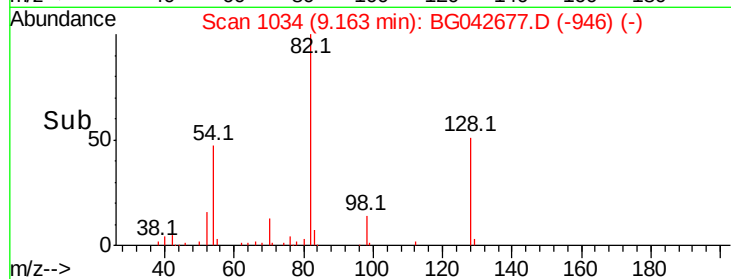
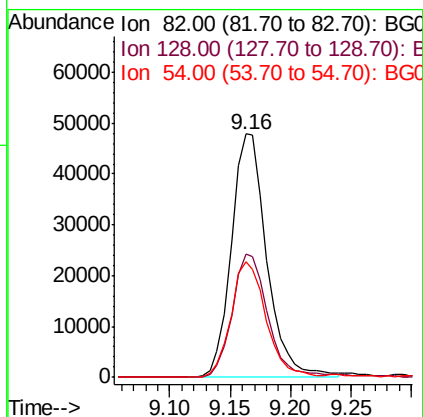
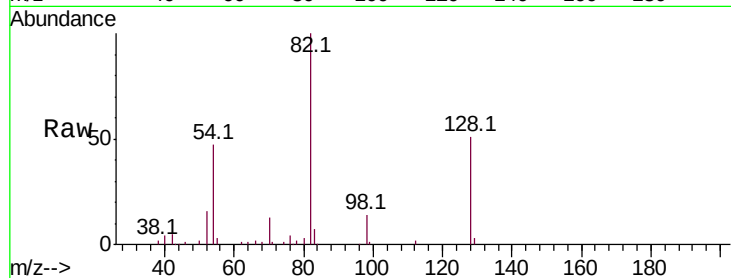




#23
Nitrobenzene-d5
Concen: 59.436 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

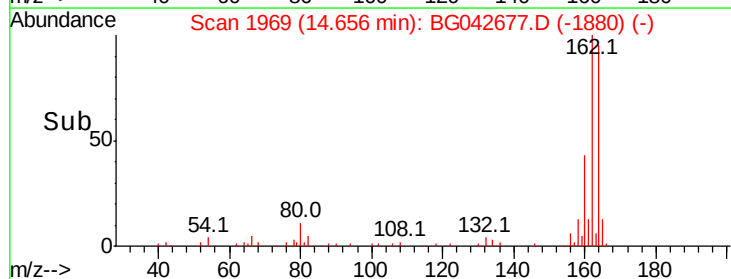
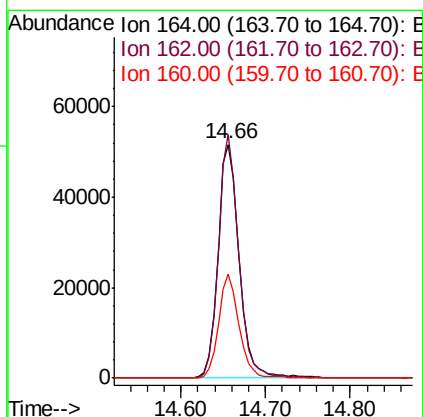
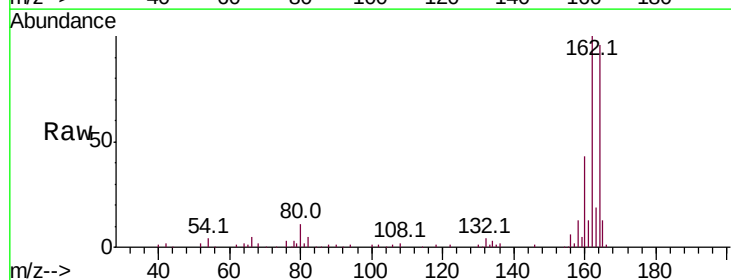
Instrument :
BNA_G
ClientSampleId :

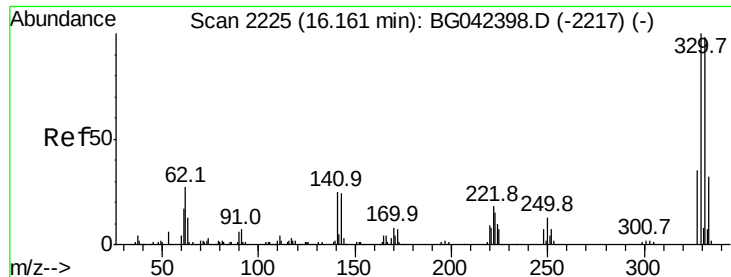
Tot Ion: 82 Resp: 97773
Ion Ratio Lower Upper
82 100
128 50.9 40.7 61.1
54 47.3 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Tgt Ion:164 Resp: 90434
Ion Ratio Lower Upper
164 100
162 104.0 79.9 119.9
160 44.4 34.3 51.5

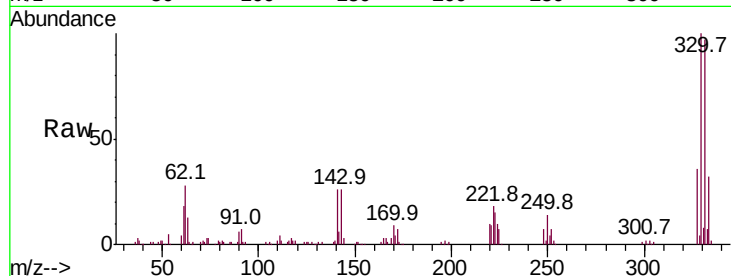




#42
 2,4,6-Tribromophenol
 Concen: 97.492 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042677.D
 Acq: 2 Sep 2019 1:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	25.9	21.4	32.0

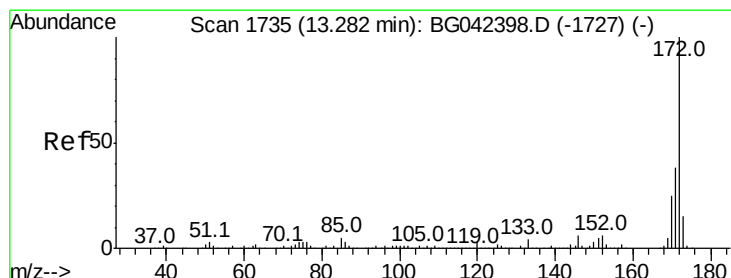
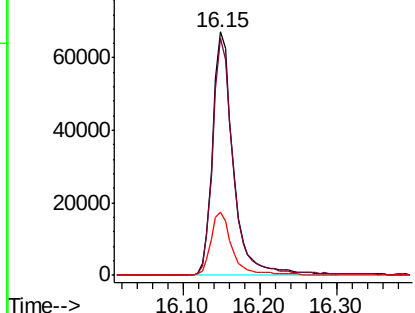
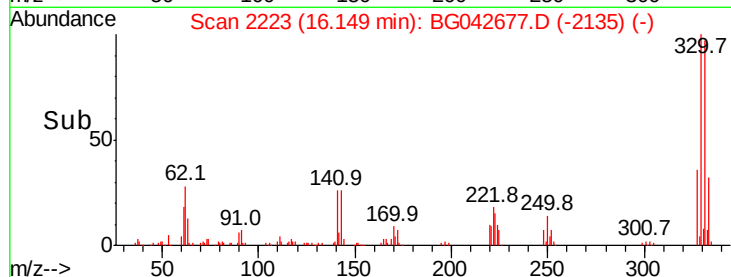


Abundance

Ion 329.80 (329.50 to 330.50): E

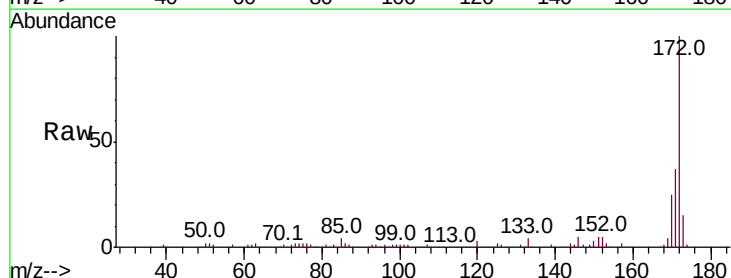
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.879 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042677.D
 Acq: 2 Sep 2019 1:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.6	20.2	30.2

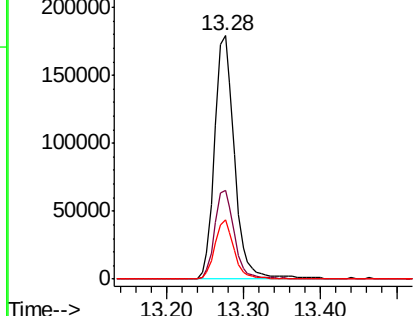
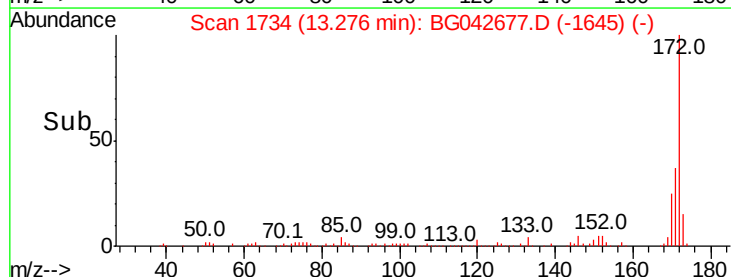


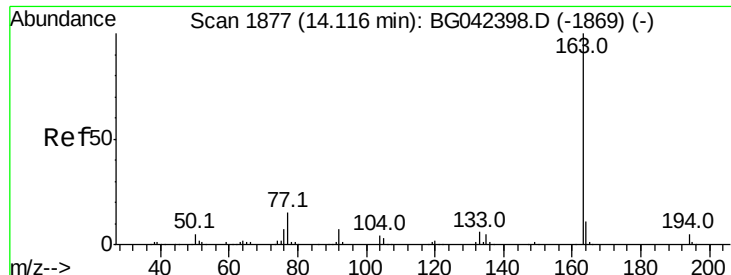
Abundance

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: 6.331 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

Instrument :

BNA_G

ClientSampled :

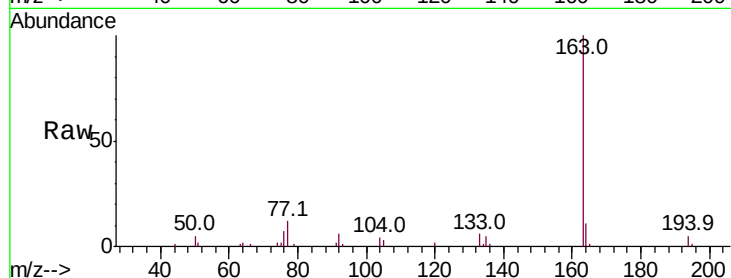
Tot Ion:163 Resp: 41311

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

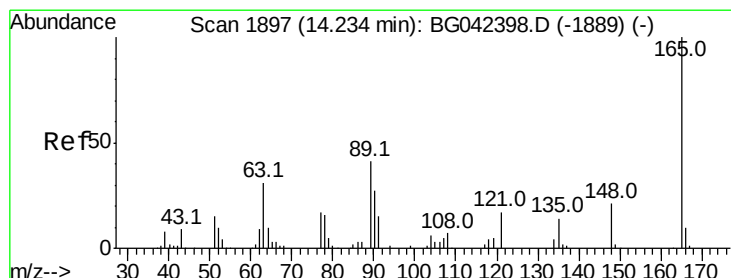
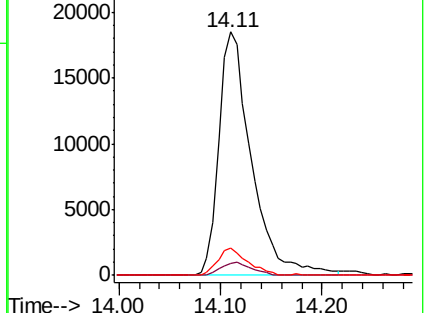
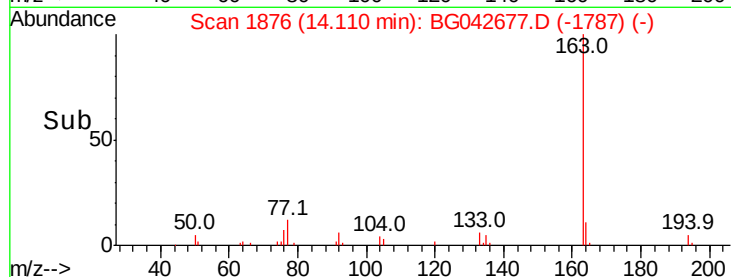
164 11.1 8.8 13.2



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



#51

2,6-Dinitrotoluene

Concen: 7.586 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.42 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

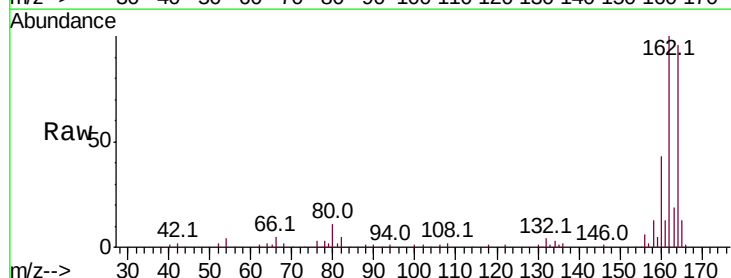
Tgt Ion:165 Resp: 11474

Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

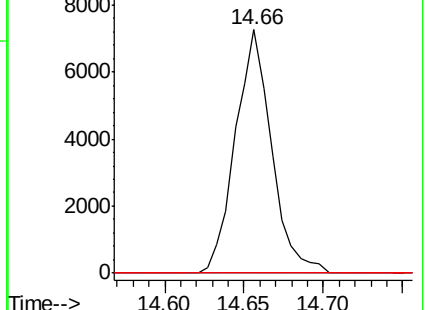
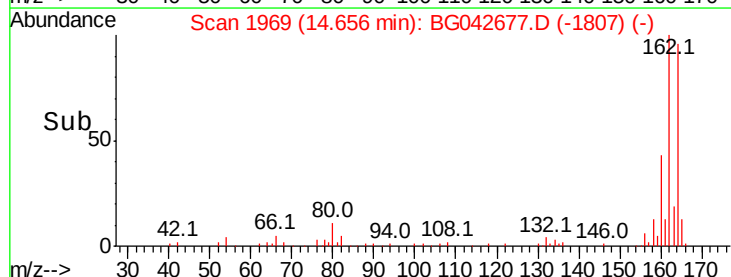
89 0.0 32.6 49.0#

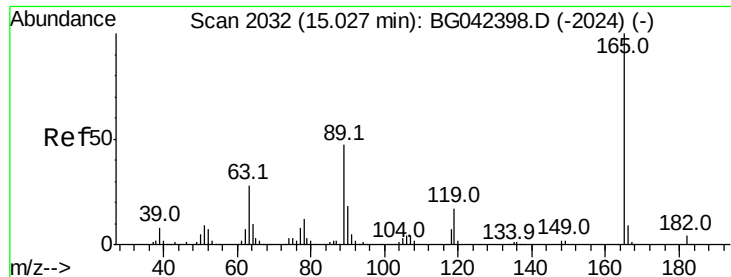


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

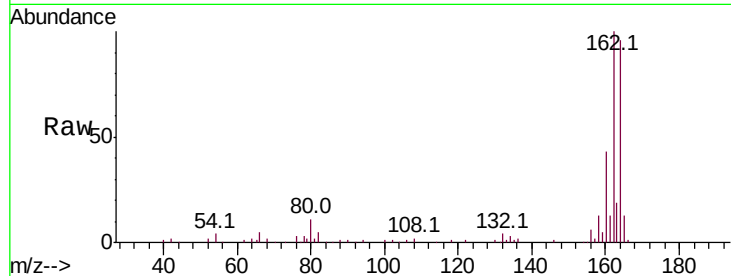




#57
 2,4-Dinitrotoluene
 Concen: 5.298 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042677.D
 Acq: 2 Sep 2019 1:03

Instrument :
 BNA_G
 ClientSampled :

Tot 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#



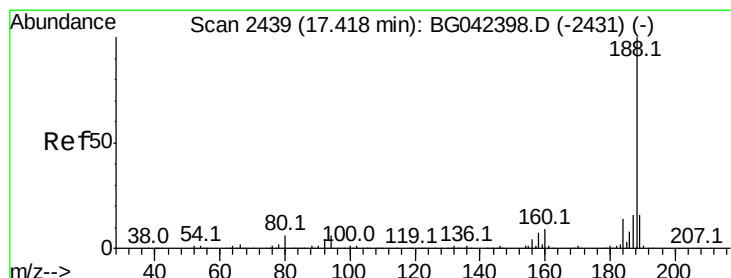
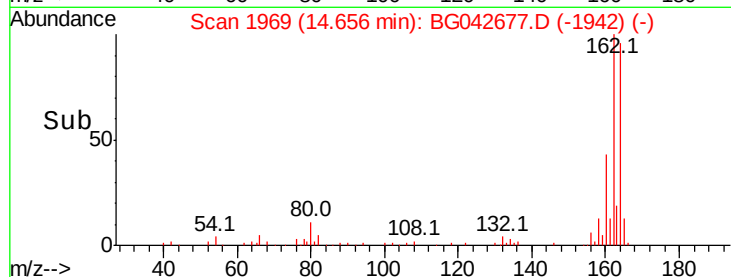
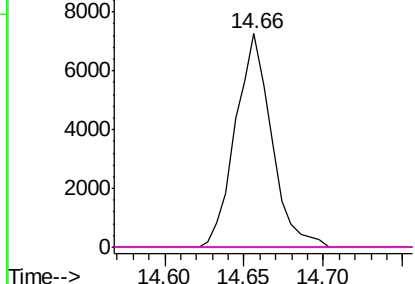
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

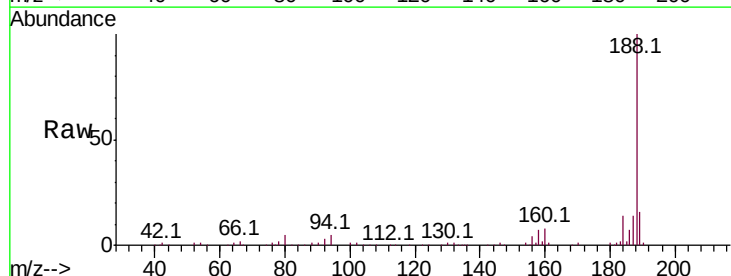
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042677.D
 Acq: 2 Sep 2019 1:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.5	6.7
80	5.3	4.9	7.3

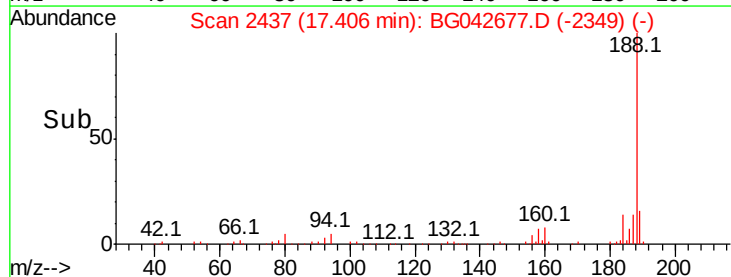
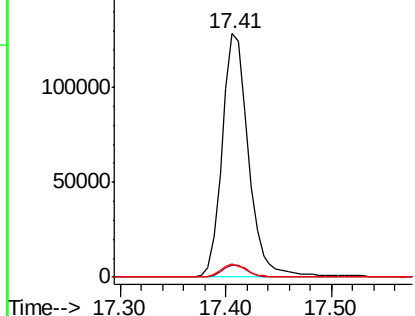


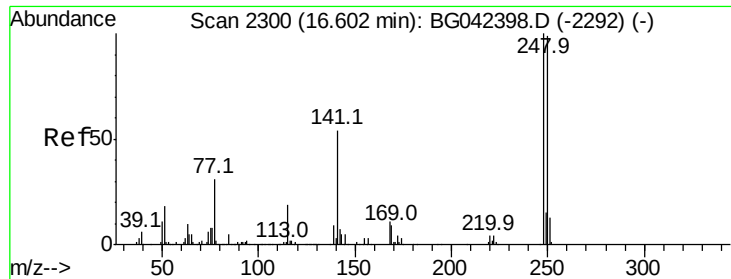
Abundance

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

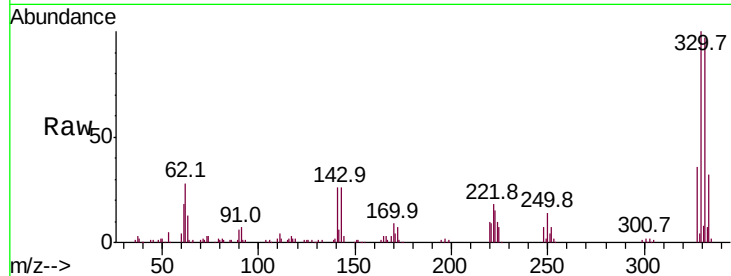




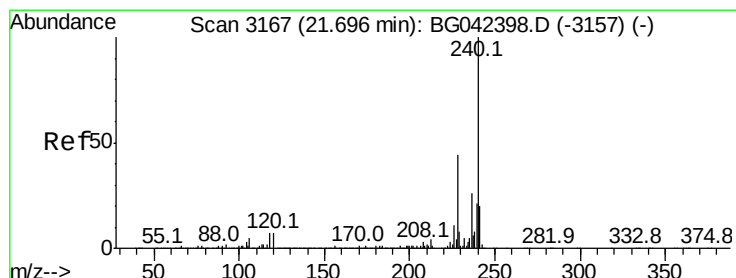
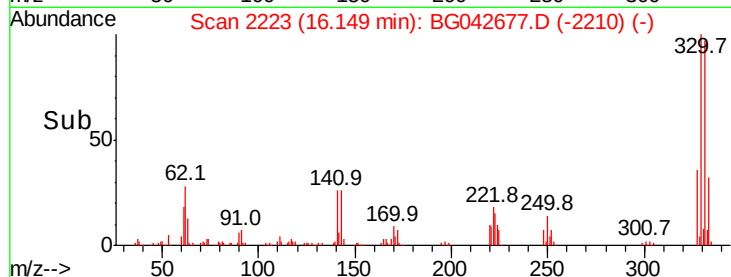
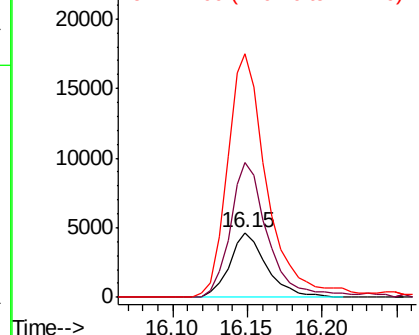
#67
 4-Bromophenyl-phenylether
 Concen: 2.851 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042677.D
 Acq: 2 Sep 2019 1:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 8079
 Ion Ratio Lower Upper
 248 100
 250 208.6 78.9 118.3#
 141 375.4 43.3 64.9#

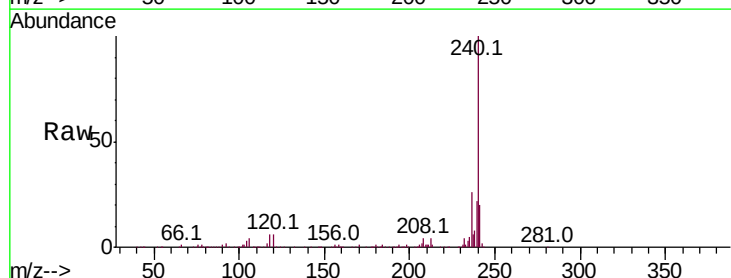


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

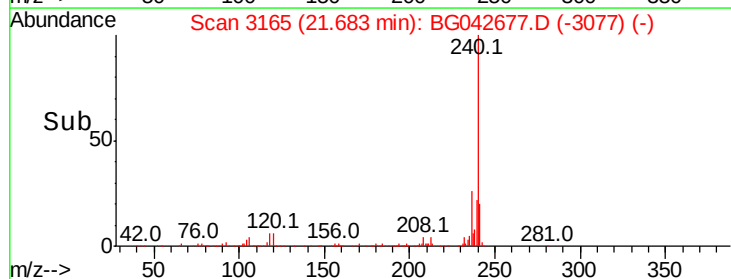
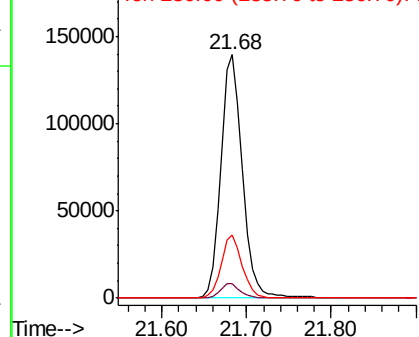


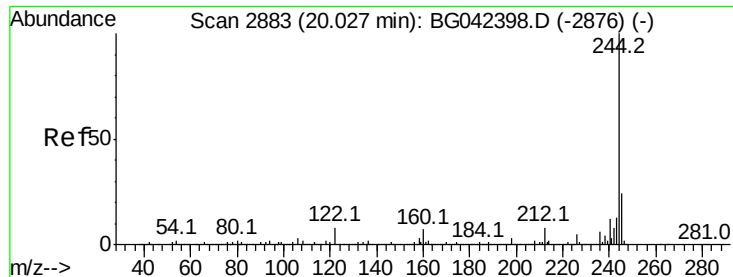
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042677.D
 Acq: 2 Sep 2019 1:03

Tgt Ion:240 Resp: 249353
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.7 8.5
 236 26.1 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: 59.870 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

Instrument :

BNA_G

ClientSampleId :

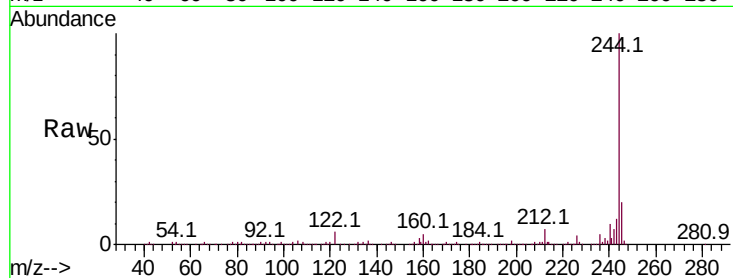
Tot Ion:244 Resp: 690538

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

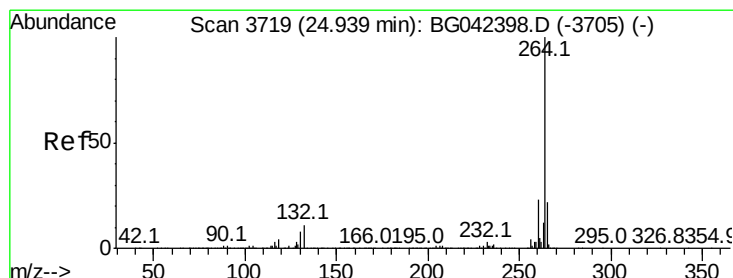
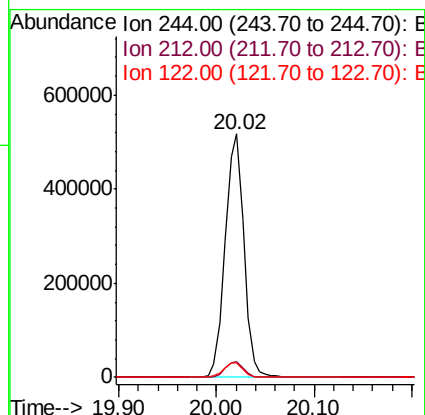
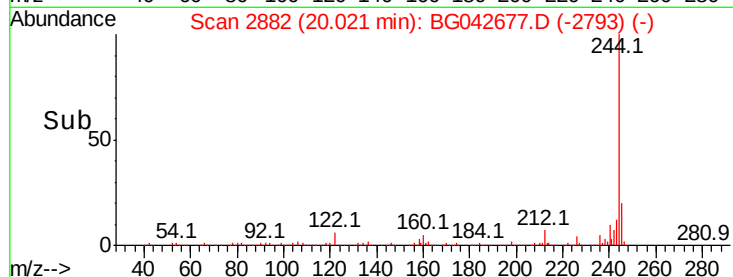
122 6.1 6.7 10.1#



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: BG042677.D

Acq: 2 Sep 2019 1:03

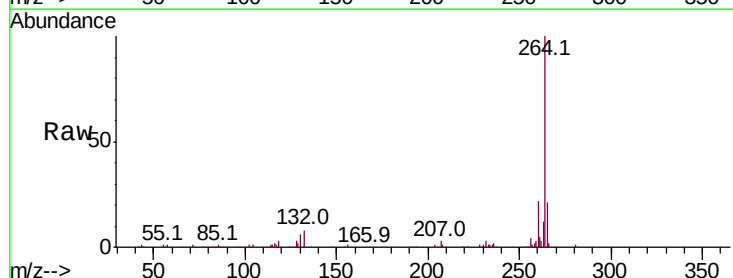
Tgt Ion:264 Resp: 292394

Ion Ratio Lower Upper

264 100

260 21.9 18.5 27.7

265 20.6 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

