

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
 Data File : BG042579.D
 Acq On : 30 Aug 2019 00:02
 Operator : HP/JU
 Sample : K4562-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-15-17

Quant Time: Aug 30 05:37:29 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

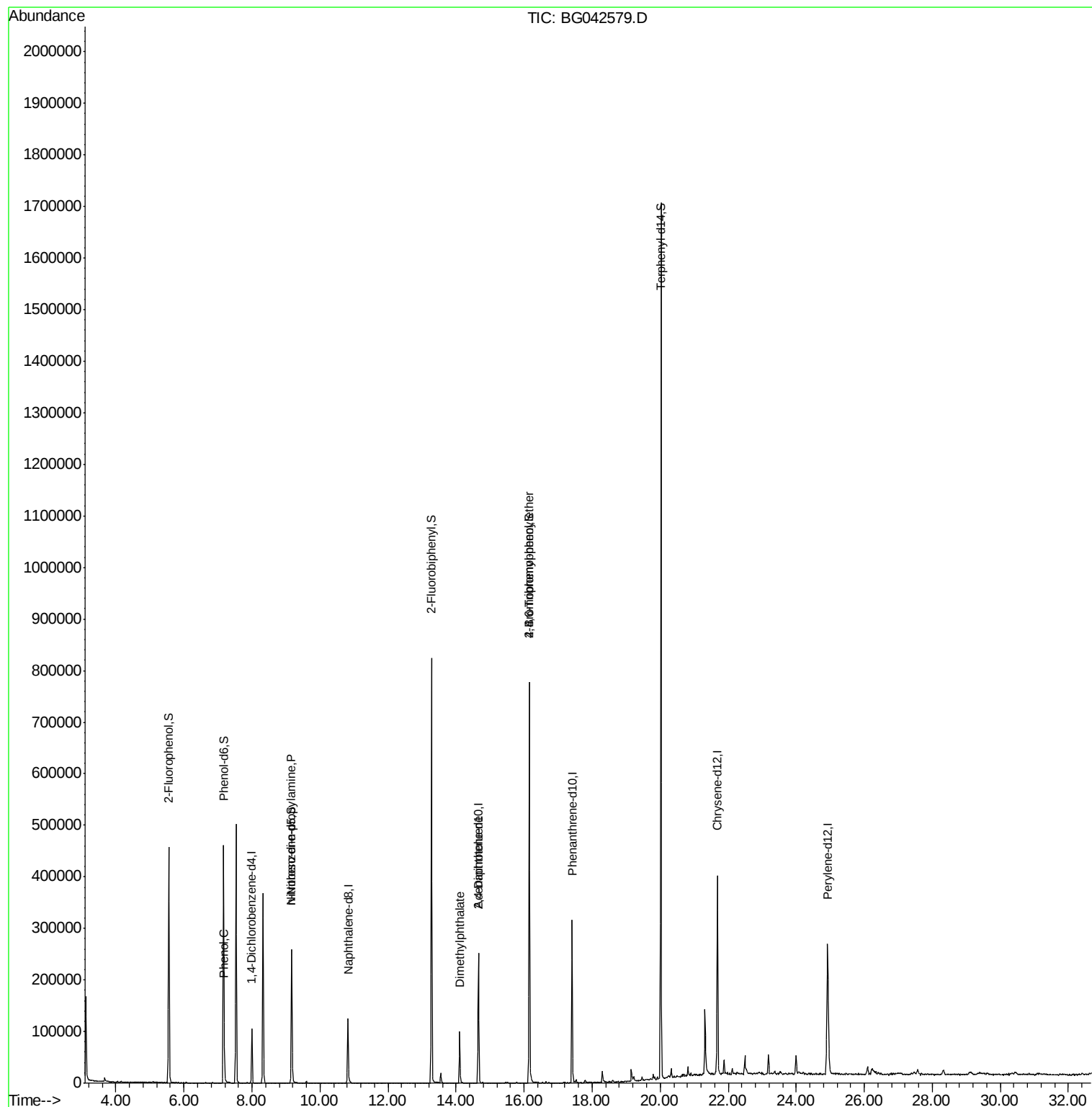
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34992	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	137216	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104156	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	236710	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	252887	20.00	ng	-0.01
87) Perylene-d12	24.92	264	301631	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	228619	132.32	ng	0.00
7) Phenol-d6	7.17	99	307517	131.77	ng	0.00
23) Nitrobenzene-d5	9.16	82	174394	87.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	196646	132.83	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	496003	80.54	ng	0.00
79) Terphenyl-d14	20.02	244	916459	78.35	ng	0.00
Target Compounds						
10) Phenol	7.19	94	18467	7.783	ng	93
19) n-Nitroso-di-n-propylamine	9.16	70	22721	15.027	ng	# 74
50) Dimethylphthalate	14.10	163	89574	11.919	ng	98
57) 2,4-Dinitrotoluene	14.66	165	13193	5.289	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13387	4.459	ng	# 1

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

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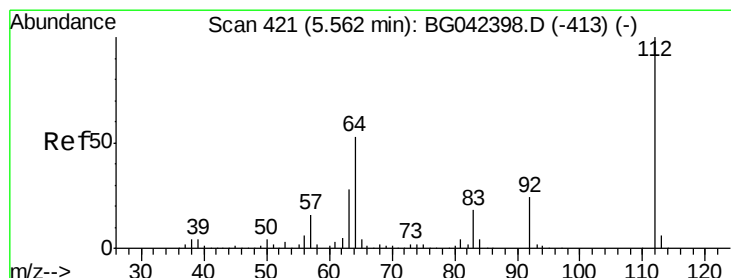
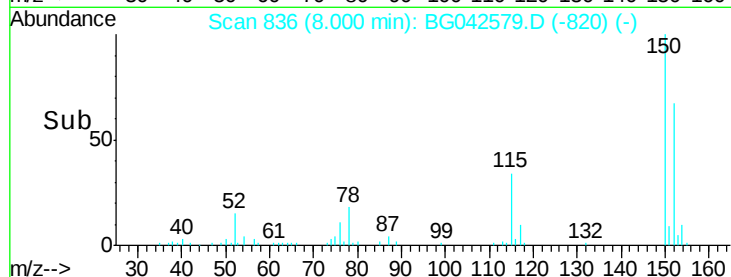
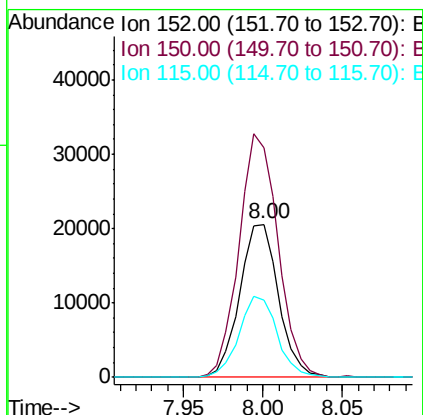
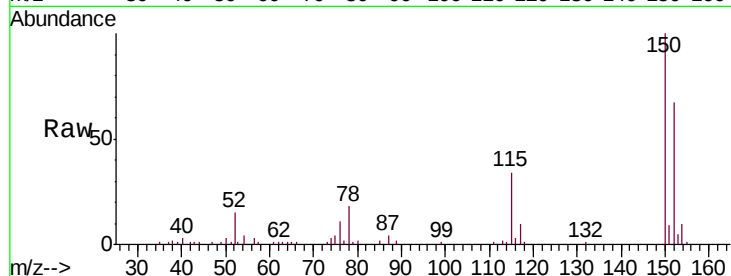


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042579.D
Acq: 30 Aug 2019 00:02

Instrument :
BNA_G
ClientSampled :
SB-02-15-17

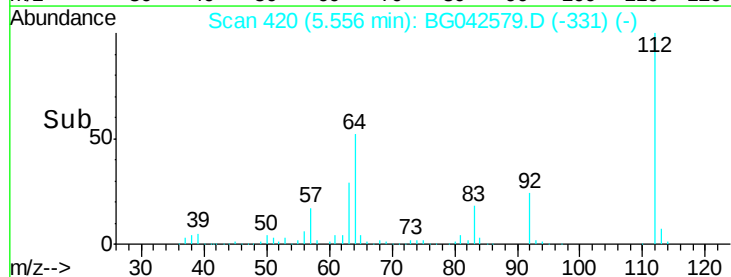
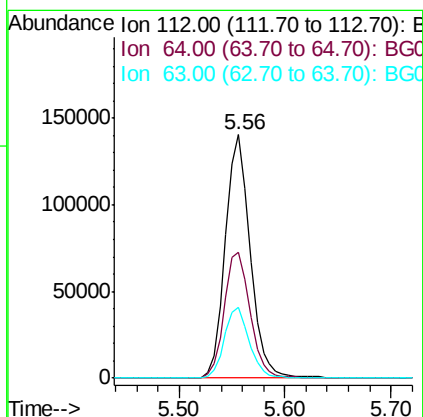
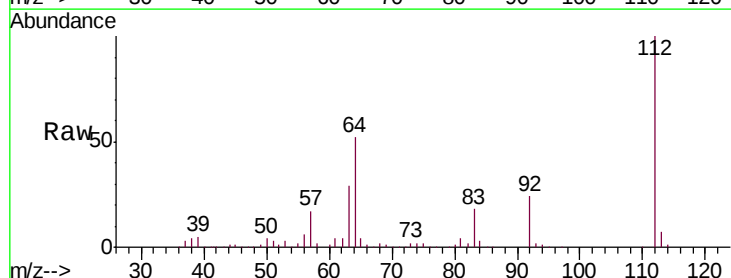
Tgt Ion:152 Resp: 34992
Ion Ratio Lower Upper
152 100
150 150.2 125.4 188.0
115 50.4 38.5 57.7



#5

2-Fluorophenol
Concen: 132.322 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042579.D
Acq: 30 Aug 2019 00:02

Tgt Ion:112 Resp: 228619
Ion Ratio Lower Upper
112 100
64 51.8 42.8 64.2
63 29.3 22.7 34.1





#7

Phenol-d6

Concen: 131.767 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042579.D

Acq: 30 Aug 2019 00:02

Instrument :

BNA_G

ClientSampleId :

SB-02-15-17

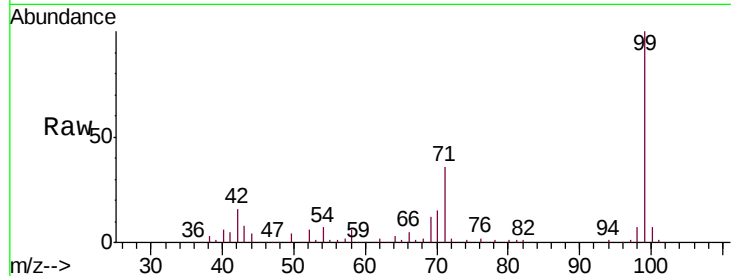
Tgt Ion: 99 Resp: 307517

Ion Ratio Lower Upper

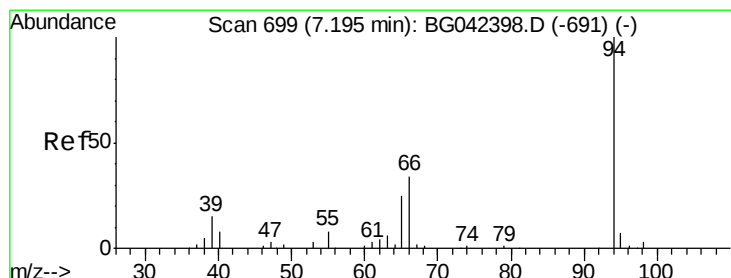
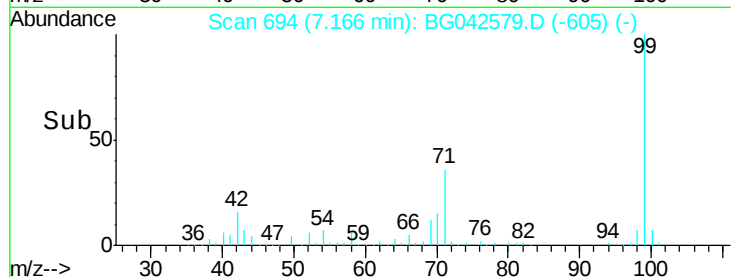
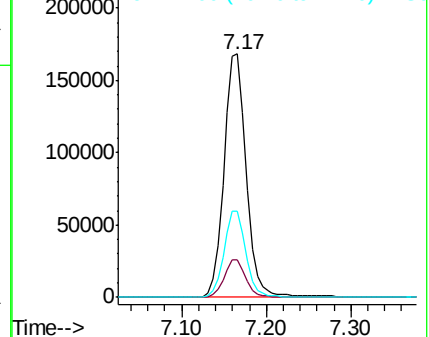
99 100

42 15.6 12.0 18.0

71 35.5 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: 7.783 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042579.D

Acq: 30 Aug 2019 00:02

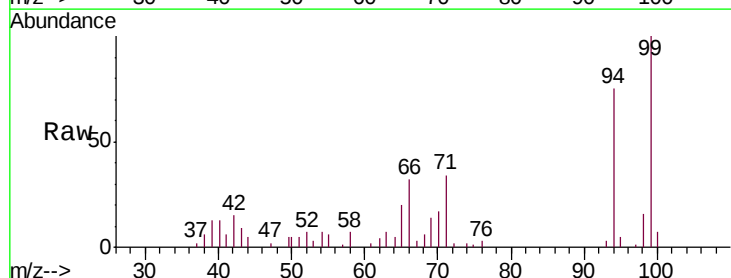
Tgt Ion: 94 Resp: 18467

Ion Ratio Lower Upper

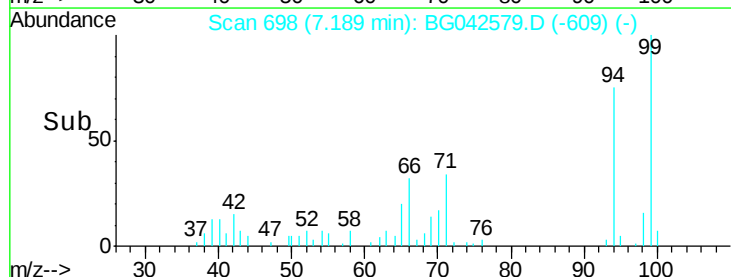
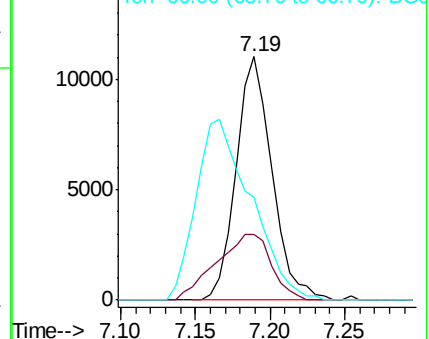
94 100

65 27.0 5.6 45.6

66 42.1 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

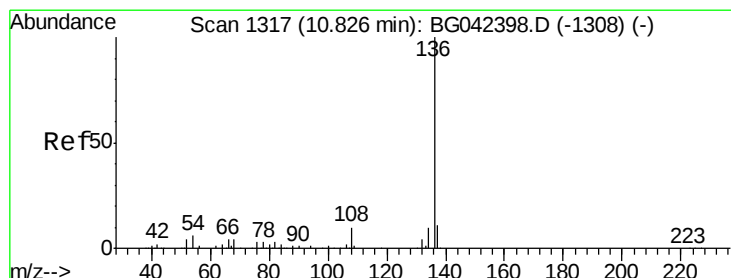
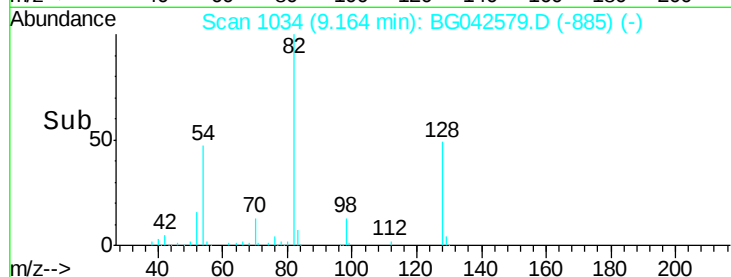
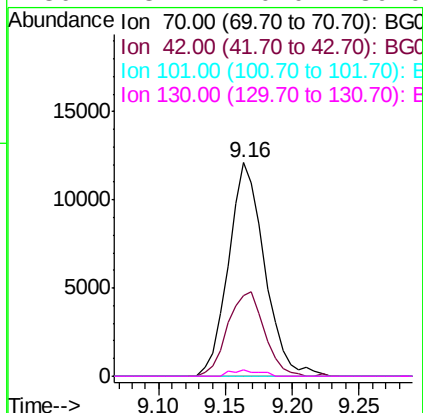
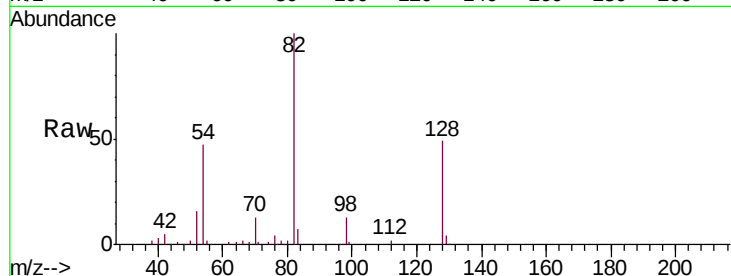




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.027 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.35 min
 Lab File: BG042579.D
 Acq: 30 Aug 2019 00:02

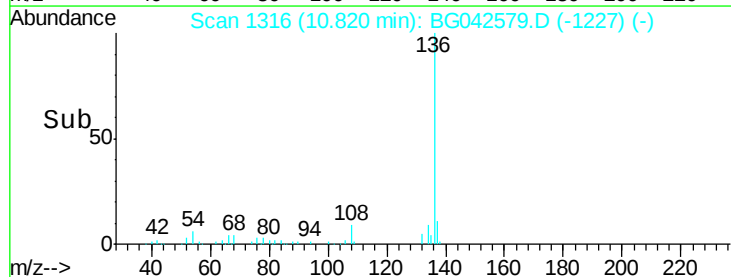
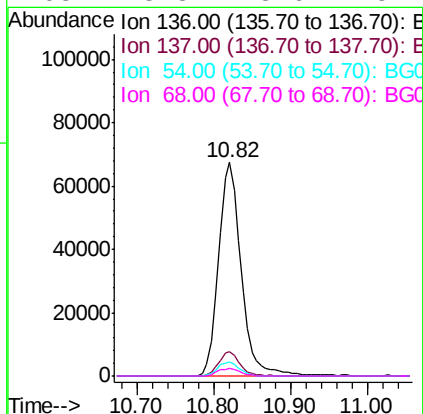
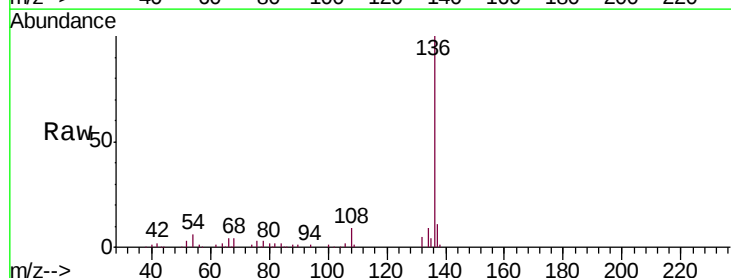
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-15-17

Tgt Ion: 70 Resp: 22721
 Ion Ratio Lower Upper
 70 100
 42 37.8 38.8 58.2#
 101 0.0 9.0 13.6#
 130 3.1 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: BG042579.D
 Acq: 30 Aug 2019 00:02

Tgt Ion: 136 Resp: 137216
 Ion Ratio Lower Upper
 136 100
 137 11.3 8.7 13.1
 54 6.4 4.9 7.3
 68 3.8 3.6 5.4

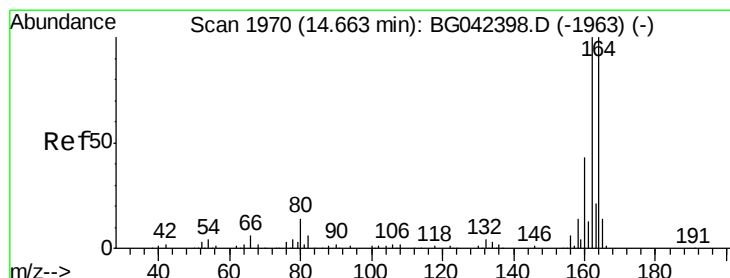
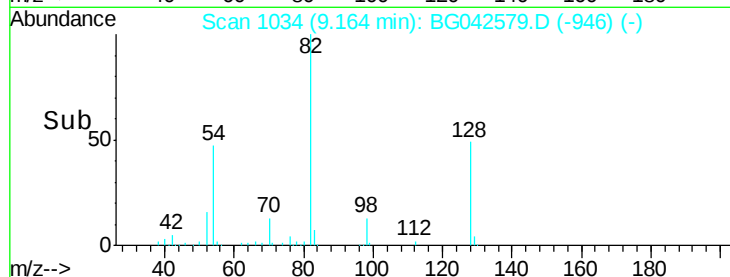
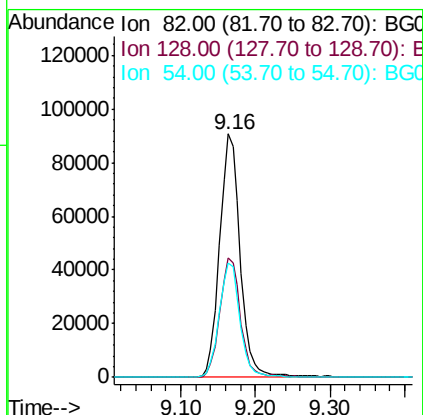
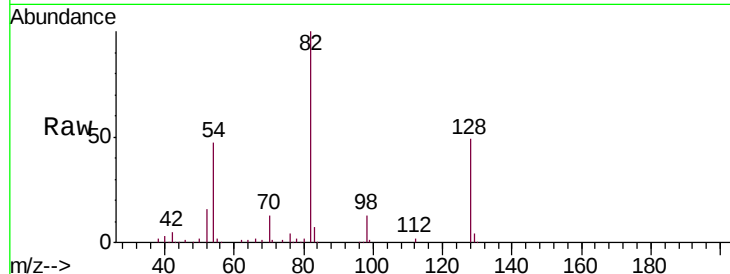




#23
 Nitrobenzene-d5
 Concen: 87.827 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042579.D
 Acq: 30 Aug 2019 00:02

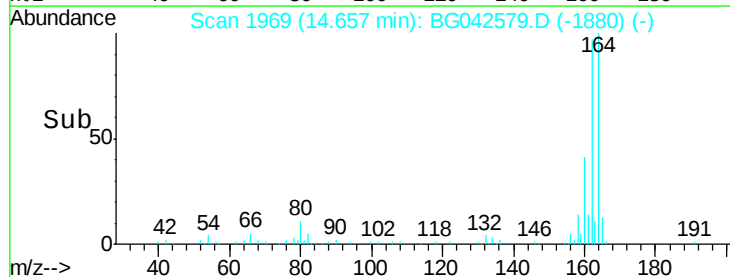
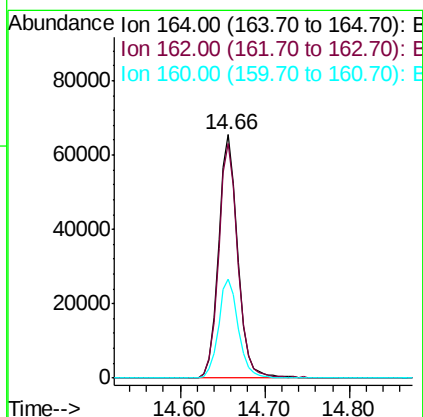
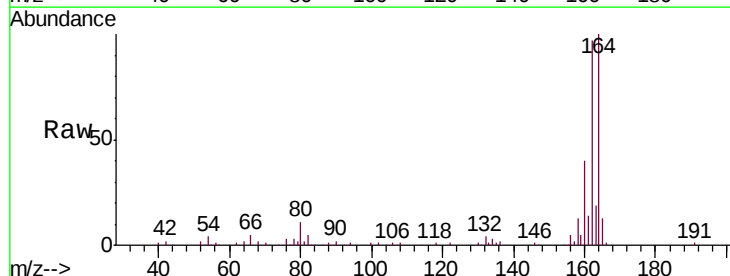
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-15-17

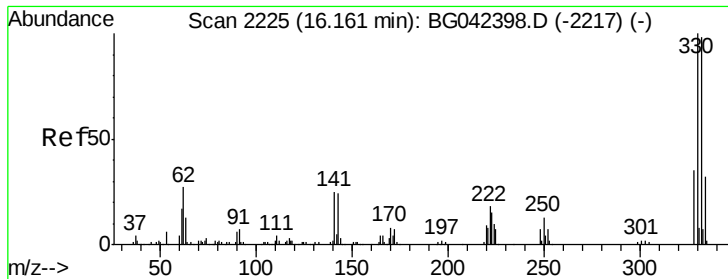
Tgt Ion: 82 Resp: 174394
 Ion Ratio Lower Upper
 82 100
 128 49.0 40.7 61.1
 54 47.1 36.3 54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042579.D
 Acq: 30 Aug 2019 00:02

Tgt Ion: 164 Resp: 104156
 Ion Ratio Lower Upper
 164 100
 162 96.6 79.9 119.9
 160 40.4 34.3 51.5

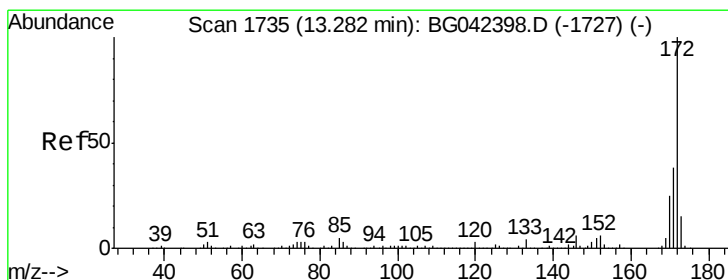
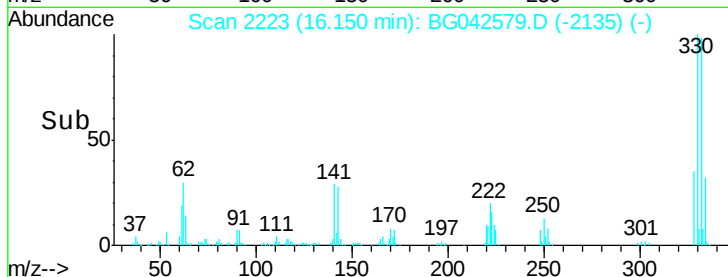
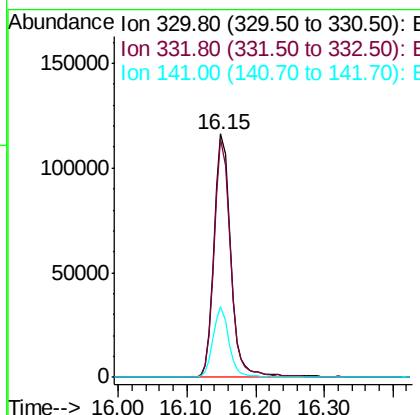
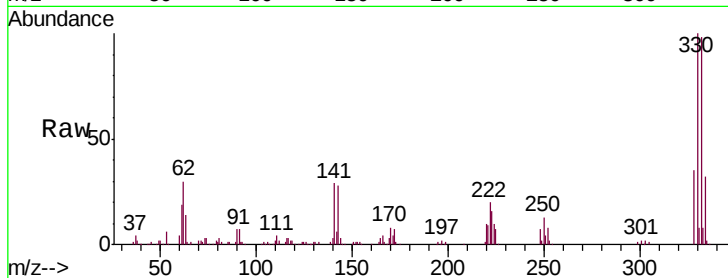




#42
 2,4,6-Tribromophenol
 Concen: 132.832 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042579.D
 Acq: 30 Aug 2019 00:02

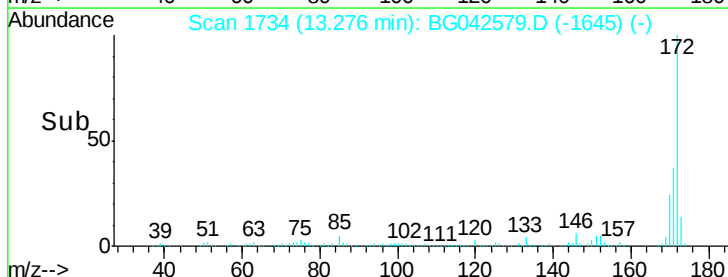
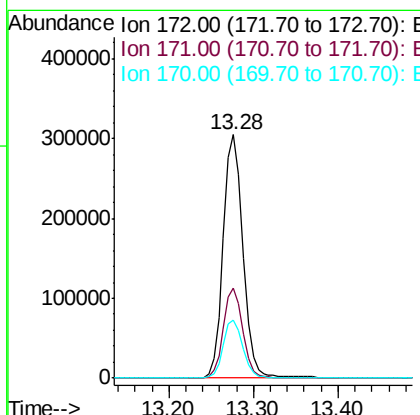
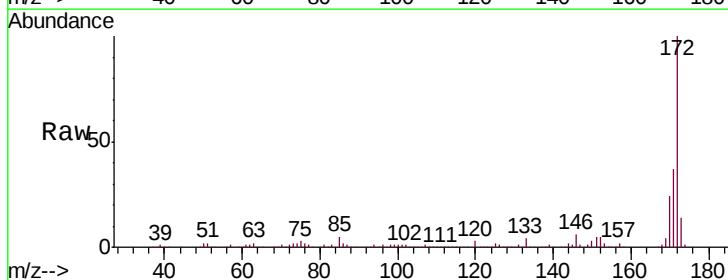
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-15-17

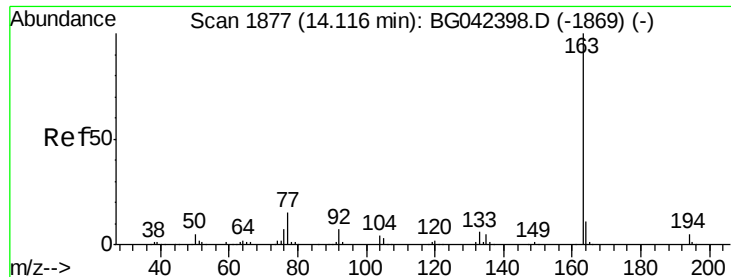
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	27.6	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 80.541 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042579.D
 Acq: 30 Aug 2019 00:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	23.6	20.2	30.2





#50

Dimethylphthalate

Concen: 11.919 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042579.D

Acq: 30 Aug 2019 00:02

Instrument :

BNA_G

ClientSampleId :

SB-02-15-17

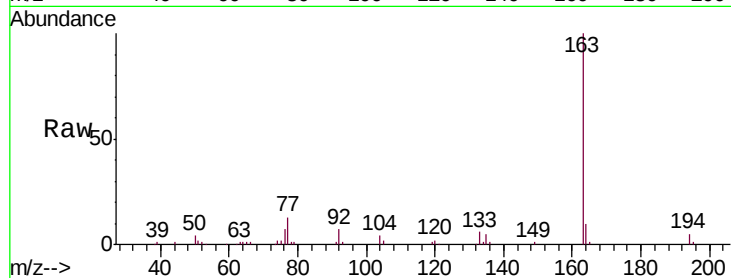
Tgt Ion:163 Resp: 89574

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

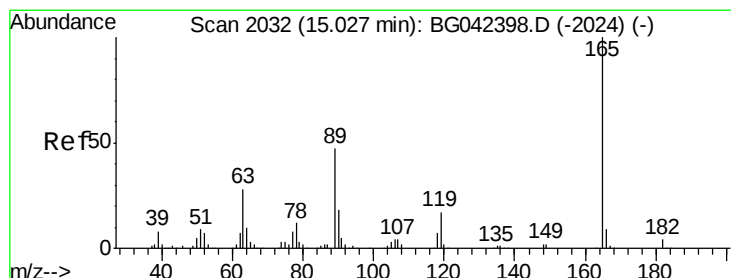
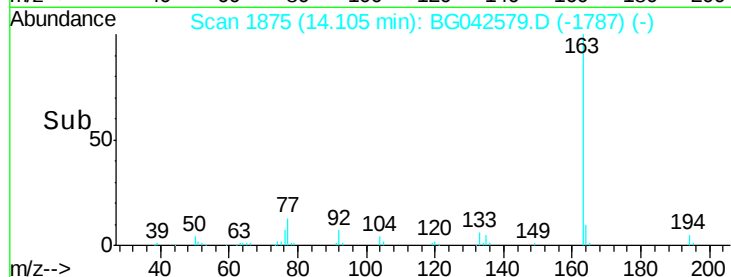
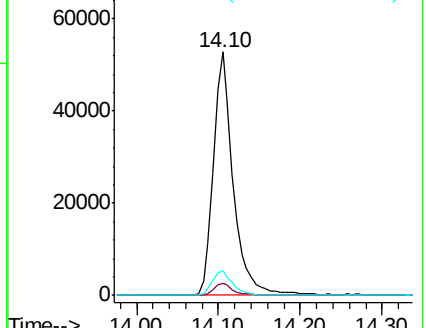
164 10.0 8.8 13.2



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: 5.289 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042579.D

Acq: 30 Aug 2019 00:02

Tgt Ion:165 Resp: 13193

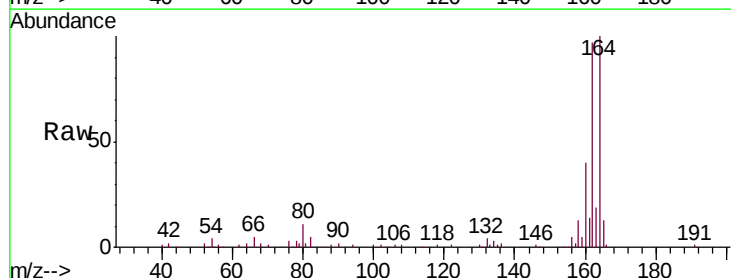
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

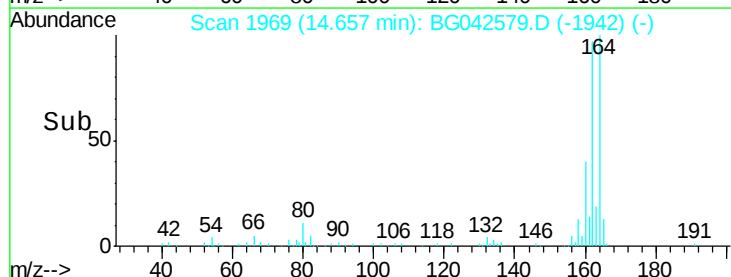
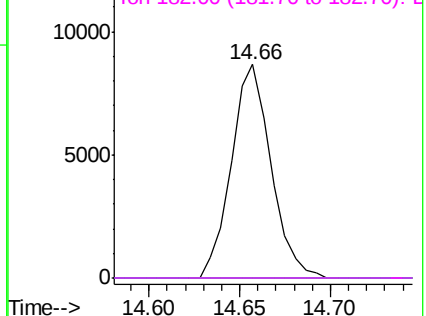


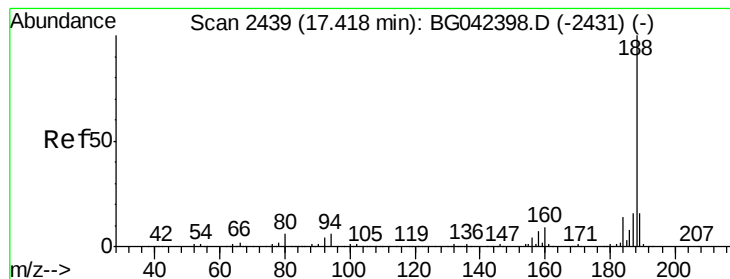
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG042579.D

Acq: 30 Aug 2019 00:02

Instrument :

BNA_G

ClientSampleId :

SB-02-15-17

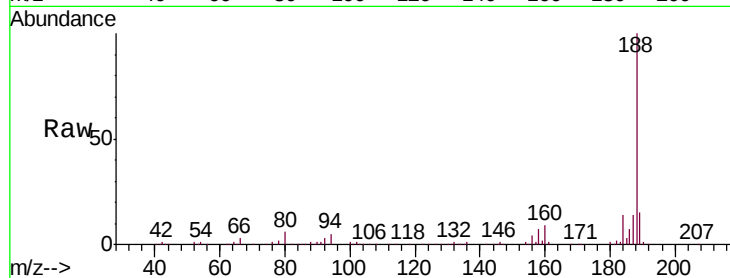
Tgt Ion:188 Resp: 236710

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

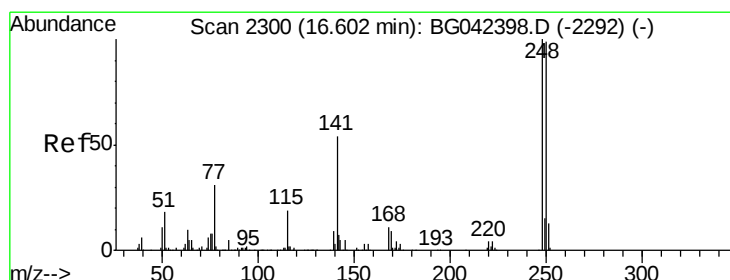
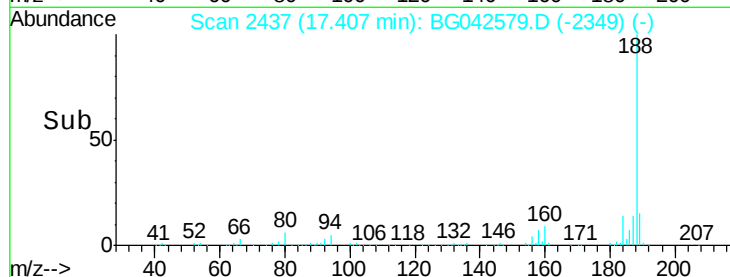
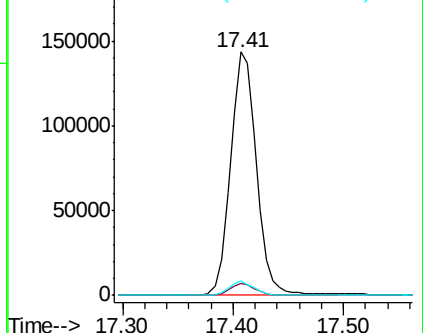
80 5.8 4.9 7.3



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: 4.459 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042579.D

Acq: 30 Aug 2019 00:02

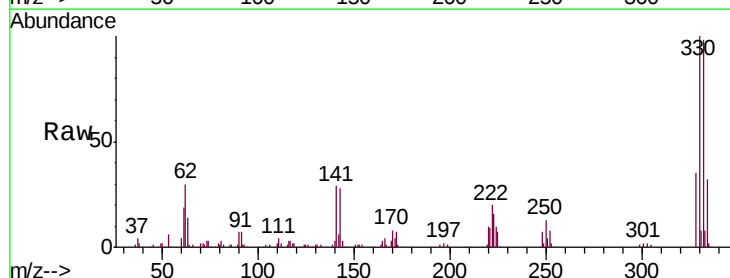
Tgt Ion:248 Resp: 13387

Ion Ratio Lower Upper

248 100

250 179.2 78.9 118.3#

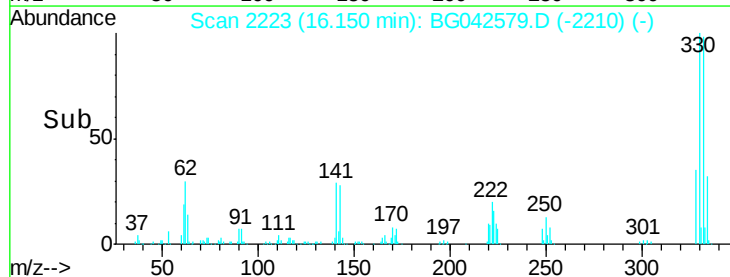
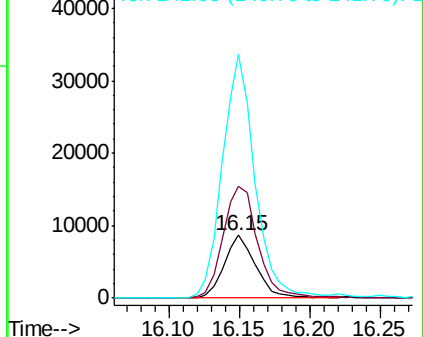
141 389.4 43.3 64.9#

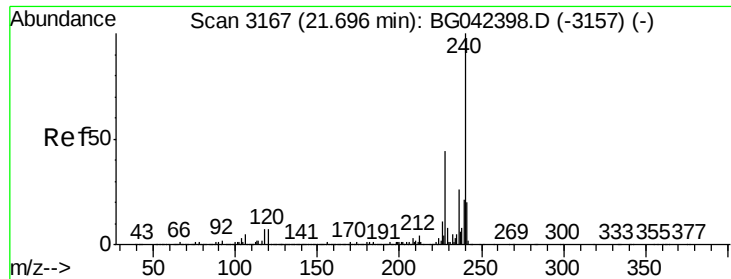


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG042579.D

Acq: 30 Aug 2019 00:02

Instrument :

BNA_G

ClientSampleId :

SB-02-15-17

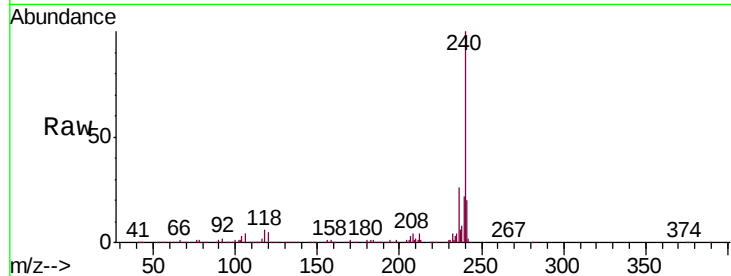
Tgt Ion:240 Resp: 252887

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

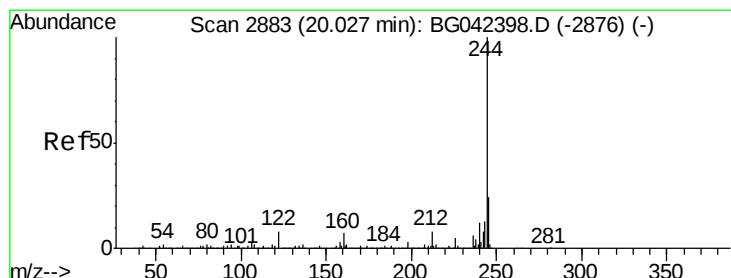
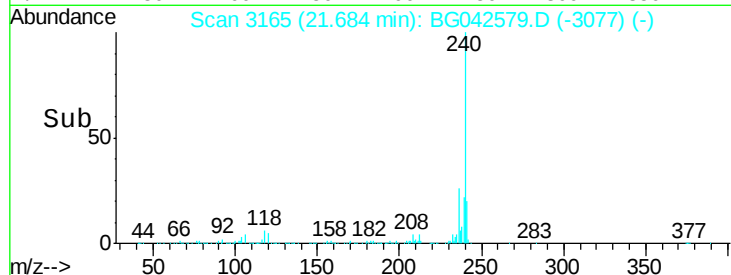
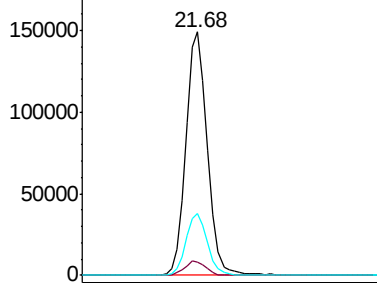
236 25.6 21.0 31.4



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: 78.348 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042579.D

Acq: 30 Aug 2019 00:02

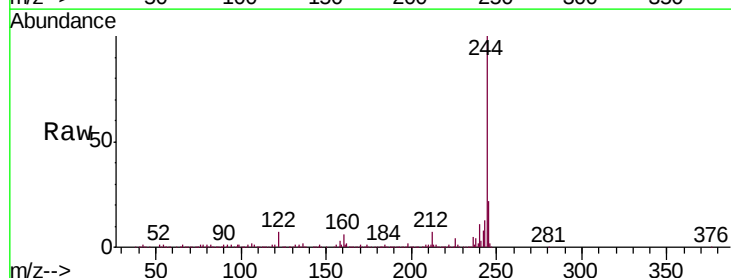
Tgt Ion:244 Resp: 916459

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

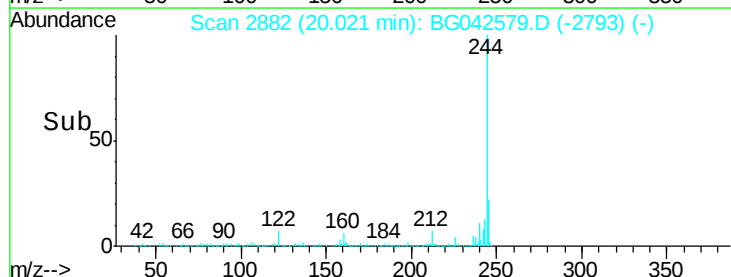
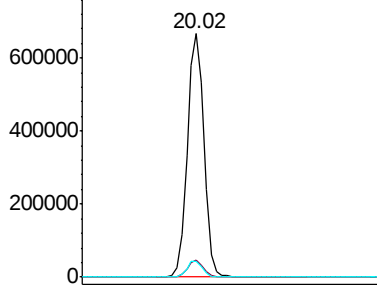
122 6.7 6.7 10.1

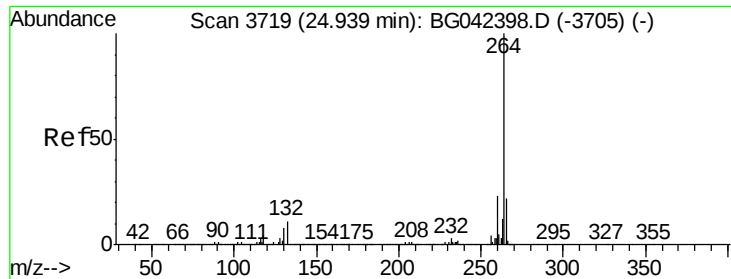


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

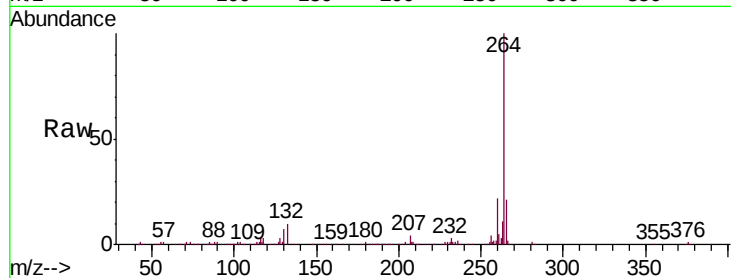




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042579.D
Acq: 30 Aug 2019 00:02

Instrument :
BNA_G
ClientSampleId :
SB-02-15-17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	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

