

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 06:20:25 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

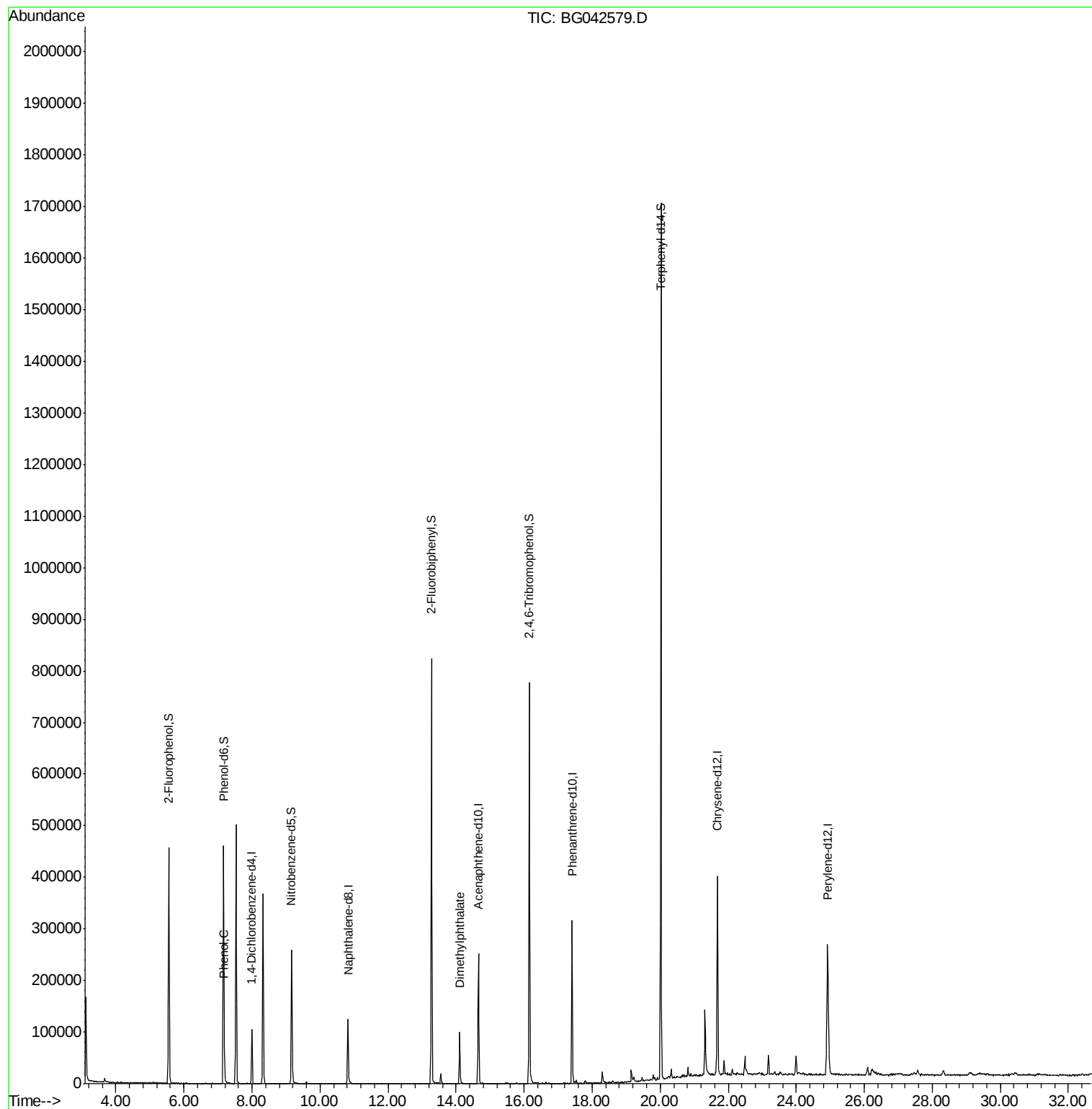
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34992	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	137216	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104156	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	236710	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	252887	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
50) Dimethylphthalate	14.10	163	89574	11.919	ng	98

(#) = 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

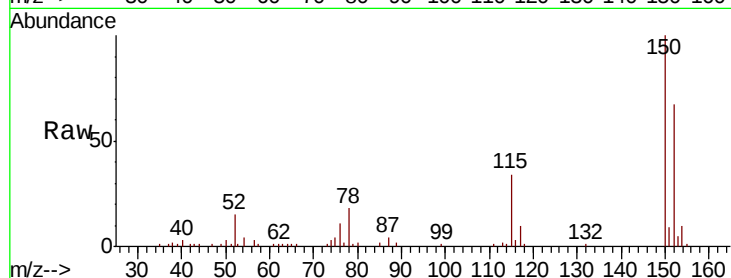
Tot Ion:152 Resp: 34992

Ion Ratio Lower Upper

152 100

150 150.2 125.4 188.0

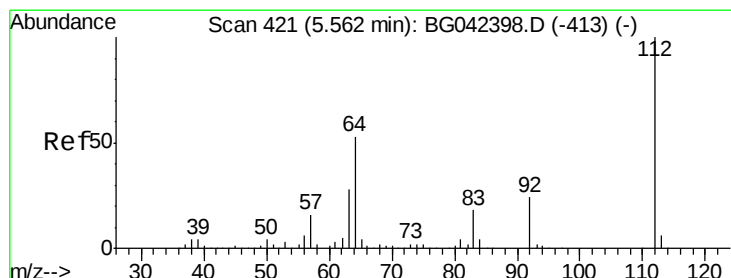
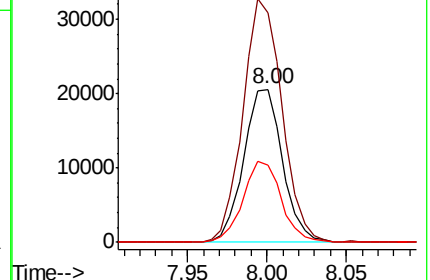
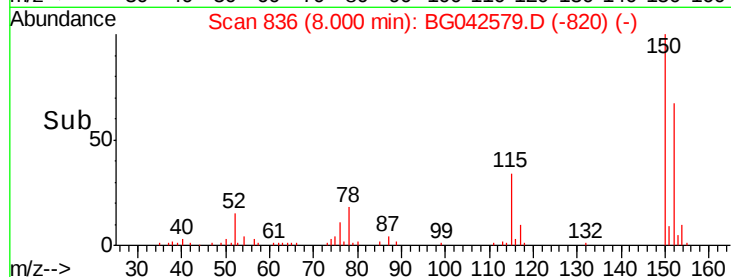
115 50.4 38.5 57.7



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: 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

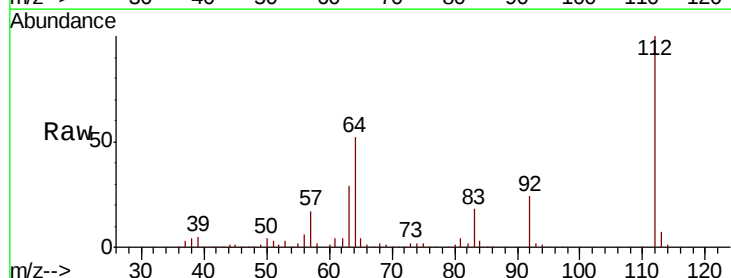
Tgt Ion:112 Resp: 228619

Ion Ratio Lower Upper

112 100

64 51.8 42.8 64.2

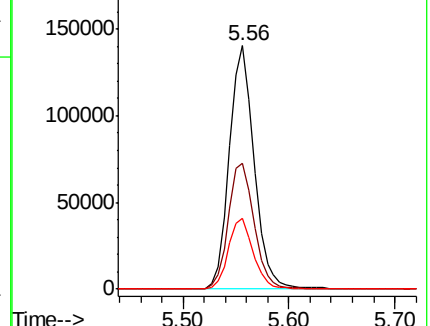
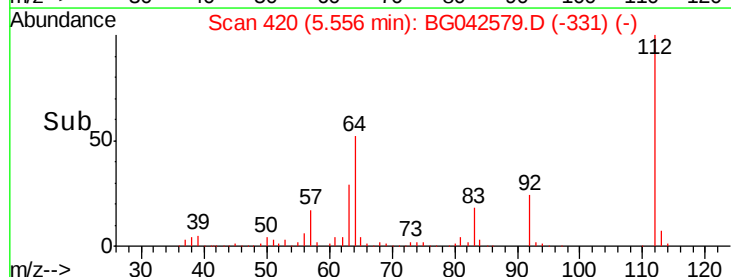
63 29.3 22.7 34.1



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: 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

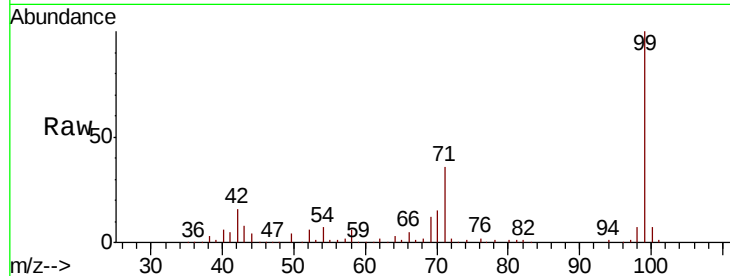
Tot Ion: 99 Resp: 307517

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.0	18.0
71	35.5	26.3	39.5

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

7.17

200000

150000

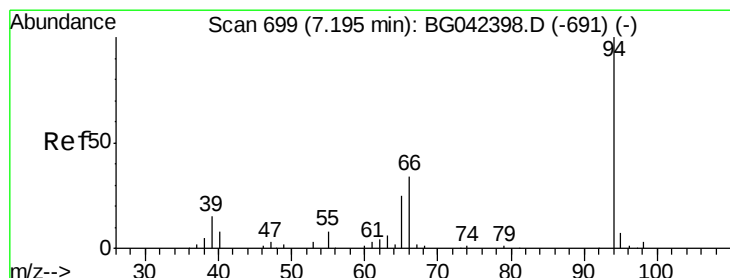
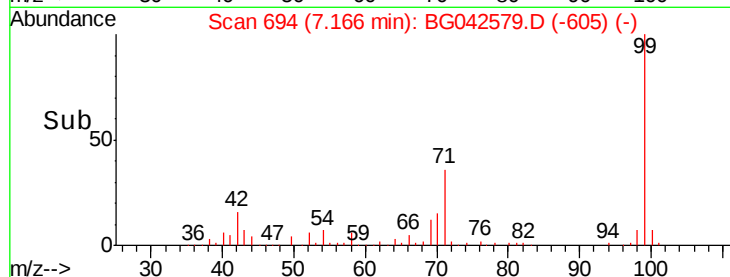
100000

50000

0

7.10 7.20 7.30

Time-->



#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

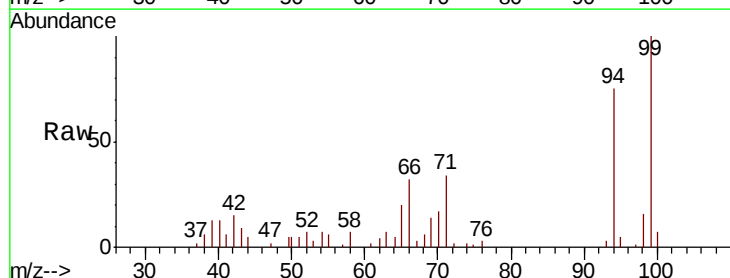
Tgt Ion: 94 Resp: 18467

Ion	Ratio	Lower	Upper
94	100		
65	27.0	5.6	45.6
66	42.1	16.0	56.0

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

15000

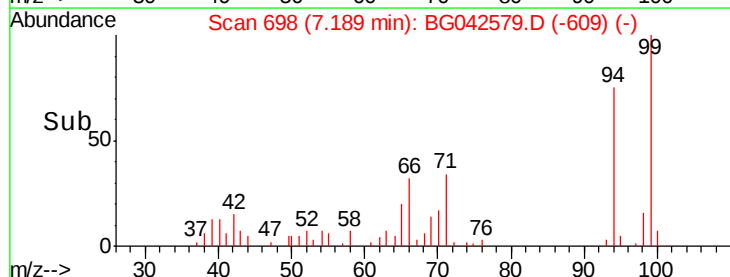
10000

5000

0

7.10 7.15 7.20 7.25

Time-->

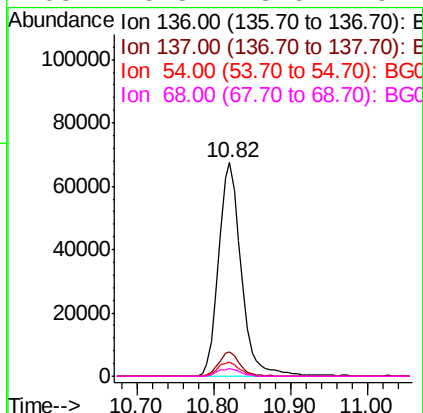
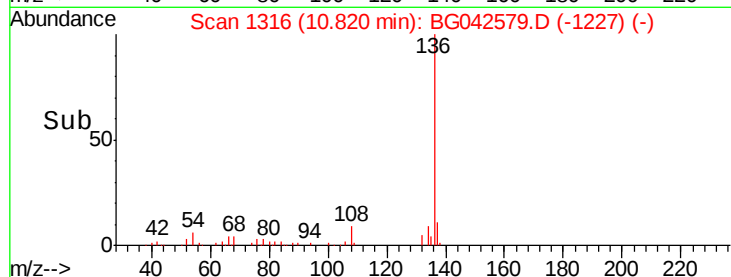
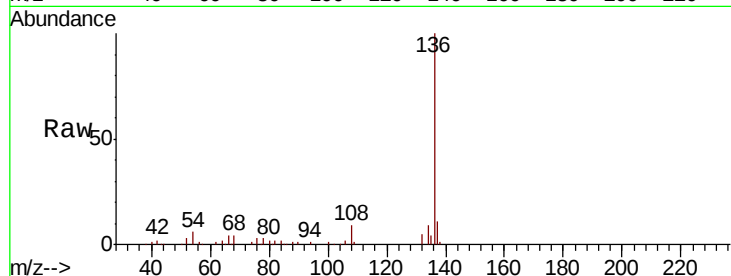




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042579.D
Acq: 30 Aug 2019 00:02

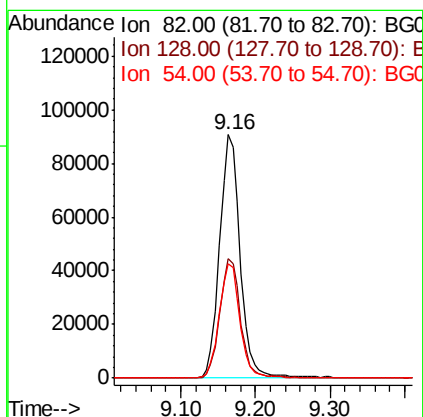
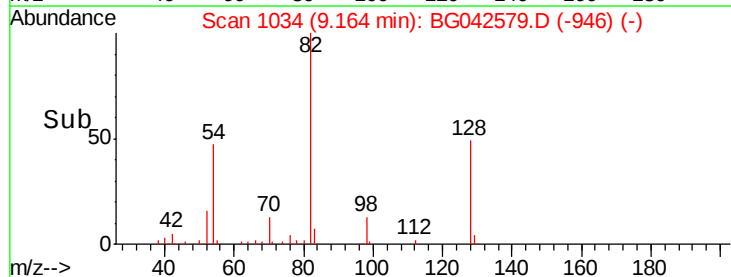
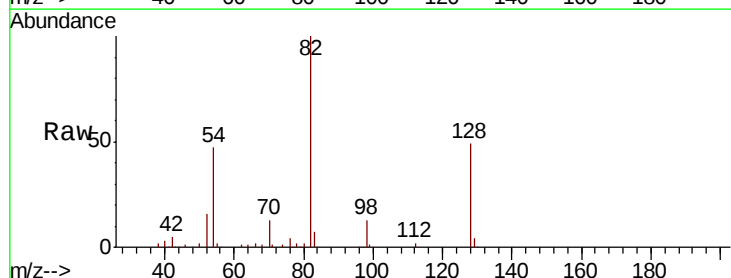
Instrument :
BNA_G
ClientSampleId :
SB-02-15-17

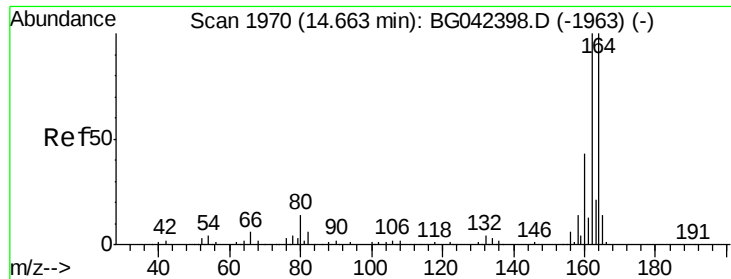
Tot Ion:136	Resp:	137216
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.7	13.1
54 6.4	4.9	7.3
68 3.8	3.6	5.4



#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

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

Instrument :

BNA_G

ClientSampleId :

SB-02-15-17

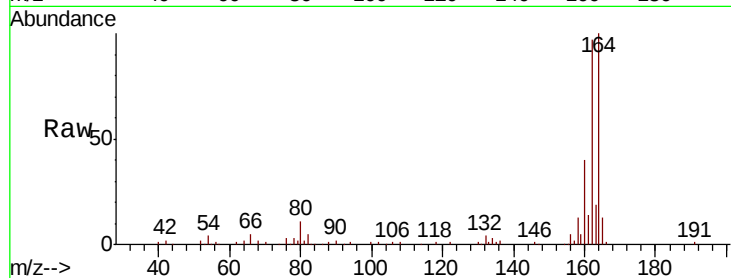
Tot Ion:164 Resp: 104156

Ion Ratio Lower Upper

164 100

162 96.6 79.9 119.9

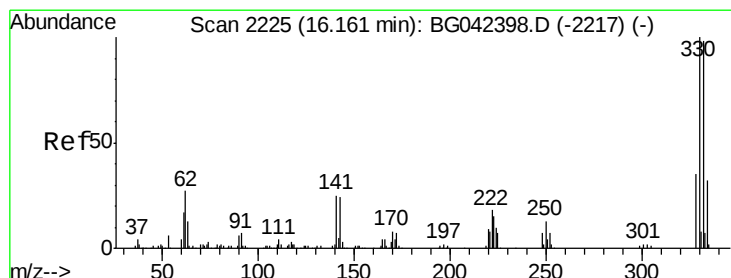
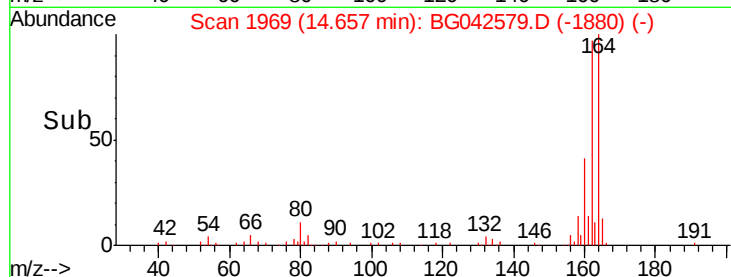
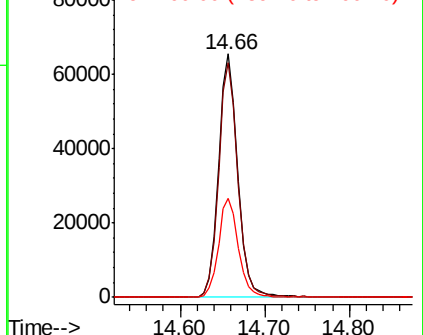
160 40.4 34.3 51.5



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: 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

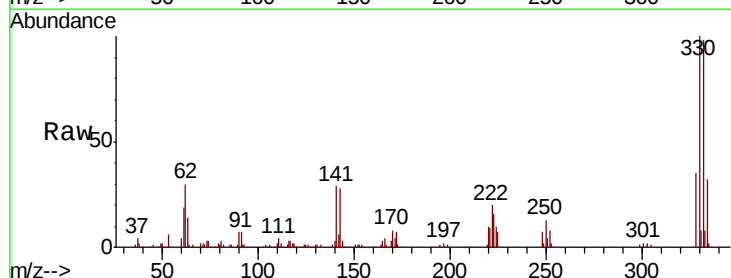
Tgt Ion:330 Resp: 196646

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

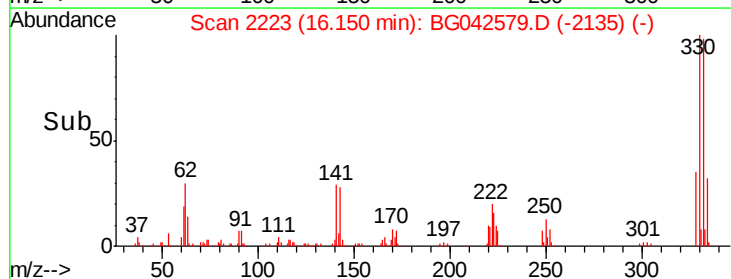
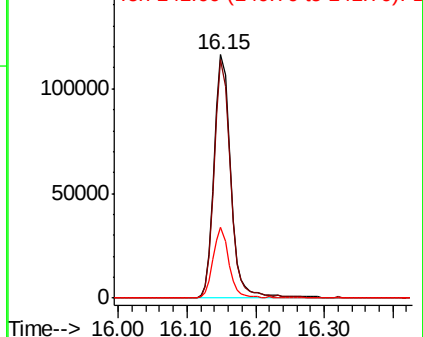
141 27.6 21.4 32.0



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

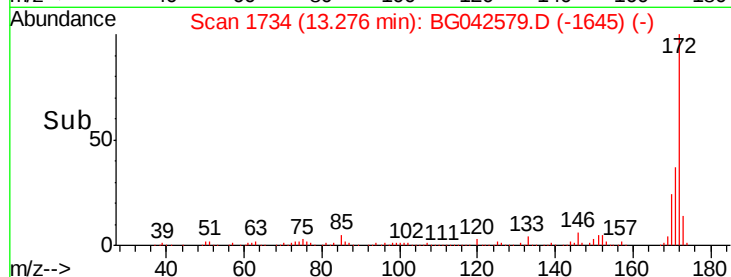
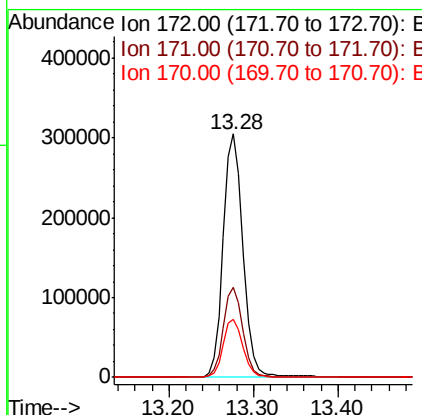
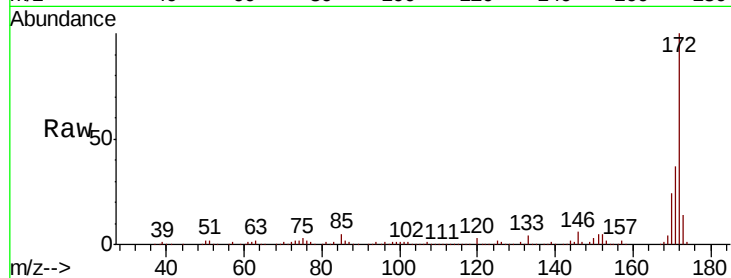




#45
2-Fluorobiphenyl
Concen: 80.541 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042579.D
Acq: 30 Aug 2019 00:02

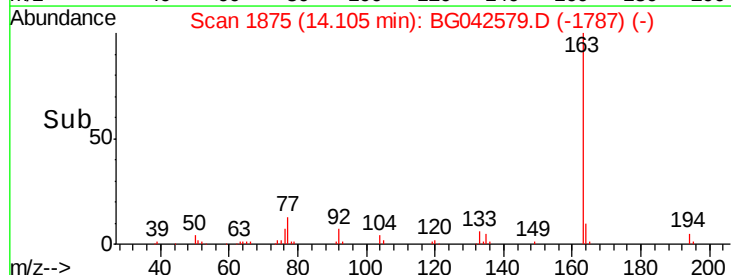
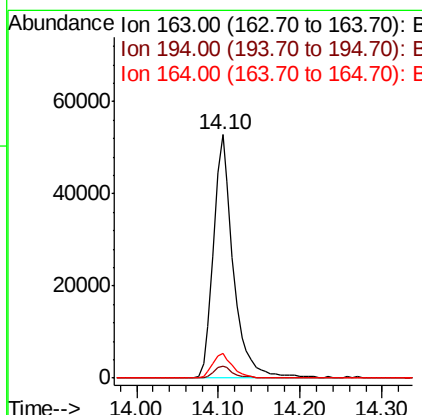
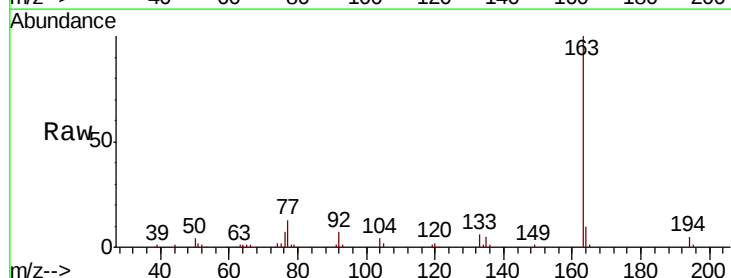
Instrument :
BNA_G
ClientSampleId :
SB-02-15-17

Tot Ion:172 Resp: 496003
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

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





#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

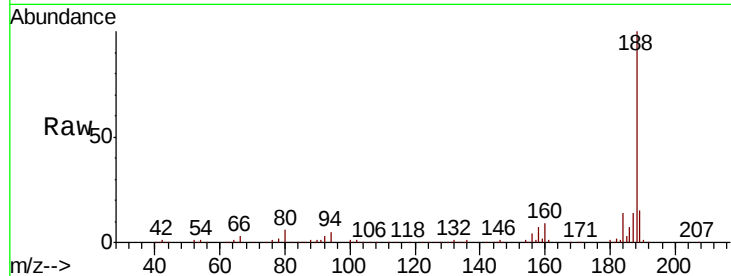
Tot Ion:188 Resp: 236710

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

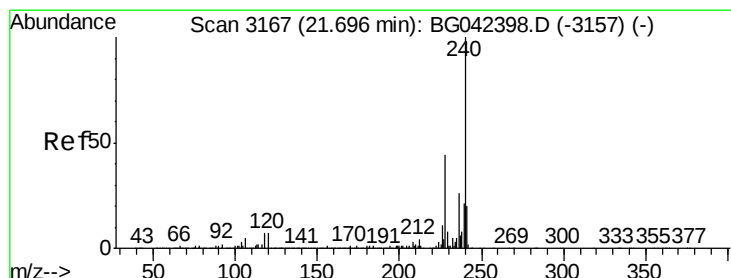
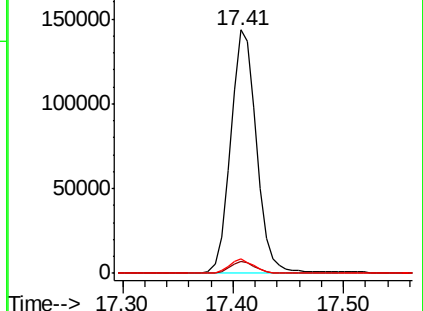
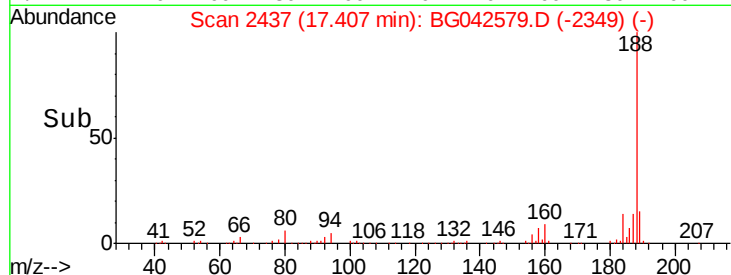
80 5.8 4.9 7.3



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



#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

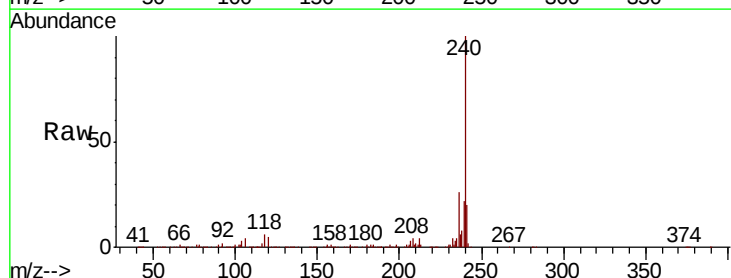
Tgt Ion:240 Resp: 252887

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

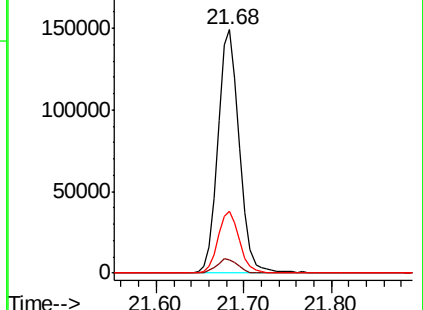
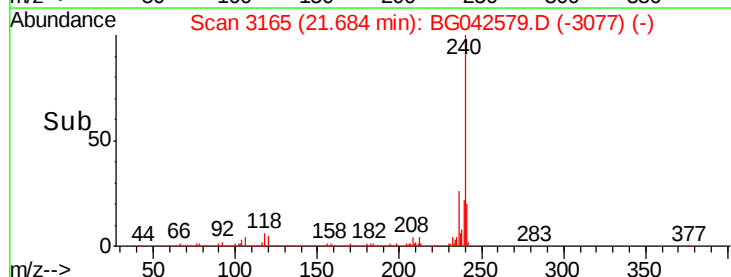
236 25.6 21.0 31.4

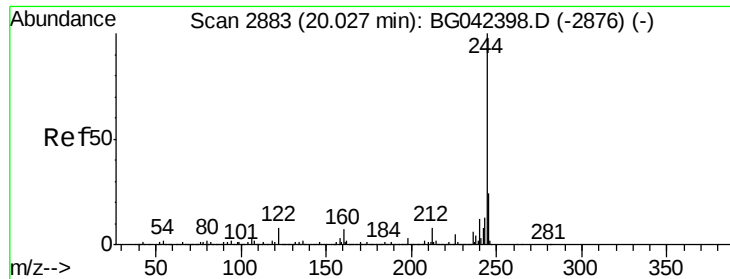


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_G

ClientSampleId :

SB-02-15-17

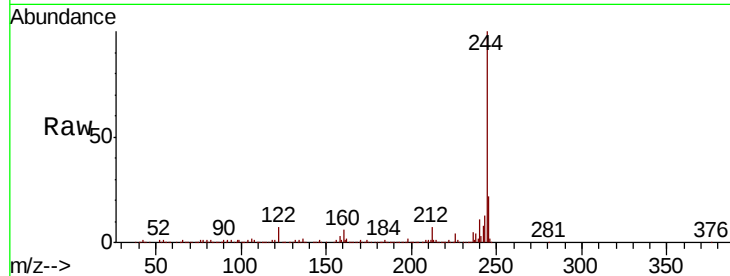
Tot Ion:244 Resp: 916459

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

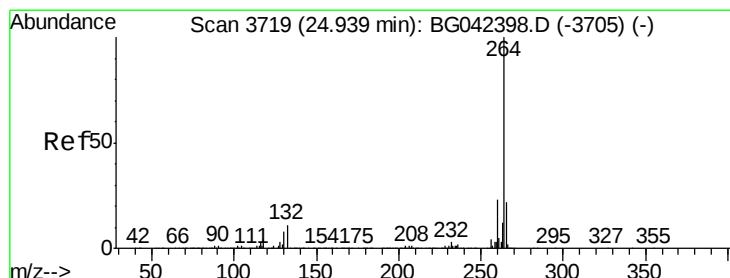
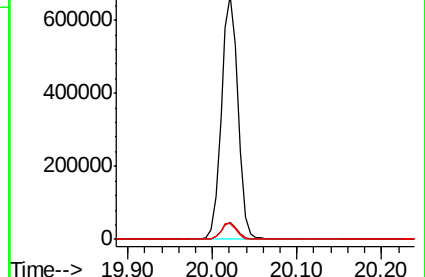
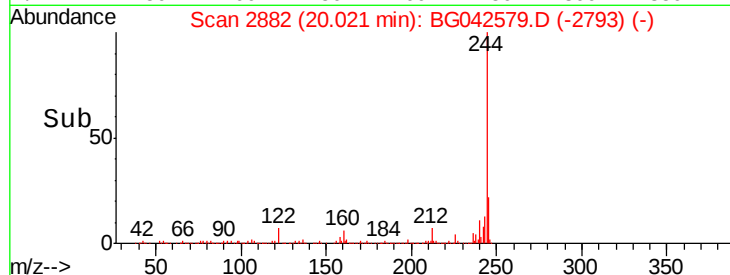
122 6.7 6.7 10.1



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

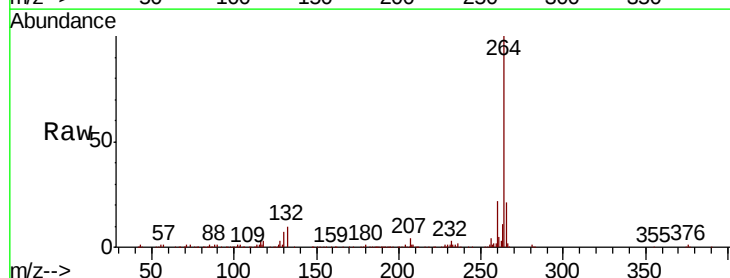
Tgt Ion:264 Resp: 301631

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

