

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119828.D
 Acq On : 7 Apr 2020 17:57
 Operator : MA/SJ
 Sample : L2146-12
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-65-COMP

Quant Time: Apr 08 00:53:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132092	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	466766	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	216046	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	413905	20.00	ng	0.00
76) Chrysene-d12	13.97	240	267927	20.00	ng	0.01
87) Perylene-d12	15.42	264	212083	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	801362	96.58	ng	0.01
7) Phenol-d6	6.42	99	965373	91.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	553632	64.46	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	219599	98.52	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1075604	73.76	ng	0.00
79) Terphenyl-d14	12.91	244	1049125	76.72	ng	0.00

Target Compounds

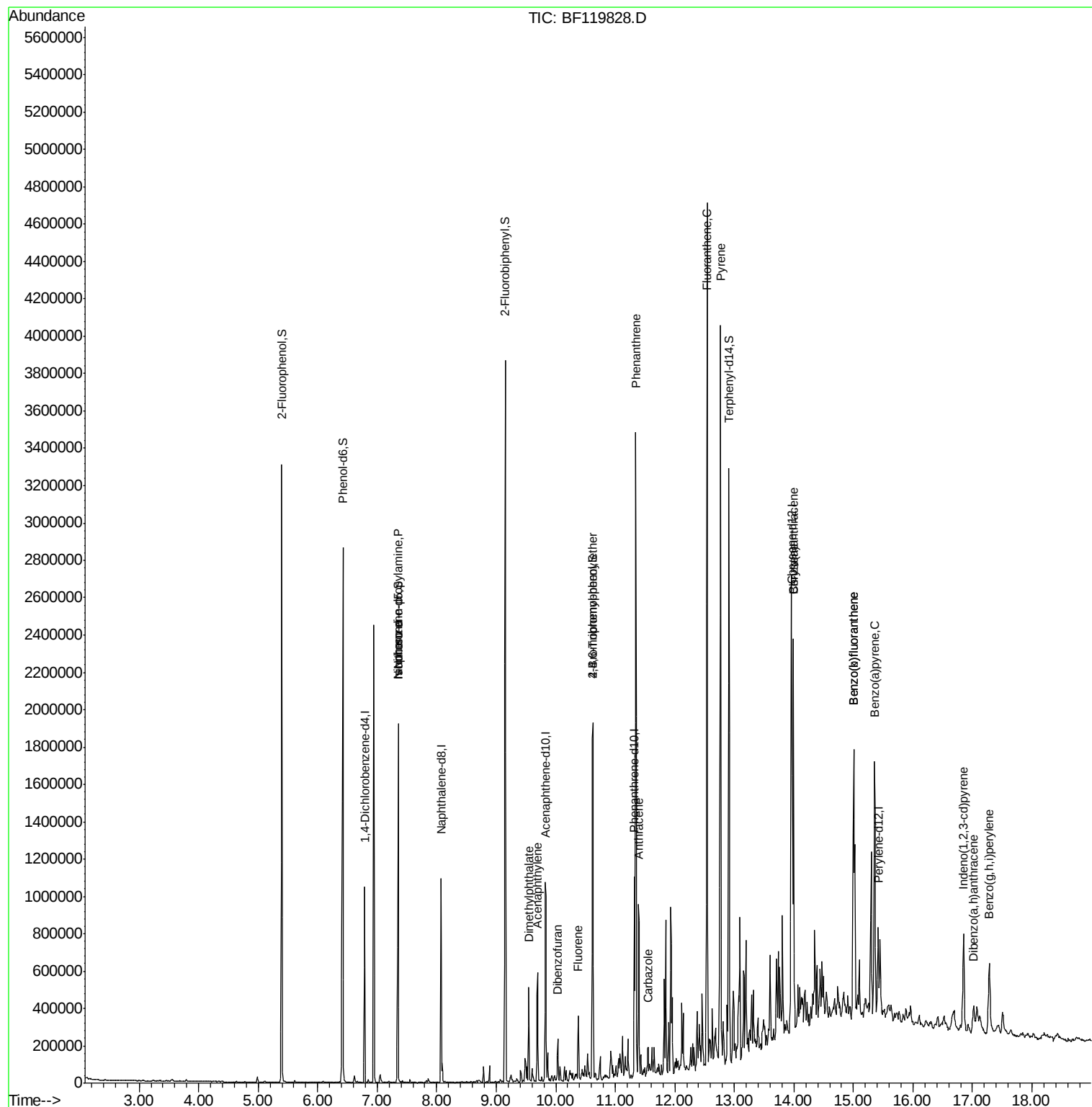
						Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	72043	11.28	ng	# 77
25) Isophorone	7.35	82	551798	31.67	ng	# 65
49) Acenaphthylene	9.69	152	235762	10.89	ng	97
50) Dimethylphthalate	9.55	163	166090	10.82	ng	98
55) Dibenzofuran	10.03	168	54947	2.84	ng	# 97
58) Fluorene	10.38	166	87212	6.10	ng	96
67) 4-Bromophenyl-phenylether	10.62	248	13590	2.88	ng	# 1
71) Phenanthrene	11.34	178	1178865	54.93	ng	99
72) Anthracene	11.39	178	361770	16.59	ng	97
73) Carbazole	11.55	167	62017	2.87	ng	97
75) Fluoranthene	12.54	202	2079207	89.52	ng	97
78) Pyrene	12.77	202	1882556	85.62	ng	98
81) Benzo(a)anthracene	13.99	228	795997	45.69	ng	96
83) Chrysene	13.99	228	795997	44.27	ng	96
86) Indeno(1,2,3-cd)pyrene	16.85	276	341238	20.15	ng	95
88) Benzo(b)fluoranthene	15.00	252	1173240	82.81	ng	98
89) Benzo(k)fluoranthene	15.00	252	1173240	86.97	ng	99
90) Benzo(a)pyrene	15.36	252	636563	49.44	ng	98
91) Dibenzo(a,h)anthracene	17.02	278	79048	7.02	ng	97
92) Benzo(g,h,i)perylene	17.29	276	316930	28.01	ng	98

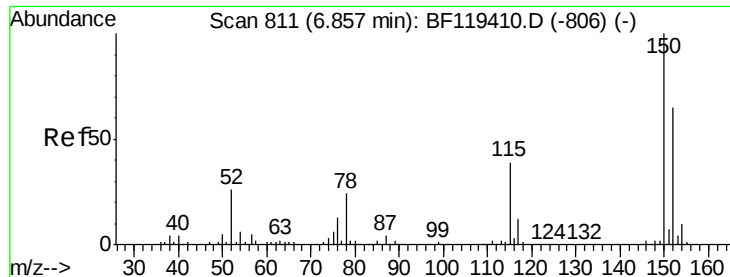
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
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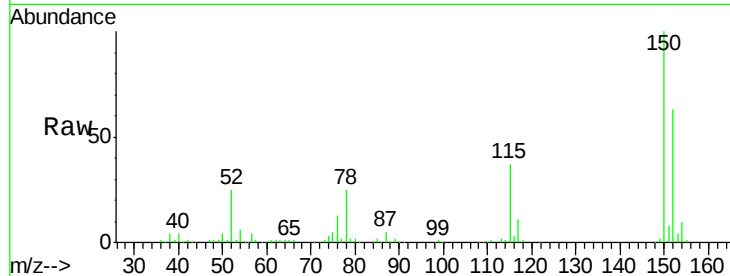


#1

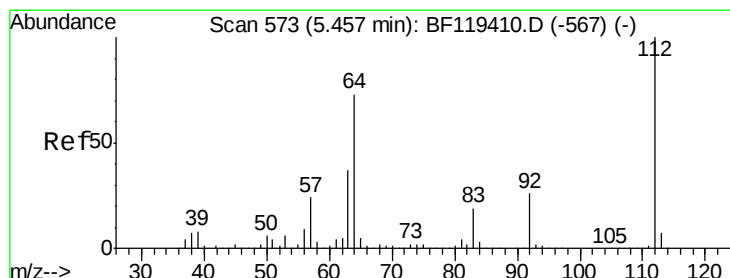
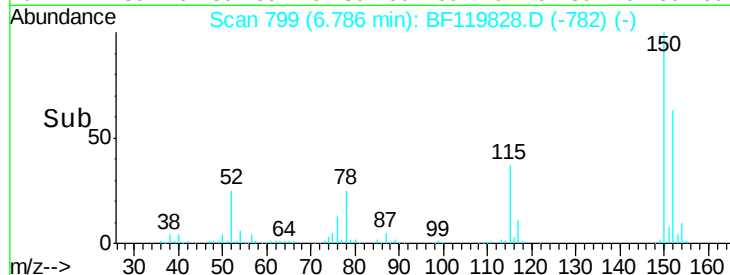
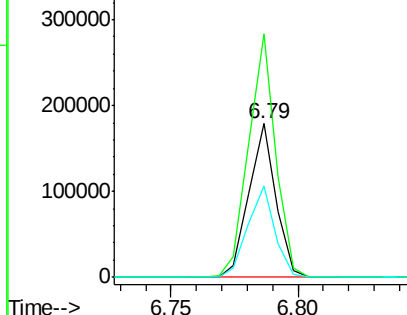
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF119828.D
Acq: 7 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
TP-65-COMP

Tgt Ion:152 Resp: 132092
Ion Ratio Lower Upper
152 100
150 158.5 124.5 186.7
115 59.3 49.6 74.4



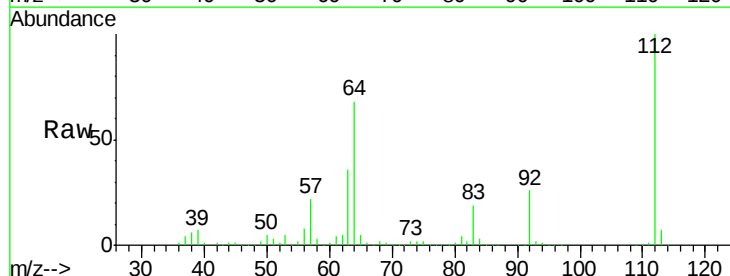
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



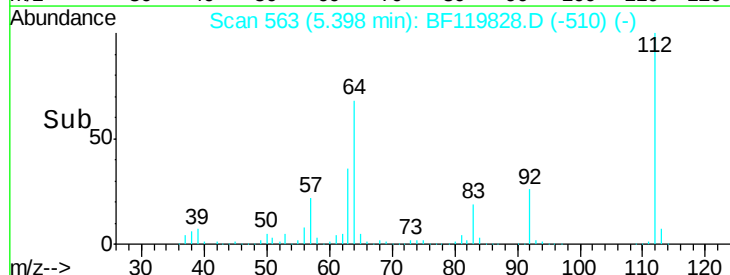
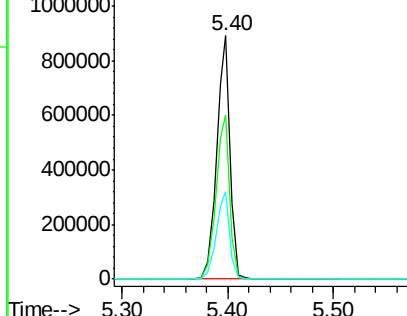
#5

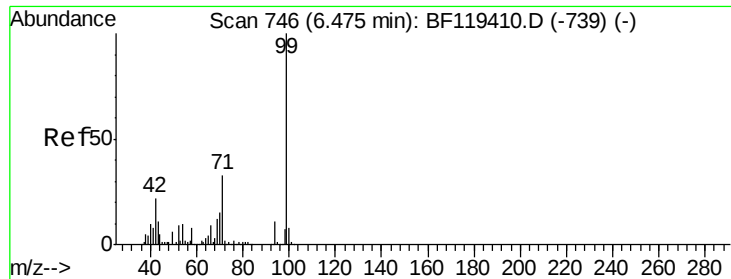
2-Fluorophenol
Concen: 96.58 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF119828.D
Acq: 7 Apr 2020 17:57

Tgt Ion:112 Resp: 801362
Ion Ratio Lower Upper
112 100
64 67.5 56.7 85.1
63 35.7 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.07 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

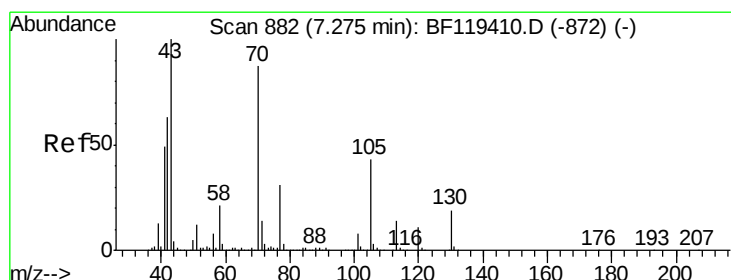
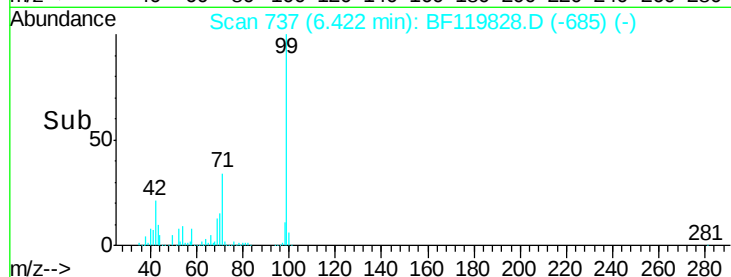
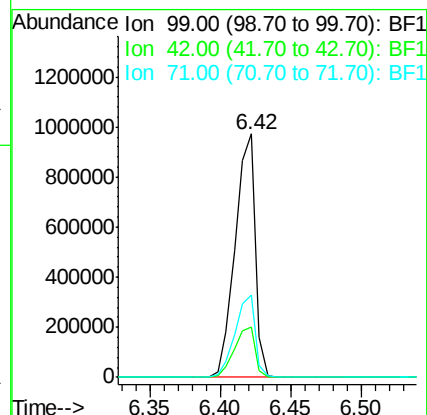
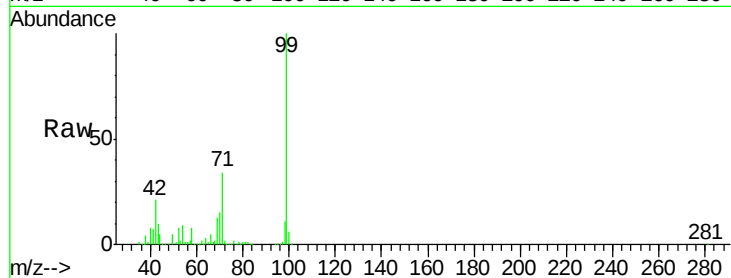
Tgt Ion: 99 Resp: 965373

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 33.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.28 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

Tgt Ion: 70 Resp: 72043

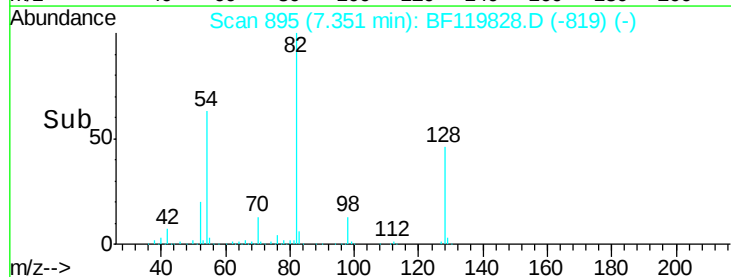
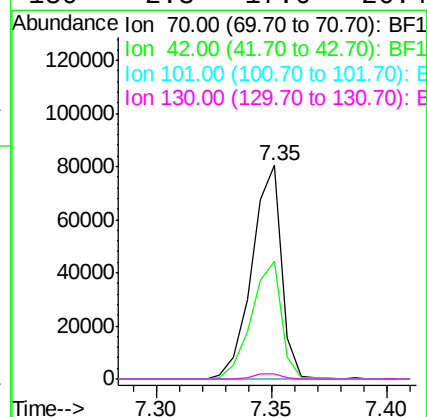
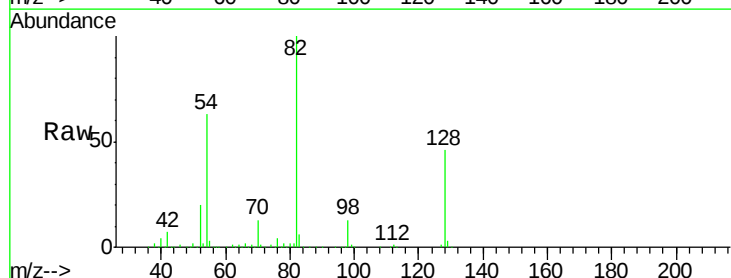
Ion Ratio Lower Upper

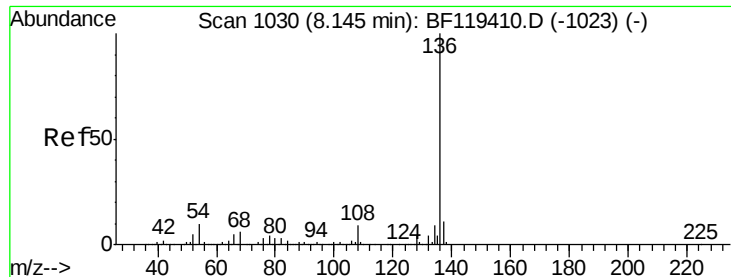
70 100

42 55.0 54.5 81.7

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

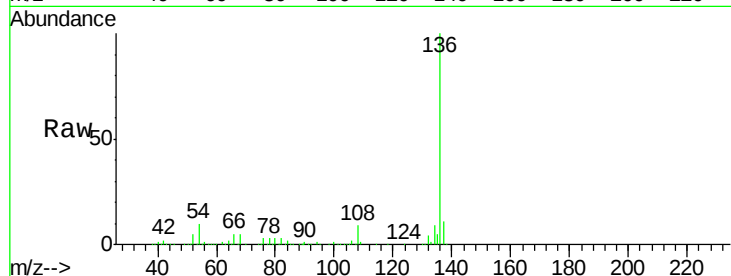




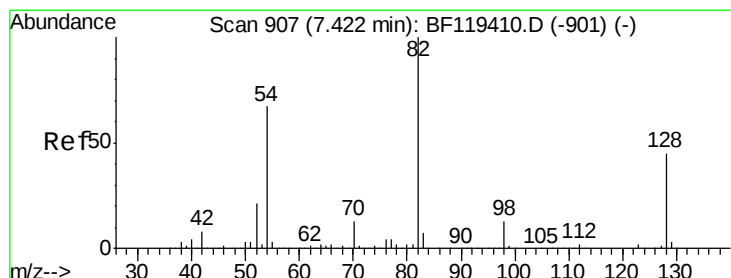
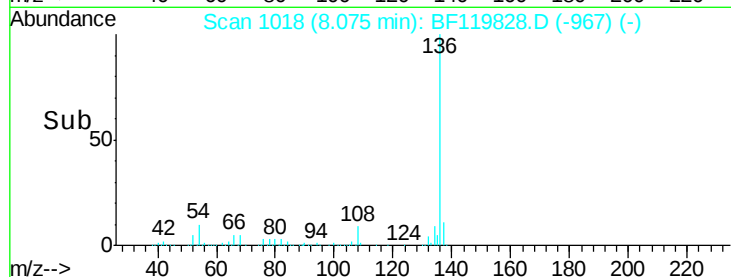
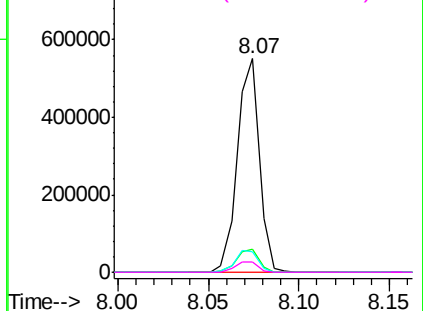
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF119828.D
Acq: 7 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
TP-65-COMP

Tgt Ion:	136	Resp:	466766
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.6	9.1	13.7
68	4.9	4.6	6.8

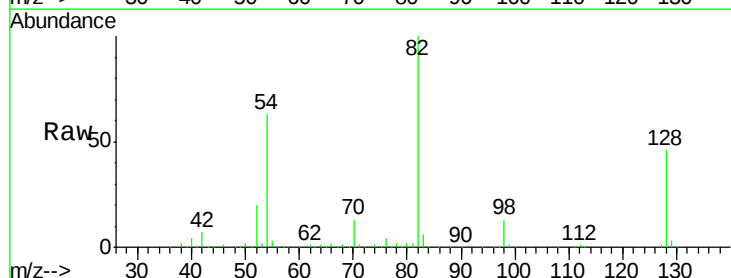


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

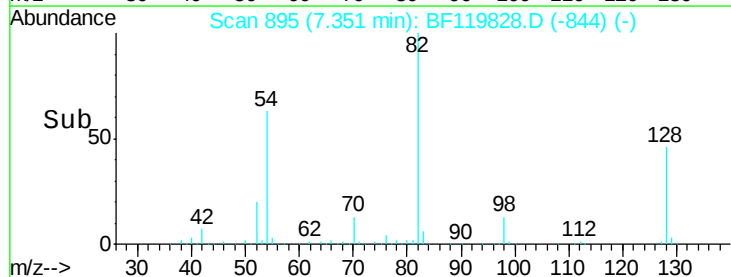
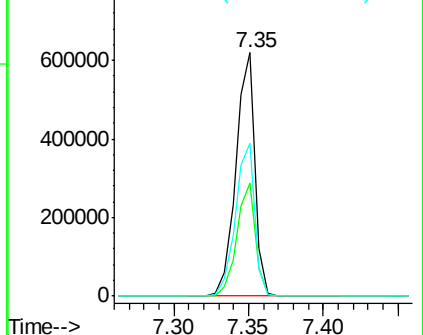


#23
Nitrobenzene-d5
Concen: 64.46 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119828.D
Acq: 7 Apr 2020 17:57

Tgt Ion:	82	Resp:	553632
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	62.8	50.6	75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.67 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

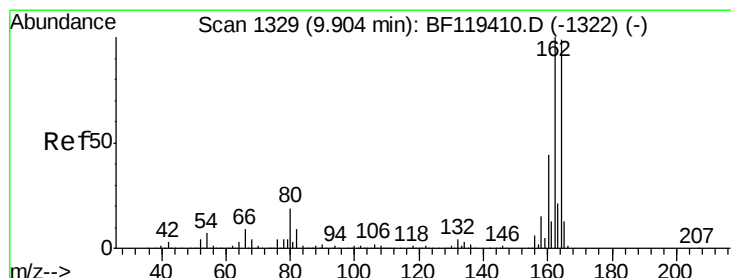
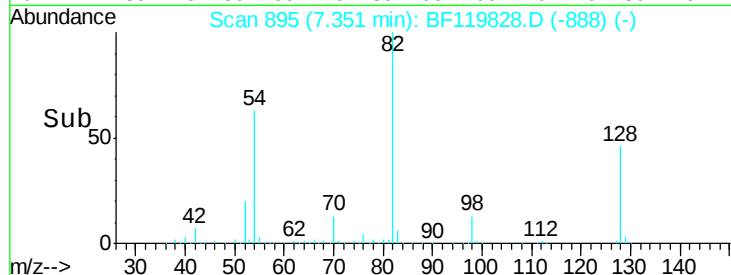
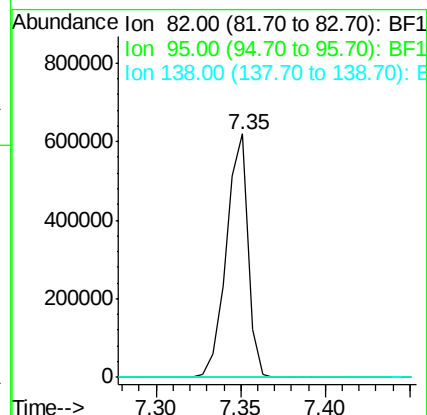
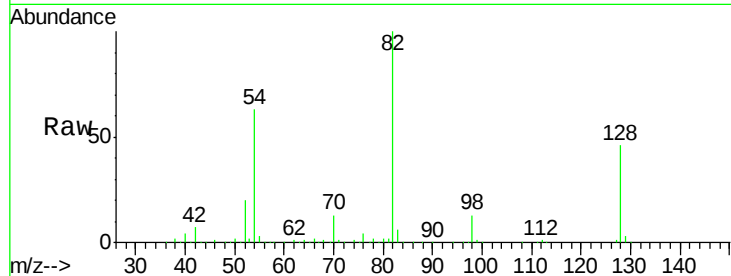
Tgt Ion: 82 Resp: 551798

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

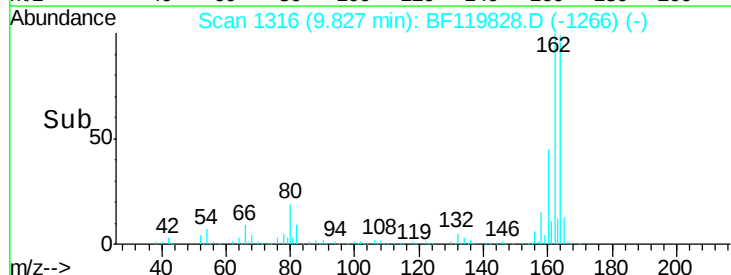
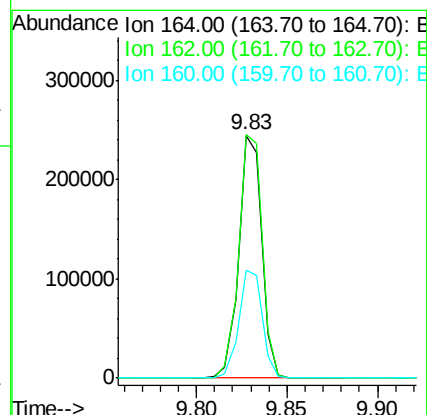
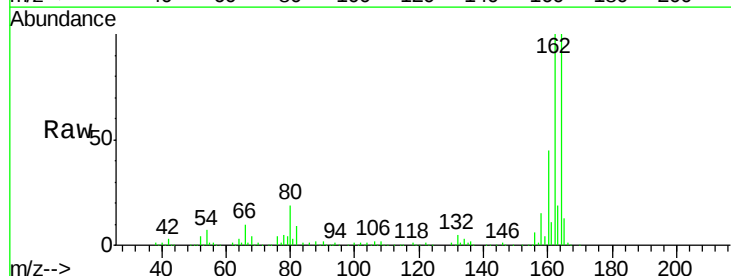
Tgt Ion: 164 Resp: 216046

Ion Ratio Lower Upper

164 100

162 100.3 80.6 121.0

160 44.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 98.52 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

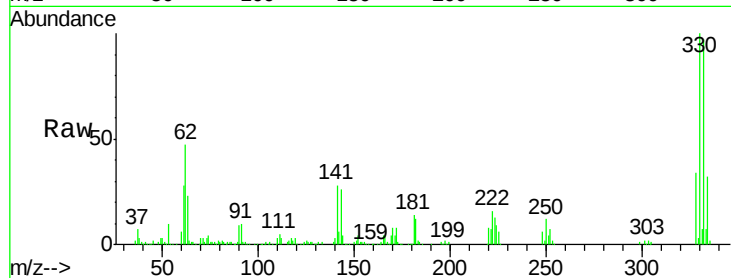
Tgt Ion:330 Resp: 219599

Ion Ratio Lower Upper

330 100

332 97.8 75.7 113.5

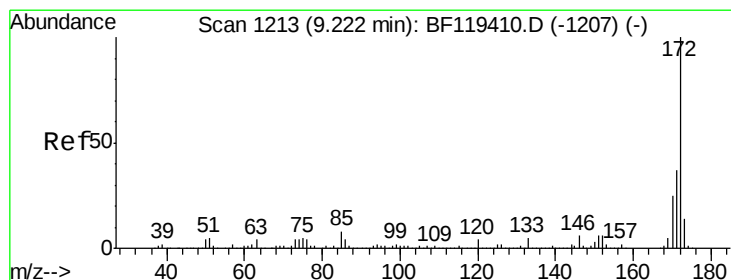
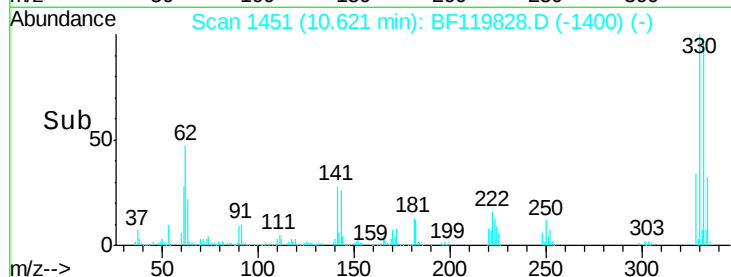
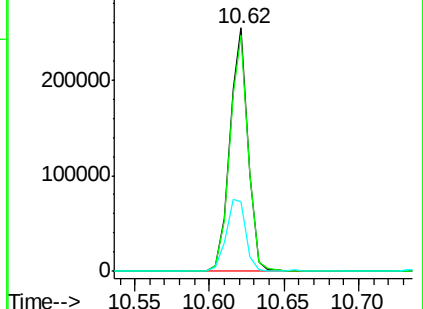
141 32.2 25.4 38.0



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: 73.76 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

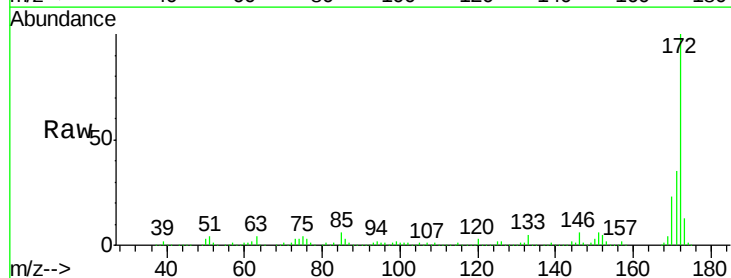
Tgt Ion:172 Resp: 1075604

Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

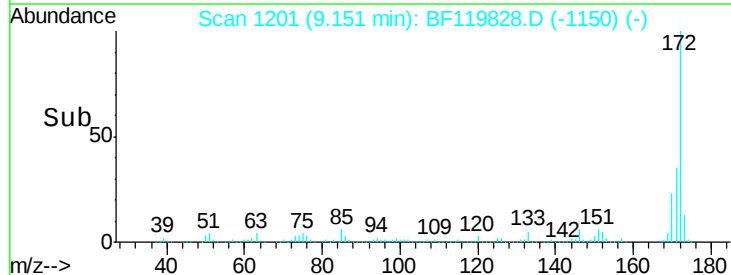
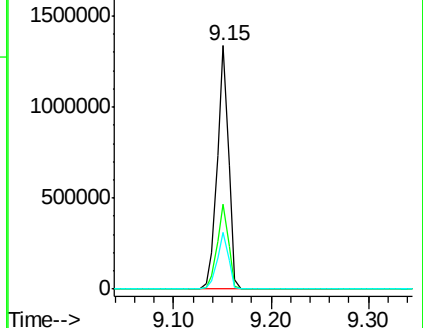
170 23.4 20.2 30.2

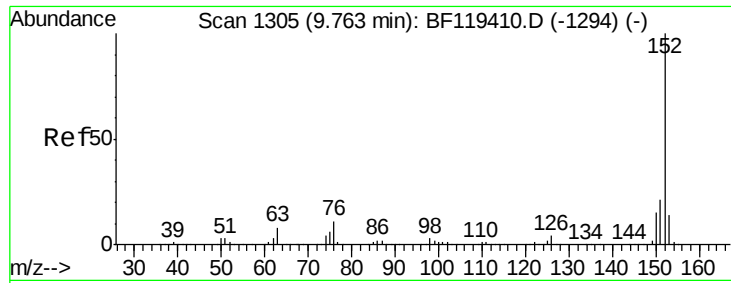


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 10.89 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

Instrument :

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ClientSampleId :

TP-65-COMP

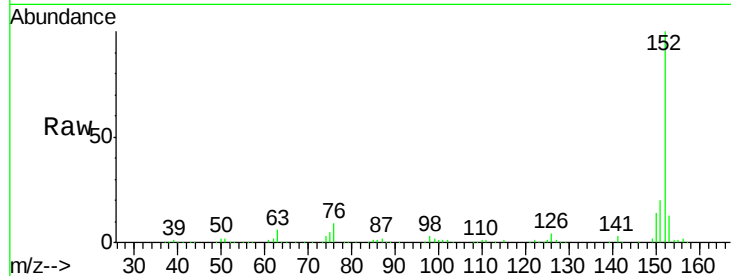
Tgt Ion:152 Resp: 235762

Ion Ratio Lower Upper

152 100

151 19.7 17.2 25.8

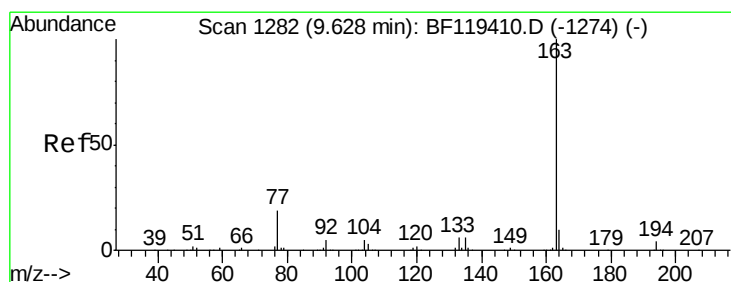
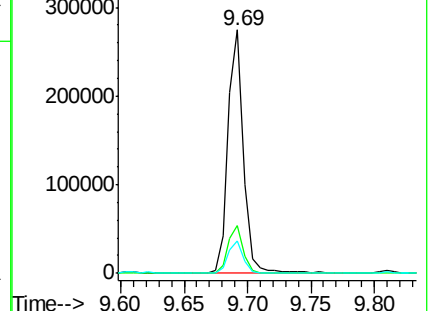
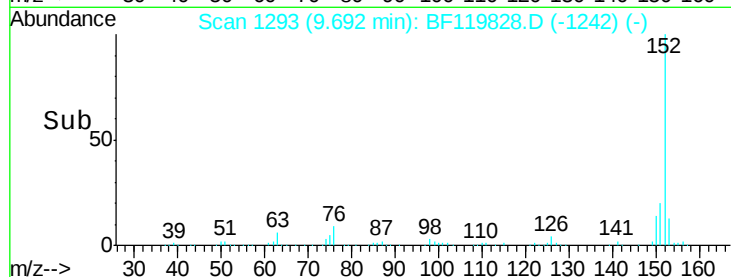
153 13.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.82 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

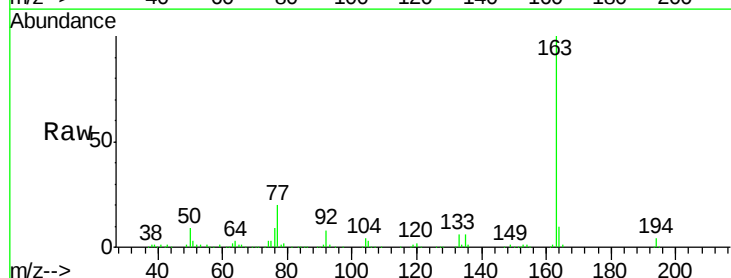
Tgt Ion:163 Resp: 166090

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

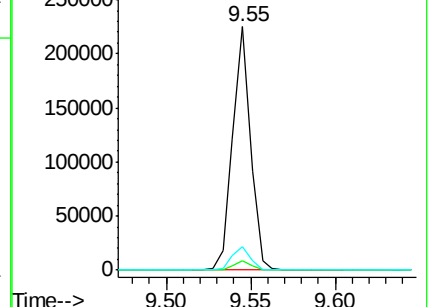
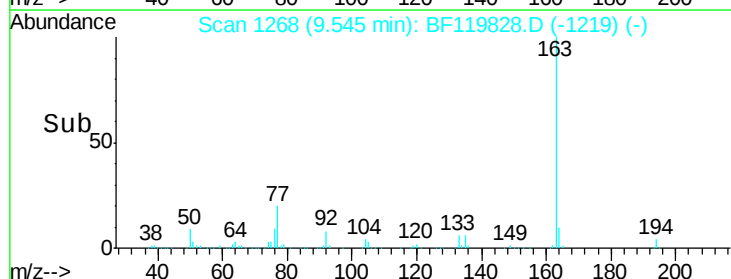
164 9.5 8.2 12.2

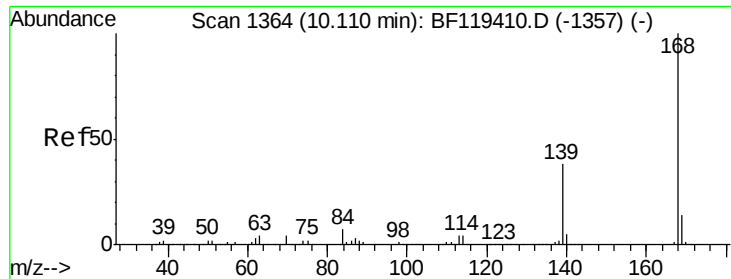


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

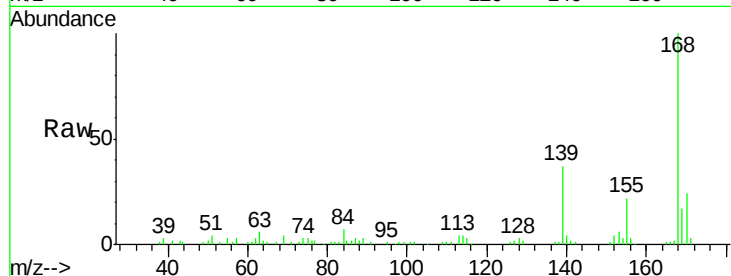




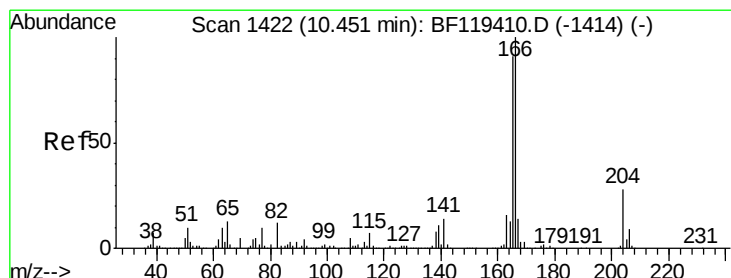
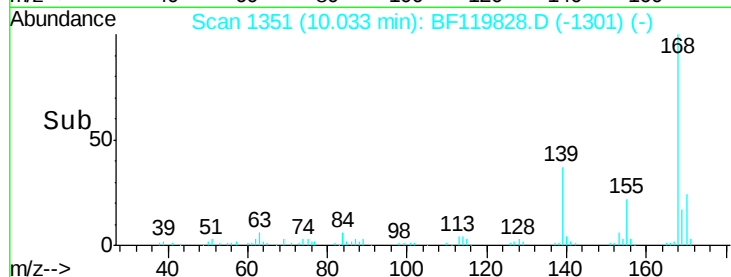
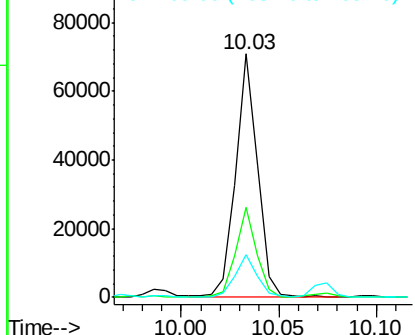
#55
Dibenzenofuran
Concen: 2.84 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF119828.D
Acq: 7 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
TP-65-COMP

Tgt Ion:168 Resp: 54947
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 17.3 11.0 16.6#

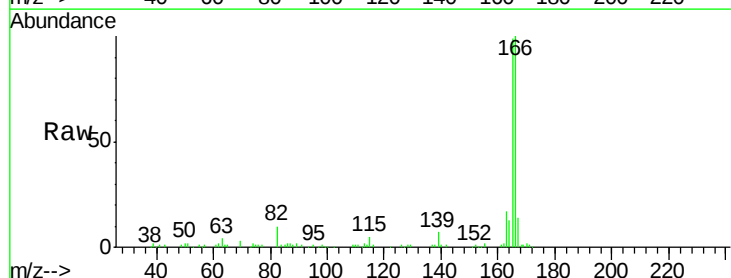


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

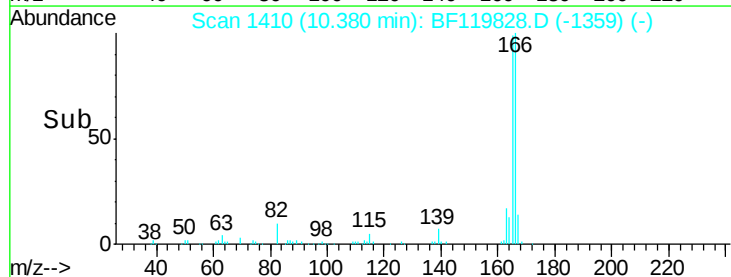
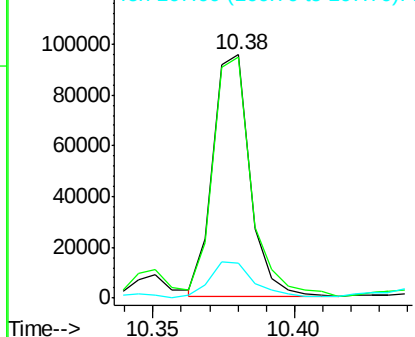


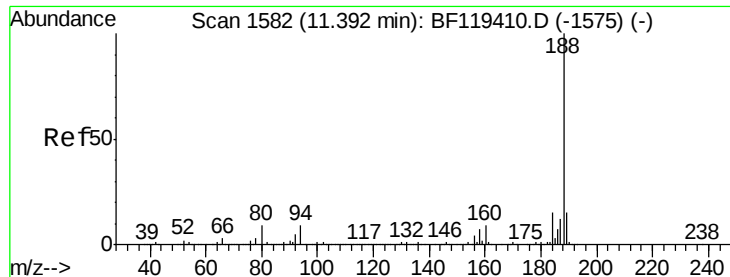
#58
Fluorene
Concen: 6.10 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119828.D
Acq: 7 Apr 2020 17:57

Tgt Ion:166 Resp: 87212
Ion Ratio Lower Upper
166 100
165 99.1 75.4 113.2
167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

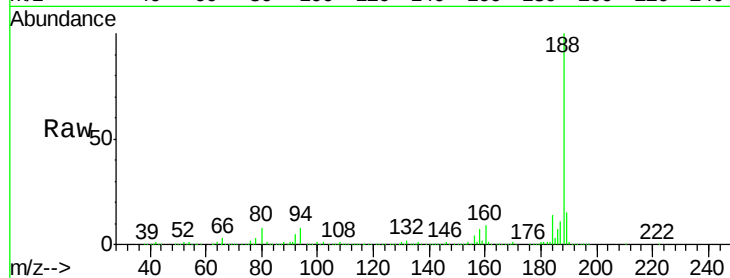
Tgt Ion:188 Resp: 413905

Ion Ratio Lower Upper

188 100

94 7.6 7.5 11.3

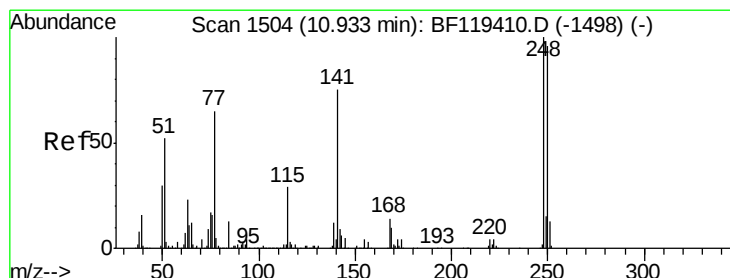
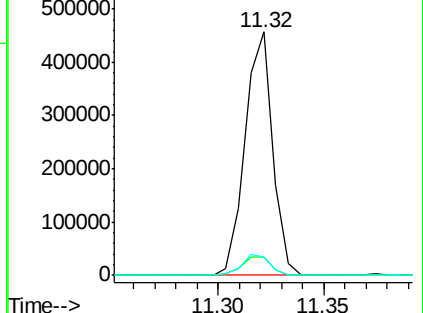
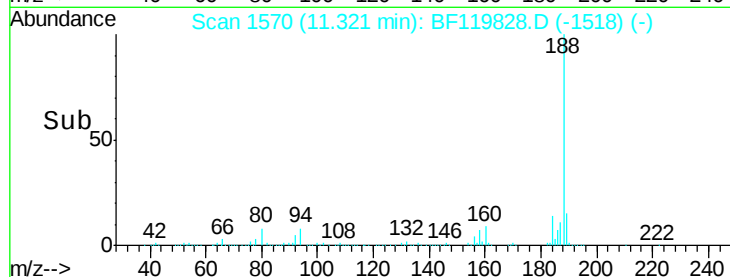
80 7.6 9.0 13.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.88 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.24 min

Lab File: BF119828.D

Acq: 7 Apr 2020 17:57

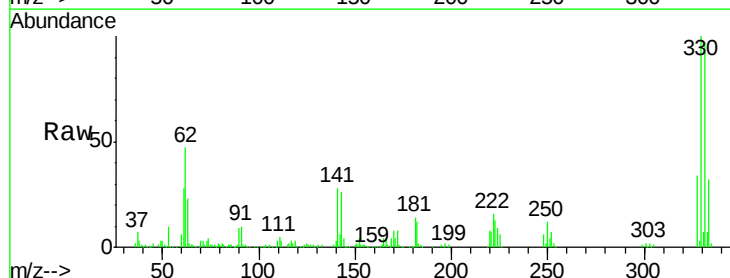
Tgt Ion:248 Resp: 13590

Ion Ratio Lower Upper

248 100

250 193.2 77.3 115.9#

141 475.3 58.6 87.8#



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

