

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
 Data File : BF117366.D
 Acq On : 10 Oct 2019 18:02
 Operator : JU
 Sample : K5297-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 11 05:27:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42575	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	171987	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	89661	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	143312	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	86808	20.00	ng	-0.01
87) Perylene-d12	15.42	264	97052	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	256160	93.94	ng	-0.01
7) Phenol-d6	6.44	99	345439	98.02	ng	-0.01
23) Nitrobenzene-d5	7.36	82	211593	64.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	68508	91.42	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	328856	57.35	ng	-0.01
79) Terphenyl-d14	12.90	244	263655	56.77	ng	-0.01

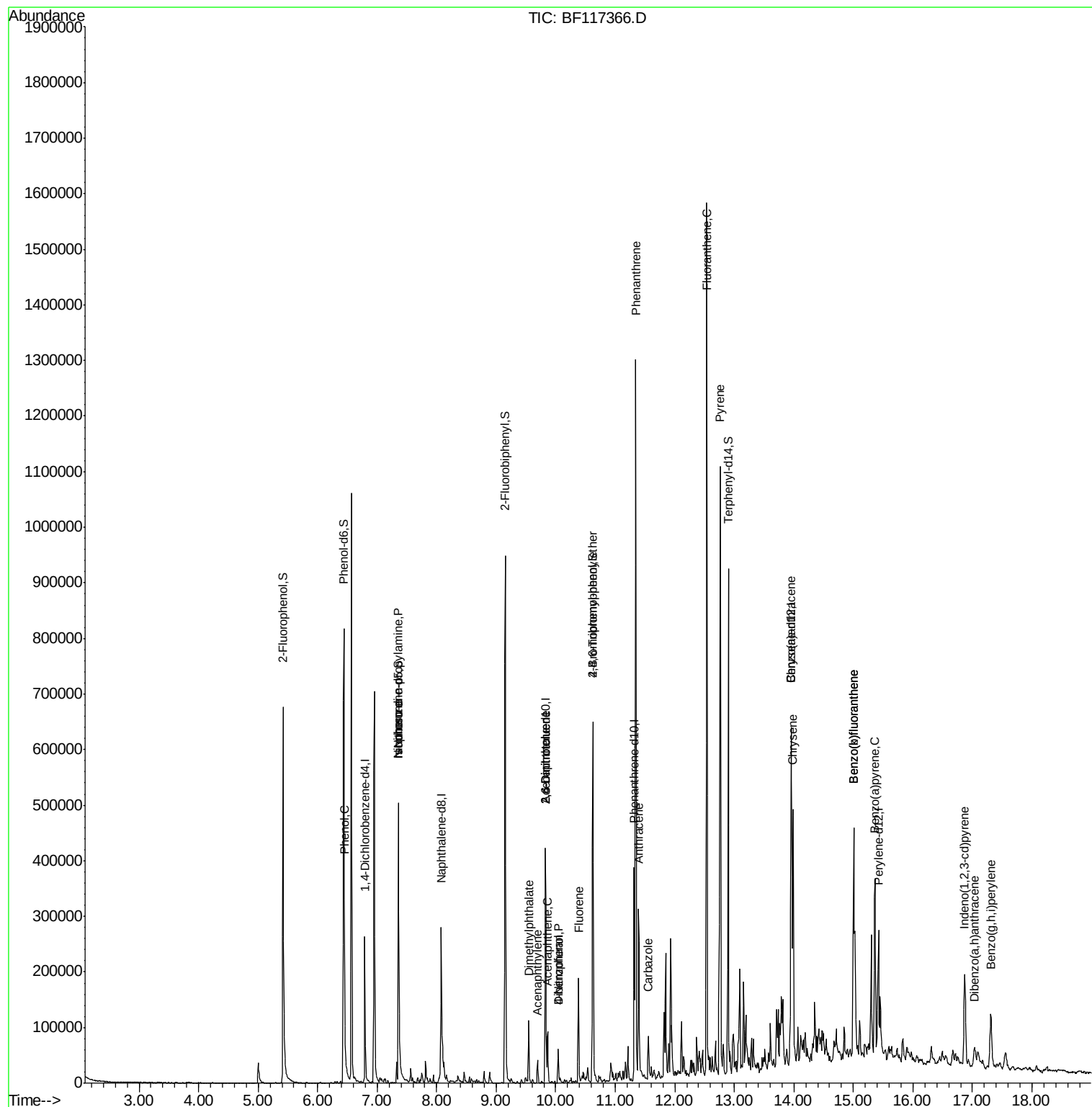
Target Compounds				Qvalue		
9) Benzaldehyde	6.44	77	471	Below Cal	#	1
10) Phenol	6.45	94	15540	4.000 ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	28233	13.156 ng	#	81
25) Isophorone	7.36	82	211591	36.509 ng	#	66
49) Acenaphthylene	9.69	152	20319	2.444 ng		98
50) Dimethylphthalate	9.55	163	48643	7.662 ng		98
51) 2,6-Dinitrotoluene	9.83	165	12187	9.426 ng	#	24
52) Acenaphthene	9.86	154	22051	4.474 ng		87
55) Dibenzofuran	10.04	168	28193	3.877 ng		98
56) 4-Nitrophenol	10.04	139	11171	10.566 ng	#	4
57) 2,4-Dinitrotoluene	9.83	165	12187	7.261 ng	#	18
58) Fluorene	10.38	166	59753	10.200 ng		99
67) 4-Bromophenyl-phenylether	10.62	248	4413	3.015 ng	#	1
71) Phenanthrene	11.35	178	451096	55.417 ng		99
72) Anthracene	11.39	178	139222	16.753 ng		97
73) Carbazole	11.56	167	33436	4.239 ng		99
75) Fluoranthene	12.54	202	649351	77.637 ng		99
78) Pyrene	12.77	202	503713	69.155 ng		99
81) Benzo(a)anthracene	13.95	228	216519	37.332 ng		96
83) Chrysene	13.99	228	184365	32.593 ng		97
86) Indeno(1,2,3-cd)pyrene	16.87	276	93473	22.650 ng		97
88) Benzo(b)fluoranthene	15.00	252	293971	50.005 ng	#	96
89) Benzo(k)fluoranthene	15.00	252	293971	52.789 ng		96
90) Benzo(a)pyrene	15.36	252	147325	28.558 ng		96
91) Dibenzo(a,h)anthracene	17.04	278	19521	4.750 ng		91
92) Benzo(g,h,i)perylene	17.31	276	82024	20.029 ng		96

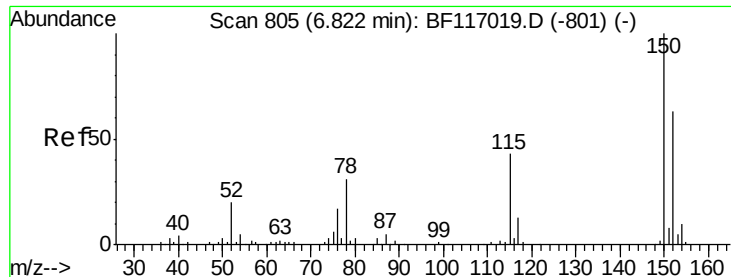
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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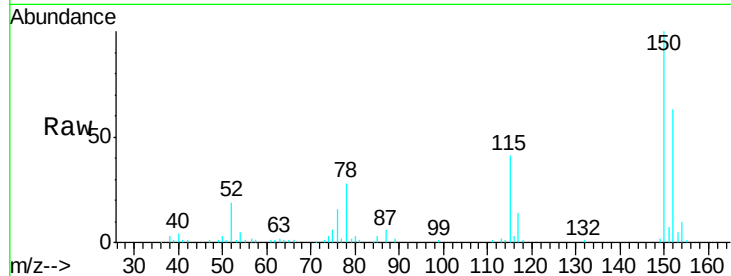


#1

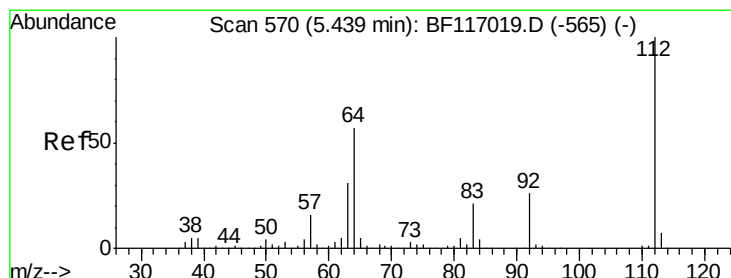
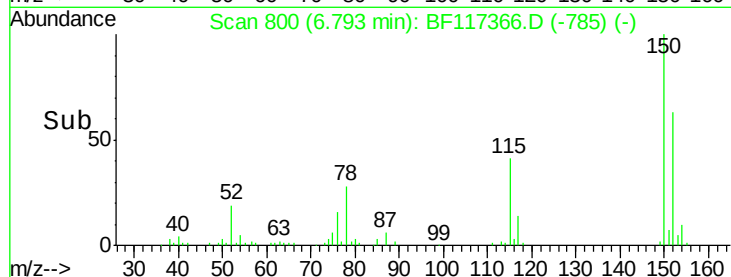
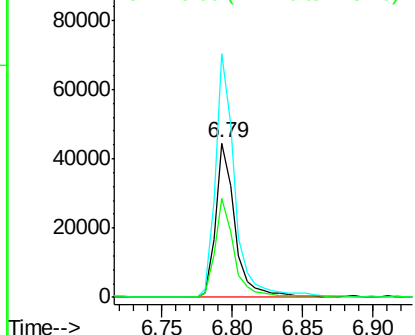
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 42575
Ion Ratio Lower Upper
152 100
150 158.0 127.5 191.3
115 64.0 55.0 82.4



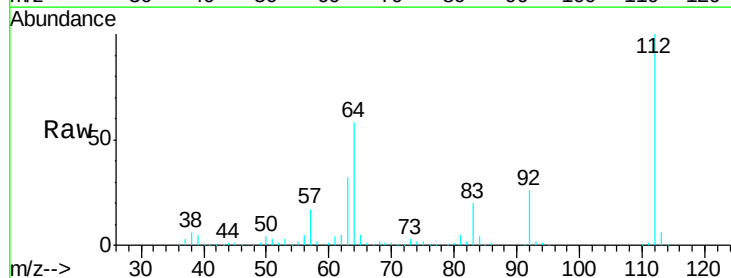
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



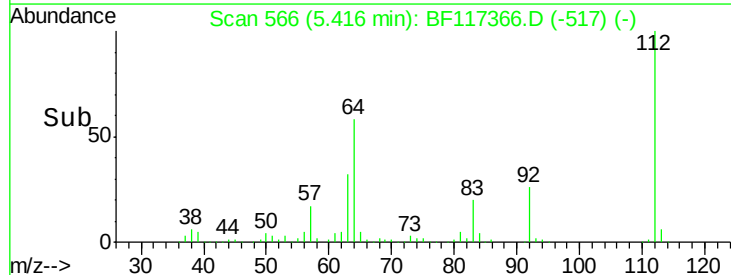
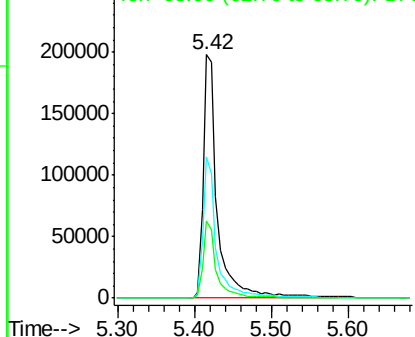
#5

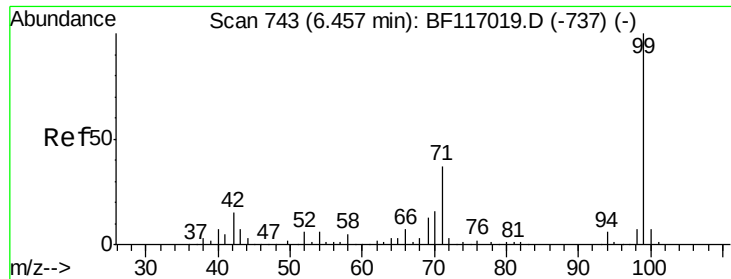
2-Fluorophenol
Concen: 93.935 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Tgt Ion:112 Resp: 256160
Ion Ratio Lower Upper
112 100
64 58.2 45.7 68.5
63 31.6 24.9 37.3



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: 98.018 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Instrument :

BNA_F

ClientSampleId :

TP-2

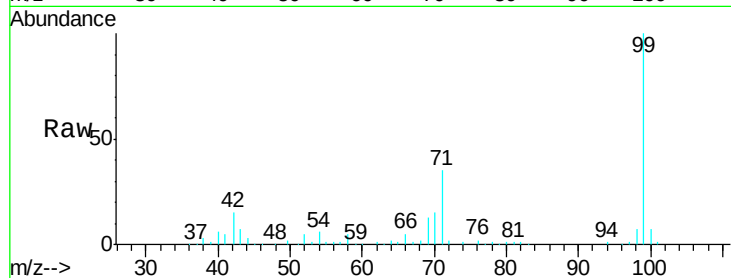
Tgt Ion: 99 Resp: 345439

Ion Ratio Lower Upper

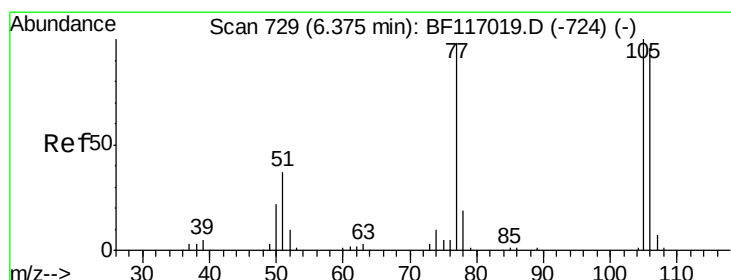
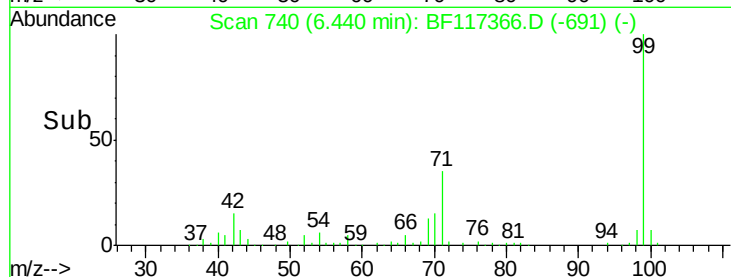
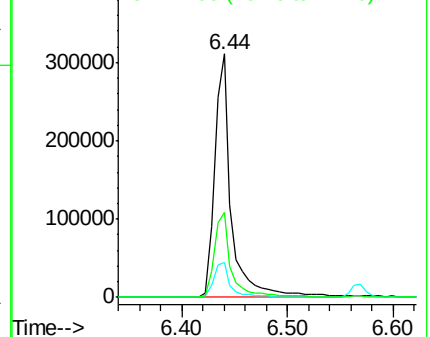
99 100

42 14.5 12.2 18.2

71 34.9 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: Below Cal

RT: 6.44 min Scan# 740

Delta R.T. 0.08 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

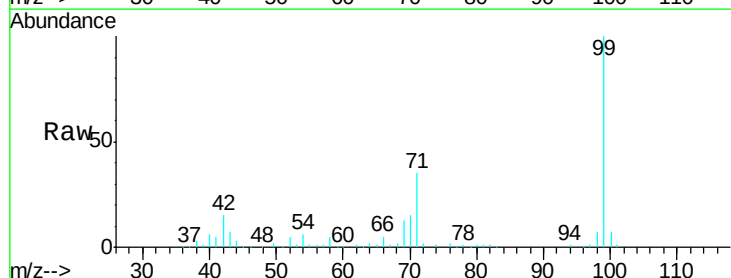
Tgt Ion: 77 Resp: 471

Ion Ratio Lower Upper

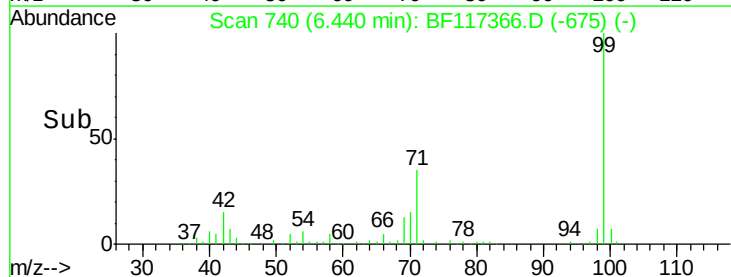
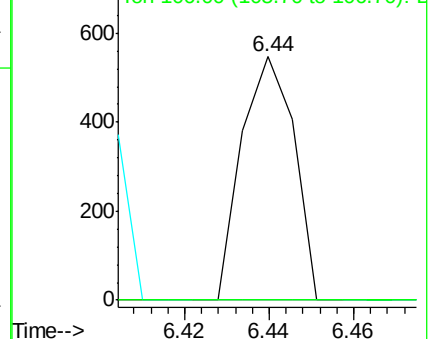
77 100

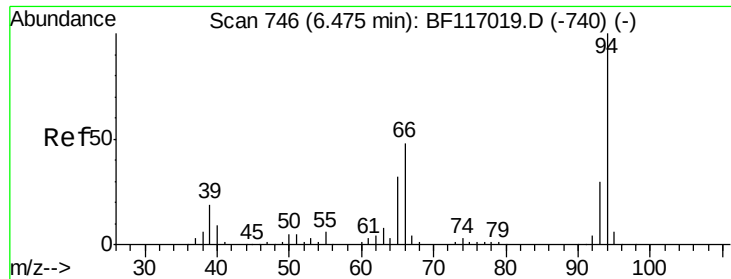
105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.000 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Instrument :

BNA_F

ClientSampled :

TP-2

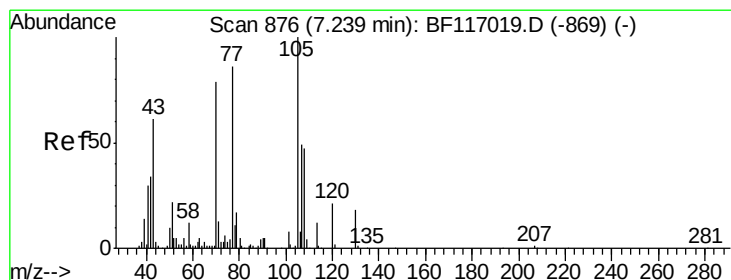
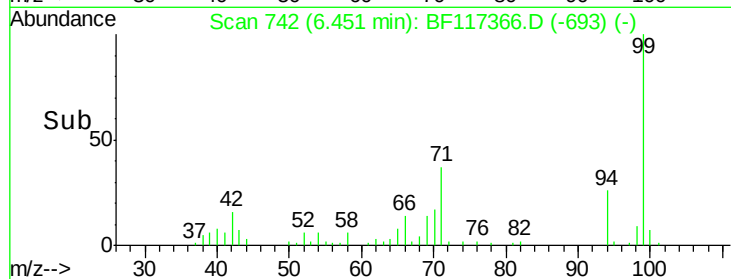
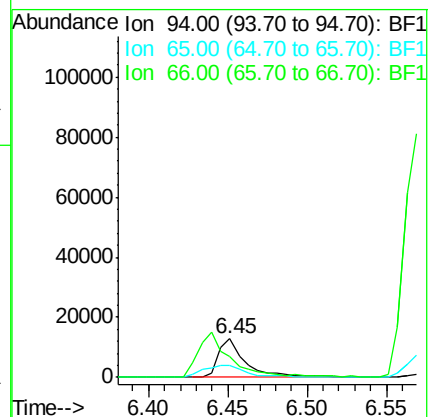
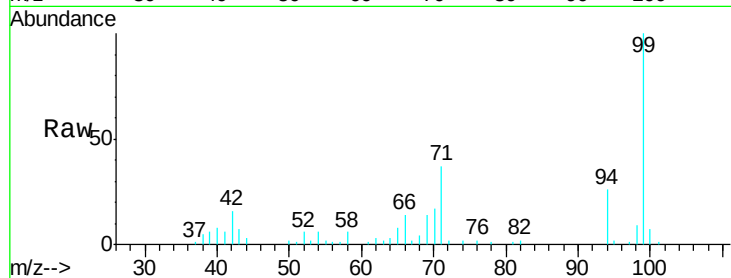
Tgt Ion: 94 Resp: 15540

Ion Ratio Lower Upper

94 100

65 30.4 12.5 52.5

66 53.6 28.9 68.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.156 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Tgt Ion: 70 Resp: 28233

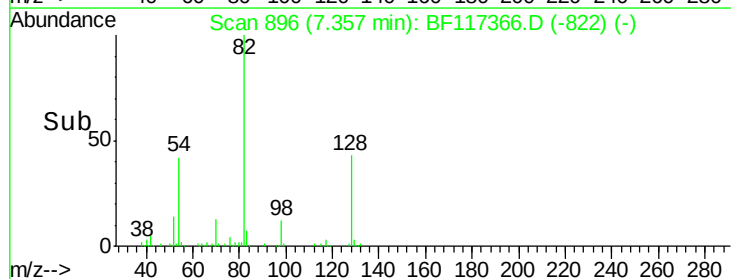
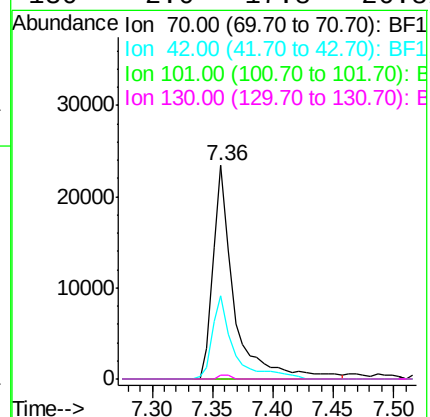
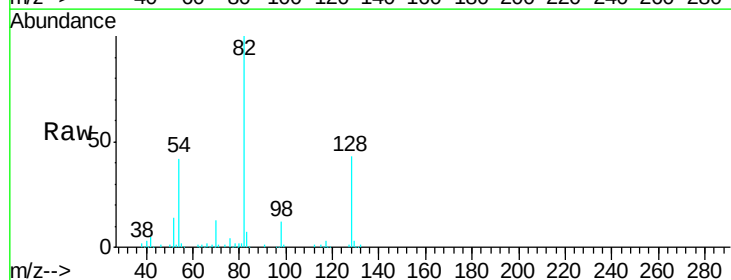
Ion Ratio Lower Upper

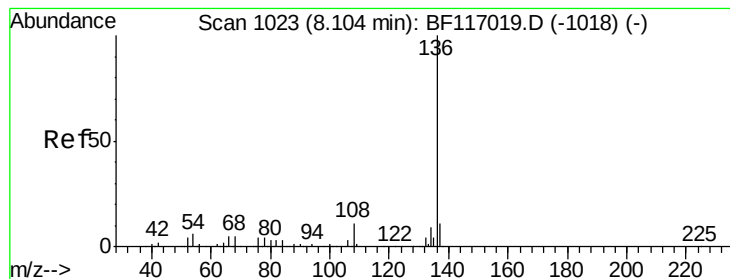
70 100

42 39.3 34.0 51.0

101 0.0 7.8 11.6#

130 2.0 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 136 Resp: 171987

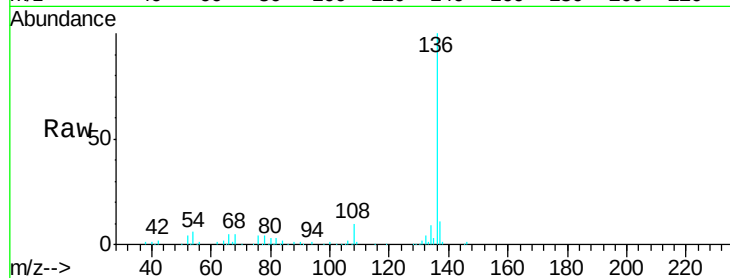
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.1 4.5 6.7

68 5.3 4.0 6.0

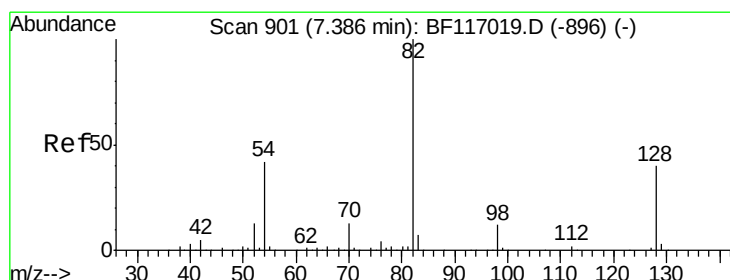
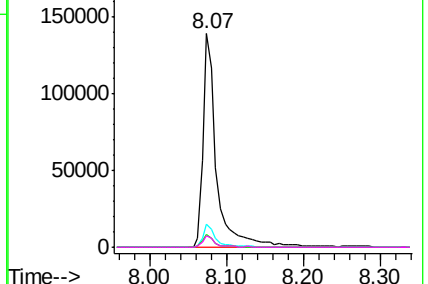
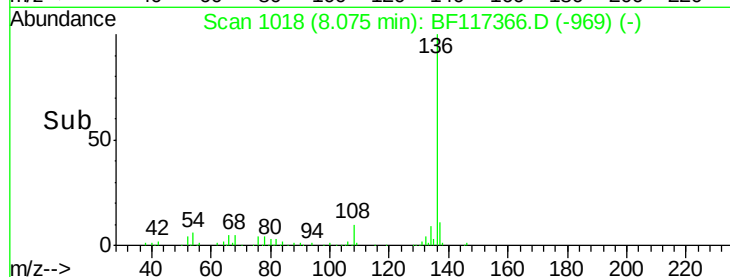


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.642 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

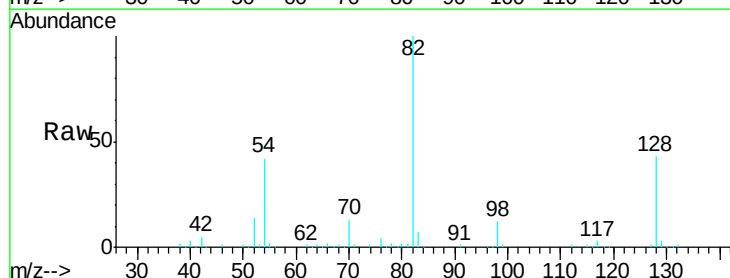
Tgt Ion: 82 Resp: 211593

Ion Ratio Lower Upper

82 100

128 42.5 32.3 48.5

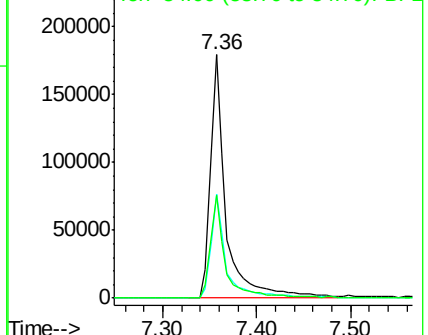
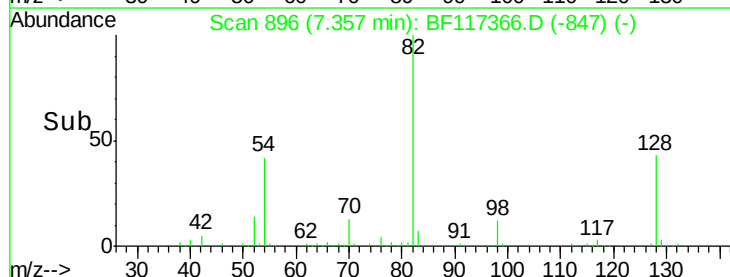
54 42.4 33.3 49.9

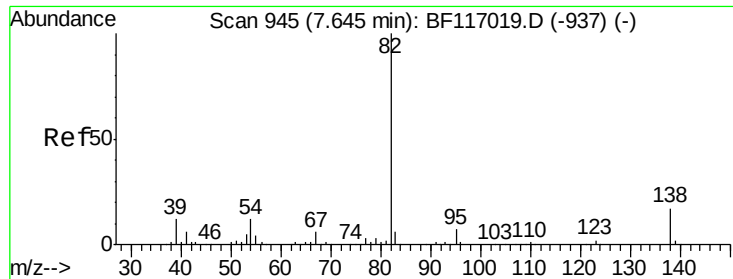


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.509 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Instrument :

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ClientSampled :

TP-2

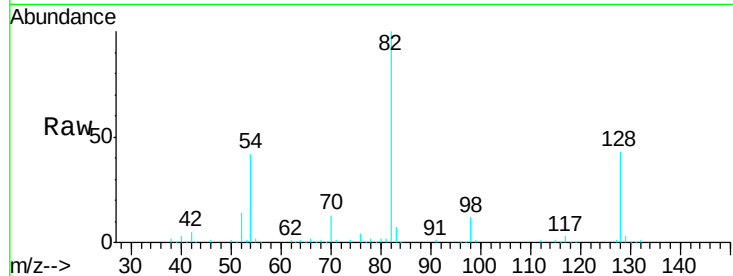
Tgt Ion: 82 Resp: 211591

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

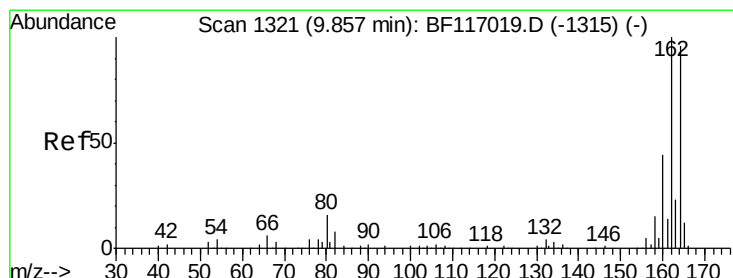
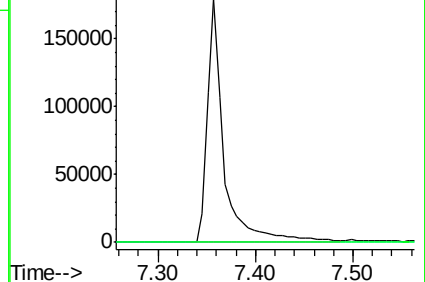
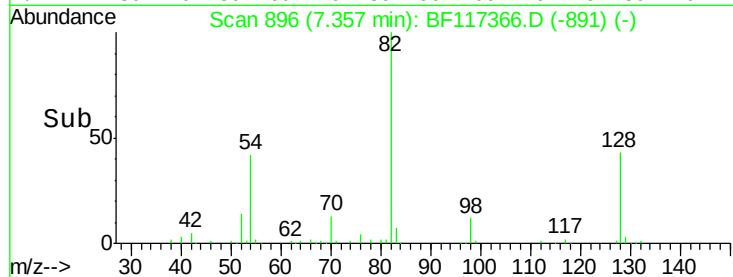
138 0.0 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

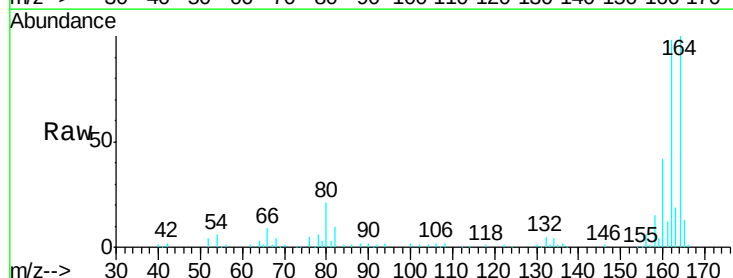
Tgt Ion: 164 Resp: 89661

Ion Ratio Lower Upper

164 100

162 97.7 83.4 125.2

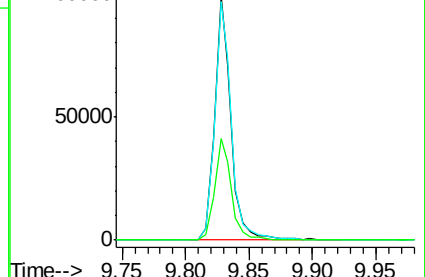
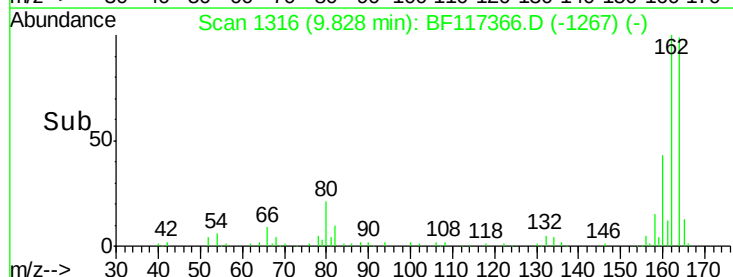
160 41.8 36.4 54.6

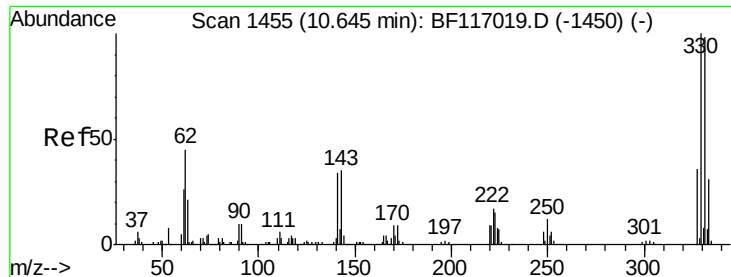


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 91.422 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

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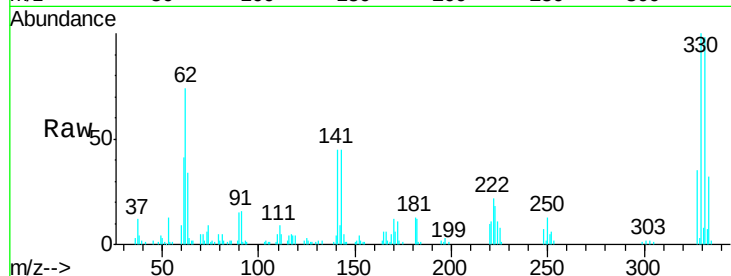
Tgt Ion:330 Resp: 68508

Ion Ratio Lower Upper

330 100

332 98.7 78.0 117.0

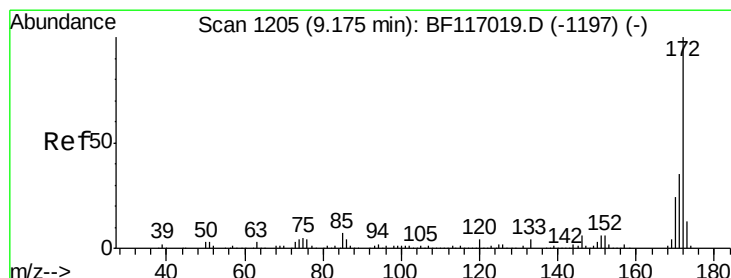
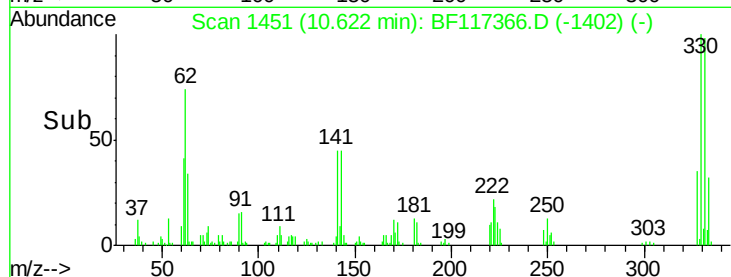
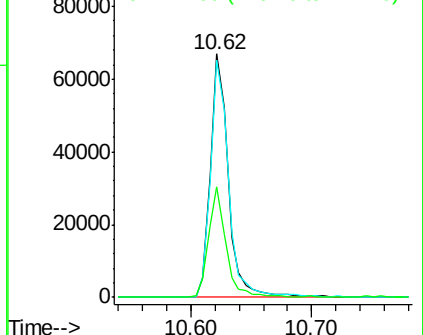
141 44.3 35.8 53.6



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: 57.348 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

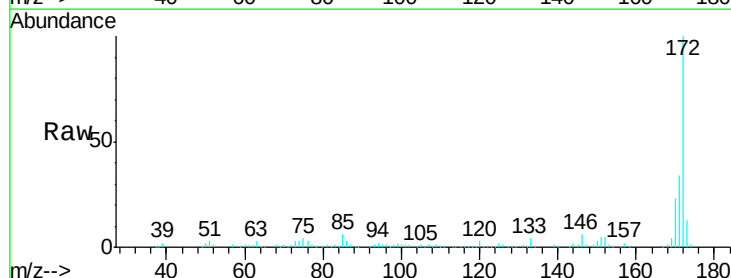
Tgt Ion:172 Resp: 328856

Ion Ratio Lower Upper

172 100

171 33.8 28.2 42.2

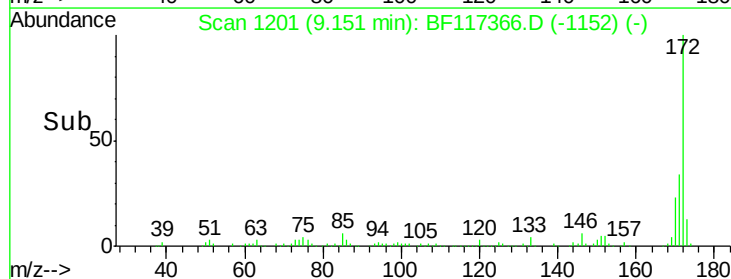
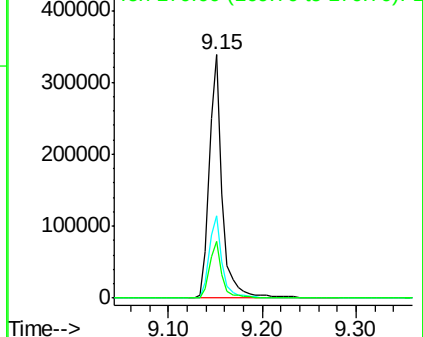
170 23.4 18.9 28.3

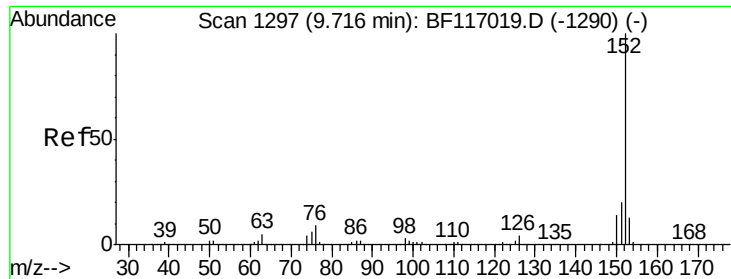


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 2.444 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Instrument :

BNA_F

ClientSampleId :

TP-2

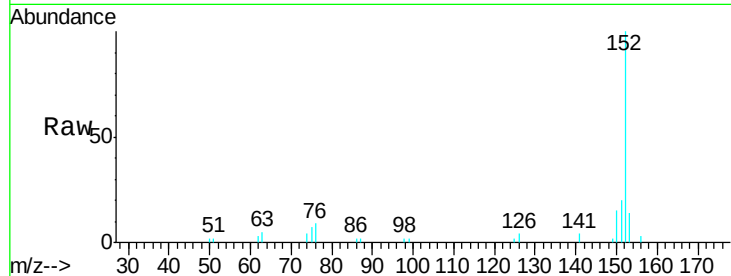
Tgt Ion:152 Resp: 20319

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

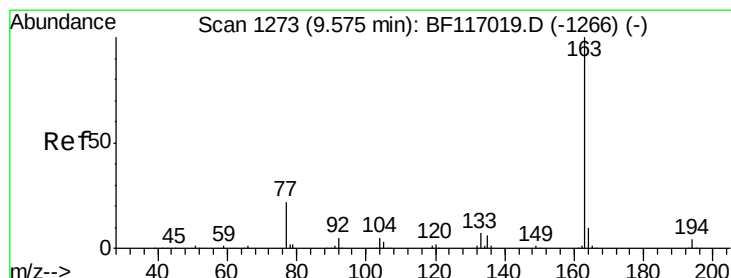
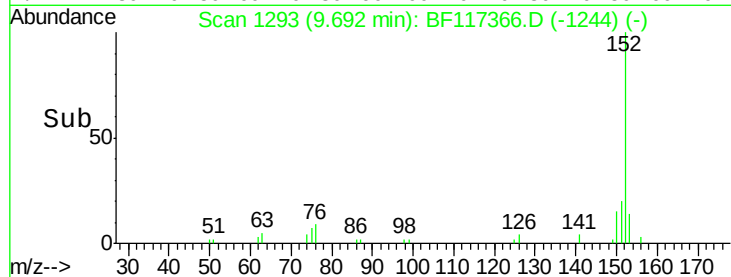
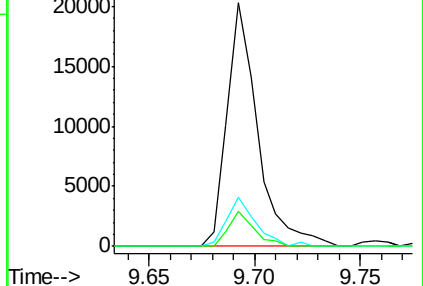
153 14.3 10.2 15.4



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: 7.662 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

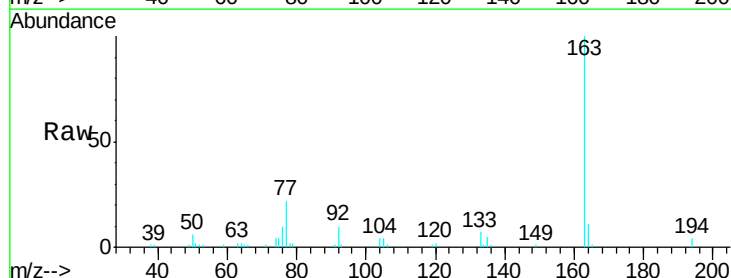
Tgt Ion:163 Resp: 48643

Ion Ratio Lower Upper

163 100

194 4.3 2.9 4.3

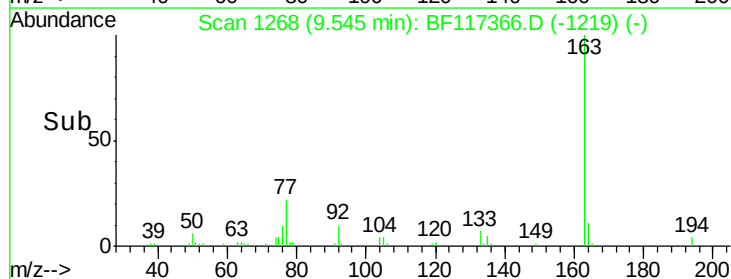
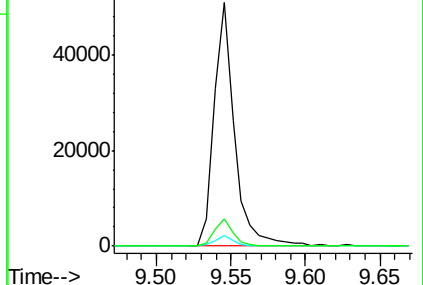
164 11.1 8.2 12.4

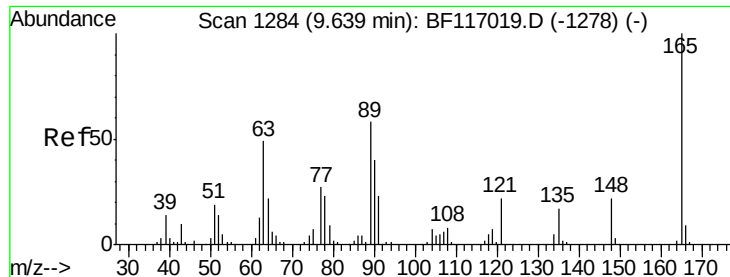


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

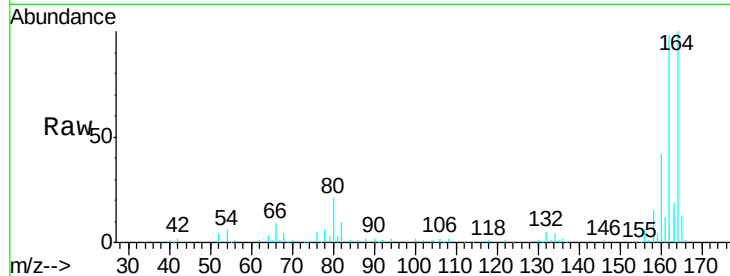




#51
 2,6-Dinitrotoluene
 Concen: 9.426 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF117366.D
 Acq: 10 Oct 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

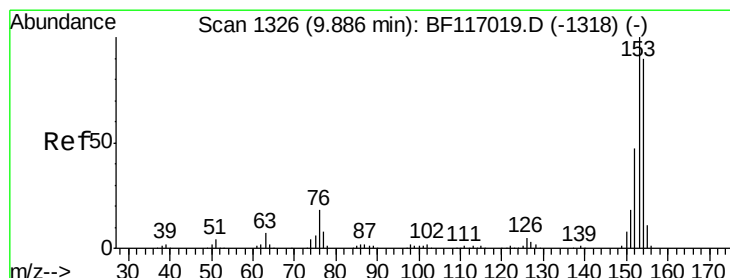
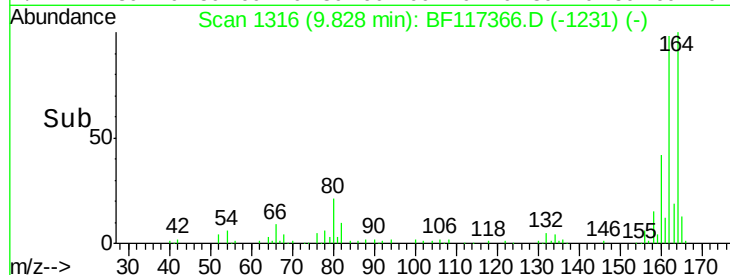
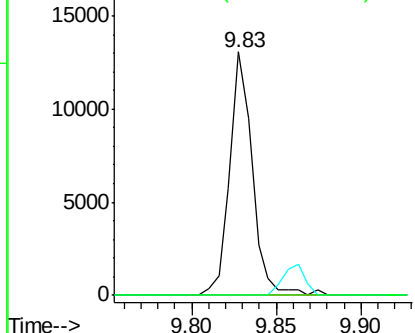
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



Abundance Ion 165.00 (164.70 to 165.70): E

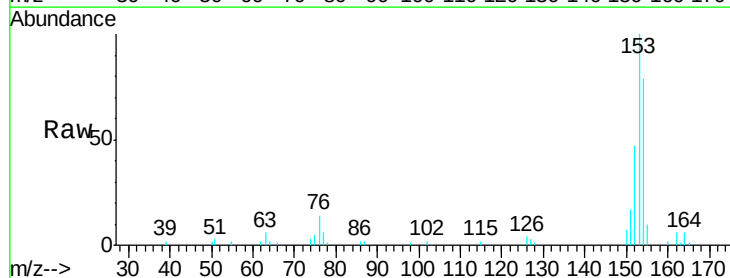
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 4.474 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF117366.D
 Acq: 10 Oct 2019 18:02

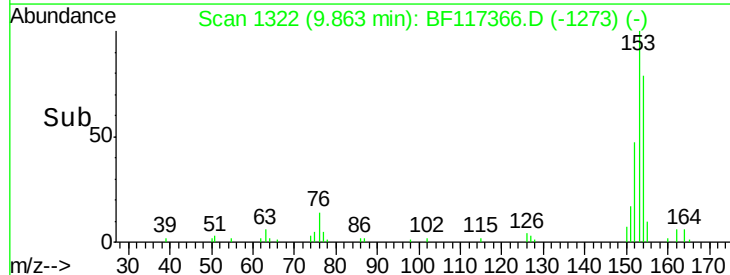
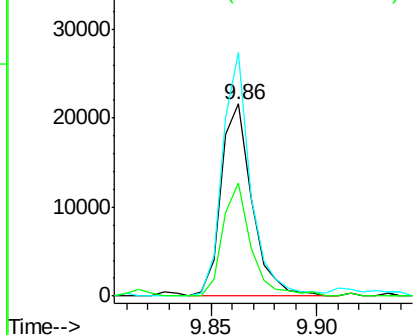
Tgt Ion	Ratio	Lower	Upper
154	100		
153	126.6	89.0	133.6
152	59.0	41.9	62.9

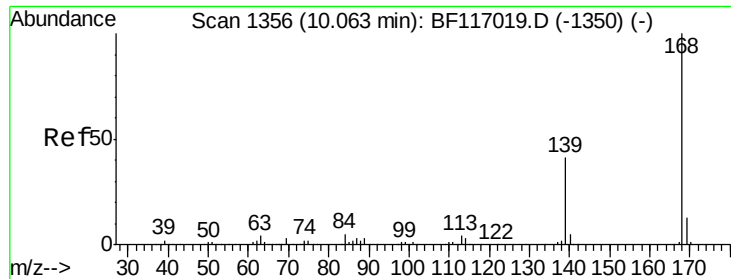


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

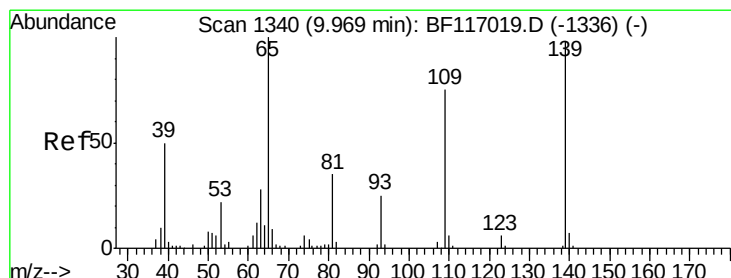
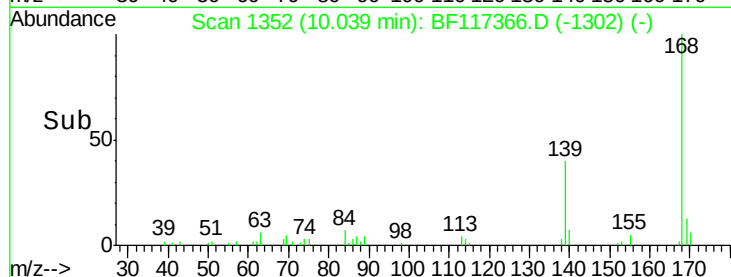
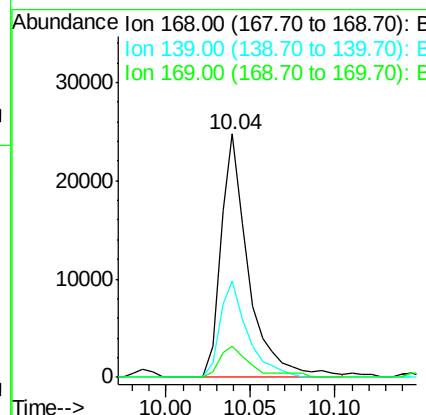
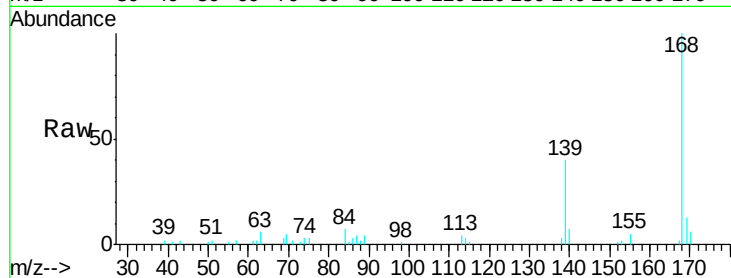




#55
Dibenzofuran
Concen: 3.877 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

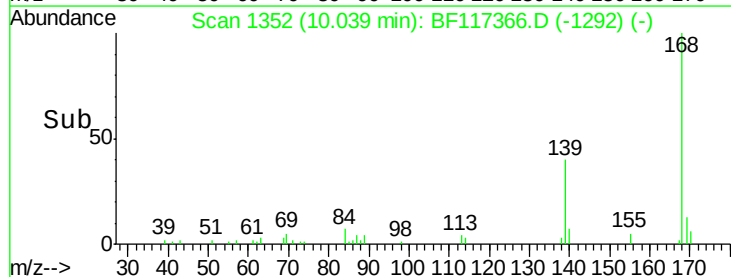
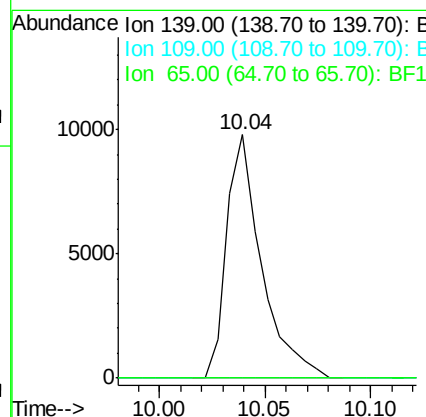
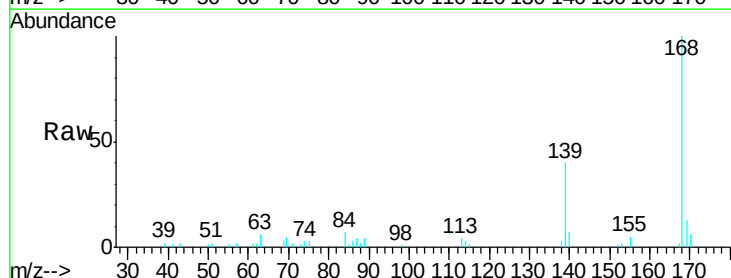
Instrument :
BNA_F
ClientSampleId :
TP-2

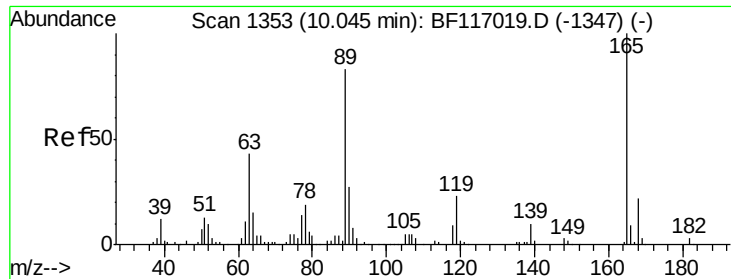
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.8	49.2
169	12.9	10.5	15.7



#56
4-Nitrophenol
Concen: 10.566 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	56.4	96.4#
65	0.0	82.5	122.5#

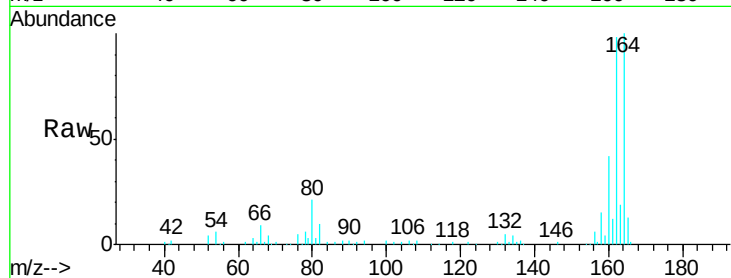




#57
 2,4-Dinitrotoluene
 Concen: 7.261 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF117366.D
 Acq: 10 Oct 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:	165	Resp:	12187
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

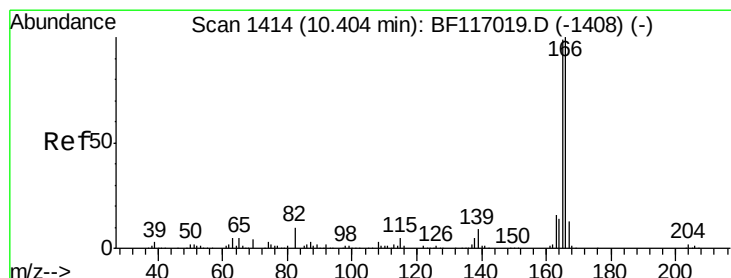
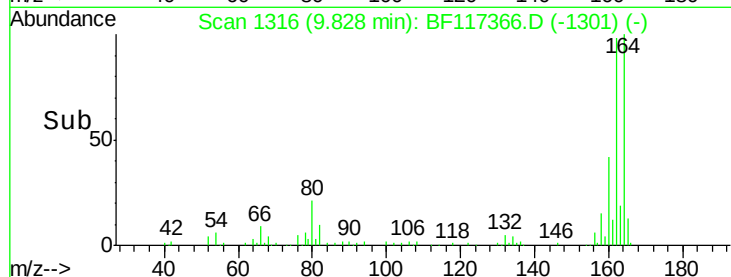
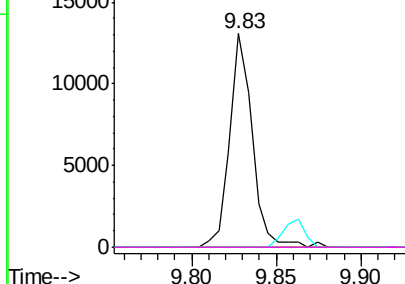


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

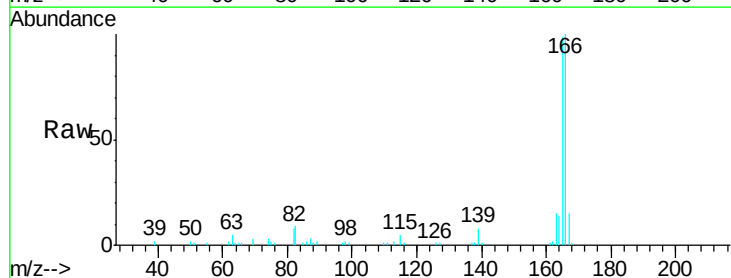
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 10.200 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF117366.D
 Acq: 10 Oct 2019 18:02

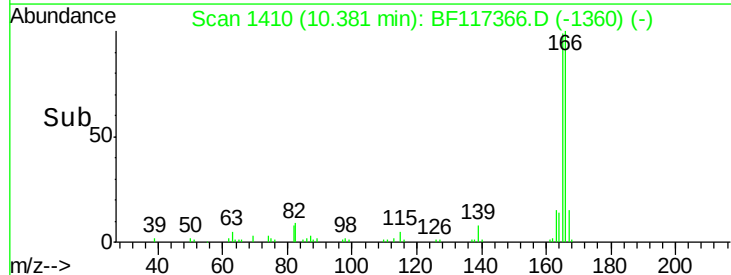
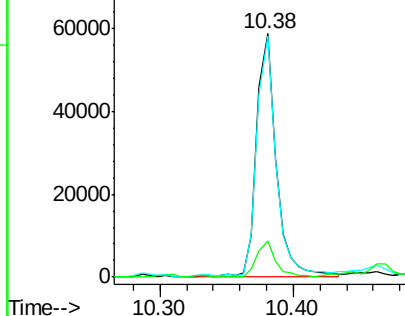
Tgt Ion:	166	Resp:	59753
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.9	118.3
167	14.7	10.6	15.8

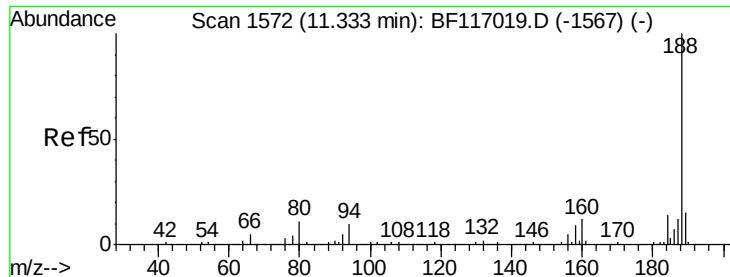


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

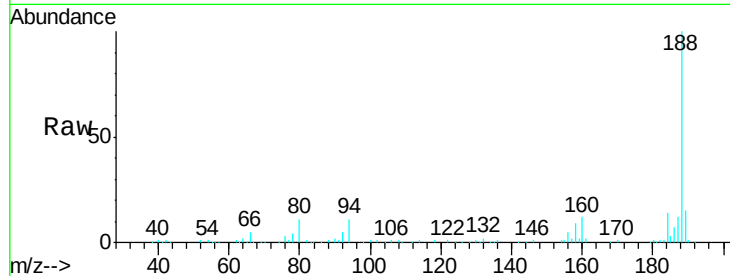




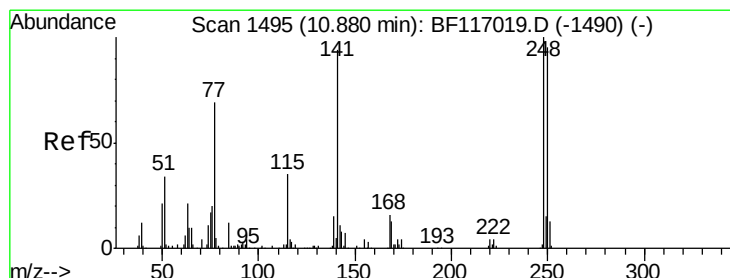
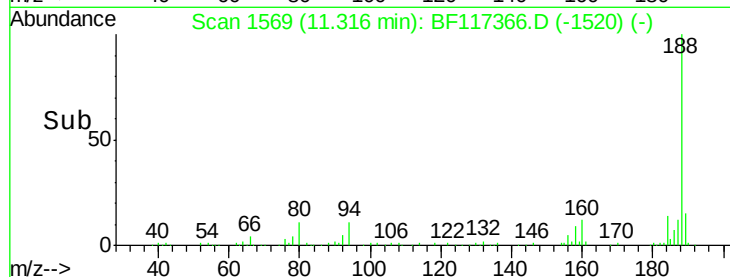
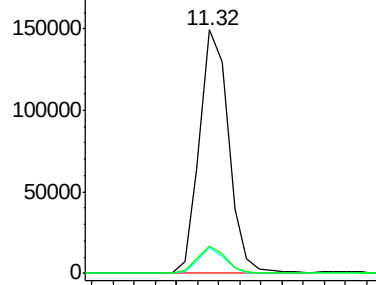
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 143312
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 11.2 9.0 13.6

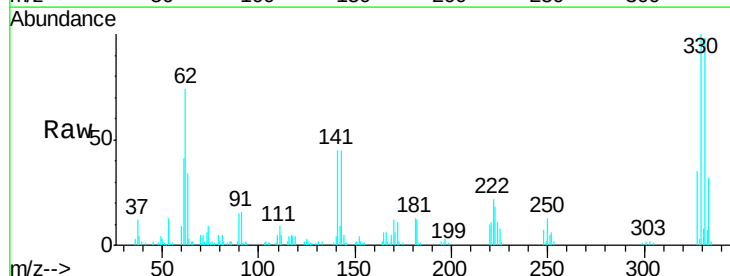


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

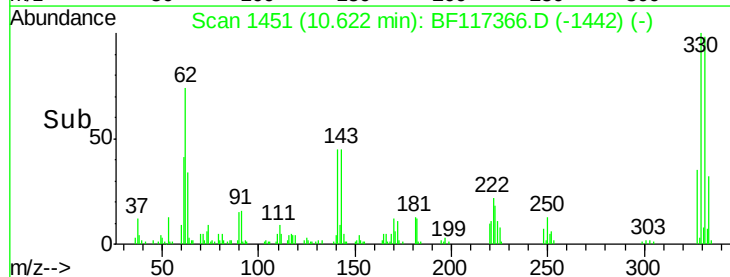
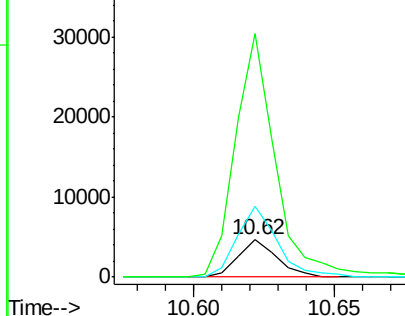


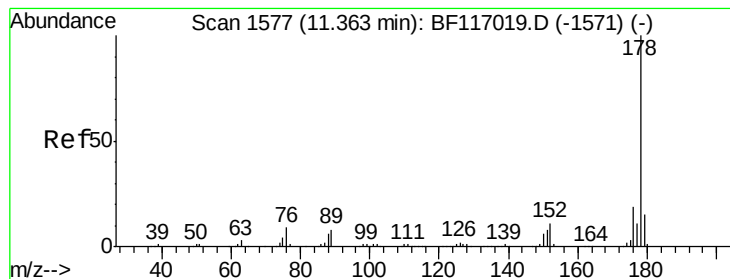
#67
4-Bromophenyl-phenylether
Concen: 3.015 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Tgt Ion:248 Resp: 4413
Ion Ratio Lower Upper
248 100
250 189.6 76.2 114.4#
141 656.6 75.0 112.4#



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





#71

Phenanthrene

Concen: 55.417 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Instrument :

BNA_F

ClientSampleId :

TP-2

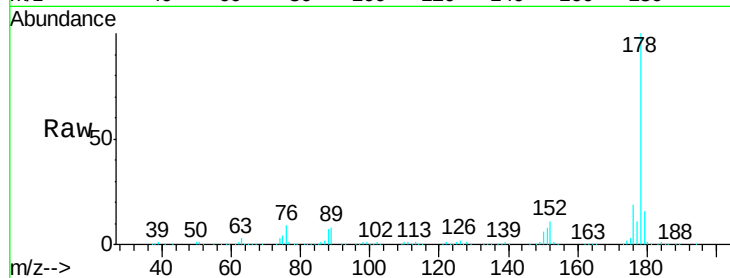
Tgt Ion:178 Resp: 451096

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

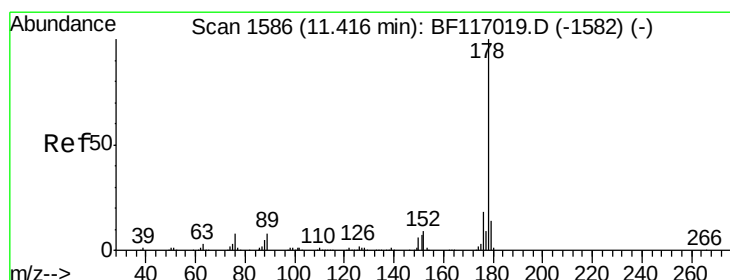
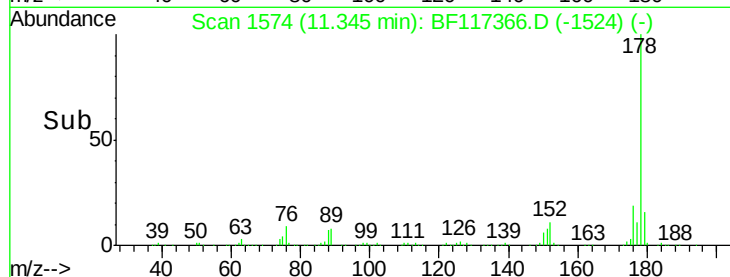
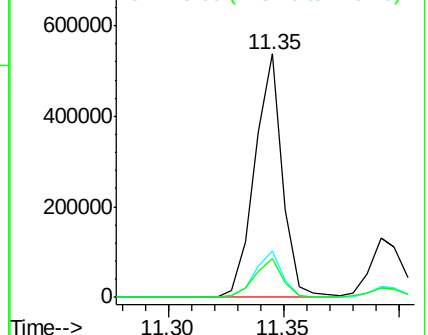
179 15.7 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 16.753 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

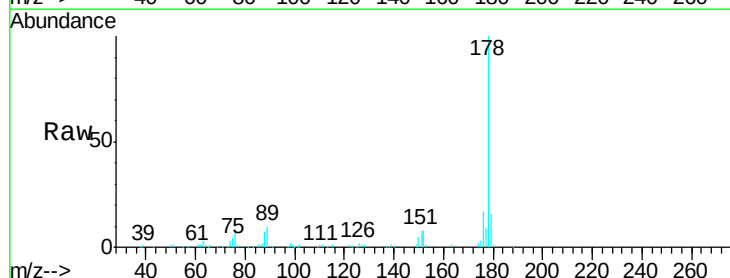
Tgt Ion:178 Resp: 139222

Ion Ratio Lower Upper

178 100

176 16.8 14.6 21.8

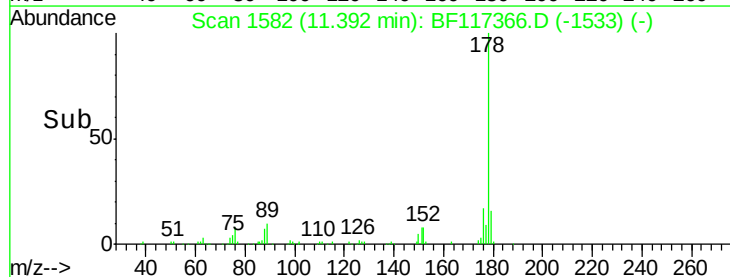
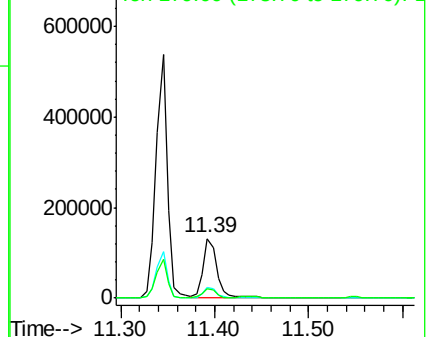
179 15.7 11.6 17.4

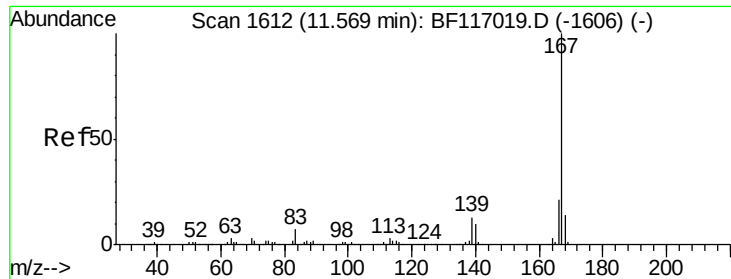


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

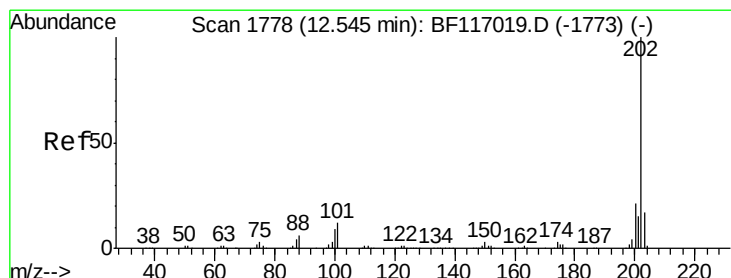
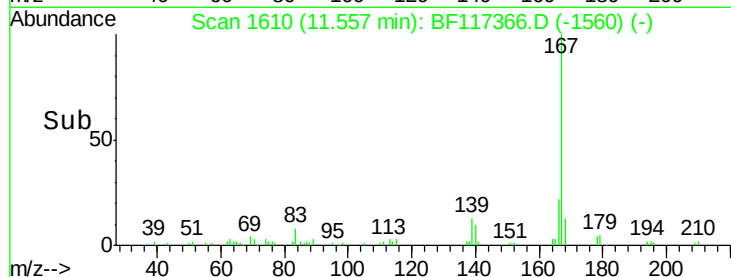
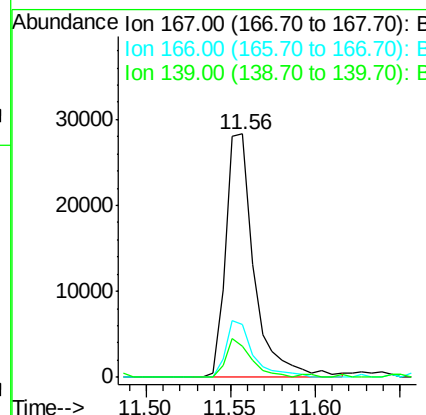
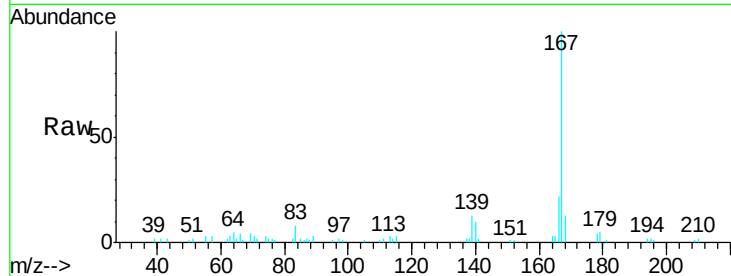




#73
 Carbazole
 Concen: 4.239 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF117366.D
 Acq: 10 Oct 2019 18:02

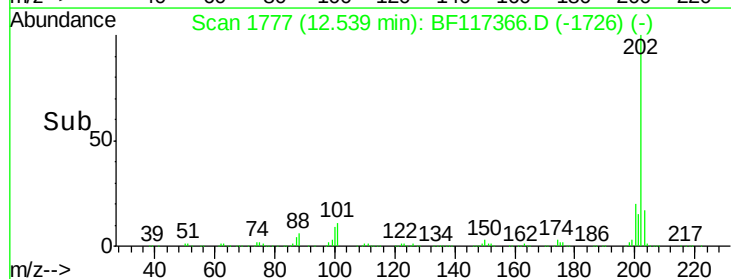
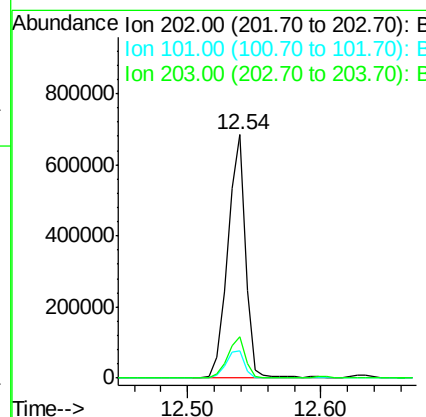
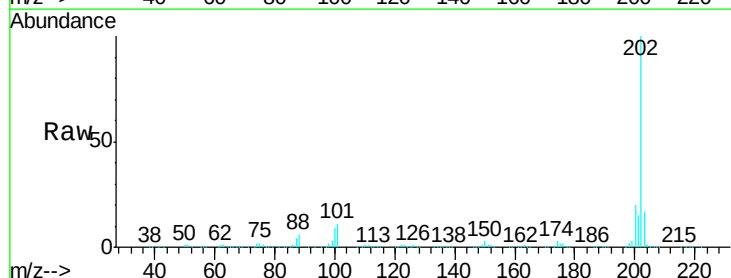
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

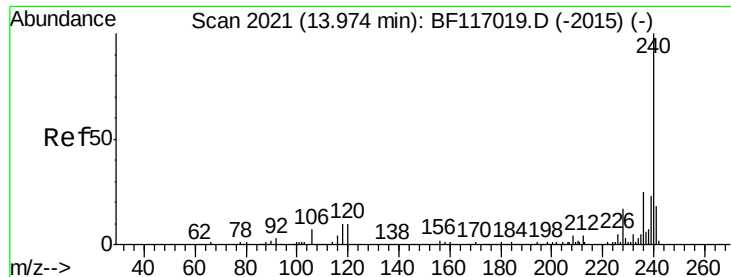
Tgt Ion:167 Resp: 33436
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.0 10.6 16.0



#75
 Fluoranthene
 Concen: 77.637 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF117366.D
 Acq: 10 Oct 2019 18:02

Tgt Ion:202 Resp: 649351
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 32.3
 203 16.9 0.0 37.1

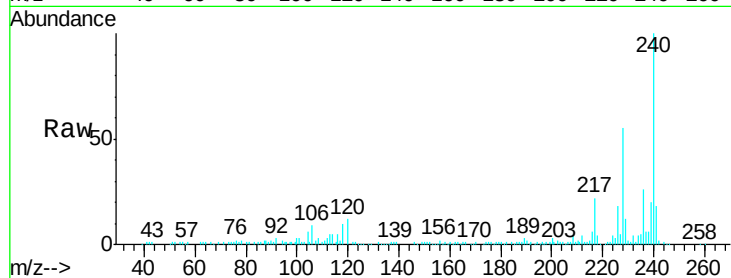




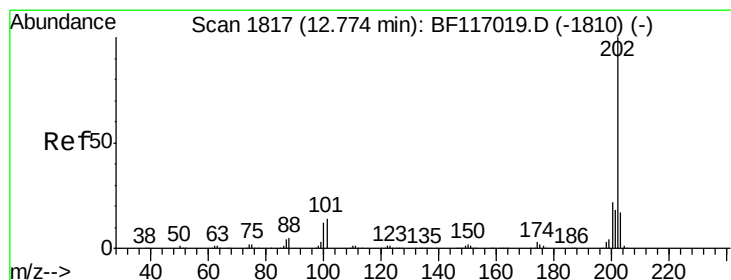
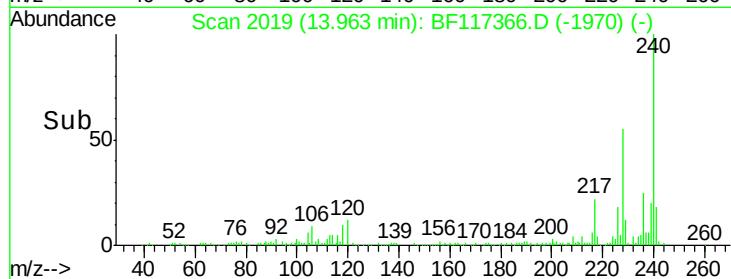
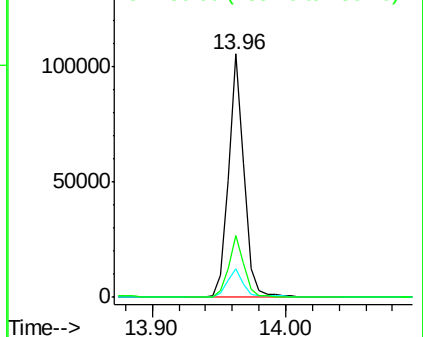
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 86808
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 25.5 20.3 30.5

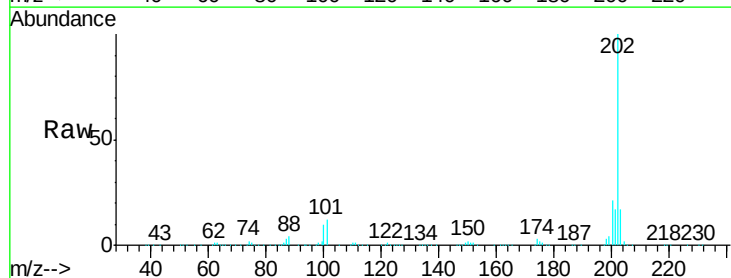


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

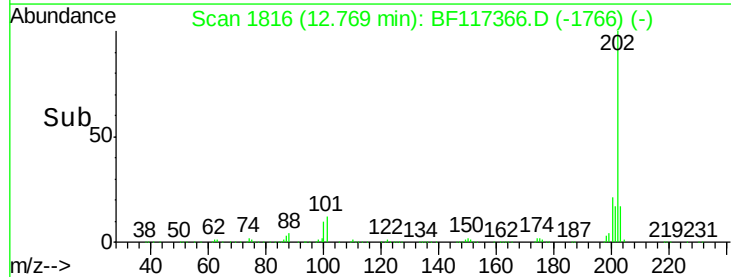
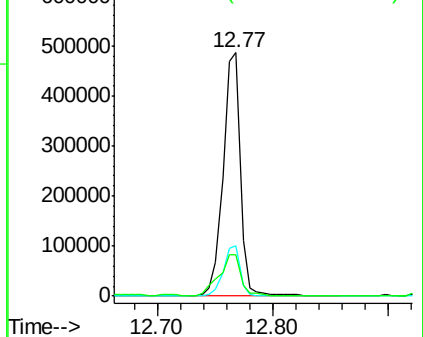


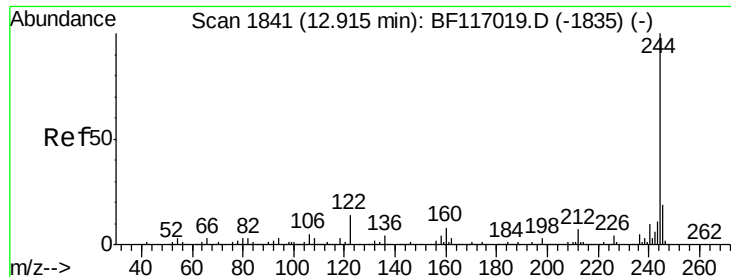
#78
Pyrene
Concen: 69.155 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Tgt Ion:202 Resp: 503713
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 17.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

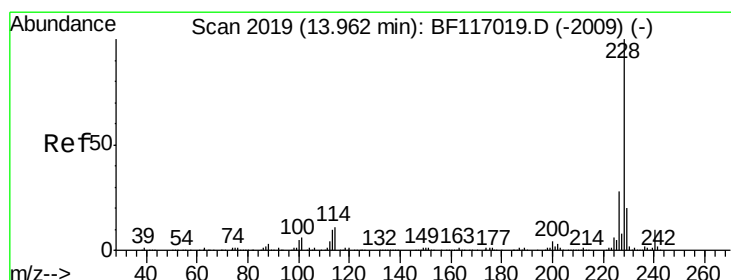
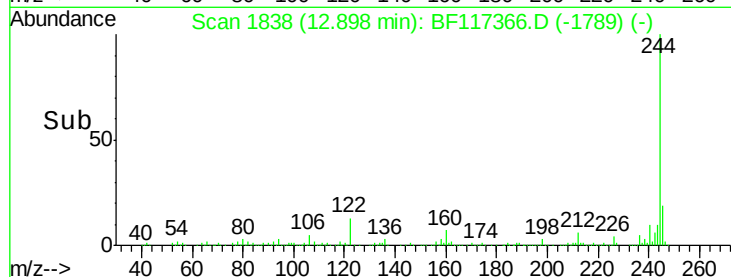
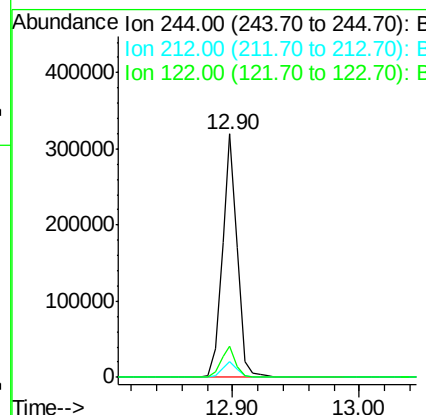
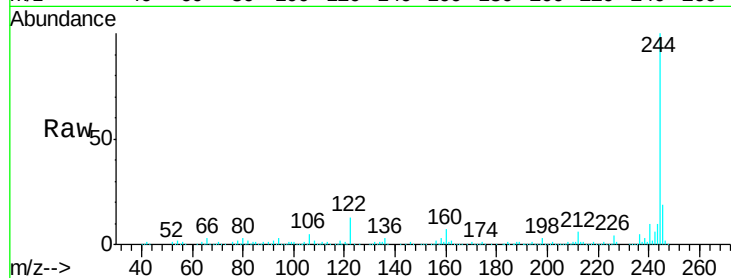




#79
 Terphenyl-d14
 Concen: 56.772 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF117366.D
 Acq: 10 Oct 2019 18:02

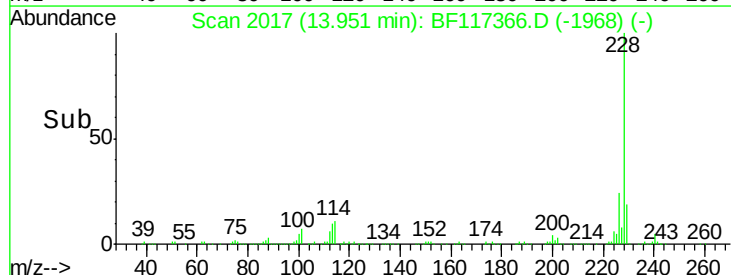
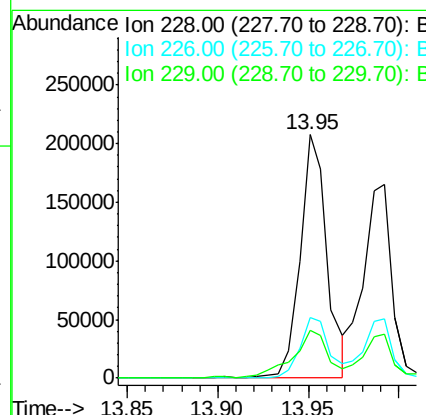
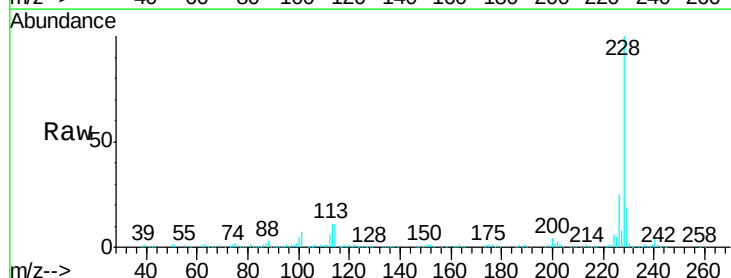
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

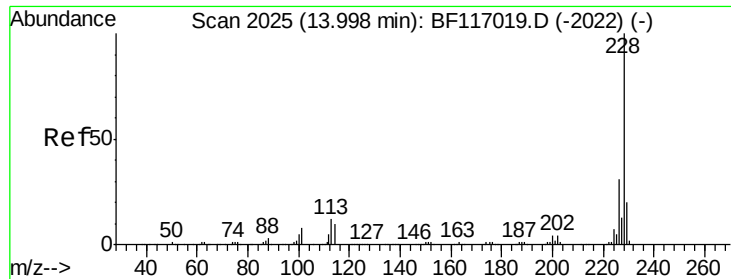
Tgt Ion:244 Resp: 263655
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 12.7 11.3 16.9



#81
 Benzo(a)anthracene
 Concen: 37.332 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF117366.D
 Acq: 10 Oct 2019 18:02

Tgt Ion:228 Resp: 216519
 Ion Ratio Lower Upper
 228 100
 226 24.6 22.3 33.5
 229 19.5 15.9 23.9





#83

Chrysene

Concen: 32.593 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Instrument :

BNA_F

ClientSampled :

TP-2

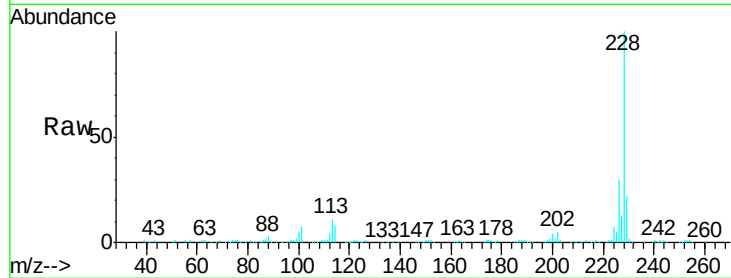
Tgt Ion:228 Resp: 184365

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

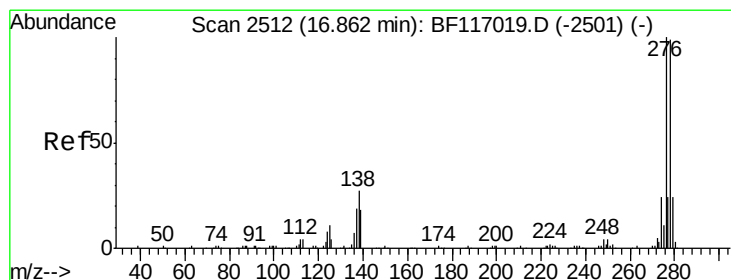
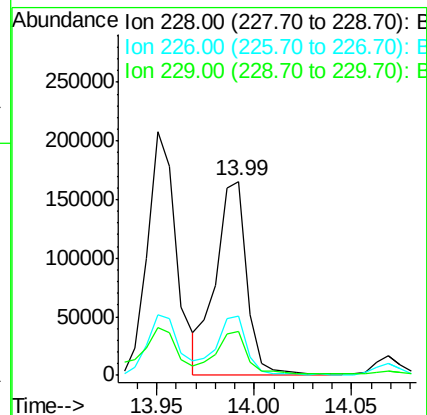
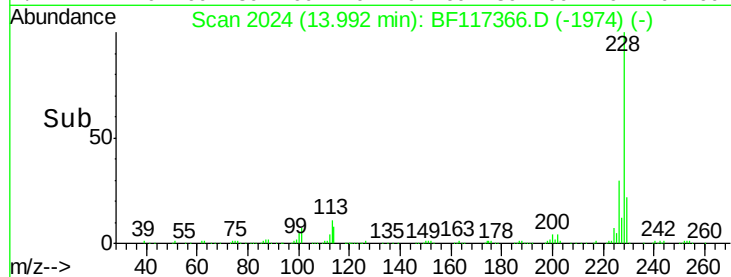
229 22.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 22.650 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.02 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

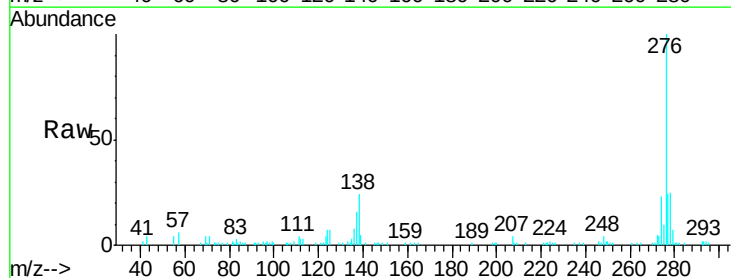
Tgt Ion:276 Resp: 93473

Ion Ratio Lower Upper

276 100

138 24.3 20.7 31.1

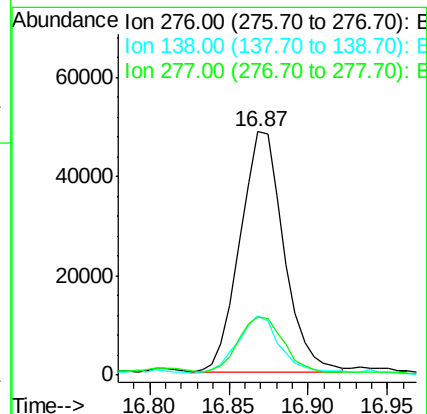
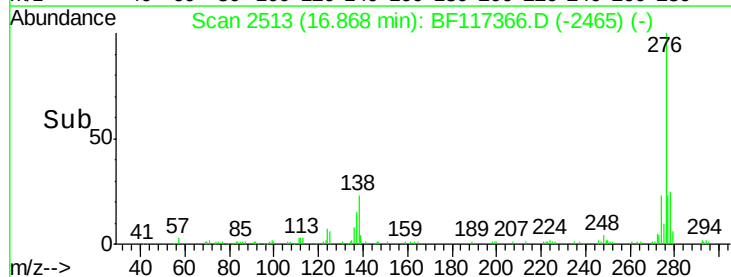
277 23.5 19.8 29.8

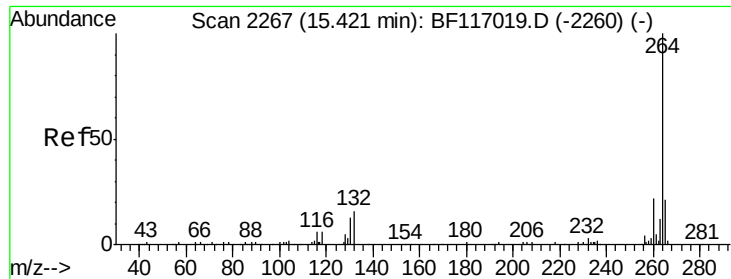


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



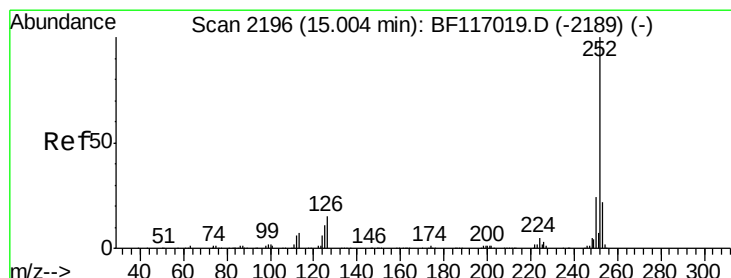
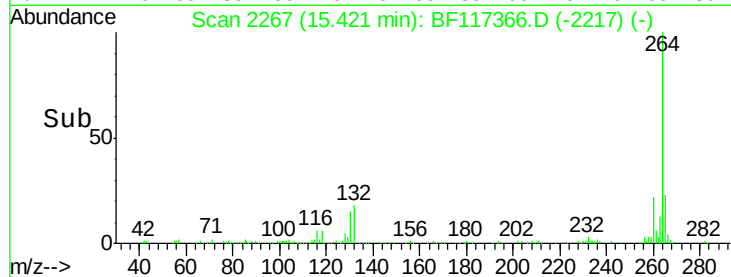
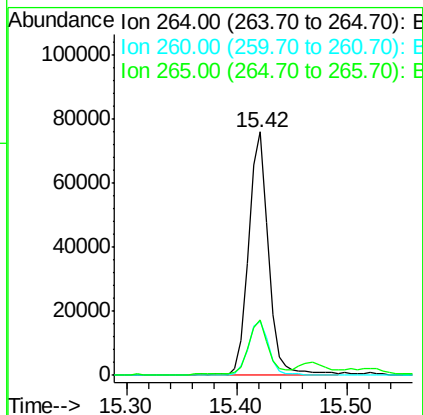
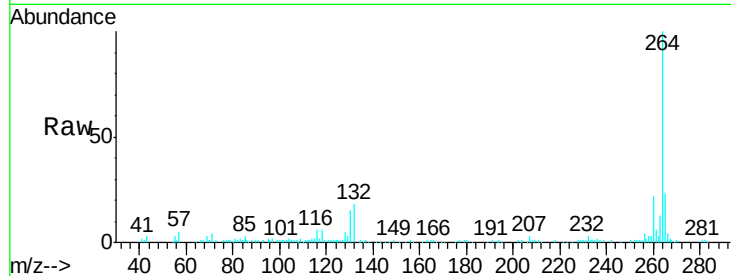


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 264 Resp: 97052

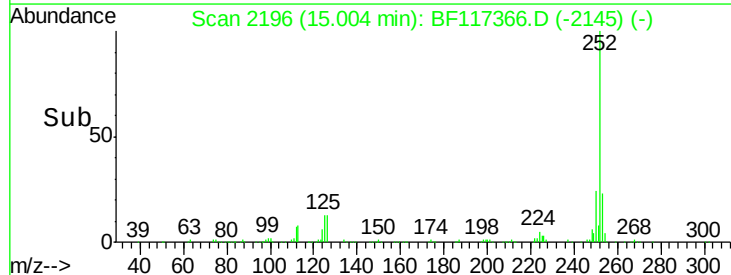
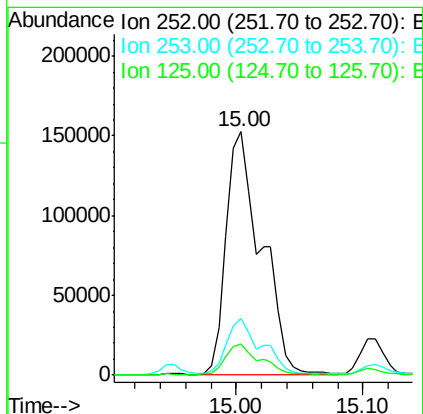
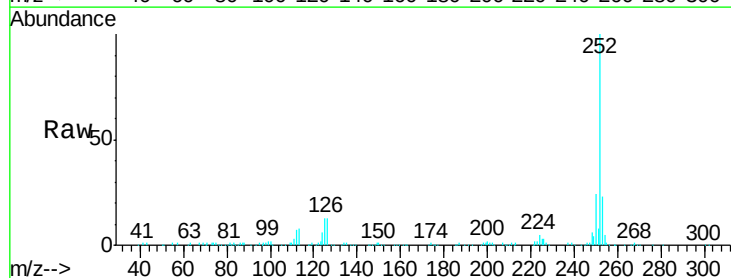
Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.6	26.4
265	22.8	16.6	24.8

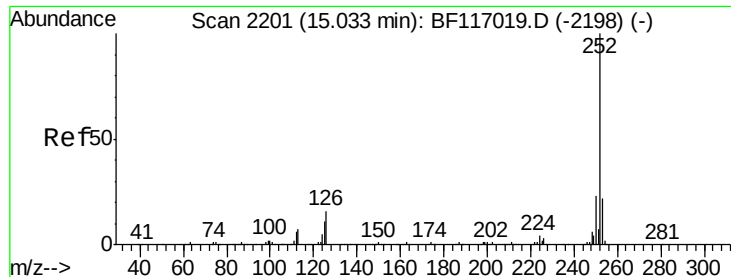


#88
Benzo(b)fluoranthene
Concen: 50.005 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117366.D
Acq: 10 Oct 2019 18:02

Tgt Ion: 252 Resp: 293971

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	12.9	8.6	12.8#





#89

Benzo(k)fluoranthene

Concen: 52.789 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.03 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

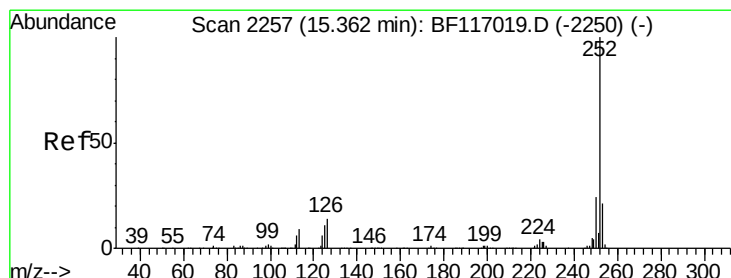
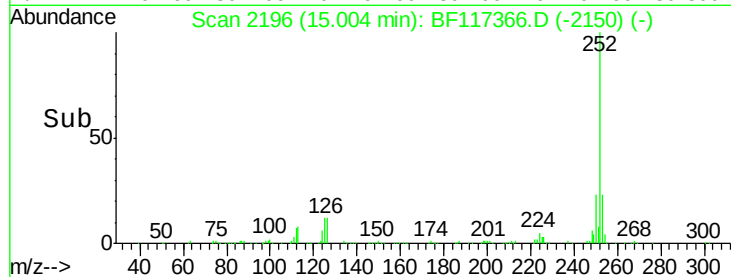
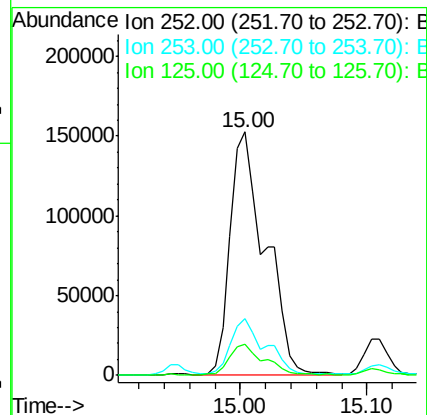
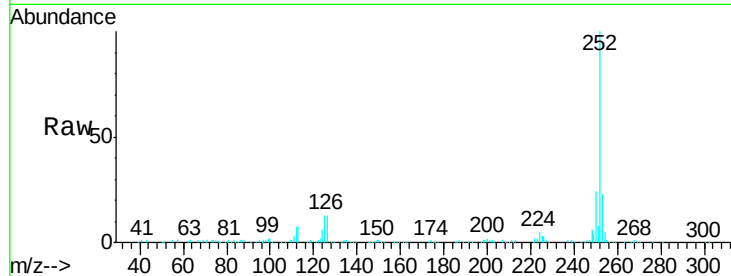
Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion:	252	Resp:	293971
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	12.9	8.8	13.2



#90

Benzo(a)pyrene

Concen: 28.558 ng

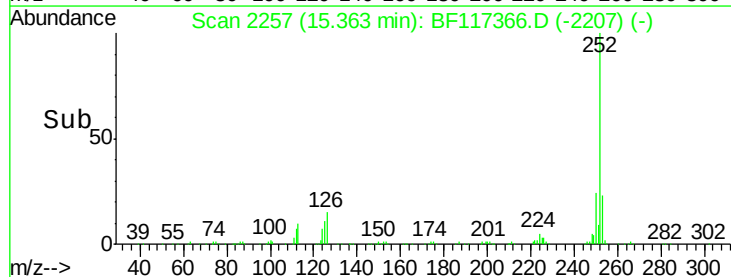
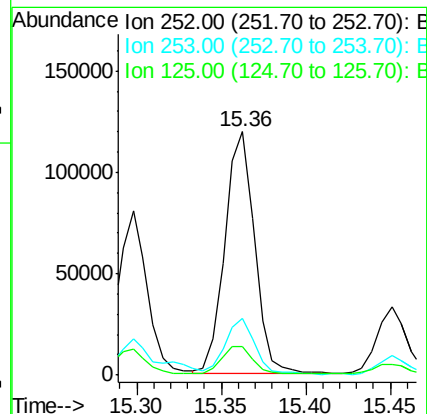
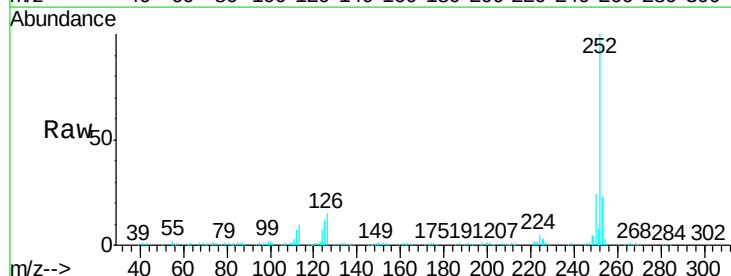
RT: 15.36 min Scan# 2257

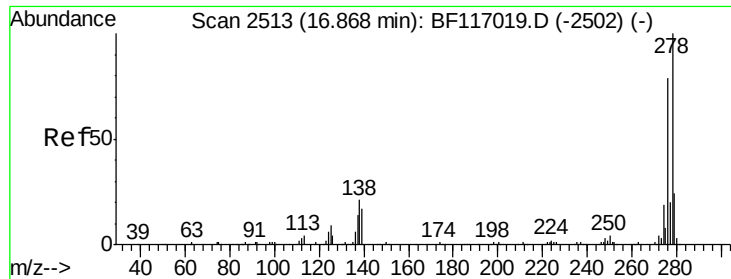
Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Tgt Ion:	252	Resp:	147325
Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.6	25.0
125	11.8	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 4.750 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.15 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

Instrument :

BNA_F

ClientSampleId :

TP-2

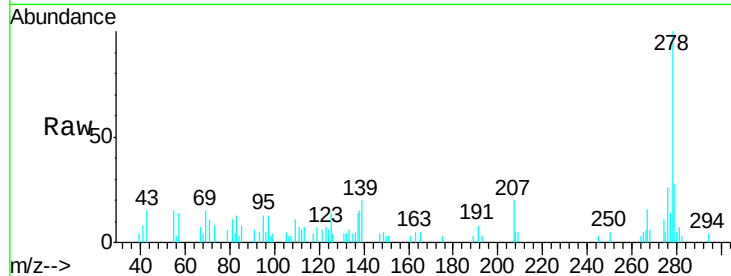
Tgt Ion:278 Resp: 19521

Ion Ratio Lower Upper

278 100

139 20.3 13.5 20.3

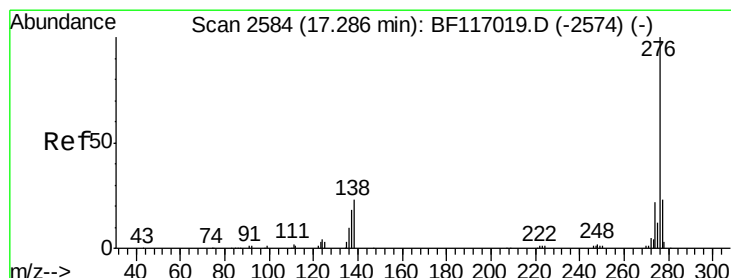
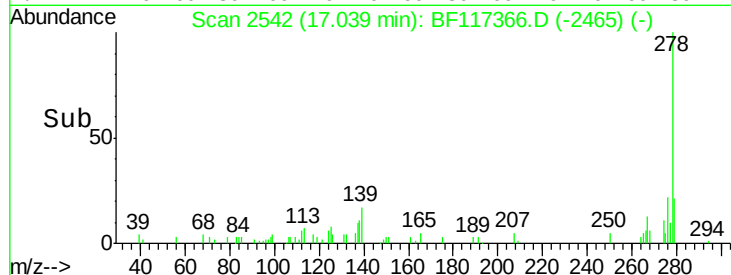
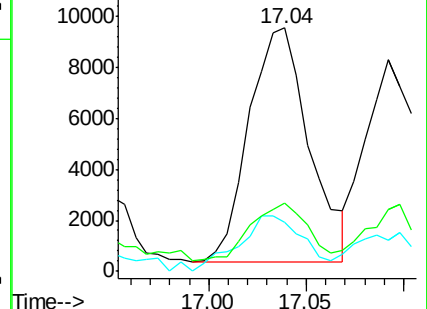
279 28.1 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 20.029 ng

RT: 17.31 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BF117366.D

Acq: 10 Oct 2019 18:02

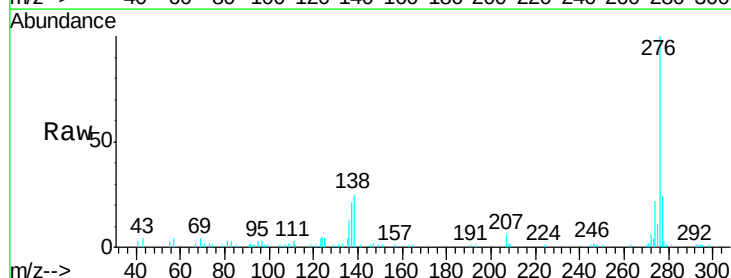
Tgt Ion:276 Resp: 82024

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 25.2 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

