

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117253.D
 Acq On : 25 Sep 2019 21:05
 Operator : JU
 Sample : K4657-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:31:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	35514	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	130380	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	60364	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	81070	20.00	ng	0.00
76) Chrysene-d12	13.97	240	62934	20.00	ng	0.00
87) Perylene-d12	15.43	264	63027	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	222827	97.96	ng	0.00
7) Phenol-d6	6.46	99	301672	102.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	189394	76.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	45666	90.52	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	227399	58.90	ng	0.00
79) Terphenyl-d14	12.92	244	154723	45.95	ng	0.00

Target Compounds

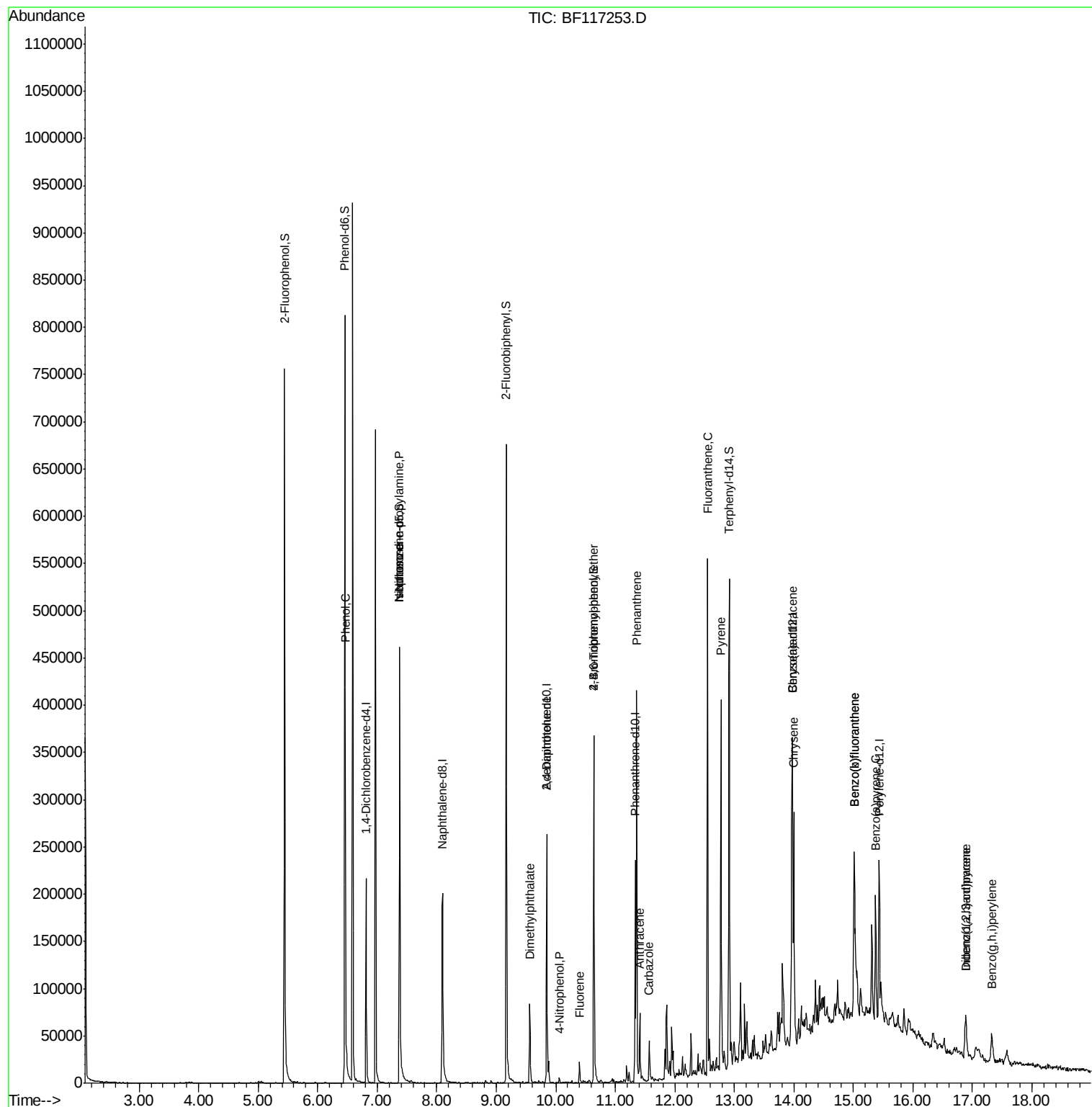
						Qvalue
9) Benzaldehyde	6.46	77	277	Below Cal	#	1
10) Phenol	6.47	94	7542	2.327 ng		87
19) n-Nitroso-di-n-propylamine	7.37	70	25706	14.360 ng	#	81
25) Isophorone	7.37	82	189392	43.107 ng	#	66
50) Dimethylphthalate	9.56	163	37449	8.762 ng		98
56) 4-Nitrophenol	10.06	139	1462	2.054 ng	#	4
57) 2,4-Dinitrotoluene	9.85	165	7708	6.822 ng	#	18
58) Fluorene	10.40	166	8134	2.062 ng		89
67) 4-Bromophenyl-phenylether	10.64	248	2975	3.593 ng	#	1
71) Phenanthrene	11.36	178	148256	32.196 ng		98
72) Anthracene	11.41	178	34456	7.329 ng		99
73) Carbazole	11.57	167	20817	4.665 ng		96
75) Fluoranthene	12.55	202	208249	44.015 ng		97
78) Pyrene	12.78	202	174088	32.967 ng		97
81) Benzo(a)anthracene	13.97	228	93388	22.210 ng		98
83) Chrysene	14.00	228	89228	21.758 ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	28841	9.640 ng		98
88) Benzo(b)fluoranthene	15.02	252	124877	32.709 ng		98
89) Benzo(k)fluoranthene	15.02	252	124877	34.530 ng		98
90) Benzo(a)pyrene	15.37	252	64405	19.224 ng		97
91) Dibenzo(a,h)anthracene	16.89	278	8550	3.204 ng		96
92) Benzo(g,h,i)perylene	17.32	276	26866	10.102 ng	#	92

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

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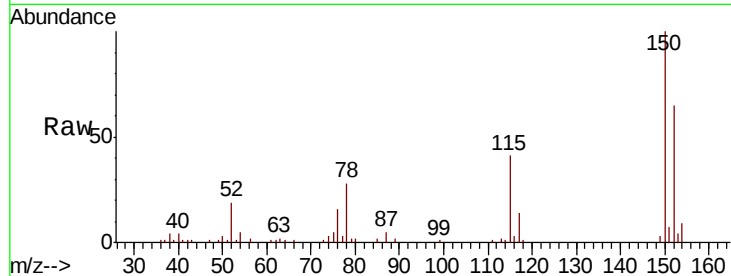


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117253.D
 Acq: 25 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	127.5	191.3
115	62.3	55.0	82.4

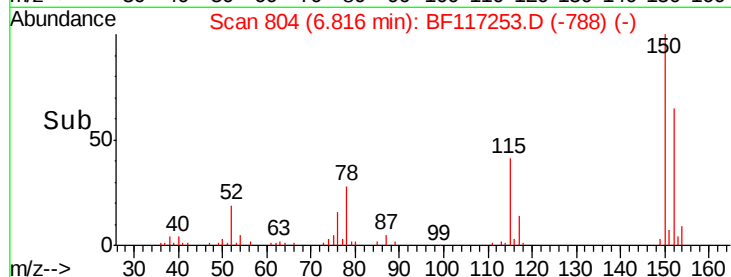
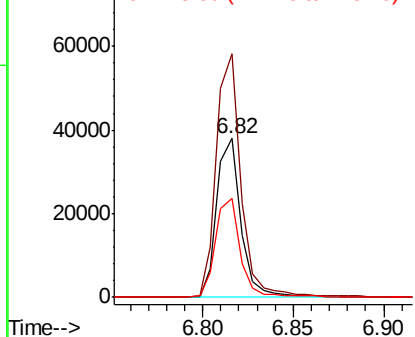


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

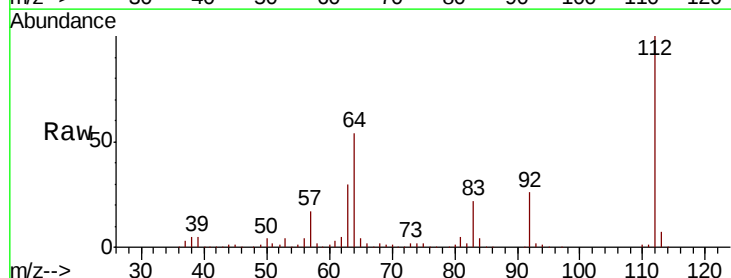
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 97.958 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF117253.D
 Acq: 25 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	30.5	24.9	37.3

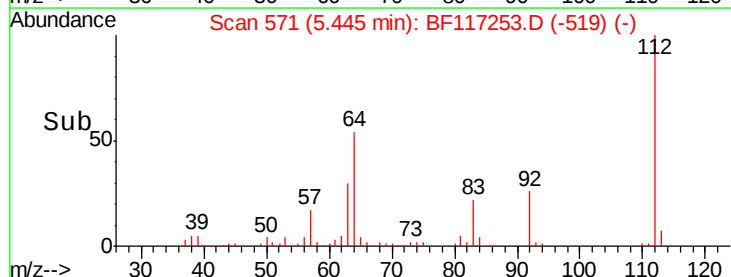
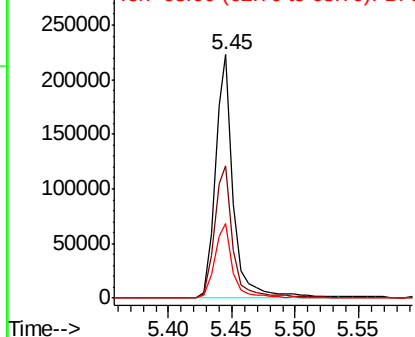


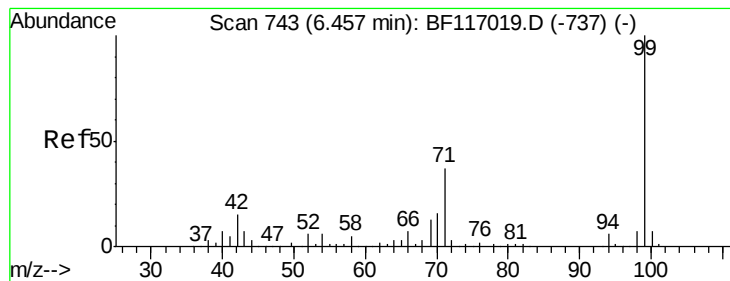
Abundance

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: 102.618 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Instrument :

BNA_F

ClientSampled :

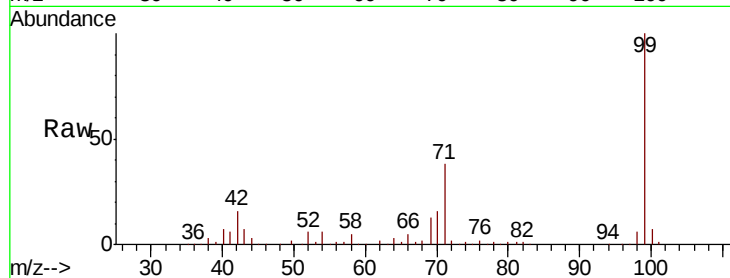
Tot Ion: 99 Resp: 301672

Ion Ratio Lower Upper

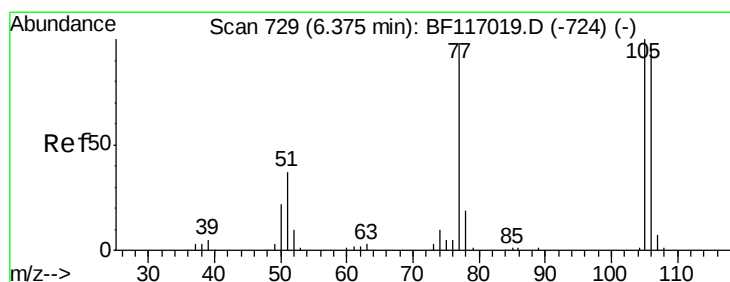
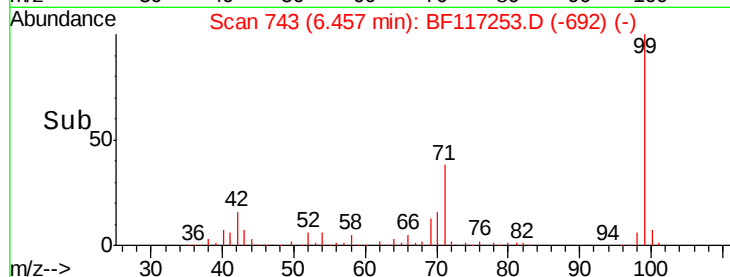
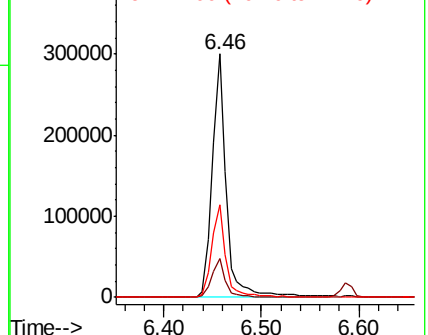
99 100

42 15.9 12.2 18.2

71 38.0 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: 6.46 min Scan# 743

Delta R.T. 0.08 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

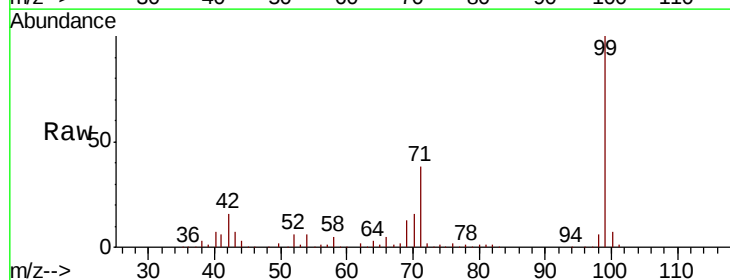
Tgt Ion: 77 Resp: 277

Ion Ratio Lower Upper

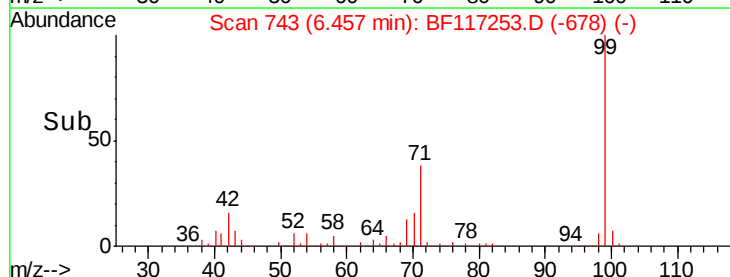
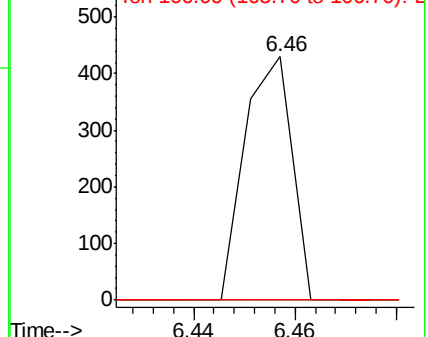
77 100

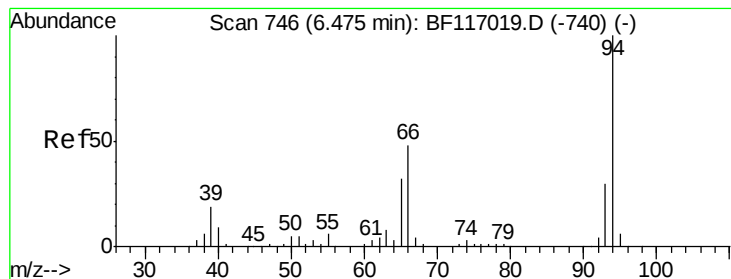
105 0.0 81.8 121.8#

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): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.327 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

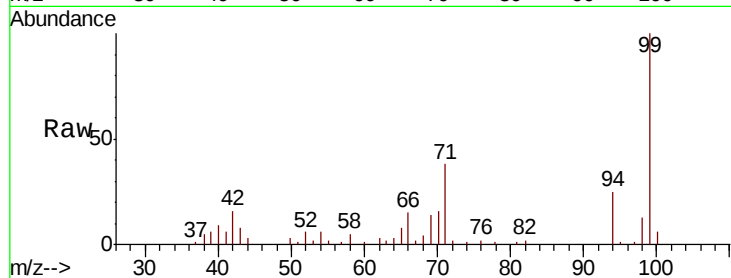
Tot Ion: 94 Resp: 7542

Ion Ratio Lower Upper

94 100

65 31.0 12.5 52.5

66 62.6 28.9 68.9

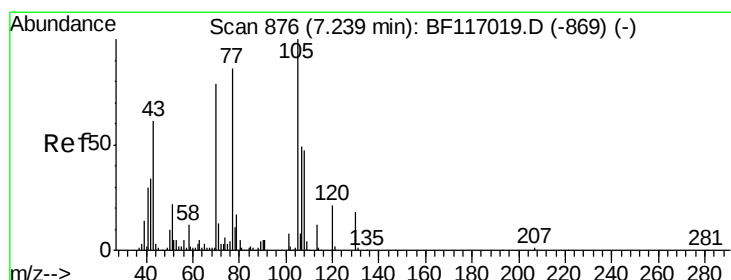
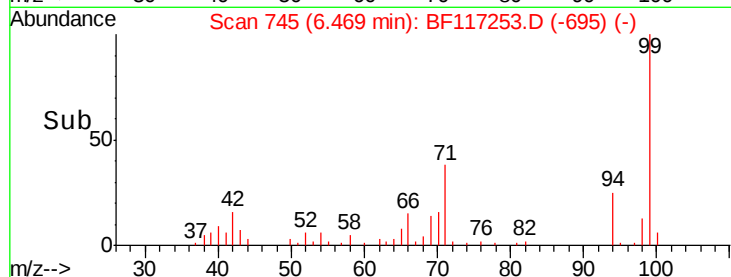
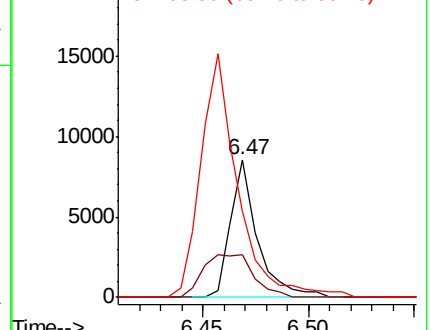


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.360 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Tgt Ion: 70 Resp: 25706

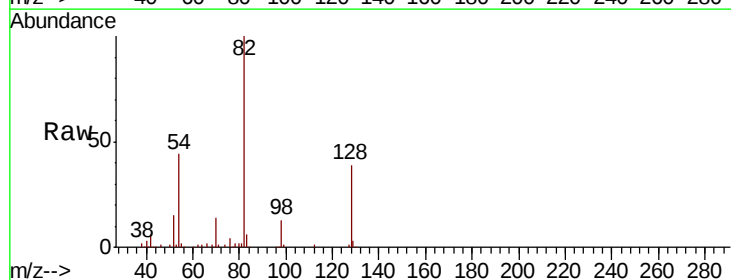
Ion Ratio Lower Upper

70 100

42 40.0 34.0 51.0

101 0.0 7.8 11.6#

130 1.4 17.8 26.8#



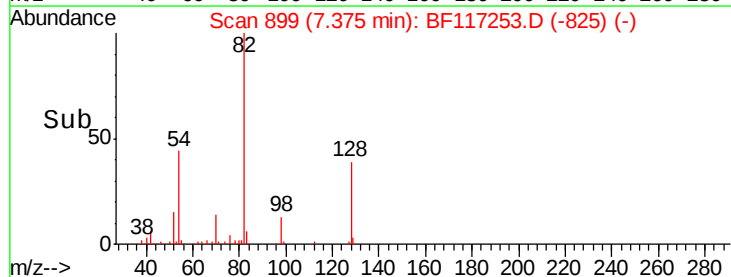
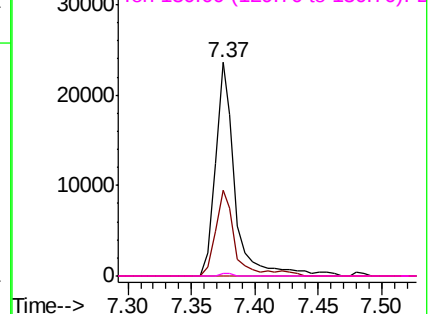
Abundance

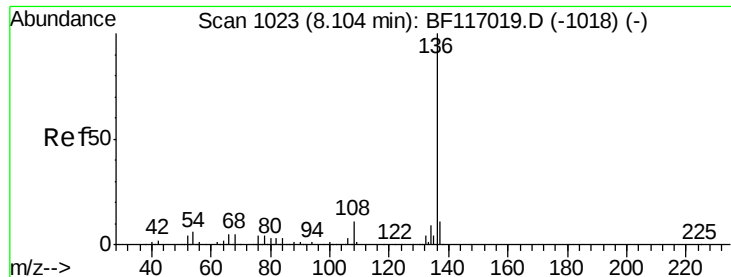
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

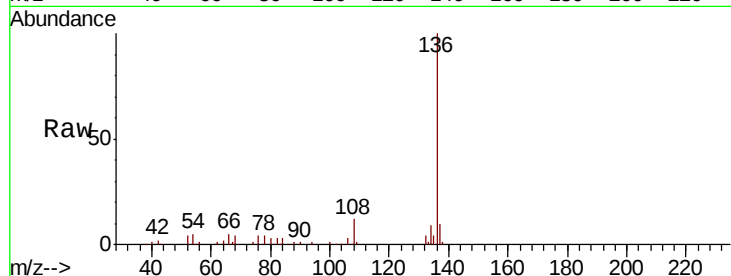




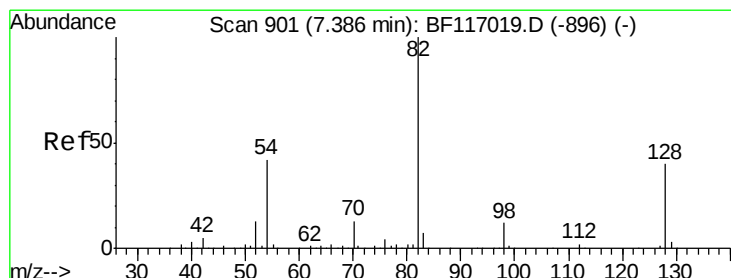
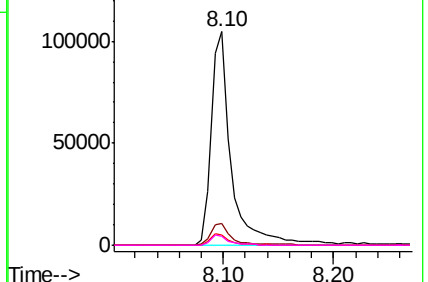
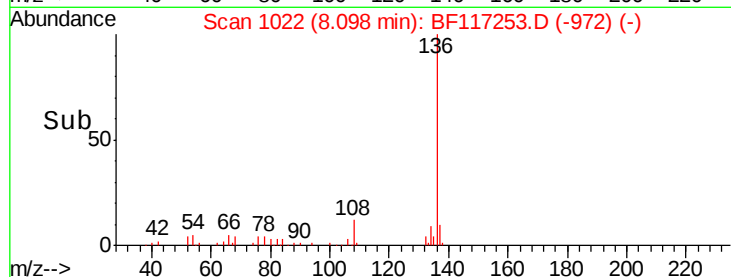
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	130380
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.0 13.4
54	4.7	4.5 6.7
68	4.1	4.0 6.0

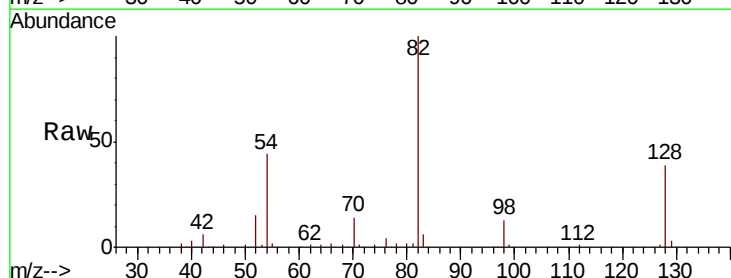


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

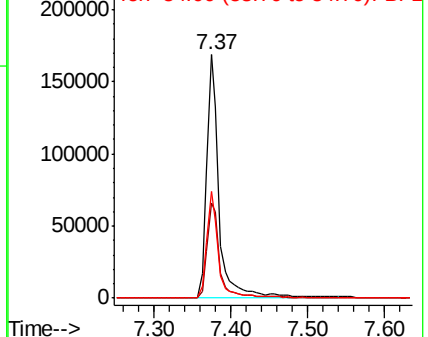
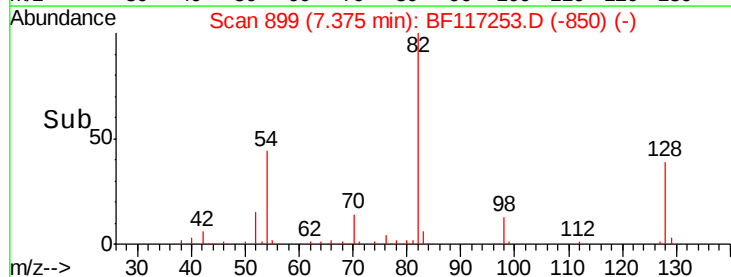


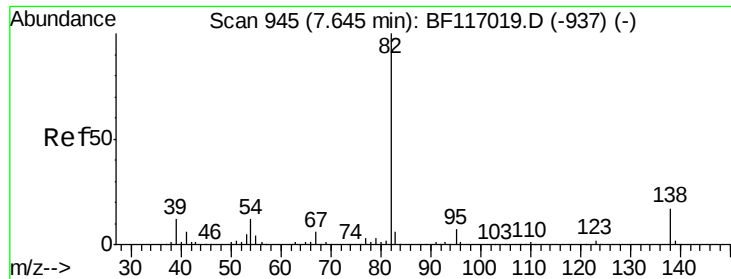
#23
Nitrobenzene-d5
Concen: 76.325 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Tgt Ion: 82	Resp:	189394
Ion	Ratio	Lower Upper
82	100	
128	39.1	32.3 48.5
54	43.8	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: 43.107 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.27 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

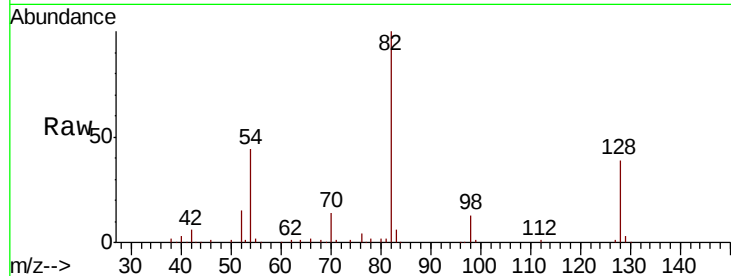
Tot Ion: 82 Resp: 189392

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

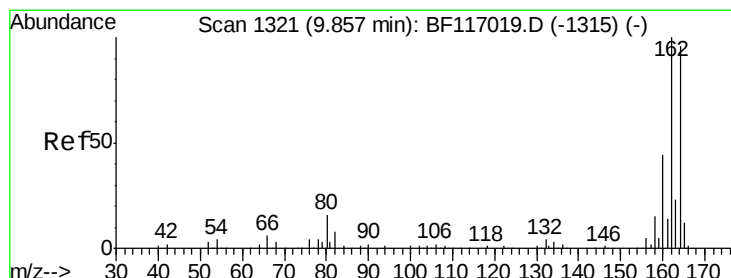
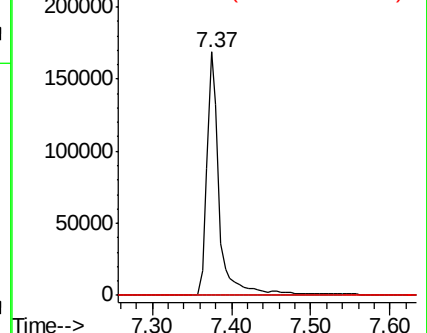
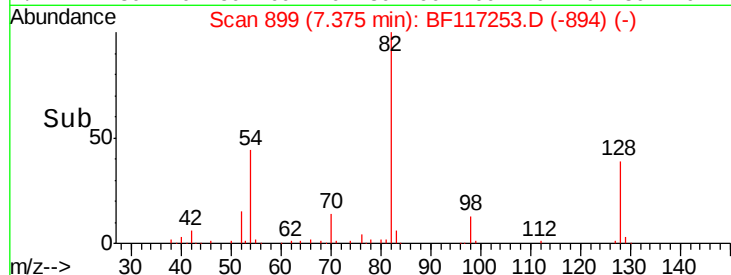
138 0.0 13.5 20.3#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

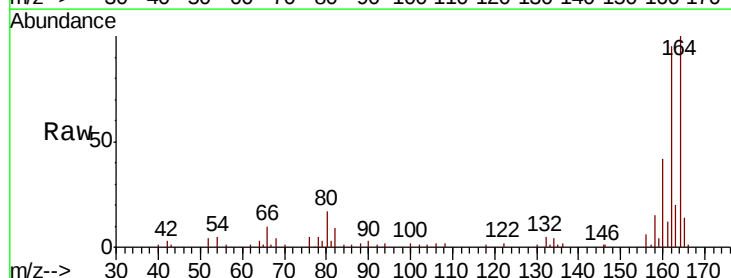
Tgt Ion: 164 Resp: 60364

Ion Ratio Lower Upper

164 100

162 95.3 83.4 125.2

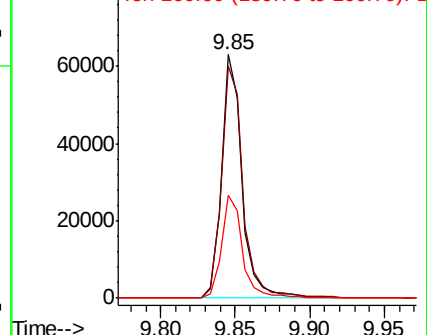
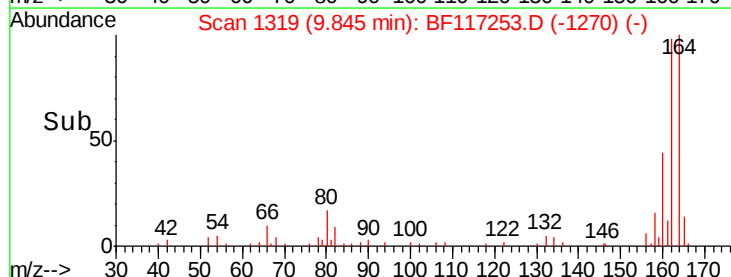
160 42.2 36.4 54.6



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

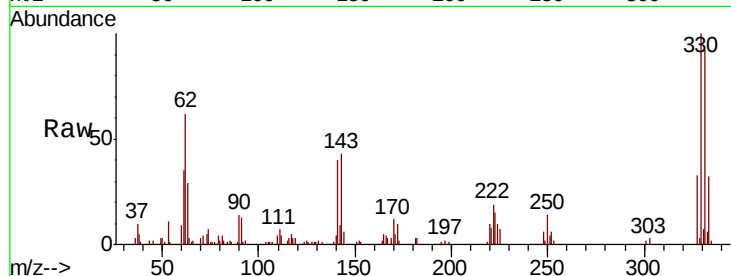




#42
 2,4,6-Tribromophenol
 Concen: 90.516 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117253.D
 Acq: 25 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	45.6	35.8	53.6

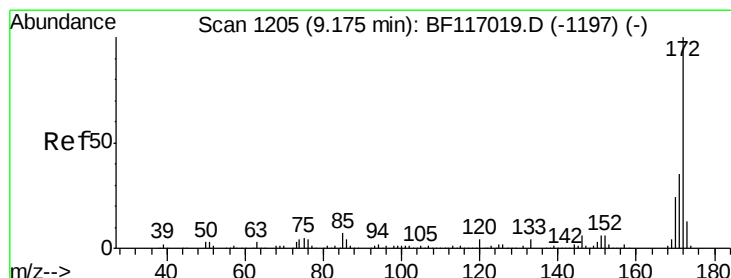
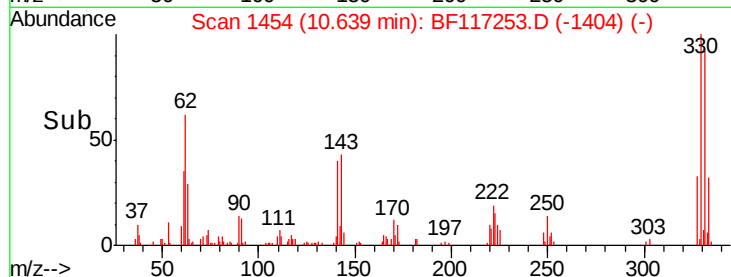
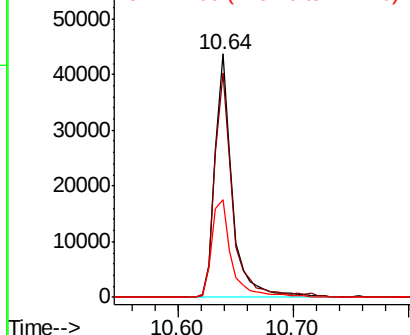


Abundance

Ion 329.80 (329.50 to 330.50): E

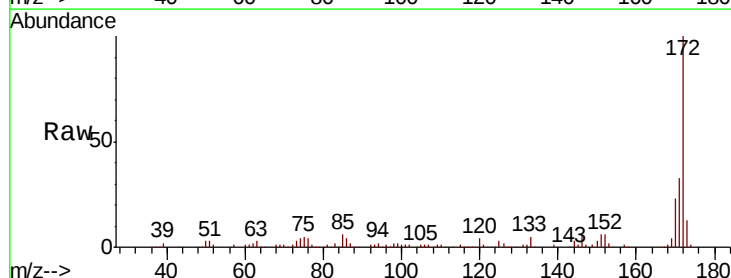
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.902 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF117253.D
 Acq: 25 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.2	42.2
170	23.5	18.9	28.3

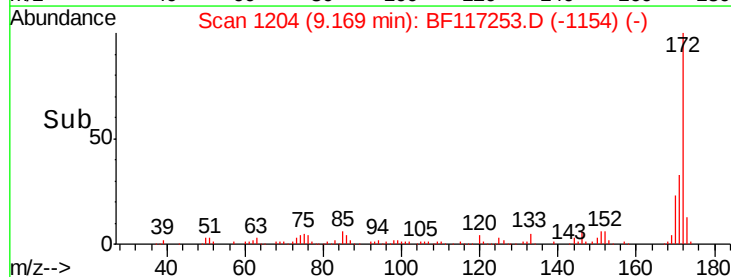
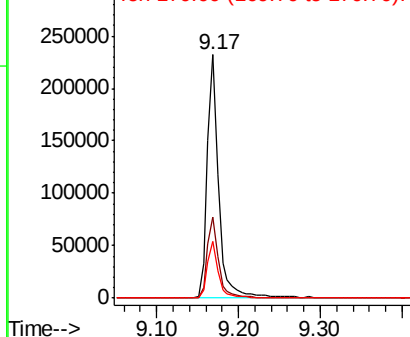


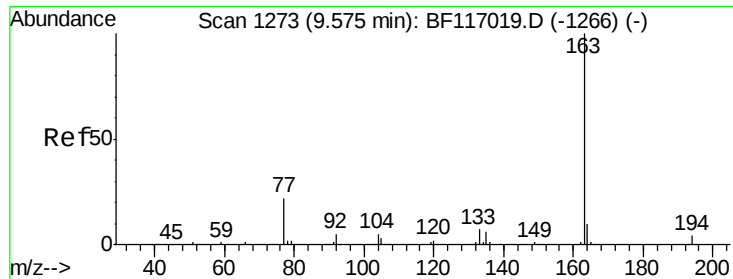
Abundance

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





#50

Dimethylphthalate

Concen: 8.762 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

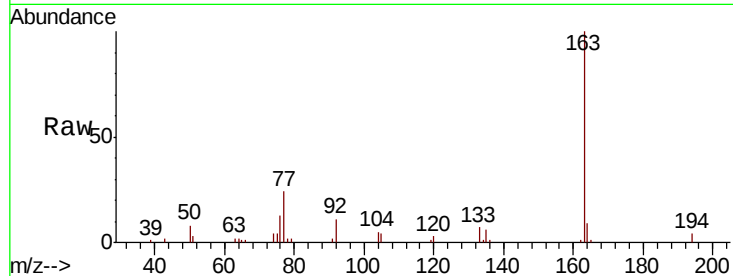
Tot Ion:163 Resp: 37449

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

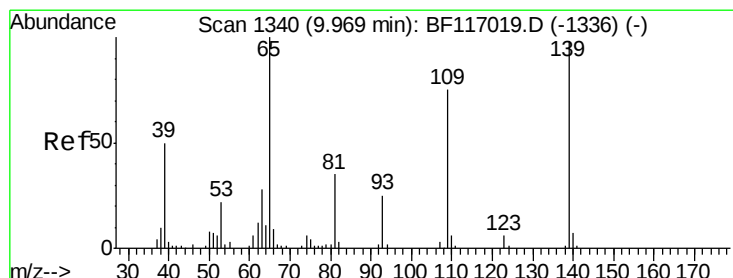
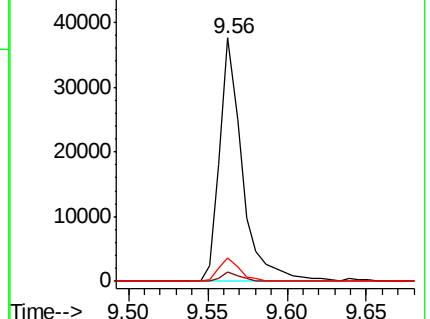
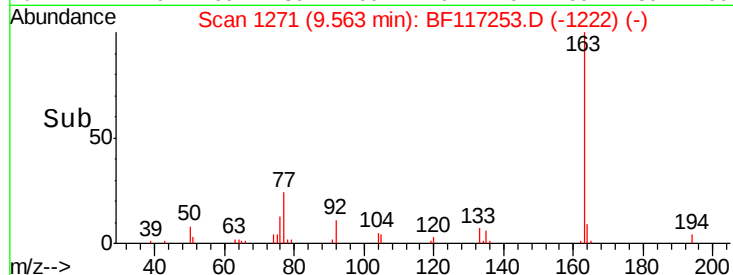
164 9.5 8.2 12.4



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



#56

4-Nitrophenol

Concen: 2.054 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.09 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

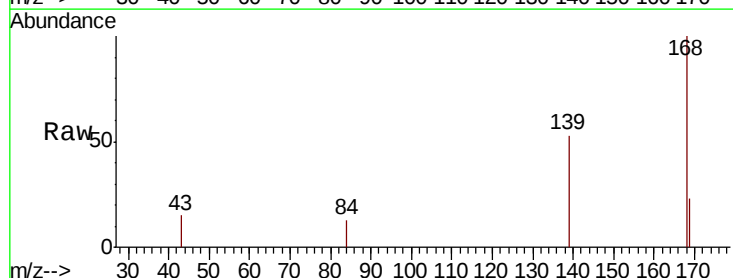
Tgt Ion:139 Resp: 1462

Ion Ratio Lower Upper

139 100

109 0.0 56.4 96.4#

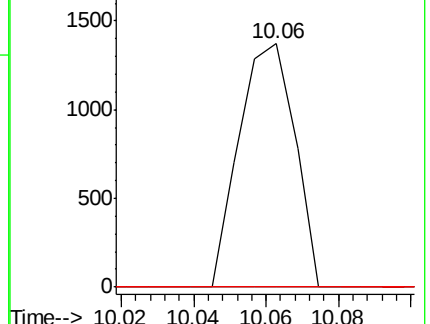
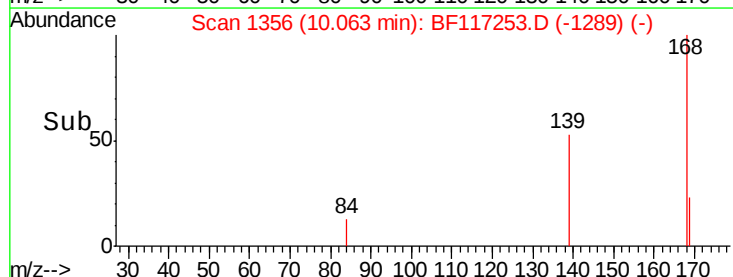
65 0.0 82.5 122.5#

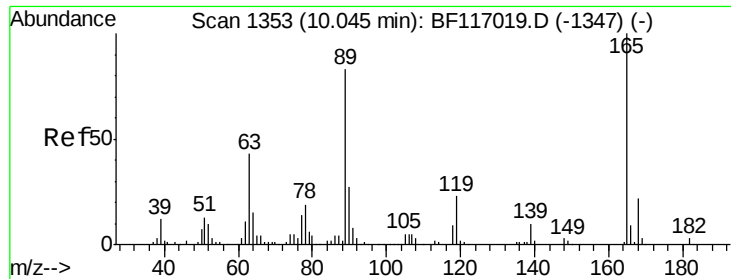


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

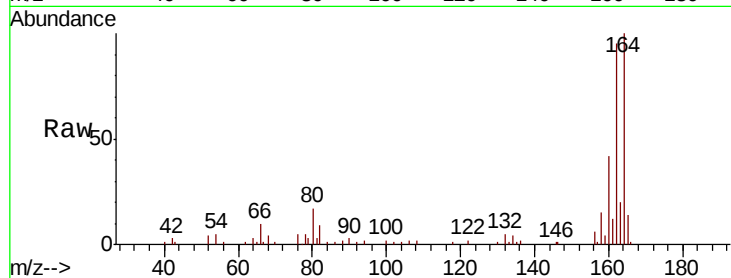




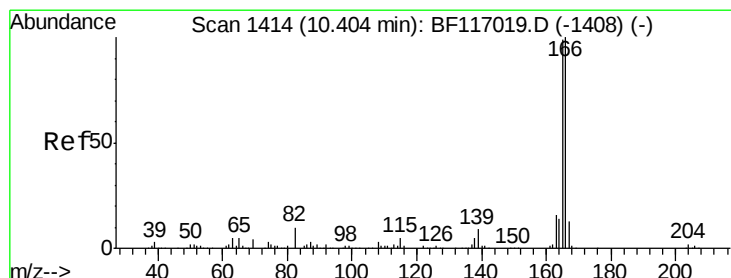
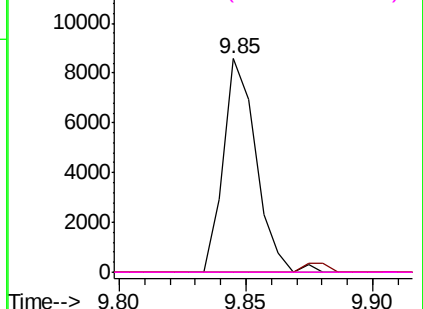
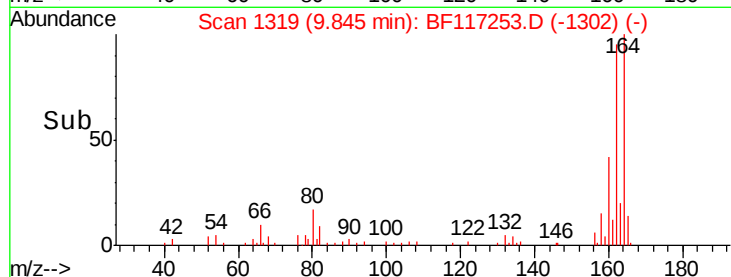
#57
 2,4-Dinitrotoluene
 Concen: 6.822 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117253.D
 Acq: 25 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 7708
 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#

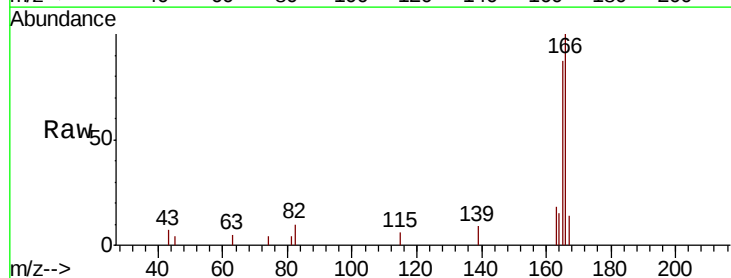


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

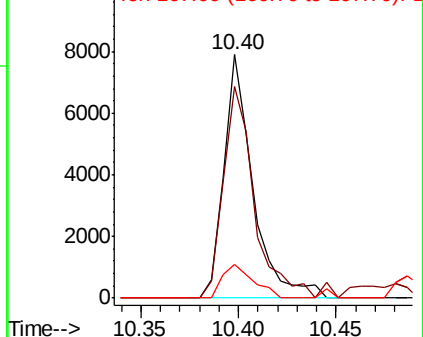
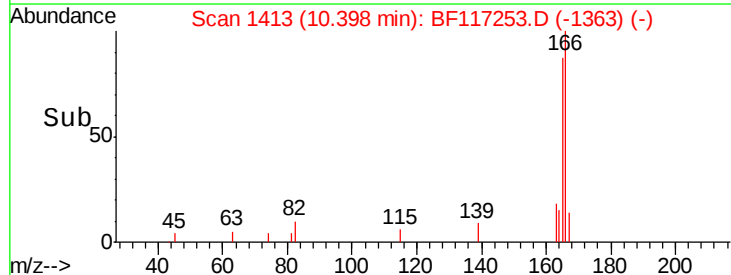


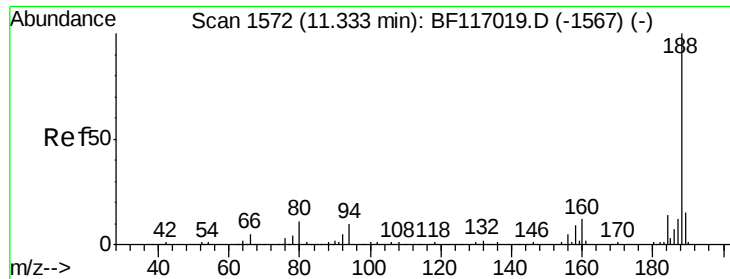
#58
 Fluorene
 Concen: 2.062 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF117253.D
 Acq: 25 Sep 2019 21:05

Tgt Ion:166 Resp: 8134
 Ion Ratio Lower Upper
 166 100
 165 86.8 78.9 118.3
 167 13.7 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

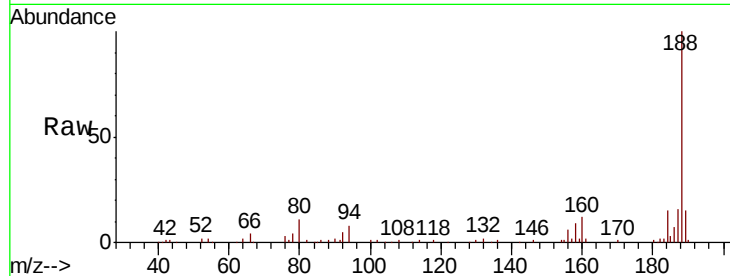




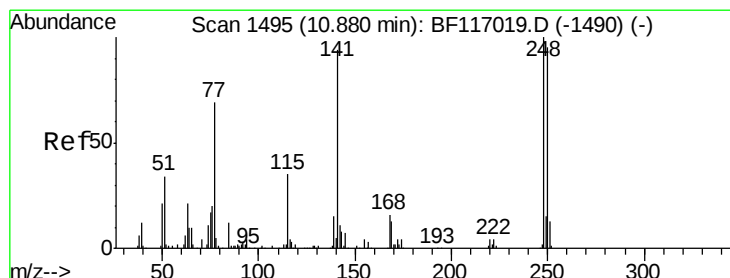
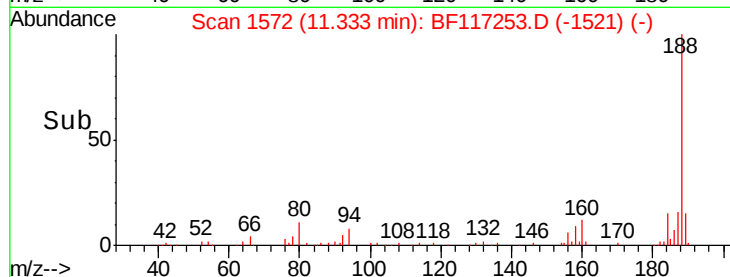
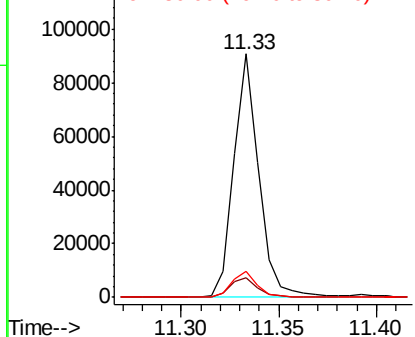
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 81070
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 10.5 9.0 13.6

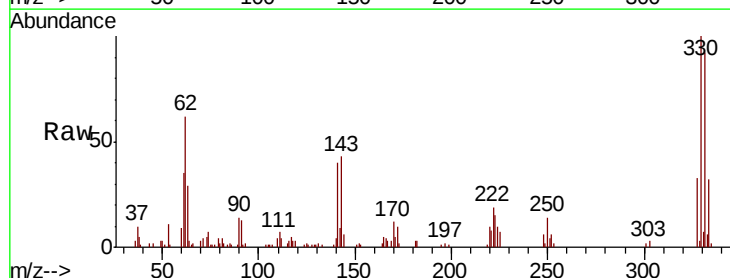


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

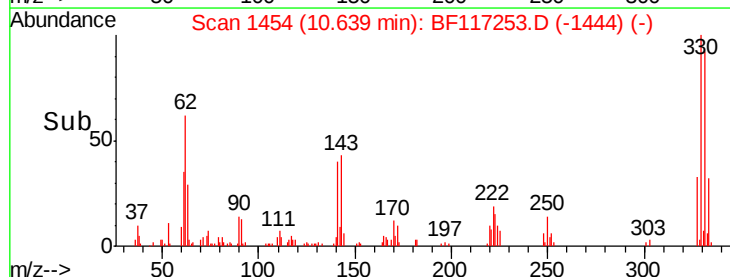
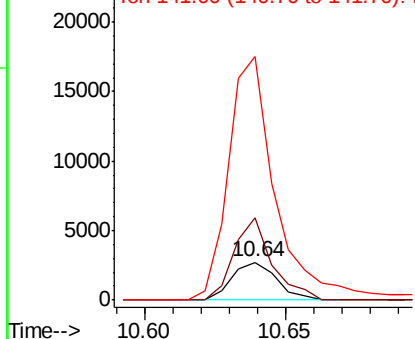


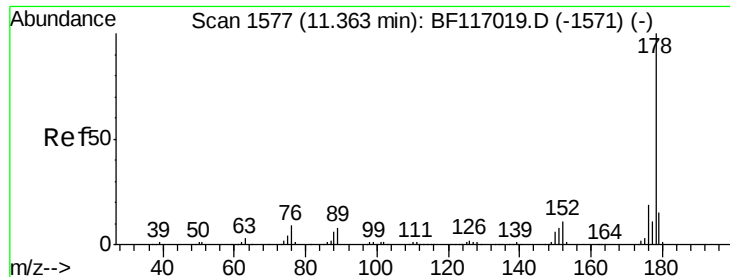
#67
4-Bromophenyl-phenylether
Concen: 3.593 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Tgt Ion:248 Resp: 2975
Ion Ratio Lower Upper
248 100
250 216.6 76.2 114.4#
141 642.5 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

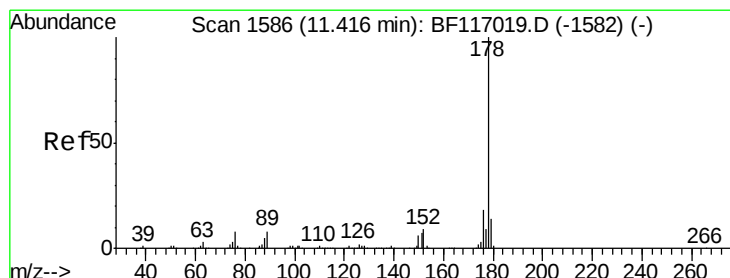
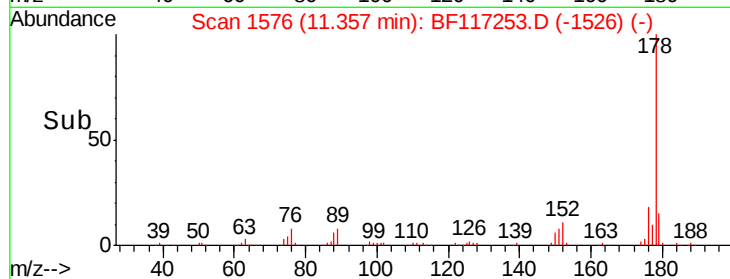
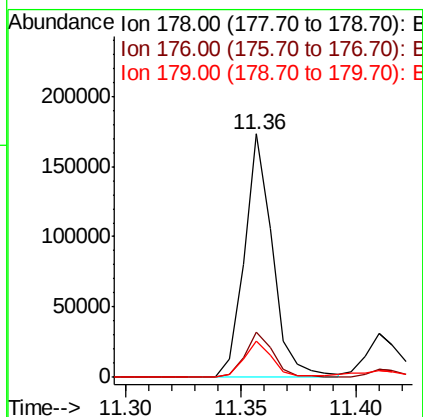
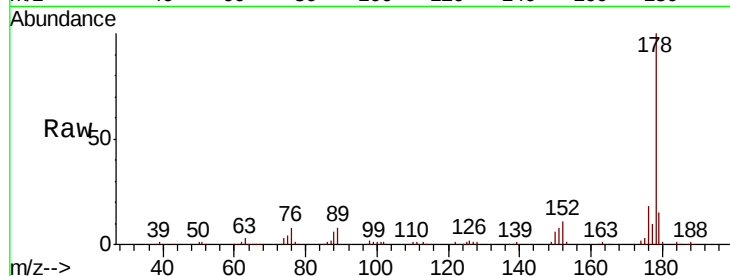




#71
Phenanthrene
Concen: 32.196 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

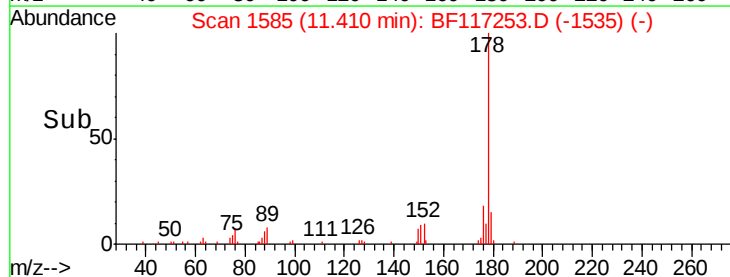
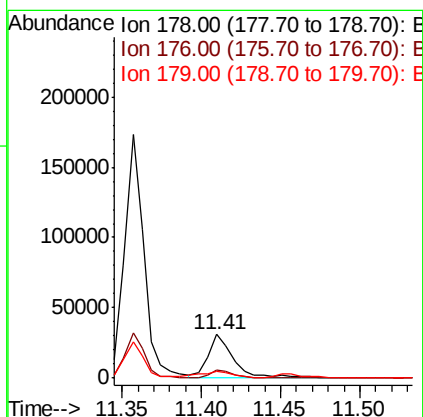
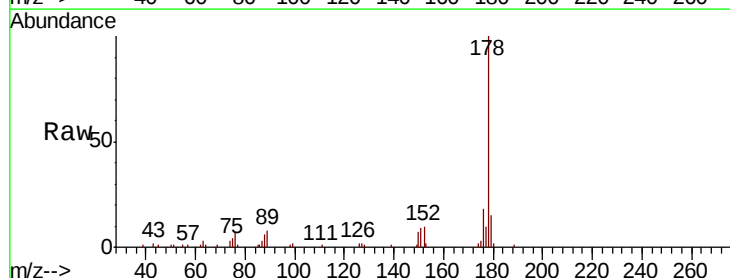
Instrument :
BNA_F
ClientSampleId :

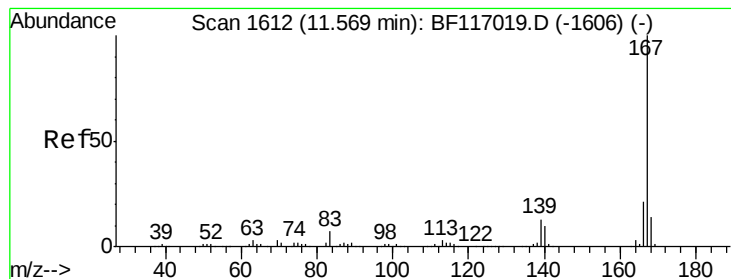
Tot Ion:178 Resp: 148256
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.0 12.4 18.6



#72
Anthracene
Concen: 7.329 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Tgt Ion:178 Resp: 34456
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 11.6 17.4





#73

Carbazole

Concen: 4.665 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

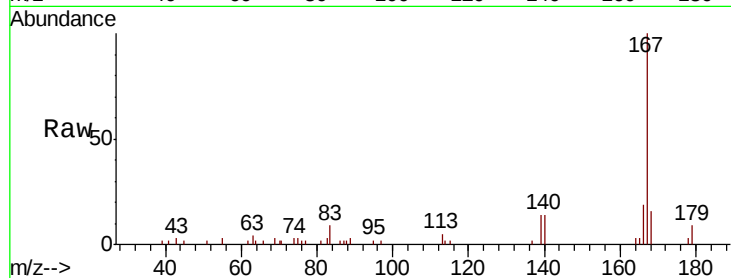
Tot Ion:167 Resp: 20817

Ion Ratio Lower Upper

167 100

166 18.8 17.2 25.8

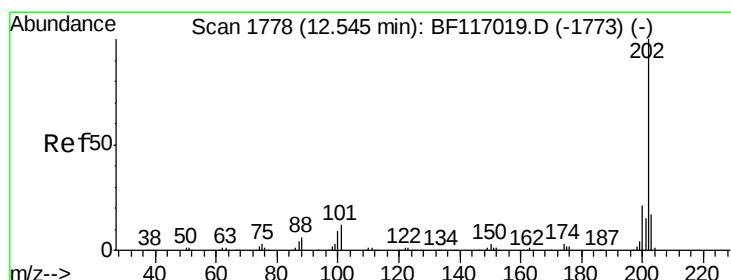
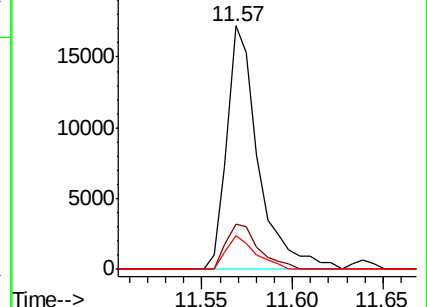
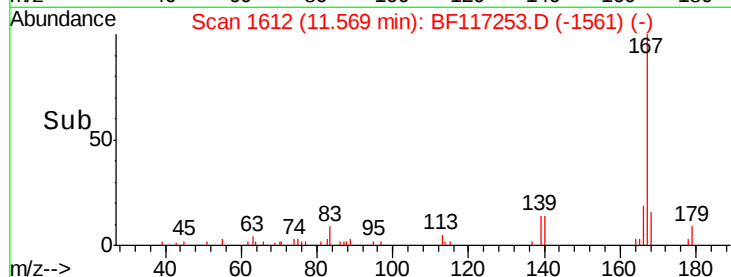
139 13.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 44.015 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

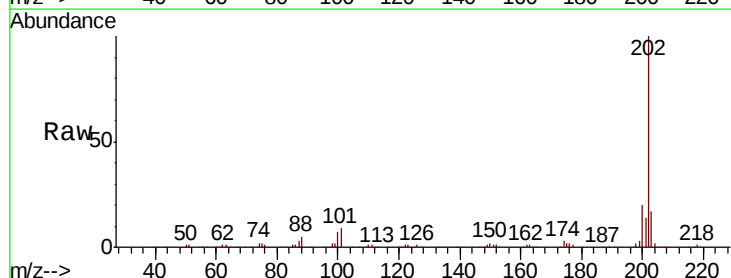
Tgt Ion:202 Resp: 208249

Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.3

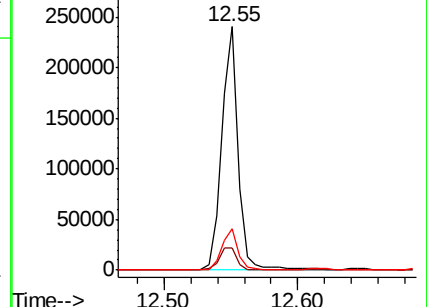
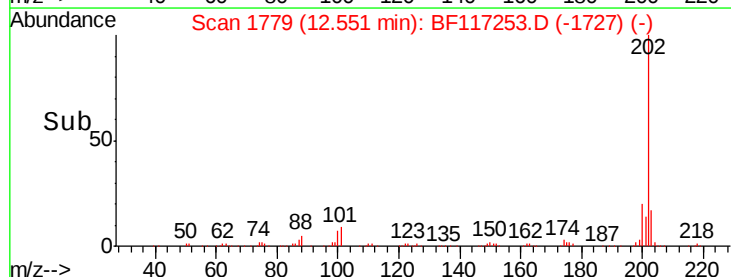
203 17.3 0.0 37.1

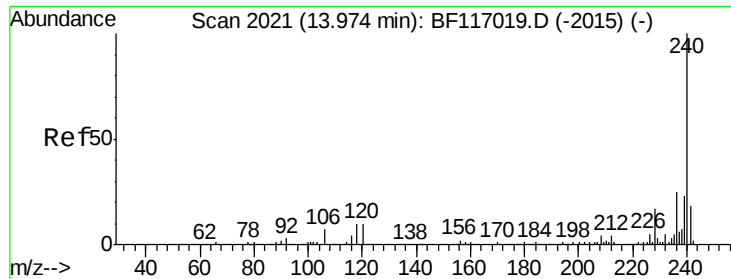


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

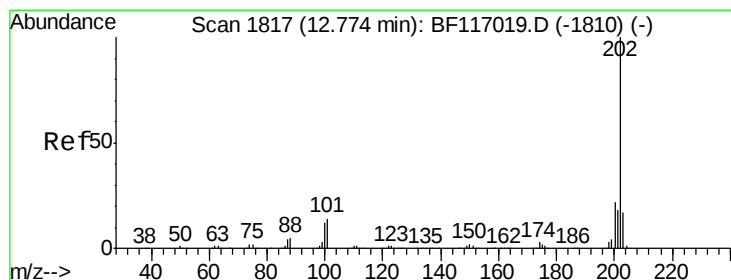
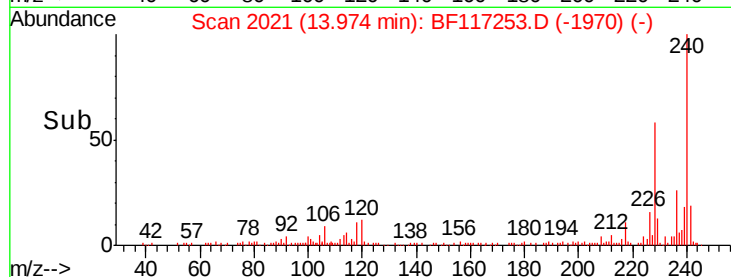
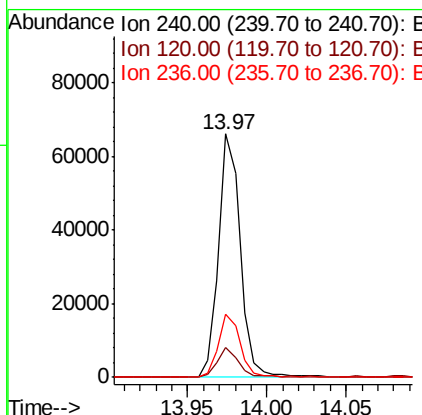
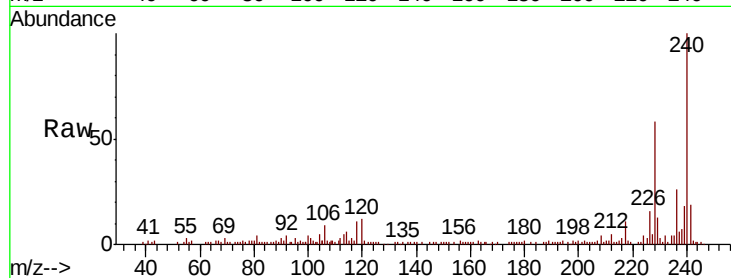




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

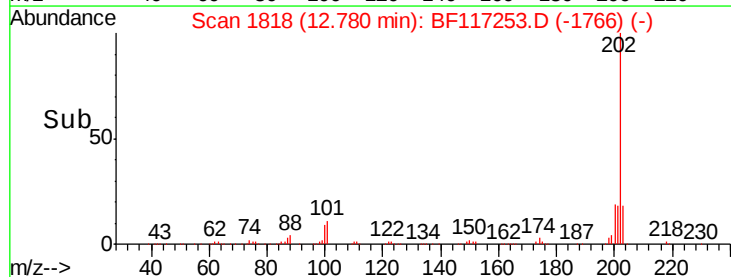
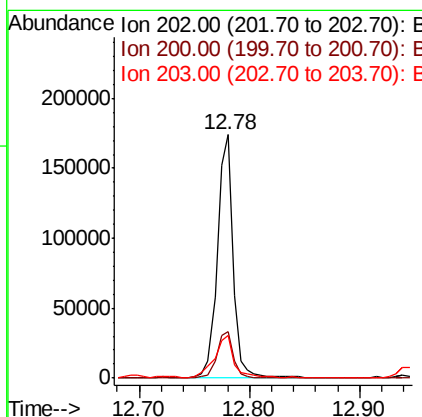
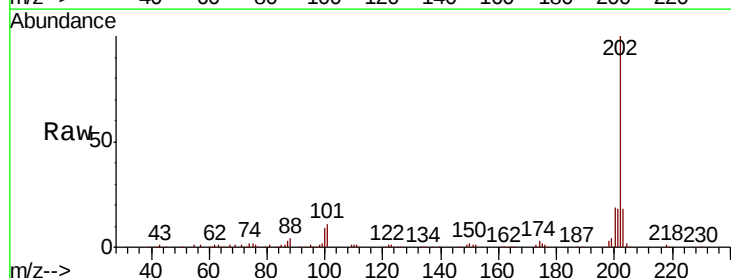
Instrument :
BNA_F
ClientSampleId :

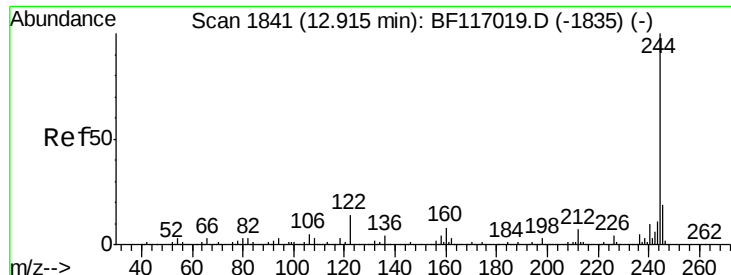
Tot Ion:240 Resp: 62934
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 25.7 20.3 30.5



#78
Pyrene
Concen: 32.967 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Tgt Ion:202 Resp: 174088
Ion Ratio Lower Upper
202 100
200 19.3 17.2 25.8
203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 45.955 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Instrument :

BNA_F

ClientSampled :

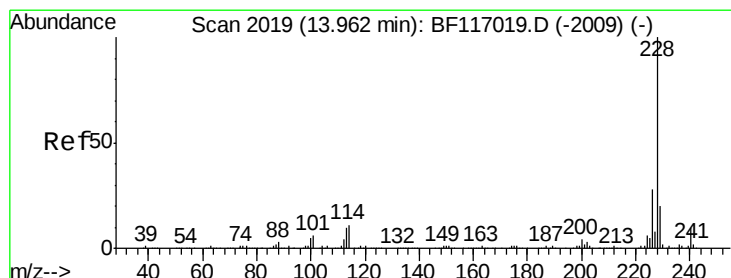
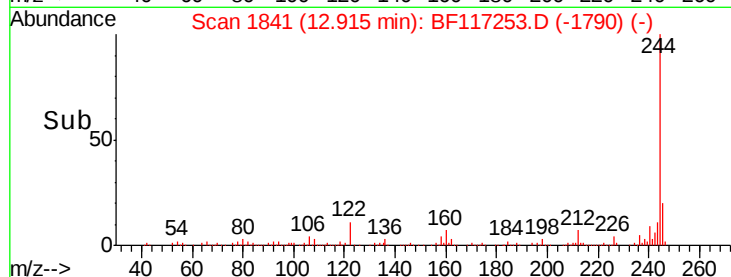
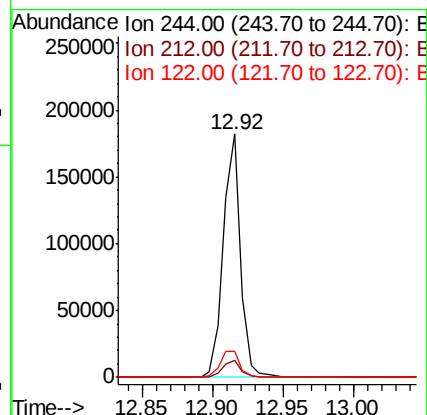
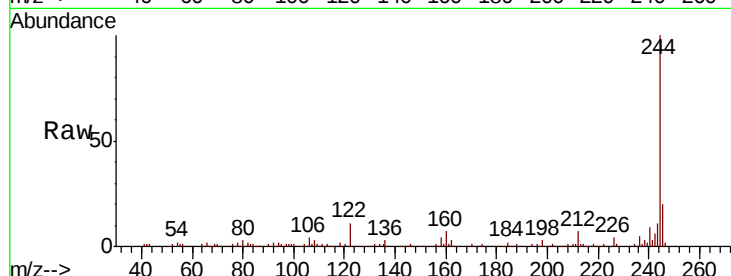
Tot Ion:244 Resp: 154723

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.9 11.3 16.9#



#81

Benzo(a)anthracene

Concen: 22.210 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

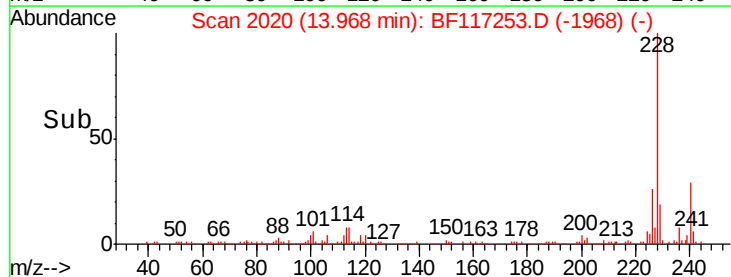
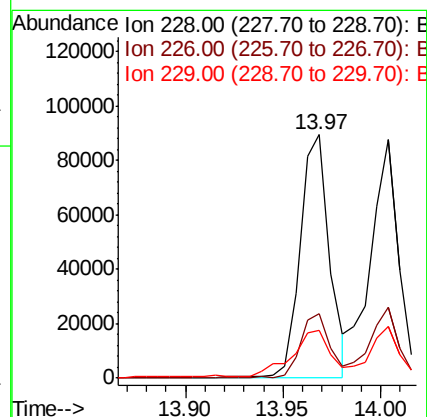
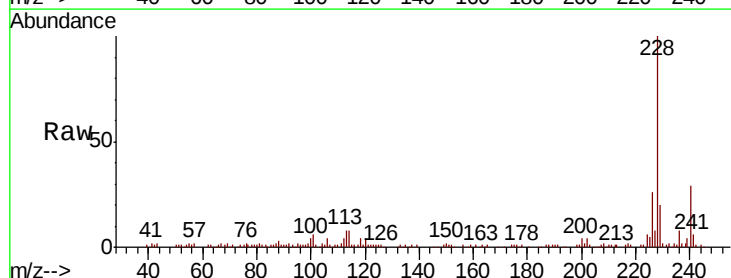
Tgt Ion:228 Resp: 93388

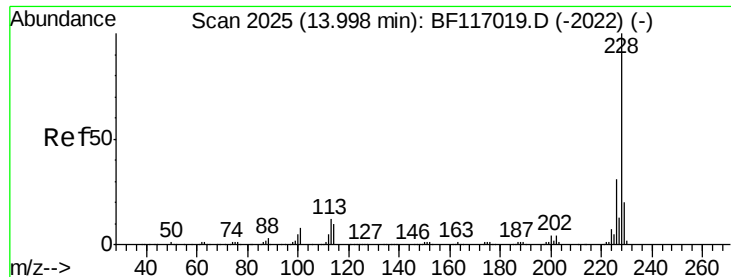
Ion Ratio Lower Upper

228 100

226 26.2 22.3 33.5

229 19.5 15.9 23.9





#83

Chrysene

Concen: 21.758 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Instrument :

BNA_F

ClientSampled :

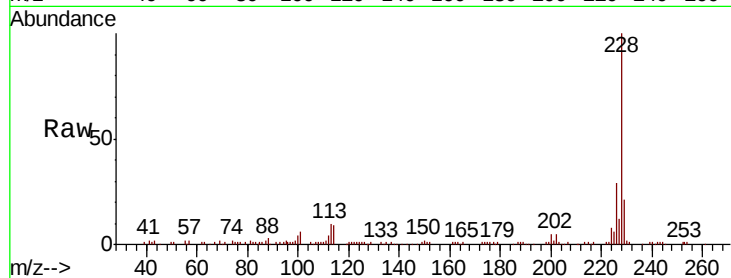
Tot Ion:228 Resp: 89228

Ion Ratio Lower Upper

228 100

226 29.5 24.8 37.2

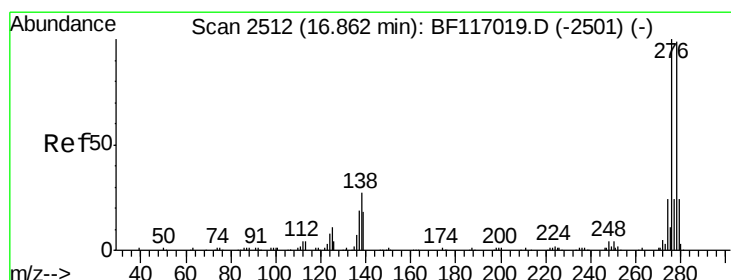
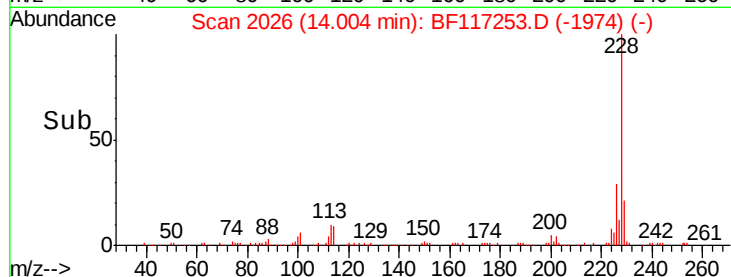
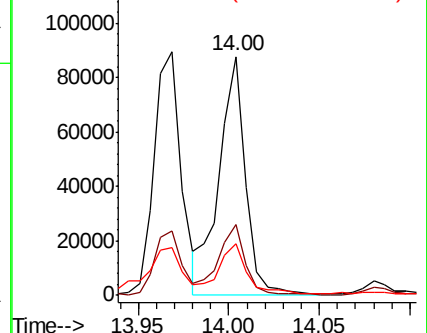
229 21.4 15.8 23.8



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: 9.640 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

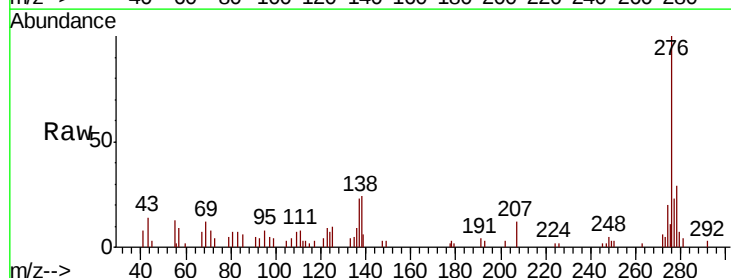
Tgt Ion:276 Resp: 28841

Ion Ratio Lower Upper

276 100

138 23.6 20.7 31.1

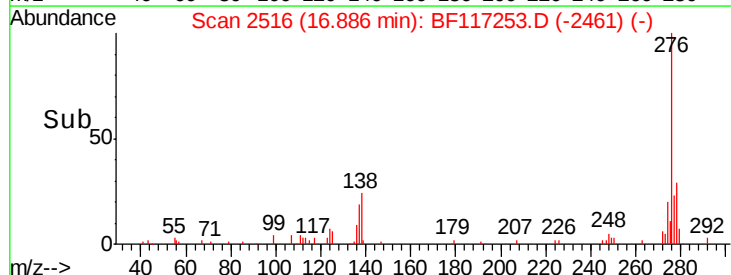
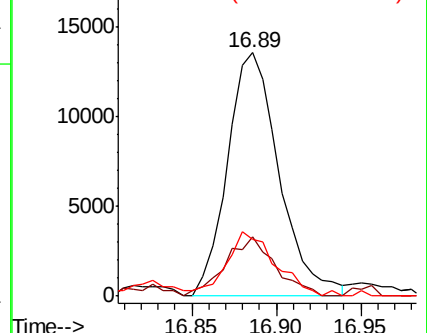
277 25.0 19.8 29.8

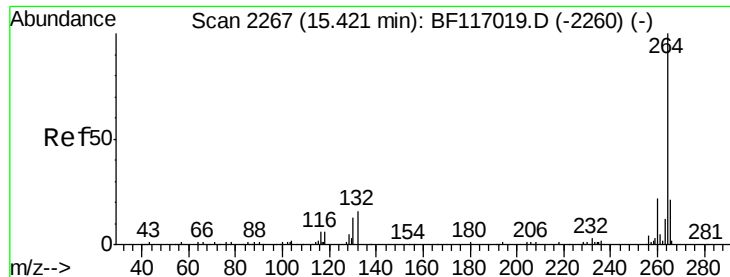


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

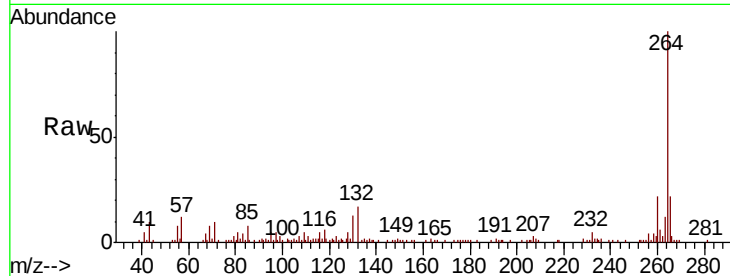




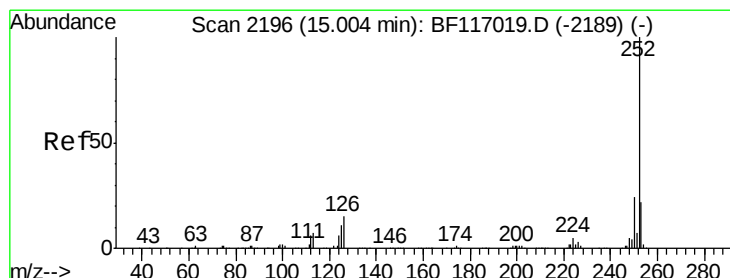
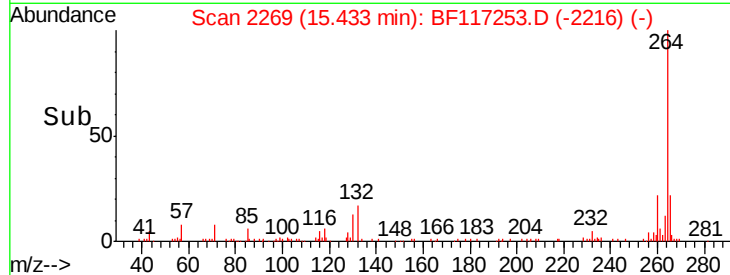
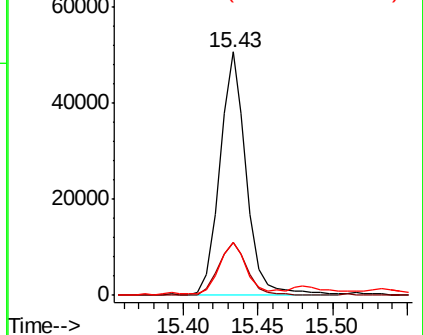
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 63027
Ion Ratio Lower Upper
264 100
260 21.8 17.6 26.4
265 21.5 16.6 24.8

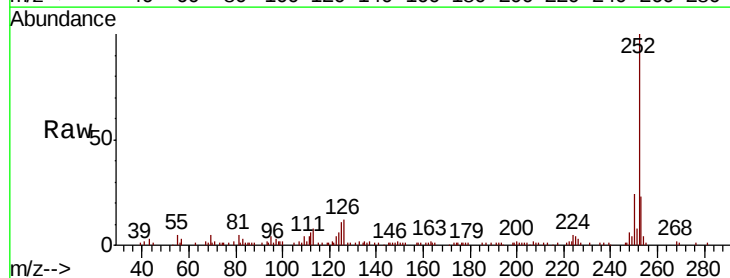


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

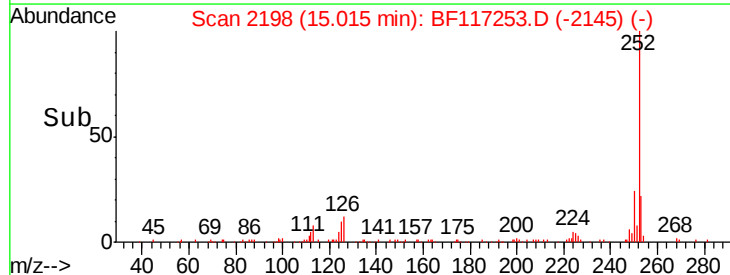
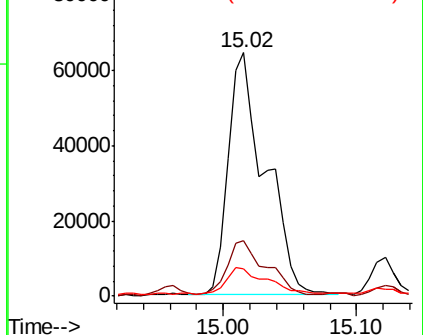


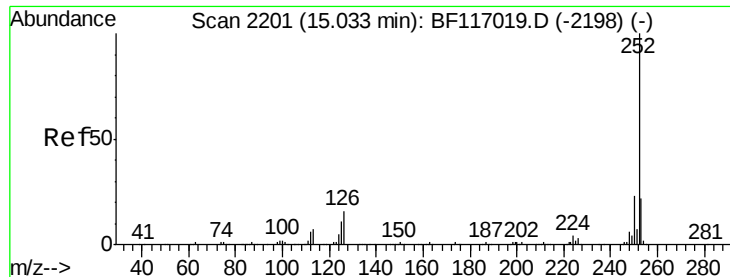
#88
Benzo(b)fluoranthene
Concen: 32.709 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Tgt Ion:252 Resp: 124877
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.4 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

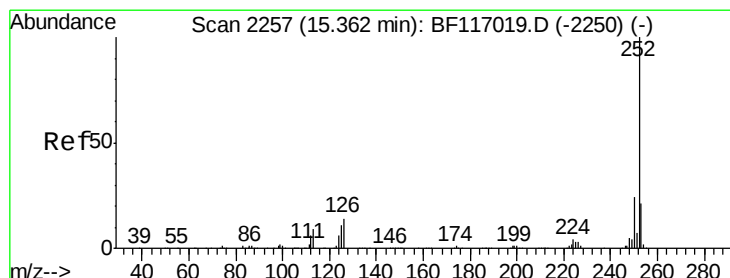
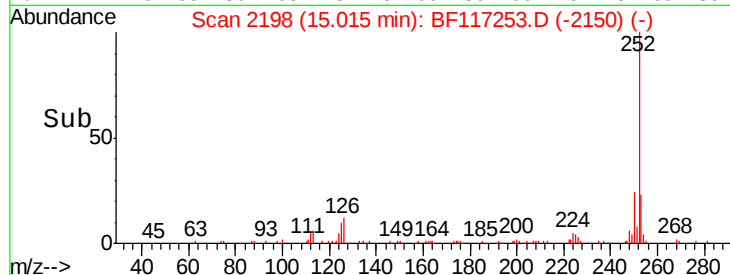
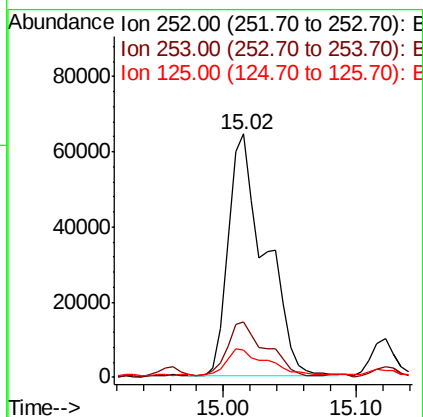
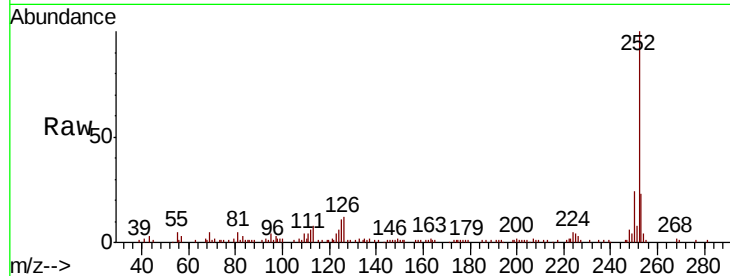




#89
Benzo(k)fluoranthene
Concen: 34.530 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

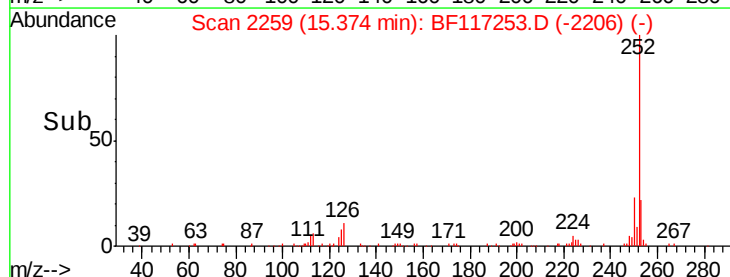
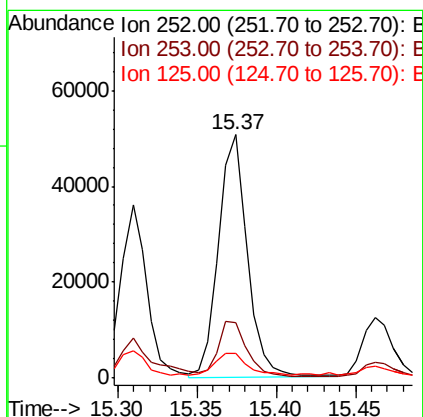
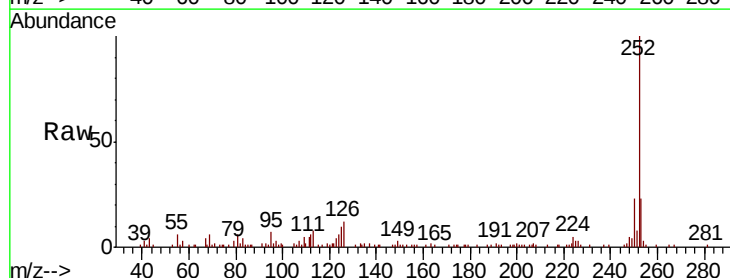
Instrument :
BNA_F
ClientSampleId :

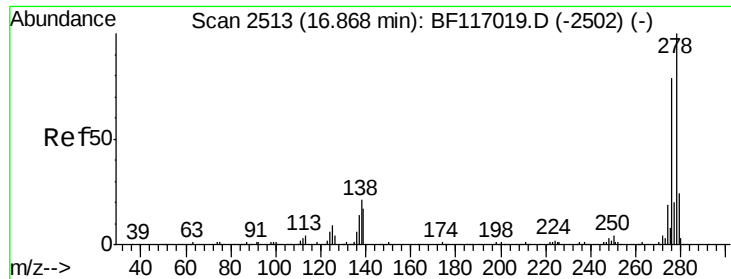
Tot Ion:252 Resp: 124877
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.4 8.8 13.2



#90
Benzo(a)pyrene
Concen: 19.224 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117253.D
Acq: 25 Sep 2019 21:05

Tgt Ion:252 Resp: 64405
Ion Ratio Lower Upper
252 100
253 22.7 16.6 25.0
125 10.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 3.204 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

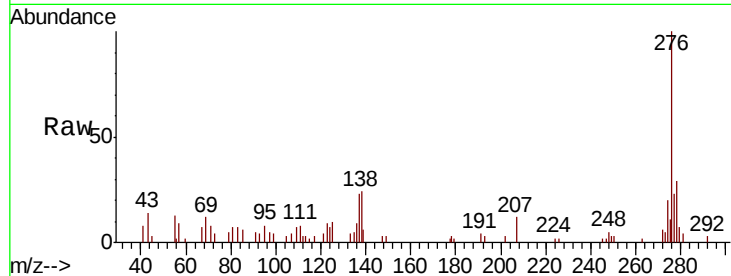
Tot Ion:278 Resp: 8550

Ion Ratio Lower Upper

278 100

139 20.0 13.5 20.3

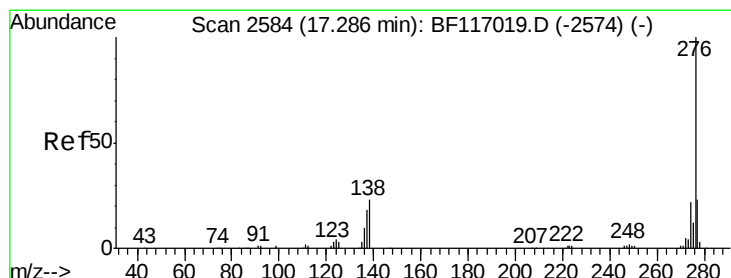
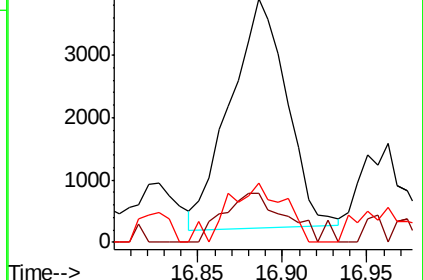
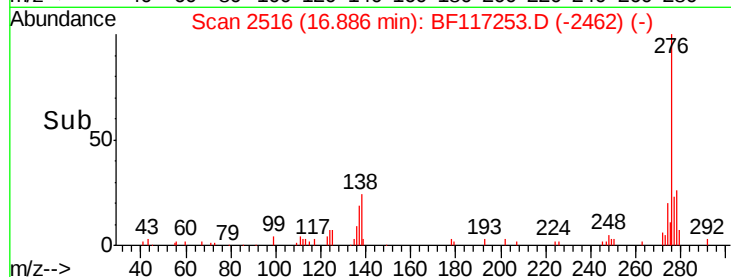
279 24.4 18.8 28.2



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: 10.102 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.04 min

Lab File: BF117253.D

Acq: 25 Sep 2019 21:05

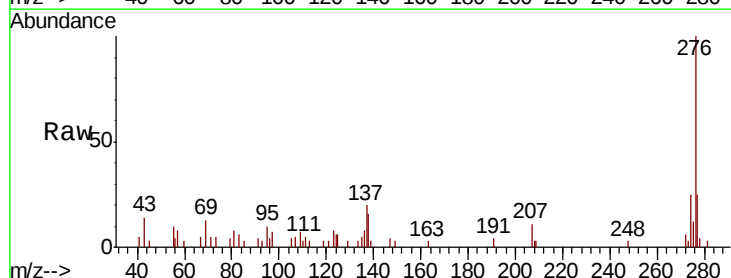
Tgt Ion:276 Resp: 26866

Ion Ratio Lower Upper

276 100

277 24.7 18.6 27.8

138 16.0 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

