

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119743.D
 Acq On : 4 Apr 2020 4:26
 Operator : MA/SJ
 Sample : L2129-31
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Apr 04 05:33:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	199917	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	731400	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	352843	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	580555	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	357524	20.00	ng	-0.02
87) Perylene-d12	15.43	264	378866	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1867802	148.73	ng	0.01
7) Phenol-d6	6.44	99	2421262	150.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	1513640	112.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	570624	156.76	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2519810	105.80	ng	-0.01
79) Terphenyl-d14	12.93	244	1983652	108.70	ng	-0.01

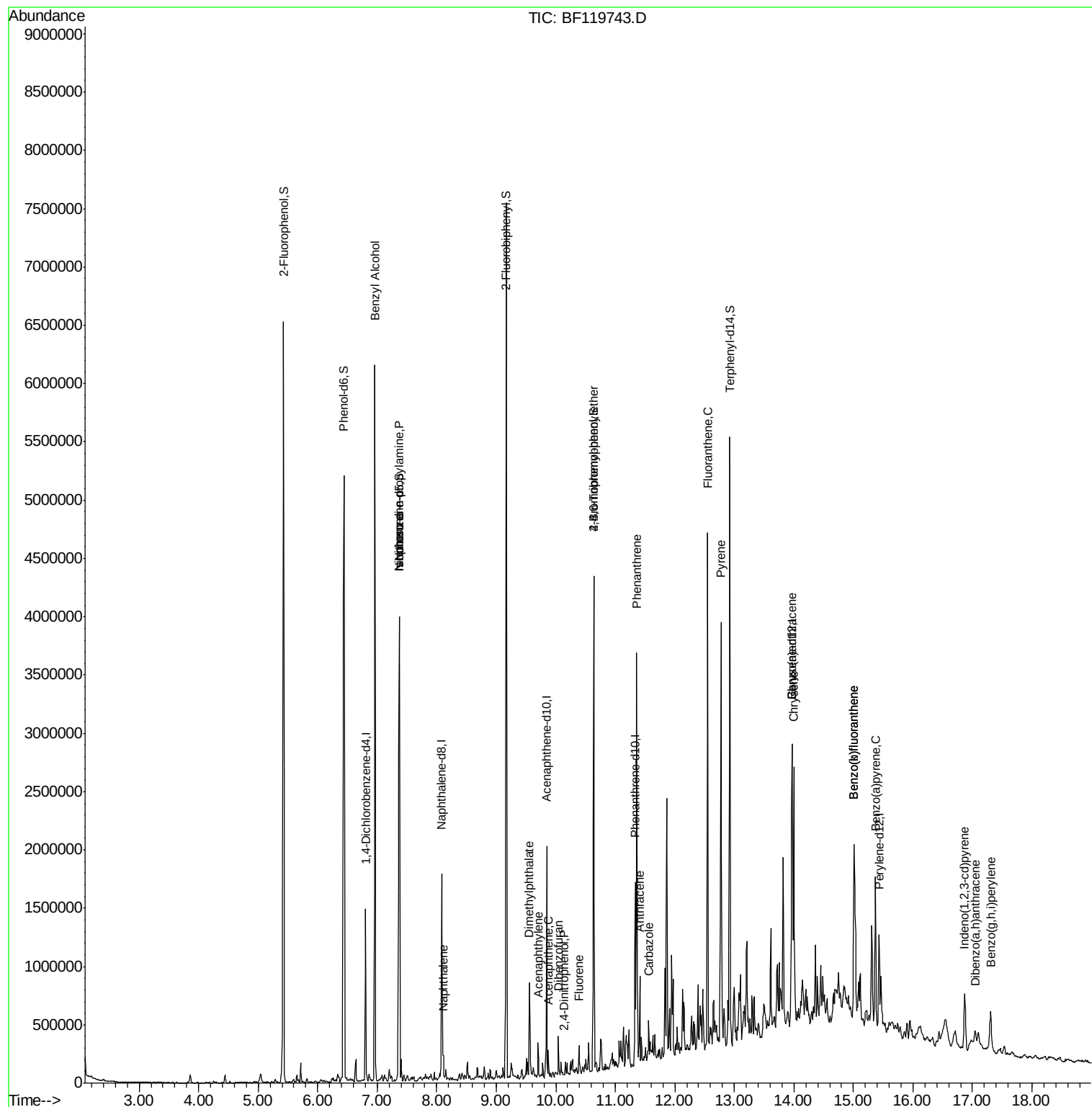
Target Compounds						Qvalue
15) Benzyl Alcohol	6.96	79	24938	2.07	ng	# 45
19) n-Nitroso-di-n-propylamine	7.37	70	203163	21.01	ng	# 75
25) Isophorone	7.37	82	1507541	55.22	ng	# 65
31) Naphthalene	8.11	128	77177	2.05	ng	97
49) Acenaphthylene	9.70	152	103247	2.92	ng	99
50) Dimethylphthalate	9.56	163	298121	11.90	ng	99
52) Acenaphthene	9.87	154	44442	2.02	ng	96
54) 2,4-Dinitrophenol	10.13	184	1195	7.74	ng	# 64
55) Dibenzofuran	10.05	168	80530	2.55	ng	96
58) Fluorene	10.39	166	62899	2.69	ng	99
67) 4-Bromophenyl-phenylether	10.64	248	34483	5.22	ng	# 1
71) Phenanthrene	11.36	178	1414305	46.98	ng	98
72) Anthracene	11.41	178	285409	9.33	ng	98
73) Carbazole	11.56	167	133195	4.40	ng	97
75) Fluoranthene	12.55	202	1721322	52.84	ng	100
78) Pyrene	12.78	202	1515656	51.66	ng	98
81) Benzo(a)anthracene	13.97	228	831576	35.77	ng	98
83) Chrysene	14.00	228	824930	34.38	ng	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	311638	13.79	ng	95
88) Benzo(b)fluoranthene	15.01	252	1203835	47.57	ng	96
89) Benzo(k)fluoranthene	15.01	252	1203835	49.95	ng	98
90) Benzo(a)pyrene	15.37	252	611397	26.58	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	82189	4.09	ng	97
92) Benzo(g,h,i)perylene	17.30	276	251204	12.43	ng	# 94

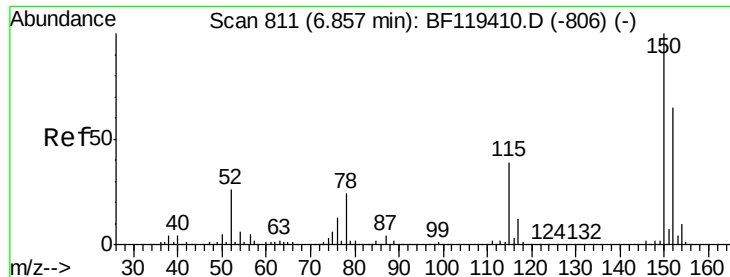
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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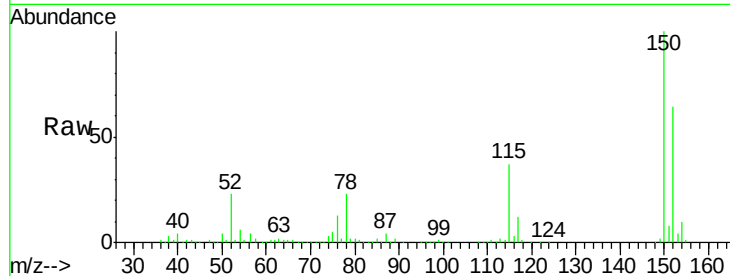


#1

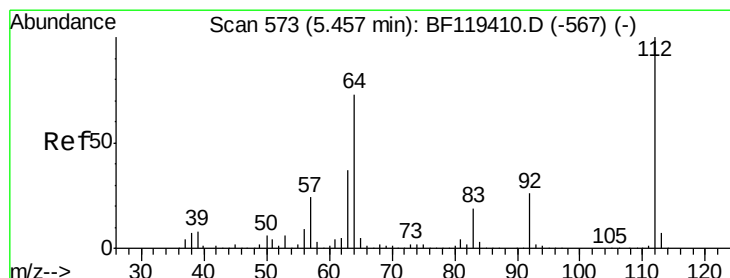
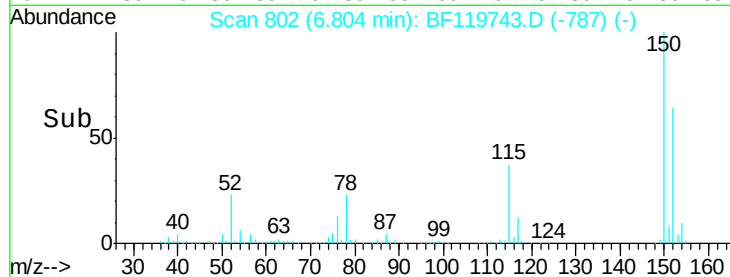
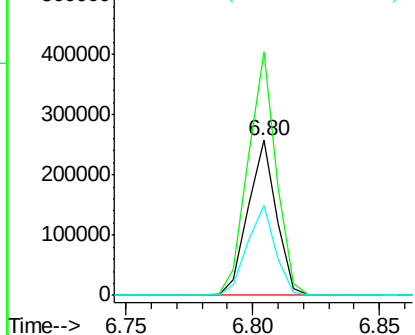
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

Instrument :
BNA_F
ClientSampled :
TP-5

Tgt Ion:152 Resp: 199917
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 58.1 49.6 74.4



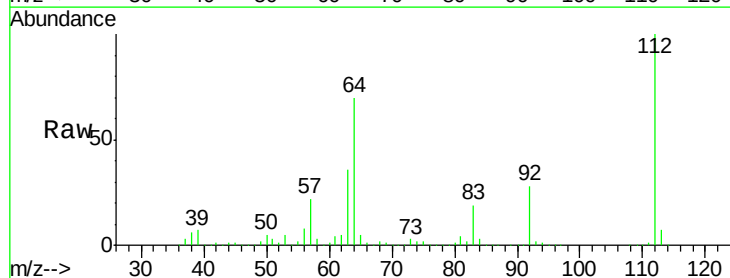
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



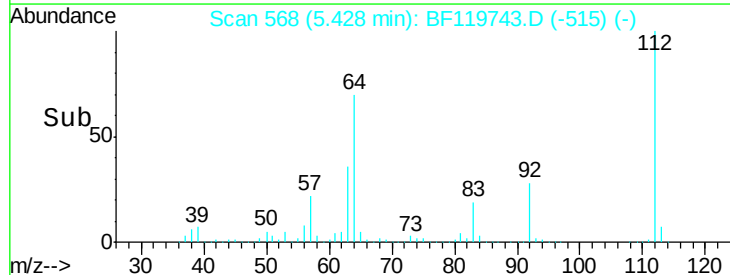
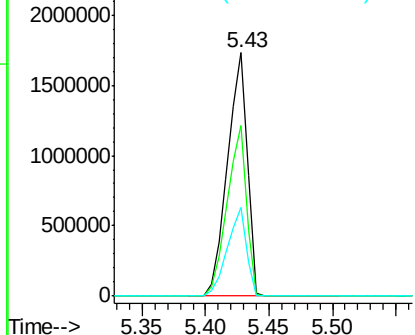
#5

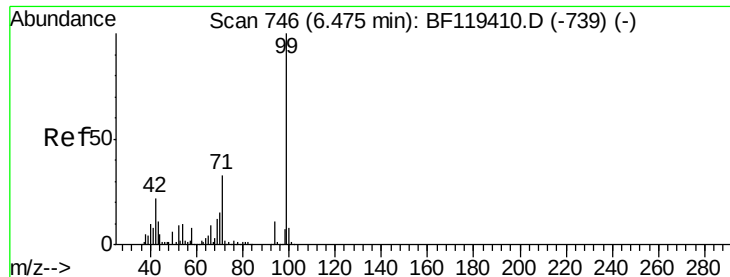
2-Fluorophenol
Concen: 148.73 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

Tgt Ion:112 Resp: 1867802
Ion Ratio Lower Upper
112 100
64 70.1 56.7 85.1
63 36.2 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: 150.93 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampled :

TP-5

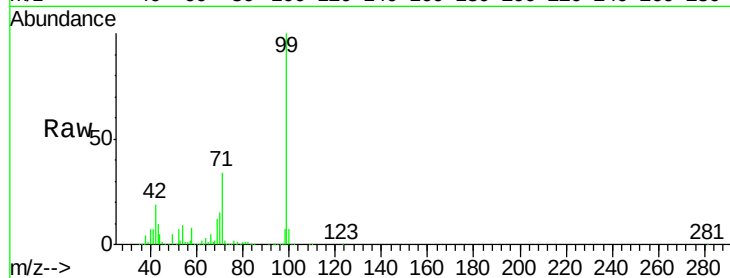
Tgt Ion: 99 Resp: 2421262

Ion Ratio Lower Upper

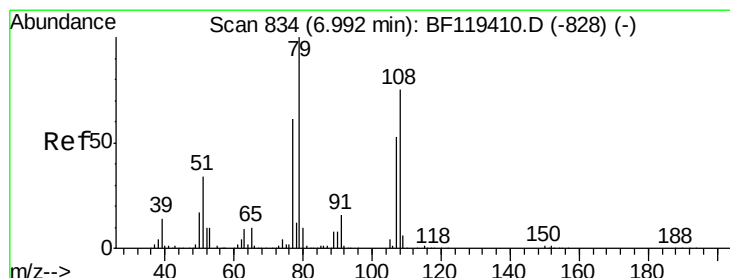
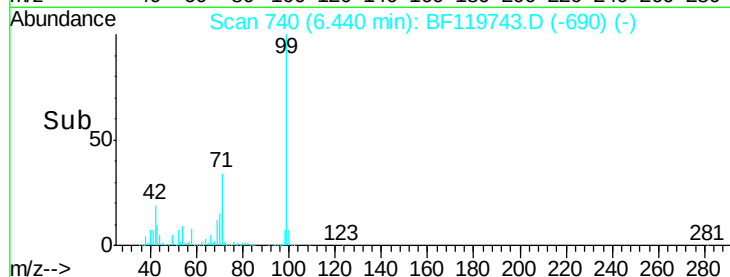
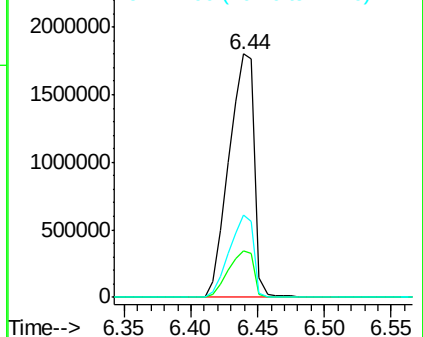
99 100

42 19.3 16.6 24.8

71 33.6 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

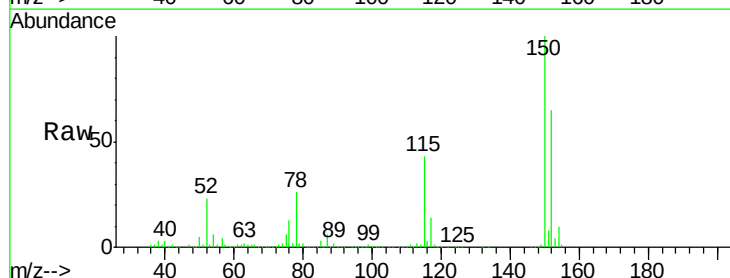
Tgt Ion: 79 Resp: 24938

Ion Ratio Lower Upper

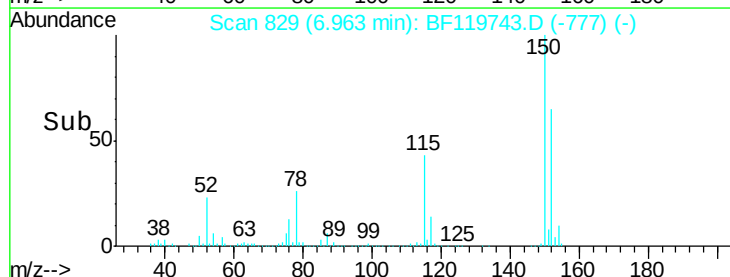
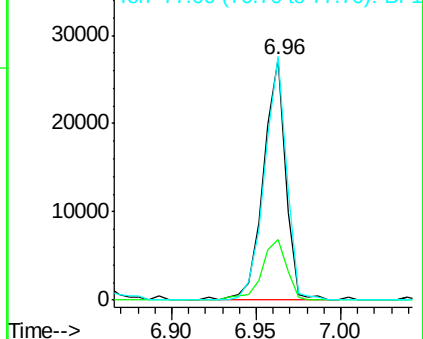
79 100

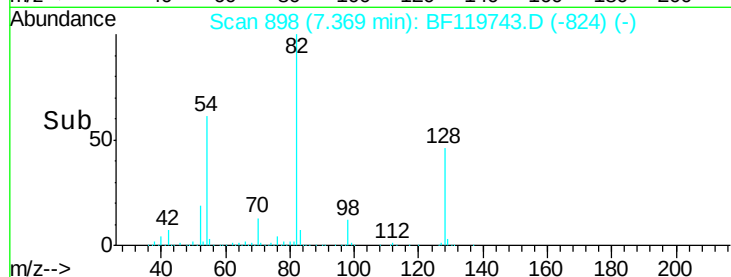
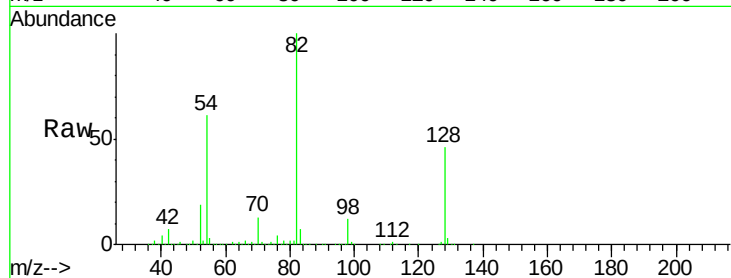
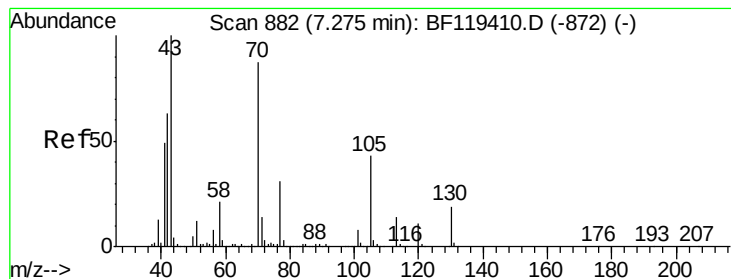
108 25.0 60.6 90.8#

77 101.0 50.2 75.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 21.01 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampled :

TP-5

Tgt Ion: 70 Resp: 203163

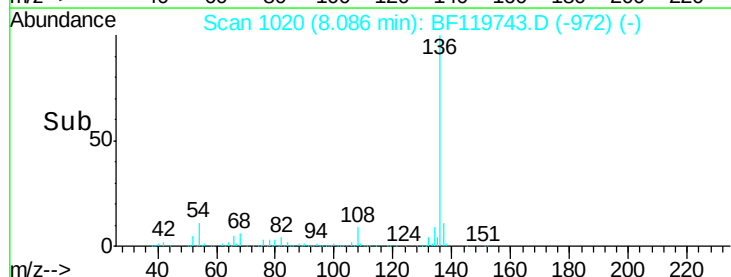
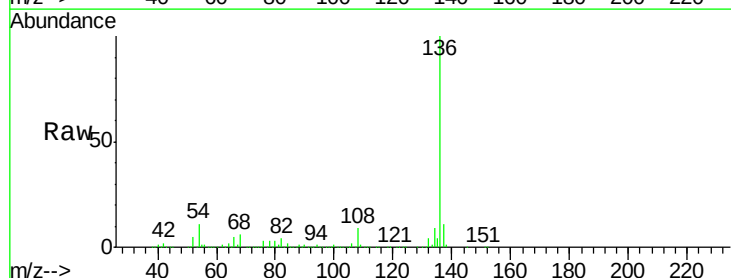
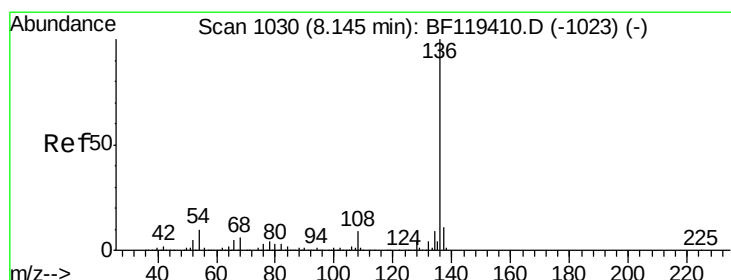
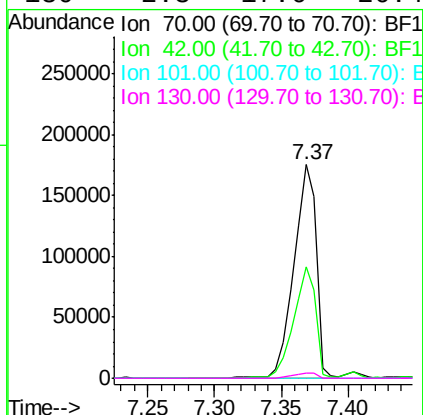
Ion Ratio Lower Upper

70 100

42 52.1 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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Tgt Ion: 136 Resp: 731400

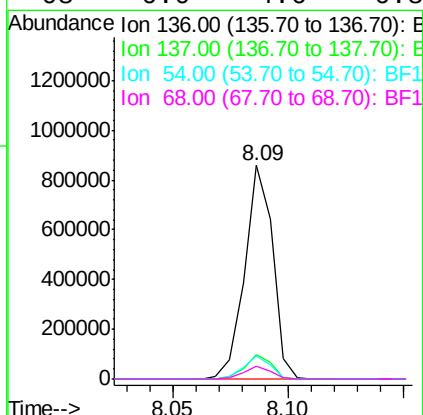
Ion Ratio Lower Upper

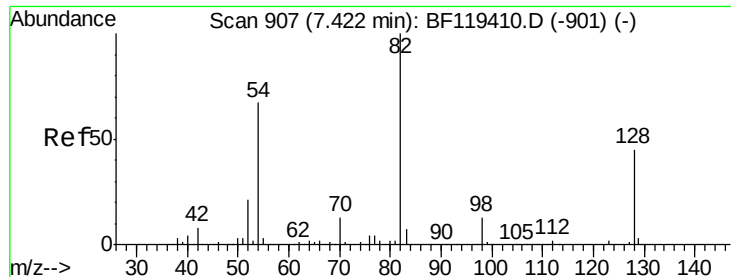
136 100

137 11.4 8.7 13.1

54 10.7 9.1 13.7

68 6.0 4.6 6.8

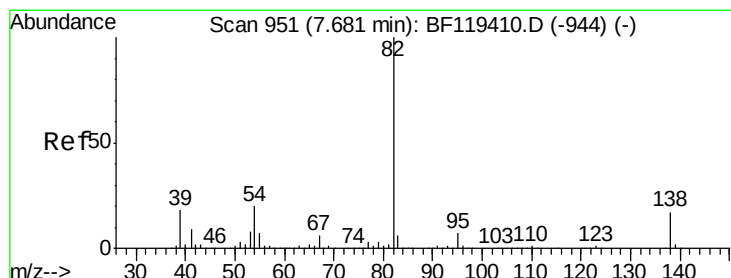
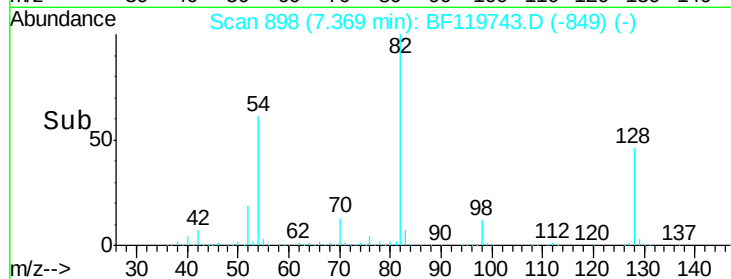
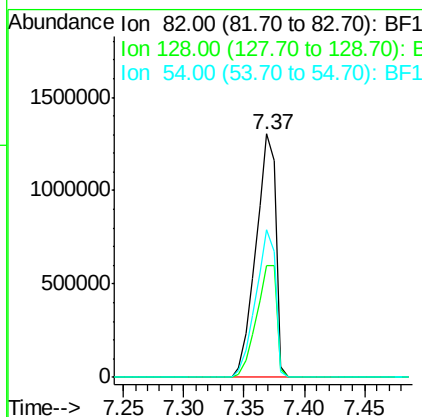
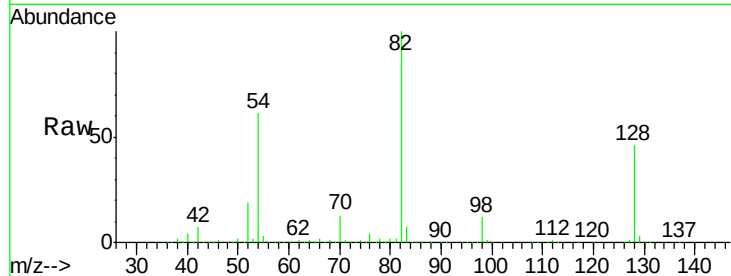




#23
 Nitrobenzene-d5
 Concen: 112.47 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119743.D
 Acq: 4 Apr 2020 4:26

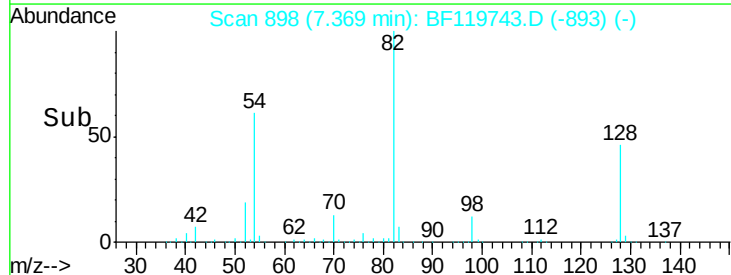
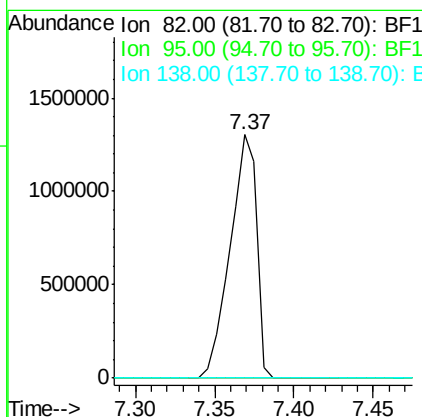
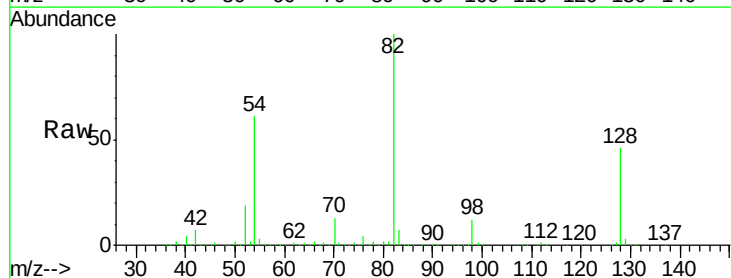
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

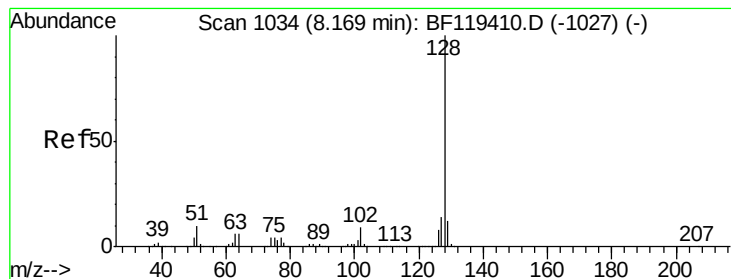
Tgt Ion: 82 Resp: 1513640
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.3 54.5
 54 60.6 50.6 75.8



#25
 Isophorone
 Concen: 55.22 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.27 min
 Lab File: BF119743.D
 Acq: 4 Apr 2020 4:26

Tgt Ion: 82 Resp: 1507541
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.8 8.6#
 138 0.0 14.6 21.8#





#31

Naphthalene

Concen: 2.05 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

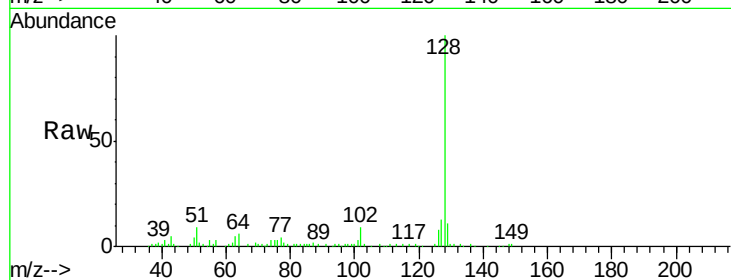
Tgt Ion:128 Resp: 77177

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

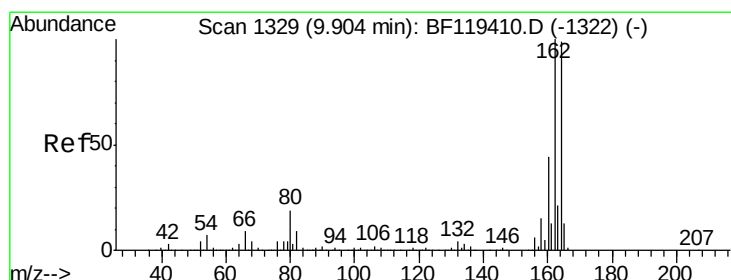
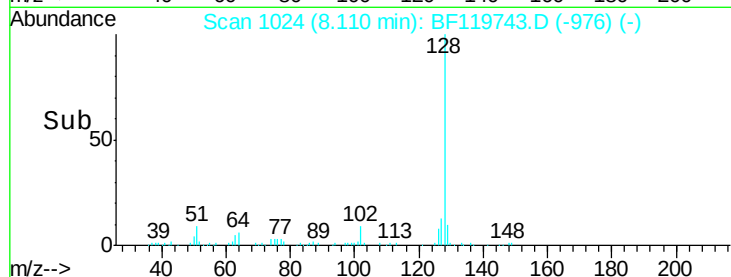
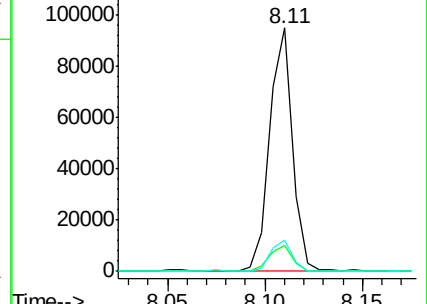
127 12.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

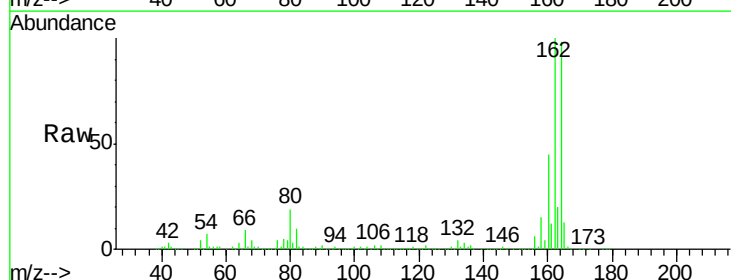
Tgt Ion:164 Resp: 352843

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

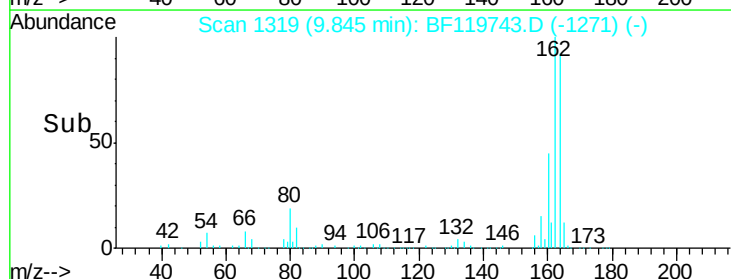
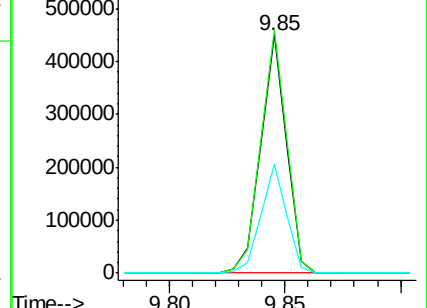
160 45.6 35.7 53.5

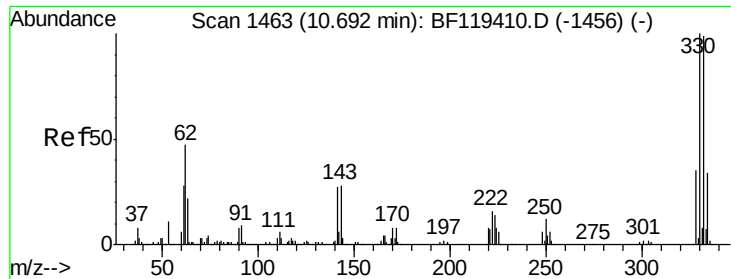


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

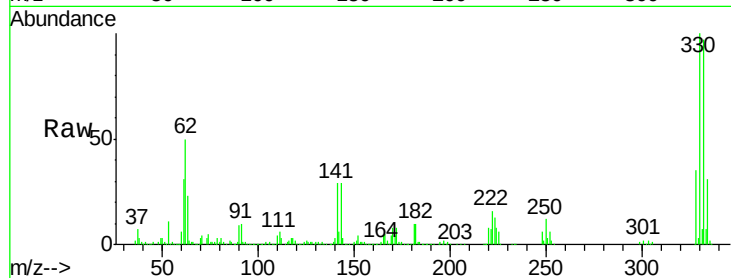




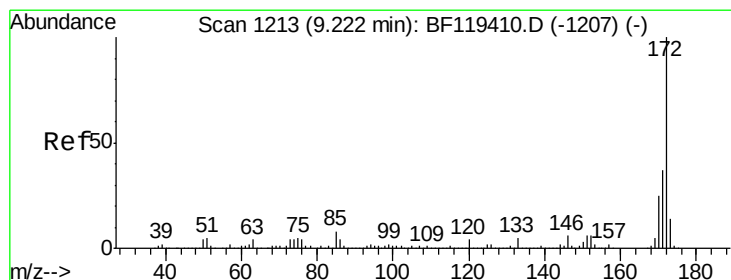
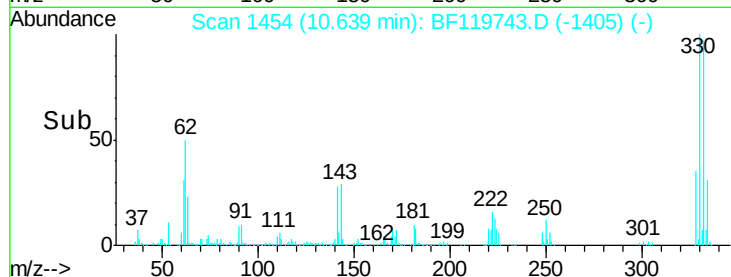
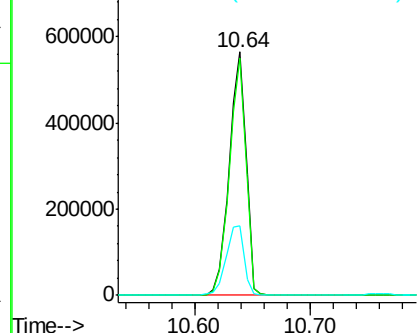
#42
 2,4,6-Tribromophenol
 Concen: 156.76 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119743.D
 Acq: 4 Apr 2020 4:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:330 Resp: 570624
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 30.9 25.4 38.0

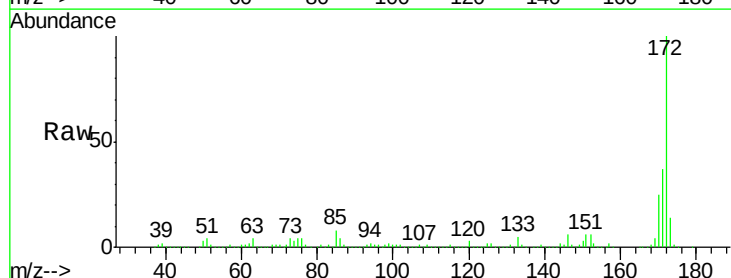


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

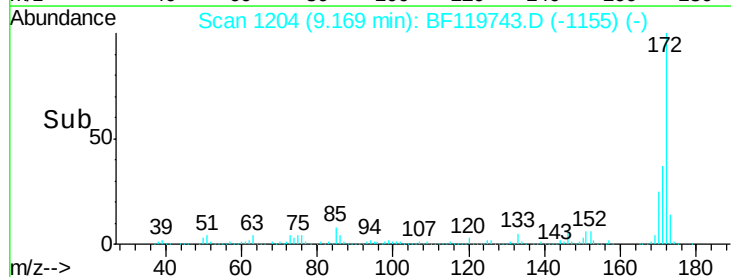
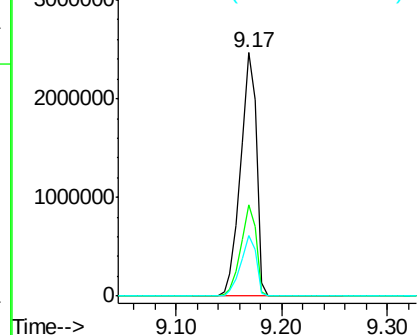


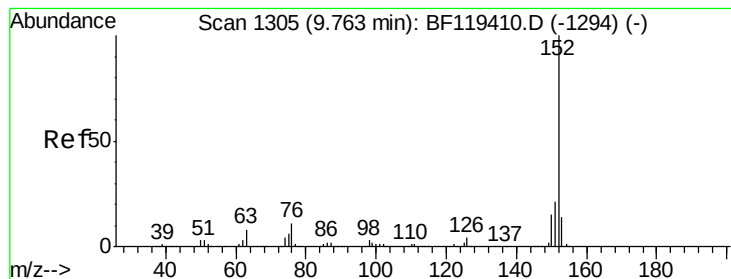
#45
 2-Fluorobiphenyl
 Concen: 105.80 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119743.D
 Acq: 4 Apr 2020 4:26

Tgt Ion:172 Resp: 2519810
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.7 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: 2.92 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

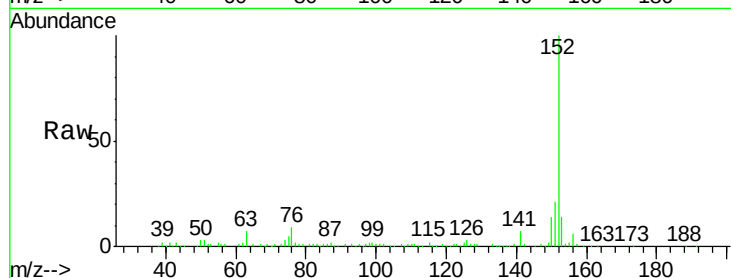
Tgt Ion:152 Resp: 103247

Ion Ratio Lower Upper

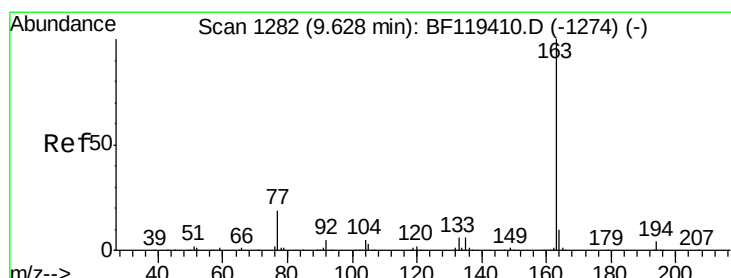
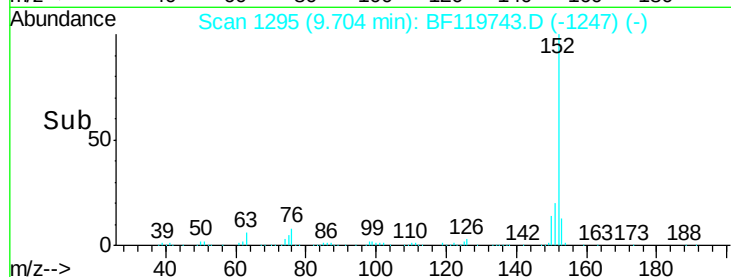
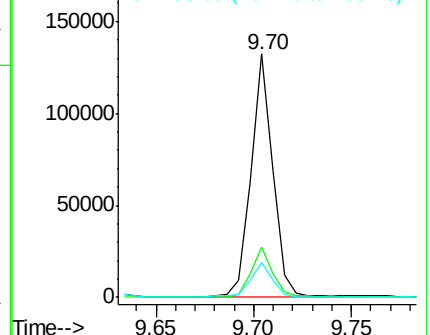
152 100

151 20.8 17.2 25.8

153 14.1 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: 11.90 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.03 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

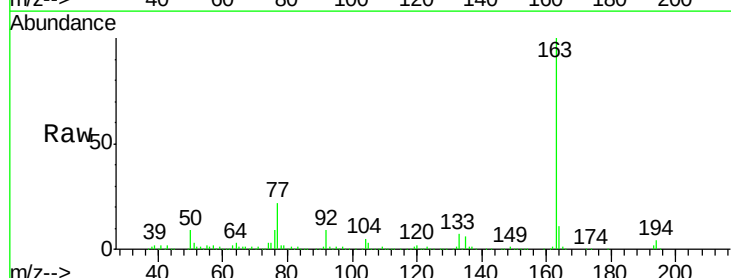
Tgt Ion:163 Resp: 298121

Ion Ratio Lower Upper

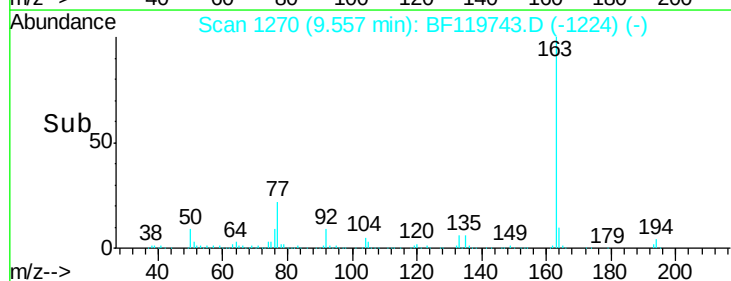
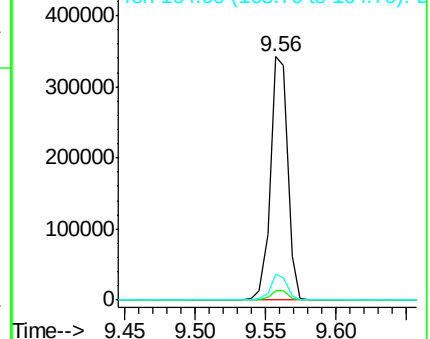
163 100

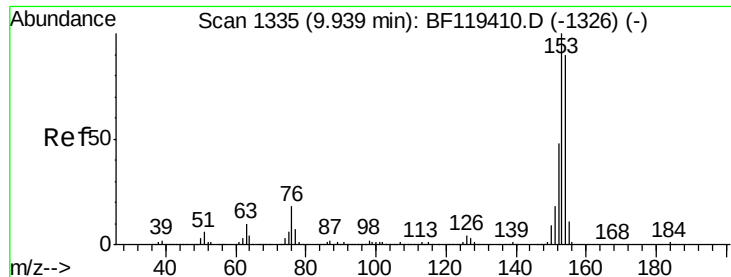
194 3.7 3.1 4.7

164 10.6 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





#52

Acenaphthene

Concen: 2.02 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

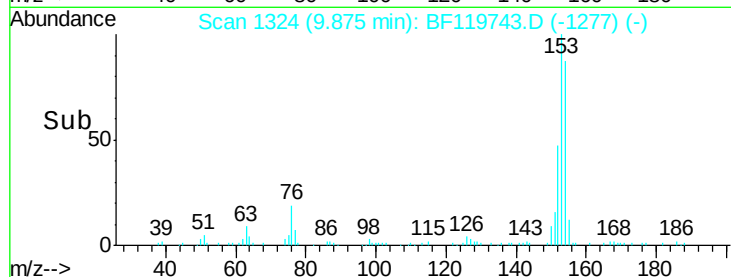
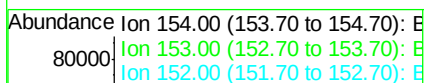
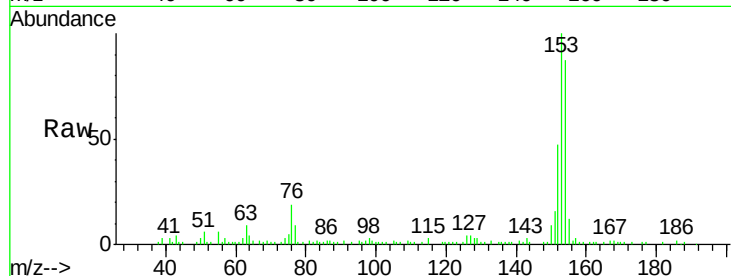
Tgt Ion:154 Resp: 44442

Ion Ratio Lower Upper

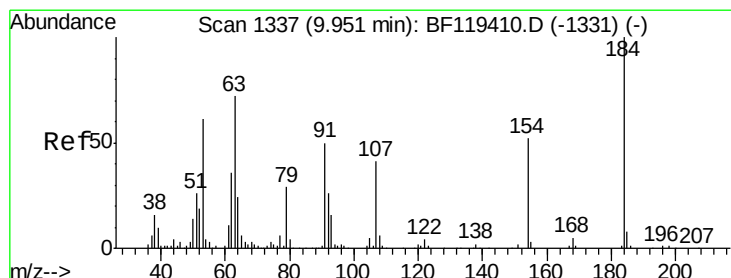
154 100

153 115.3 88.1 132.1

152 54.4 43.0 64.4



Time-->



#54

2,4-Dinitrophenol

Concen: 7.74 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.21 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

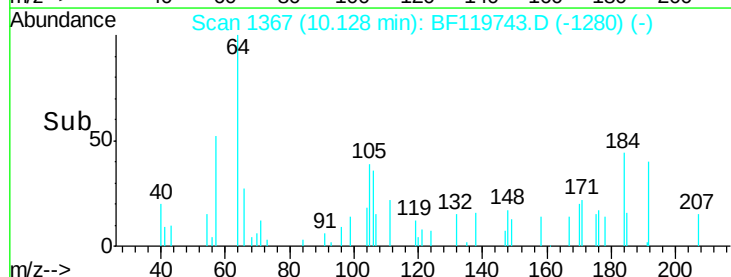
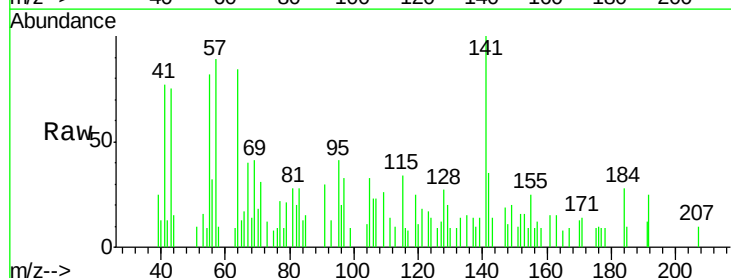
Tgt Ion:184 Resp: 1195

Ion Ratio Lower Upper

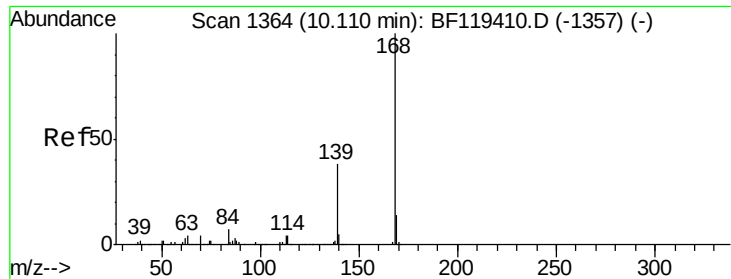
184 100

63 33.5 50.2 75.4#

154 31.1 44.5 66.7#



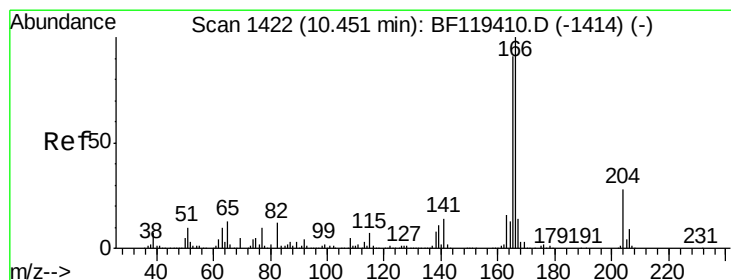
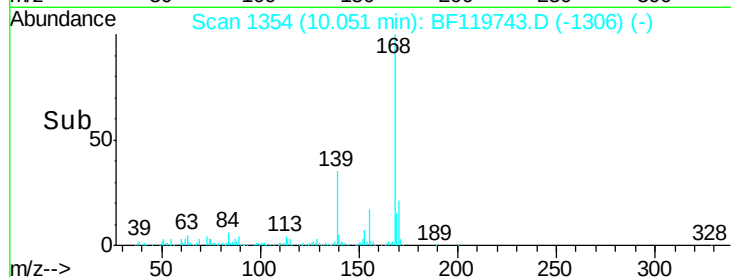
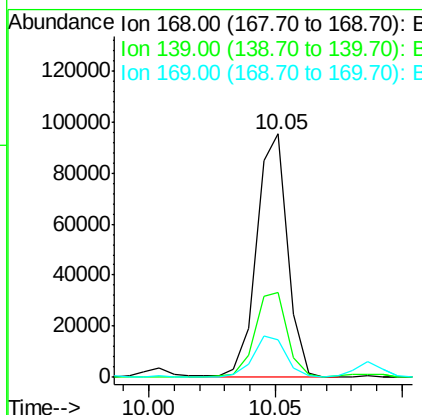
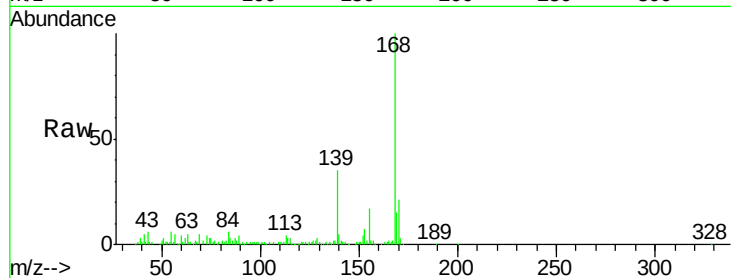
Time-->



#55
Dibenzenofuran
Concen: 2.55 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

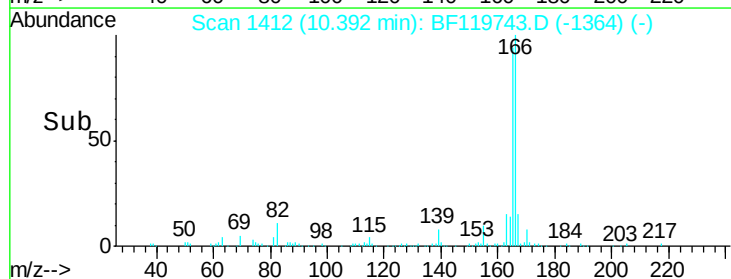
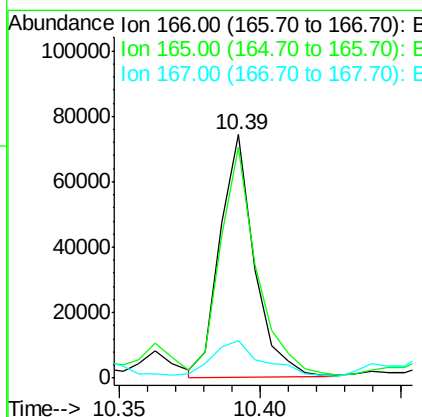
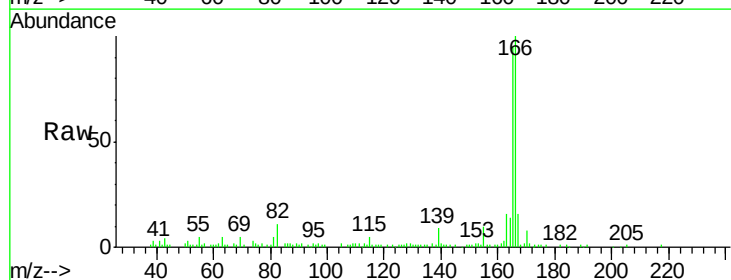
Instrument :
BNA_F
ClientSampleId :
TP-5

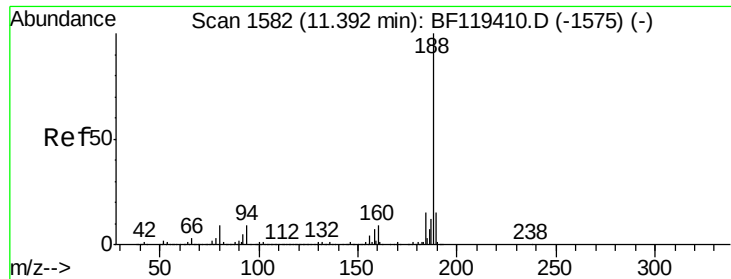
Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.1	45.1
169	15.3	11.0	16.6



#58
Fluorene
Concen: 2.69 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.8	75.4	113.2
167	15.6	11.2	16.8

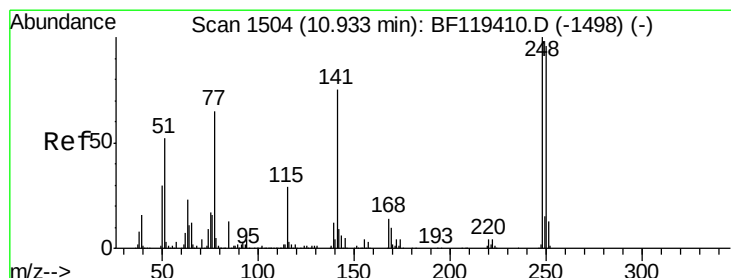
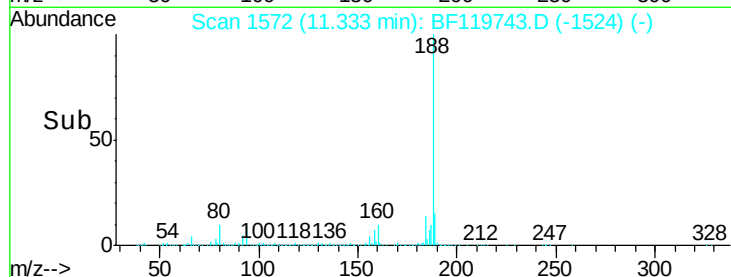
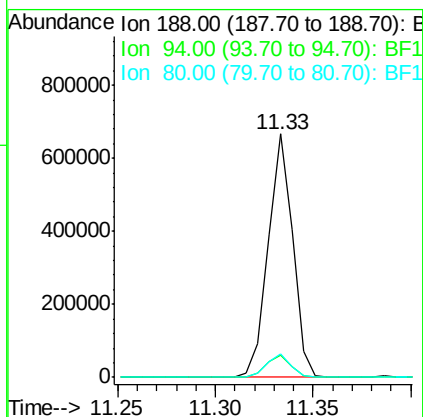
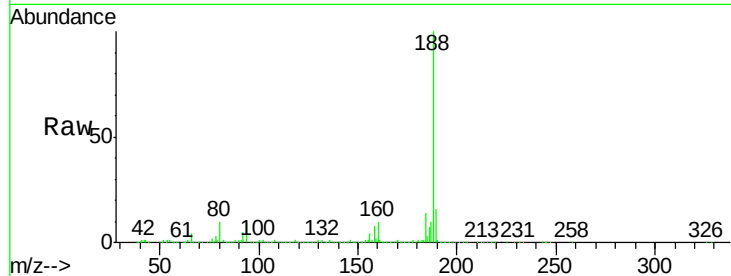




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

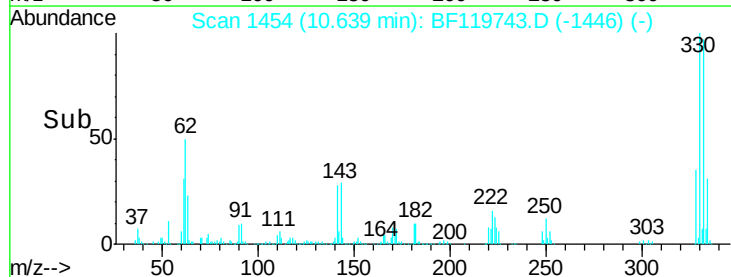
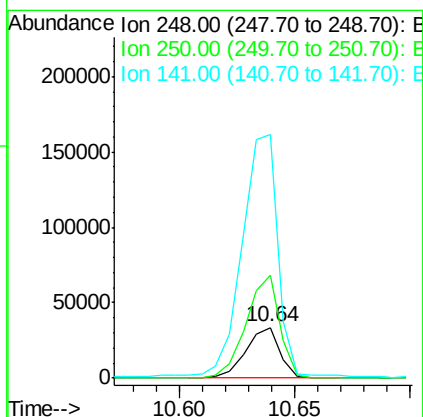
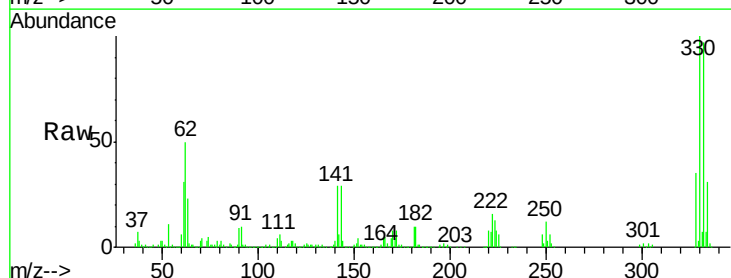
Instrument :
BNA_F
ClientSampleId :
TP-5

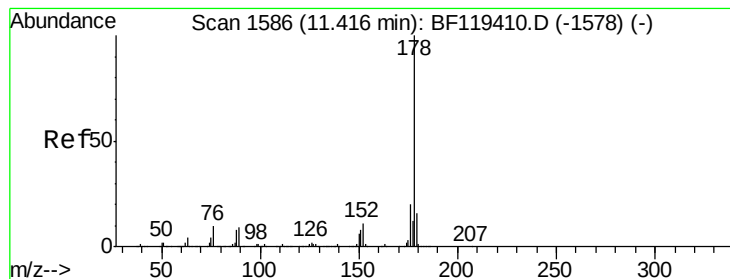
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	580555		
94	9.1		7.5	11.3
80	9.5		9.0	13.4



#67
4-Bromophenyl-phenylether
Concen: 5.22 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	34483		
250	200.9		77.3	115.9#
141	478.6		58.6	87.8#





#71

Phenanthrene

Concen: 46.98 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

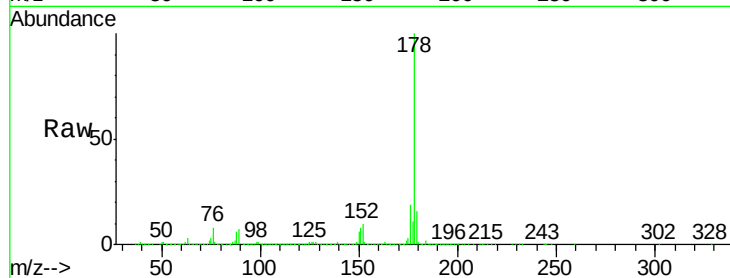
Tgt Ion:178 Resp: 1414305

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

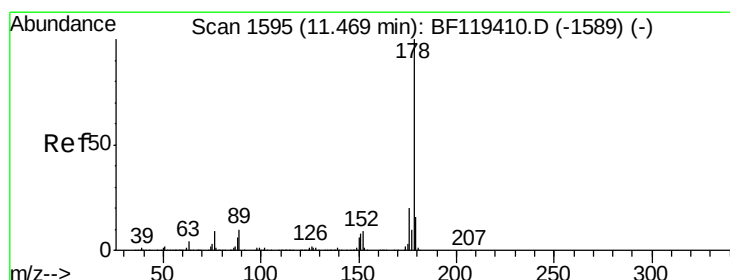
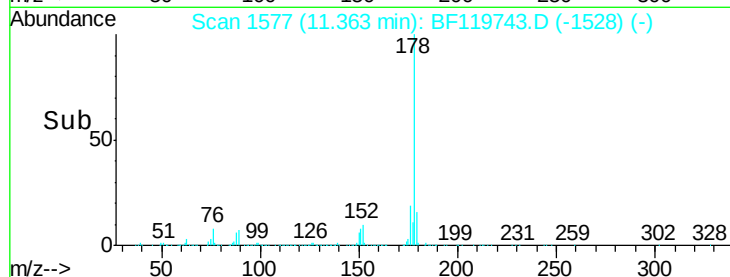
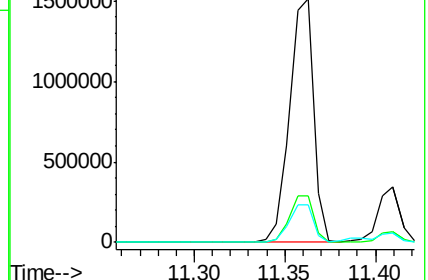
179 15.7 13.2 19.8



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: 9.33 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

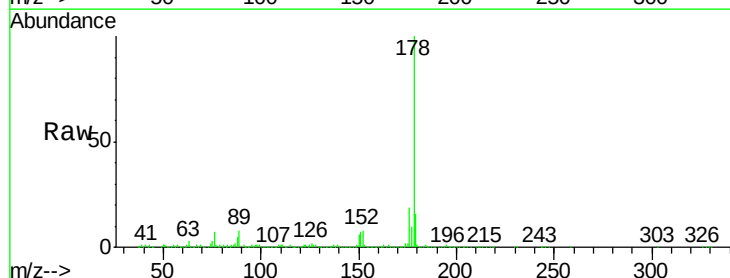
Tgt Ion:178 Resp: 285409

Ion Ratio Lower Upper

178 100

176 18.6 16.1 24.1

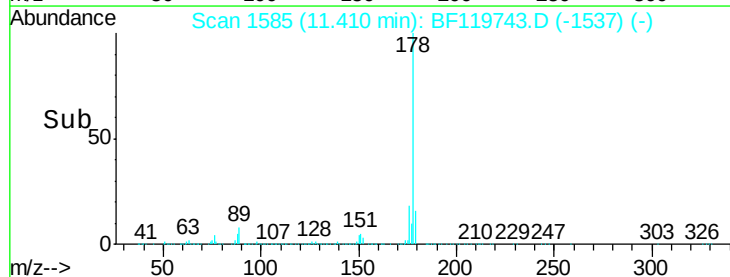
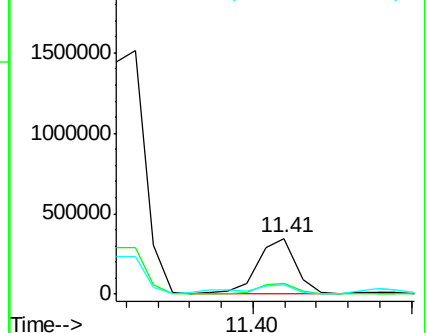
179 16.0 13.0 19.4

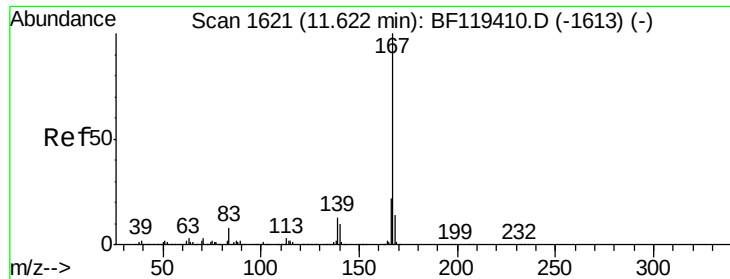


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 4.40 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

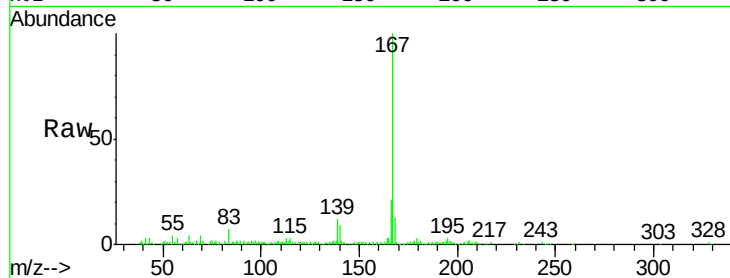
Tgt Ion:167 Resp: 133195

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.4

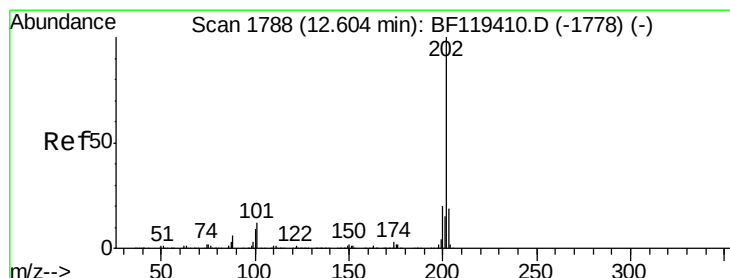
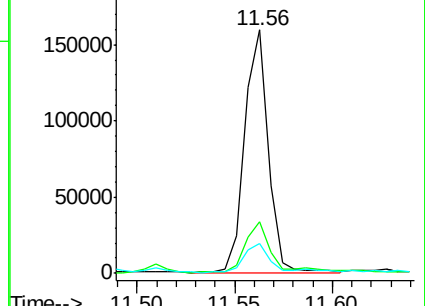
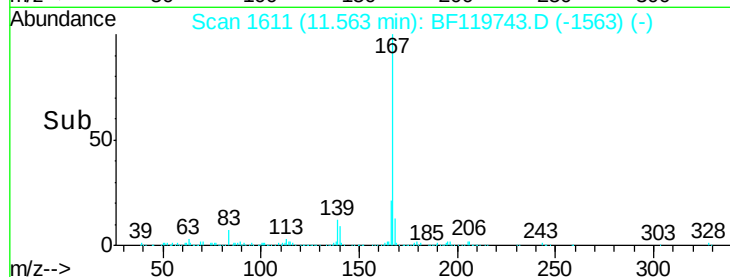
139 12.2 10.7 16.1



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: 52.84 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

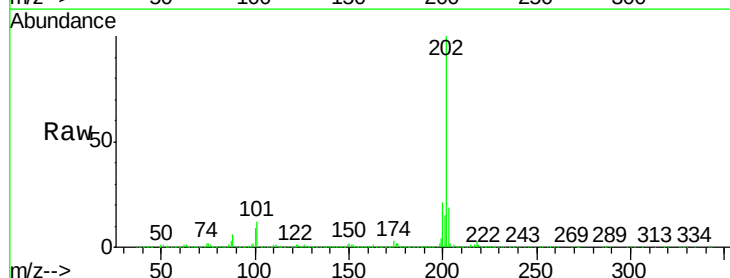
Tgt Ion:202 Resp: 1721322

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.2

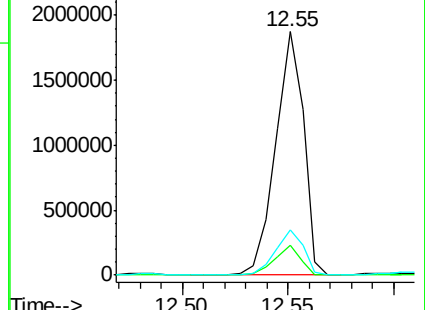
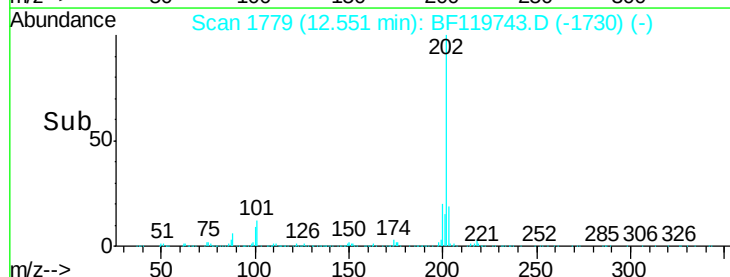
203 18.8 0.0 38.8

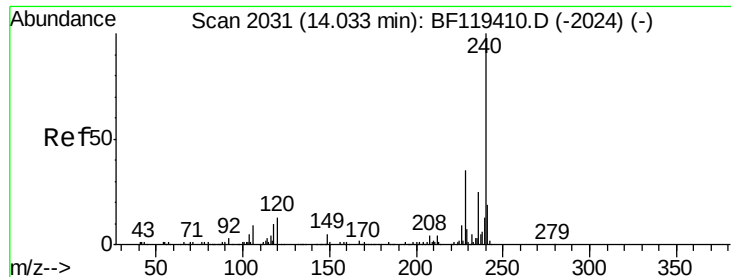


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

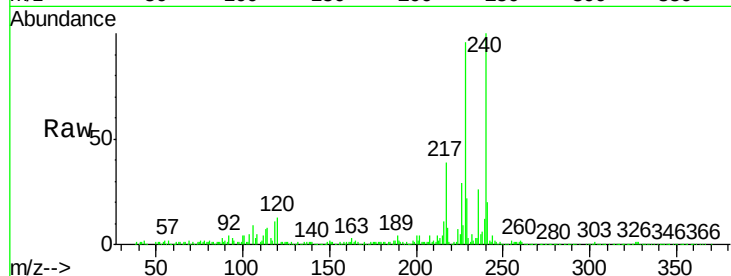
Tgt Ion:240 Resp: 357524

Ion Ratio Lower Upper

240 100

120 13.1 10.6 15.8

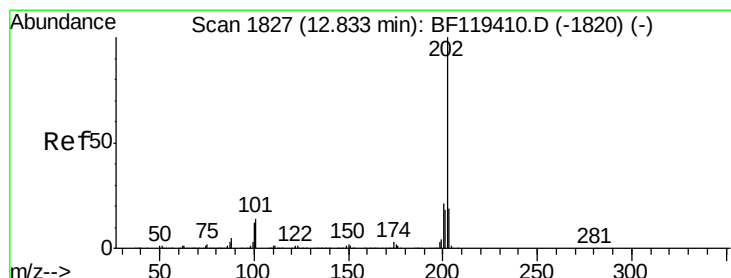
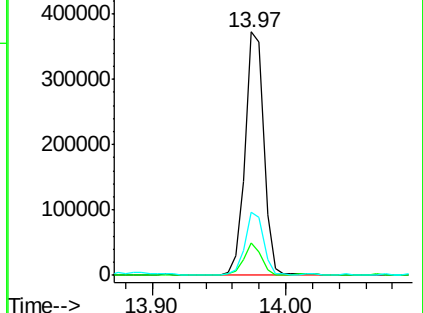
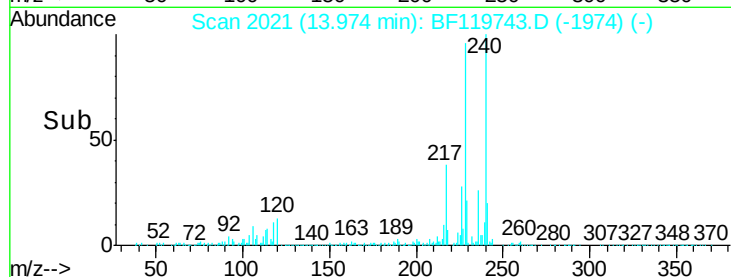
236 26.1 20.2 30.2



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: 51.66 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

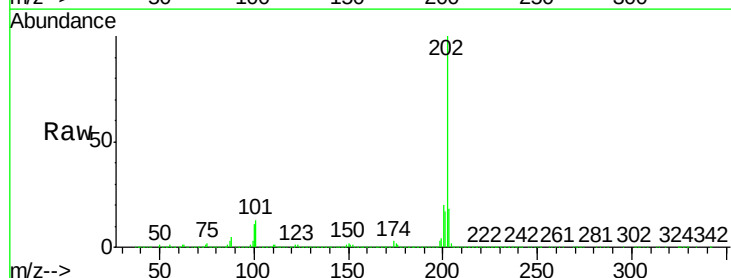
Tgt Ion:202 Resp: 1515656

Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

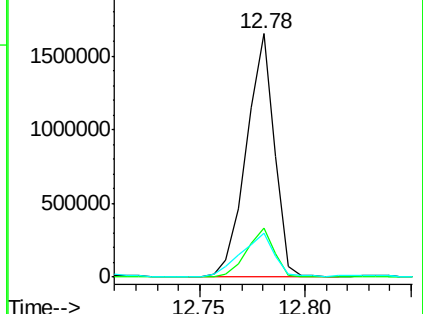
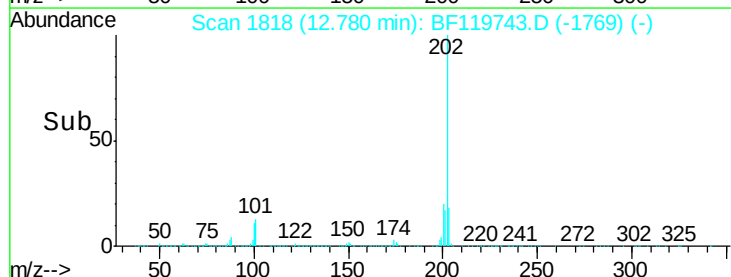
203 18.1 15.1 22.7

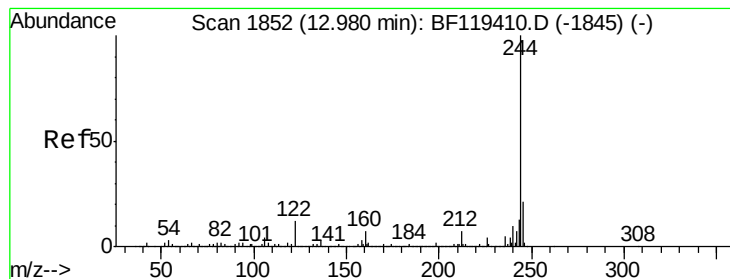


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.70 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

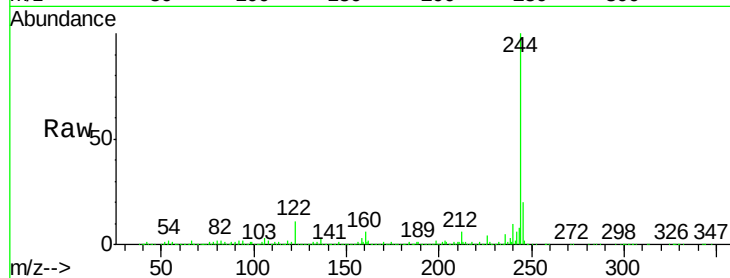
Tgt Ion:244 Resp: 1983652

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

122 10.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2500000

2000000

1500000

1000000

500000

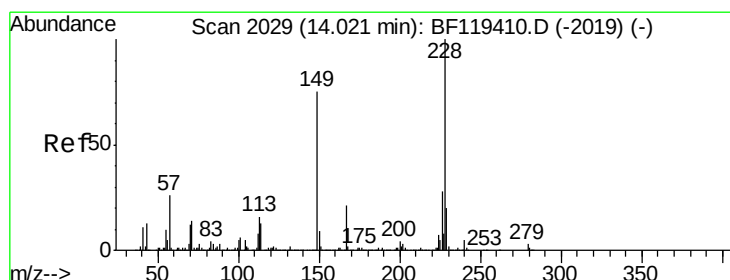
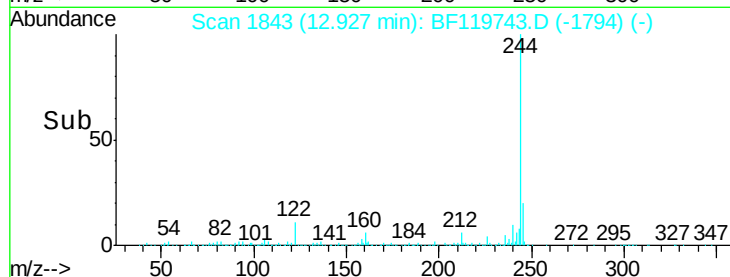
0

12.93

12.90

13.00

Time-->



#81

Benzo(a)anthracene

Concen: 35.77 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

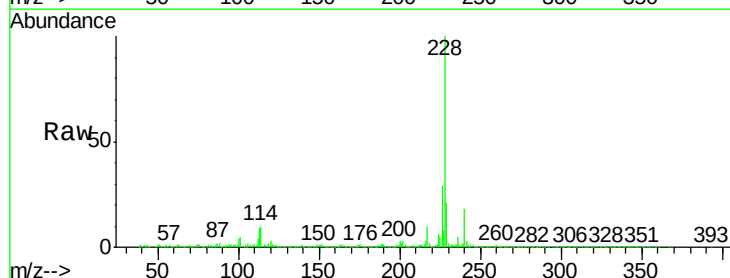
Tgt Ion:228 Resp: 831576

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.8

229 20.6 16.2 24.4



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

1200000

1000000

800000

600000

400000

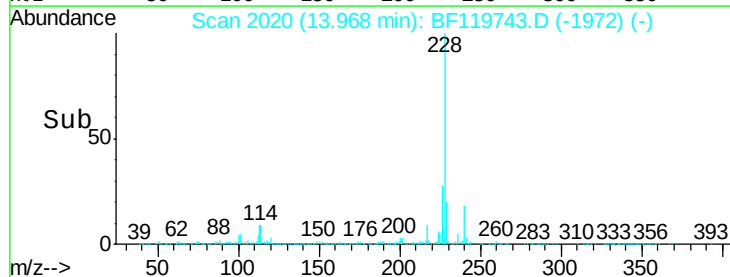
200000

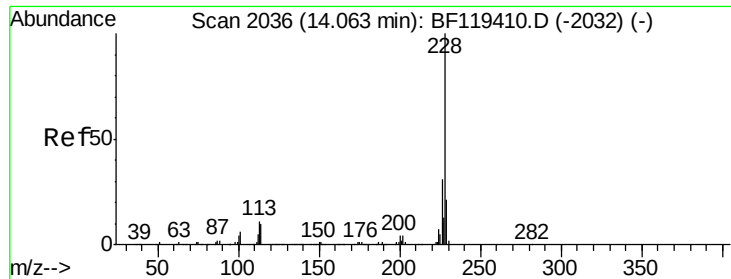
0

13.97

13.95

Time-->





#83

Chrysene

Concen: 34.38 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

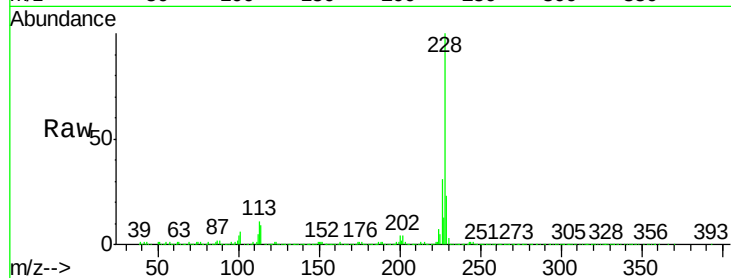
Tgt Ion:228 Resp: 824930

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

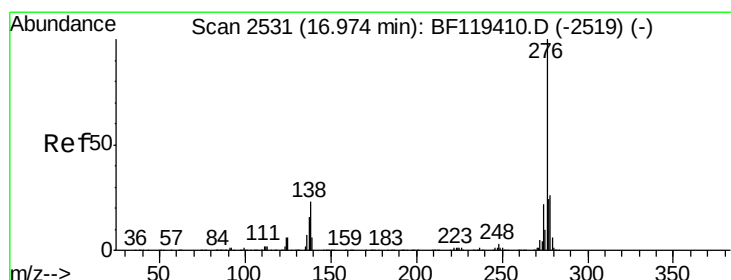
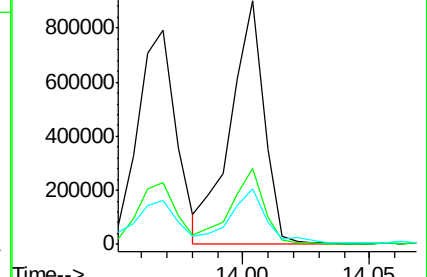
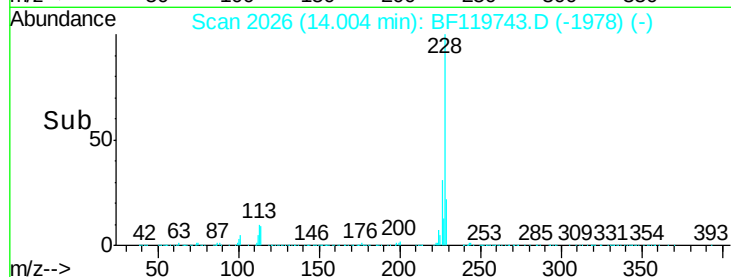
229 22.7 16.6 24.8



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: 13.79 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.05 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

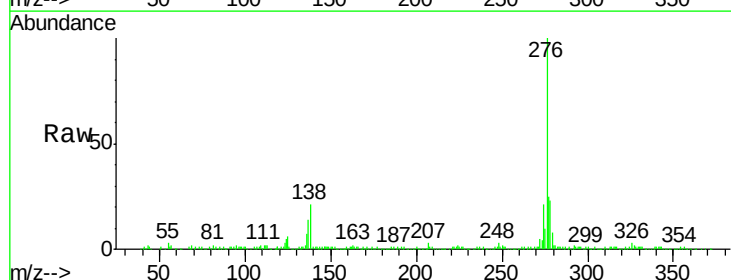
Tgt Ion:276 Resp: 311638

Ion Ratio Lower Upper

276 100

138 20.0 19.6 29.4

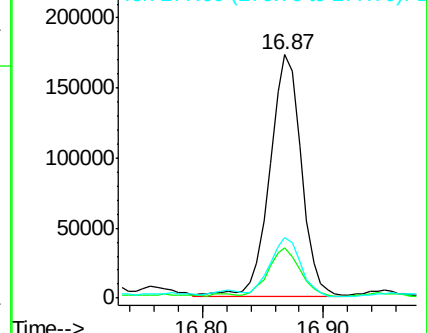
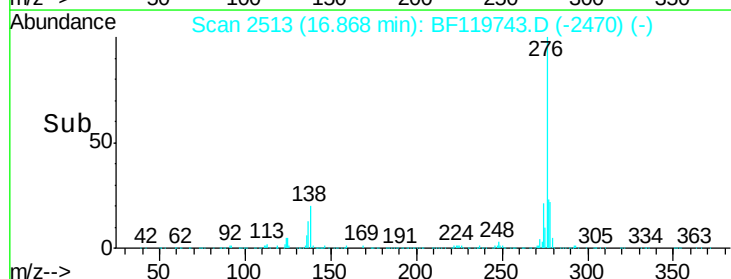
277 24.3 20.0 30.0

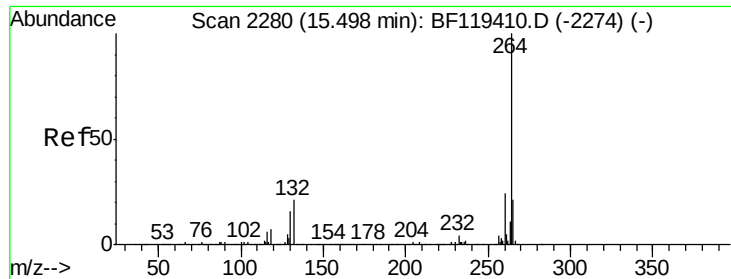


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5

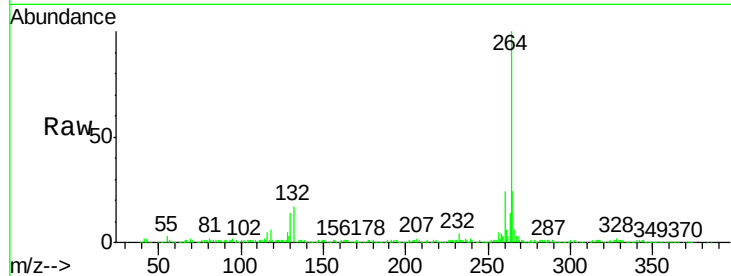
Tgt Ion:264 Resp: 378866

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

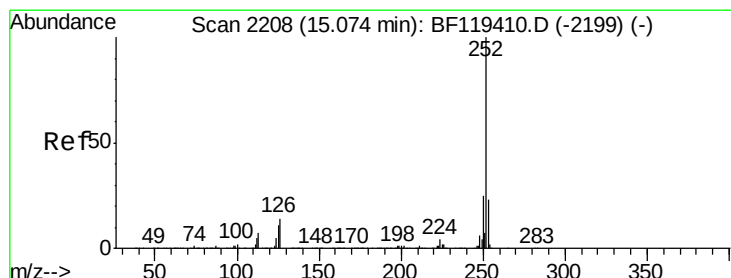
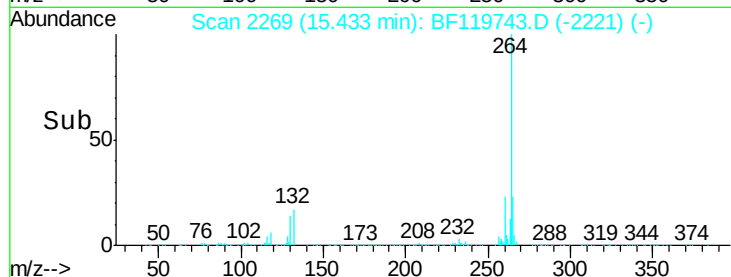
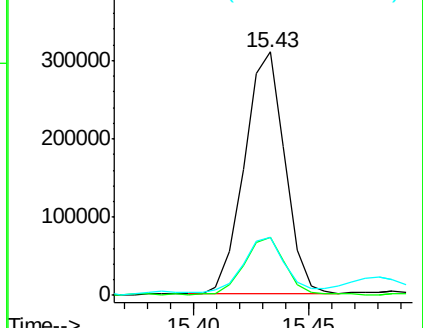
265 23.8 17.7 26.5



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: 47.57 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF119743.D

Acq: 4 Apr 2020 4:26

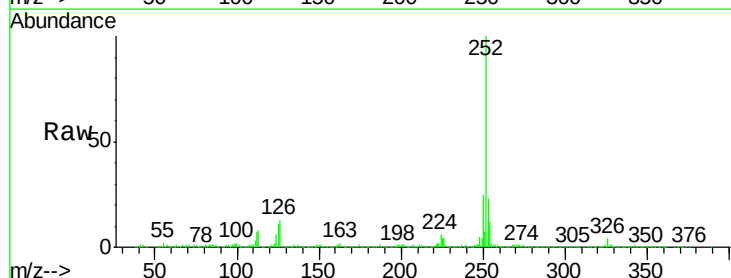
Tgt Ion:252 Resp: 1203835

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

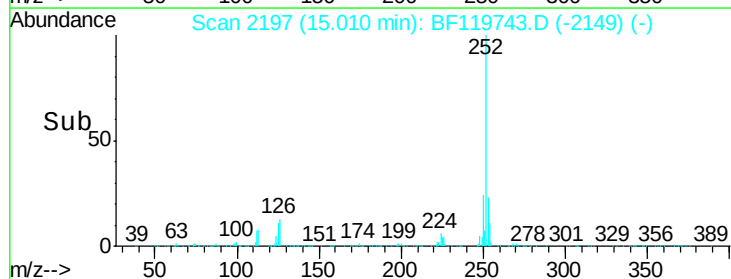
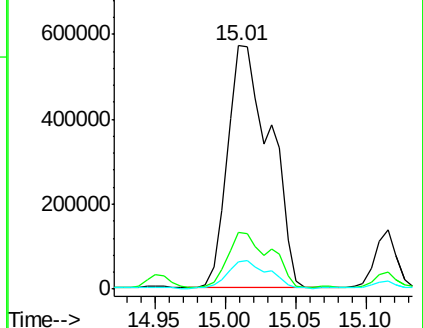
125 11.3 7.9 11.9

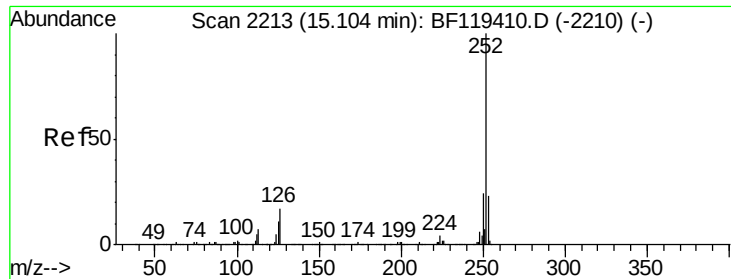


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

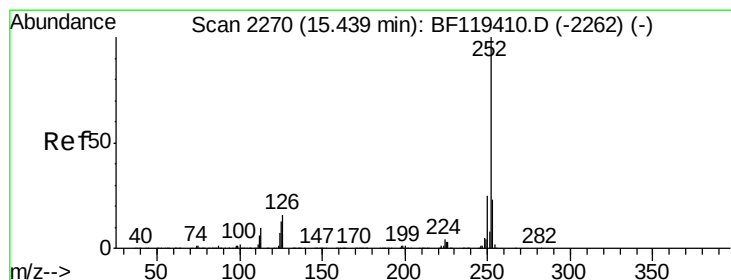
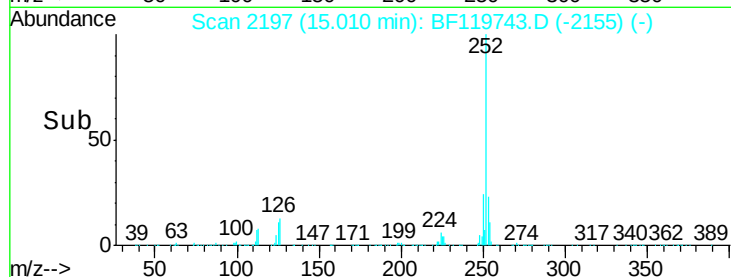
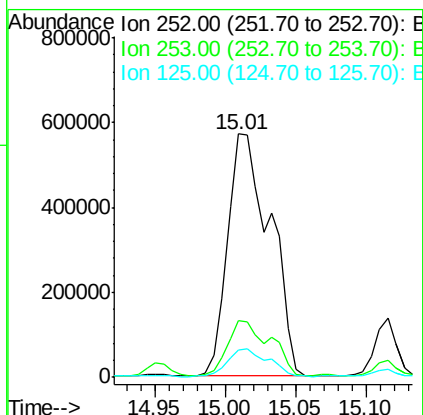
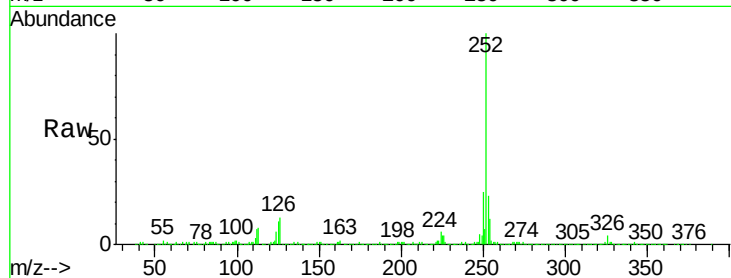




#89
Benzo(k)fluoranthene
Concen: 49.95 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.05 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

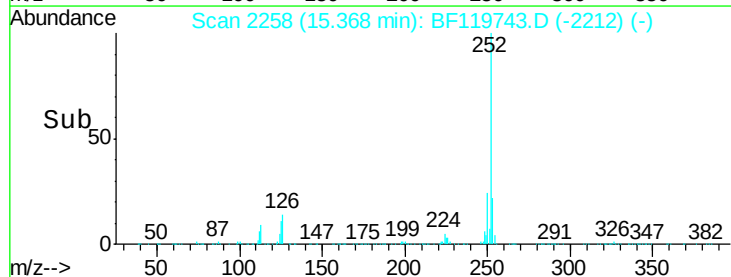
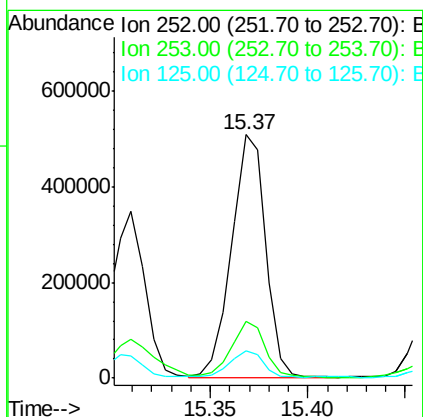
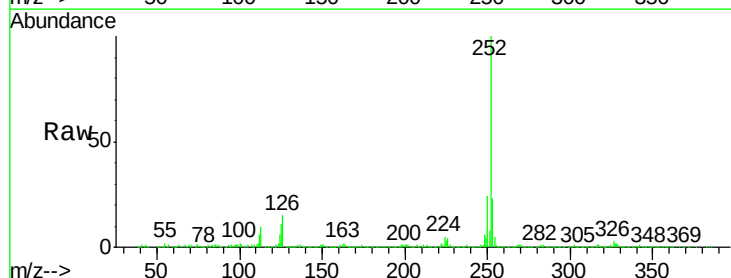
Instrument :
BNA_F
ClientSampleId :
TP-5

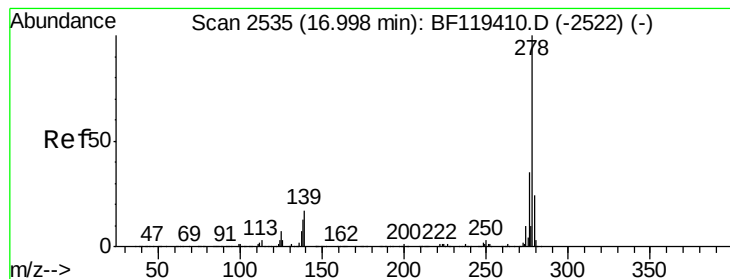
Tgt Ion:252 Resp: 1203835
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 11.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 26.58 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.03 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

Tgt Ion:252 Resp: 611397
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 11.4 9.4 14.2



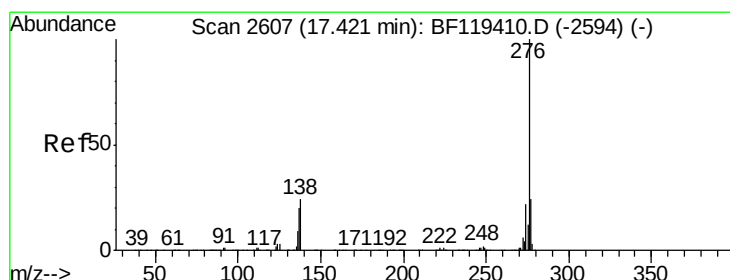
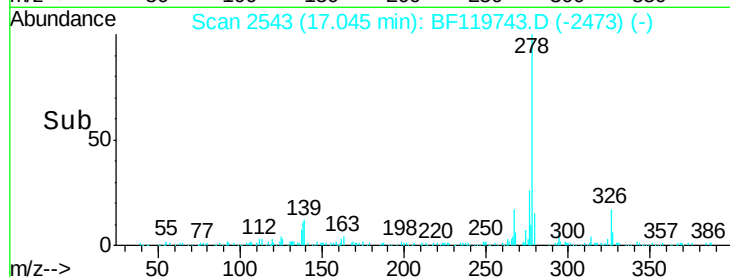
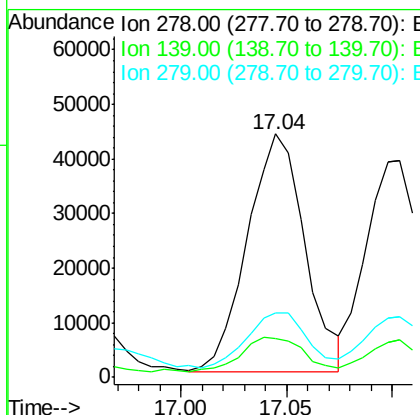
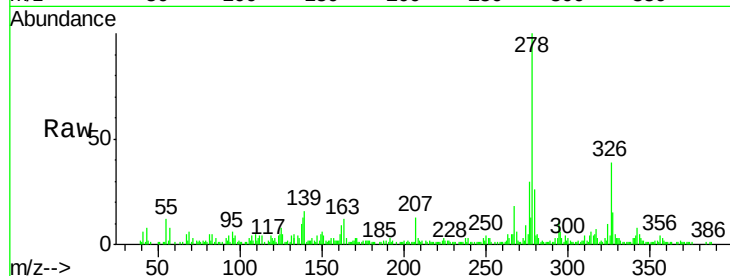


#91
Dibenzo(a,h)anthracene
Concen: 4.09 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.11 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 278 Resp: 82189

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	26.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 12.43 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.05 min
Lab File: BF119743.D
Acq: 4 Apr 2020 4:26

Tgt Ion: 276 Resp: 251204

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.4	27.6
138	23.1	15.4	23.0

