

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041620\
 Data File : BF120032.D
 Acq On : 16 Apr 2020 13:27
 Operator : MA/SJ
 Sample : L2229-13 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32

Quant Time: Apr 16 14:00:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 10:48:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137879	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	489783	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	225779	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	366963	20.00	ng	0.00
76) Chrysene-d12	13.89	240	232825	20.00	ng	0.00
87) Perylene-d12	15.32	264	232393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	151512	18.99	ng	0.00
7) Phenol-d6	6.35	99	193034	18.78	ng	-0.01
23) Nitrobenzene-d5	7.28	82	117625	12.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	33789	12.22	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	238981	15.03	ng	0.00
79) Terphenyl-d14	12.84	244	179845	13.00	ng	-0.01

Target Compounds

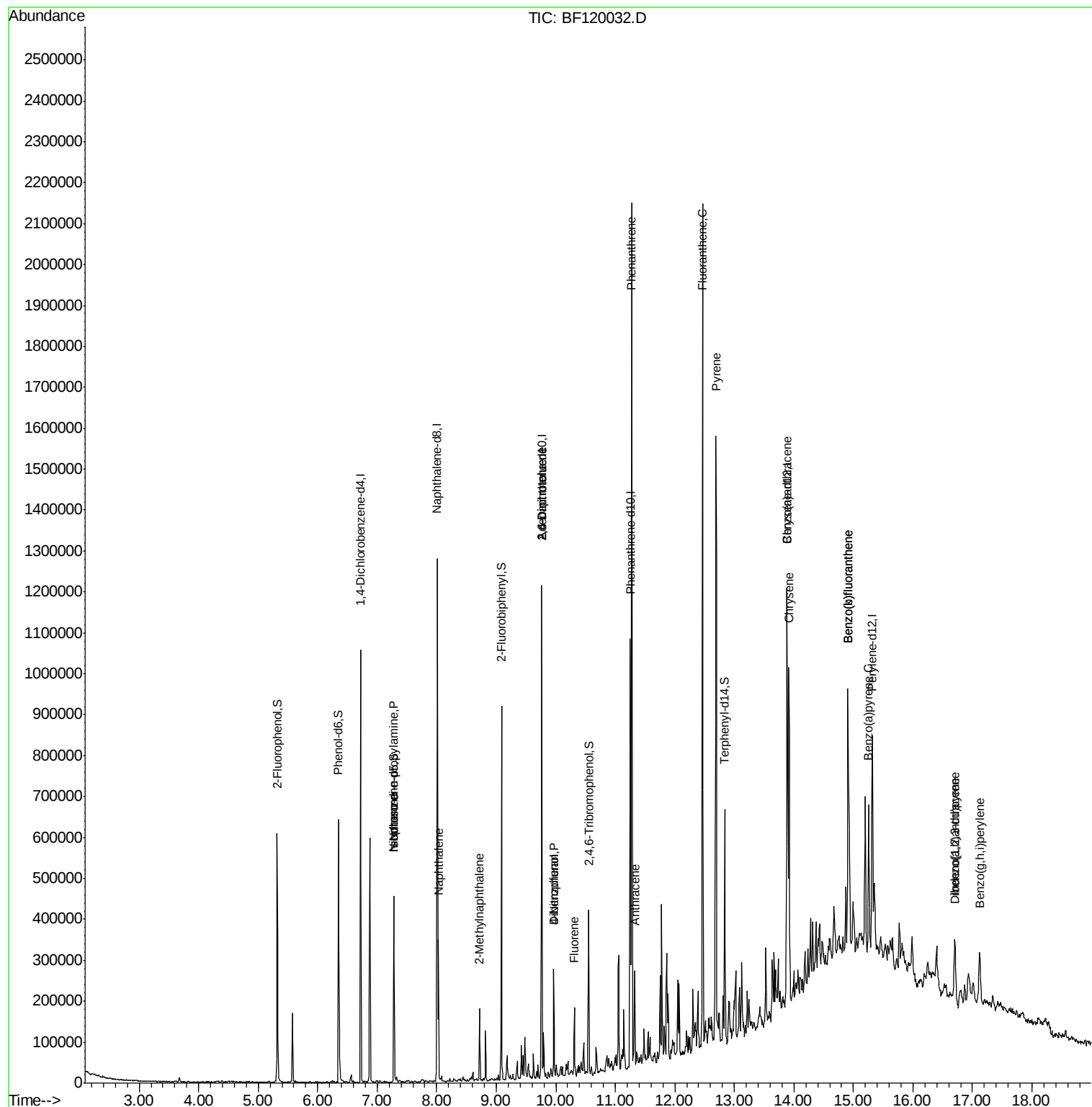
						Qvalue
9) Benzaldehyde	6.25	77	127	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	15964	2.415 ng	#	72
25) Isophorone	7.28	82	115787	6.344 ng	#	65
31) Naphthalene	8.03	128	129884	5.040 ng		97
37) 2-Methylnaphthalene	8.72	142	40592	2.323 ng		98
51) 2,6-Dinitrotoluene	9.76	165	31239	8.169 ng	#	19
55) Dibenzofuran	9.97	168	81336	3.980 ng		96
56) 4-Nitrophenol	9.97	139	29816	9.175 ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	31239	6.200 ng	#	22
58) Fluorene	10.31	166	37385	2.287 ng		96
71) Phenanthrene	11.27	178	741787	37.982 ng		99
72) Anthracene	11.33	178	94065	4.715 ng		95
75) Fluoranthene	12.47	202	791462	37.559 ng		98
78) Pyrene	12.69	202	624174	31.801 ng		99
81) Benzo(a)anthracene	13.88	228	288142	18.812 ng		98
83) Chrysene	13.92	228	325297	20.902 ng		98
86) Indeno(1,2,3-cd)pyrene	16.70	276	94915	6.919 ng		99
88) Benzo(b)fluoranthene	14.91	252	457206	27.348 ng		99
89) Benzo(k)fluoranthene	14.91	252	457206	31.697 ng		99
90) Benzo(a)pyrene	15.26	252	163234	11.613 ng		97
91) Dibenz(a,h)anthracene	16.72	278	28051	2.253 ng	#	88
92) Benzo(g,h,i)perylene	17.12	276	94180	7.663 ng		96

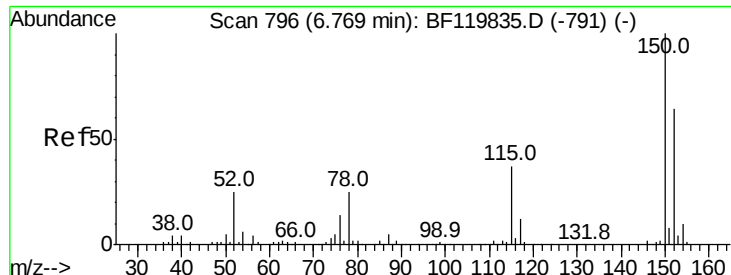
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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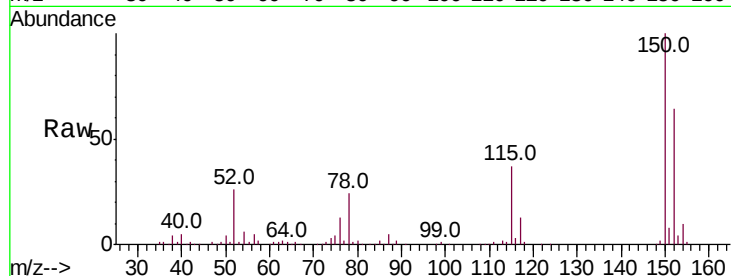


#1

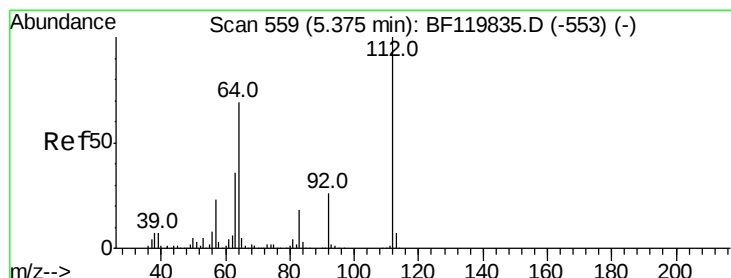
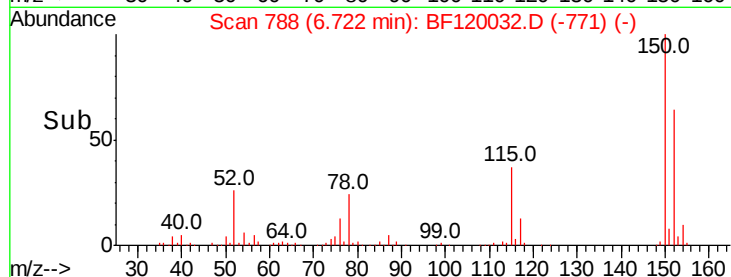
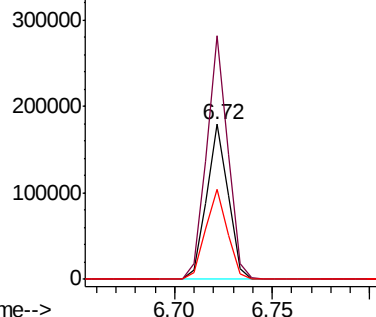
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF120032.D
 Acq: 16 Apr 2020 13:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-32

Tot Ion:152 Resp: 137879
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.8 187.2
 115 58.4 46.5 69.7



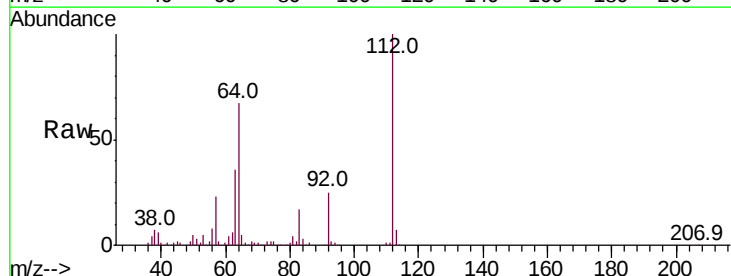
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



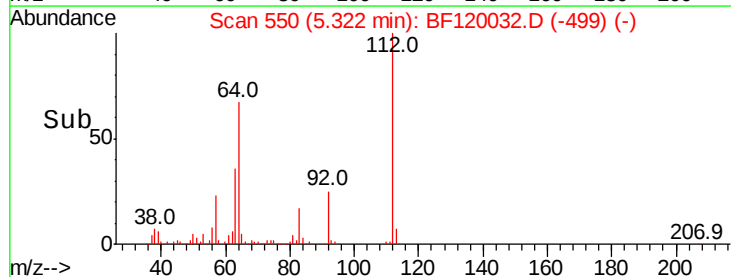
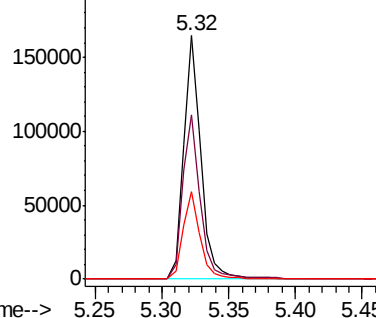
#5

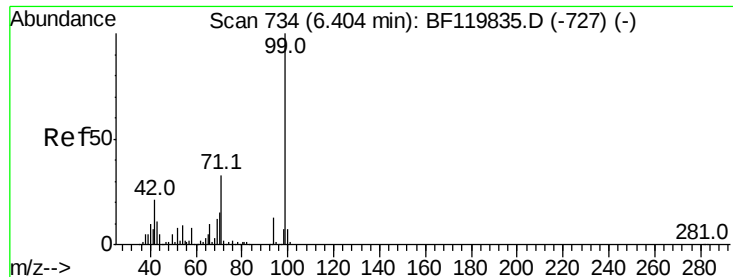
2-Fluorophenol
 Concen: 18.991 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF120032.D
 Acq: 16 Apr 2020 13:27

Tgt Ion:112 Resp: 151512
 Ion Ratio Lower Upper
 112 100
 64 67.4 55.5 83.3
 63 35.8 29.1 43.7



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: 18.777 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

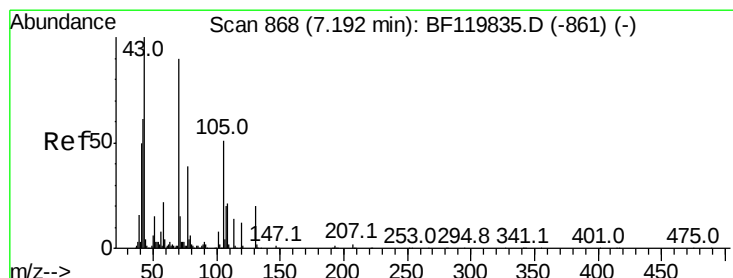
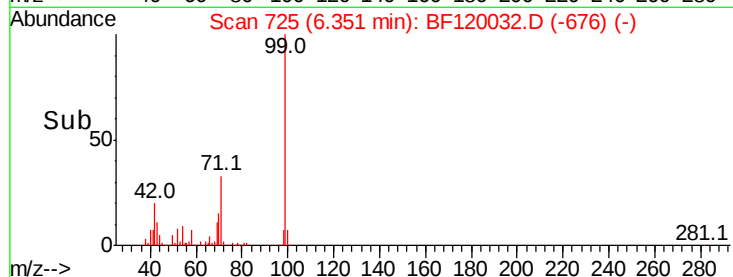
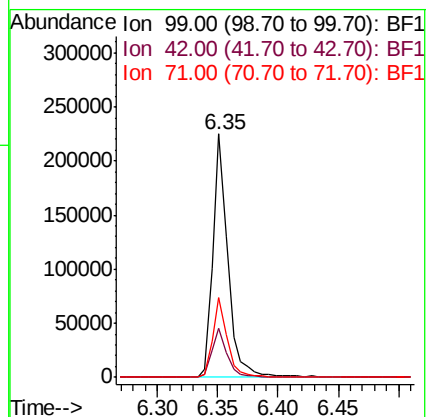
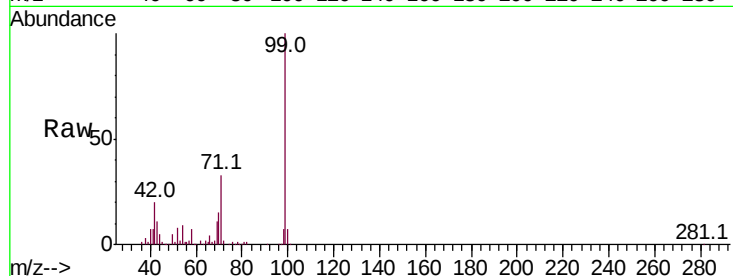
Tot Ion: 99 Resp: 193034

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 32.6 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.415 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Tgt Ion: 70 Resp: 15964

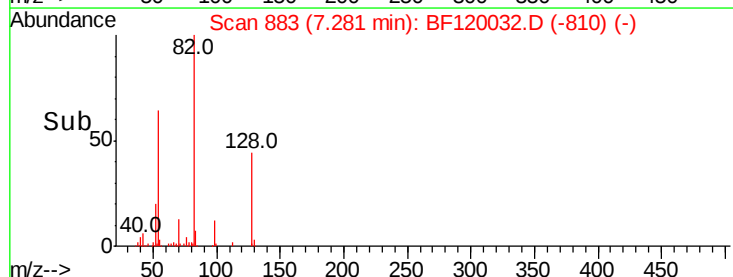
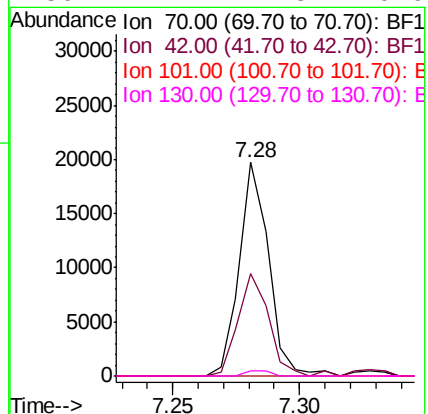
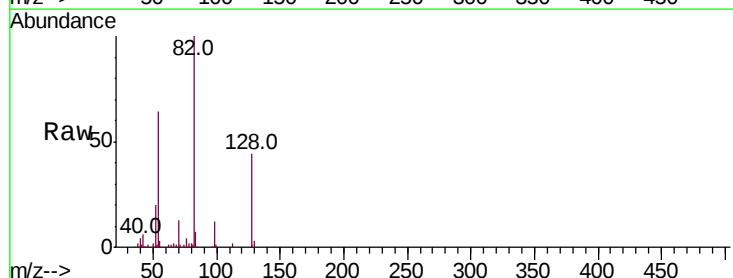
Ion Ratio Lower Upper

70 100

42 48.1 54.2 81.4#

101 0.0 7.4 11.2#

130 2.7 17.8 26.6#

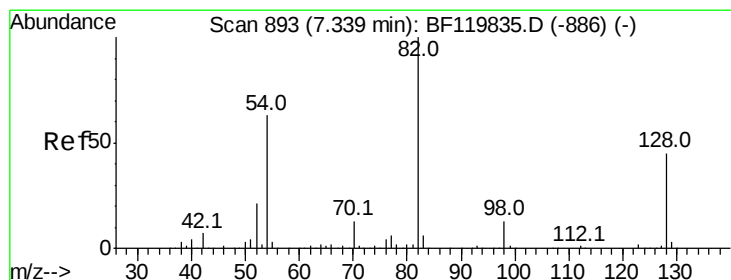
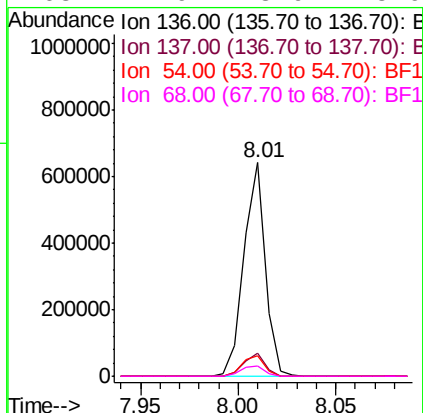
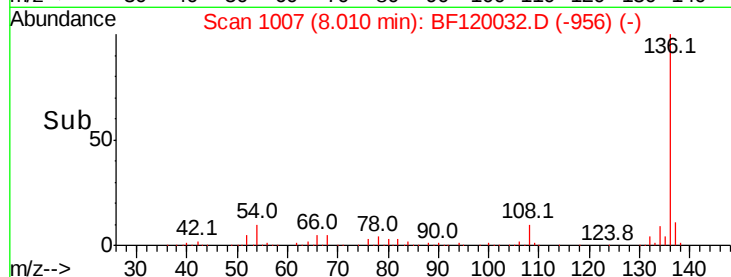
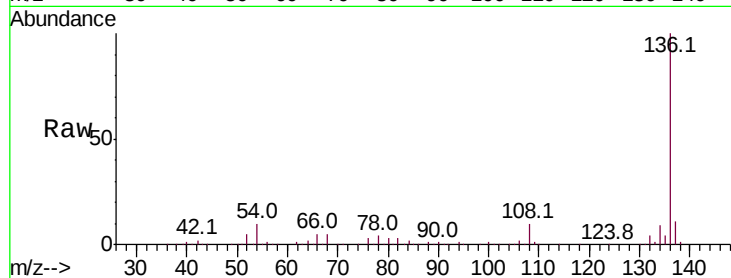




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

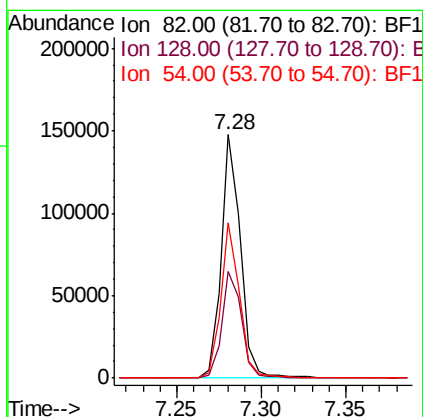
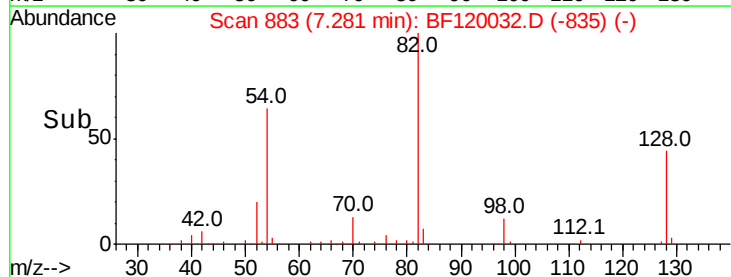
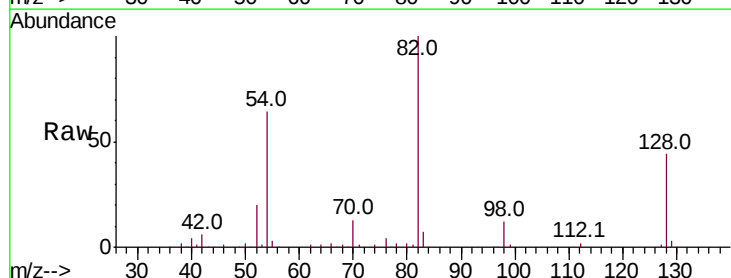
Instrument :
BNA_F
ClientSampleId :
TP-32

Tot Ion:	136	Resp:	489783
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	8.5	12.7
68	4.9	3.9	5.9



#23
Nitrobenzene-d5
Concen: 12.424 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:	82	Resp:	117625
Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.2	54.4
54	63.6	50.4	75.6





#25

Isophorone

Concen: 6.344 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

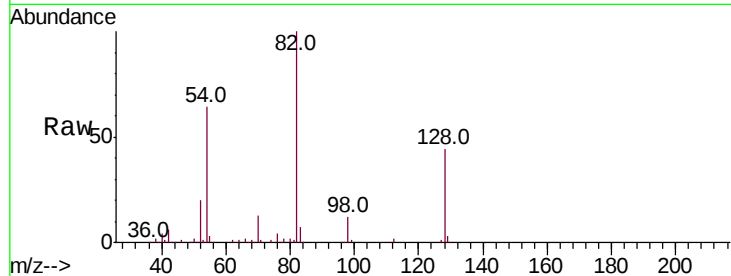
Tot Ion: 82 Resp: 115787

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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

7.28

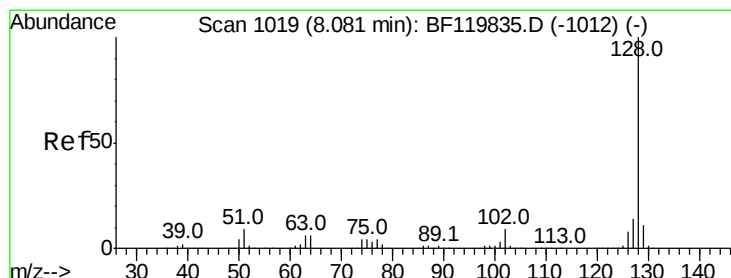
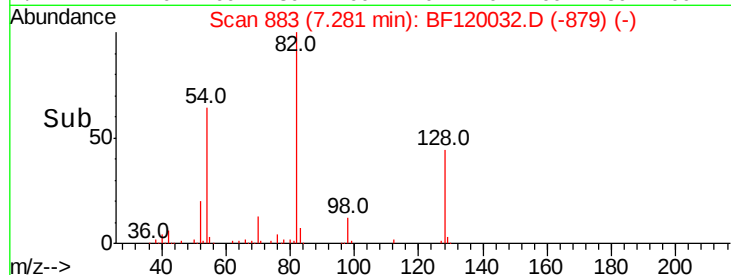
150000

100000

50000

0

Time-->



#31

Naphthalene

Concen: 5.040 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

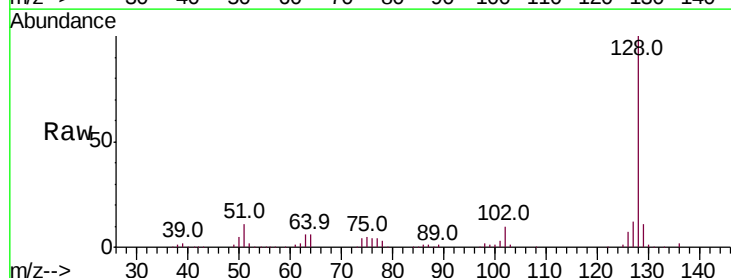
Tgt Ion: 128 Resp: 129884

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

127 12.2 11.0 16.4



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

8.03

200000

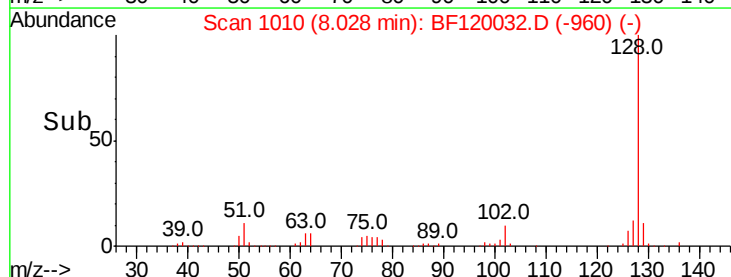
150000

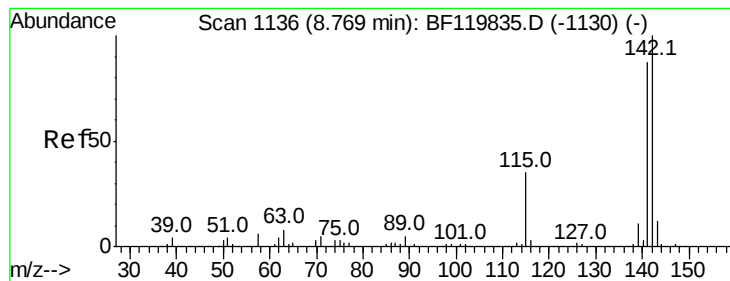
100000

50000

0

Time-->





#37

2-Methylnaphthalene

Concen: 2.323 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

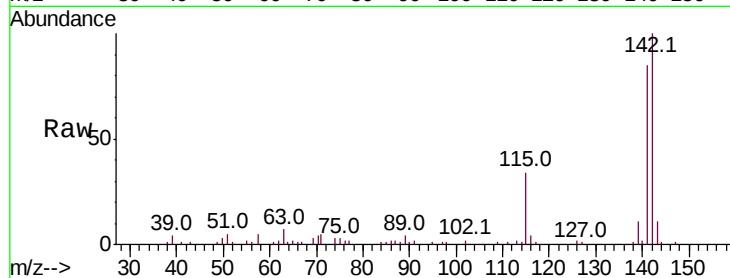
Tot Ion:142 Resp: 40592

Ion Ratio Lower Upper

142 100

141 84.7 69.9 104.9

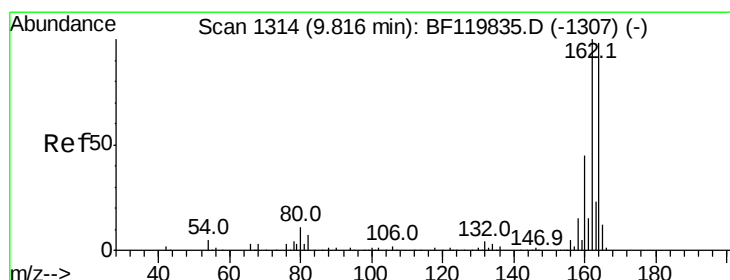
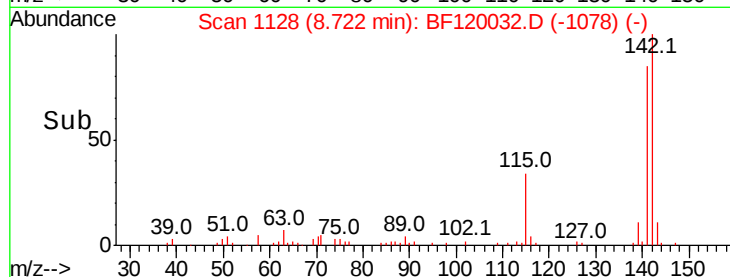
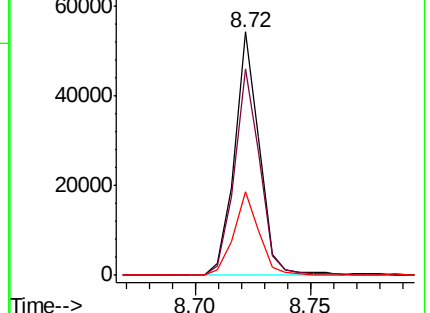
115 34.2 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

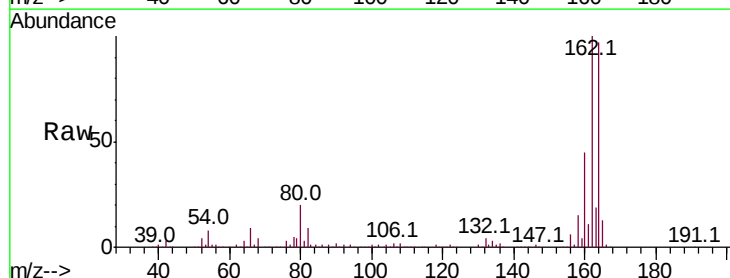
Tgt Ion:164 Resp: 225779

Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

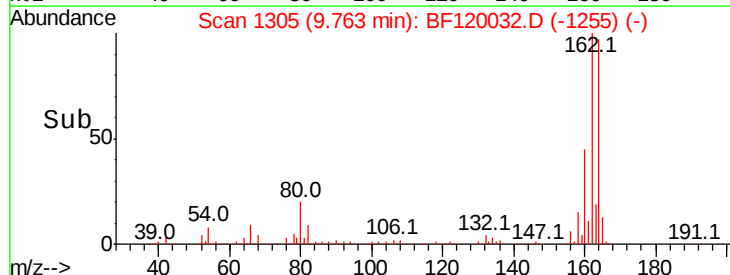
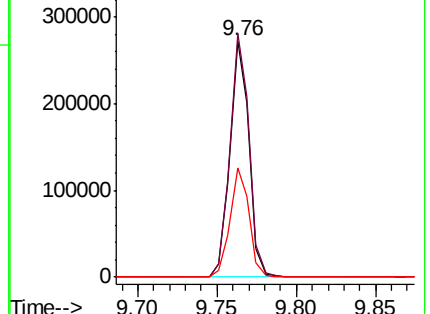
160 46.0 36.6 54.8

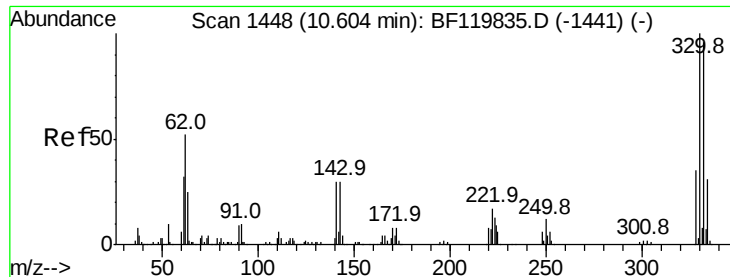


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 12.223 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

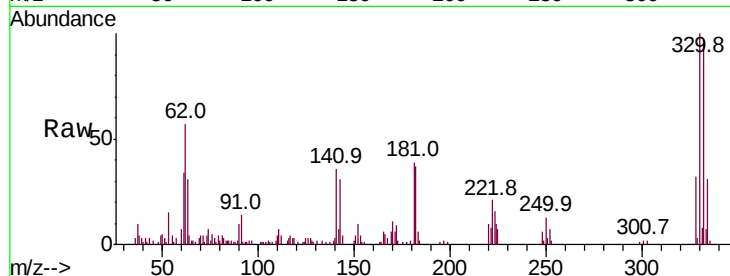
Tot Ion:330 Resp: 33789

Ion Ratio Lower Upper

330 100

332 98.7 76.8 115.2

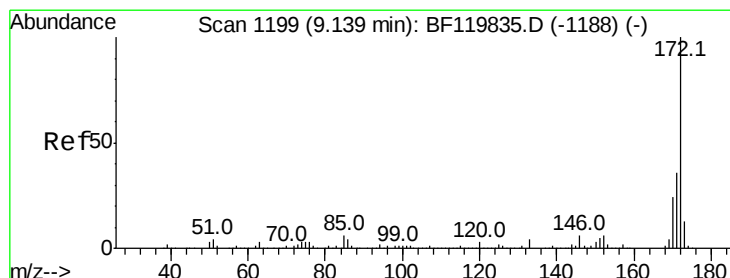
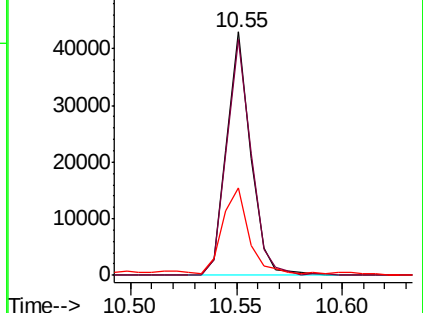
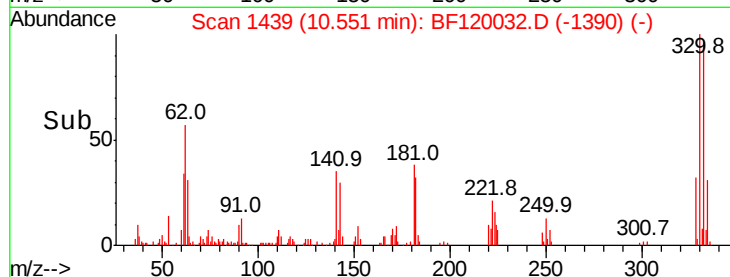
141 37.7 25.1 37.7#



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: 15.028 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

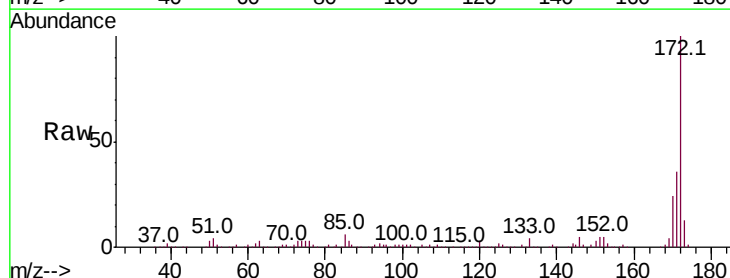
Tgt Ion:172 Resp: 238981

Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

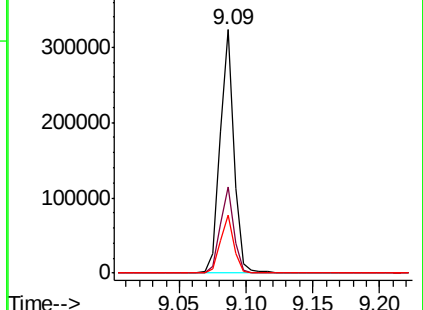
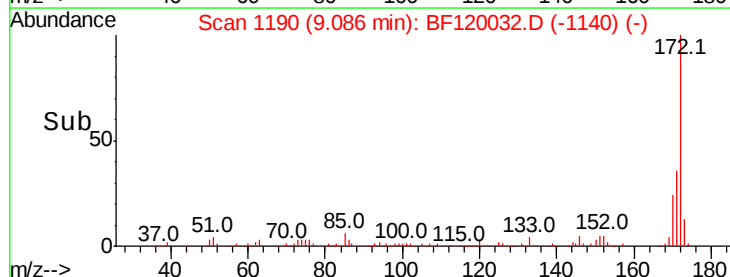
170 23.9 19.4 29.2

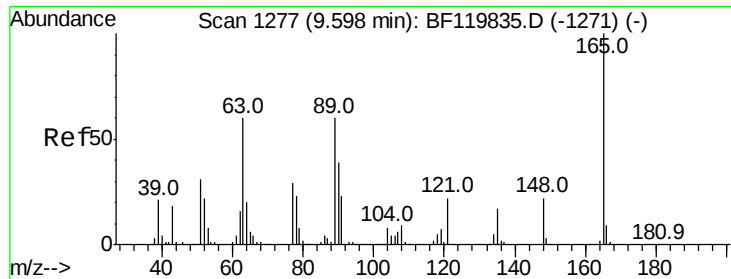


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

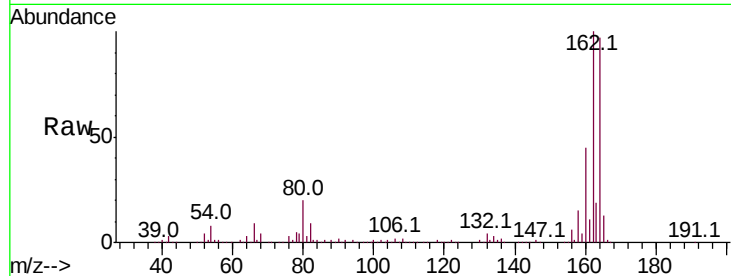




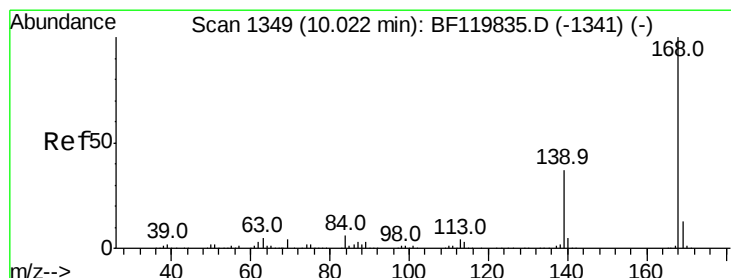
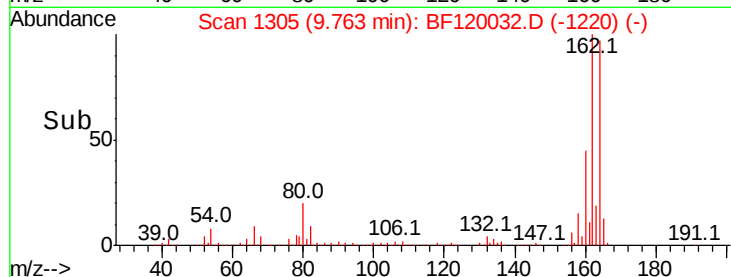
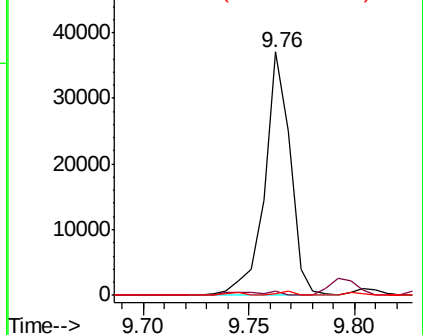
#51
 2,6-Dinitrotoluene
 Concen: 8.169 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120032.D
 Acq: 16 Apr 2020 13:27

Instrument :
 BNA_F
 ClientSampled :
 TP-32

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	55.6	83.4#
89	0.9	47.9	71.9#

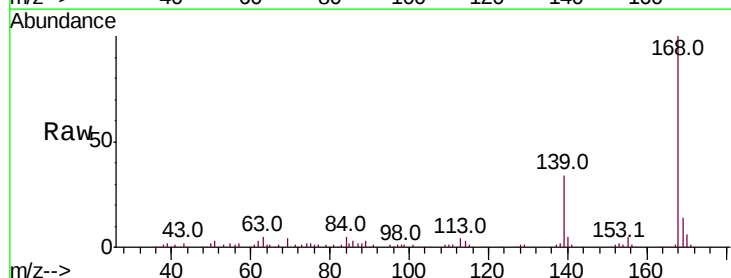


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

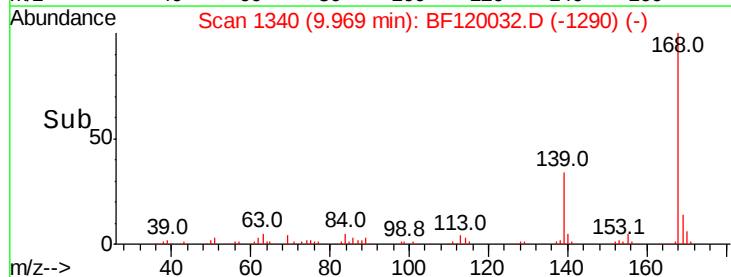
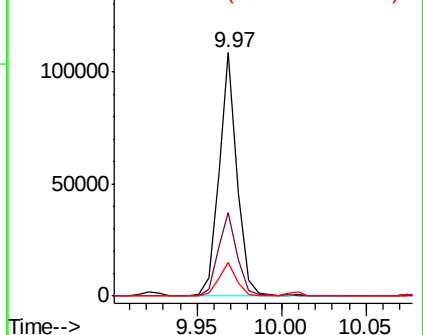


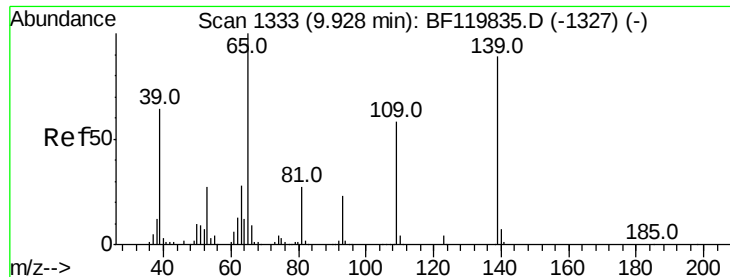
#55
 Dibenzofuran
 Concen: 3.980 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF120032.D
 Acq: 16 Apr 2020 13:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.5	29.8	44.6
169	14.0	10.6	15.8



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

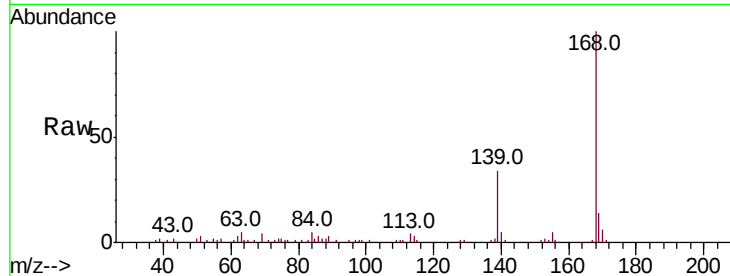




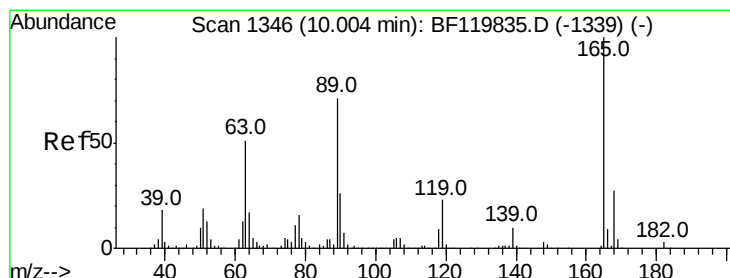
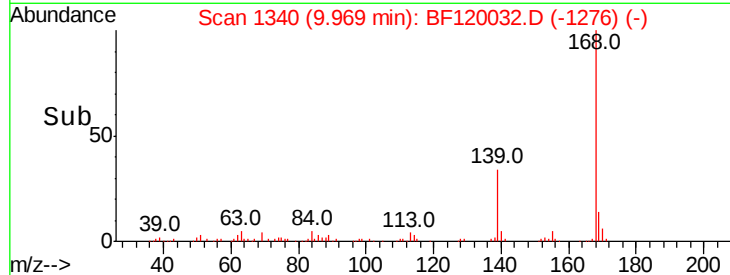
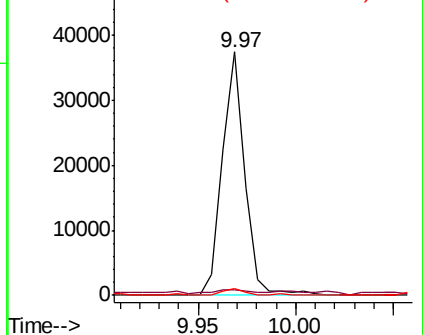
#56
4-Nitrophenol
Concen: 9.175 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.08 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleID :
TP-32

Tot Ion	Ratio	Lower	Upper
139	100		
109	2.0	45.5	85.5#
65	2.6	92.3	132.3#

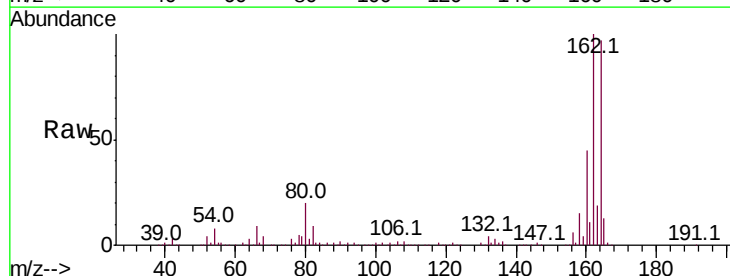


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

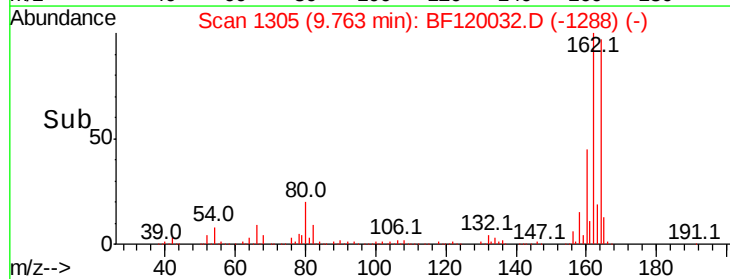
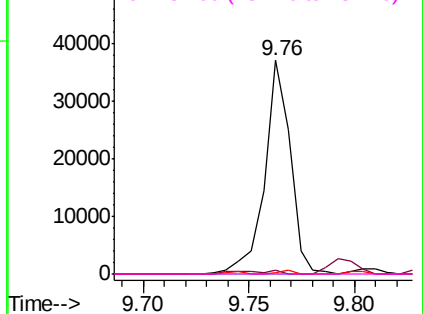


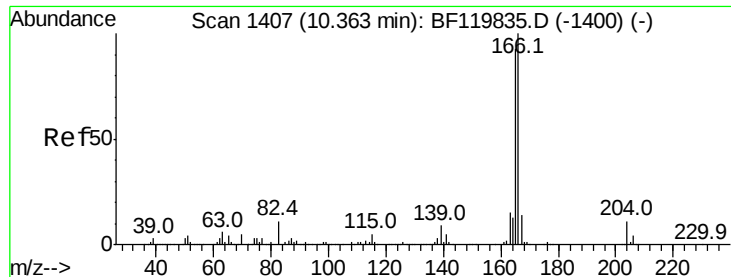
#57
2,4-Dinitrotoluene
Concen: 6.200 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.8	61.2#
89	0.9	56.9	85.3#
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: 2.287 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

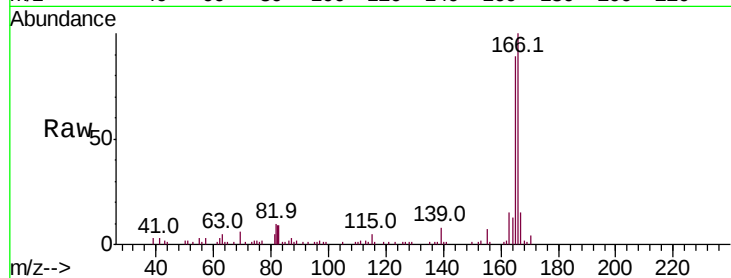
Tot Ion:166 Resp: 37385

Ion Ratio Lower Upper

166 100

165 88.6 74.2 111.2

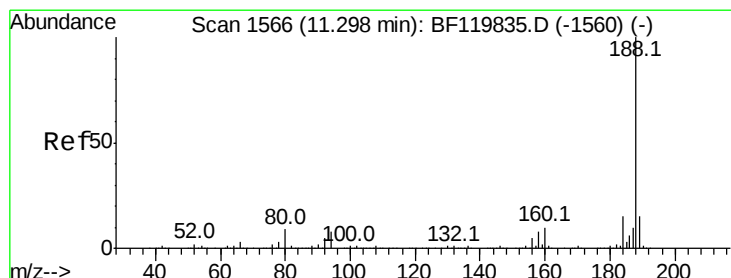
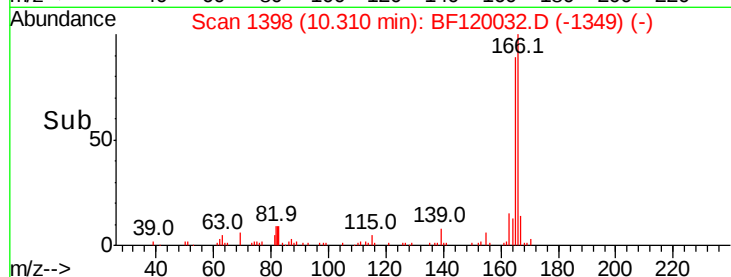
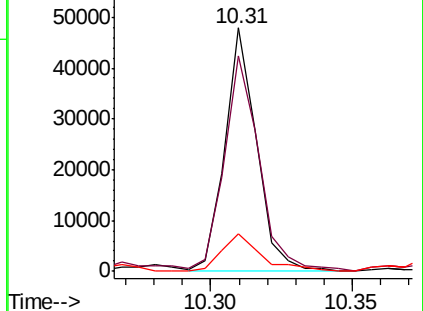
167 15.2 10.8 16.2



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: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

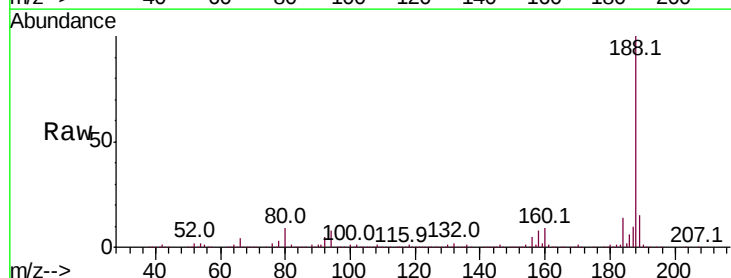
Tgt Ion:188 Resp: 366963

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

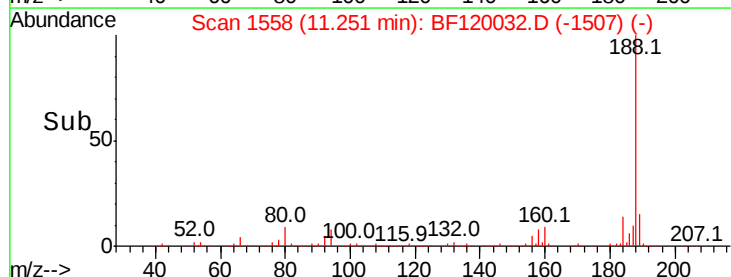
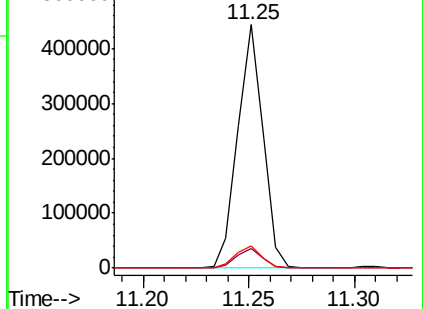
80 9.0 7.4 11.2

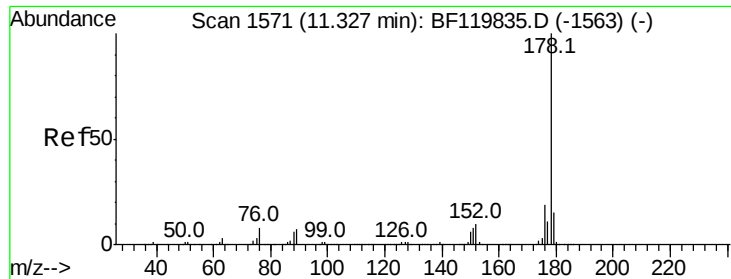


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

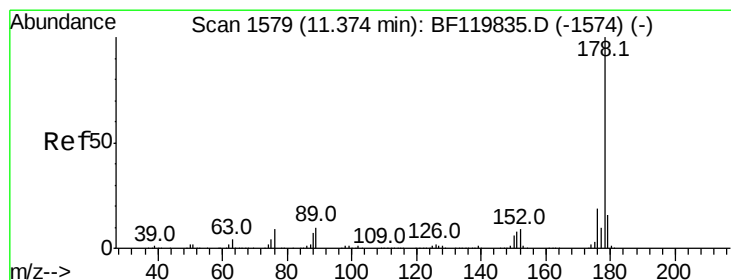
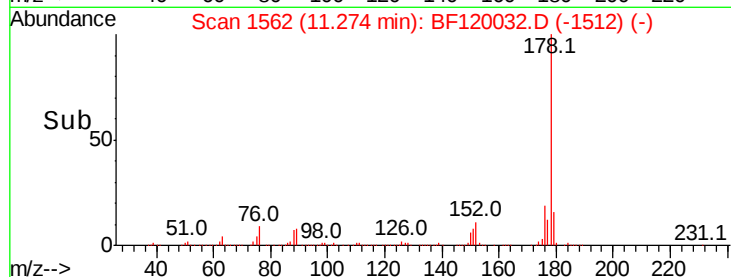
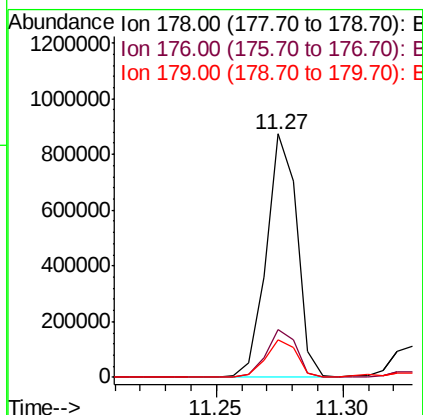
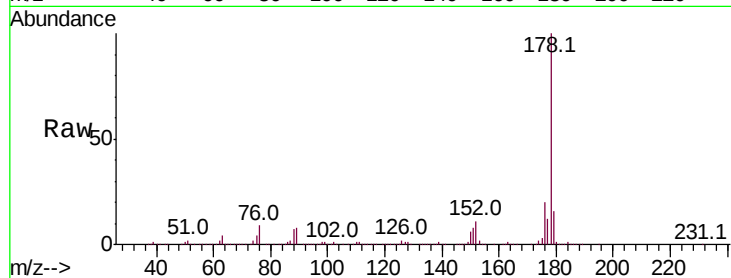




#71
Phenanthrene
Concen: 37.982 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

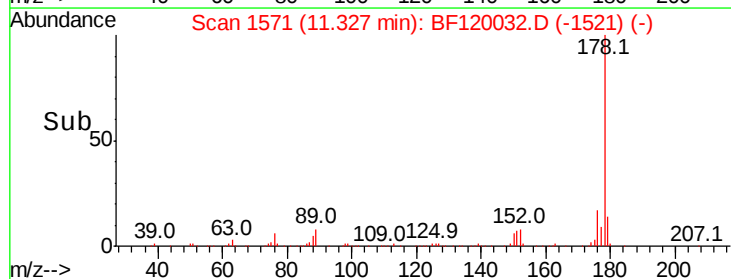
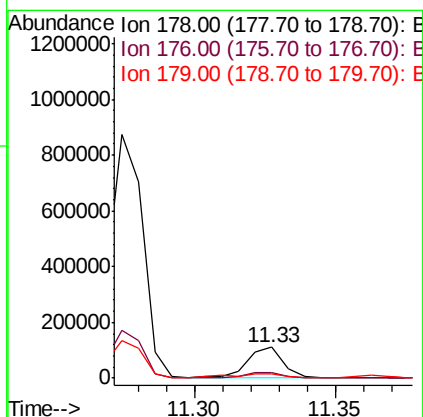
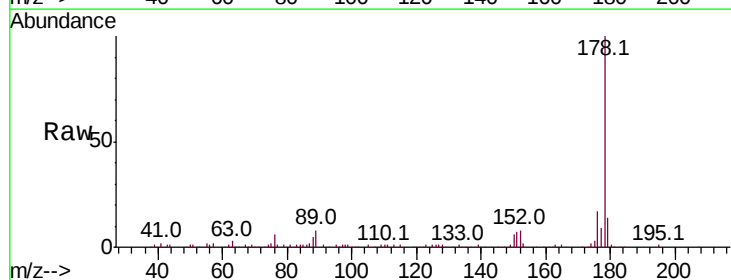
Instrument :
BNA_F
ClientSampled :
TP-32

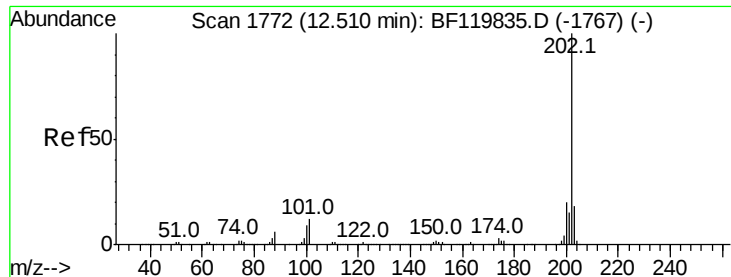
Tot Ion:178 Resp: 741787
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.5 12.2 18.4



#72
Anthracene
Concen: 4.715 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:178 Resp: 94065
Ion Ratio Lower Upper
178 100
176 16.7 15.4 23.2
179 14.4 12.8 19.2





#75

Fluoranthene

Concen: 37.559 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

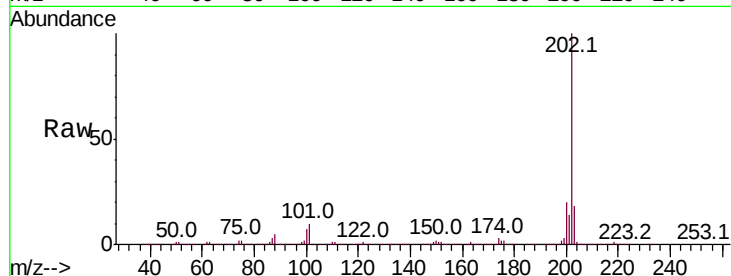
Tot Ion:202 Resp: 791462

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.3

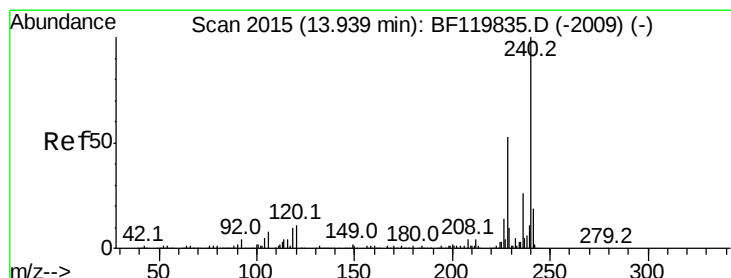
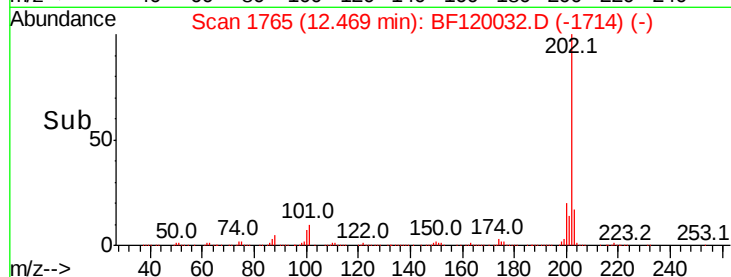
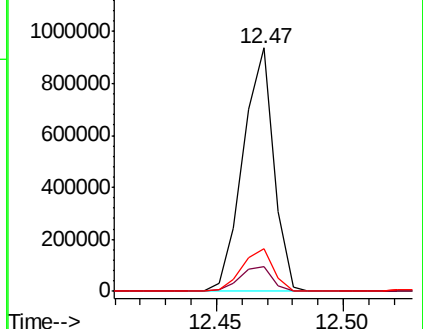
203 17.5 0.0 37.6



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

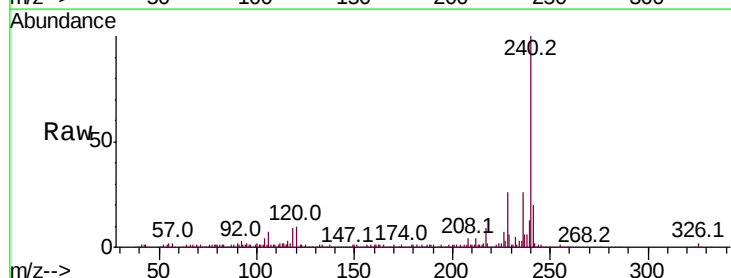
Tgt Ion:240 Resp: 232825

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

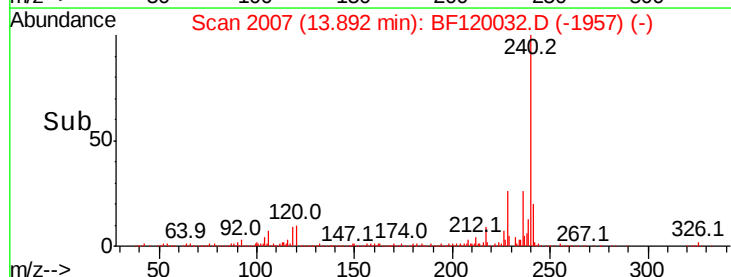
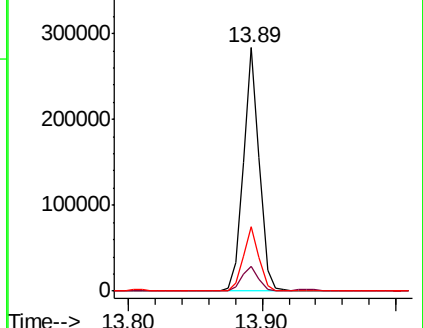
236 26.4 20.7 31.1

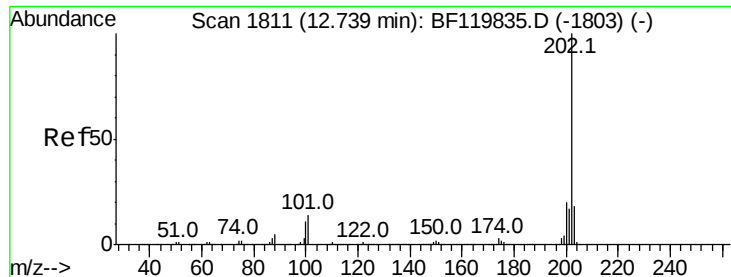


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 31.801 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampled :

TP-32

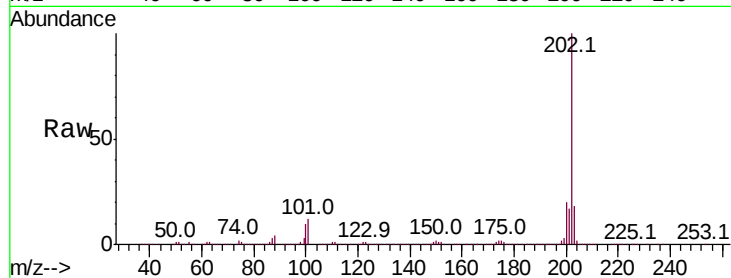
Tot Ion:202 Resp: 624174

Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

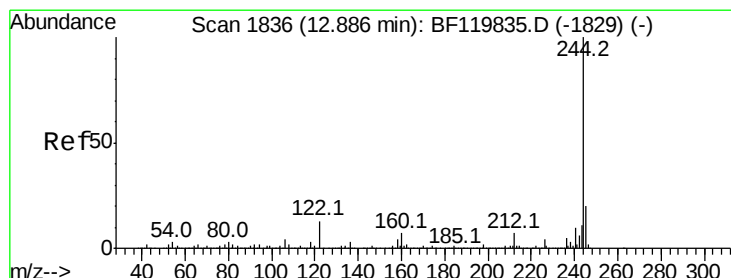
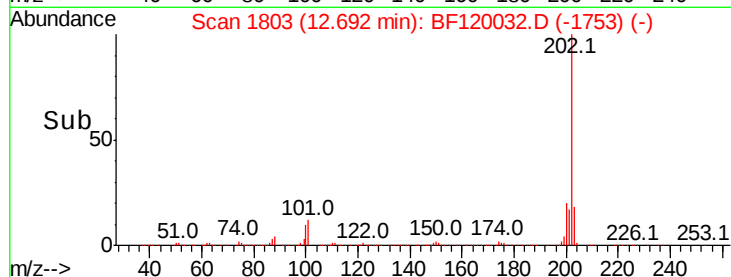
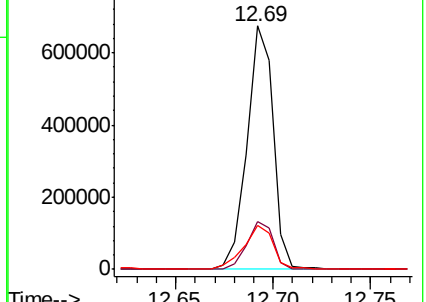
203 18.2 14.1 21.1



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: 12.998 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

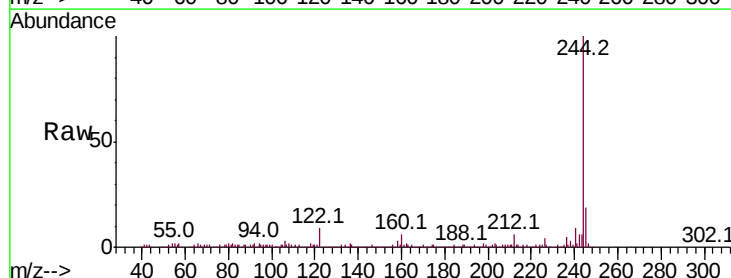
Tgt Ion:244 Resp: 179845

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

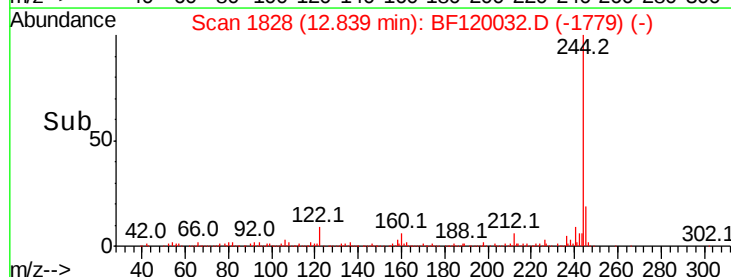
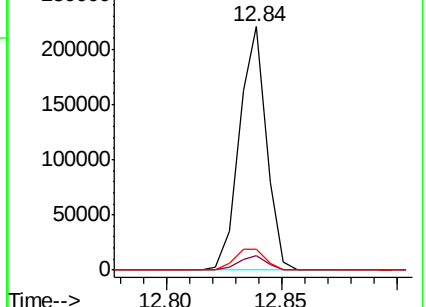
122 8.7 10.3 15.5#

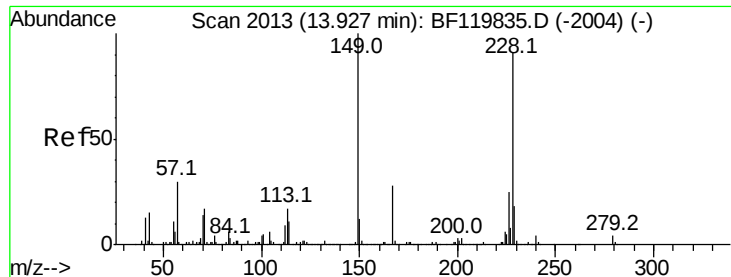


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

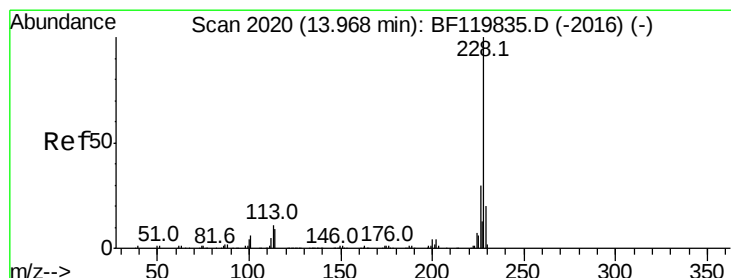
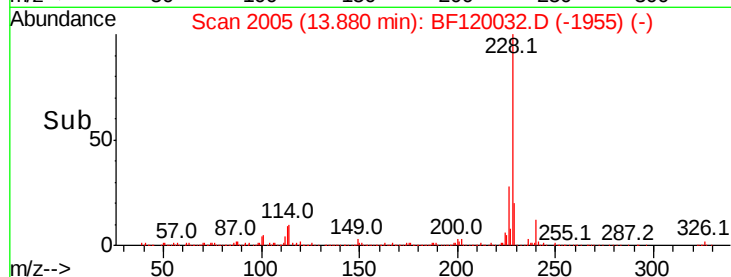
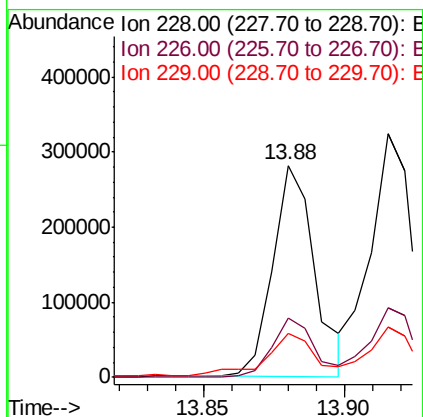
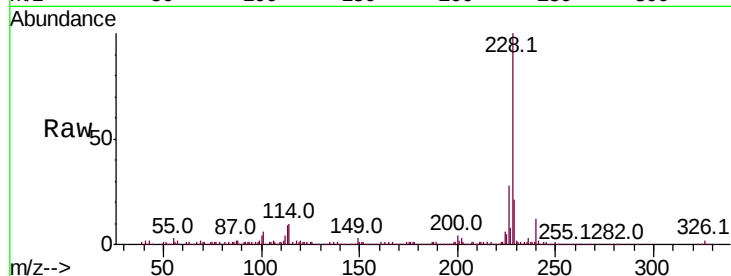




#81
Benzo(a)anthracene
Concen: 18.812 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

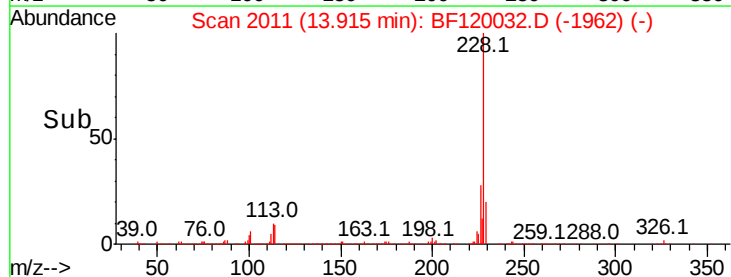
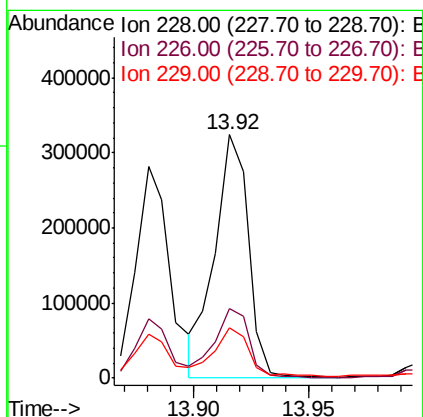
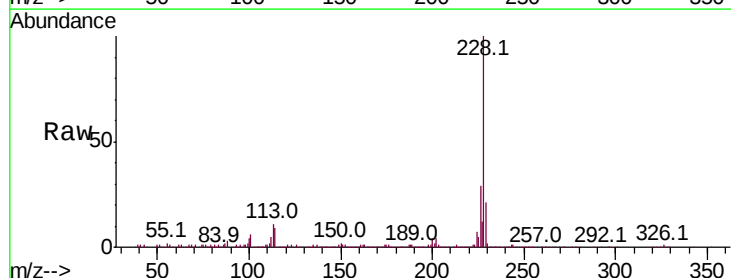
Instrument :
BNA_F
ClientSampleId :
TP-32

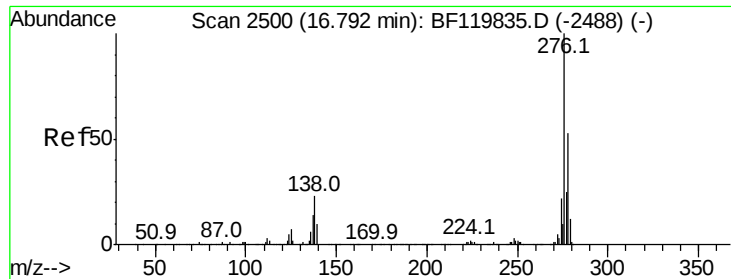
Tot Ion:228 Resp: 288142
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 21.0 15.9 23.9



#83
Chrysene
Concen: 20.902 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:228 Resp: 325297
Ion Ratio Lower Upper
228 100
226 28.8 24.2 36.2
229 20.5 15.9 23.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 6.919 ng

RT: 16.70 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

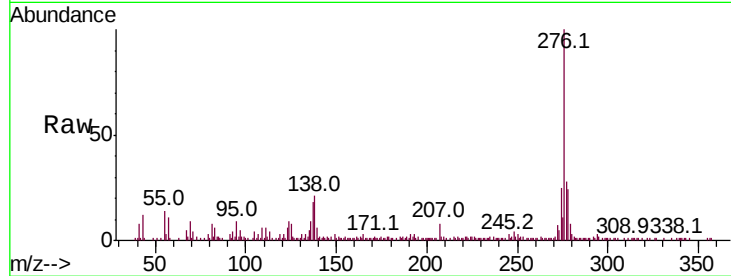
Tot Ion:276 Resp: 94915

Ion Ratio Lower Upper

276 100

138 21.8 18.0 27.0

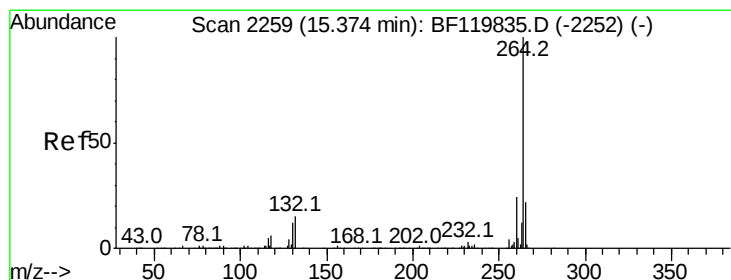
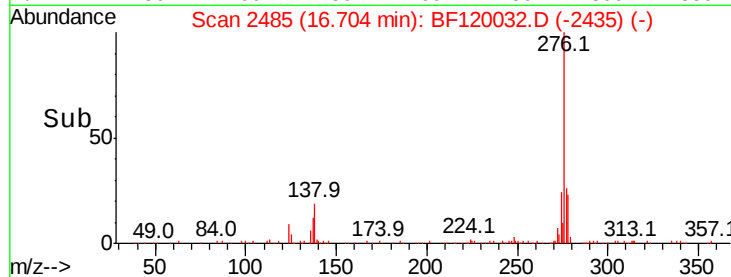
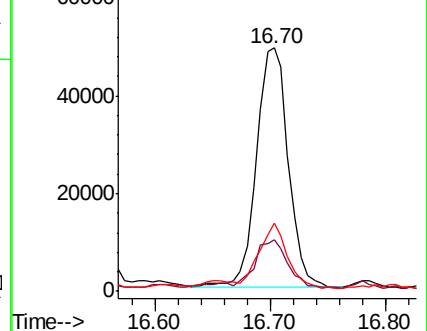
277 24.8 20.1 30.1



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: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

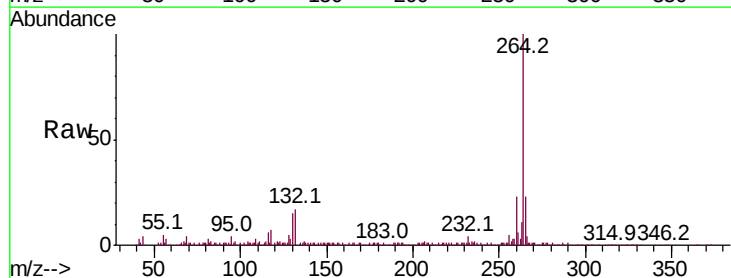
Tgt Ion:264 Resp: 232393

Ion Ratio Lower Upper

264 100

260 22.7 19.3 28.9

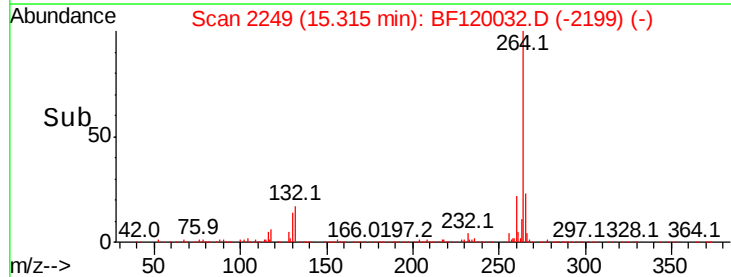
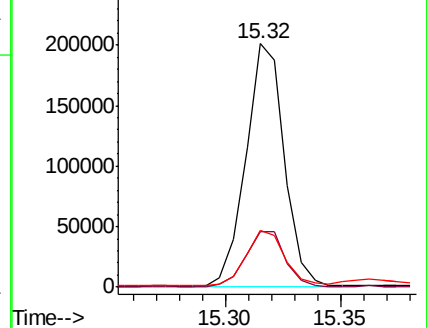
265 23.2 17.6 26.4

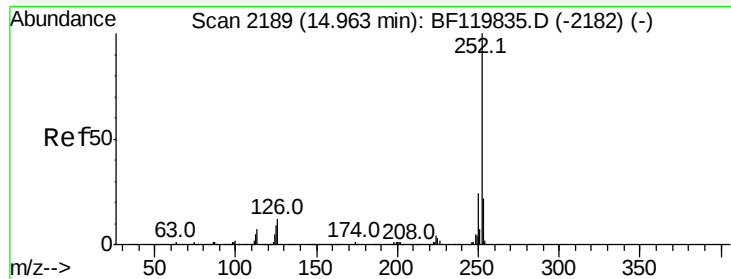


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

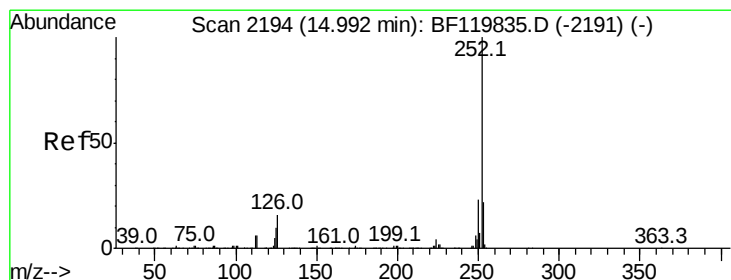
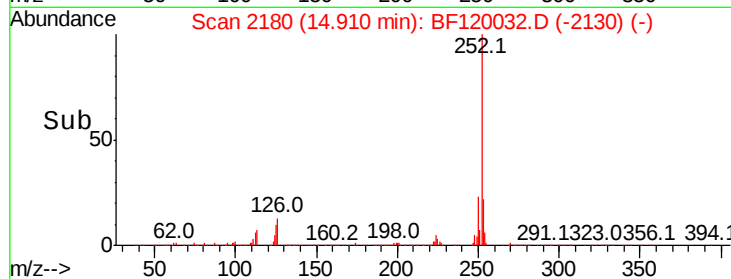
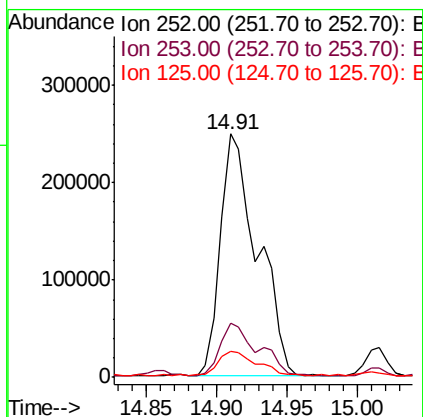
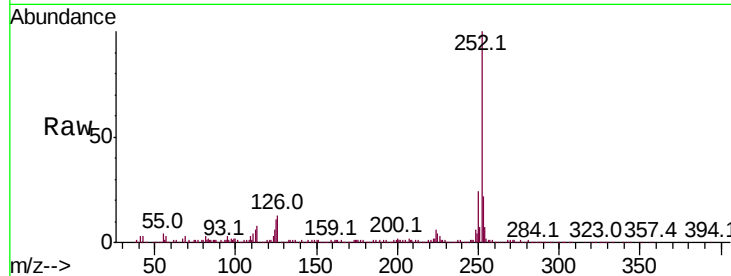




#88
Benzo(b)fluoranthene
Concen: 27.348 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

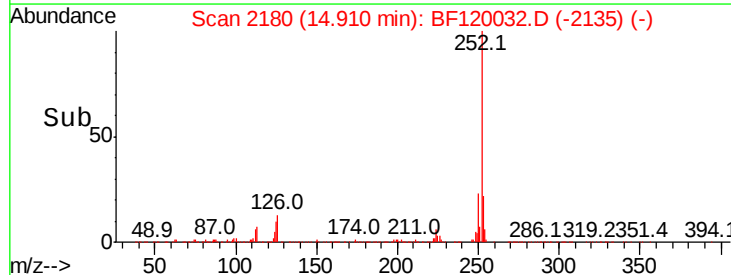
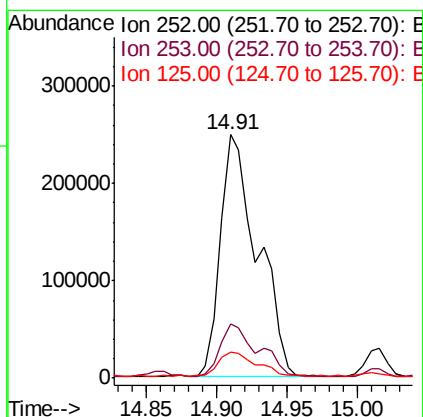
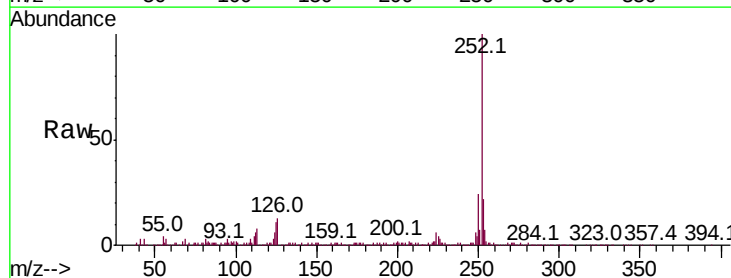
Instrument :
BNA_F
ClientSampleId :
TP-32

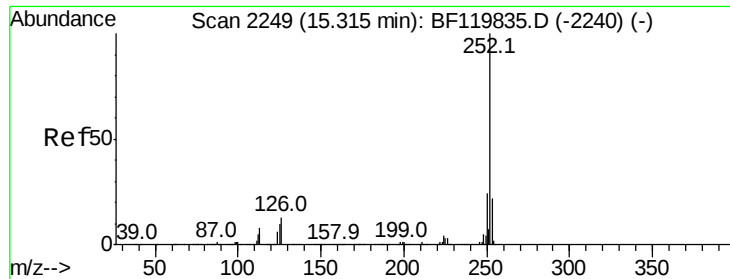
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.7	7.4	11.2



#89
Benzo(k)fluoranthene
Concen: 31.697 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.7	7.7	11.5





#90

Benzo(a)pyrene

Concen: 11.613 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

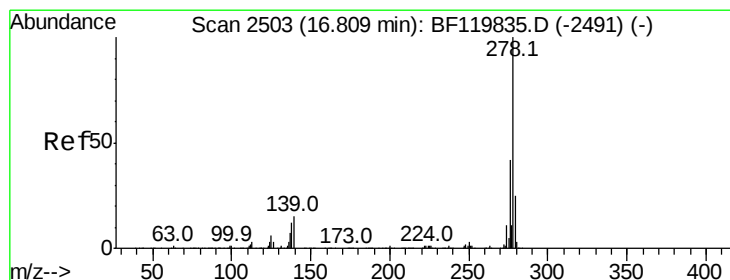
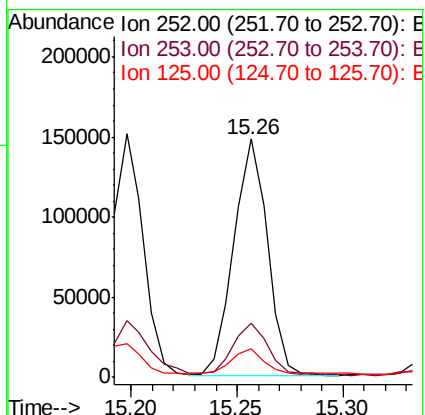
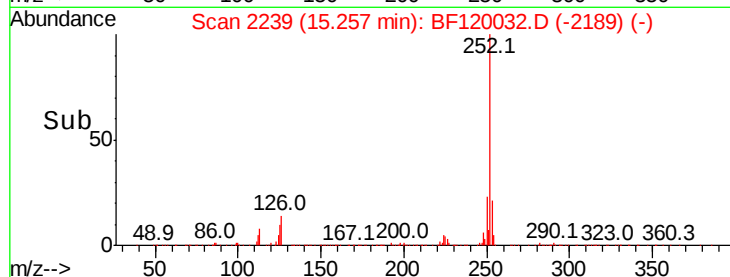
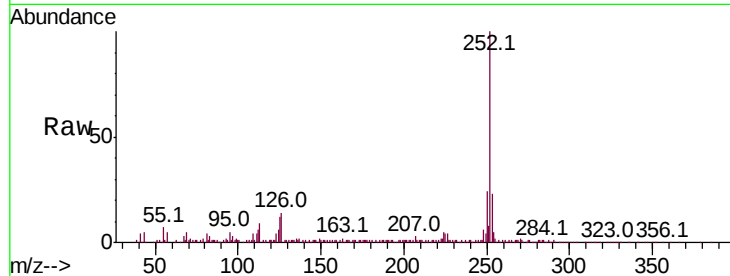
Tot Ion:252 Resp: 163234

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 11.8 8.3 12.5



#91

Dibenzo(a,h)anthracene

Concen: 2.253 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

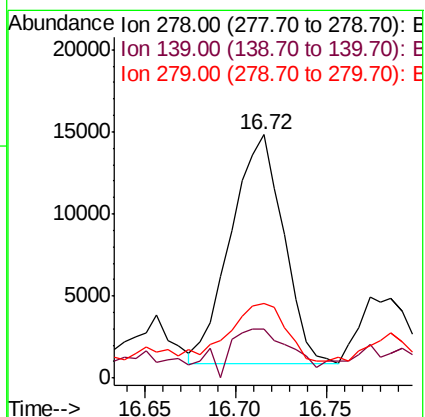
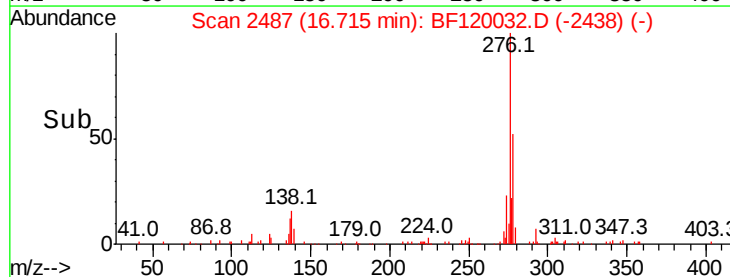
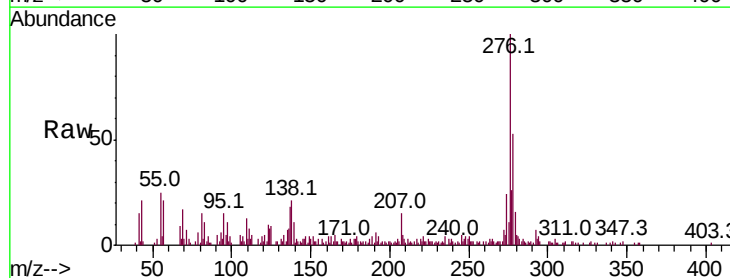
Tgt Ion:278 Resp: 28051

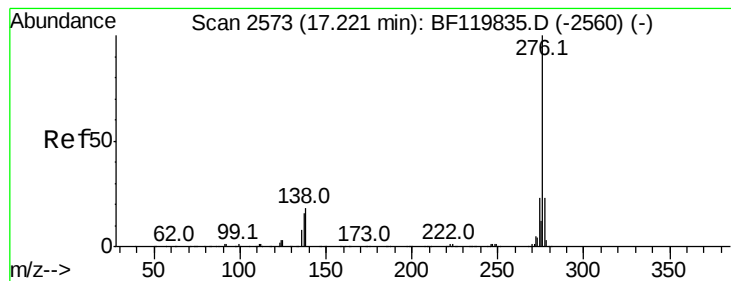
Ion Ratio Lower Upper

278 100

139 20.0 11.6 17.4#

279 30.5 19.7 29.5#





#92

Benzo(a,h,i)perylene

Concen: 7.663 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF120032.D

Acq: 16 Apr 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TP-32

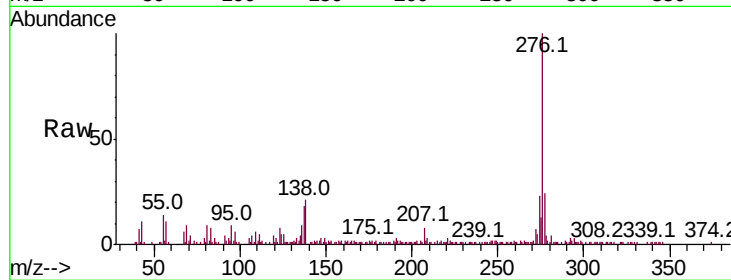
Tot Ion:276 Resp: 94180

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 21.1 14.6 22.0



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

