

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121418.D
 Acq On : 25 Aug 2020 1:06
 Operator : JU/CG
 Sample : L3772-02 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 349-346

Quant Time: Aug 25 03:26:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	149855	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	568852	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	274166	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	458728	20.00	ng	0.00
76) Chrysene-d12	13.86	240	287660	20.00	ng	0.02
86) Perylene-d12	15.29	264	395826	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	362728	39.69	ng	0.01
7) Phenol-d6	6.35	99	456877	39.16	ng	0.00
23) Nitrobenzene-d5	7.26	82	286988	28.53	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	95551	29.91	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	553963	30.50	ng	0.00
79) Terphenyl-d14	12.80	244	440346	29.91	ng	0.00

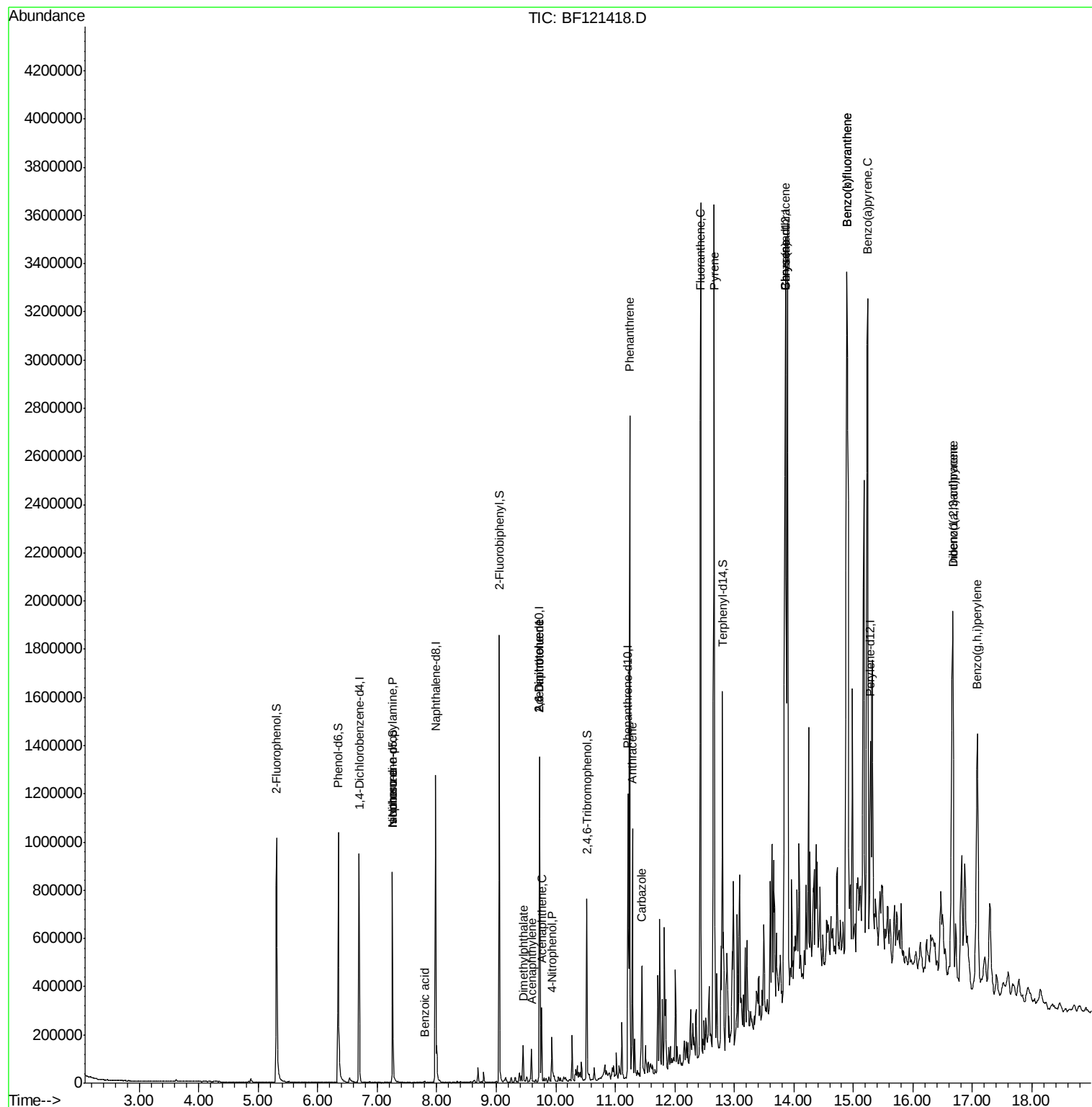
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.26	70	36829	5.870	ng	# 81
20) 3+4-Methylphenols	7.15	107	884	Below	Cal	# 42
25) Isophorone	7.26	82	286985	15.679	ng	# 65
32) Benzoic acid	7.79	122	1463	7.278	ng	# 60
49) Acenaphthylene	9.59	152	56161	2.233	ng	98
50) Dimethylphthalate	9.45	163	59393	2.978	ng	99
51) 2,6-Dinitrotoluene	9.73	165	36091	8.472	ng	# 29
52) Acenaphthene	9.76	154	61878	4.050	ng	96
55) Dibenzofuran	9.93	168	65810	Below	Cal	97
56) 4-Nitrophenol	9.93	139	23328	7.098	ng	# 10
57) 2,4-Dinitrotoluene	9.73	165	36091	6.945	ng	# 25
58) Fluorene	10.27	166	49751	Below	Cal	98
71) Phenanthrene	11.24	178	1080665	45.518	ng	99
72) Anthracene	11.29	178	402658	17.612	ng	99
73) Carbazole	11.45	167	190618	8.736	ng	97
75) Fluoranthene	12.44	202	1867023	72.452	ng	99
78) Pyrene	12.66	202	1861342	86.141	ng	98
81) Benzo(a)anthracene	13.85	228	1580400	88.454	ng	94
83) Chrysene	13.85	228	1580400	86.487	ng	98
87) Indeno(1,2,3-cd)pyrene	16.67	276	1139256	47.150	ng	96
88) Benzo(b)fluoranthene	14.89	252	2845940	111.291	ng	98
89) Benzo(k)fluoranthene	14.89	252	2845940	126.430	ng	98
90) Benzo(a)pyrene	15.24	252	1658403	75.057	ng	97
91) Dibenzo(a,h)anthracene	16.67	278	351889	17.762	ng	93
92) Benzo(g,h,i)perylene	17.09	276	951599	49.134	ng	99

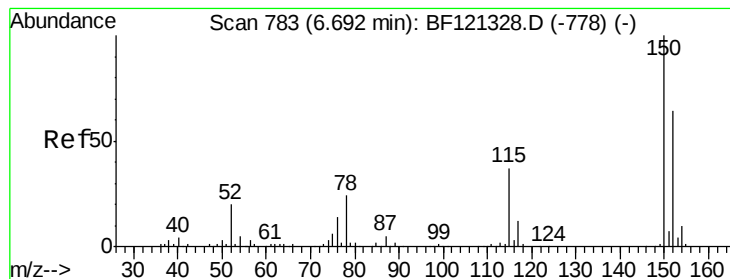
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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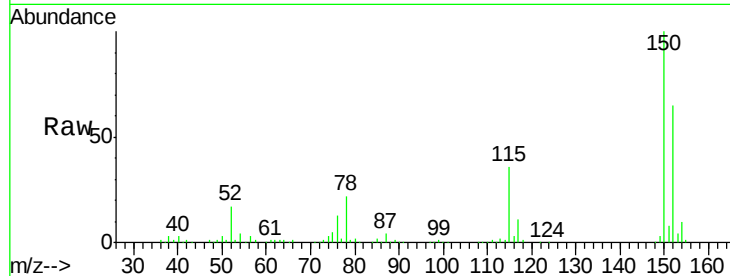


#1

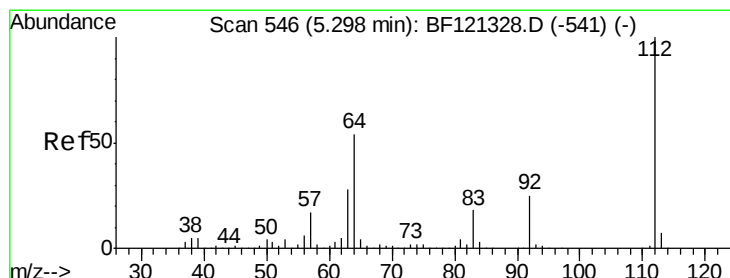
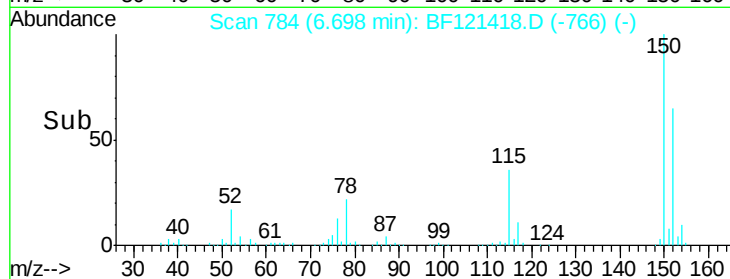
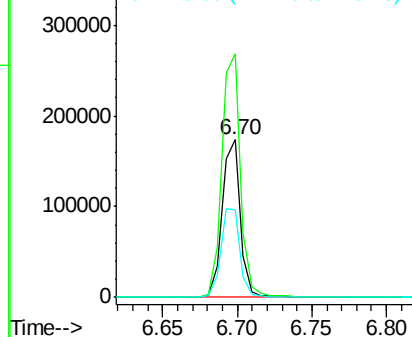
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

Instrument :
BNA_F
ClientSampleId :
349-346

Tot Ion:152 Resp: 149855
Ion Ratio Lower Upper
152 100
150 154.8 124.8 187.2
115 55.8 46.1 69.1



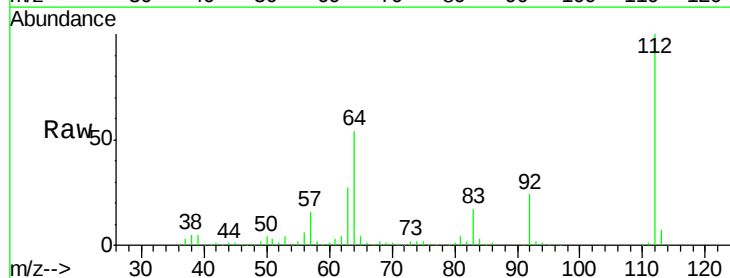
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



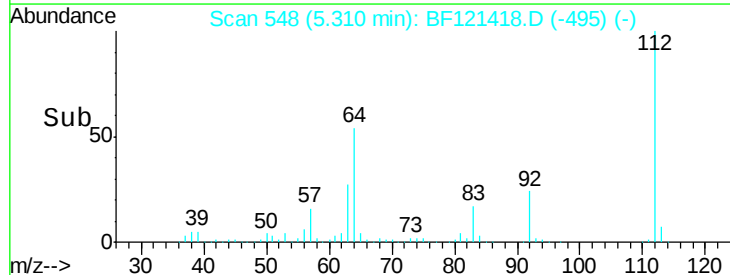
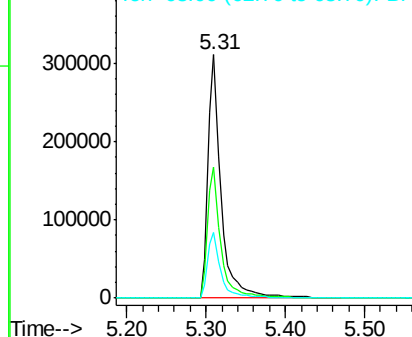
#5

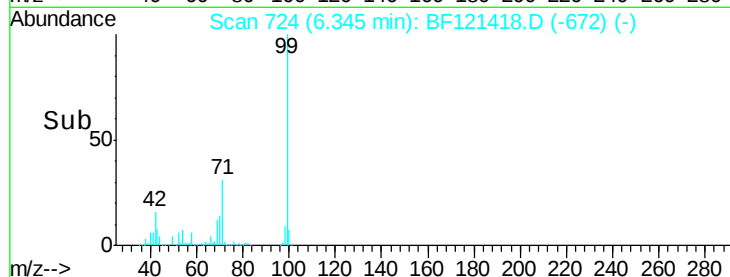
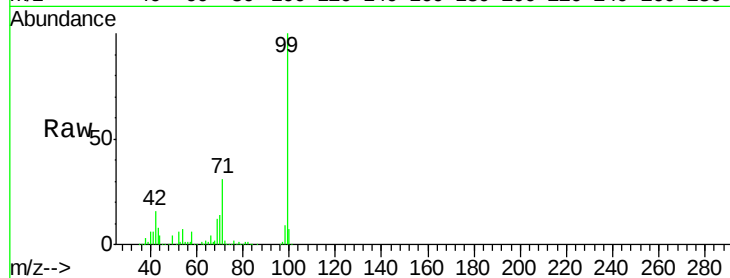
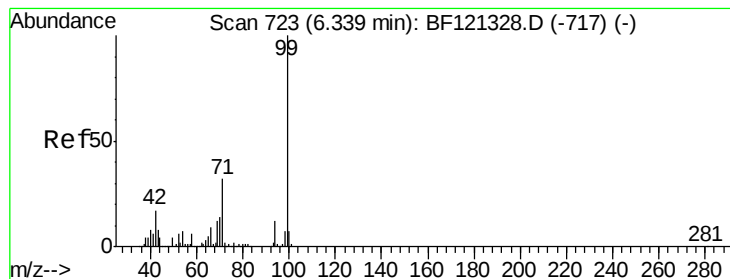
2-Fluorophenol
Concen: 39.690 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

Tgt Ion:112 Resp: 362728
Ion Ratio Lower Upper
112 100
64 54.0 43.5 65.3
63 27.1 22.0 33.0



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: 39.161 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampled :

349-346

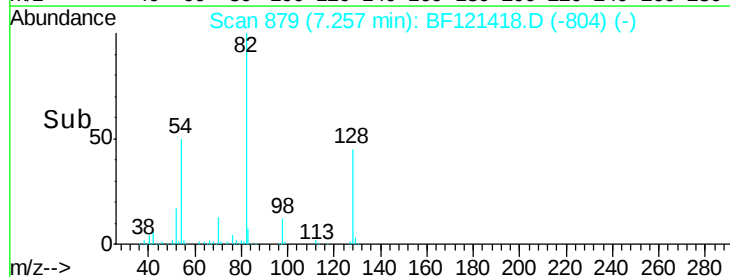
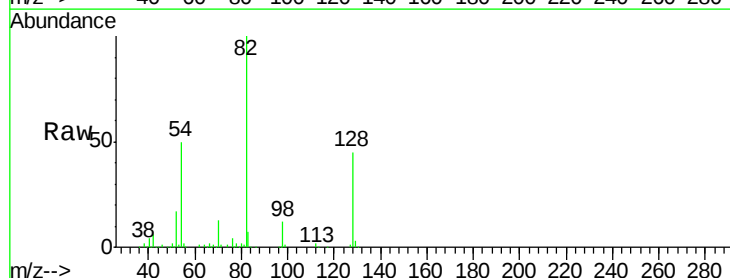
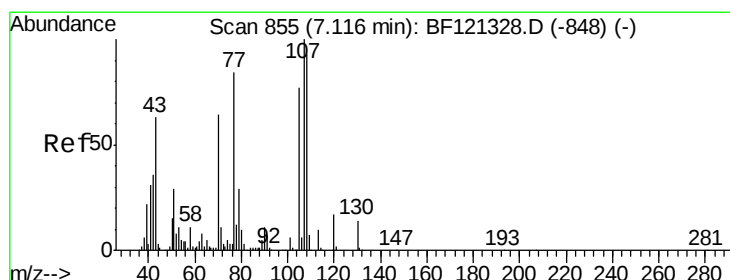
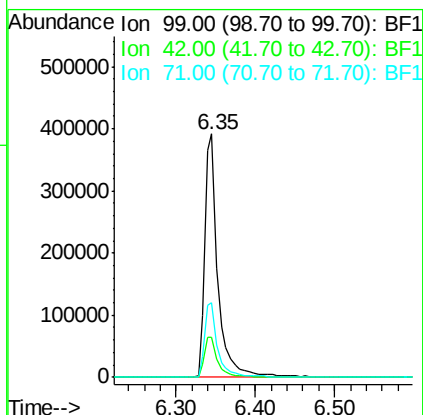
Tot Ion: 99 Resp: 456877

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 30.7 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 5.870 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Tgt Ion: 70 Resp: 36829

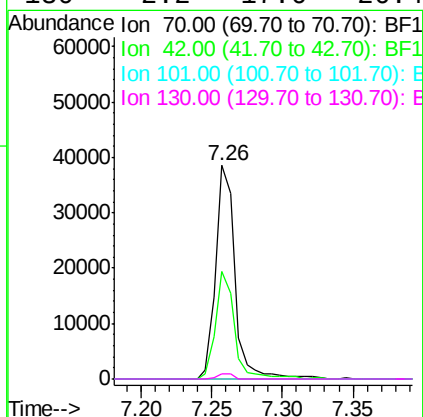
Ion Ratio Lower Upper

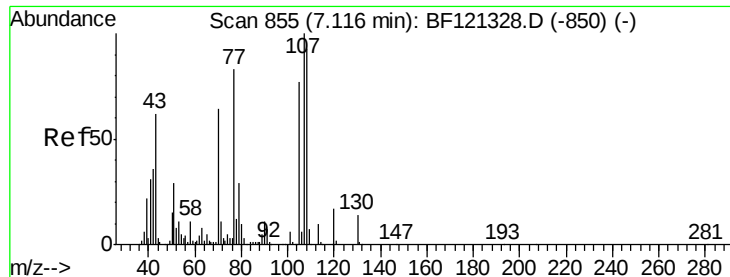
70 100

42 50.3 45.2 67.8

101 0.0 7.7 11.5#

130 2.2 17.6 26.4#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. 0.03 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampled :

349-346

Tot Ion:107 Resp: 884

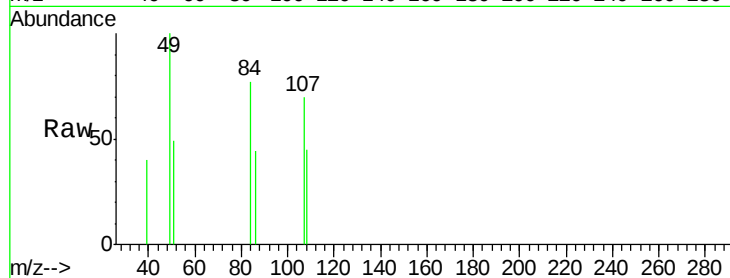
Ion Ratio Lower Upper

107 100

108 65.1 72.6 112.6#

77 0.0 63.8 103.8#

79 0.0 9.1 49.1#



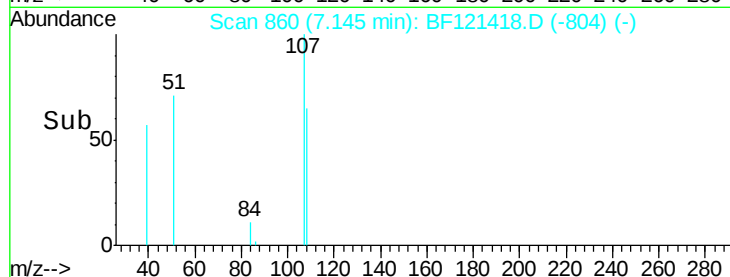
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



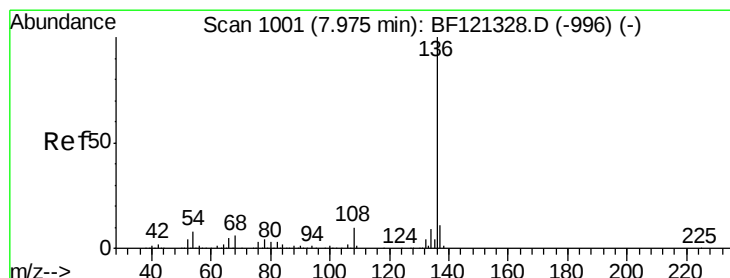
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Tgt Ion:136 Resp: 568852

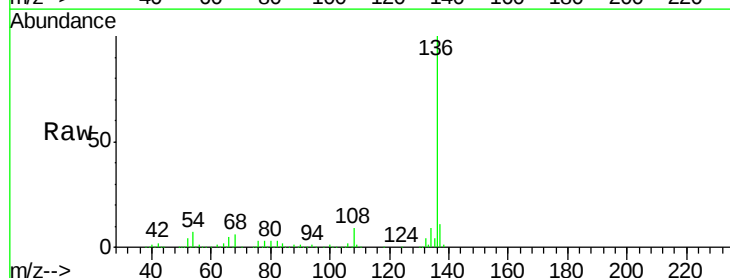
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.1 9.1

68 5.8 5.0 7.4



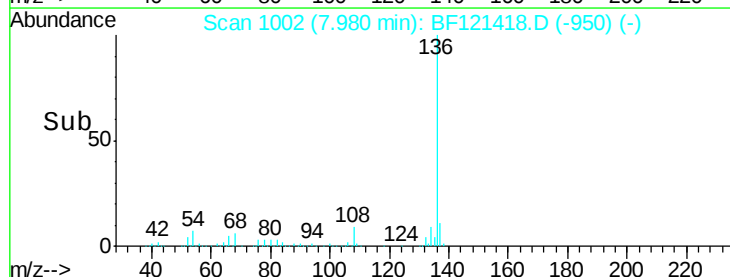
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



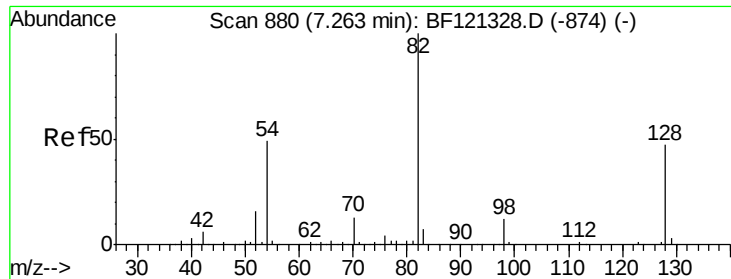
Abundance Ion 136.00 (135.70 to 136.70): E

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

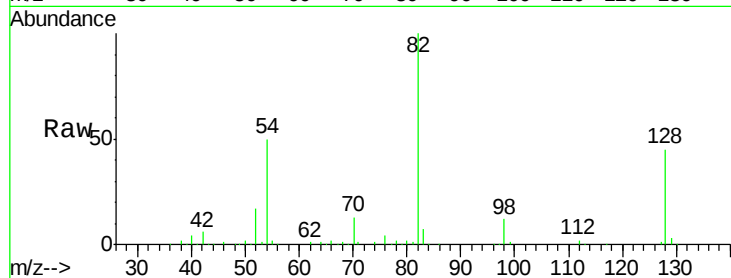
Time-->



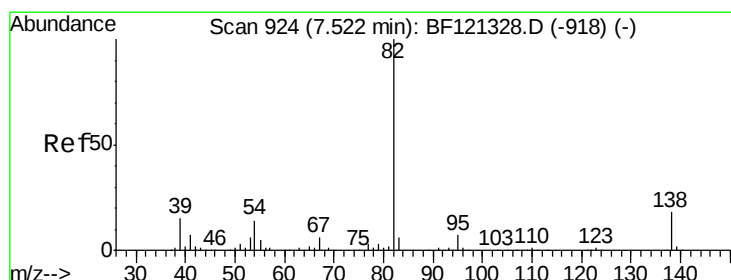
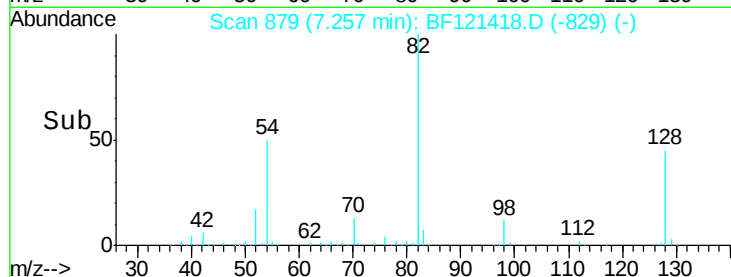
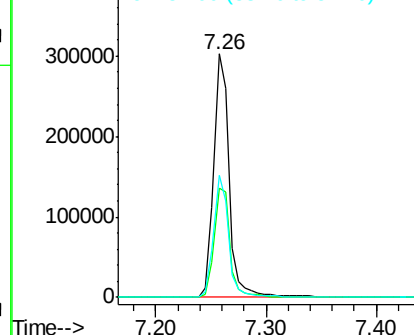
#23
 Nitrobenzene-d5
 Concen: 28.533 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121418.D
 Acq: 25 Aug 2020 1:06

Instrument :
 BNA_F
 ClientSampleId :
 349-346

Tot Ion	82	Resp	286988
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.9	56.9
54	50.2	39.0	58.4

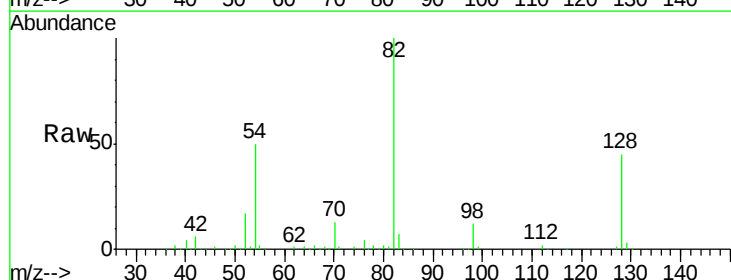


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

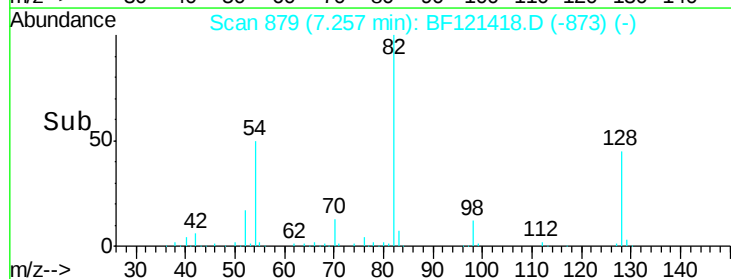
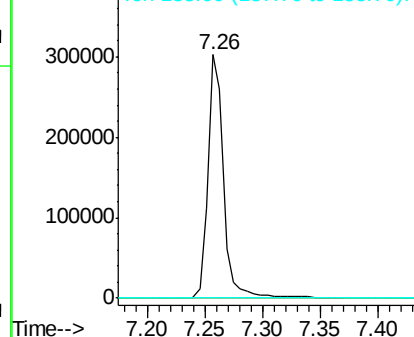


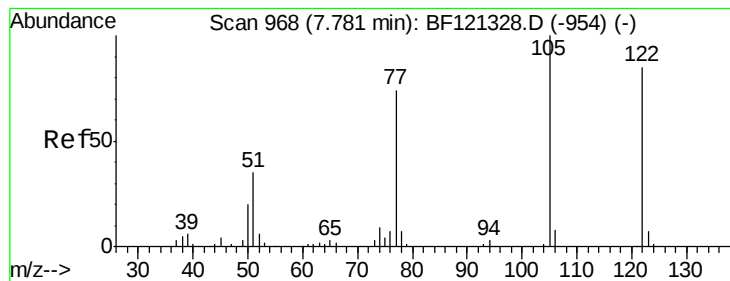
#25
 Isophorone
 Concen: 15.679 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF121418.D
 Acq: 25 Aug 2020 1:06

Tgt Ion	82	Resp	286985
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	14.6	21.8#



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





#32

Benzoic acid

Concen: 7.278 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampleId :

349-346

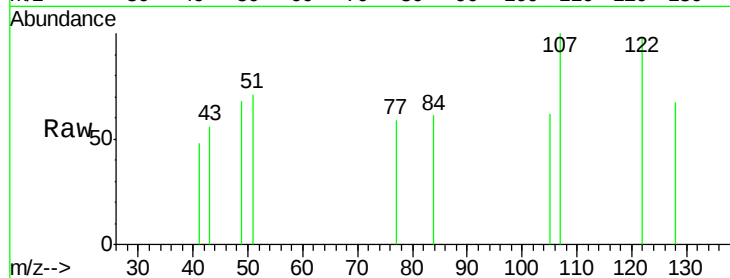
Tot Ion:122 Resp: 1463

Ion Ratio Lower Upper

122 100

105 63.2 96.7 136.7#

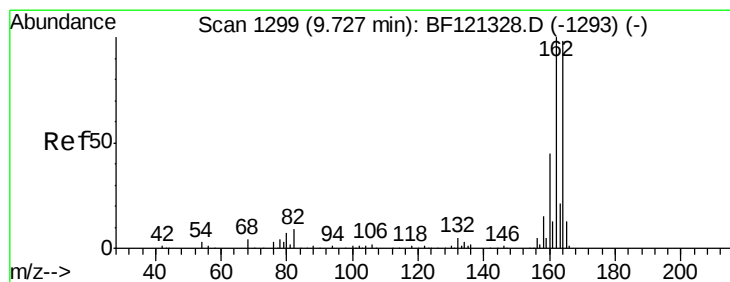
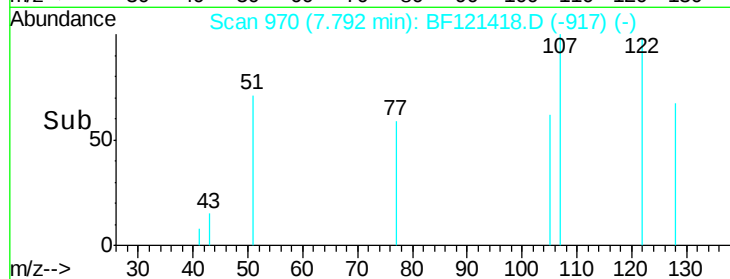
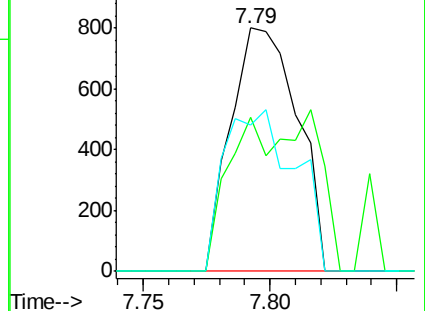
77 59.9 66.7 106.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

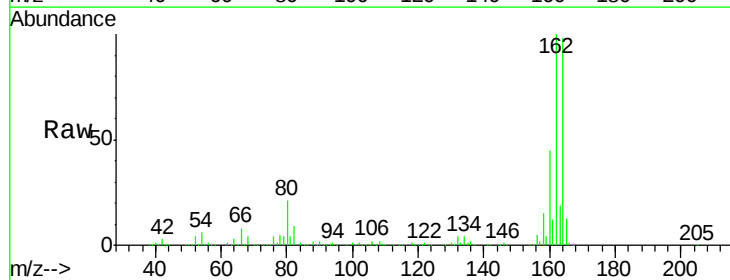
Tgt Ion:164 Resp: 274166

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

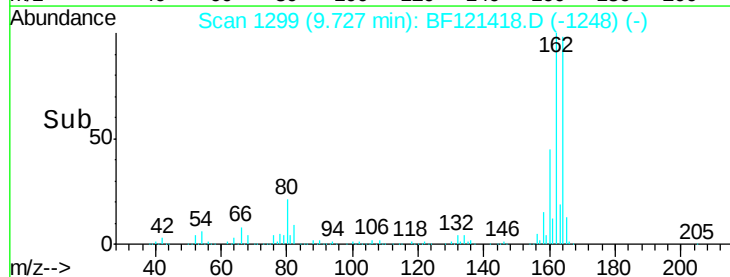
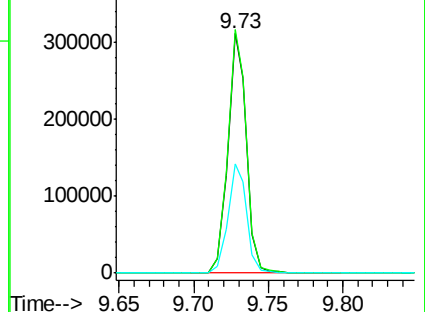
160 45.3 37.0 55.4

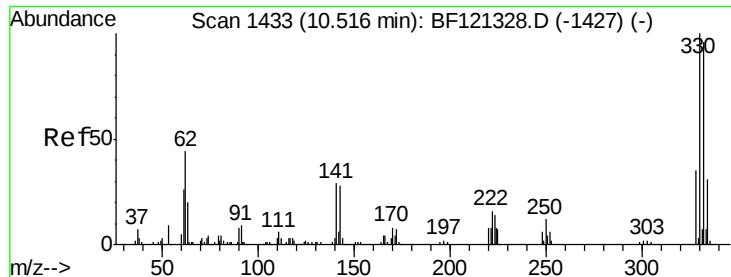


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

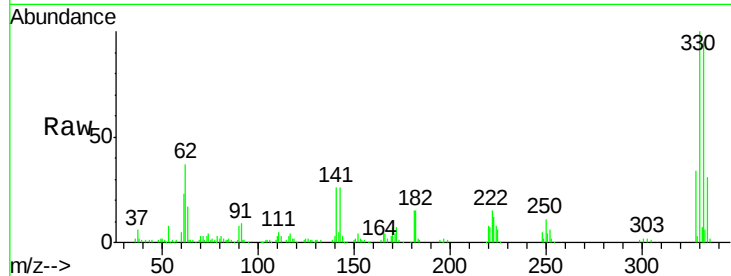




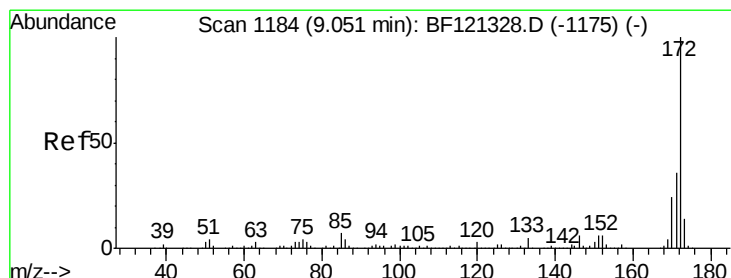
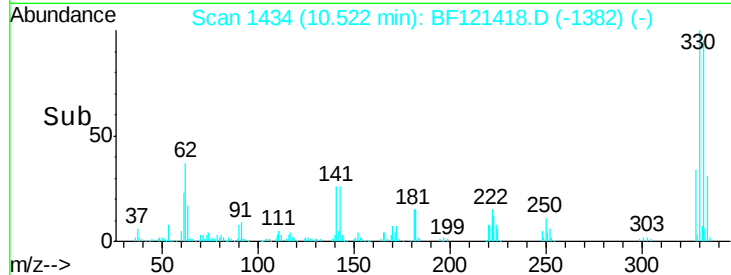
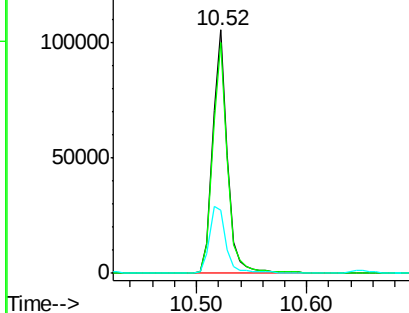
#42
 2,4,6-Tribromophenol
 Concen: 29.907 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121418.D
 Acq: 25 Aug 2020 1:06

Instrument :
 BNA_F
 ClientSampled :
 349-346

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	31.6	22.8	34.2

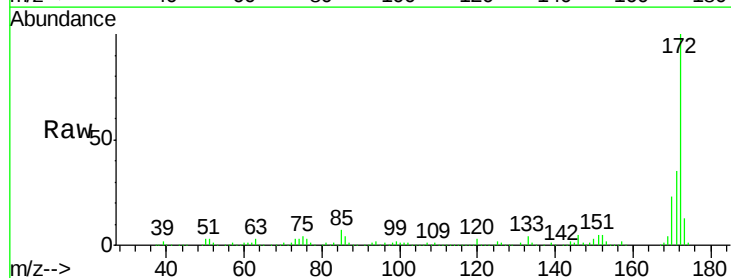


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

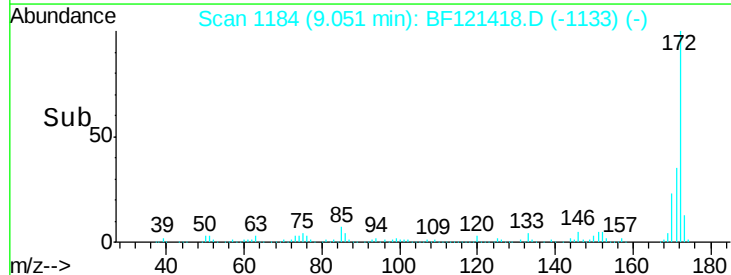
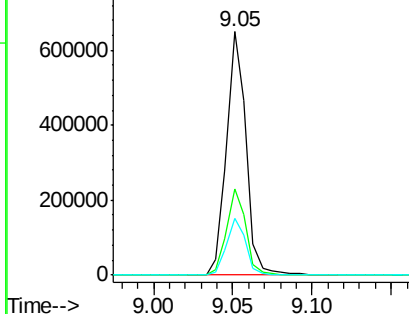


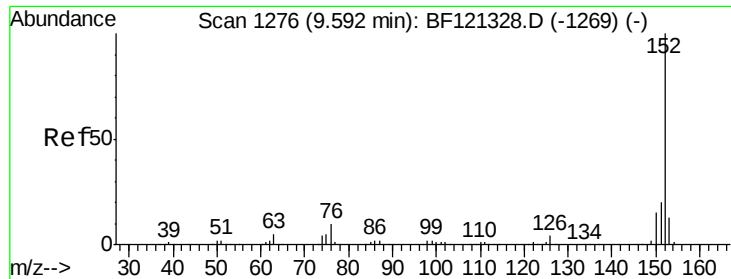
#45
 2-Fluorobiphenyl
 Concen: 30.499 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121418.D
 Acq: 25 Aug 2020 1:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.3	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





#49

Acenaphthylene

Concen: 2.233 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampleId :

349-346

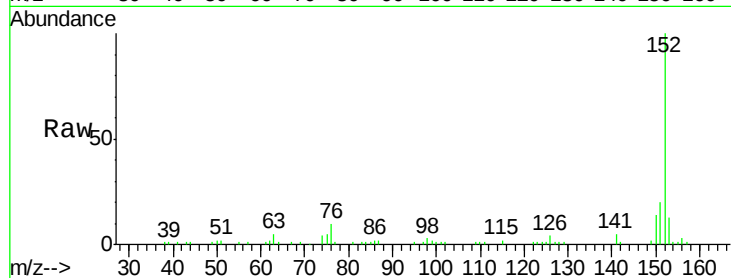
Tot Ion:152 Resp: 56161

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

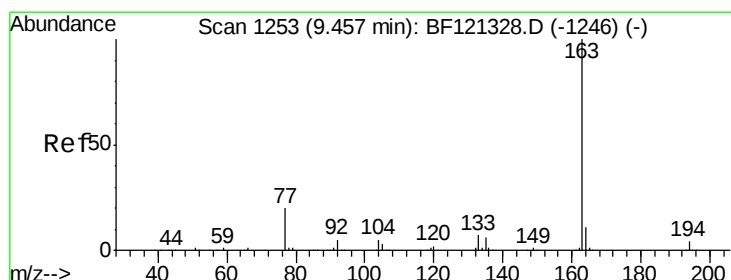
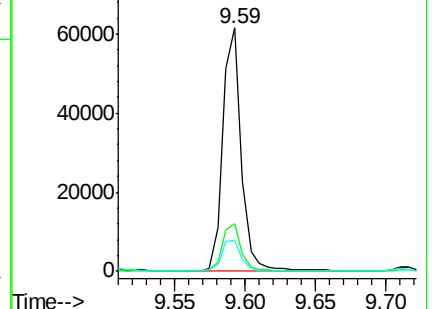
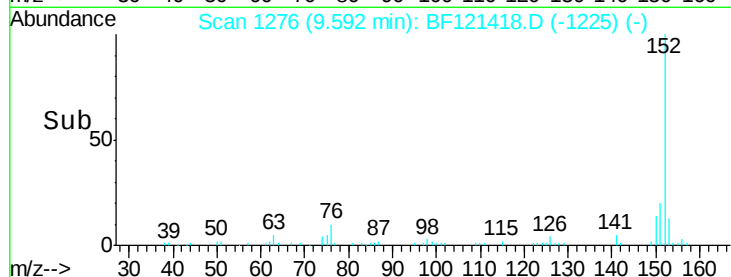
153 12.6 10.6 16.0



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: 2.978 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

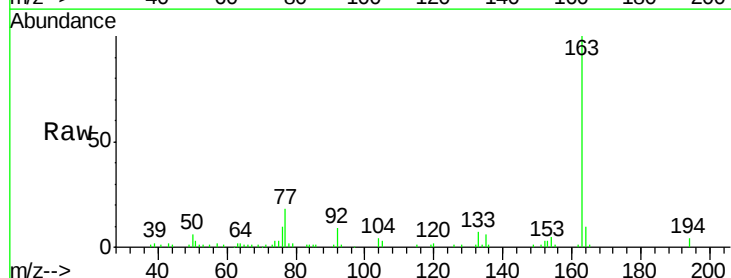
Tgt Ion:163 Resp: 59393

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

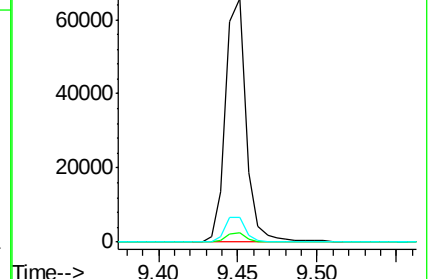
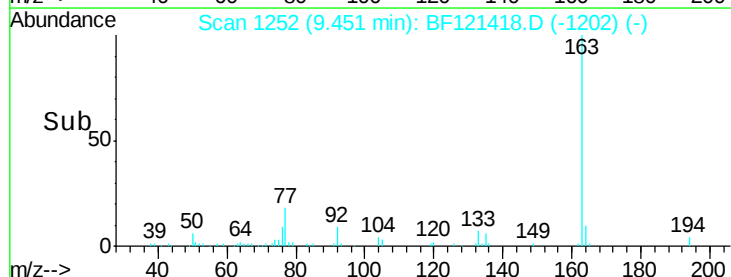
164 10.1 8.4 12.6

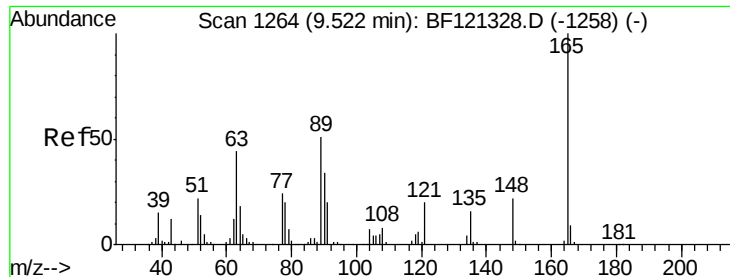


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

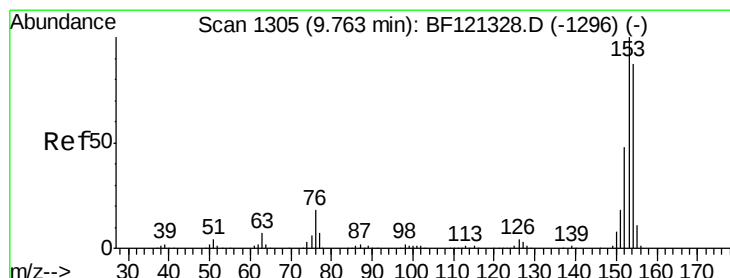
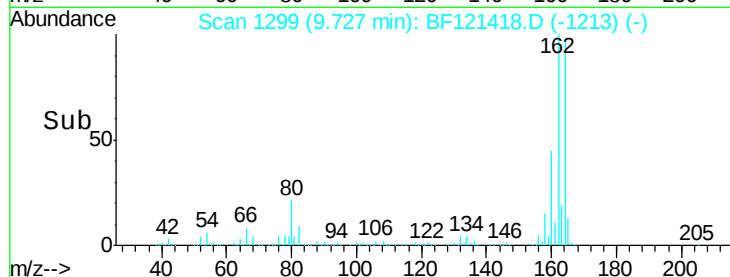
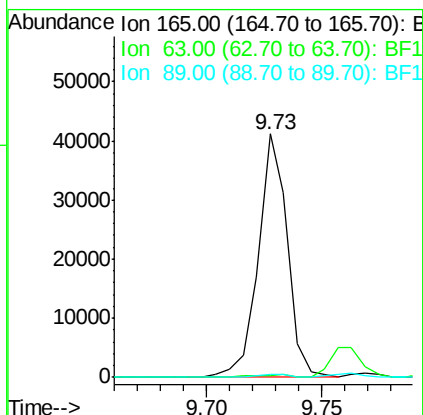
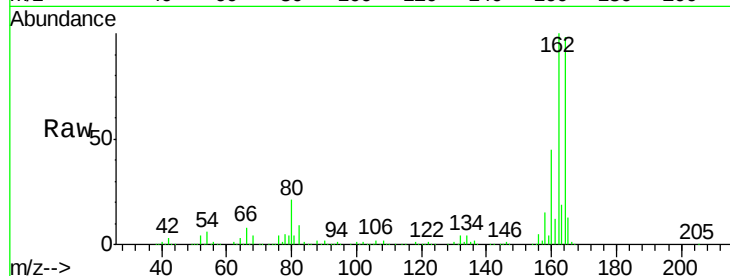




#51
 2,6-Dinitrotoluene
 Concen: 8.472 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF121418.D
 Acq: 25 Aug 2020 1:06

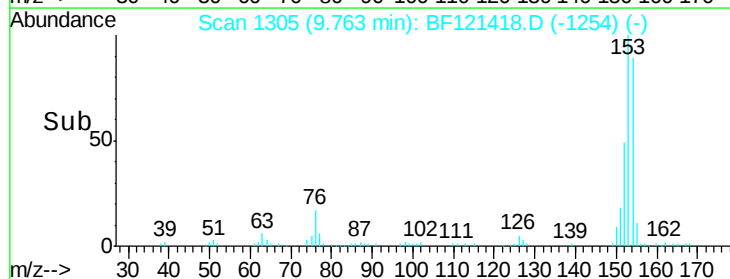
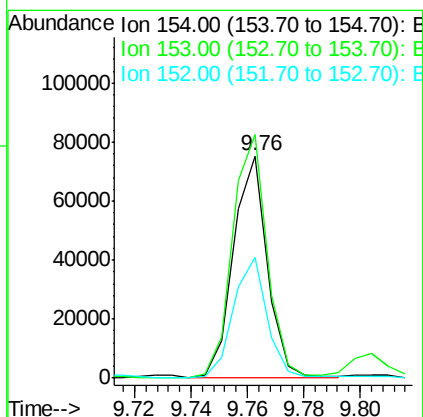
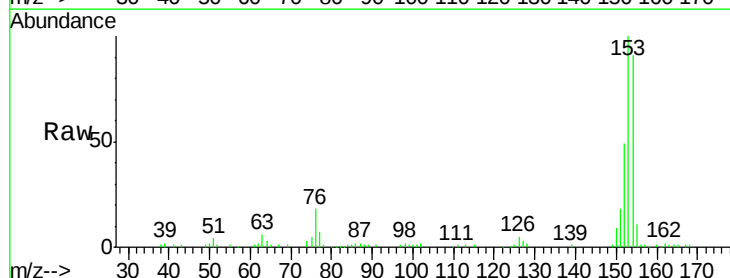
Instrument :
 BNA_F
 ClientSampleId :
 349-346

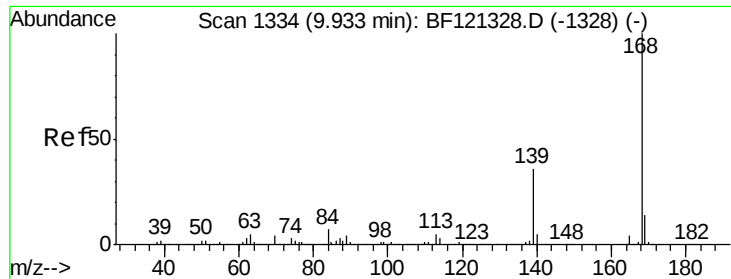
Tot Ion:165 Resp: 36091
 Ion Ratio Lower Upper
 165 100
 63 0.9 38.5 57.7#
 89 1.3 41.2 61.8#



#52
 Acenaphthene
 Concen: 4.050 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF121418.D
 Acq: 25 Aug 2020 1:06

Tgt Ion:154 Resp: 61878
 Ion Ratio Lower Upper
 154 100
 153 109.7 92.0 138.0
 152 54.1 44.6 66.8

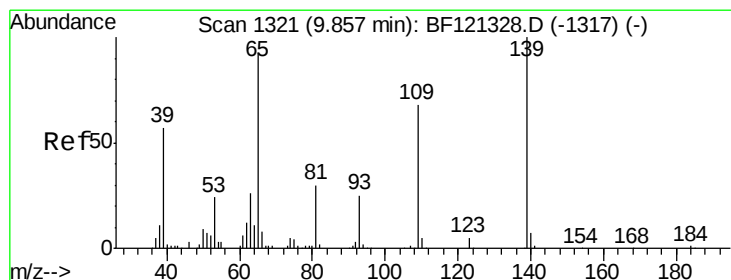
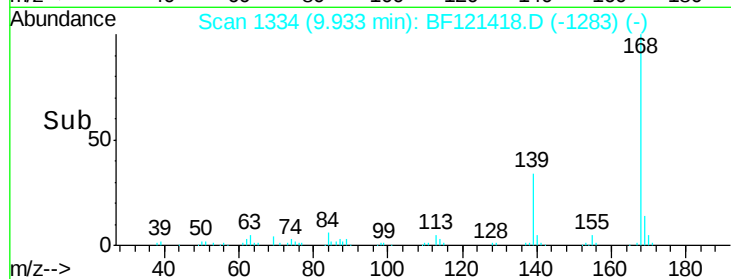
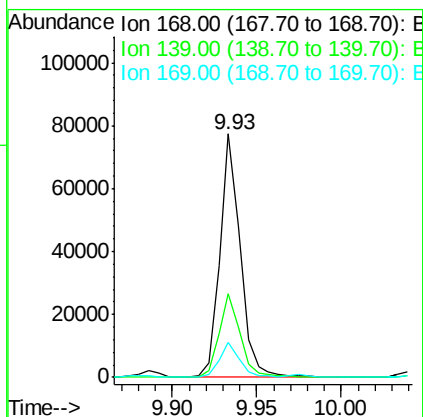
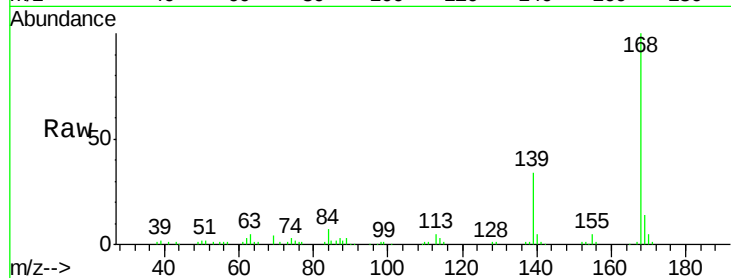




#55
Dibenzenofuran
Concen: Below Cal
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

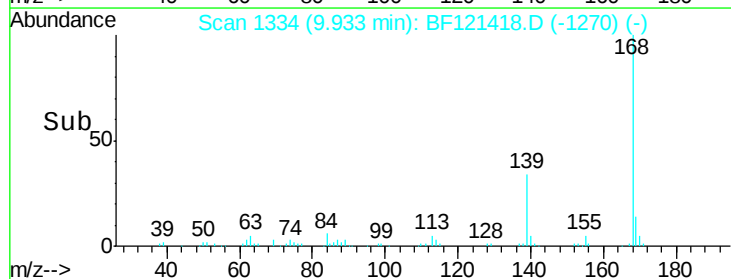
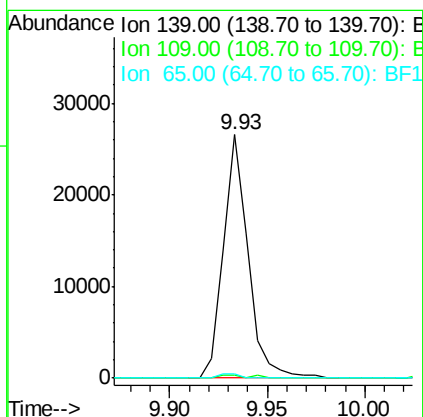
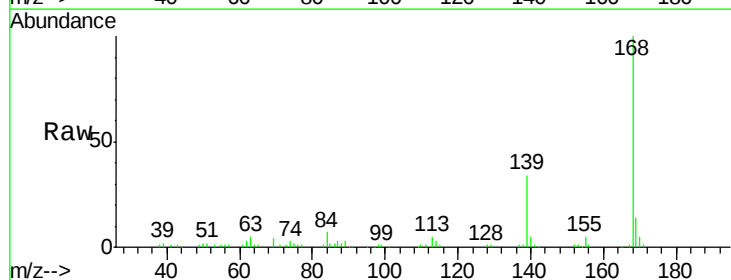
Instrument :
BNA_F
ClientSampleId :
349-346

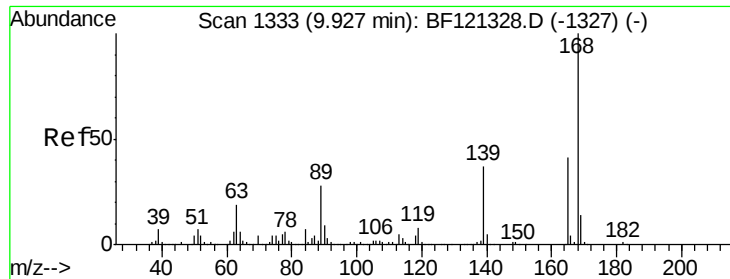
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.3	29.1	43.7
169	14.3	11.0	16.6



#56
4-Nitrophenol
Concen: 7.098 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.08 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.2	47.7	87.7#
65	2.0	73.2	113.2#

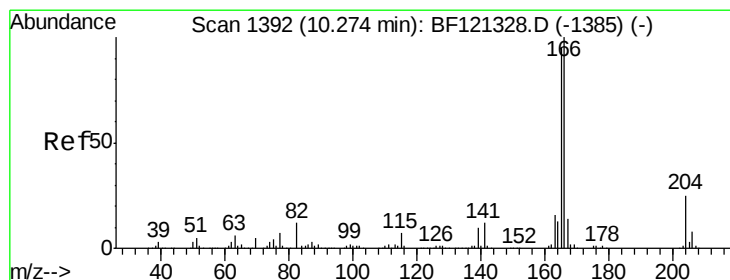
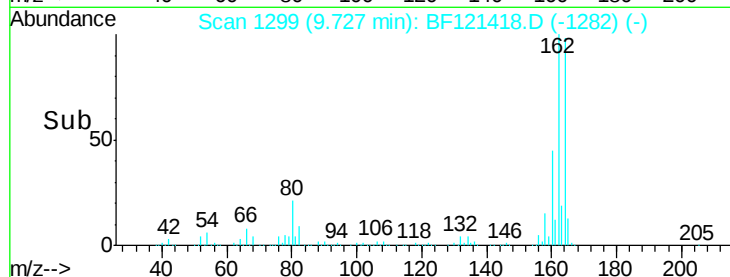
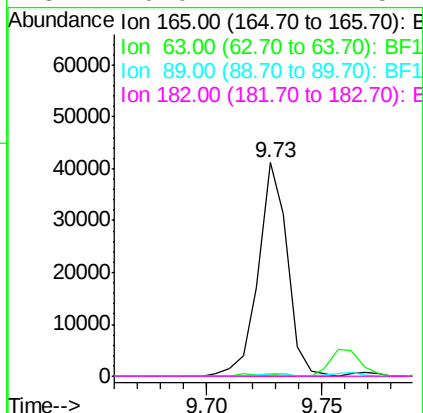
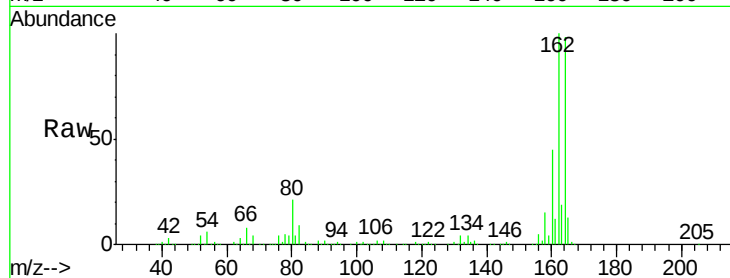




#57
2,4-Dinitrotoluene
Concen: 6.945 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

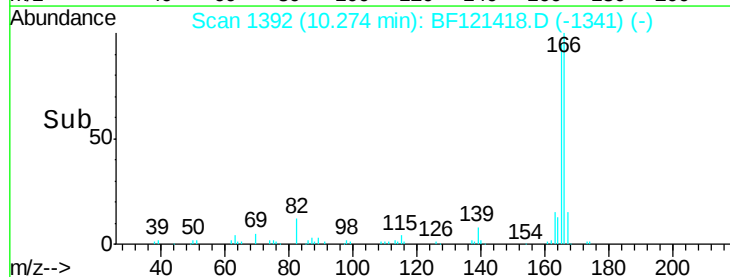
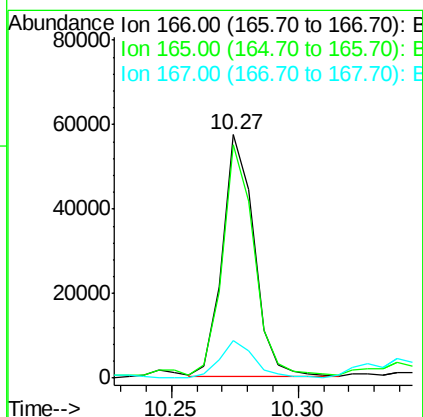
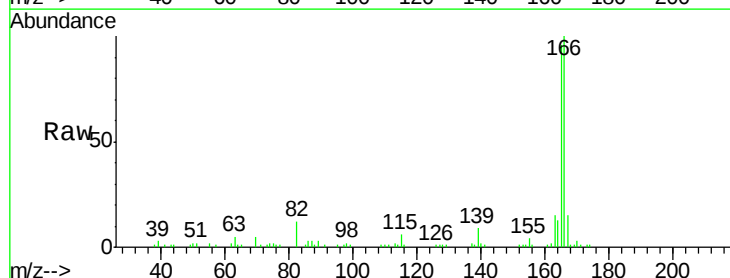
Instrument :
BNA_F
ClientSampleId :
349-346

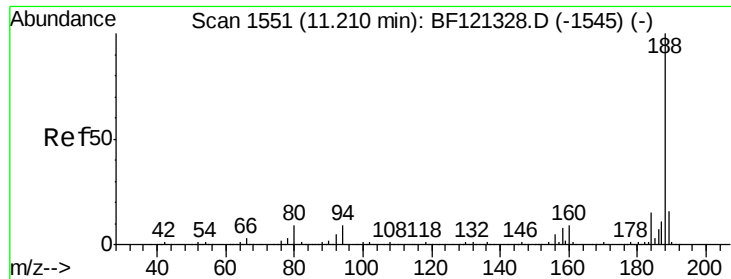
Tot Ion:	165	Resp:	36091
Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.5	56.3#
89	1.3	54.2	81.4#
182	0.0	2.2	3.4#



#58
Fluorene
Concen: Below Cal
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

Tgt Ion:	166	Resp:	49751
Ion	Ratio	Lower	Upper
166	100		
165	96.0	75.8	113.8
167	15.3	11.0	16.4

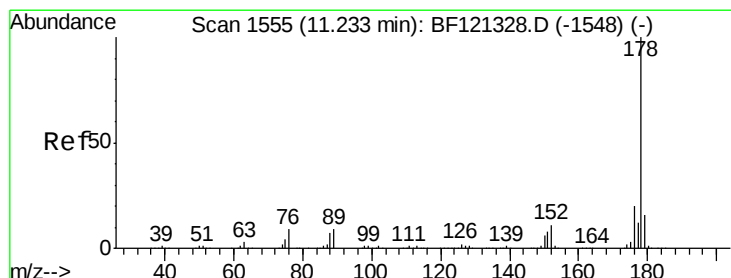
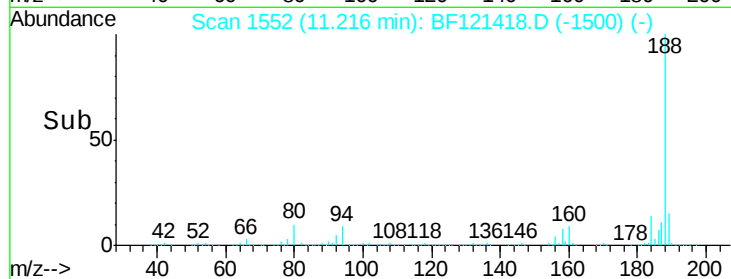
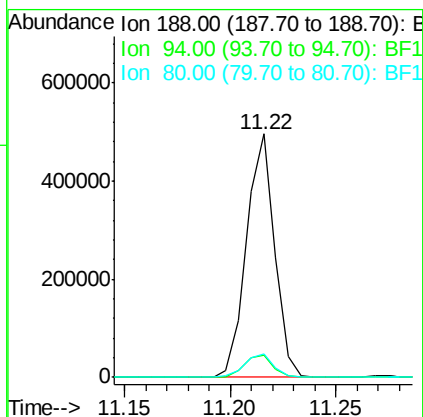
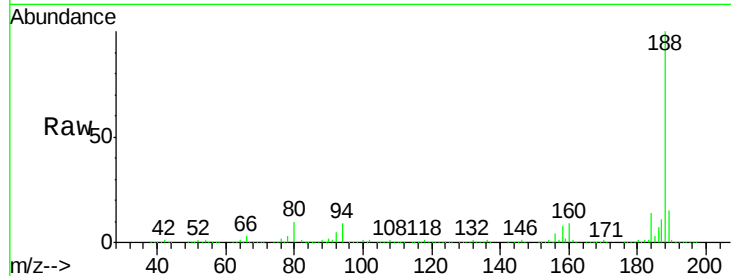




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

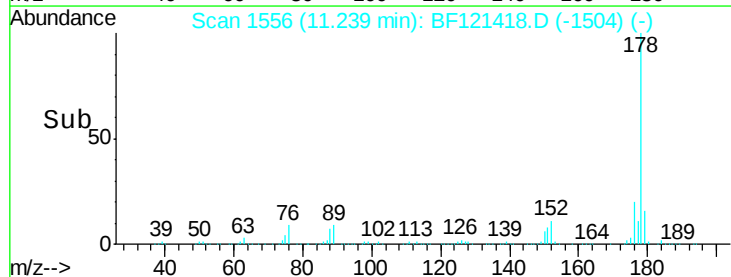
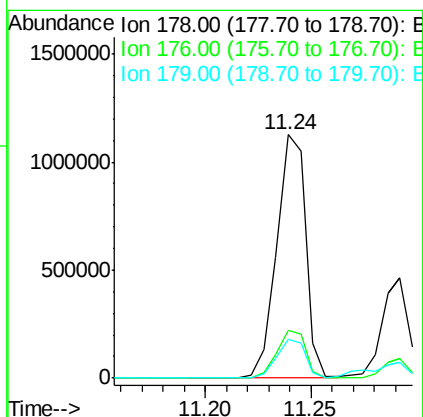
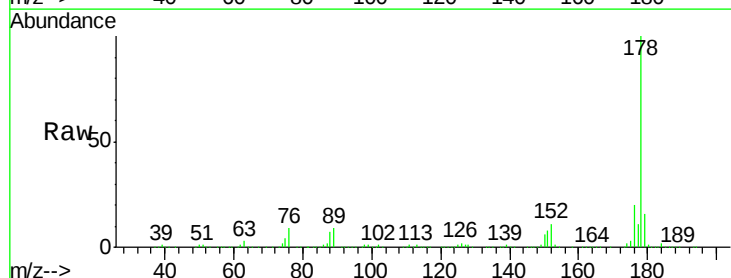
Instrument :
BNA_F
ClientSampleId :
349-346

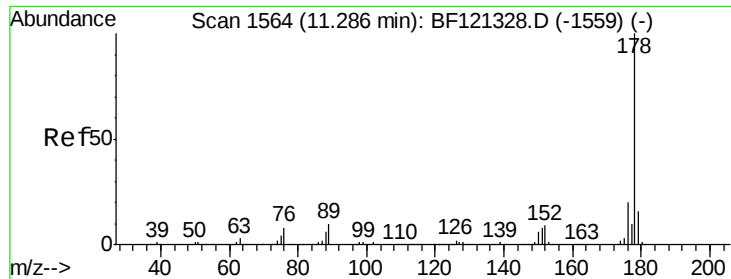
Tot Ion:188 Resp: 458728
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.7 7.4 11.0



#71
Phenanthrene
Concen: 45.518 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

Tgt Ion:178 Resp: 1080665
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.8 12.8 19.2

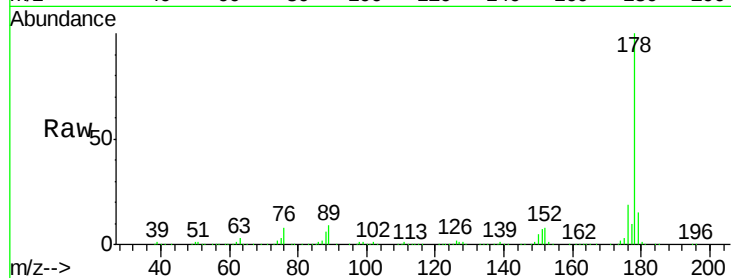




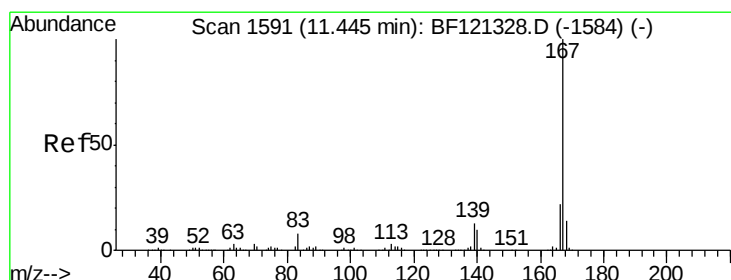
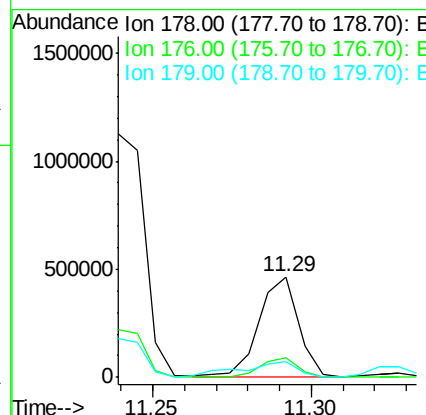
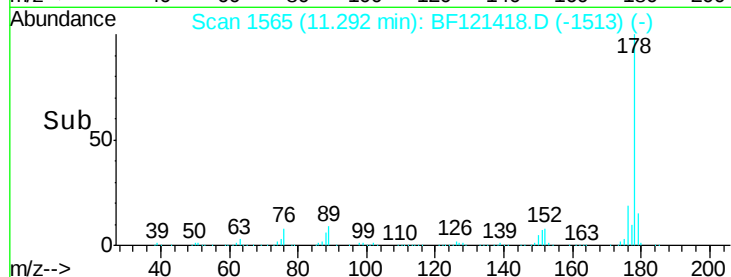
#72
 Anthracene
 Concen: 17.612 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF121418.D
 Acq: 25 Aug 2020 1:06

Instrument :
 BNA_F
 ClientSampleId :
 349-346

Tot Ion:178 Resp: 402658
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.2 12.8 19.2

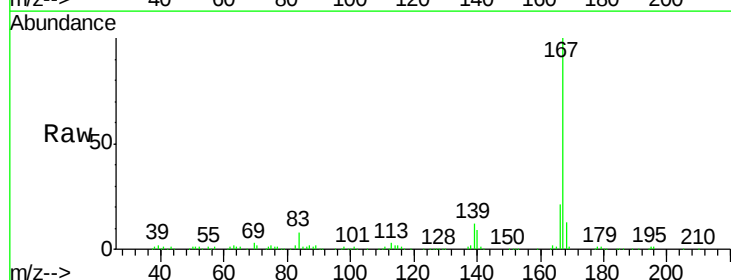


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

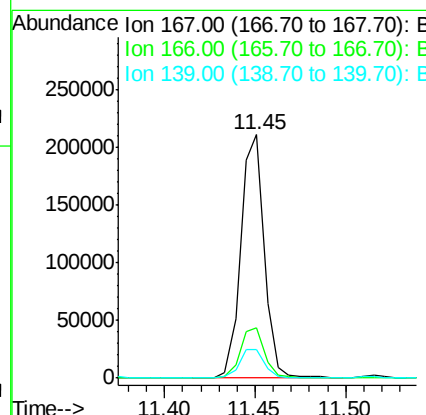
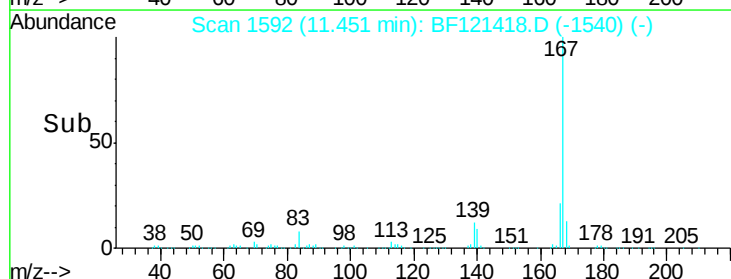


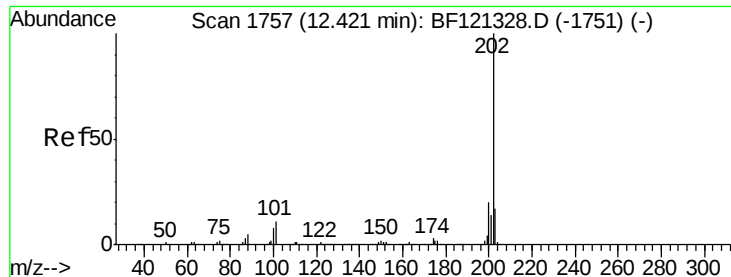
#73
 Carbazole
 Concen: 8.736 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121418.D
 Acq: 25 Aug 2020 1:06

Tgt Ion:167 Resp: 190618
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.7 26.5
 139 11.8 10.2 15.2



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: 72.452 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.02 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampleId :

349-346

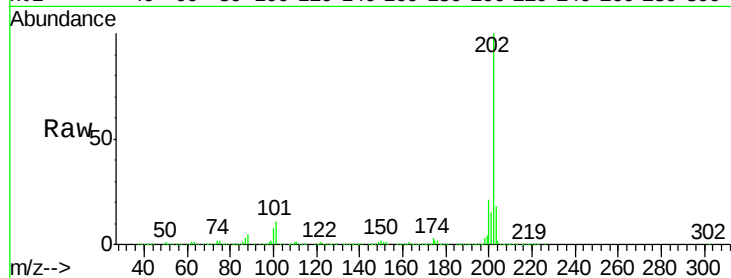
Tot Ion:202 Resp: 1867023

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.6

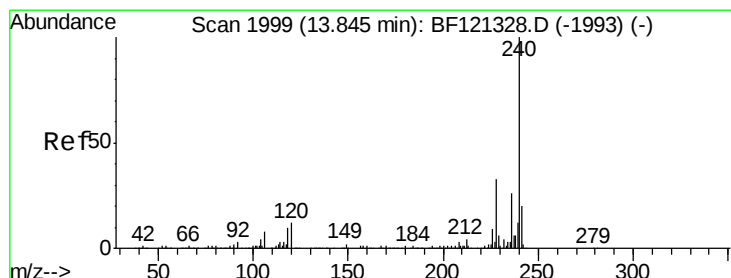
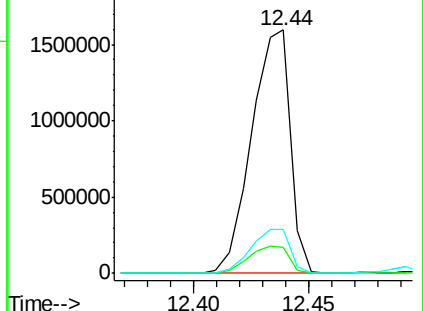
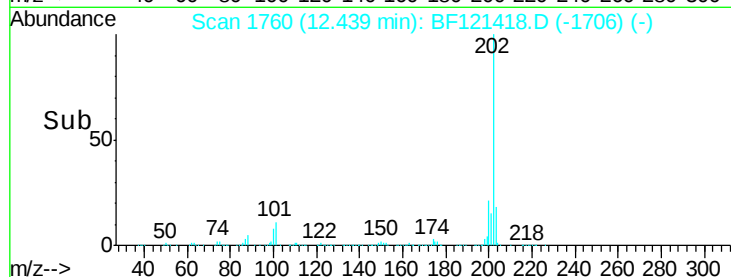
203 18.1 0.0 37.5



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: 13.86 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

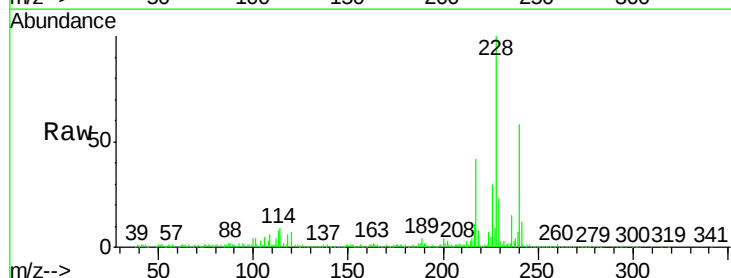
Tgt Ion:240 Resp: 287660

Ion Ratio Lower Upper

240 100

120 12.6 9.6 14.4

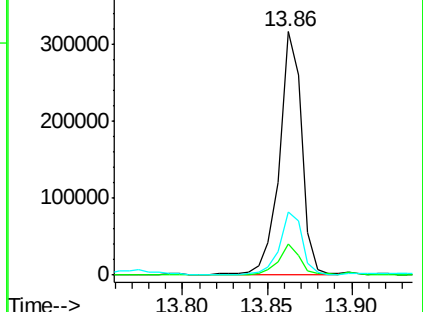
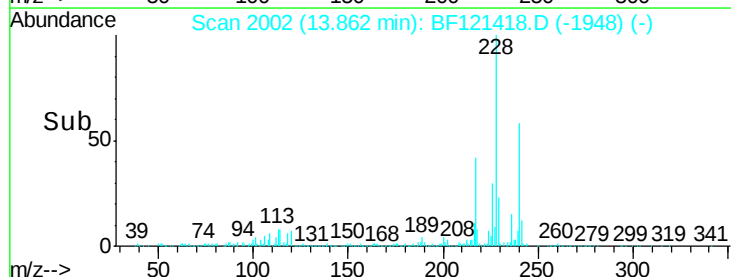
236 25.8 20.6 31.0

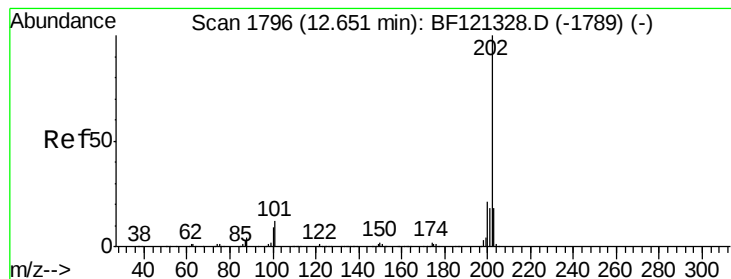


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 86.141 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampleId :

349-346

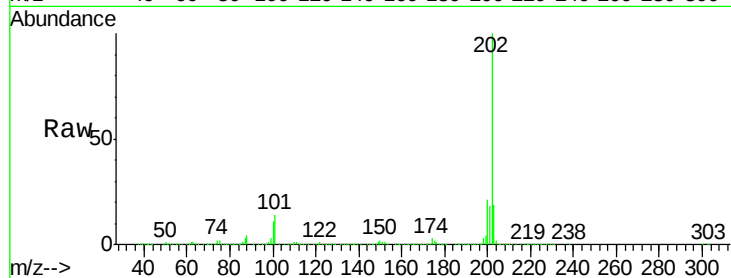
Tot Ion:202 Resp: 1861342

Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

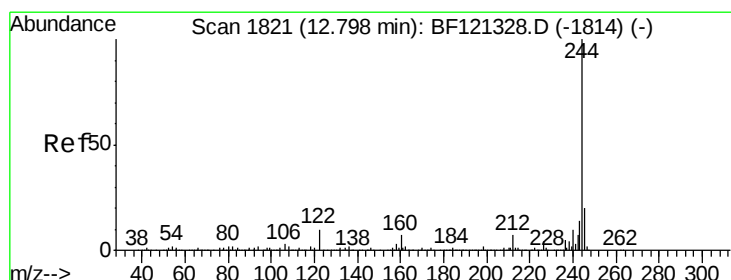
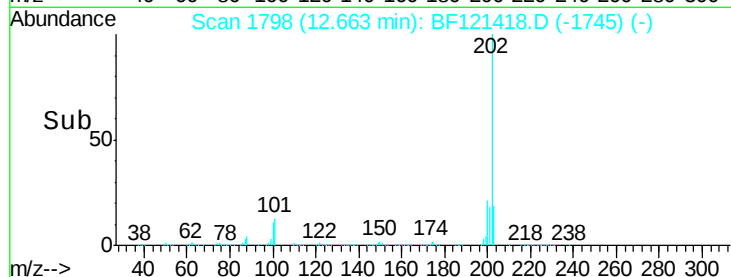
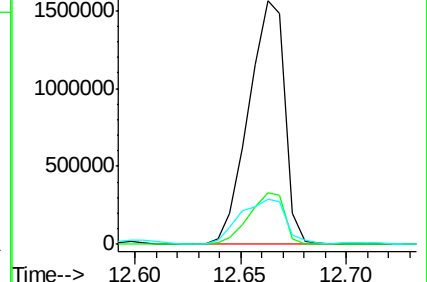
203 18.8 14.2 21.2



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: 29.914 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

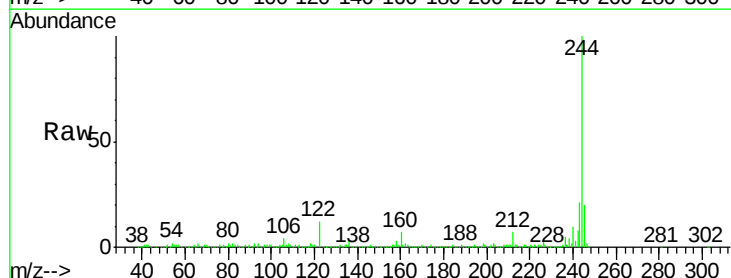
Tgt Ion:244 Resp: 440346

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

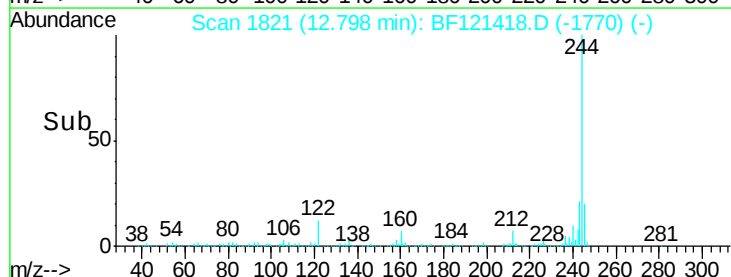
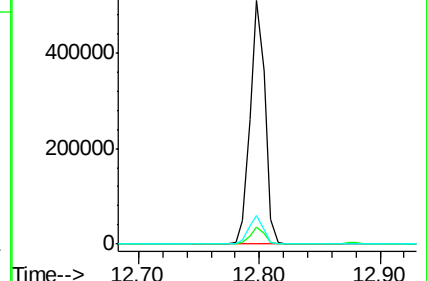
122 11.8 7.8 11.8

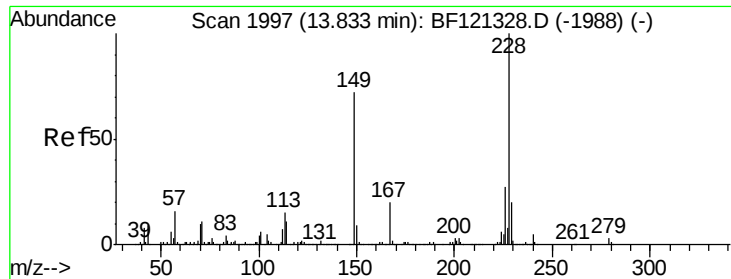


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 88.454 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampleId :

349-346

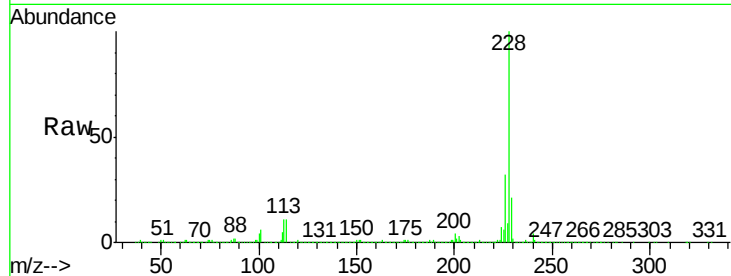
Tot Ion:228 Resp: 1580400

Ion Ratio Lower Upper

228 100

226 31.6 21.8 32.6

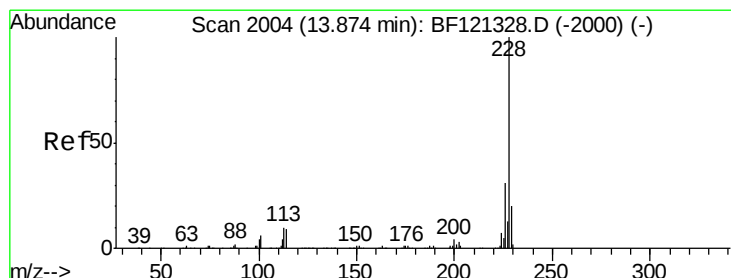
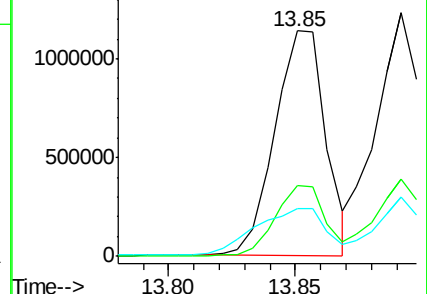
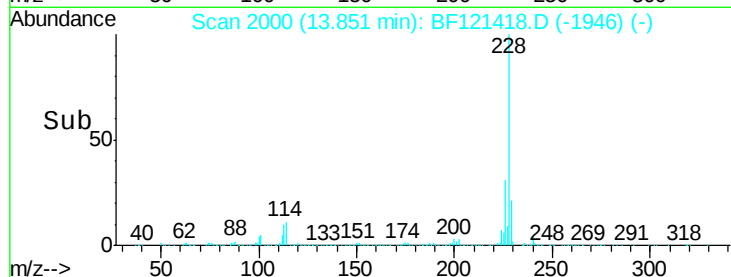
229 21.2 15.8 23.8



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



#83

Chrysene

Concen: 86.487 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

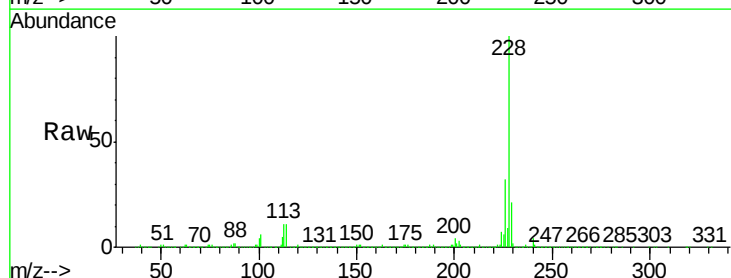
Tgt Ion:228 Resp: 1580400

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

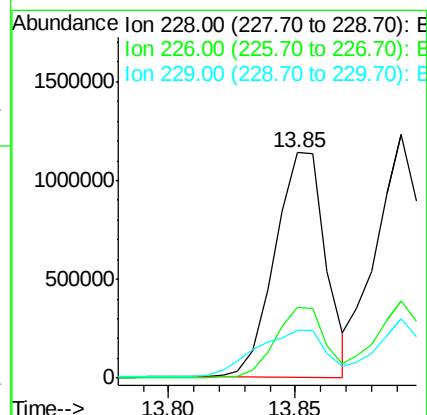
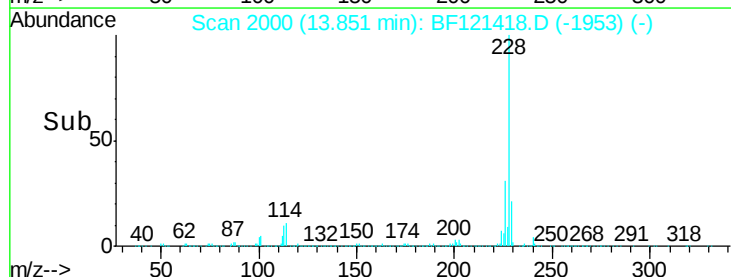
229 21.2 15.9 23.9

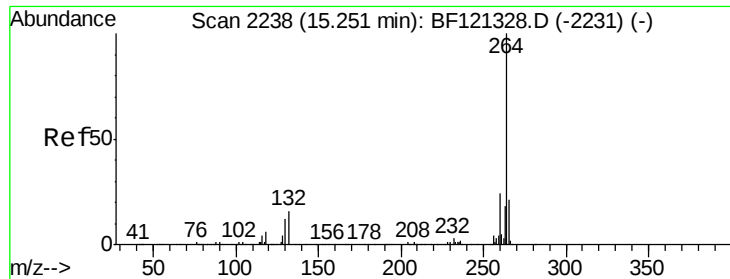


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

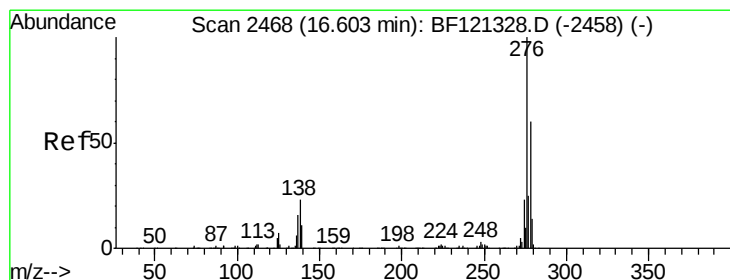
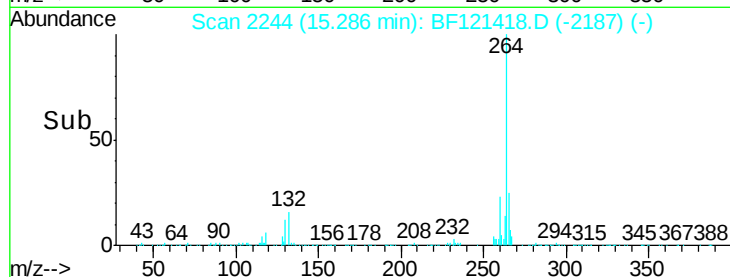
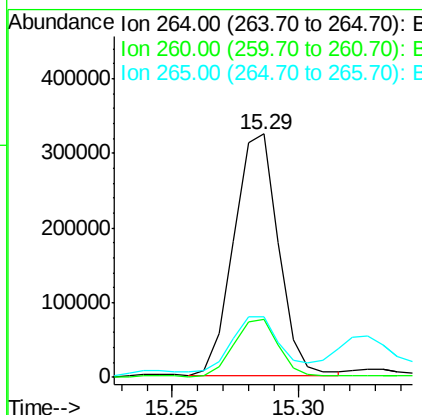
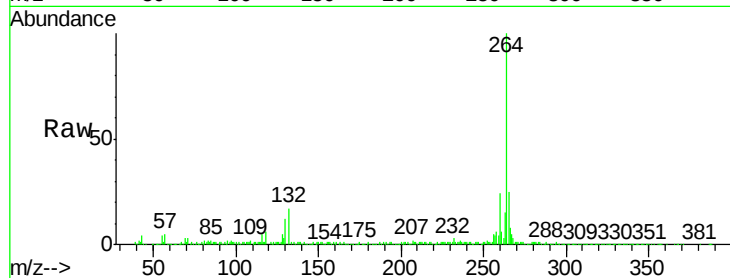




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.04 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

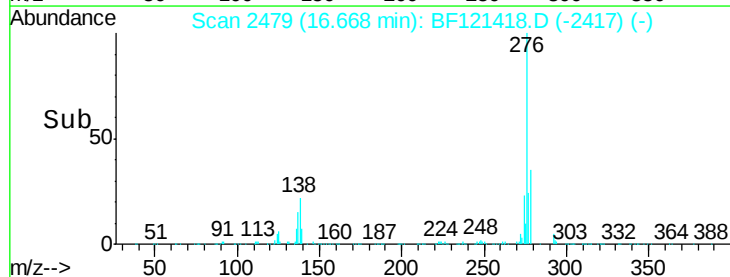
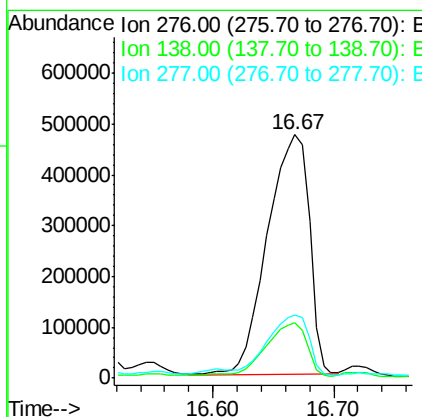
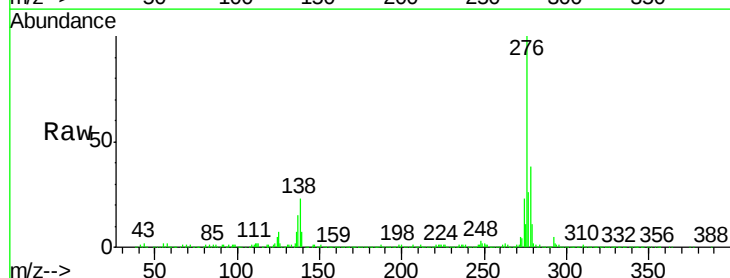
Instrument :
BNA_F
ClientSampleId :
349-346

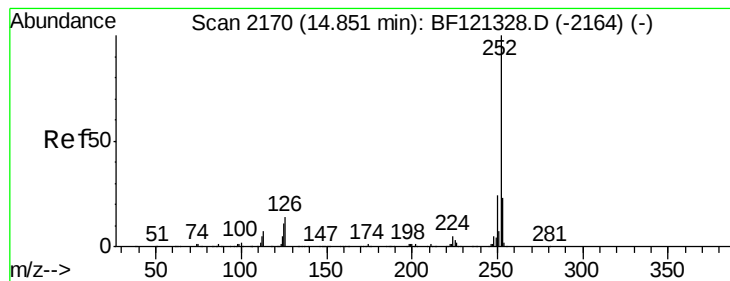
Tot Ion:264 Resp: 395826
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 25.0 17.1 25.7



#87
Indeno(1,2,3-cd)pyrene
Concen: 47.150 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.06 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

Tgt Ion:276 Resp: 1139256
Ion Ratio Lower Upper
276 100
138 21.5 19.4 29.0
277 24.0 19.9 29.9





#88

Benzo(b)fluoranthene

Concen: 111.291 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.04 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampleId :

349-346

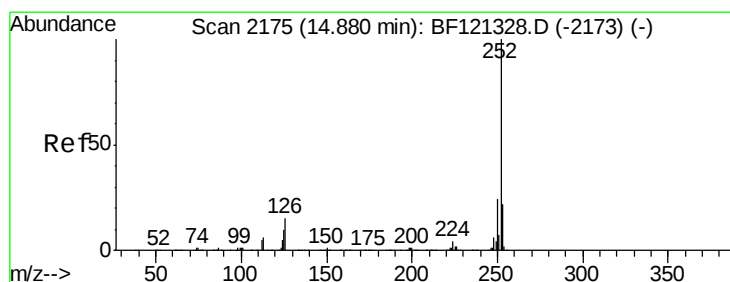
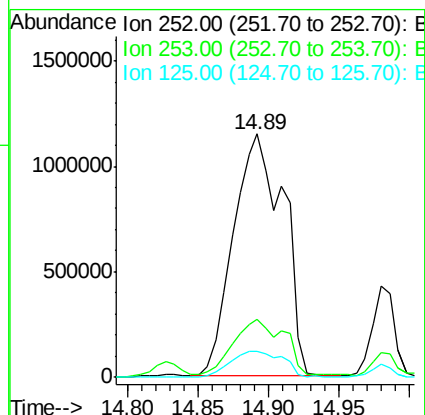
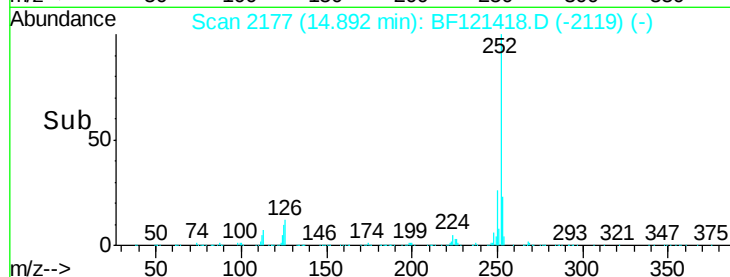
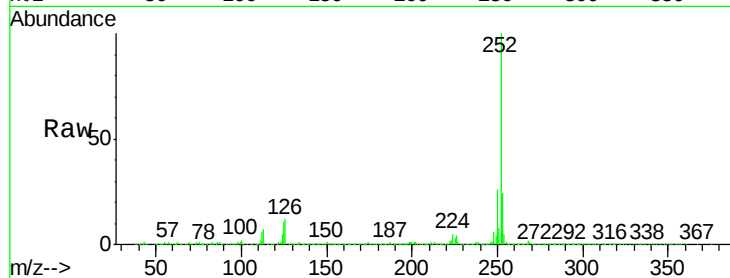
Tot Ion:252 Resp: 2845940

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

125 10.7 8.6 12.8



#89

Benzo(k)fluoranthene

Concen: 126.430 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

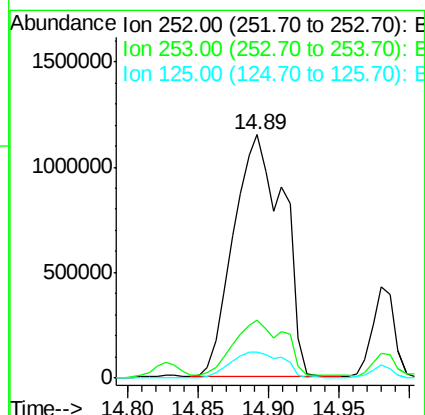
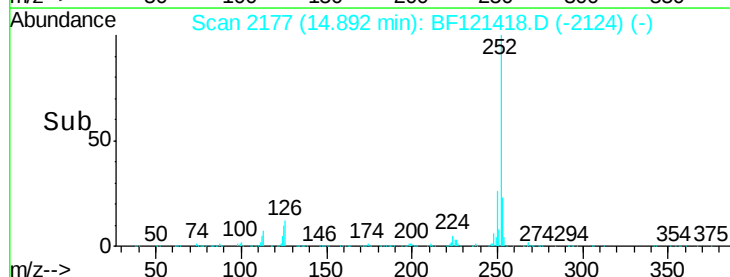
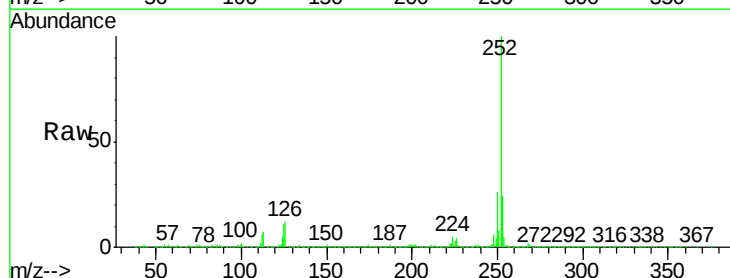
Tgt Ion:252 Resp: 2845940

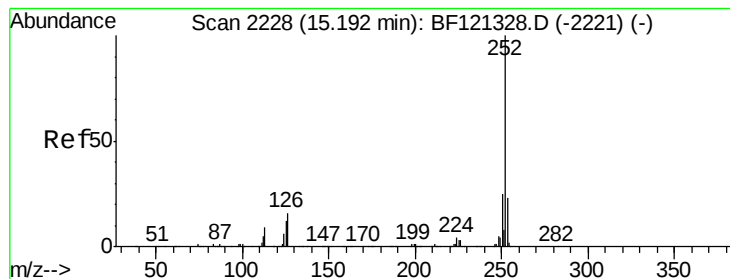
Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 10.7 8.6 12.8

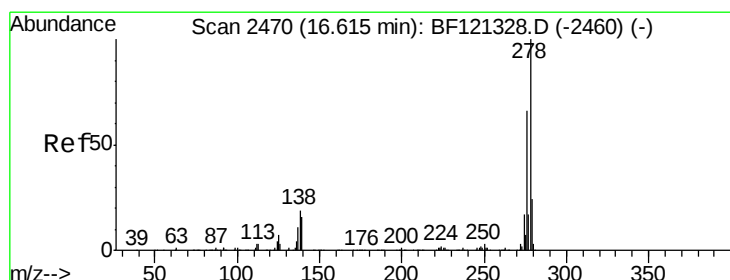
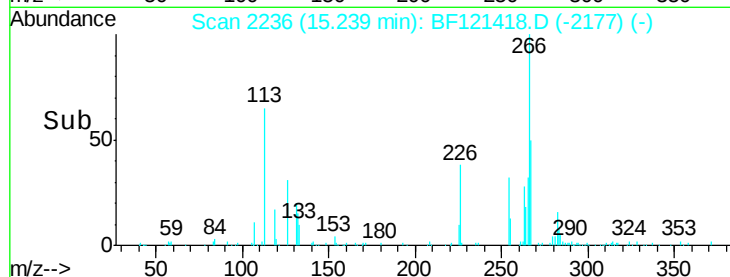
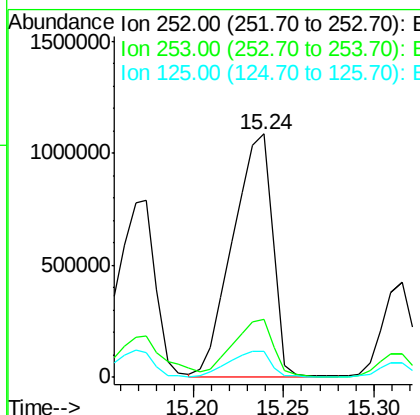
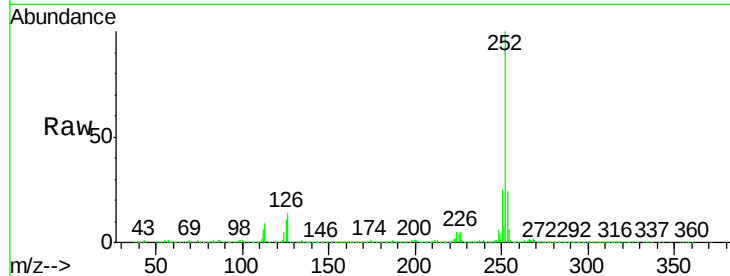




#90
Benzo(a)pyrene
Concen: 75.057 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.05 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

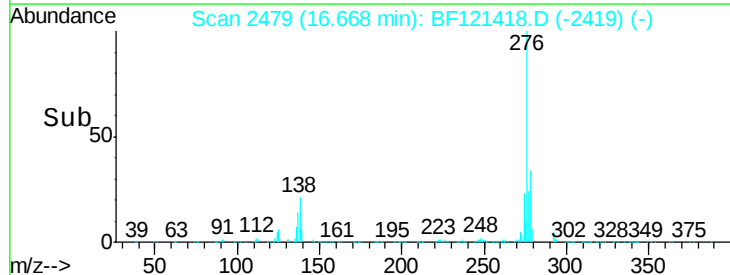
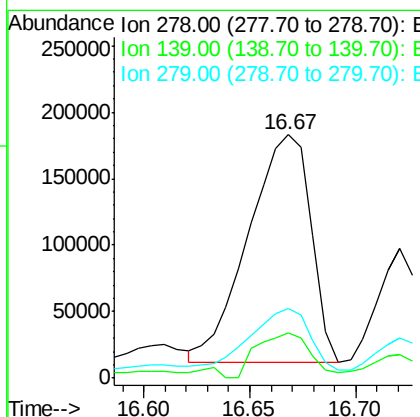
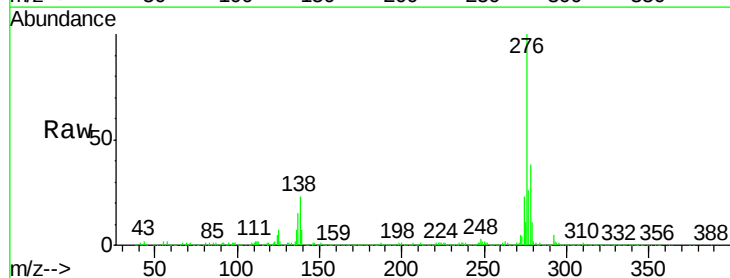
Instrument :
BNA_F
ClientSampleId :
349-346

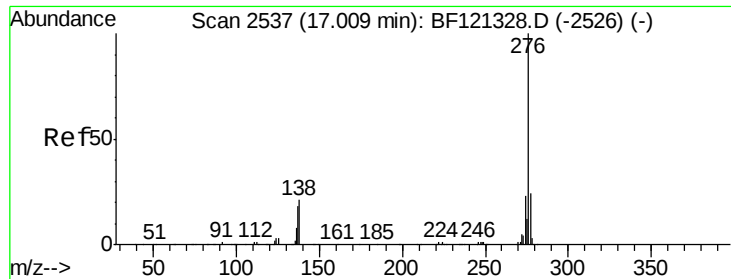
Tot Ion:252 Resp: 1658403
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 10.5 9.4 14.0



#91
Dibenzo(a,h)anthracene
Concen: 17.762 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.05 min
Lab File: BF121418.D
Acq: 25 Aug 2020 1:06

Tgt Ion:278 Resp: 351889
Ion Ratio Lower Upper
278 100
139 18.4 13.1 19.7
279 28.5 19.4 29.2





#92

Benzo(a,h,i)perylene

Concen: 49.134 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.08 min

Lab File: BF121418.D

Acq: 25 Aug 2020 1:06

Instrument :

BNA_F

ClientSampleId :

349-346

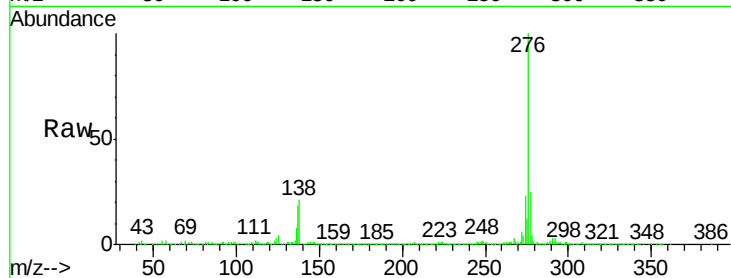
Tot Ion: 276 Resp: 951599

Ion Ratio Lower Upper

276 100

277 25.0 19.3 28.9

138 21.2 16.8 25.2



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

