

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
 Data File : BF121605.D
 Acq On : 17 Sep 2020 19:25
 Operator : JU/CG
 Sample : L4038-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-091620-DP

Quant Time: Sep 18 00:46:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147238	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	518255	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	219655	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	335497	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	317255	20.00	ng	-0.01
86) Perylene-d12	15.44	264	341048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	867894	87.60	ng	0.00
7) Phenol-d6	6.46	99	1050539	80.82	ng	0.00
23) Nitrobenzene-d5	7.39	82	712136	73.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	209411	76.71	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1141450	78.70	ng	-0.01
79) Terphenyl-d14	12.93	244	871783	55.67	ng	-0.01

Target Compounds

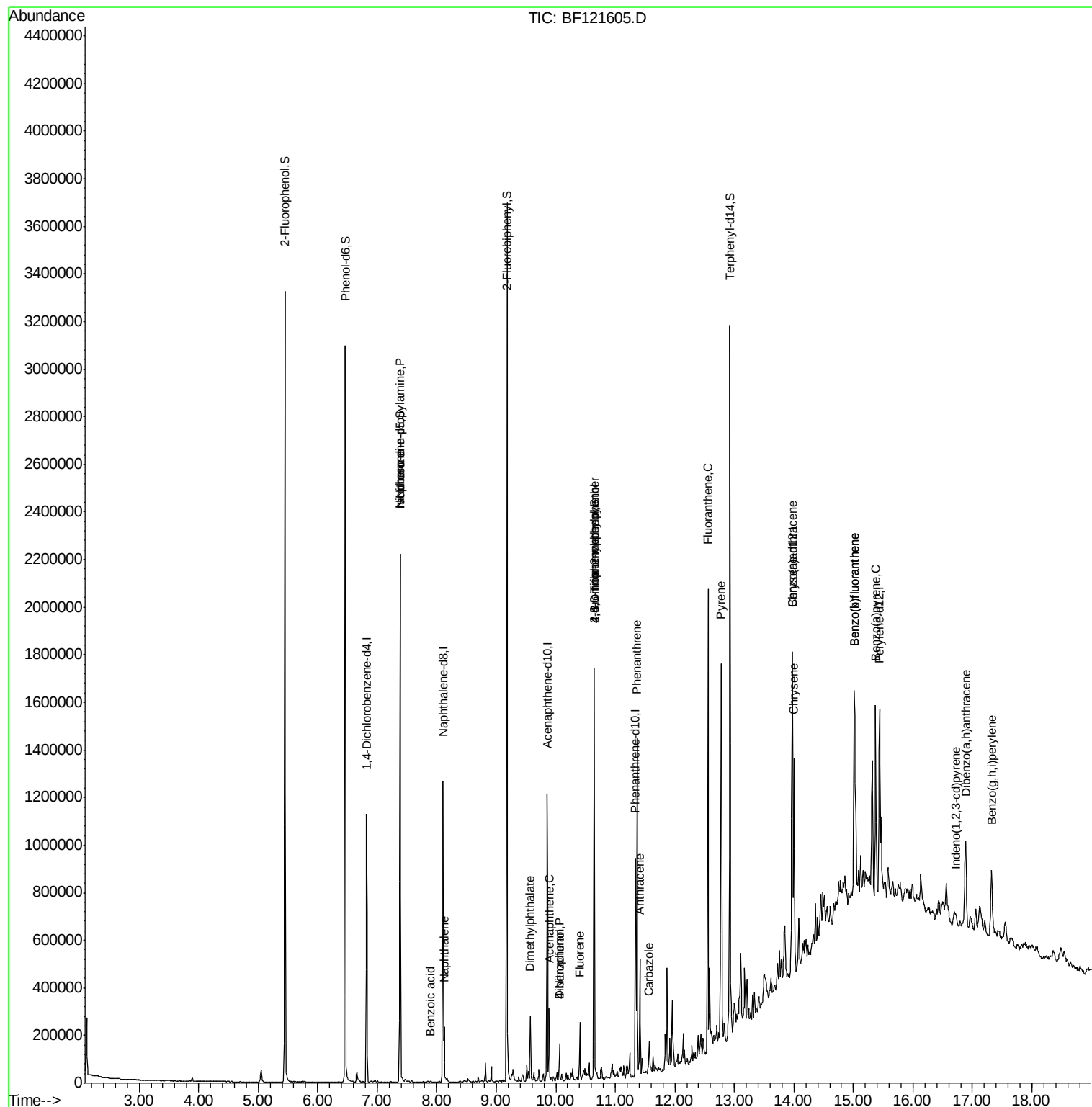
						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	95634	12.766	ng	# 80
25) Isophorone	7.39	82	708590	36.468	ng	# 66
31) Naphthalene	8.13	128	94146	3.441	ng	98
32) Benzoic acid	7.90	122	466	6.997	ng	# 1
50) Dimethylphthalate	9.57	163	113632	7.138	ng	99
52) Acenaphthene	9.89	154	62606	4.655	ng	98
55) Dibenzofuran	10.06	168	53141	2.806	ng	96
56) 4-Nitrophenol	10.06	139	20160	6.436	ng	# 8
58) Fluorene	10.40	166	60339	4.166	ng	100
65) 4,6-Dinitro-2-methylphenol	10.65	198	414	7.024	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	12019	3.147	ng	# 1
71) Phenanthrene	11.36	178	522278	28.572	ng	99
72) Anthracene	11.42	178	163289	8.656	ng	97
73) Carbazole	11.57	167	49285	2.895	ng	98
75) Fluoranthene	12.56	202	738428	37.843	ng	97
78) Pyrene	12.79	202	707008	30.501	ng	98
81) Benzo(a)anthracene	13.97	228	384254	19.145	ng	99
83) Chrysene	14.00	228	322554	15.870	ng	97
87) Indeno(1,2,3-cd)pyrene	16.72	276	44452	2.001	ng	95
88) Benzo(b)fluoranthene	15.02	252	649257	28.477	ng	97
89) Benzo(k)fluoranthene	15.02	252	649257	31.097	ng	98
90) Benzo(a)pyrene	15.37	252	399916	20.635	ng	97
91) Dibenzo(a,h)anthracene	16.89	278	62071	3.357	ng	# 89
92) Benzo(g,h,i)perylene	17.32	276	247249	13.605	ng	97

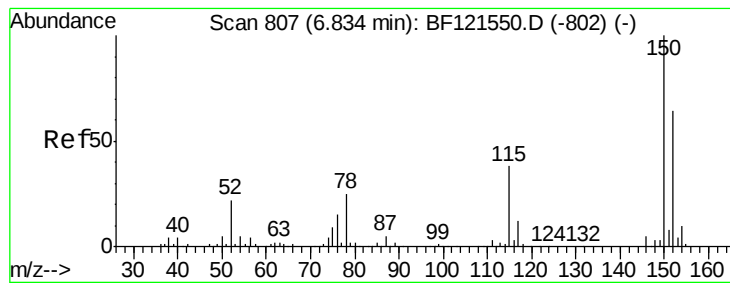
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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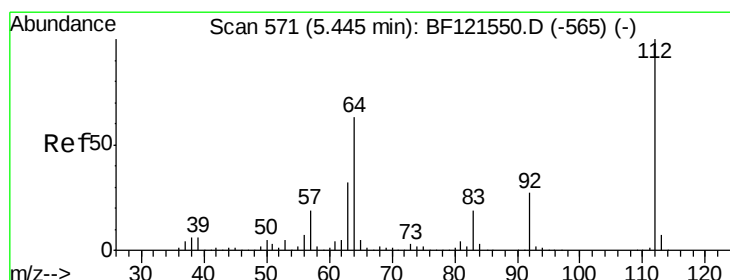
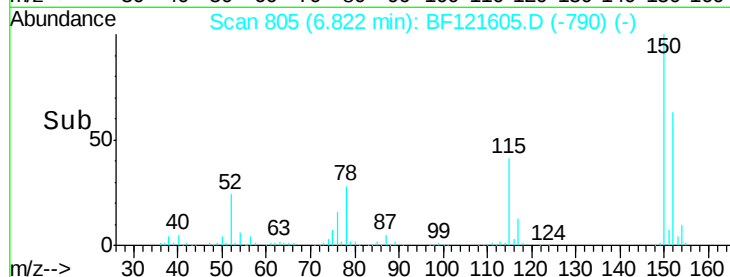
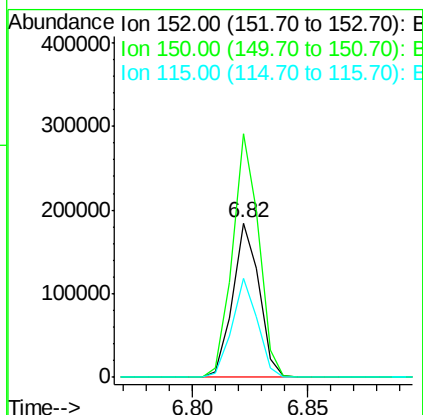
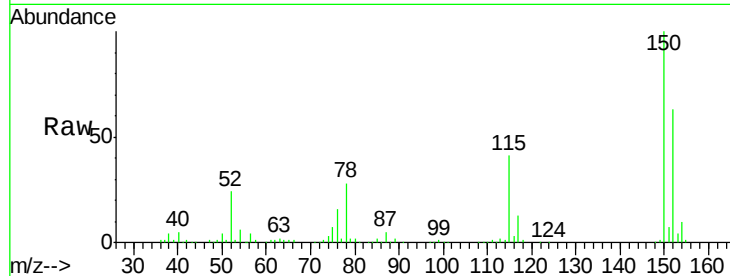


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

Instrument :
BNA_F
ClientSampleId :
PAV-091620-DP

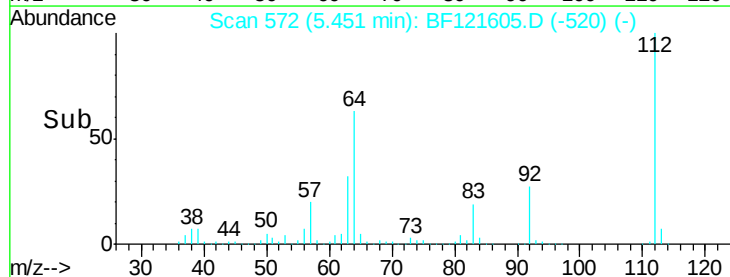
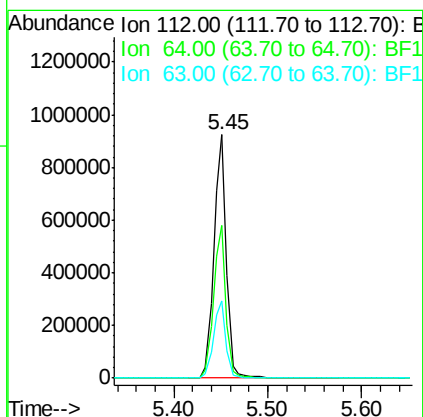
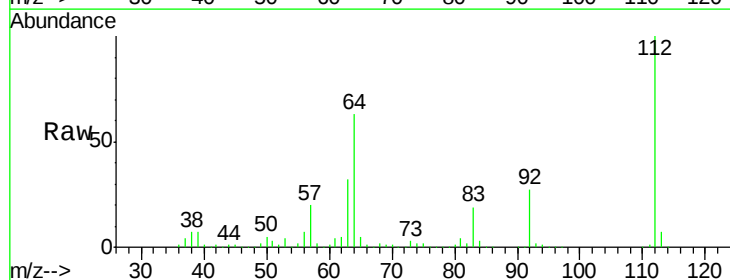
Tot Ion:152 Resp: 147238
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.6
115 63.9 47.8 71.8

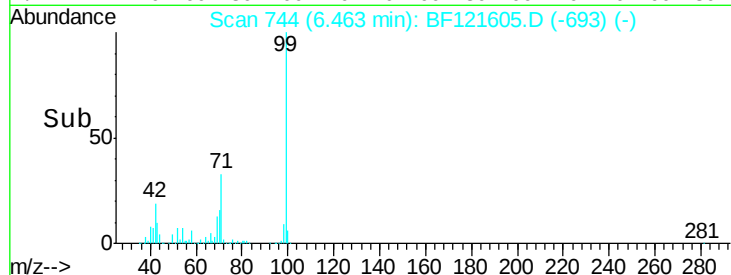
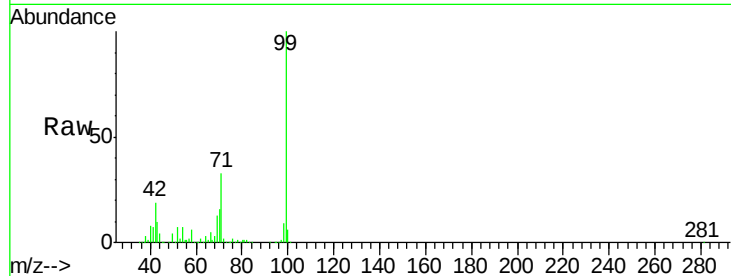
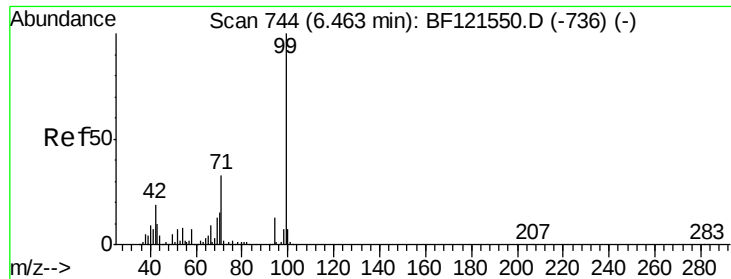


#5

2-Fluorophenol
Concen: 87.600 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

Tgt Ion:112 Resp: 867894
Ion Ratio Lower Upper
112 100
64 62.5 50.3 75.5
63 31.7 25.6 38.4





#7

Phenol-d6

Concen: 80.823 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

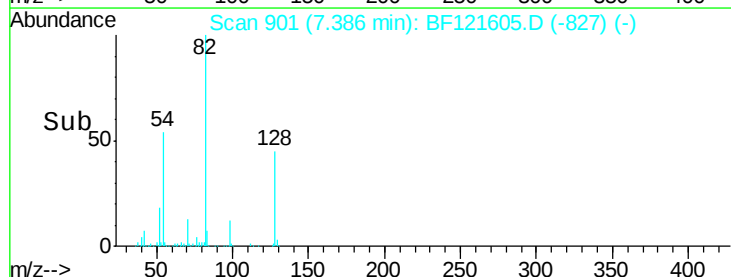
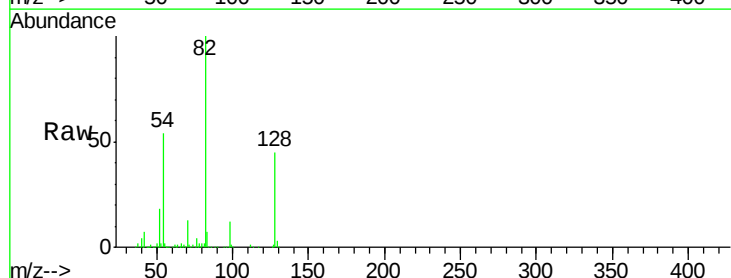
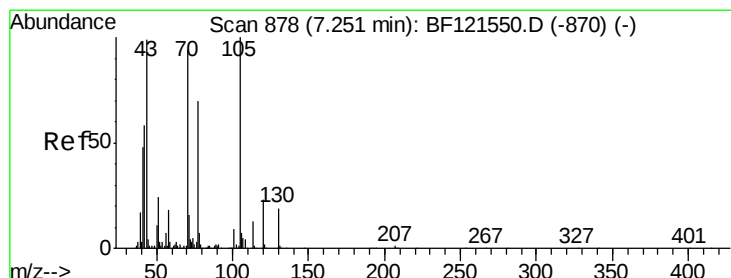
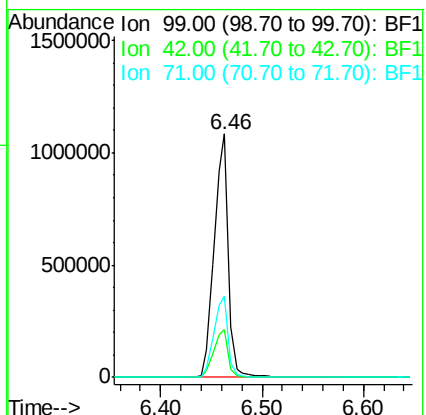
Tot Ion: 99 Resp: 1050539

Ion Ratio Lower Upper

99 100

42 19.5 15.5 23.3

71 33.5 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.766 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Tgt Ion: 70 Resp: 95634

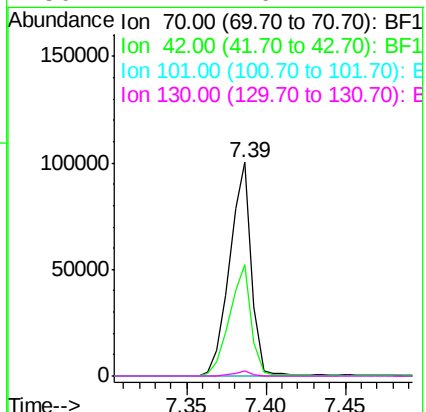
Ion Ratio Lower Upper

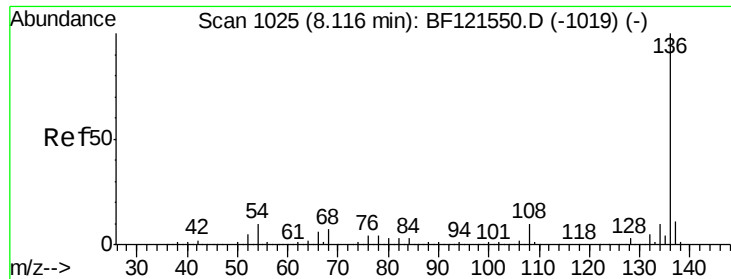
70 100

42 52.4 49.4 74.2

101 0.0 7.6 11.4#

130 2.2 16.2 24.4#

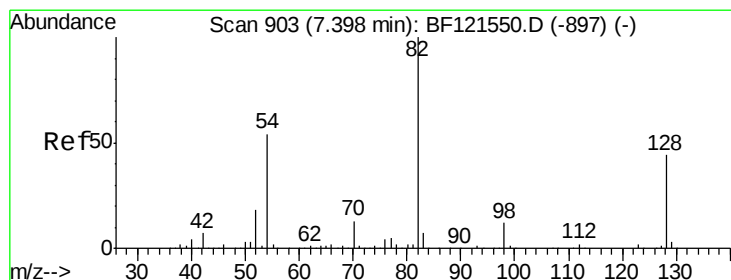
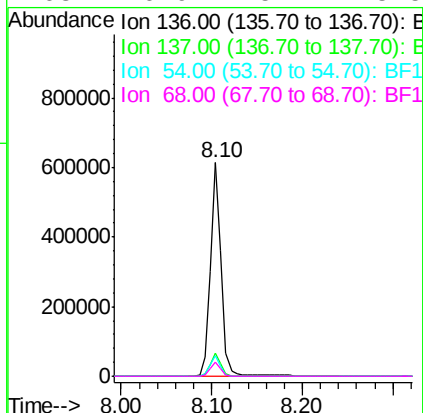
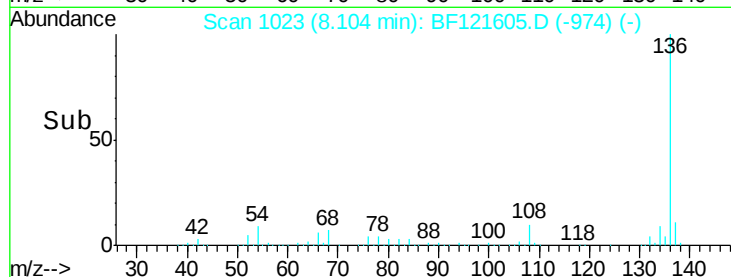
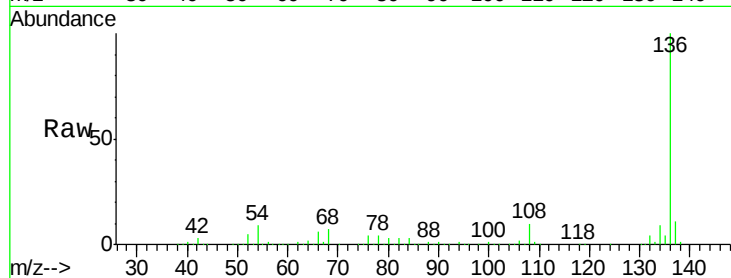




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

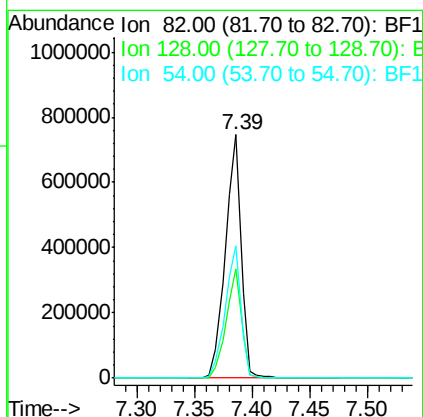
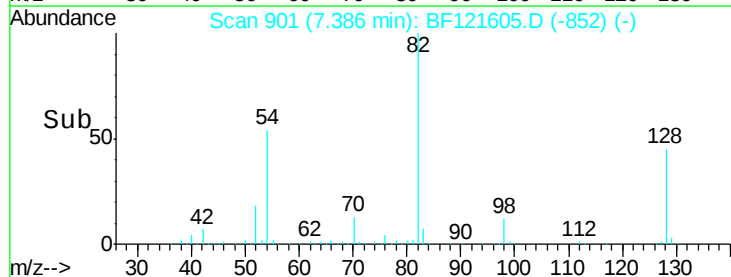
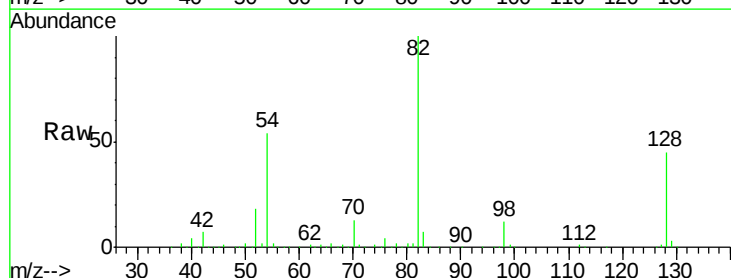
Instrument :
BNA_F
ClientSampleId :
PAV-091620-DP

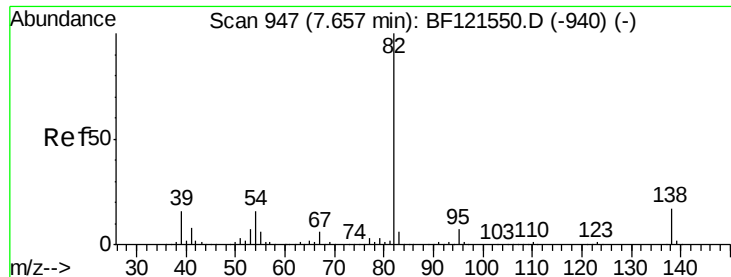
Tot Ion:	136	Resp:	518255
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.4	7.6	11.4
68	6.9	5.7	8.5



#23
Nitrobenzene-d5
Concen: 73.778 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

Tgt Ion:	82	Resp:	712136
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.1	52.7
54	54.2	43.0	64.6





#25

Isophorone

Concen: 36.468 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

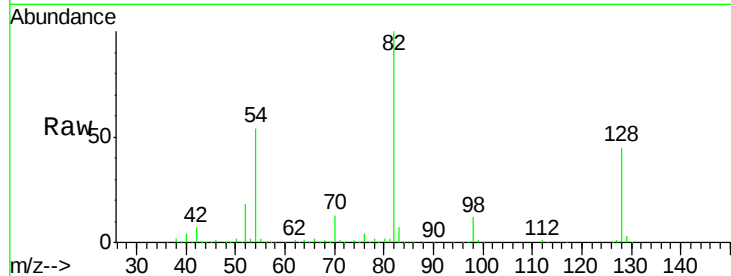
Tot Ion: 82 Resp: 708590

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

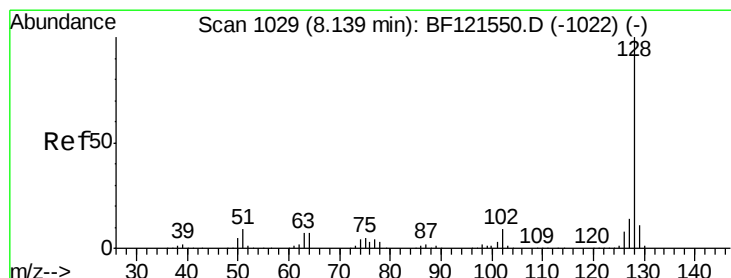
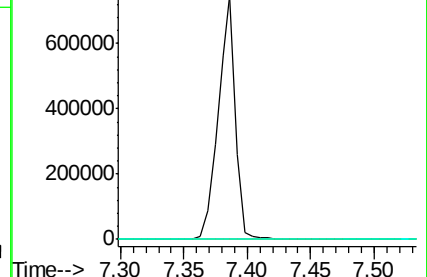
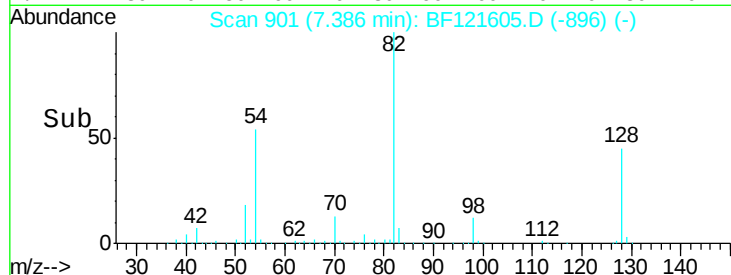
138 0.0 13.7 20.5#



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



#31

Naphthalene

Concen: 3.441 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

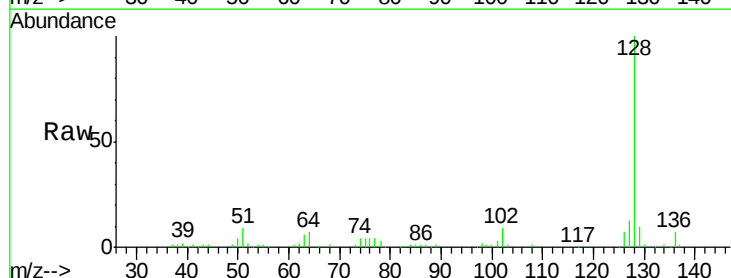
Tgt Ion: 128 Resp: 94146

Ion Ratio Lower Upper

128 100

129 10.5 9.1 13.7

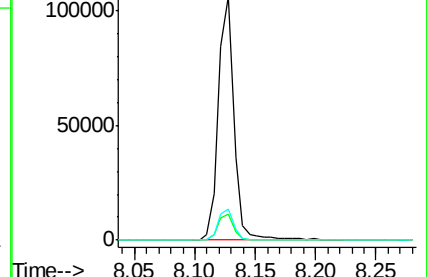
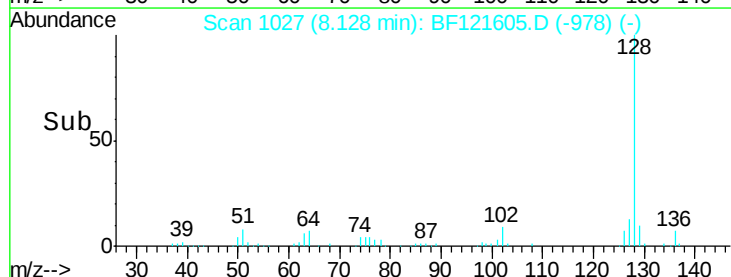
127 13.0 11.0 16.6

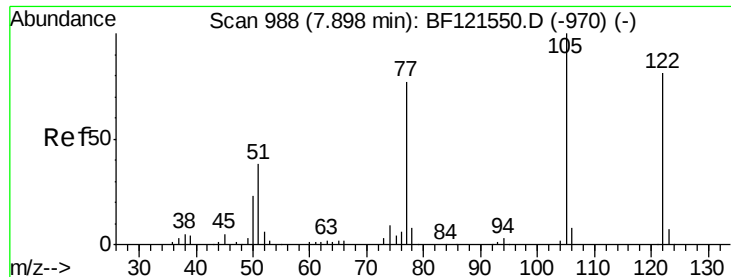


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

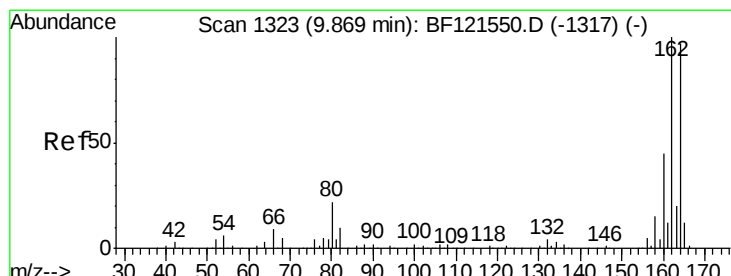
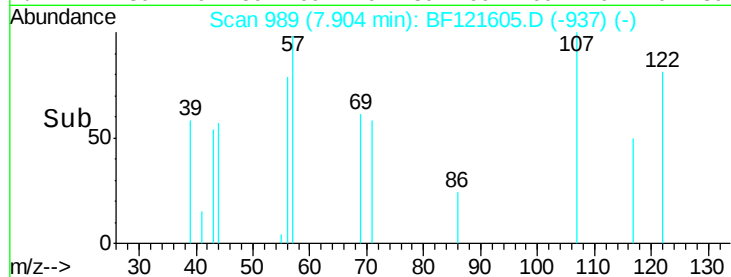
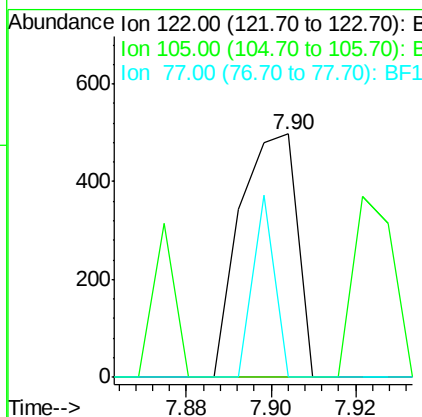
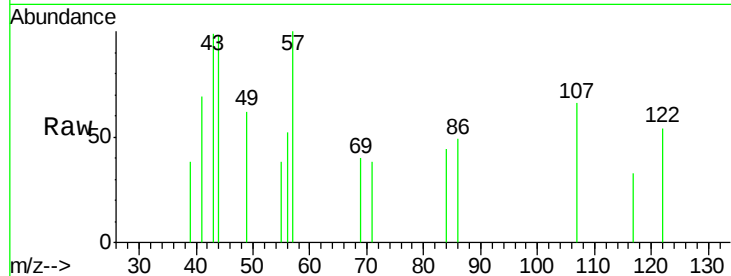




#32
Benzoic acid
Concen: 6.997 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

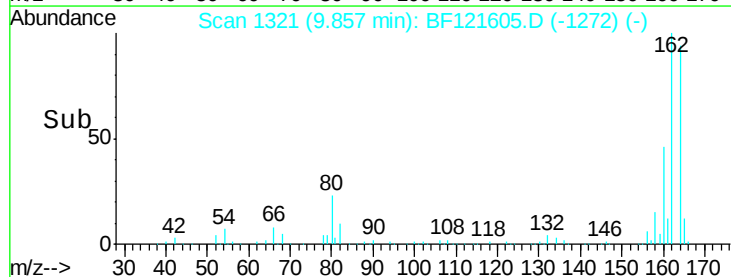
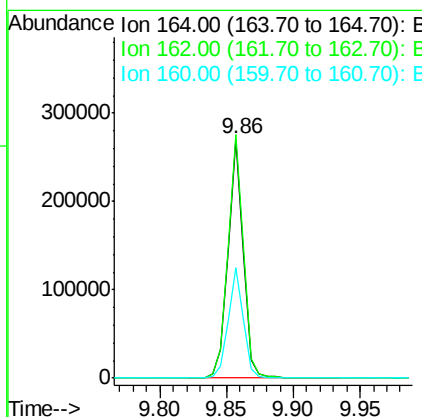
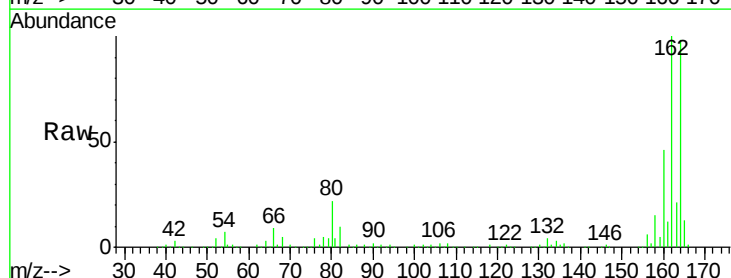
Instrument :
BNA_F
ClientSampleId :
PAV-091620-DP

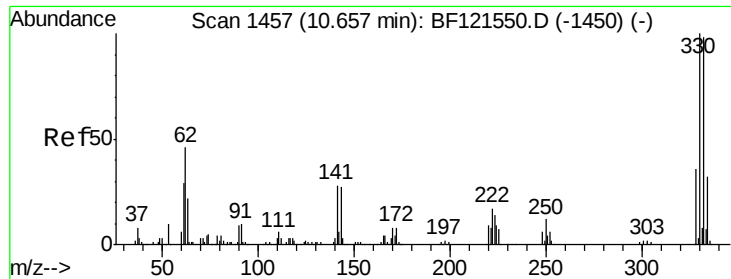
Tot Ion:122 Resp: 466
Ion Ratio Lower Upper
122 100
105 0.0 100.5 140.5#
77 0.0 72.6 112.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

Tgt Ion:164 Resp: 219655
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 46.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 76.707 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

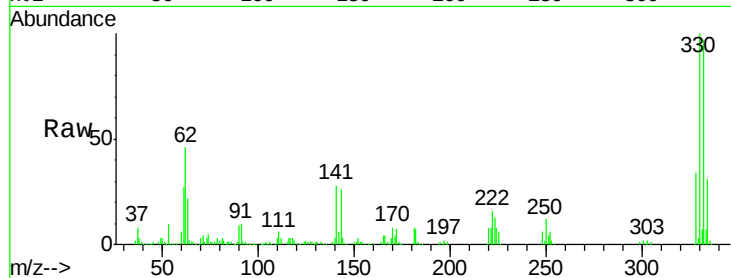
Tot Ion:330 Resp: 209411

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

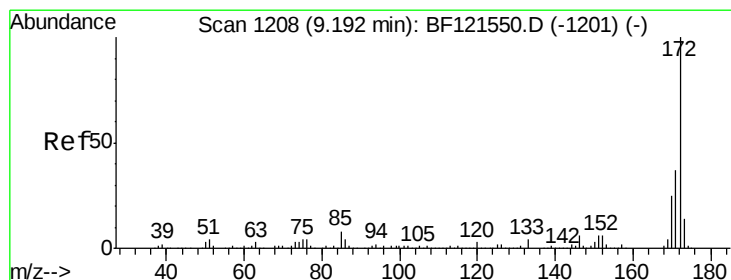
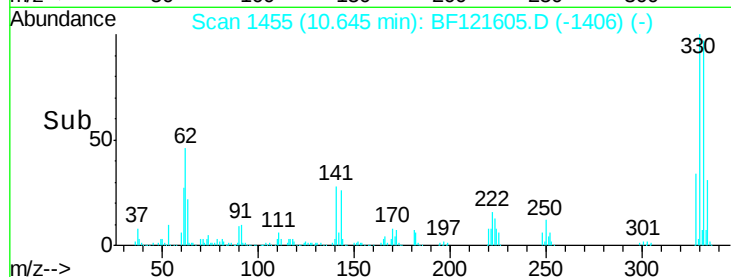
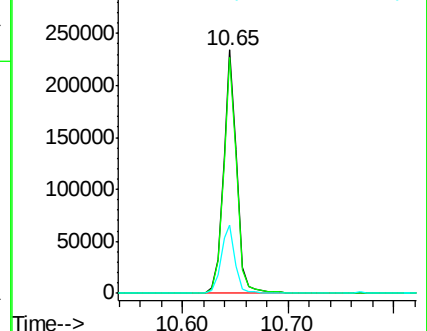
141 30.6 23.6 35.4



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: 78.703 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

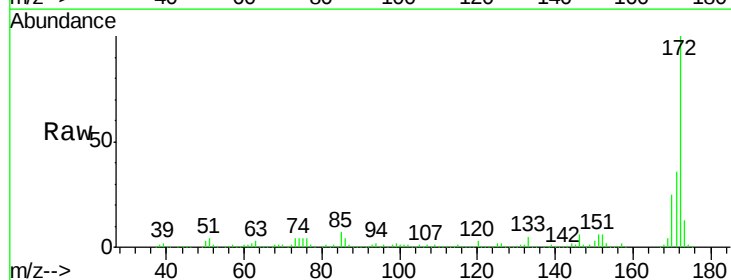
Tgt Ion:172 Resp: 1141450

Ion Ratio Lower Upper

172 100

171 36.3 29.8 44.6

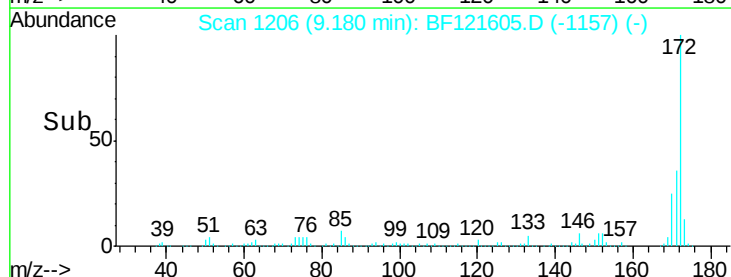
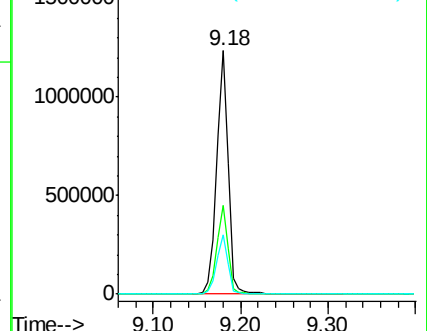
170 24.6 19.8 29.8

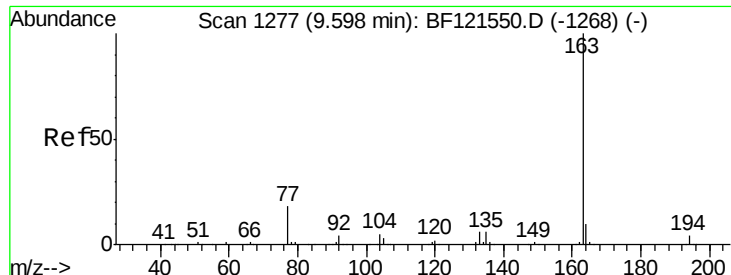


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

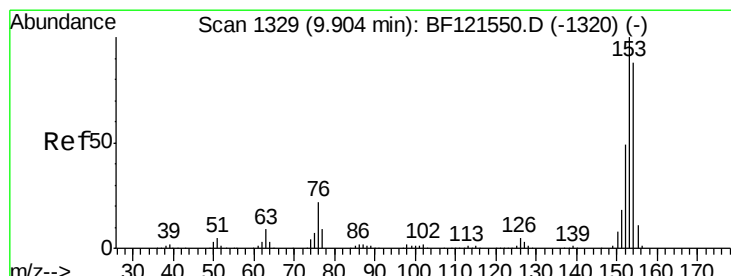
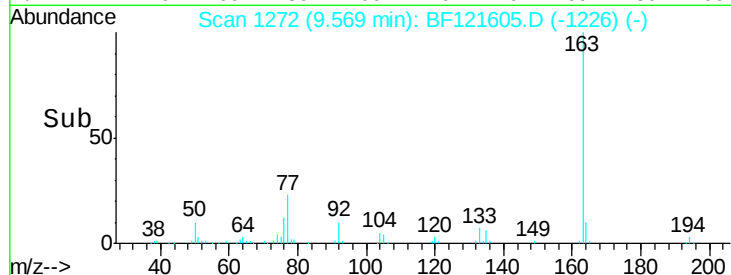
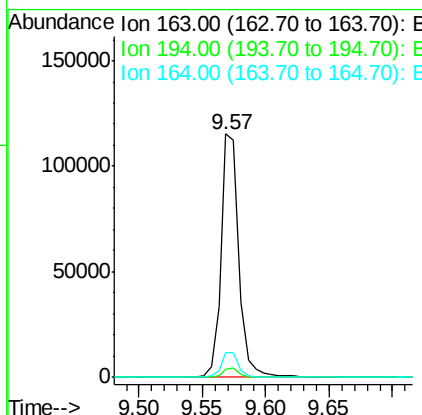
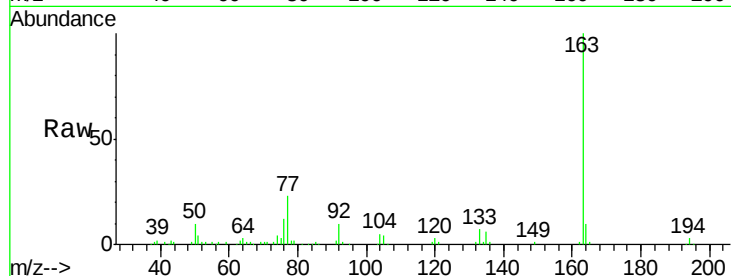




#50
Dimethylphthalate
Concen: 7.138 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.03 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

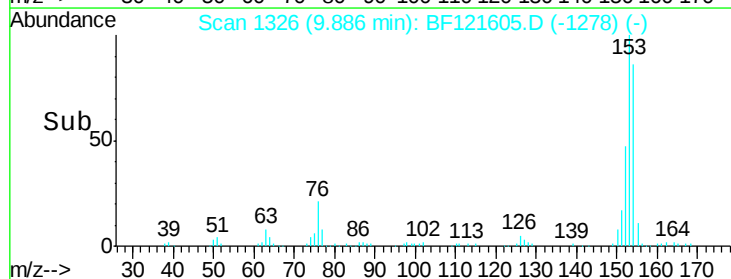
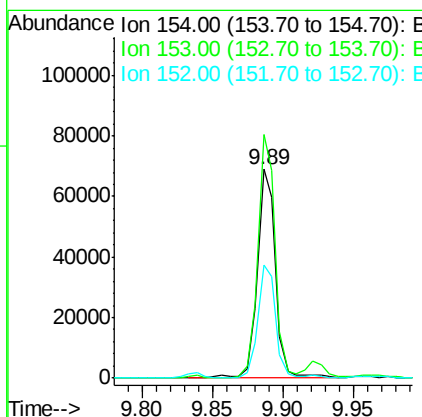
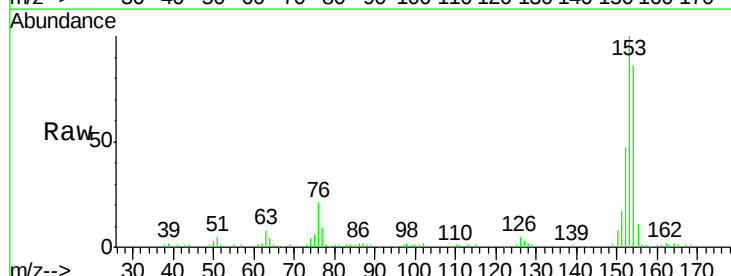
Instrument :
BNA_F
ClientSampleId :
PAV-091620-DP

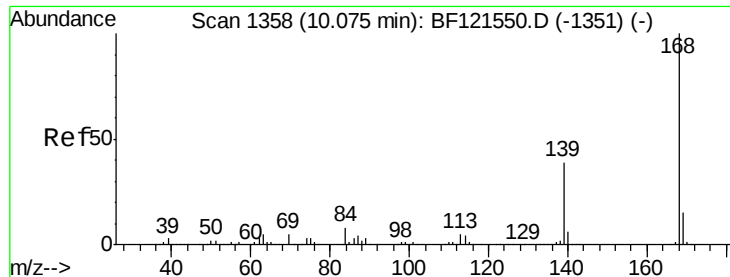
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	10.3	7.9	11.9



#52
Acenaphthene
Concen: 4.655 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.6	91.0	136.4
152	54.2	44.2	66.2

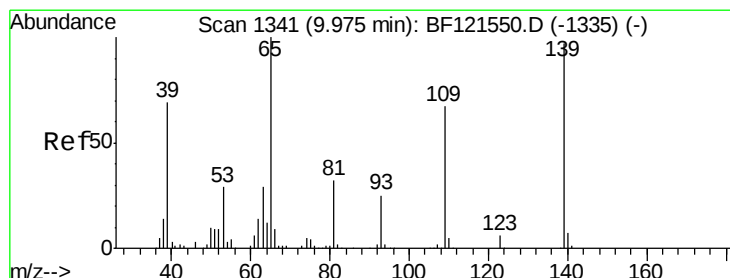
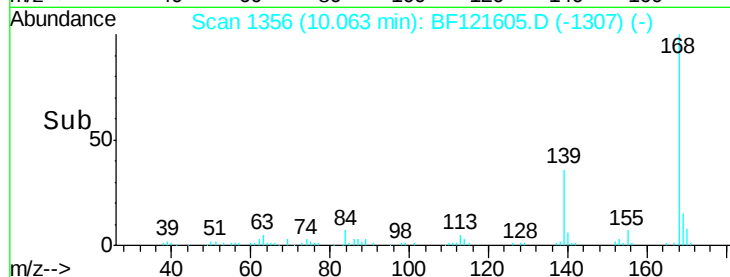
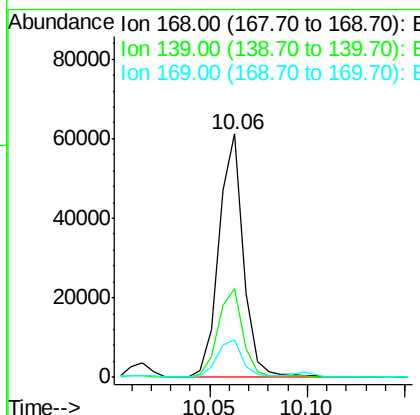
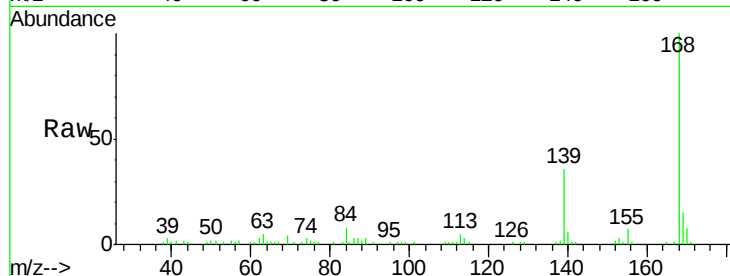




#55
Dibenzenofuran
Concen: 2.806 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

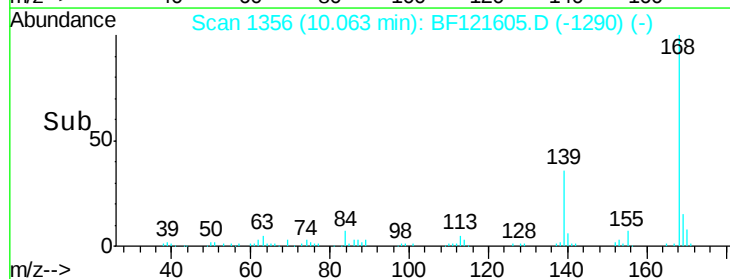
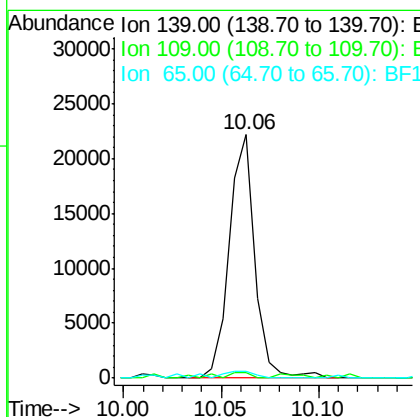
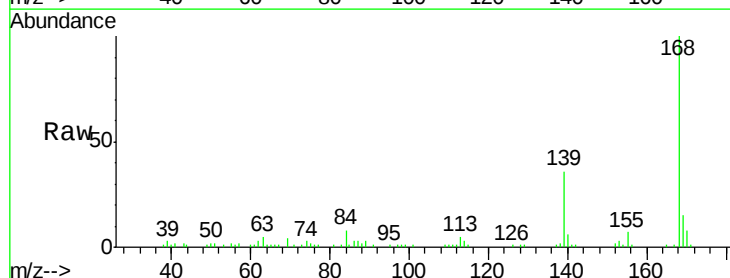
Instrument :
BNA_F
ClientSampleId :
PAV-091620-DP

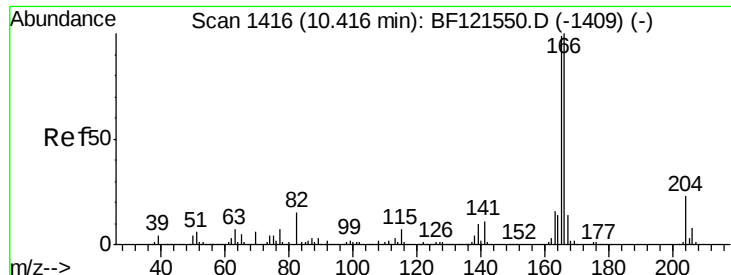
Tot Ion:168 Resp: 53141
Ion Ratio Lower Upper
168 100
139 36.3 31.4 47.0
169 15.3 11.9 17.9



#56
4-Nitrophenol
Concen: 6.436 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.09 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

Tgt Ion:139 Resp: 20160
Ion Ratio Lower Upper
139 100
109 2.1 48.8 88.8#
65 2.8 83.6 123.6#





#58

Fluorene

Concen: 4.166 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

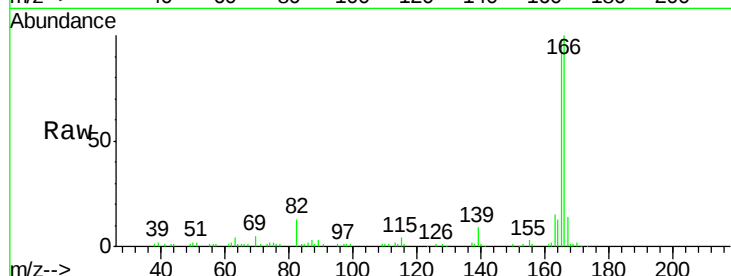
Tot Ion:166 Resp: 60339

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.4

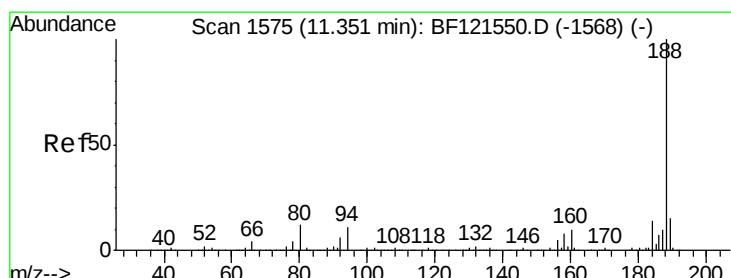
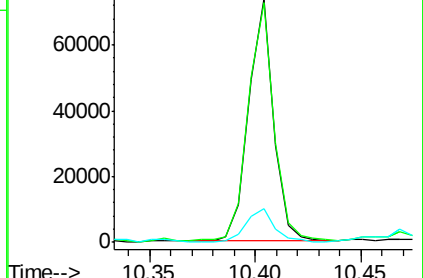
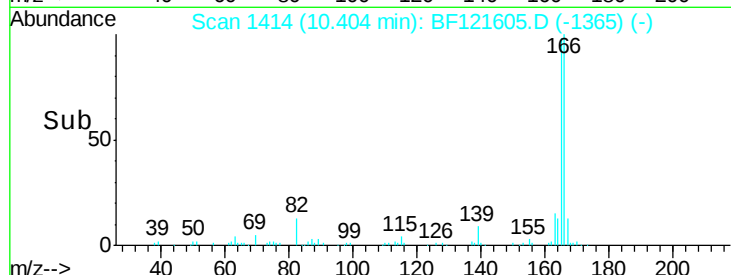
167 14.0 11.0 16.6



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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

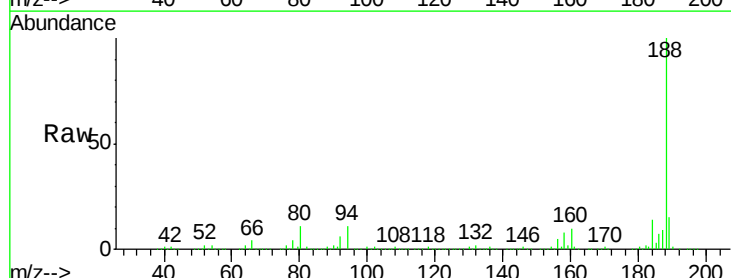
Tgt Ion:188 Resp: 335497

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

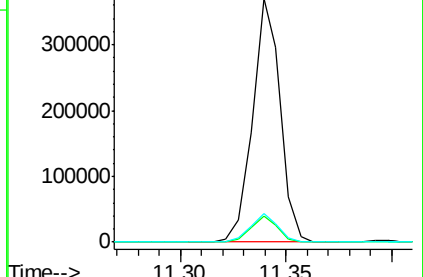
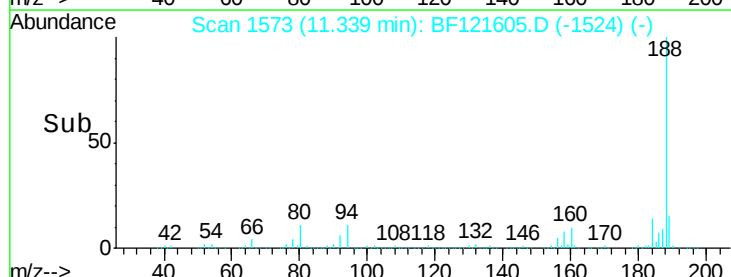
80 11.5 9.3 13.9

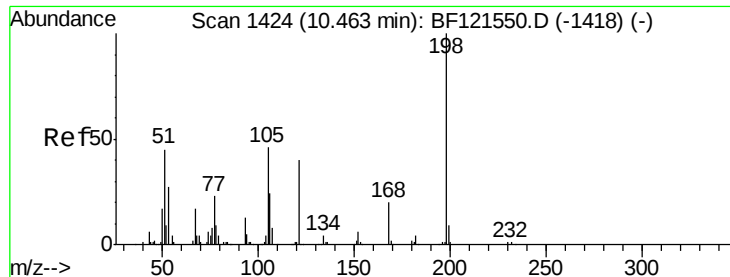


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

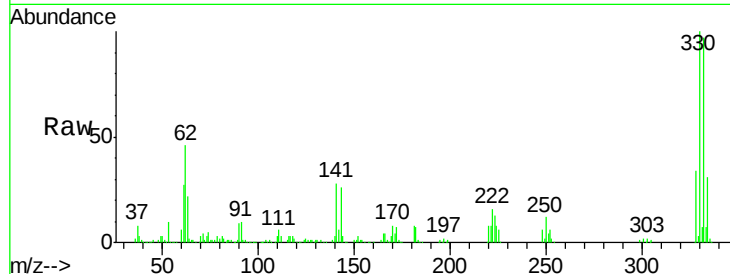




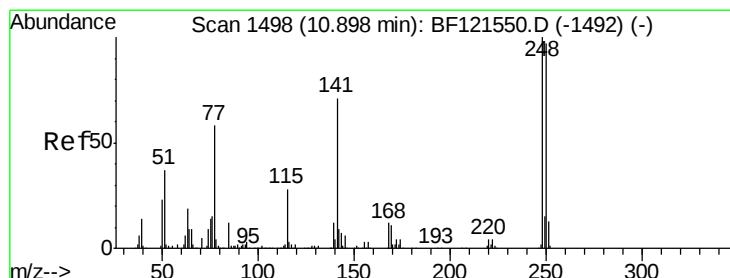
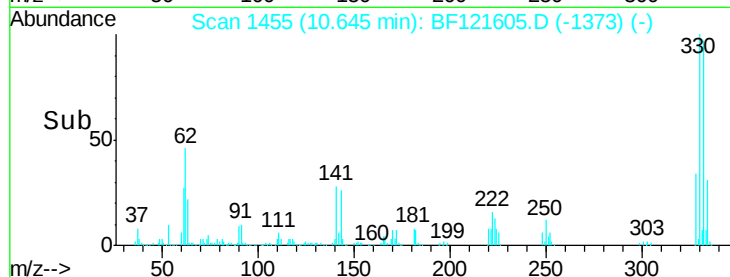
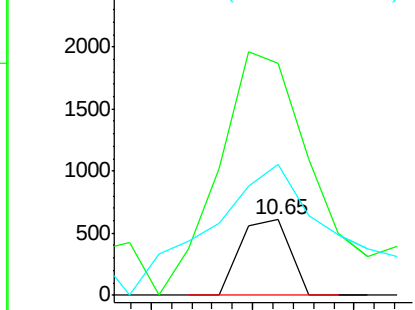
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.024 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.18 min
 Lab File: BF121605.D
 Acq: 17 Sep 2020 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PAV-091620-DP

Tot Ion:198 Resp: 414
 Ion Ratio Lower Upper
 198 100
 51 305.7 31.1 71.1#
 105 173.1 26.6 66.6#

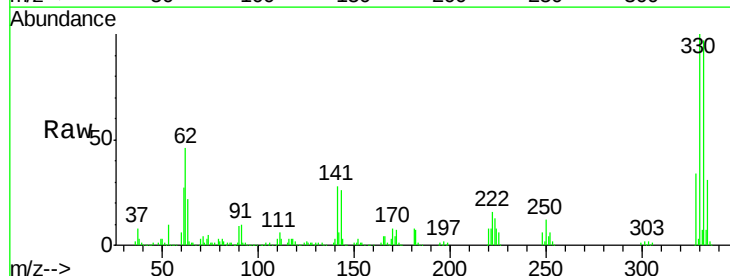


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

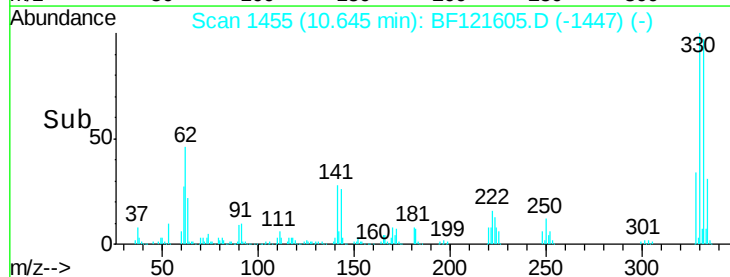
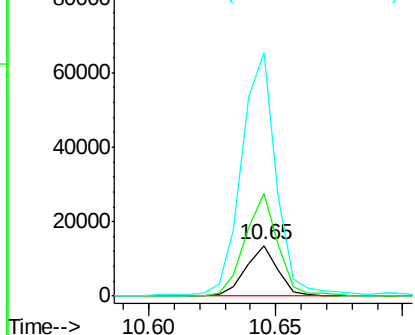


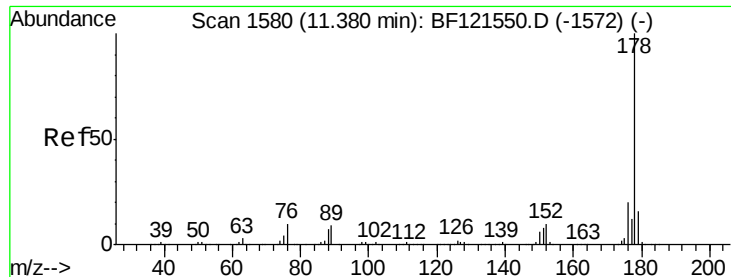
#67
 4-Bromophenyl-phenylether
 Concen: 3.147 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF121605.D
 Acq: 17 Sep 2020 19:25

Tgt Ion:248 Resp: 12019
 Ion Ratio Lower Upper
 248 100
 250 203.8 77.4 116.0#
 141 482.2 56.7 85.1#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 28.572 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

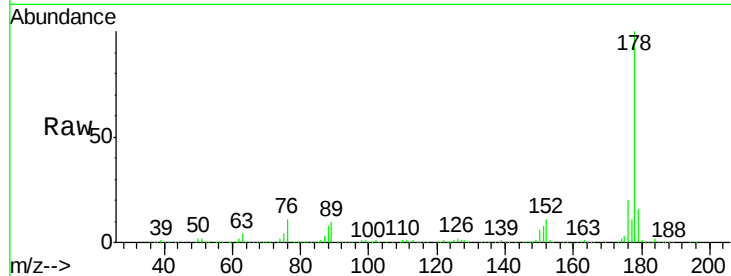
Tot Ion:178 Resp: 522278

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

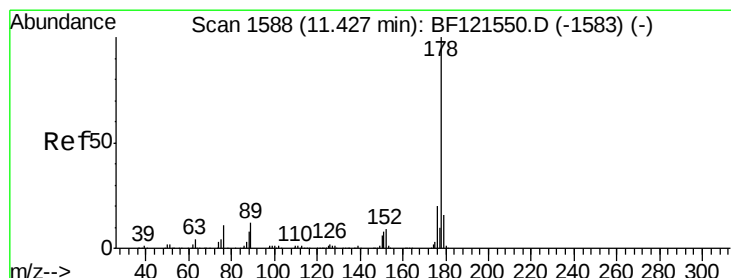
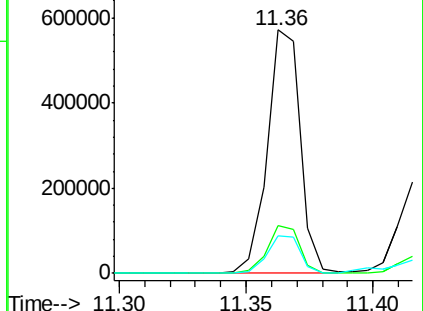
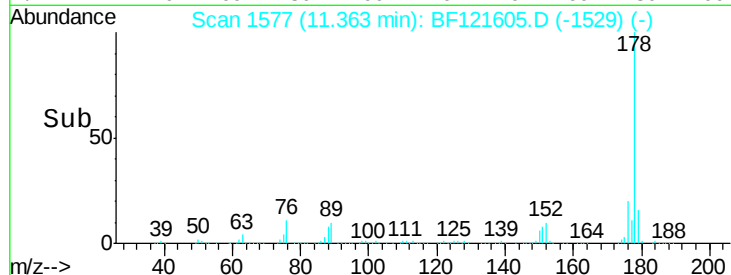
179 15.5 12.6 19.0



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: 8.656 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

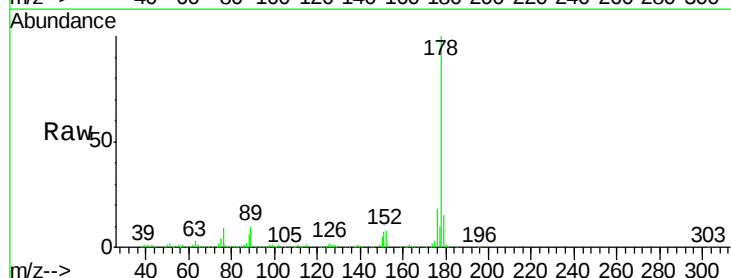
Tgt Ion:178 Resp: 163289

Ion Ratio Lower Upper

178 100

176 18.0 15.7 23.5

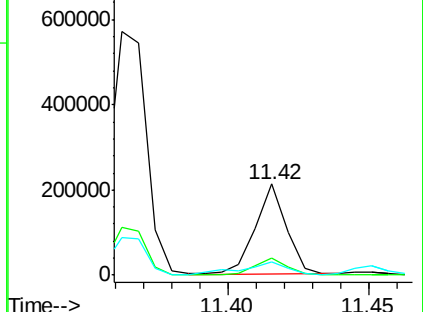
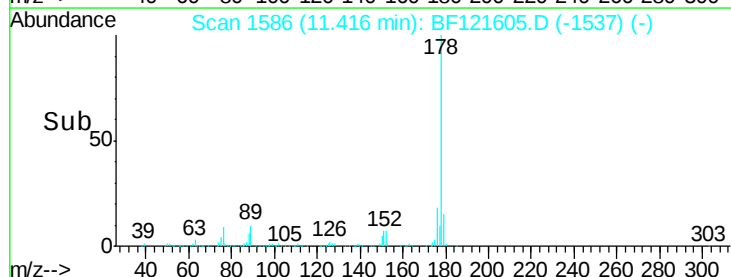
179 14.9 12.8 19.2

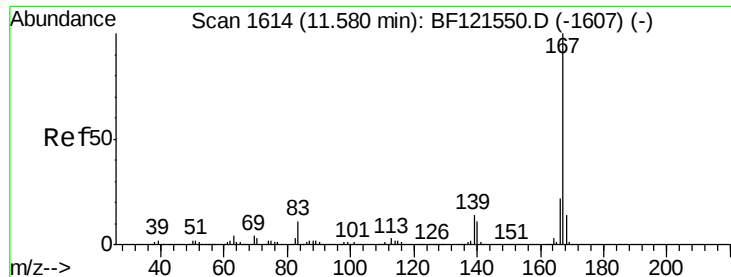


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

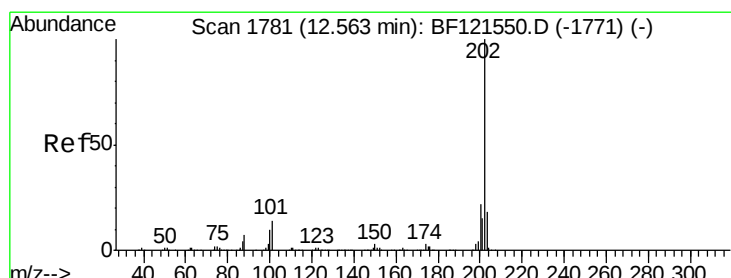
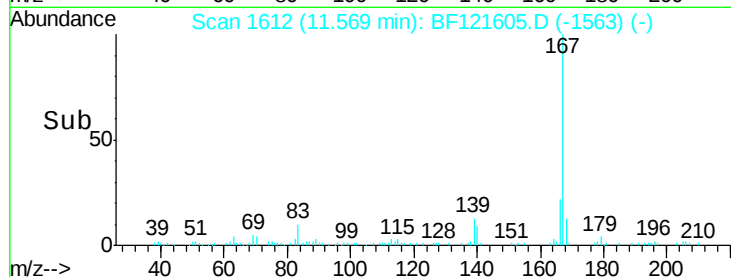
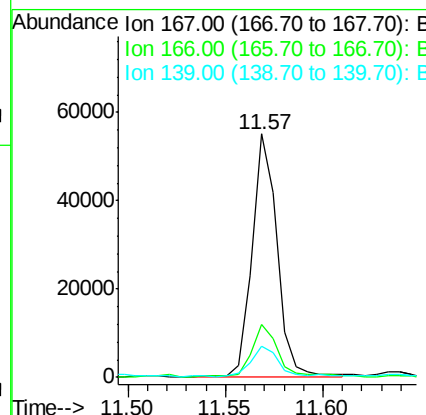
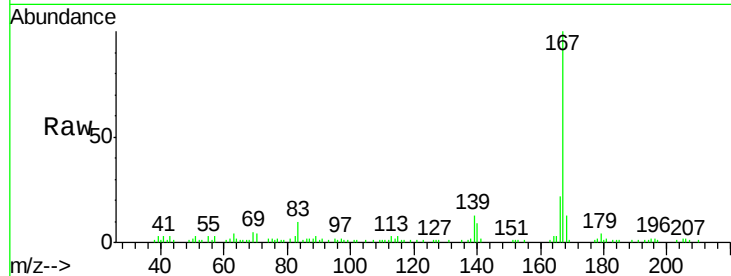




#73
 Carbazole
 Concen: 2.895 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF121605.D
 Acq: 17 Sep 2020 19:25

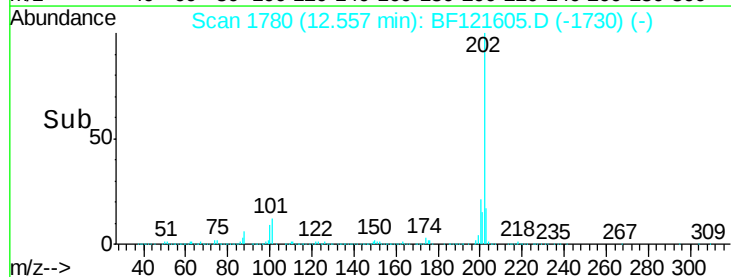
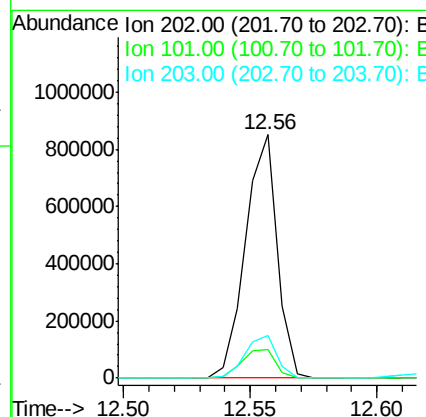
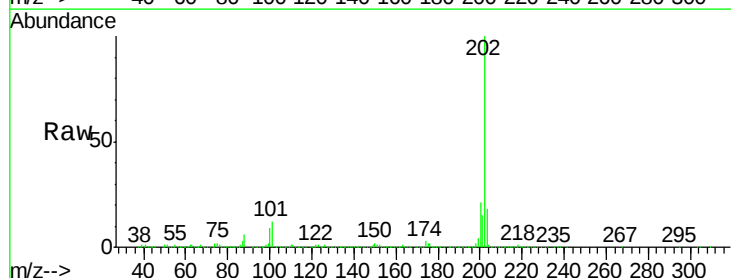
Instrument :
 BNA_F
 ClientSampleId :
 PAV-091620-DP

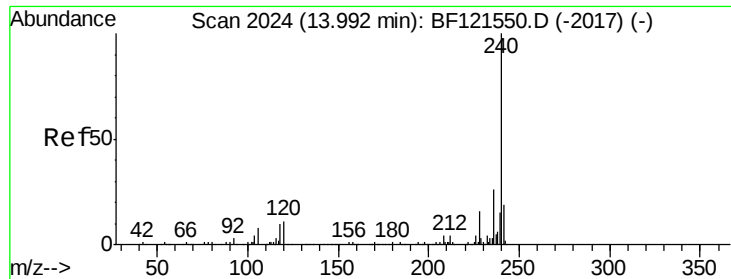
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.6	11.2	16.8



#75
 Fluoranthene
 Concen: 37.843 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF121605.D
 Acq: 17 Sep 2020 19:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.0
203	17.5	0.0	38.2

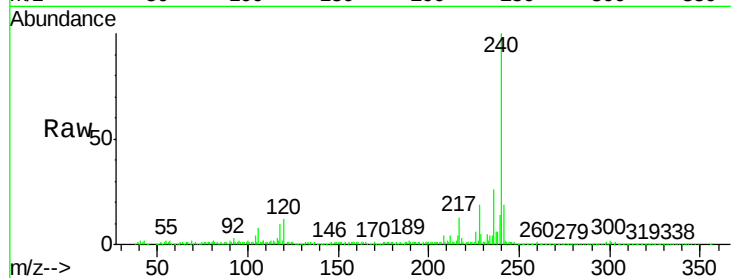




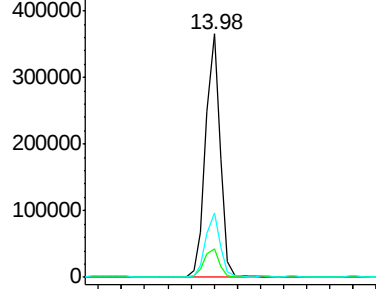
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

Instrument :
BNA_F
ClientSampleId :
PAV-091620-DP

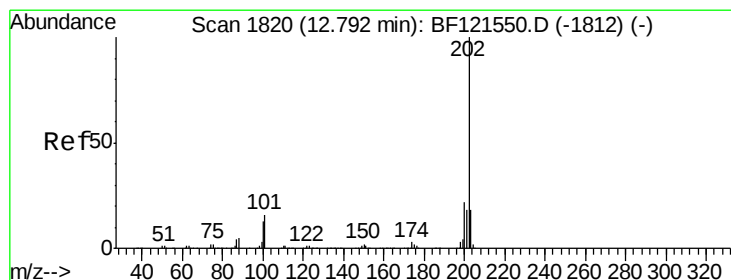
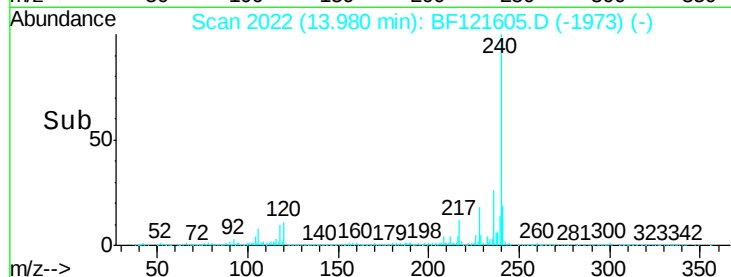
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	26.2	20.5	30.7



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

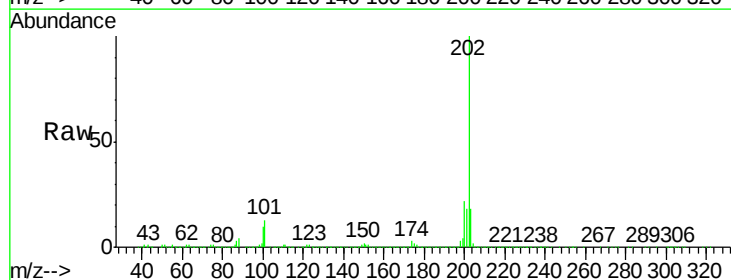


Time-->

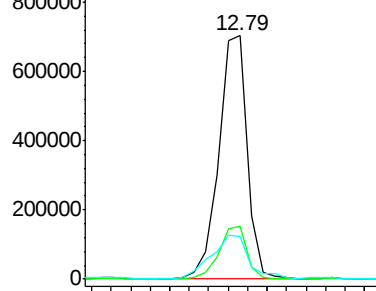


#78
Pyrene
Concen: 30.501 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

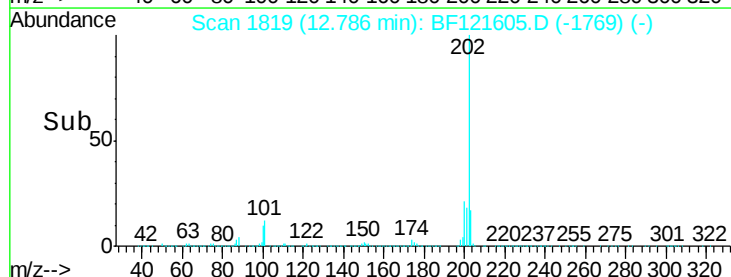
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.8
203	17.7	14.6	22.0

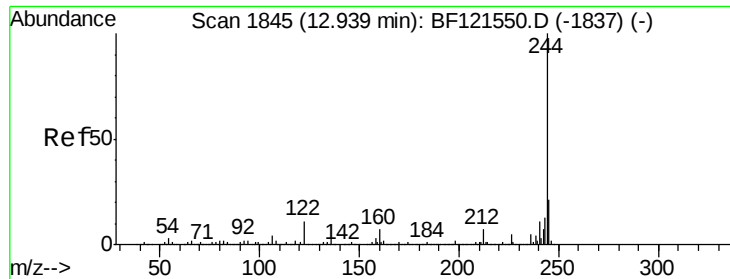


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 55.670 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

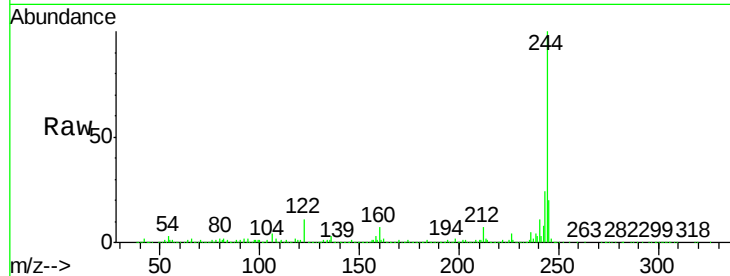
Tot Ion:244 Resp: 871783

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

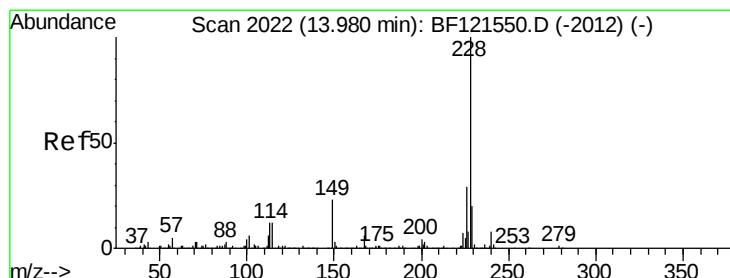
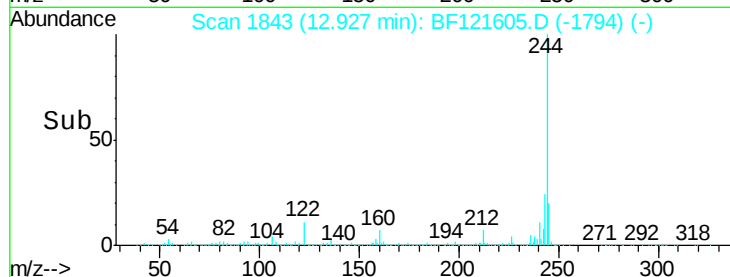
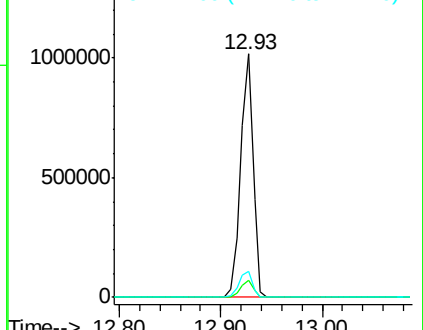
122 10.9 8.7 13.1



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: 19.145 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

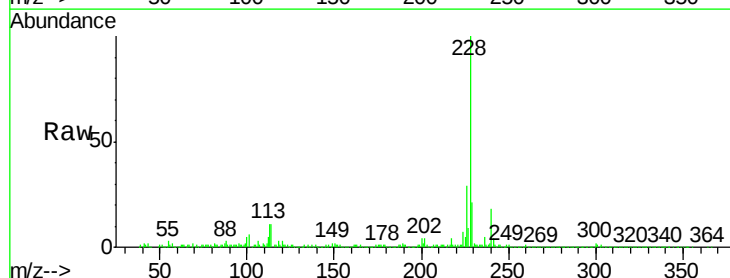
Tgt Ion:228 Resp: 384254

Ion Ratio Lower Upper

228 100

226 28.5 22.9 34.3

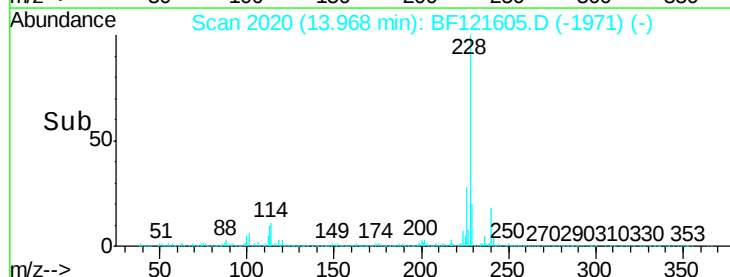
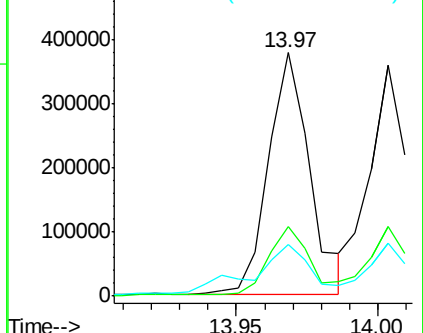
229 21.2 16.3 24.5

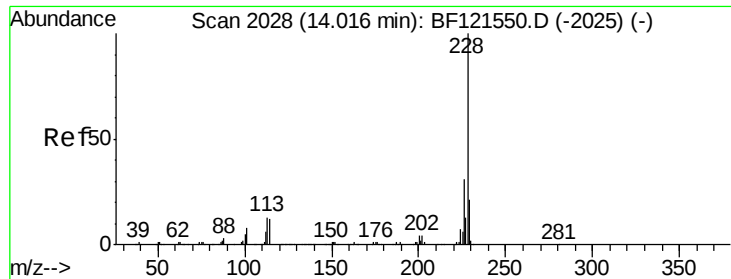


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 15.870 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

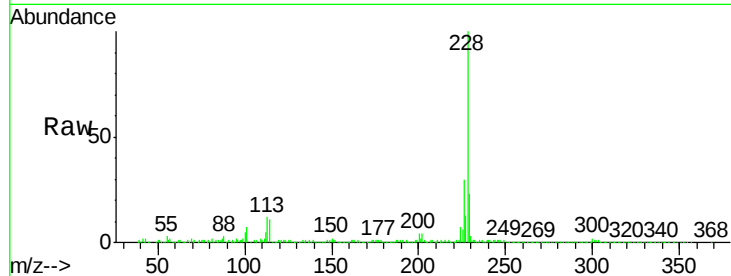
Tot Ion:228 Resp: 322554

Ion Ratio Lower Upper

228 100

226 30.1 25.1 37.7

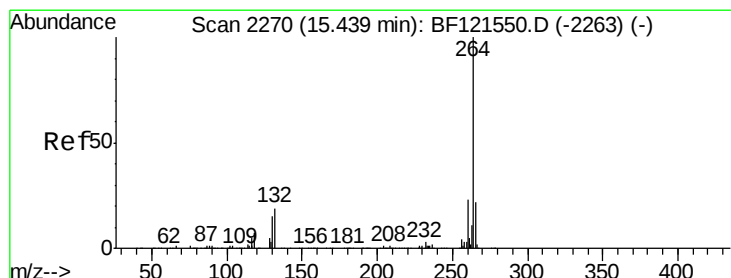
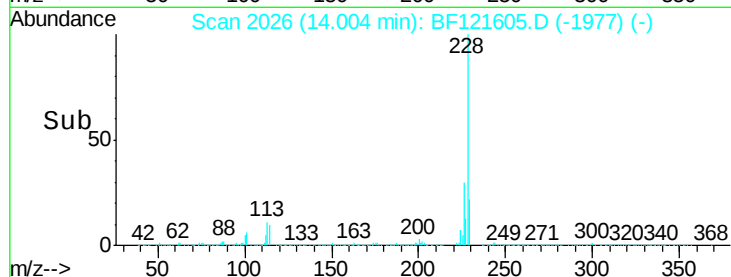
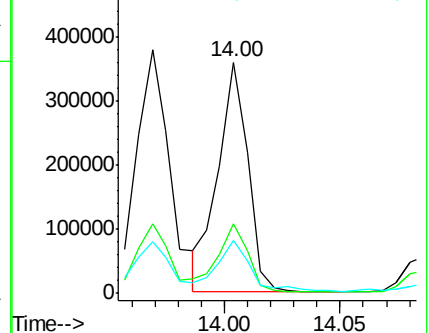
229 22.9 16.6 25.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

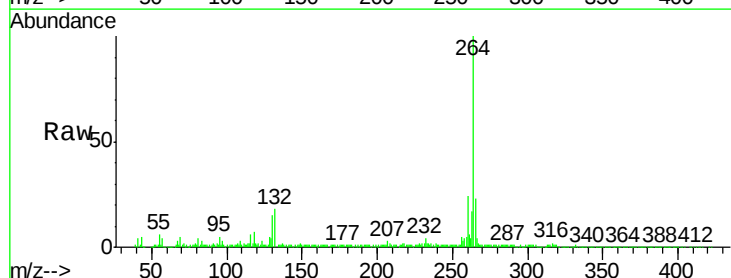
Tgt Ion:264 Resp: 341048

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

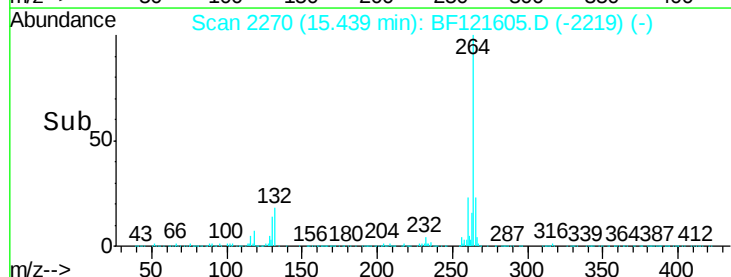
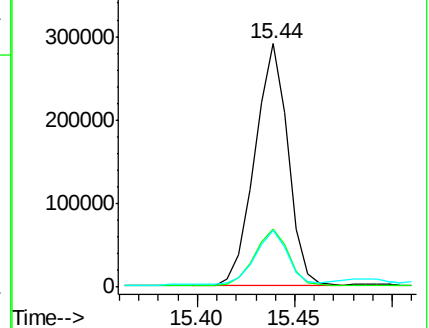
265 23.4 17.8 26.6

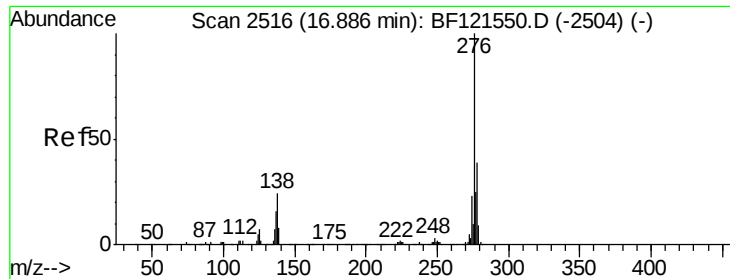


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.001 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.16 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

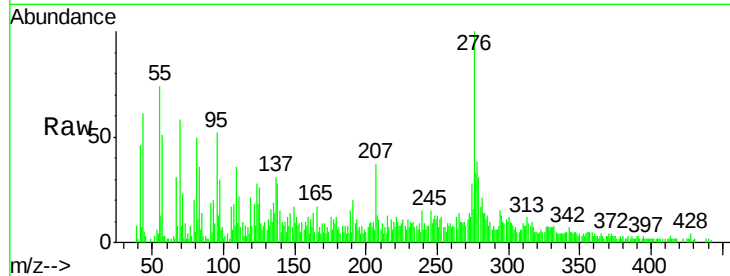
Tot Ion:276 Resp: 44452

Ion Ratio Lower Upper

276 100

138 22.2 20.6 31.0

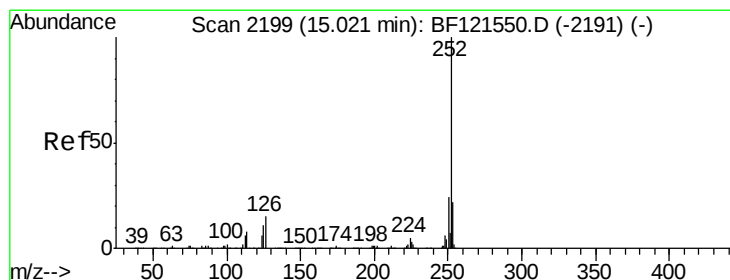
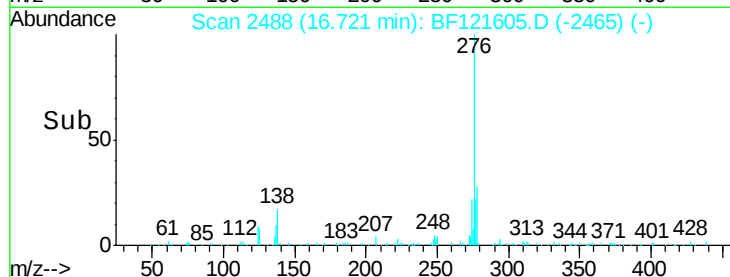
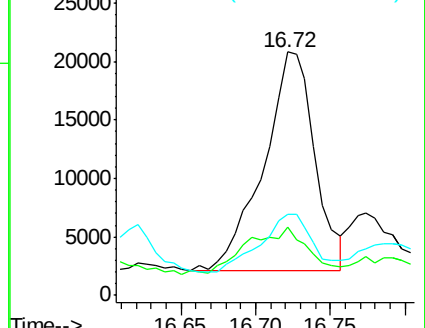
277 26.8 20.2 30.4



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



#88

Benzo(b)fluoranthene

Concen: 28.477 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

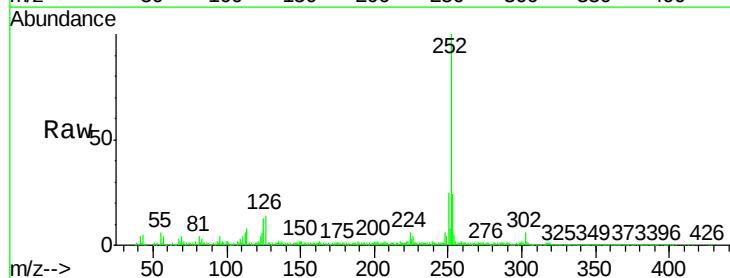
Tgt Ion:252 Resp: 649257

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

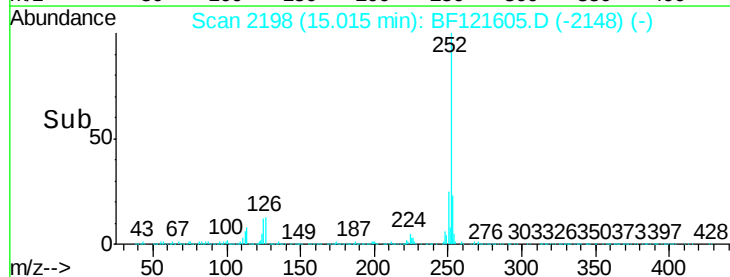
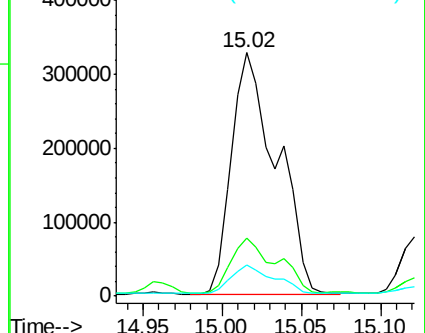
125 12.6 9.2 13.8

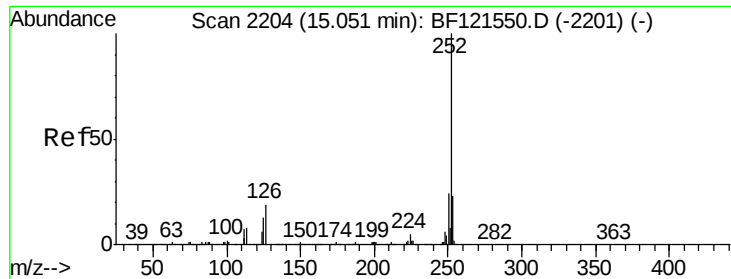


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

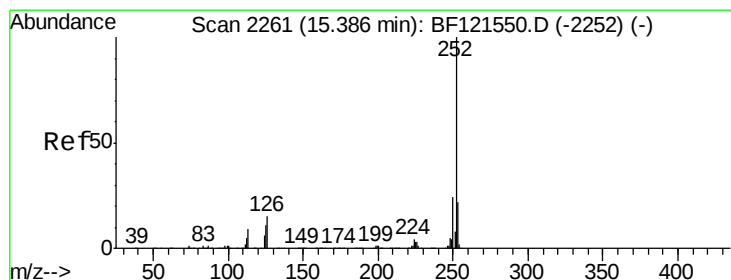
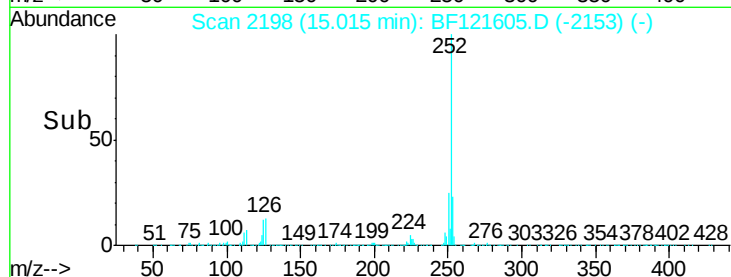
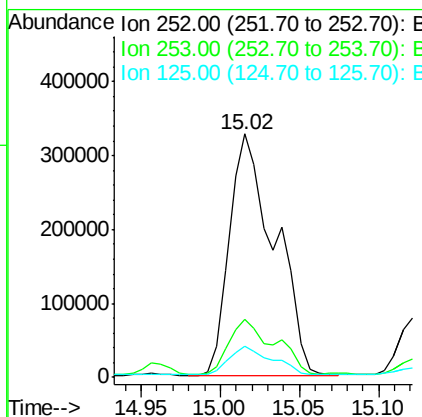
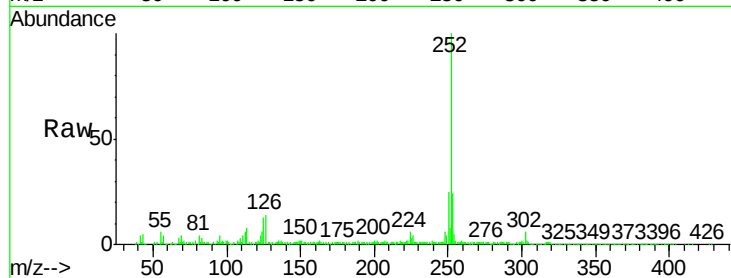




#89
Benzo(k)fluoranthene
Concen: 31.097 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

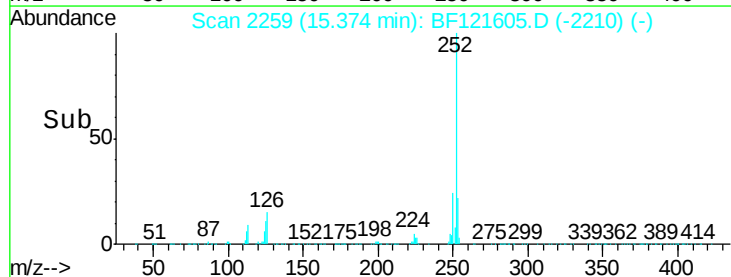
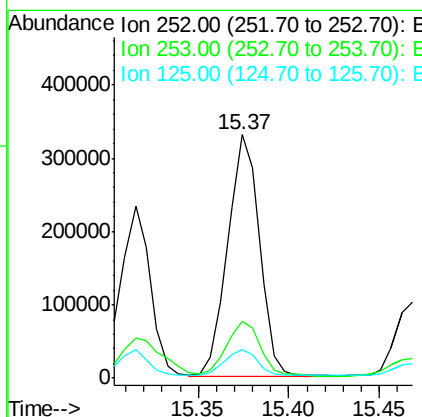
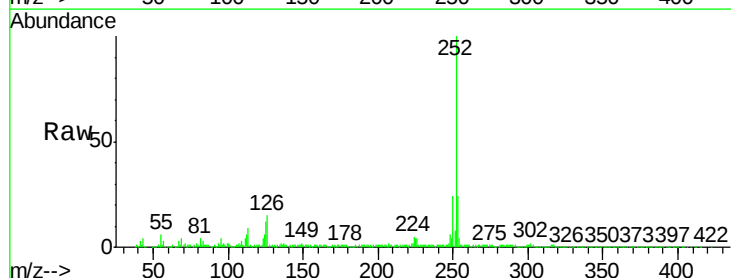
Instrument :
BNA_F
ClientSampleId :
PAV-091620-DP

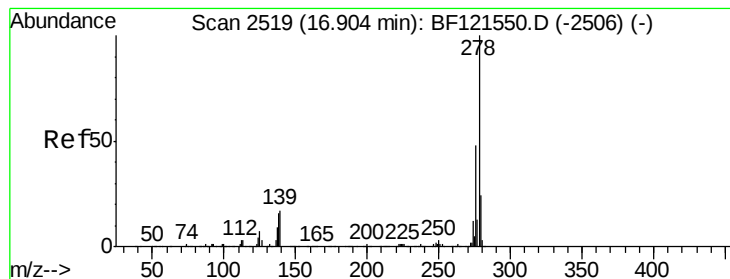
Tot Ion:252 Resp: 649257
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 12.6 9.8 14.6



#90
Benzo(a)pyrene
Concen: 20.635 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121605.D
Acq: 17 Sep 2020 19:25

Tgt Ion:252 Resp: 399916
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 12.0 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 3.357 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

PAV-091620-DP

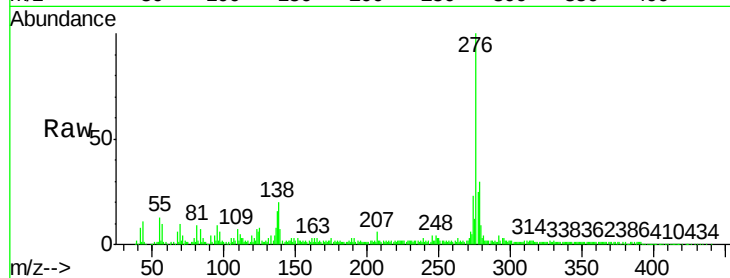
Tot Ion:278 Resp: 62071

Ion Ratio Lower Upper

278 100

139 22.2 13.9 20.9#

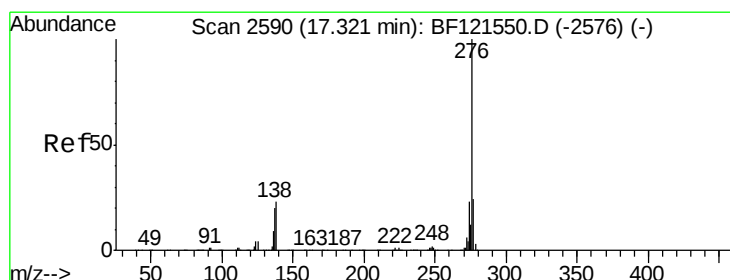
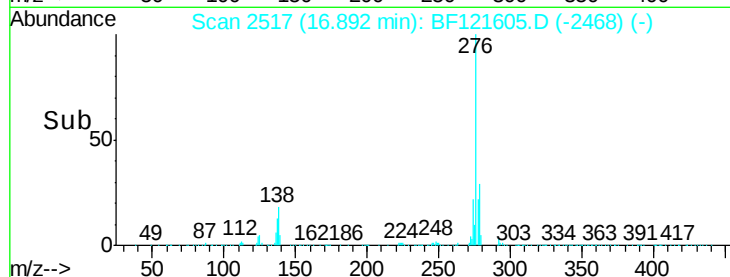
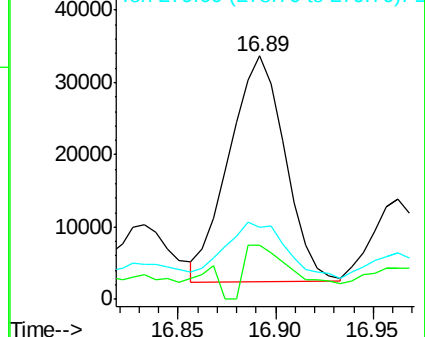
279 29.7 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 13.605 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

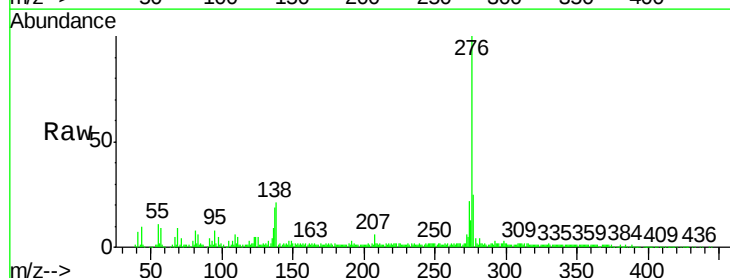
Tgt Ion:276 Resp: 247249

Ion Ratio Lower Upper

276 100

277 25.4 19.4 29.0

138 21.4 18.7 28.1



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

