

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121583.D
 Acq On : 15 Sep 2020 18:02
 Operator : JU/CG
 Sample : L4013-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

Quant Time: Sep 16 01:03:25 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	6.83	152	227340	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	883152	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	453691	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	794401	20.00	ng	0.00
76) Chrysene-d12	13.99	240	449692	20.00	ng	0.00
86) Perylene-d12	15.45	264	429405	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1238805	80.98	ng	0.02
7) Phenol-d6	6.47	99	1598600	79.65	ng	0.01
23) Nitrobenzene-d5	7.40	82	1120125	68.10	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	463091	82.13	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1849276	61.73	ng	0.00
79) Terphenyl-d14	12.94	244	1658063	74.70	ng	0.00

Target Compounds

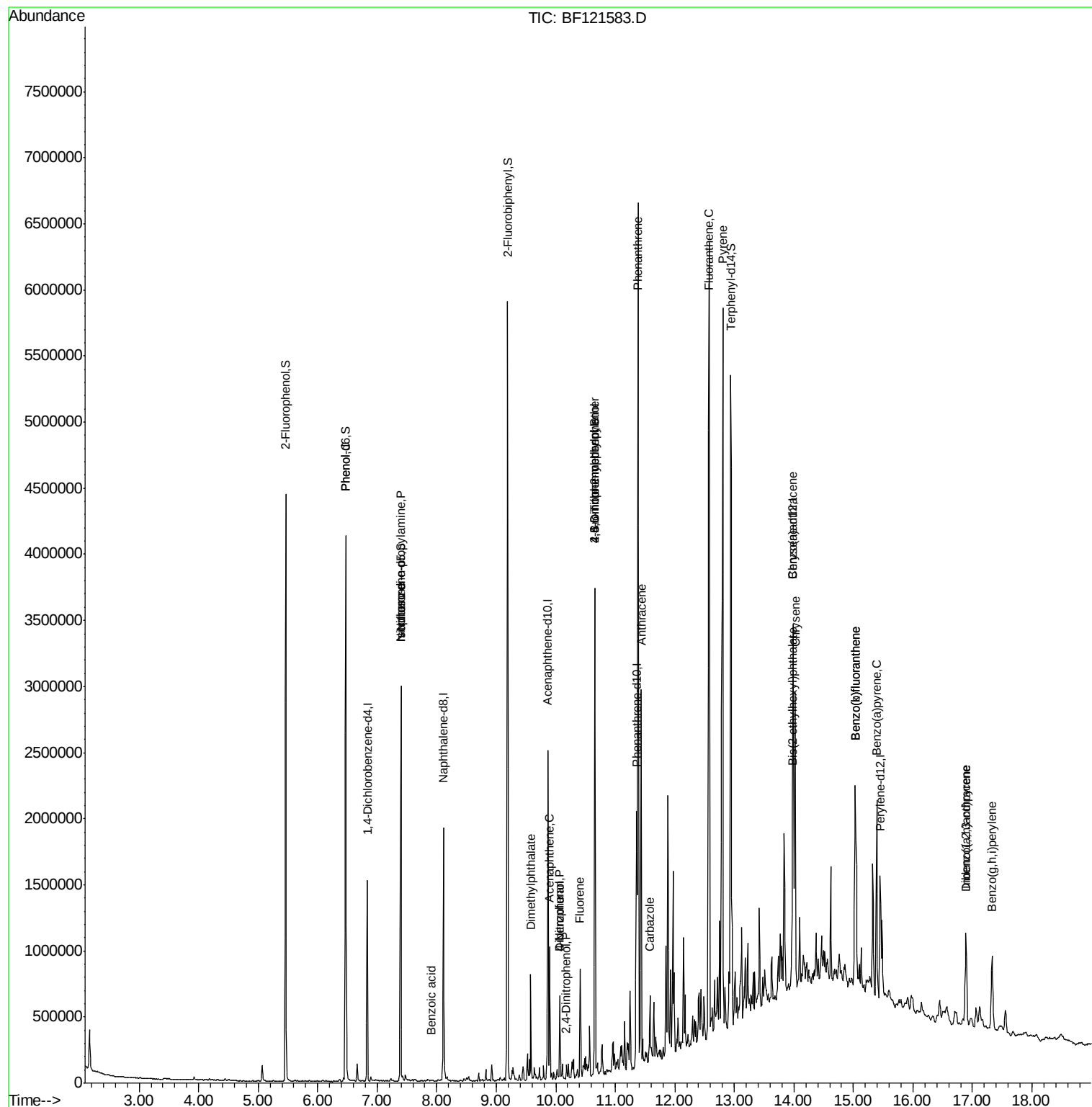
						Qvalue
10) Phenol	6.48	94	99186	4.641	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	152391	13.175	ng	# 80
25) Isophorone	7.40	82	1106716	33.424	ng	# 66
32) Benzoic acid	7.91	122	229	6.953	ng	# 39
50) Dimethylphthalate	9.58	163	270957	8.240	ng	99
52) Acenaphthene	9.90	154	189438	6.820	ng	99
54) 2,4-Dinitrophenol	10.16	184	106	9.071	ng	# 21
55) Dibenzofuran	10.07	168	184541	4.718	ng	99
56) 4-Nitrophenol	10.07	139	69877	10.801	ng	# 7
58) Fluorene	10.42	166	223197	7.461	ng	99
65) 4,6-Dinitro-2-methylphenol	10.66	198	966	7.022	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	27119	2.998	ng	# 1
71) Phenanthrene	11.39	178	2881931	66.585	ng	98
72) Anthracene	11.43	178	1007824	22.564	ng	99
73) Carbazole	11.58	167	178536	4.429	ng	98
75) Fluoranthene	12.57	202	3074094	66.534	ng	98
78) Pyrene	12.80	202	2719569	82.773	ng	99
81) Benzo(a)anthracene	13.99	228	1050792	36.935	ng	100
83) Chrysene	14.02	228	871273	30.243	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	51829	2.920	ng	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	499943	17.878	ng	94
88) Benzo(b)fluoranthene	15.03	252	1232214	42.925	ng	99
89) Benzo(k)fluoranthene	15.03	252	1232214	46.875	ng	99
90) Benzo(a)pyrene	15.39	252	740970	30.366	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	114138	4.903	ng	96
92) Benzo(g,h,i)perylene	17.33	276	458701	20.046	ng	97

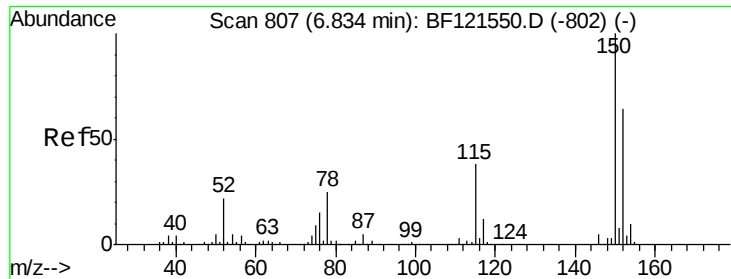
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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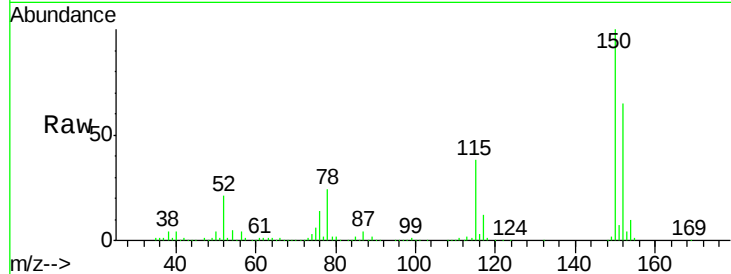


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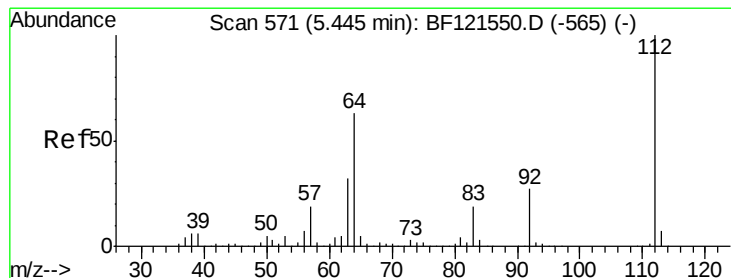
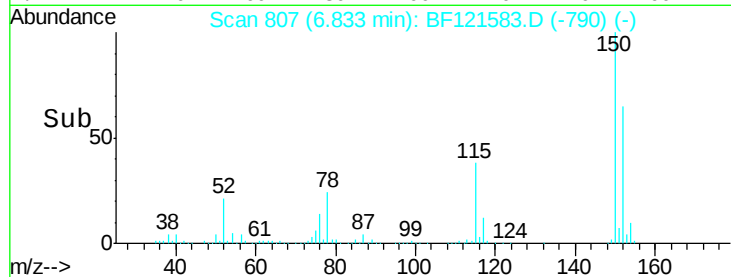
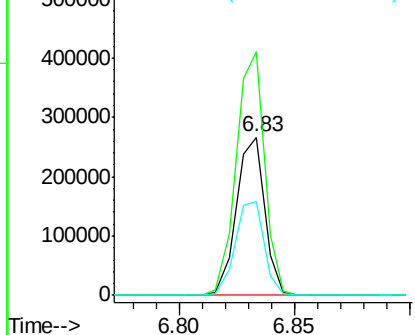
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

Tot Ion:152 Resp: 227340
Ion Ratio Lower Upper
152 100
150 153.9 125.8 188.6
115 59.1 47.8 71.8



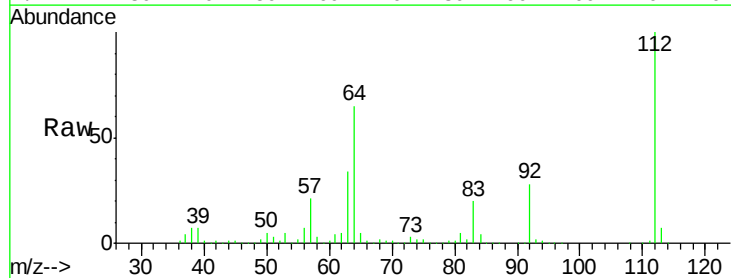
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



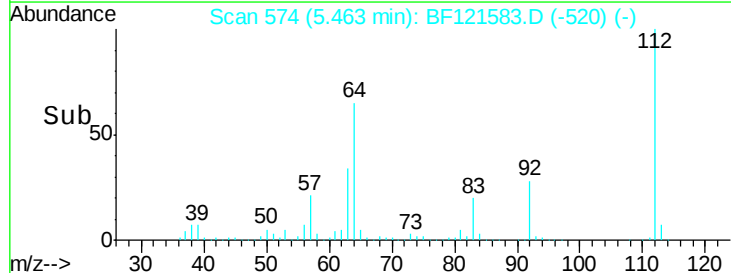
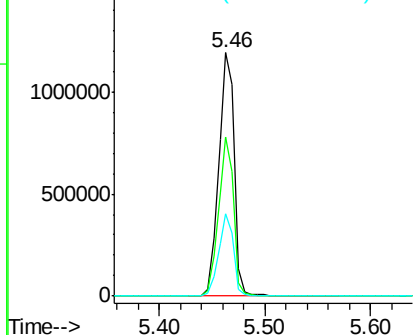
#5

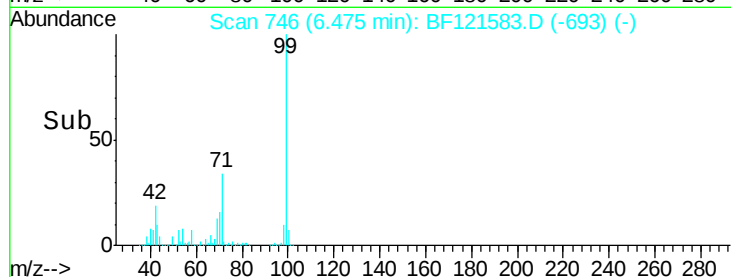
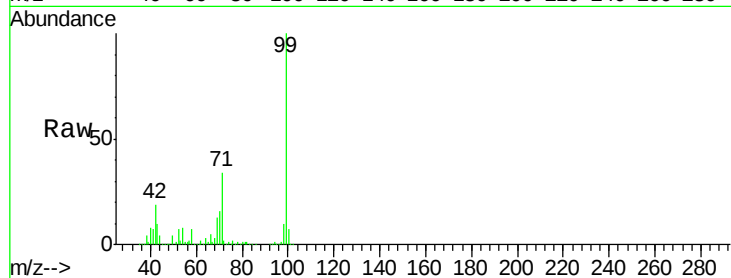
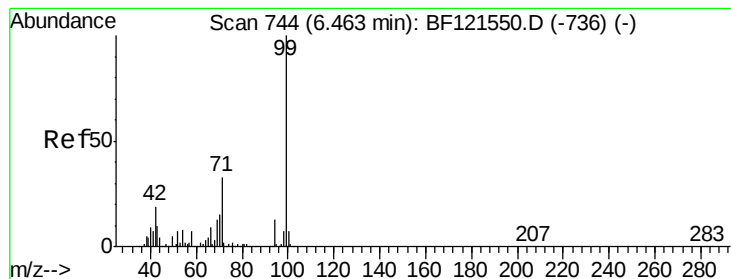
2-Fluorophenol
Concen: 80.981 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Tgt Ion:112 Resp: 1238805
Ion Ratio Lower Upper
112 100
64 65.2 50.3 75.5
63 33.7 25.6 38.4



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: 79.654 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

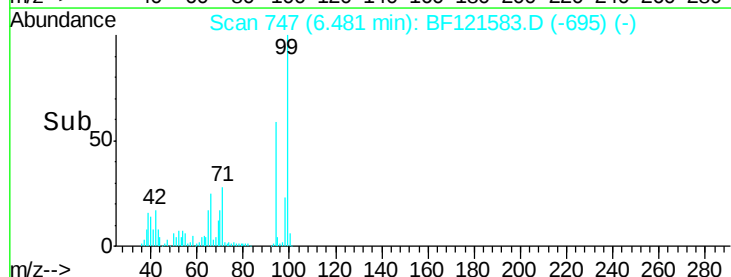
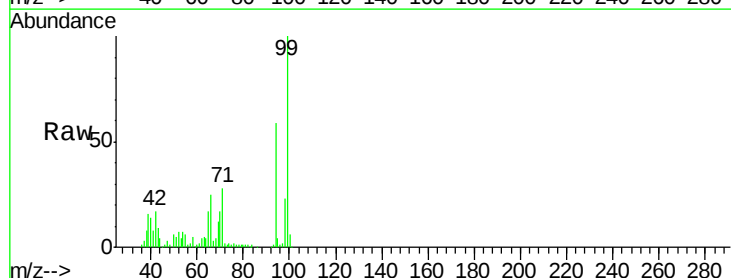
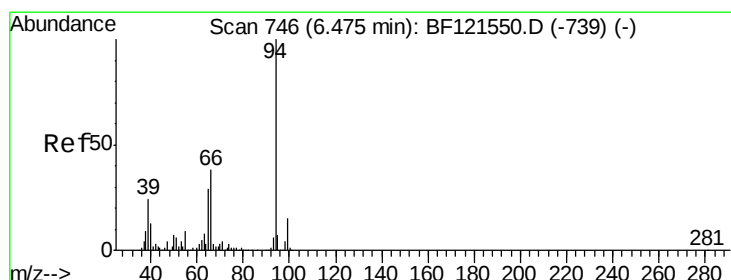
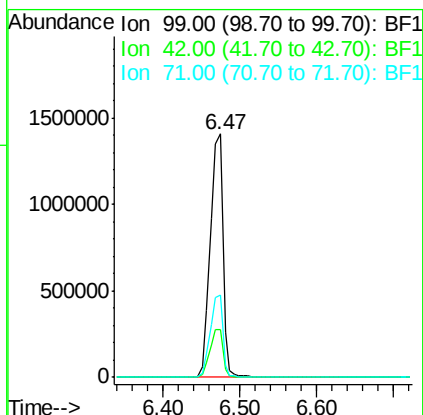
Tot Ion: 99 Resp: 1598600

Ion Ratio Lower Upper

99 100

42 19.5 15.5 23.3

71 33.7 26.1 39.1



#10

Phenol

Concen: 4.641 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

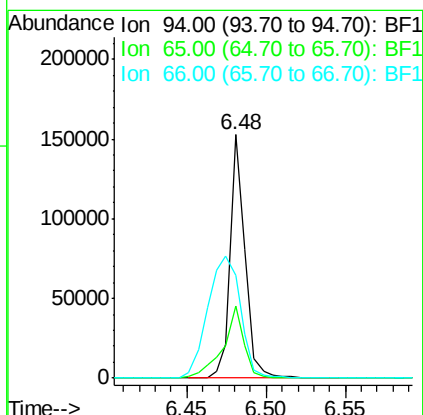
Tgt Ion: 94 Resp: 99186

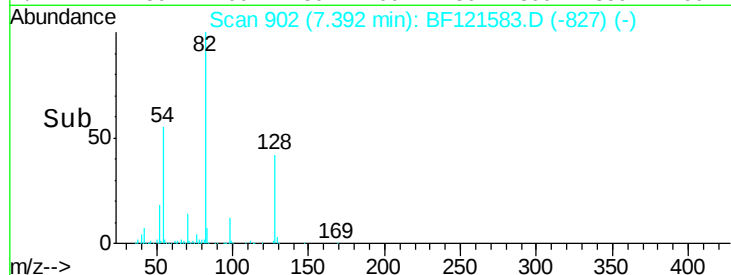
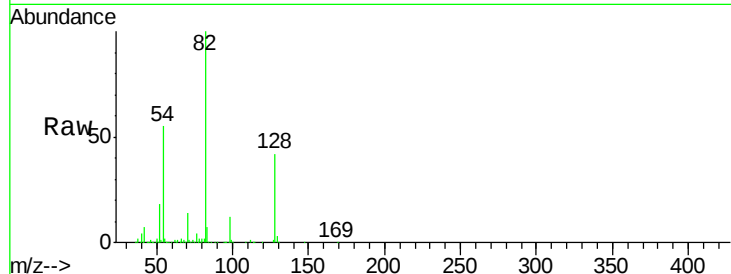
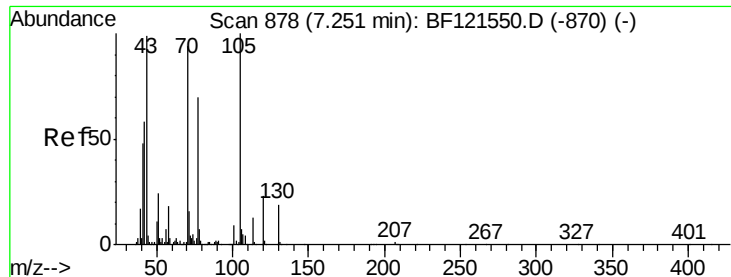
Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 42.3 18.3 58.3

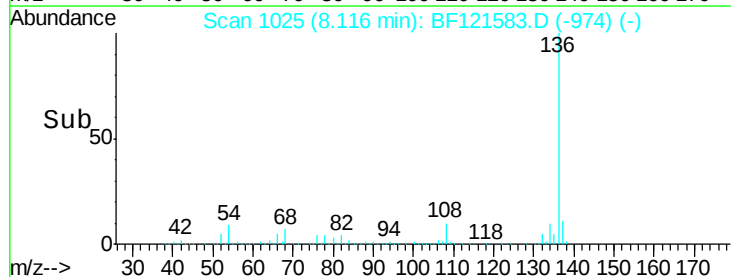
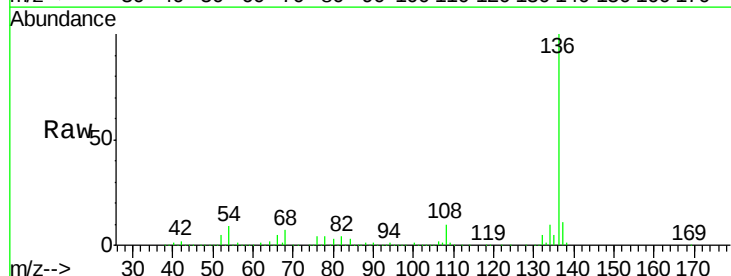
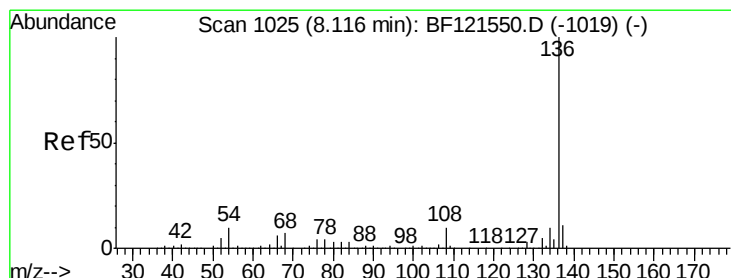
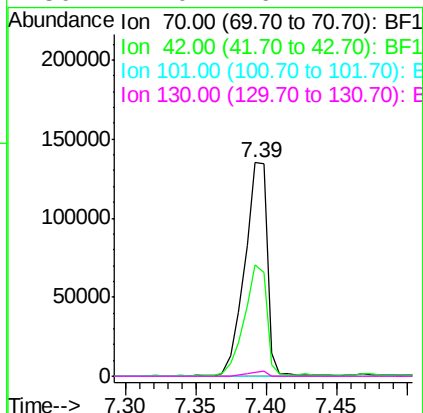




#19
n-Nitroso-di-n-propylamine
Concen: 13.175 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

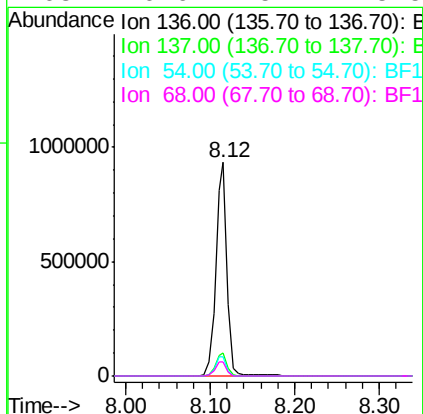
Instrument :
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PAV-B40-091420-10-15

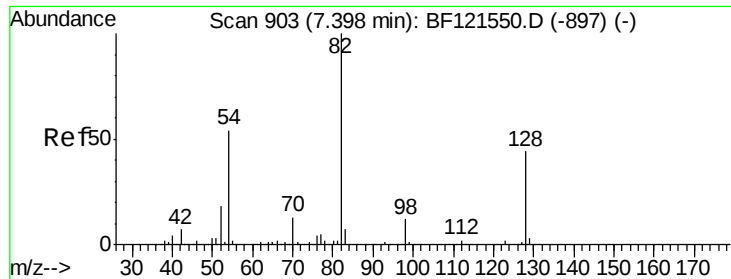
Tot Ion:	70	Resp:	152391
Ion	Ratio	Lower	Upper
70	100		
42	52.0	49.4	74.2
101	0.0	7.6	11.4#
130	2.0	16.2	24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Tgt Ion:	136	Resp:	883152
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.9	7.6	11.4
68	6.6	5.7	8.5

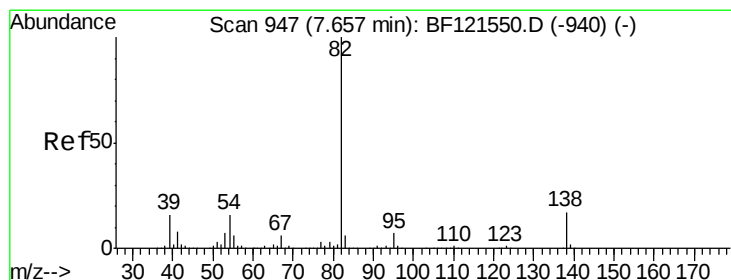
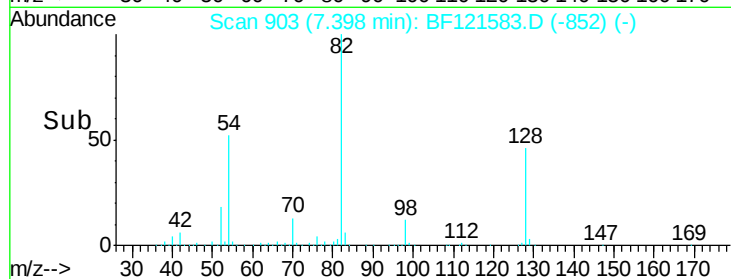
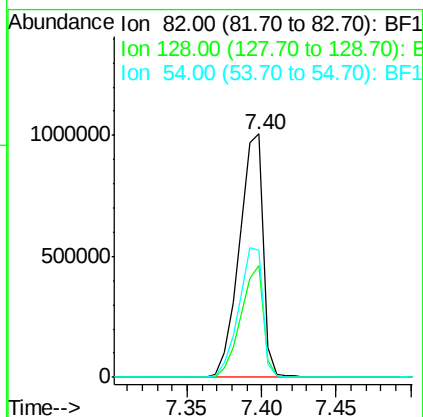
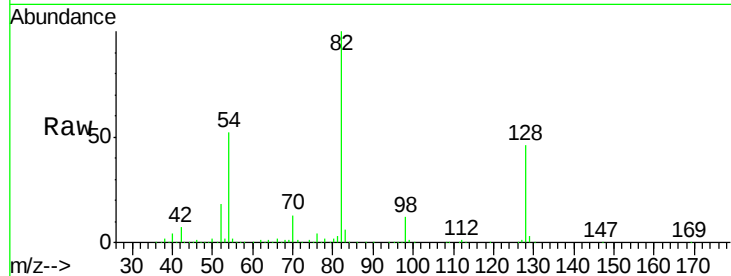




#23
Nitrobenzene-d5
Concen: 68.099 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

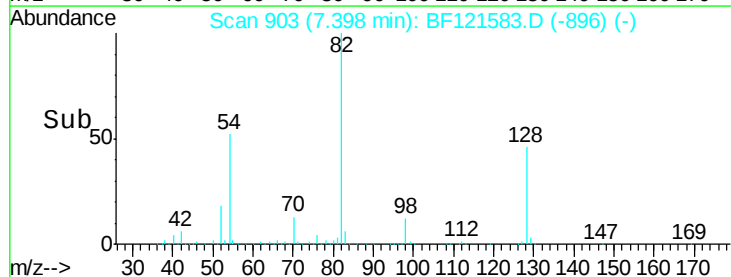
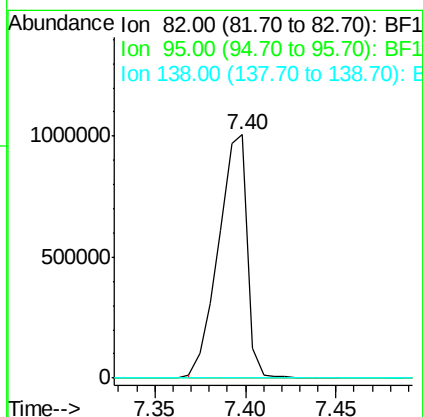
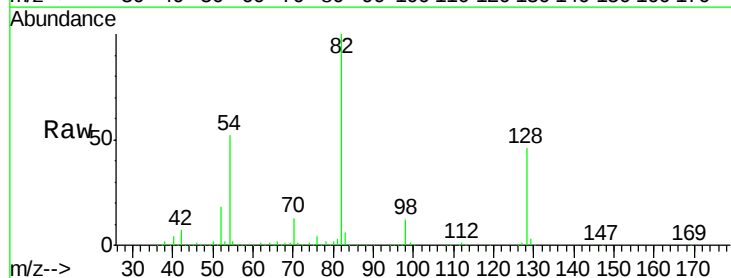
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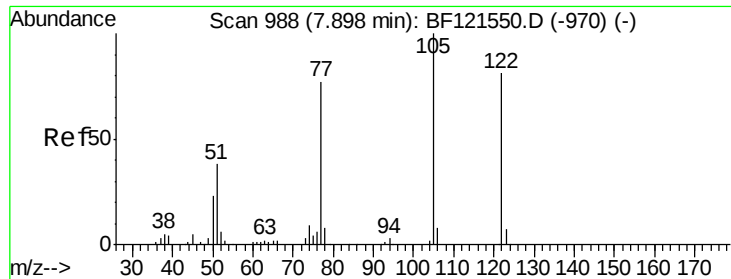
Tot Ion: 82 Resp: 1120125
Ion Ratio Lower Upper
82 100
128 45.9 35.1 52.7
54 52.3 43.0 64.6



#25
Isophorone
Concen: 33.424 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Tgt Ion: 82 Resp: 1106716
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.7 20.5#

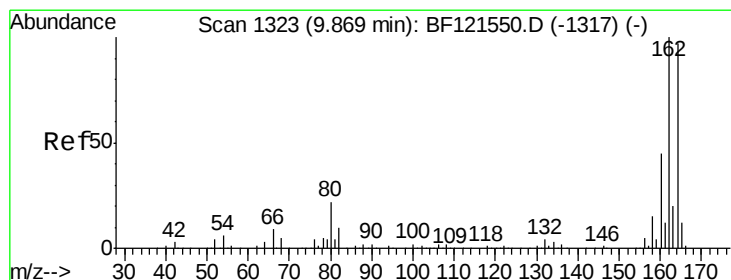
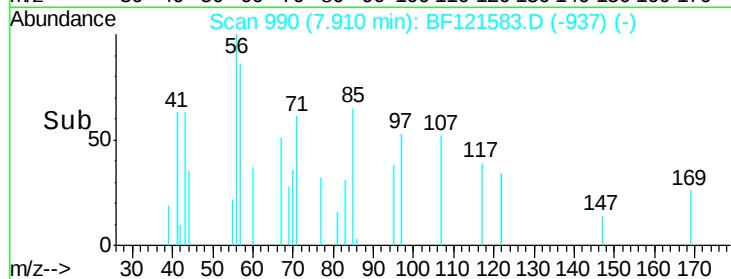
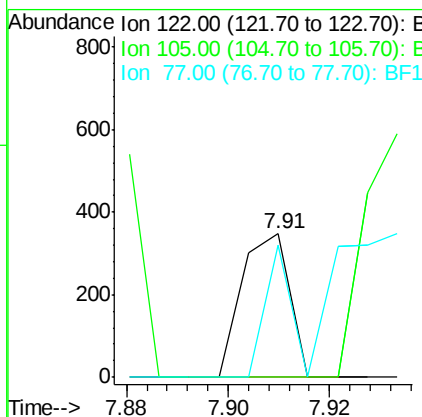
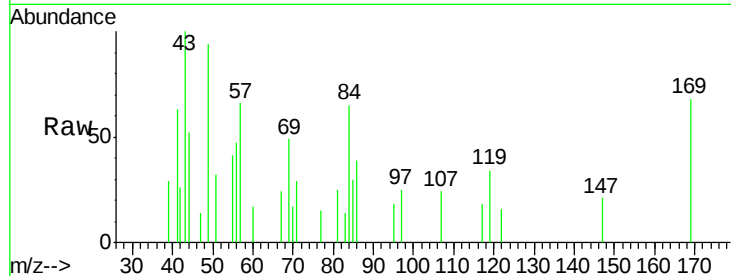




#32
Benzoic acid
Concen: 6.953 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

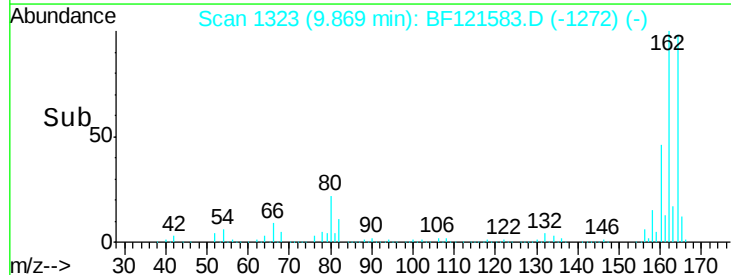
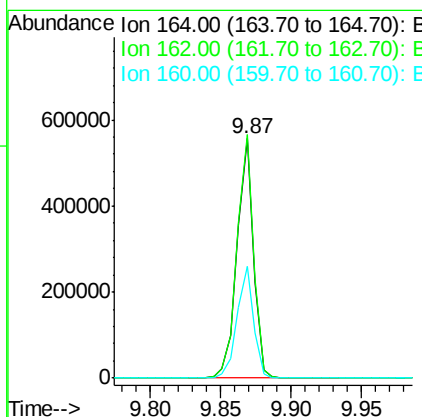
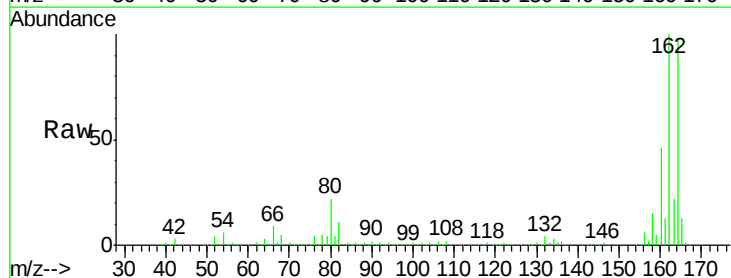
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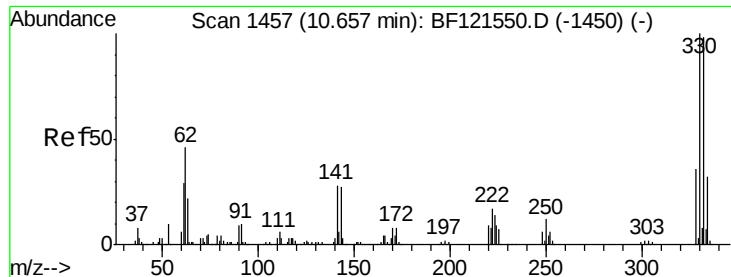
Tot Ion:122 Resp: 229
Ion Ratio Lower Upper
122 100
105 0.0 100.5 140.5#
77 91.9 72.6 112.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Tgt Ion:164 Resp: 453691
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 46.4 37.0 55.4

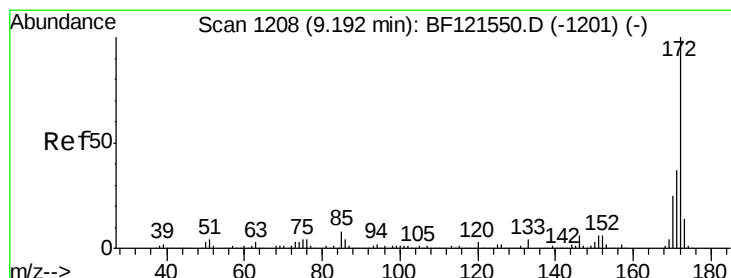
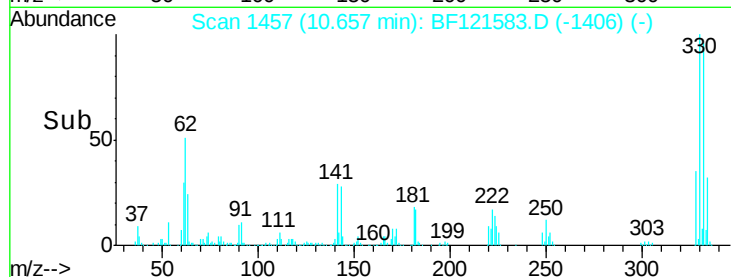
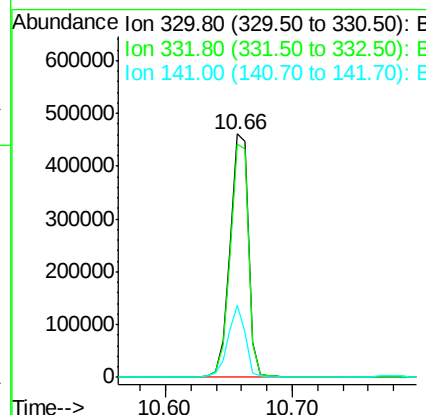
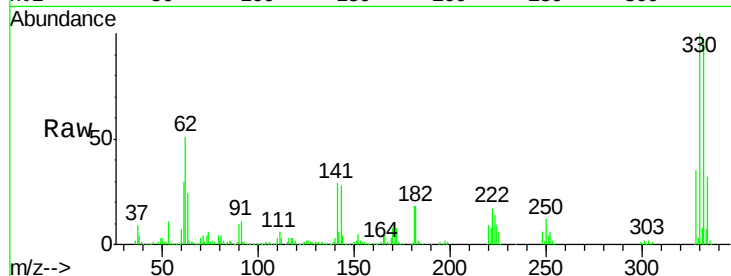




#42
 2,4,6-Tribromophenol
 Concen: 82.126 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF121583.D
 Acq: 15 Sep 2020 18:02

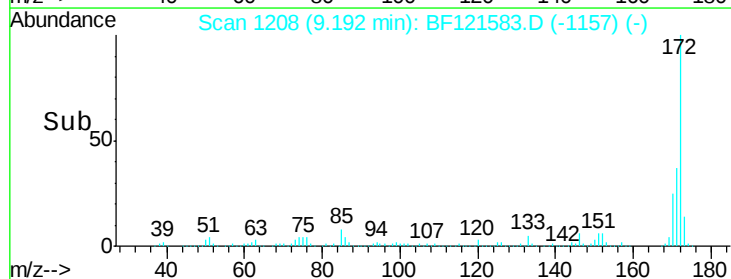
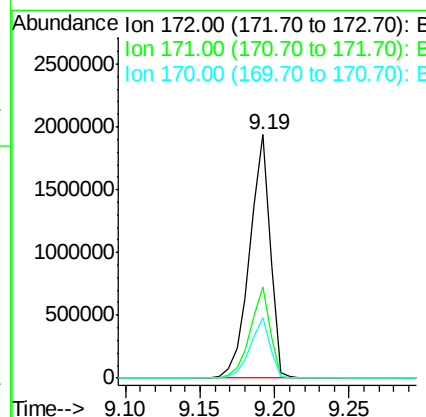
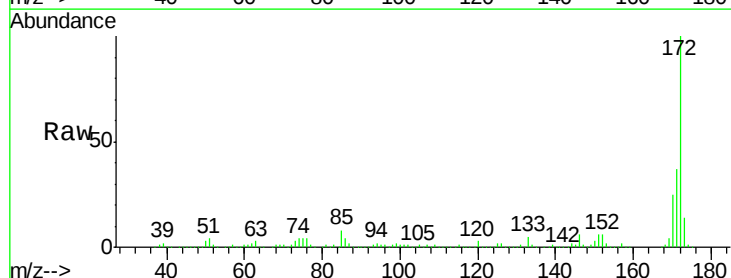
Instrument :
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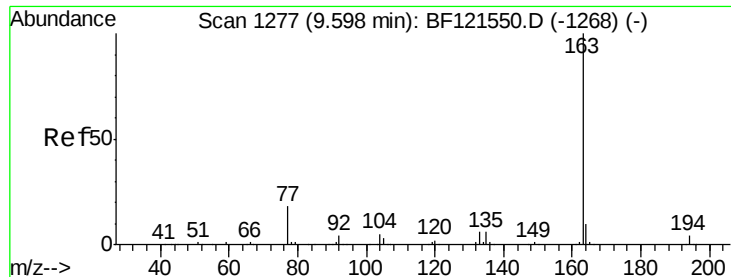
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	27.8	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 61.733 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF121583.D
 Acq: 15 Sep 2020 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.1	19.8	29.8





#50

Dimethylphthalate

Concen: 8.240 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

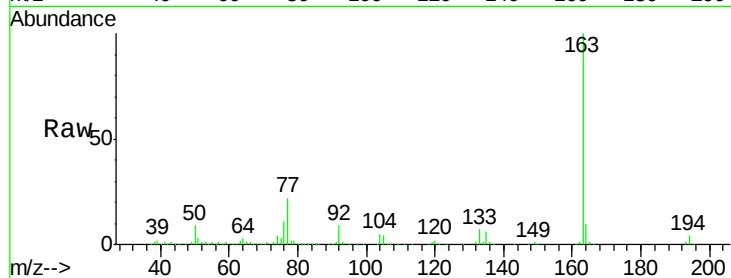
Tot Ion:163 Resp: 270957

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

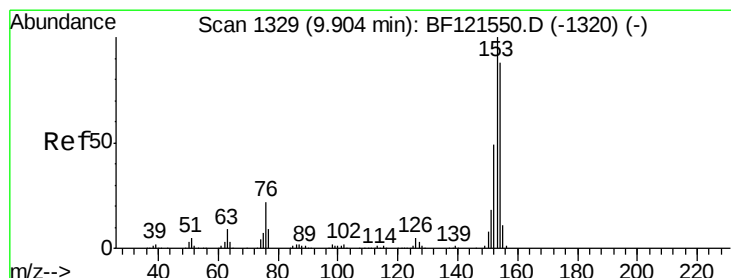
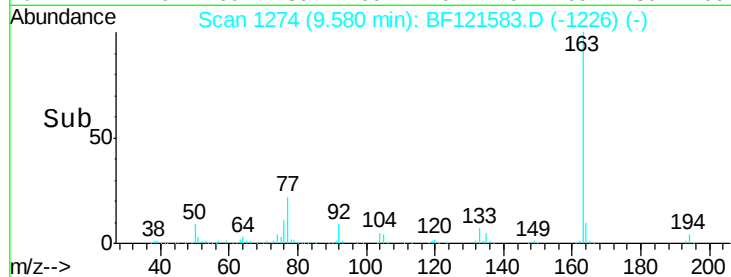
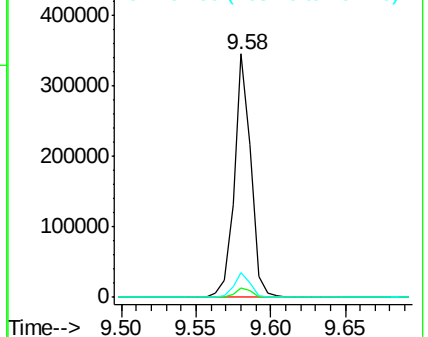
164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 6.820 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

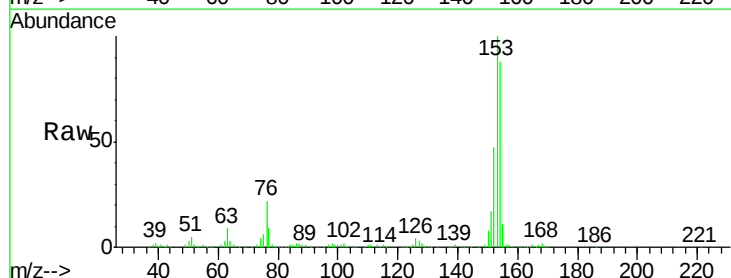
Tgt Ion:154 Resp: 189438

Ion Ratio Lower Upper

154 100

153 113.5 91.0 136.4

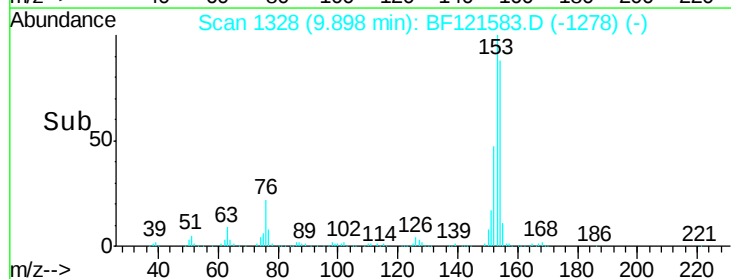
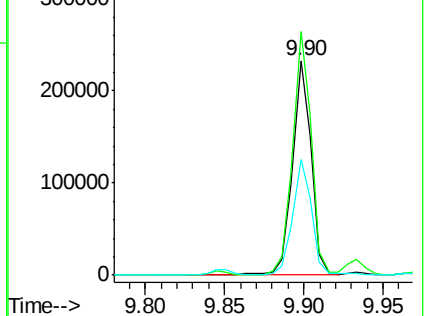
152 53.9 44.2 66.2

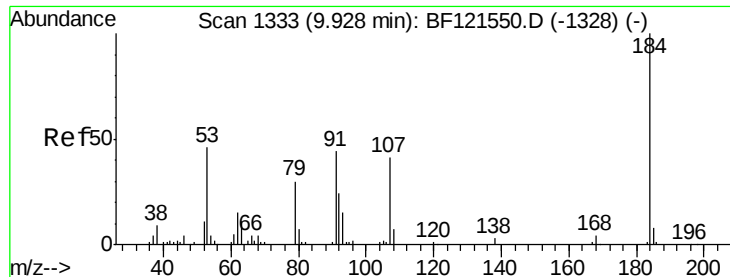


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

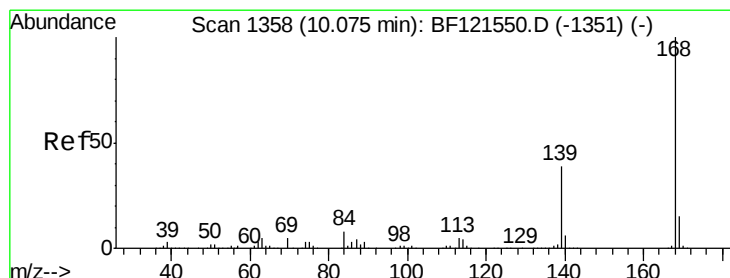
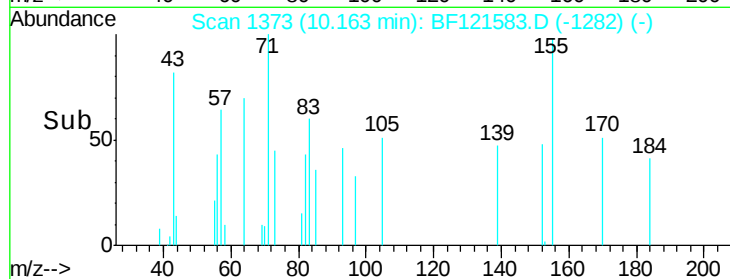
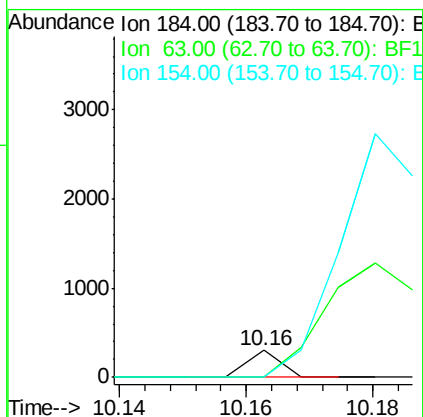
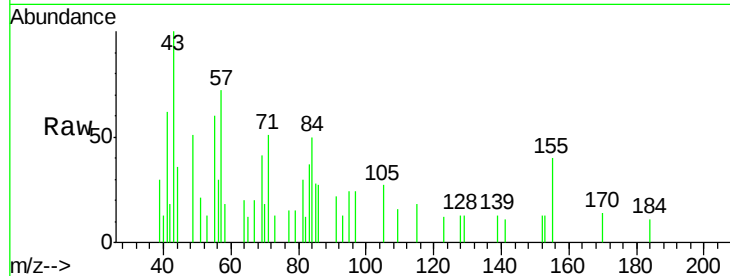




#54
 2,4-Dinitrophenol
 Concen: 9.071 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.24 min
 Lab File: BF121583.D
 Acq: 15 Sep 2020 18:02

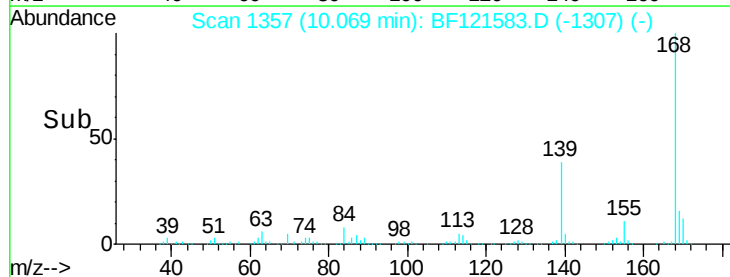
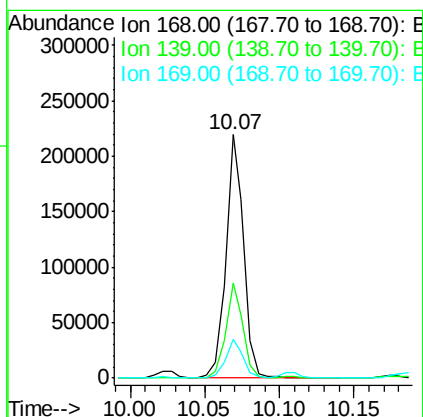
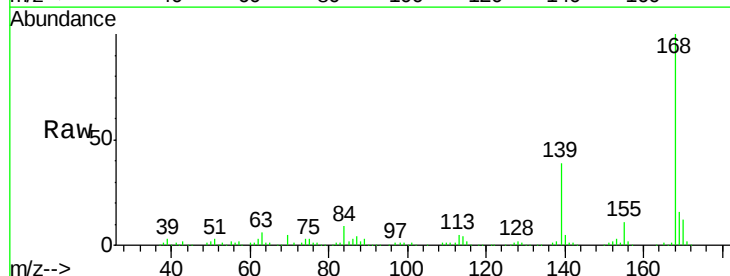
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

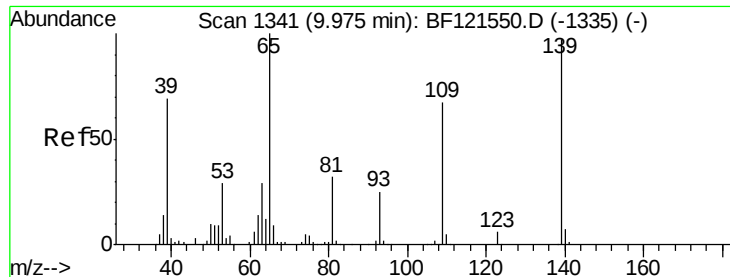
Tot Ion:184 Resp: 106
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.7 71.5#
 154 0.0 47.2 70.8#



#55
 Dibenzofuran
 Concen: 4.718 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF121583.D
 Acq: 15 Sep 2020 18:02

Tgt Ion:168 Resp: 184541
 Ion Ratio Lower Upper
 168 100
 139 39.2 31.4 47.0
 169 15.9 11.9 17.9





#56

4-Nitrophenol

Concen: 10.801 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.09 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

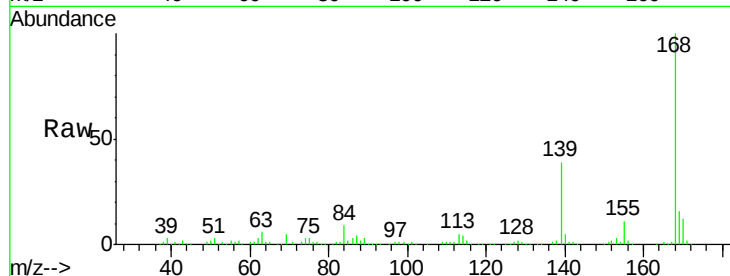
Tot Ion:139 Resp: 69877

Ion Ratio Lower Upper

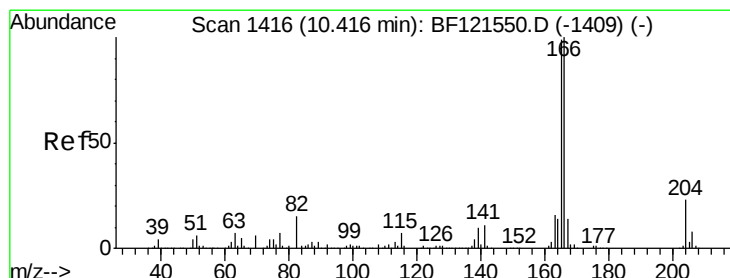
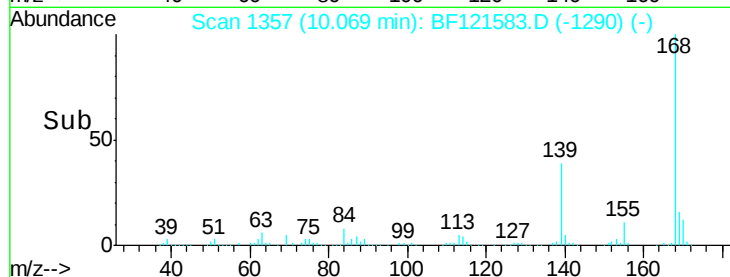
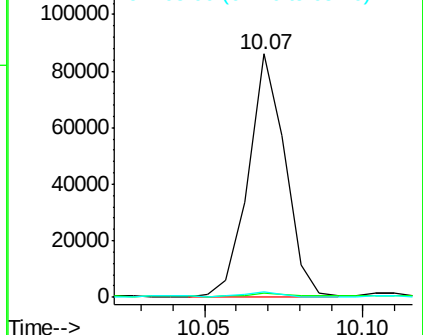
139 100

109 1.6 48.8 88.8#

65 2.3 83.6 123.6#



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



#58

Fluorene

Concen: 7.461 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

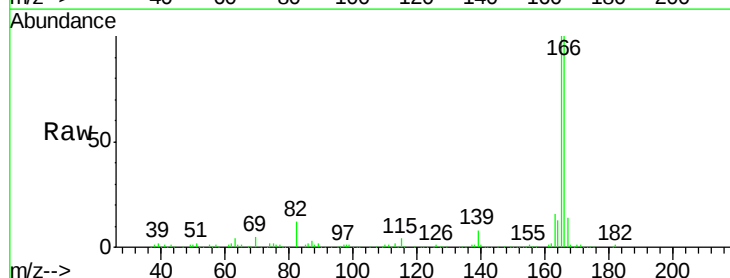
Tgt Ion:166 Resp: 223197

Ion Ratio Lower Upper

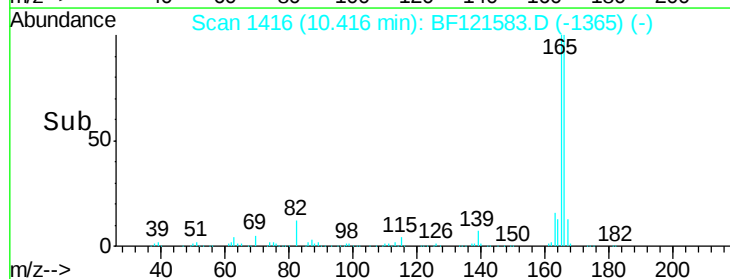
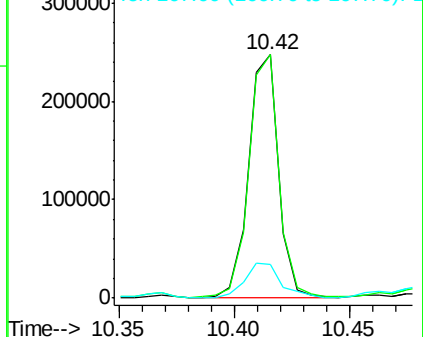
166 100

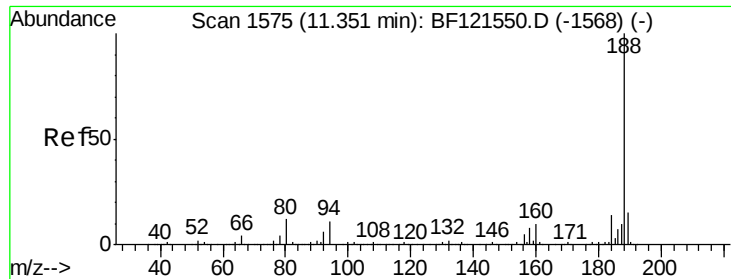
165 100.2 79.0 118.4

167 13.7 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

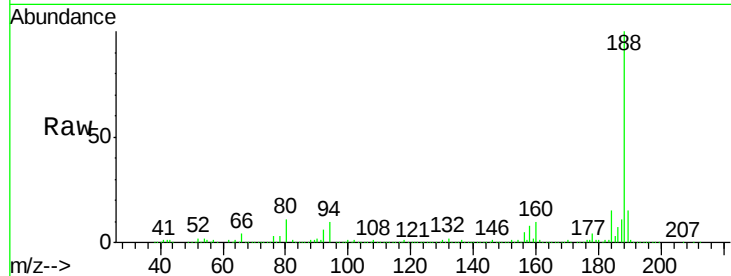




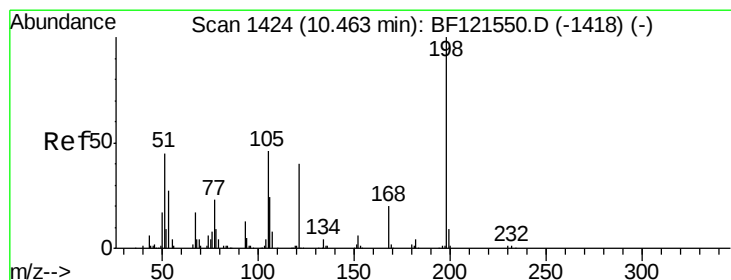
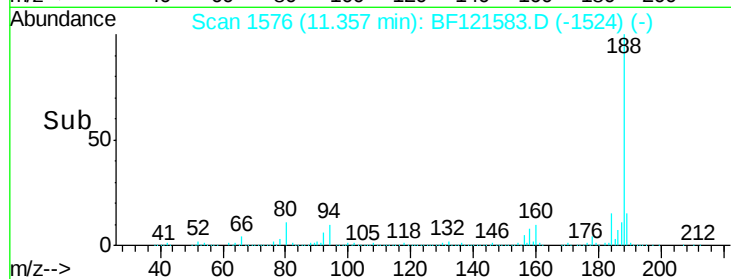
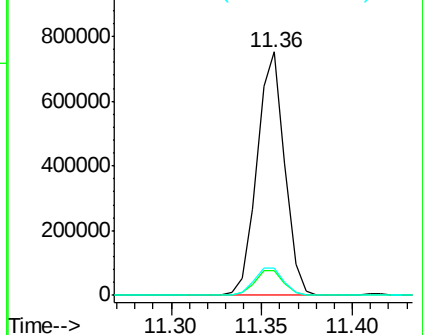
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

Tot Ion:188 Resp: 794401
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.4 9.3 13.9

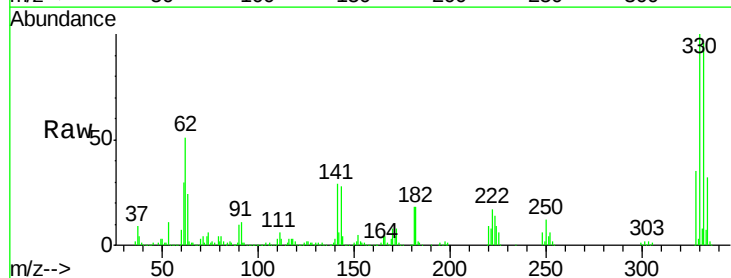


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

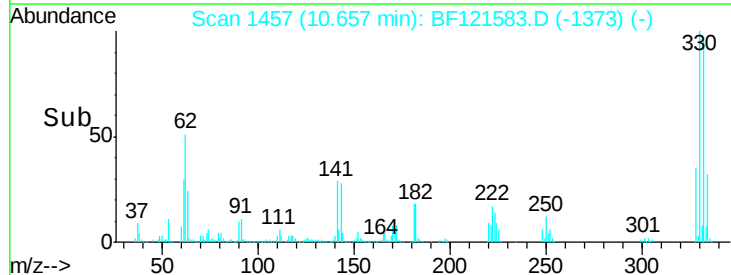
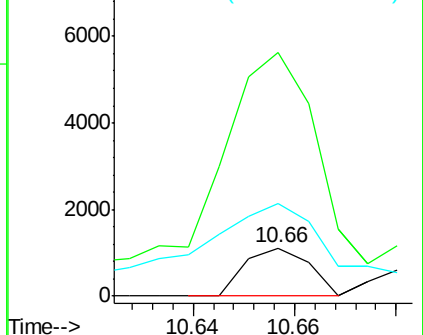


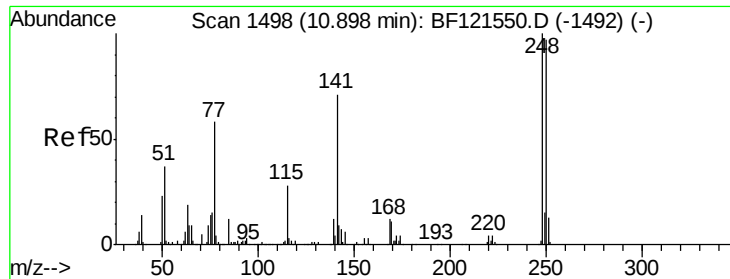
#65
4,6-Dinitro-2-methylphenol
Concen: 7.022 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.19 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Tgt Ion:198 Resp: 966
Ion Ratio Lower Upper
198 100
51 507.1 31.1 71.1#
105 194.0 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

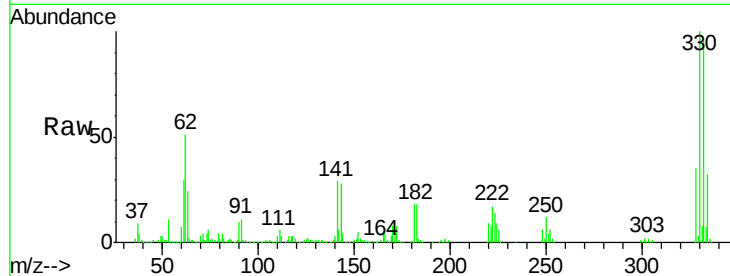




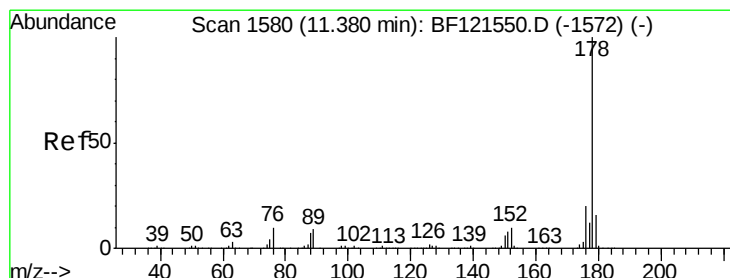
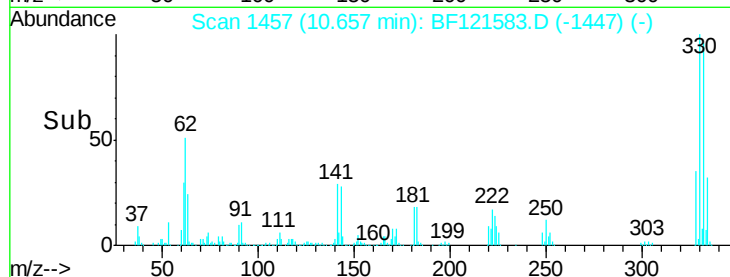
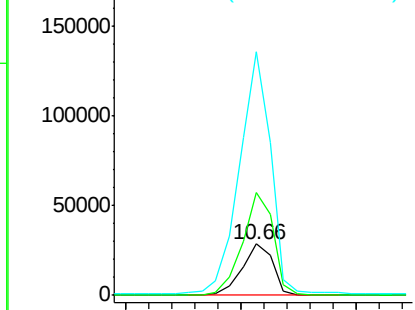
#67
 4-Bromophenyl-phenylether
 Concen: 2.998 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF121583.D
 Acq: 15 Sep 2020 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

Tot Ion:248 Resp: 27119
 Ion Ratio Lower Upper
 248 100
 250 200.2 77.4 116.0#
 141 475.7 56.7 85.1#

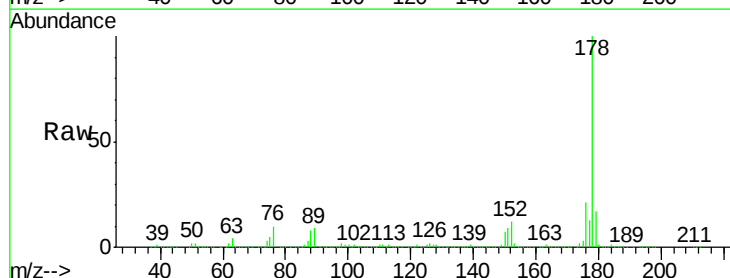


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

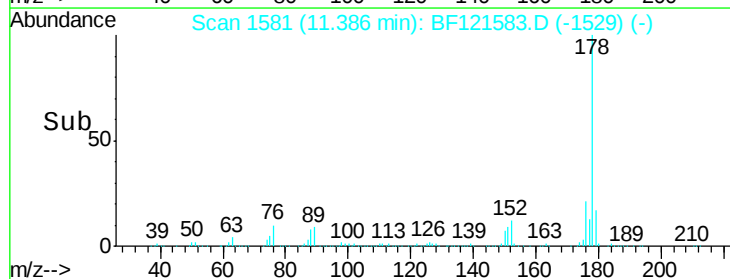
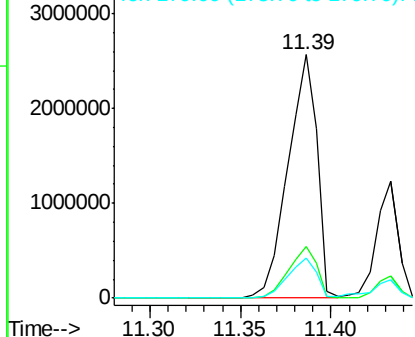


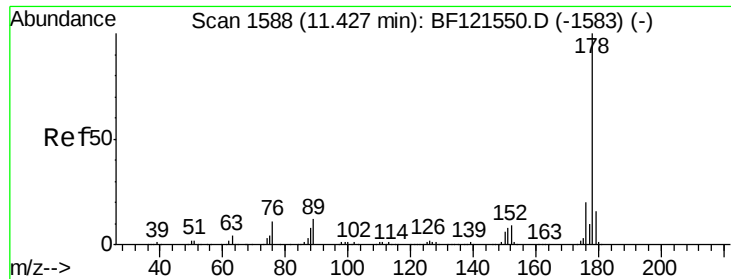
#71
 Phenanthrene
 Concen: 66.585 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF121583.D
 Acq: 15 Sep 2020 18:02

Tgt Ion:178 Resp: 2881931
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.2 24.4
 179 16.7 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: 22.564 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

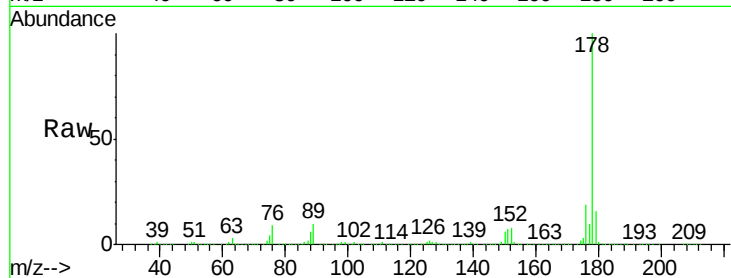
Tot Ion:178 Resp: 1007824

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

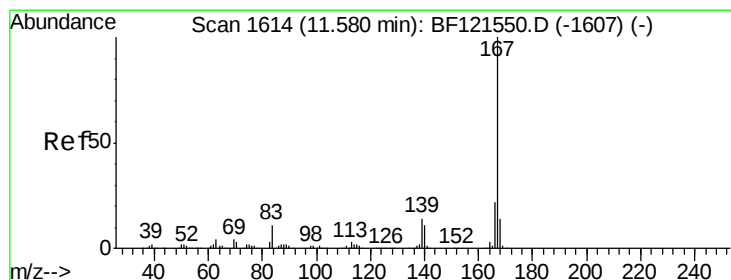
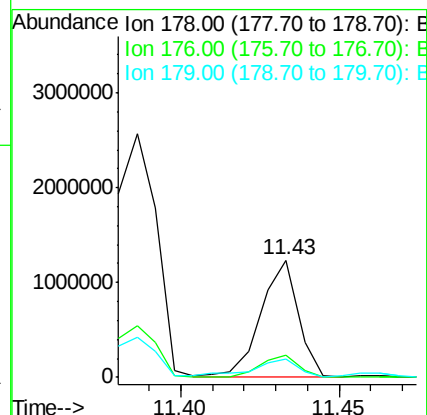
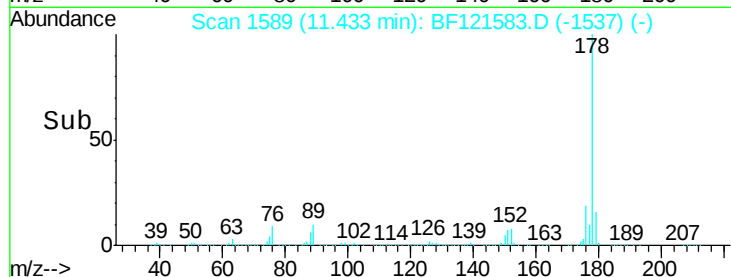
179 15.7 12.8 19.2



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: 4.429 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

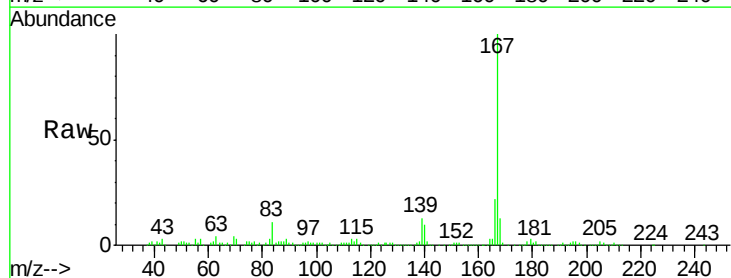
Tgt Ion:167 Resp: 178536

Ion Ratio Lower Upper

167 100

166 21.5 17.9 26.9

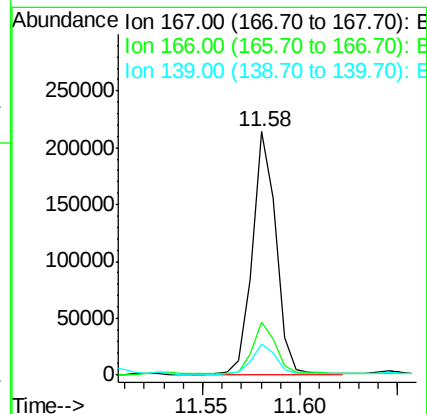
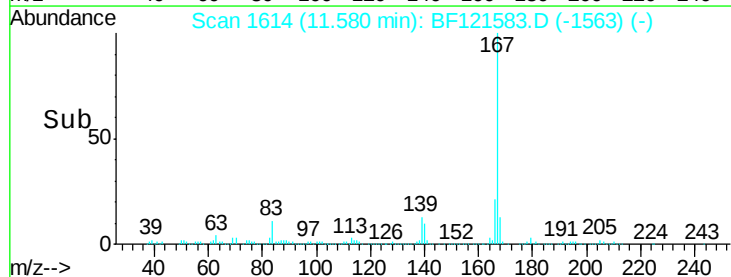
139 12.8 11.2 16.8

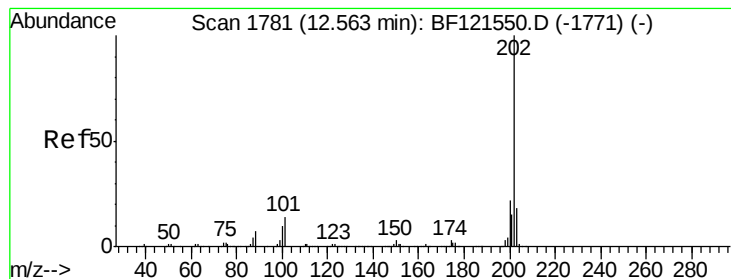


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 66.534 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

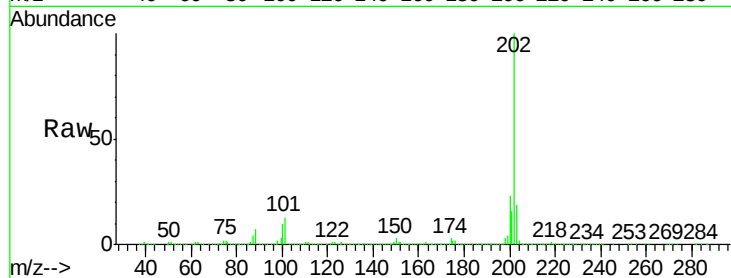
Tot Ion:202 Resp: 3074094

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.0

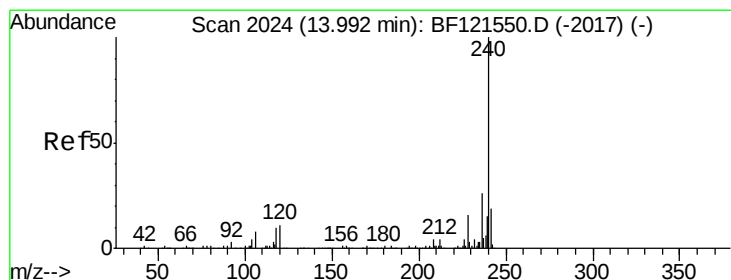
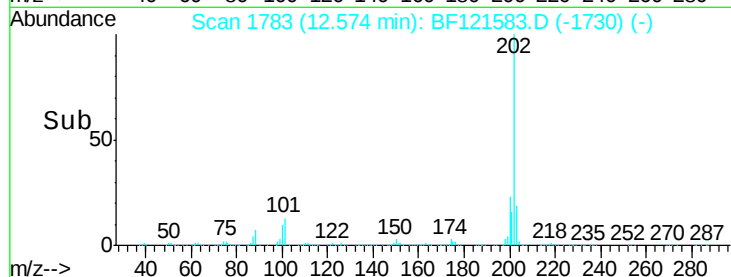
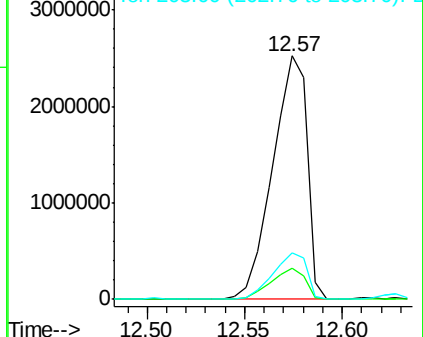
203 19.1 0.0 38.2



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: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

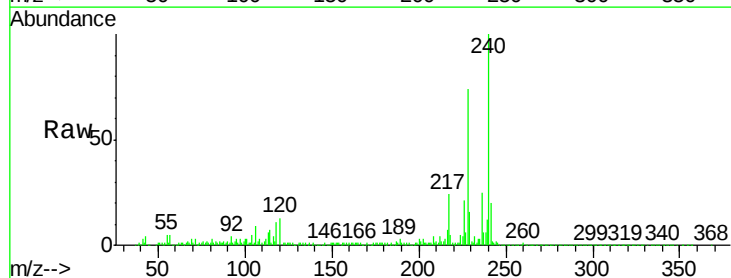
Tgt Ion:240 Resp: 449692

Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

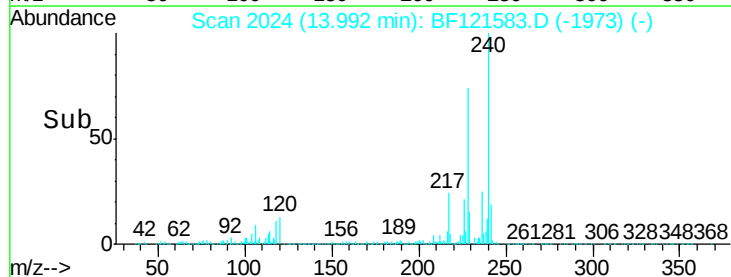
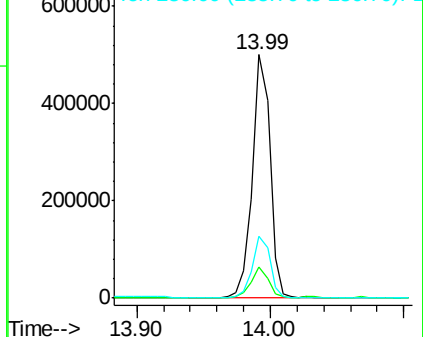
236 25.5 20.5 30.7

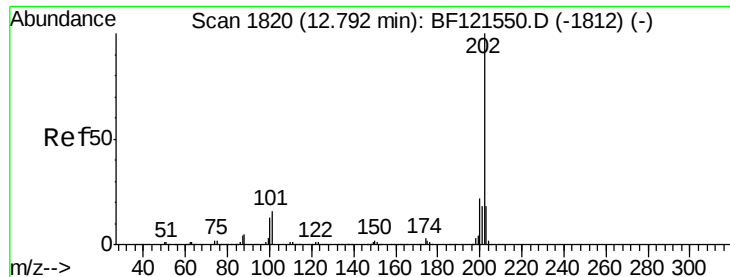


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 82.773 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Instrument :

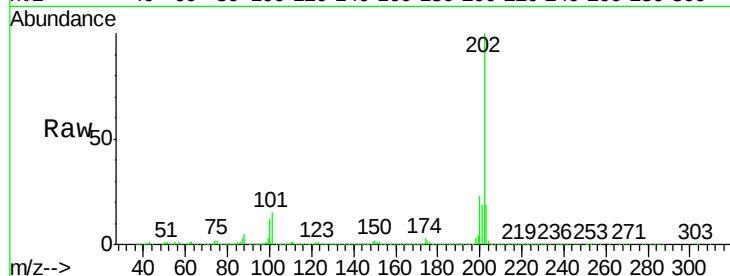
BNA_F

ClientSampleId :

PAV-B40-091420-10-15

Tot Ion:202 Resp: 2719569

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.8
203	18.8	14.6	22.0

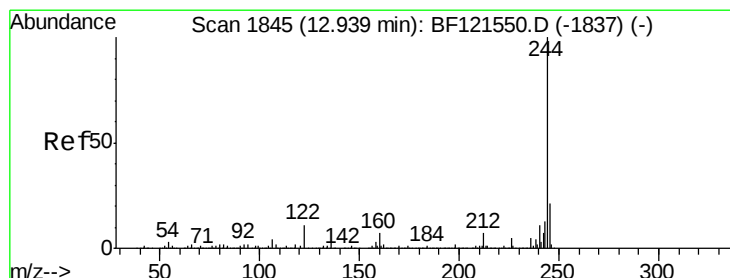
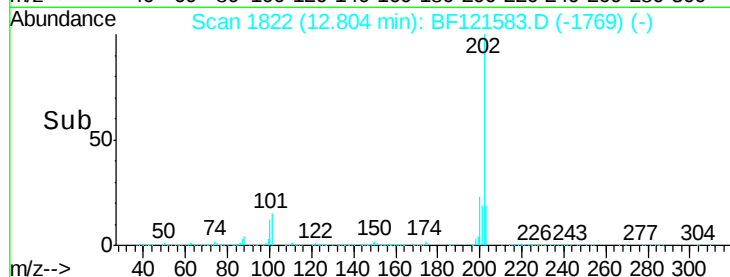
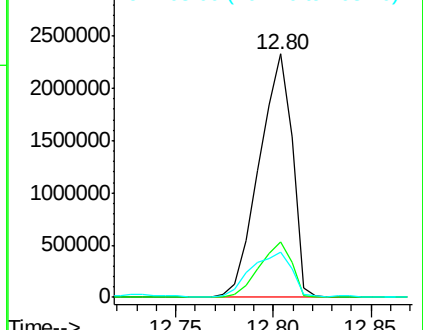


Abundance

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



#79

Terphenyl-d14

Concen: 74.697 ng

RT: 12.94 min Scan# 1845

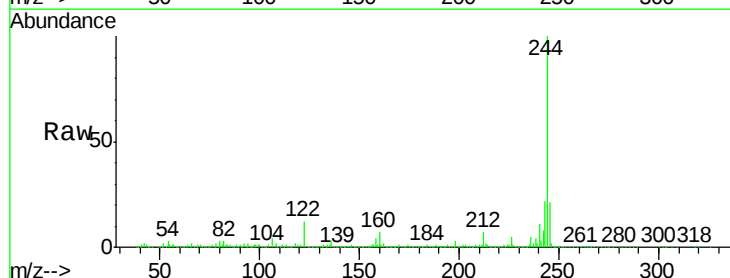
Delta R.T. -0.00 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Tgt Ion:244 Resp: 1658063

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.7	8.7	13.1

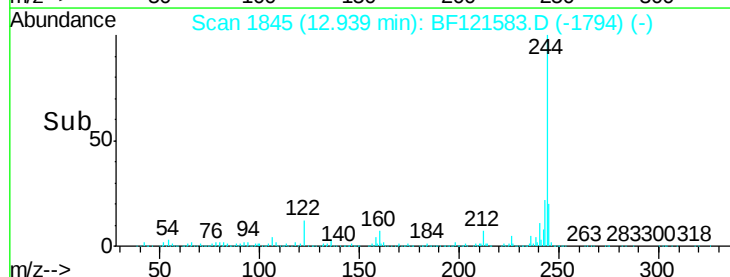
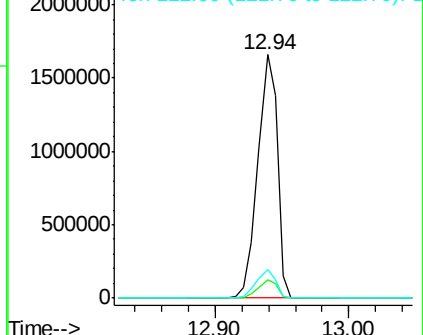


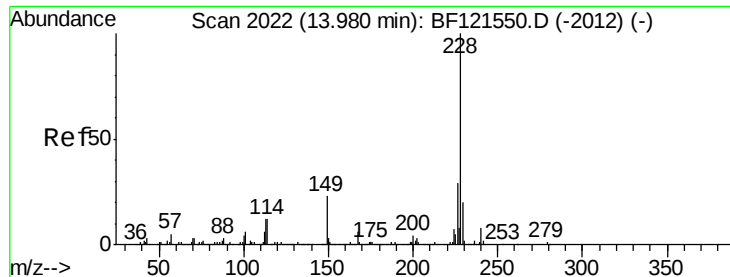
Abundance

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

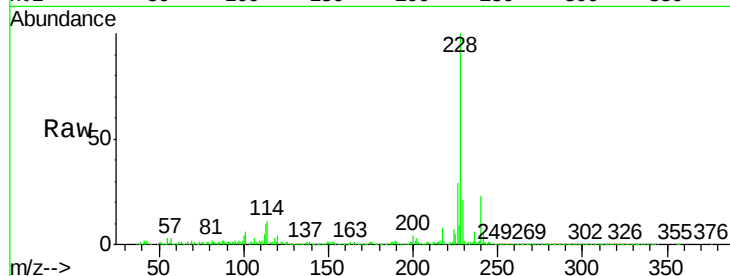




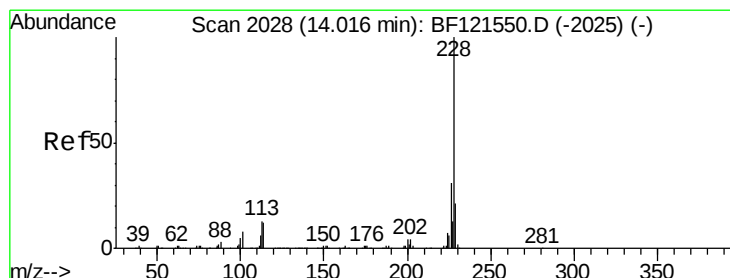
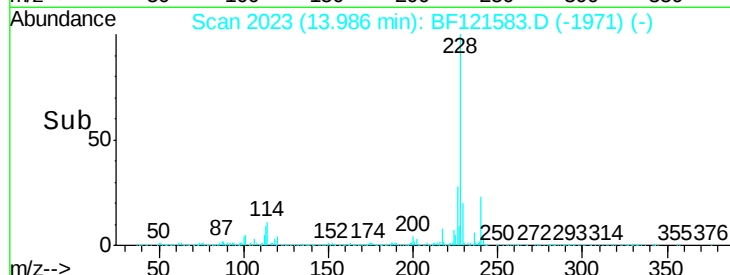
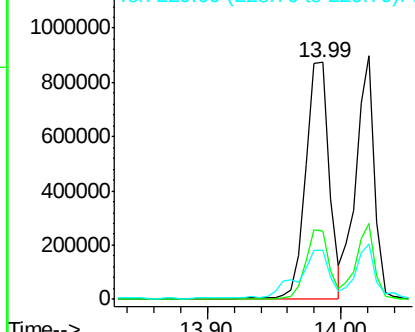
#81
Benzo(a)anthracene
Concen: 36.935 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

Tot Ion:228 Resp: 1050792
Ion Ratio Lower Upper
228 100
226 28.6 22.9 34.3
229 20.8 16.3 24.5

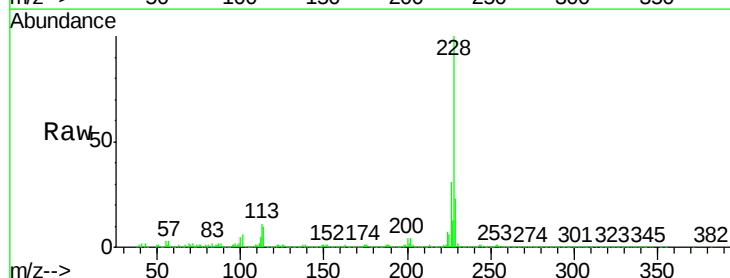


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

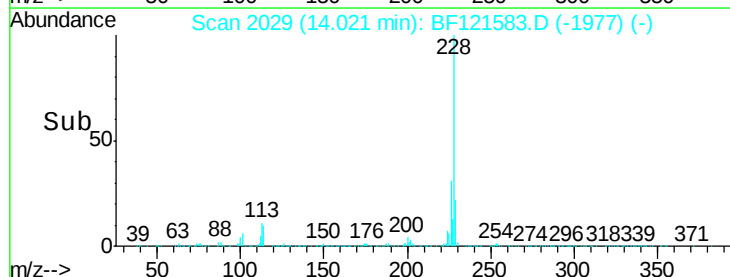
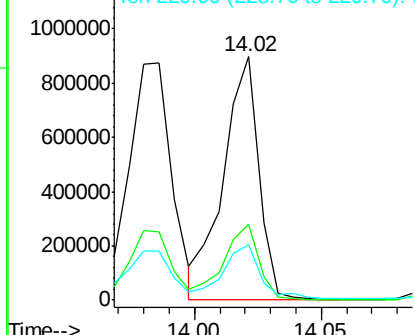


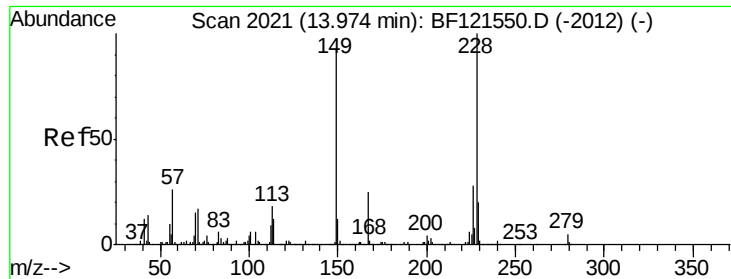
#83
Chrysene
Concen: 30.243 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Tgt Ion:228 Resp: 871273
Ion Ratio Lower Upper
228 100
226 31.0 25.1 37.7
229 22.7 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

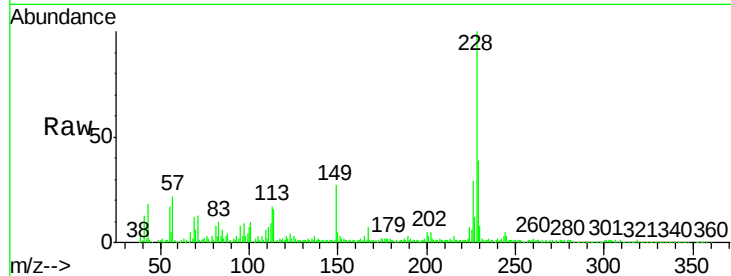




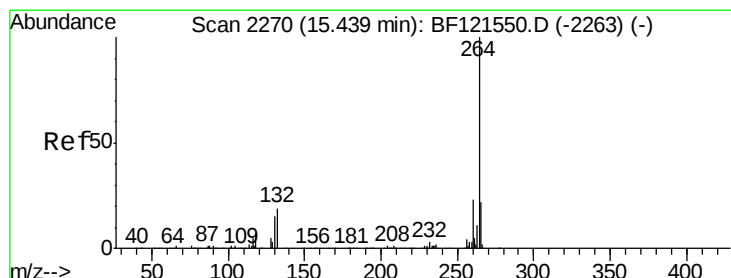
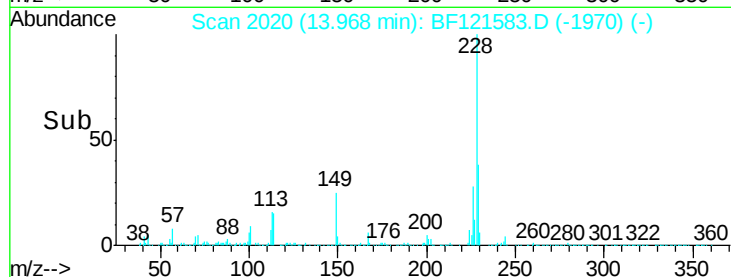
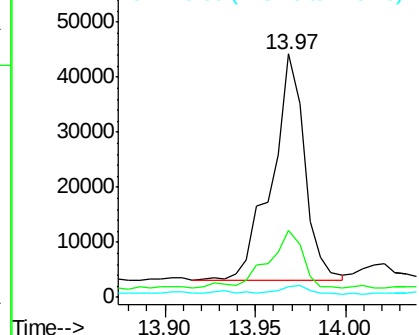
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.920 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

Tot Ion:149 Resp: 51829
Ion Ratio Lower Upper
149 100
167 27.3 21.6 32.4
279 4.4 4.1 6.1

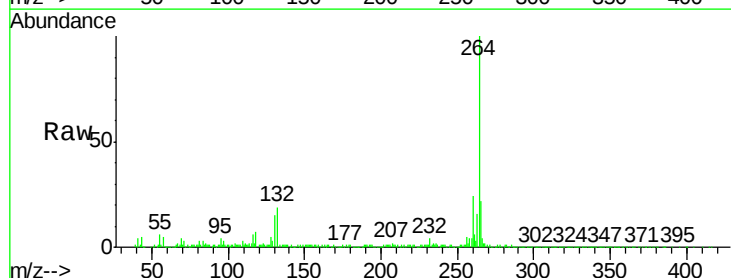


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

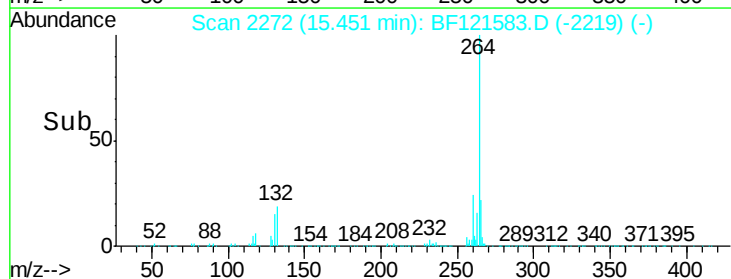
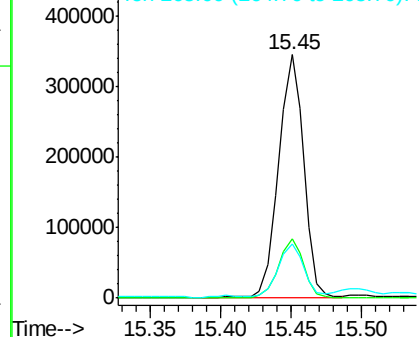


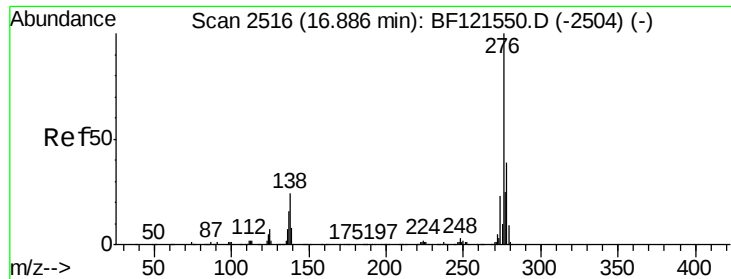
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF121583.D
Acq: 15 Sep 2020 18:02

Tgt Ion:264 Resp: 429405
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.3 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

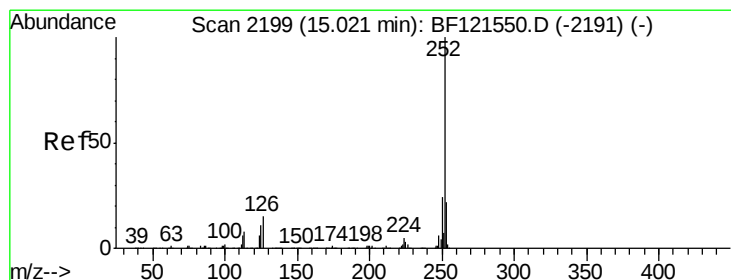
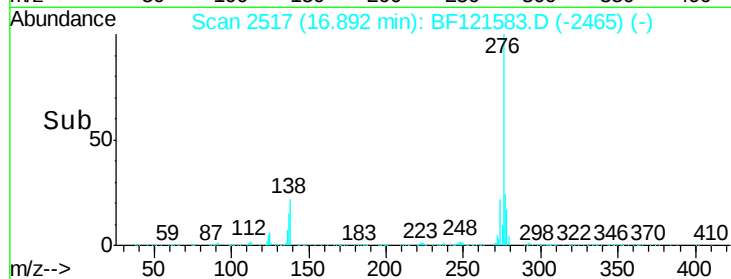
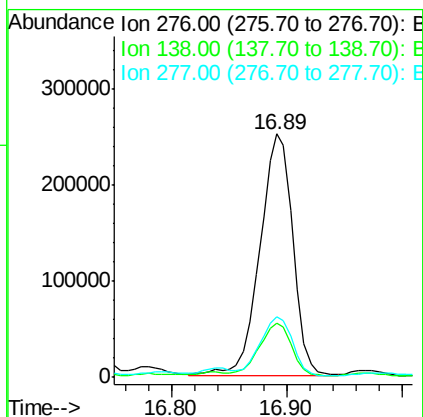
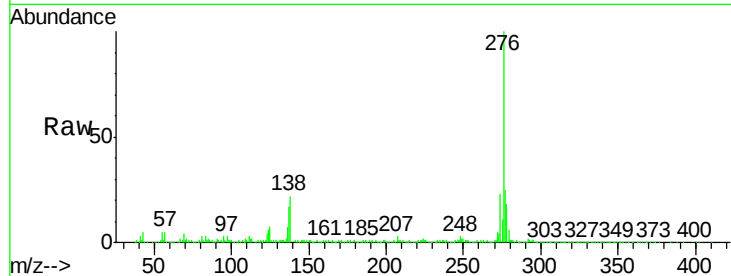




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 17.878 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BF121583.D
 Acq: 15 Sep 2020 18:02

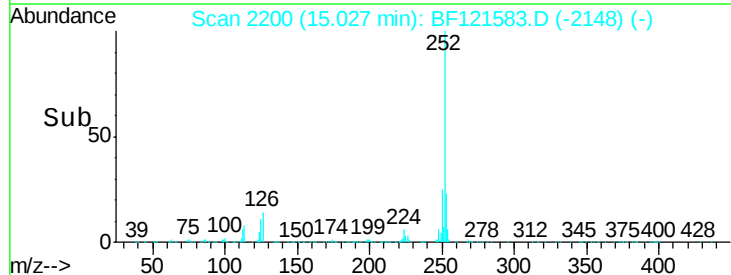
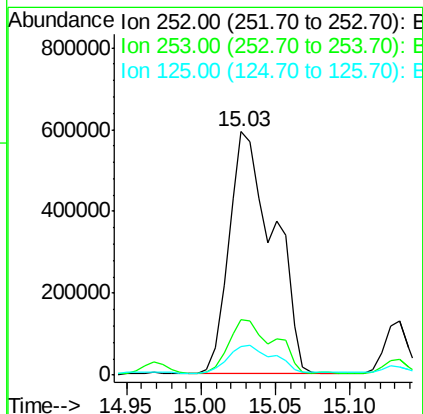
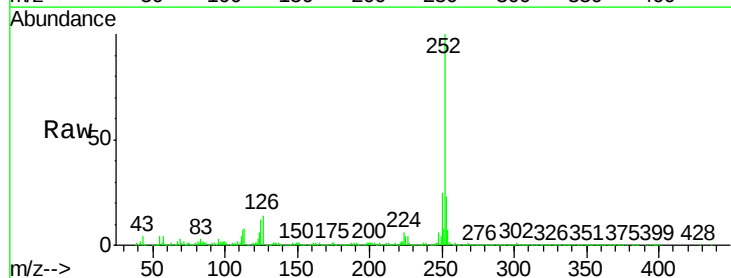
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

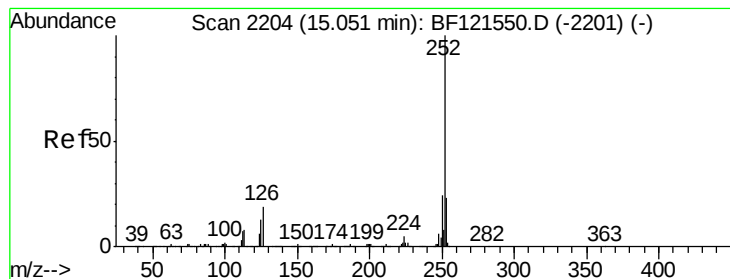
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	20.6	31.0
277	24.0	20.2	30.4



#88
 Benzo(b)fluoranthene
 Concen: 42.925 ng
 RT: 15.03 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF121583.D
 Acq: 15 Sep 2020 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.0	9.2	13.8





#89

Benzo(k)fluoranthene

Concen: 46.875 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

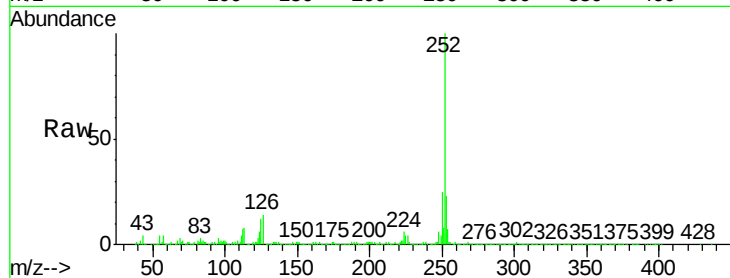
Tot Ion:252 Resp: 1232214

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

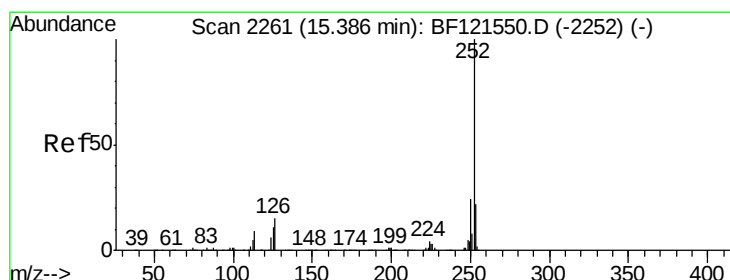
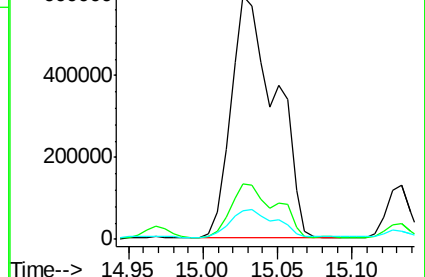
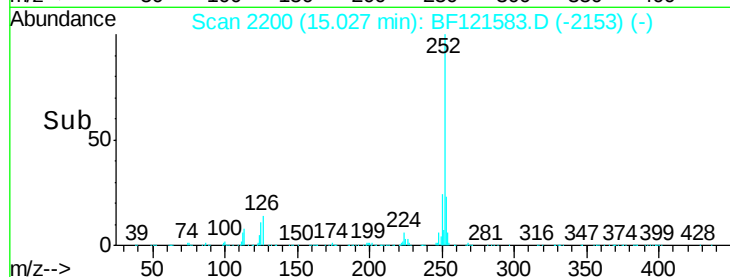
125 12.0 9.8 14.6



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



#90

Benzo(a)pyrene

Concen: 30.366 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

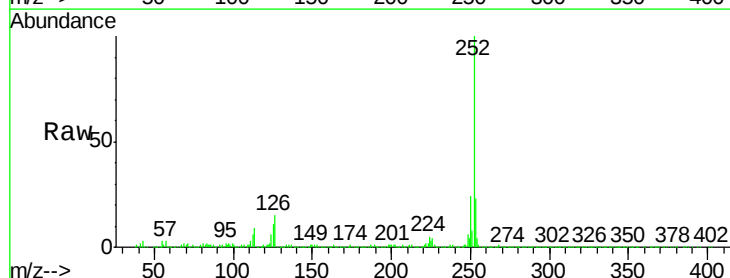
Tgt Ion:252 Resp: 740970

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

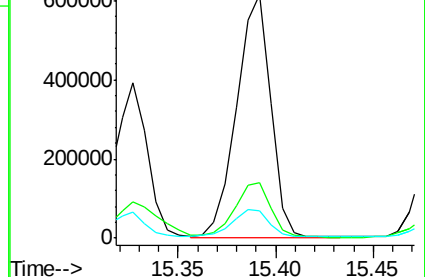
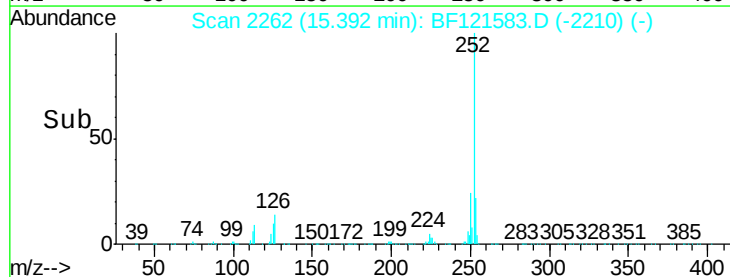
125 11.3 9.0 13.4

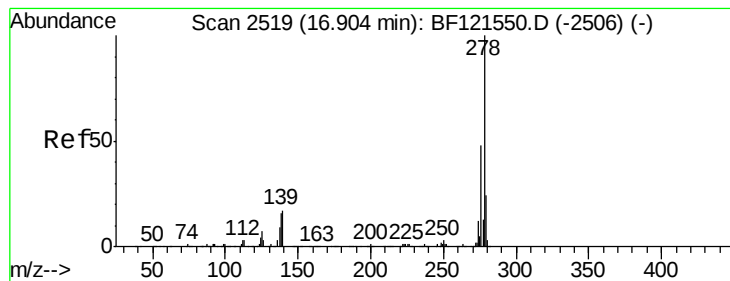


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 4.903 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

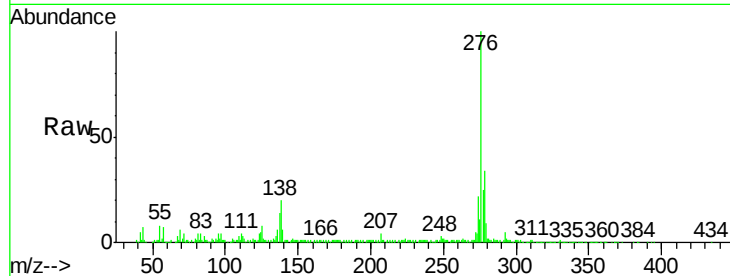
Tot Ion:278 Resp: 114138

Ion Ratio Lower Upper

278 100

139 18.2 13.9 20.9

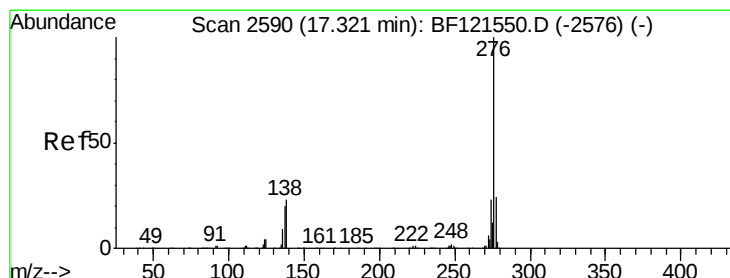
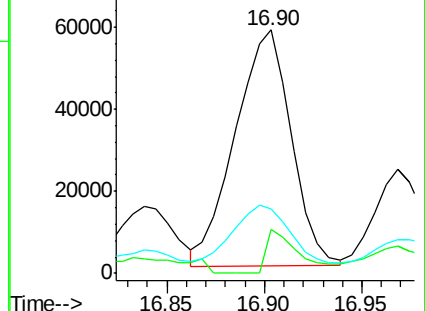
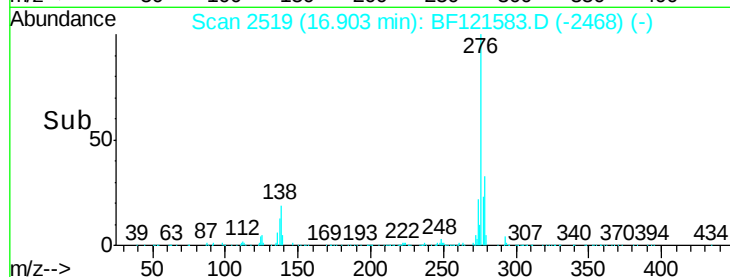
279 26.4 19.2 28.8



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: 20.046 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BF121583.D

Acq: 15 Sep 2020 18:02

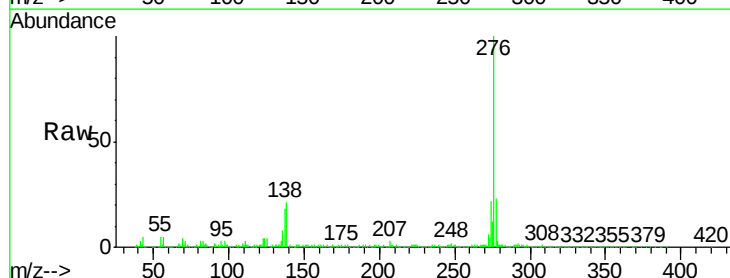
Tgt Ion:276 Resp: 458701

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 21.0 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

