

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003209.D
 Acq On : 04 Sep 2020 13:44
 Operator : CG/JU
 Sample : L3877-02 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Sep 04 15:59:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	14458	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	64375	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	47497	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	159934	20.00	ng	0.00
76) Chrysene-d12	21.15	240	716421	20.00	ng	0.00
86) Perylene-d12	23.38	264	1186454	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	4356	5.33	ng	0.00
7) Phenol-d6	6.84	99	3830	3.74	ng	0.00
23) Nitrobenzene-d5	8.79	82	2909	3.26	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	3148	4.90	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	6640	2.05	ng	0.00
79) Terphenyl-d14	19.62	244	34262	1.05	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	3.58	79	76405	92.865	ng	# 42
9) Benzaldehyde	6.82	77	21475	44.934	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.20	45	2168	3.402	ng	# 1
18) Hexachloroethane	8.75	117	164859	450.308	ng	# 18
19) n-Nitroso-di-n-propylamine	8.43	70	1132	2.444	ng	# 76
22) Acetophenone	8.46	105	19574	13.654	ng	# 80
24) Nitrobenzene	8.84	77	11291	12.873	ng	# 1
26) 2-Nitrophenol	9.46	139	45086	86.246	ng	# 1
31) Naphthalene	10.49	128	6140975	1856.740	ng	# 98
32) Benzoic acid	9.76	122	339	9.450	ng	# 1
33) 4-Chloroaniline	10.49	127	836282	605.166	ng	# 35
37) 2-Methylnaphthalene	12.32	142	924213	390.629	ng	# 96
38) 1-Methylnaphthalene	12.32	142	925034	411.348	ng	# 100
46) 1,1'-Biphenyl	13.13	154	111061	31.174	ng	# 98
48) 2-Nitroaniline	13.35	65	9492	17.384	ng	# 7
49) Acenaphthylene	14.01	152	521789	118.328	ng	# 98
52) Acenaphthene	14.36	154	71212	26.286	ng	# 96
54) 2,4-Dinitrophenol	14.39	184	5695	20.261	ng	# 1
55) Dibenzofuran	14.69	168	34558	8.123	ng	# 72
56) 4-Nitrophenol	14.52	139	5136	8.370	ng	# 1
57) 2,4-Dinitrotoluene	14.66	165	2806	2.772	ng	# 1
58) Fluorene	15.35	166	106678	32.549	ng	# 98
66) n-Nitrosodiphenylamine	15.57	169	10902	2.331	ng	# 85
71) Phenanthrene	17.09	178	333140	38.441	ng	# 99
72) Anthracene	17.18	178	127948	15.426	ng	# 99
75) Fluoranthene	19.07	202	184143	18.385	ng	# 96
78) Pyrene	19.42	202	433726	9.328	ng	# 100
81) Benzo(a)anthracene	21.13	228	250610	5.585	ng	# 96
83) Chrysene	21.13	228	250610	5.833	ng	# 95
88) Benzo(b)fluoranthene	22.71	252	391884	5.314	ng	# 93
89) Benzo(k)fluoranthene	22.71	252	391884	5.562	ng	# 93
90) Benzo(a)pyrene	23.28	252	286866	4.193	ng	# 93
92) Benzo(a,h,i)perylene	26.34	276	213660	2.929	ng	# 97

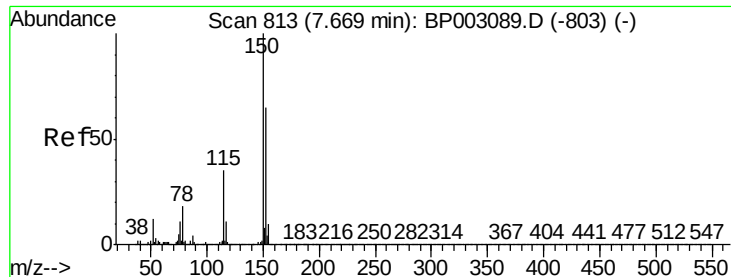
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

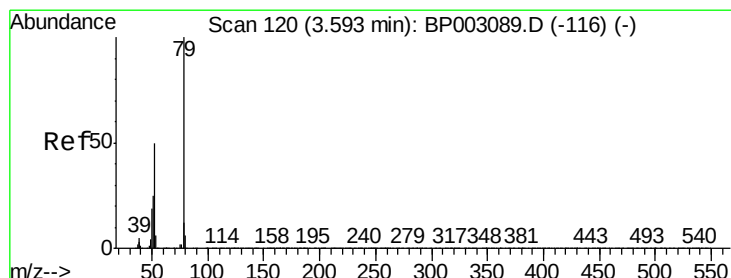
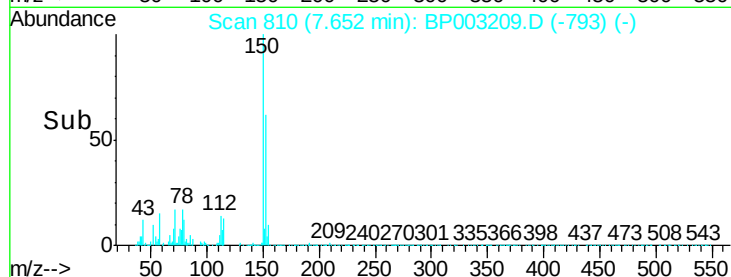
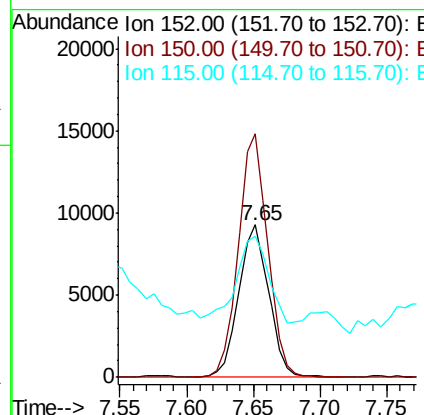
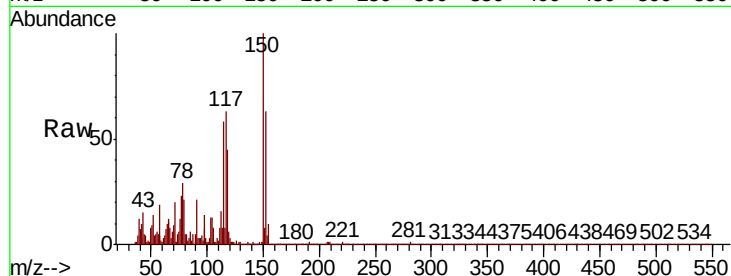


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BP003209.D
 Acq: 04 Sep 2020 13:44

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

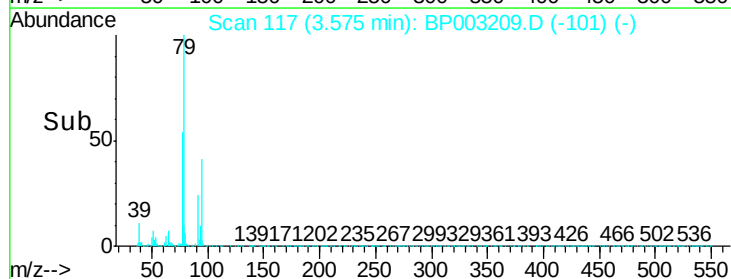
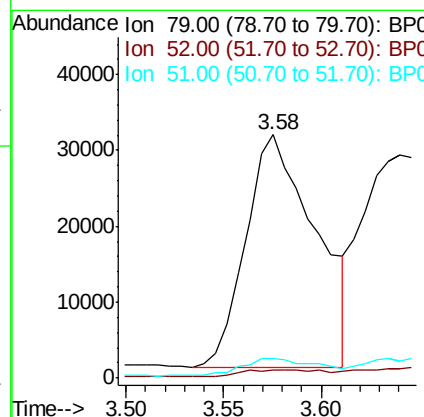
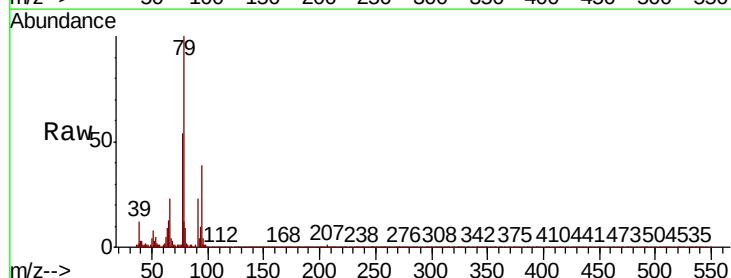
Tot Ion:152 Resp: 14458
 Ion Ratio Lower Upper
 152 100
 150 159.7 123.8 185.6
 115 92.5 43.8 65.6#

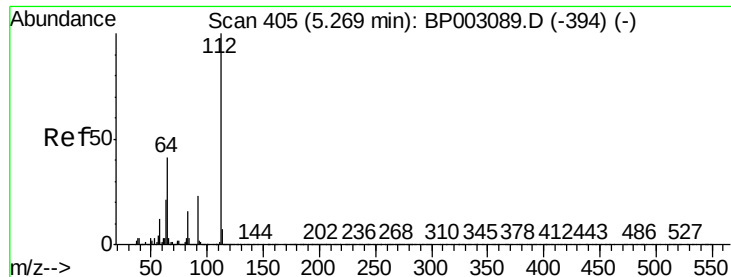


#3

Pyridine
 Concen: 92.865 ng
 RT: 3.58 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BP003209.D
 Acq: 04 Sep 2020 13:44

Tgt Ion: 79 Resp: 76405
 Ion Ratio Lower Upper
 79 100
 52 3.3 41.3 61.9#
 51 7.9 21.2 31.8#





#5

2-Fluorophenol

Concen: 5.327 ng

RT: 5.26 min Scan# 403

Delta R.T. -0.01 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

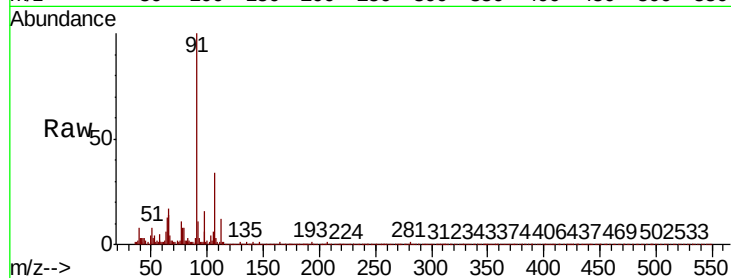
Tot Ion: 112 Resp: 4356

Ion Ratio Lower Upper

112 100

64 113.6 32.8 49.2#

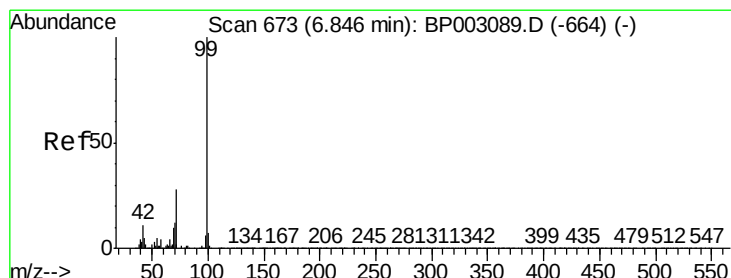
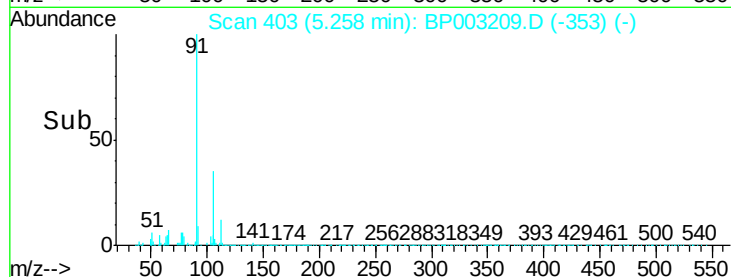
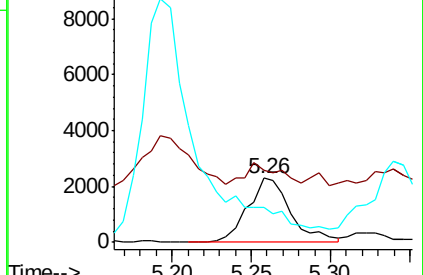
63 54.0 17.0 25.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 3.736 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

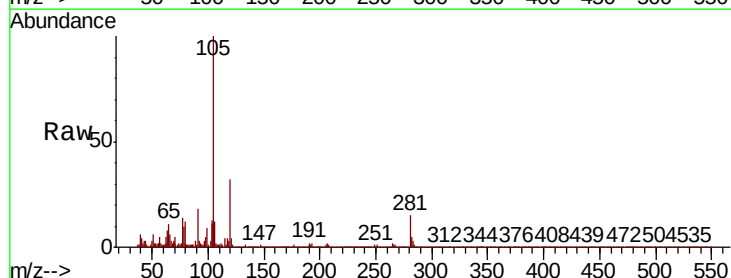
Tgt Ion: 99 Resp: 3830

Ion Ratio Lower Upper

99 100

42 18.9 8.6 13.0#

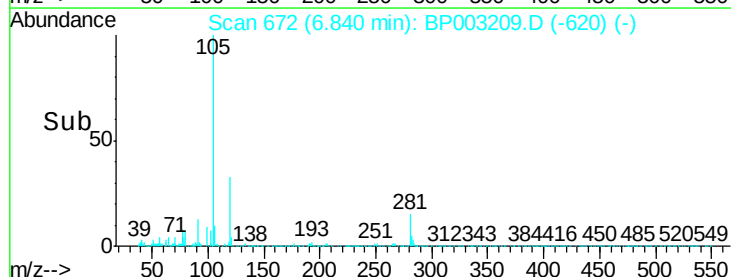
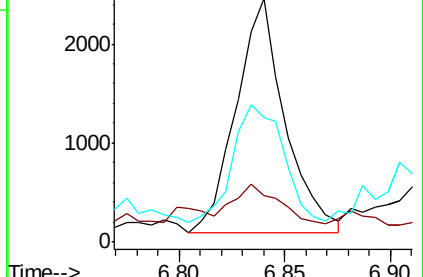
71 50.9 23.4 35.2#

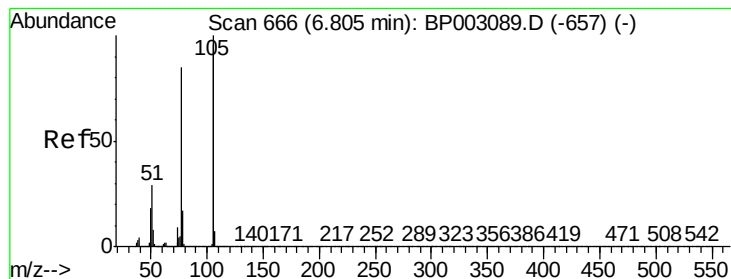


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#9

Benzaldehyde

Concen: 44.934 ng

RT: 6.82 min Scan# 668

Delta R.T. 0.02 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

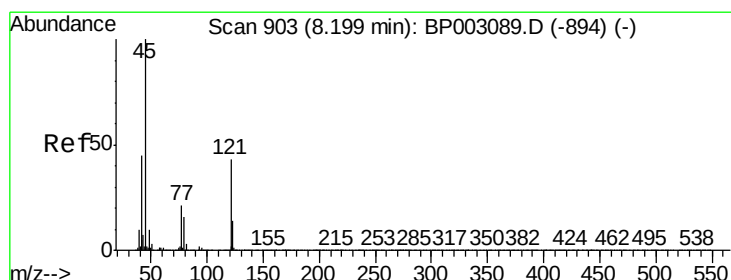
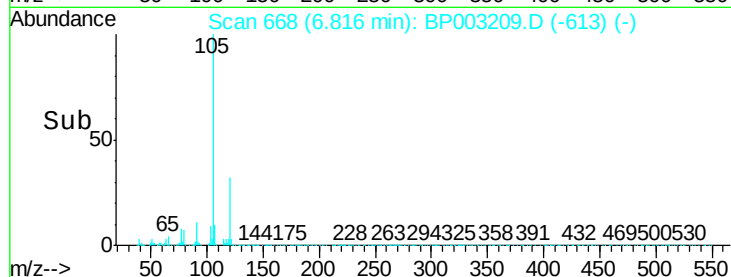
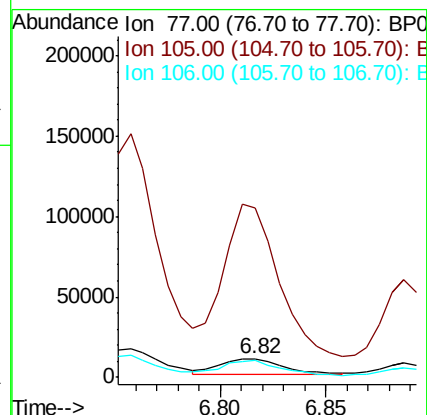
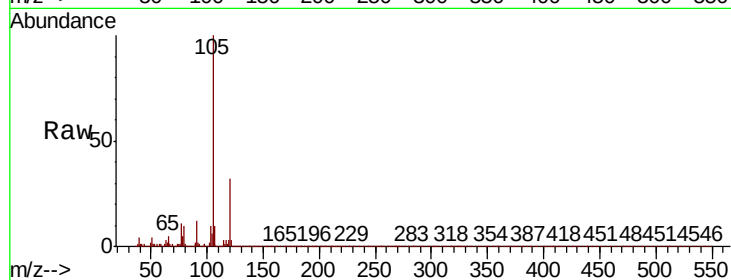
Tot Ion: 77 Resp: 21475

Ion Ratio Lower Upper

77 100

105 897.0 97.1 137.1#

106 87.9 93.7 133.7#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.402 ng

RT: 8.20 min Scan# 904

Delta R.T. 0.02 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

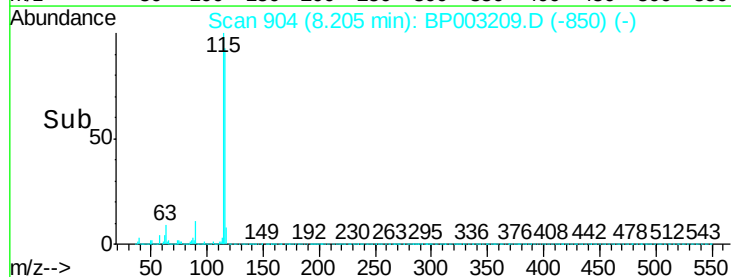
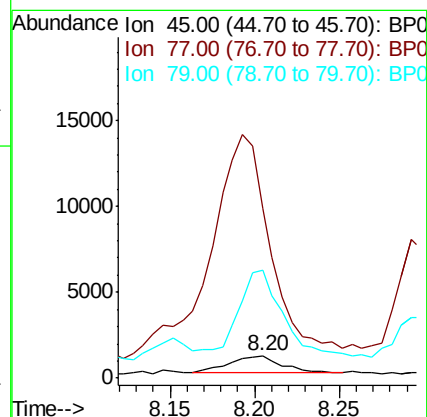
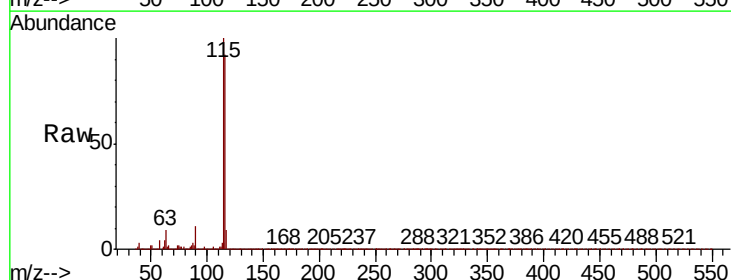
Tgt Ion: 45 Resp: 2168

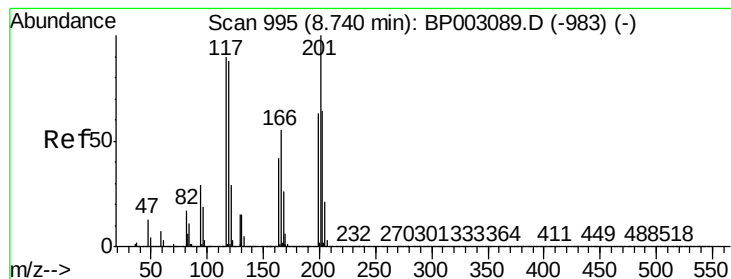
Ion Ratio Lower Upper

45 100

77 743.1 2.3 42.3#

79 473.8 0.0 36.6#





#18

Hexachloroethane

Concen: 450.308 ng

RT: 8.75 min Scan# 997

Delta R.T. 0.02 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

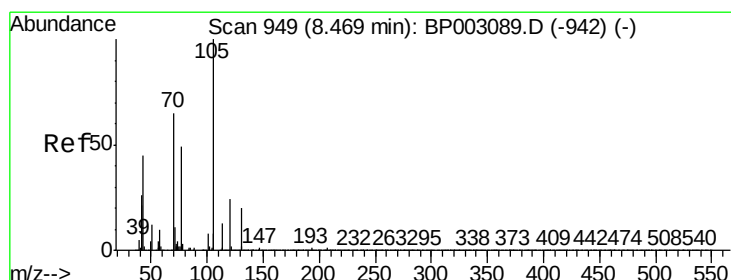
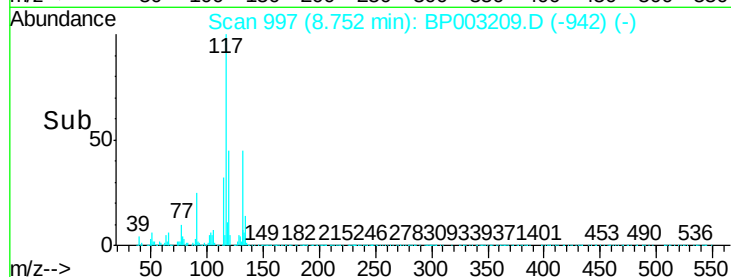
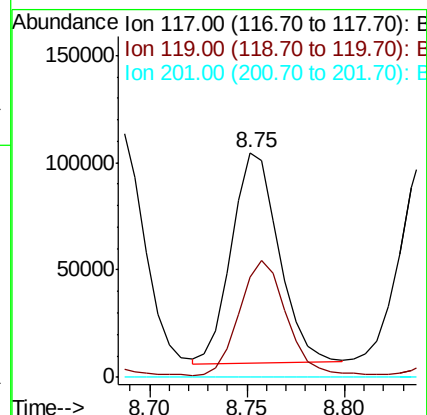
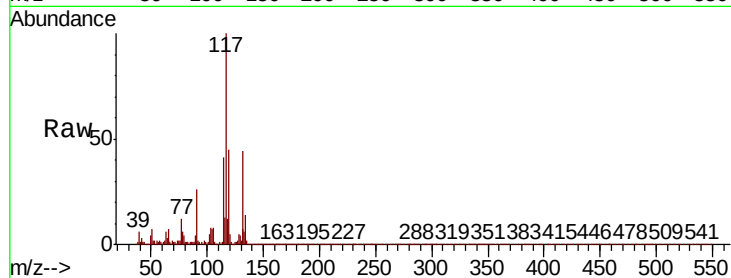
Tot Ion:117 Resp: 164859

Ion Ratio Lower Upper

117 100

119 44.7 78.8 118.2#

201 0.0 92.3 138.5#



#19

n-Nitroso-di-n-propylamine

Concen: 2.444 ng

RT: 8.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Tgt Ion: 70 Resp: 1132

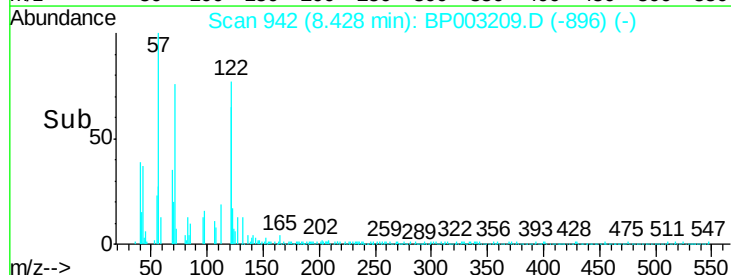
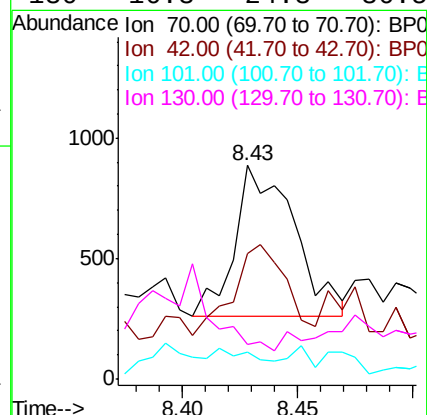
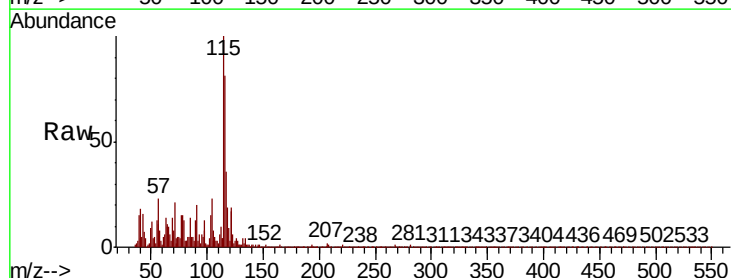
Ion Ratio Lower Upper

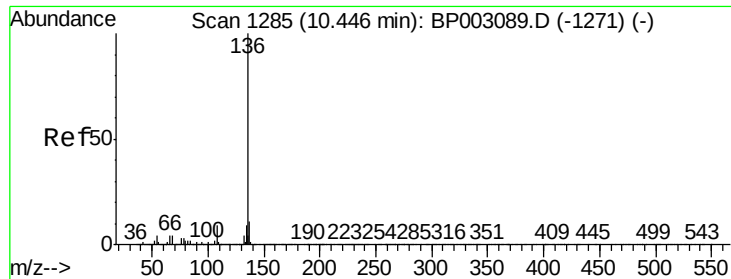
70 100

42 58.9 32.8 49.2#

101 12.9 9.6 14.4

130 16.3 24.3 36.5#

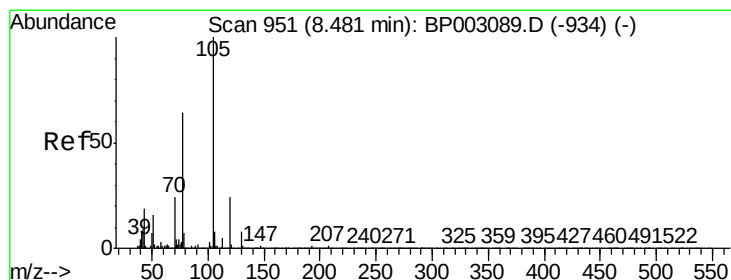
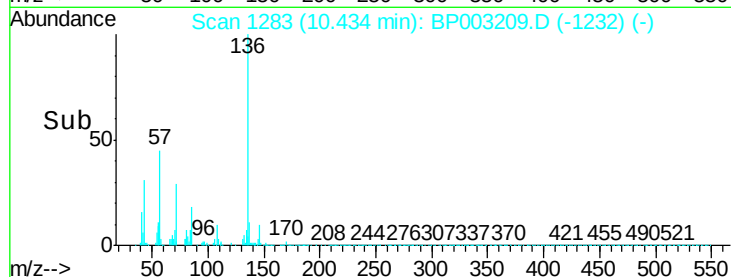
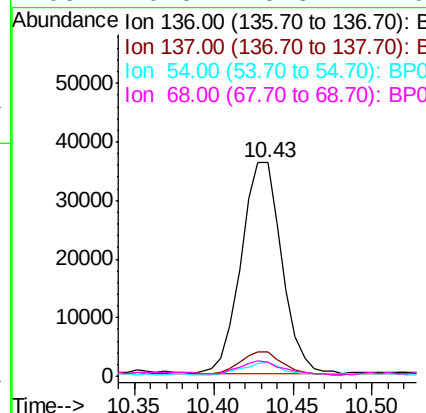
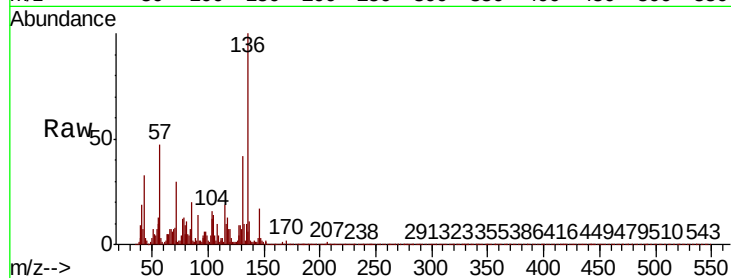




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

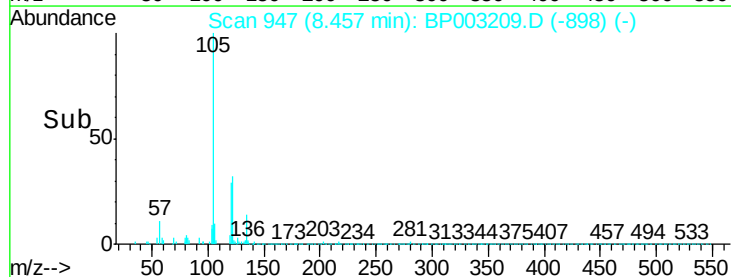
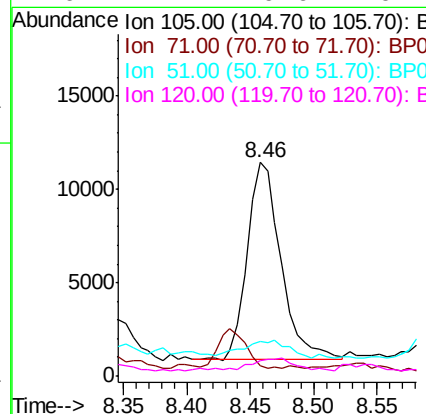
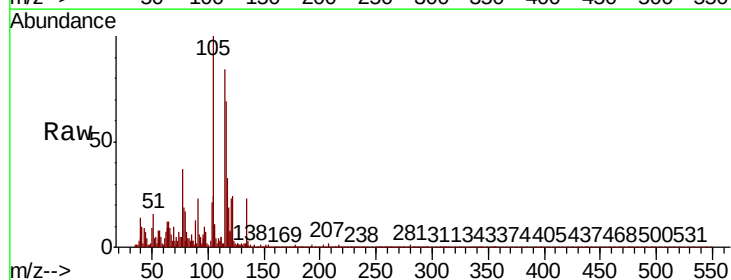
Instrument :
BNA_P
ClientSampled :
TP-1

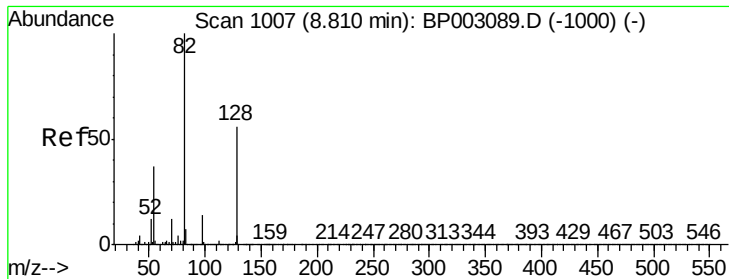
Tot Ion:136	Resp:	64375
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.6 13.0
54	6.5	3.6 5.4#
68	6.3	3.3 4.9#



#22
Acetophenone
Concen: 13.654 ng
RT: 8.46 min Scan# 947
Delta R.T. -0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion:105	Resp:	19574
Ion Ratio	Lower	Upper
105	100	
71	5.1	2.6 3.8#
51	16.4	13.5 20.3
120	7.2	19.6 29.4#

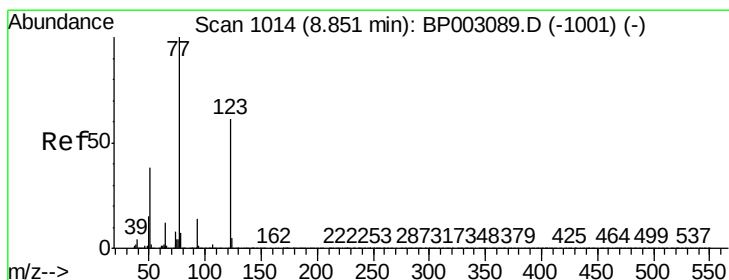
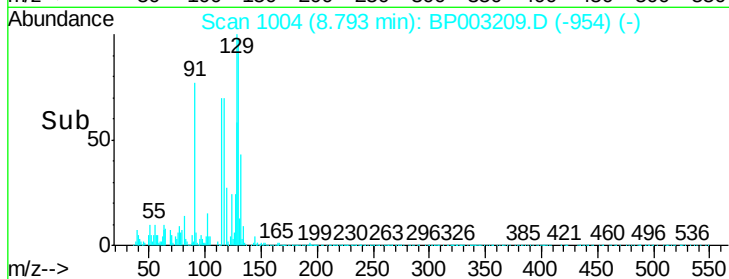
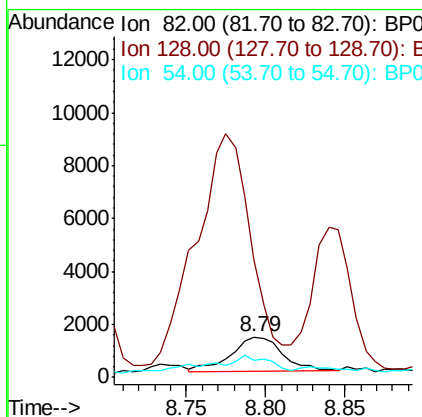
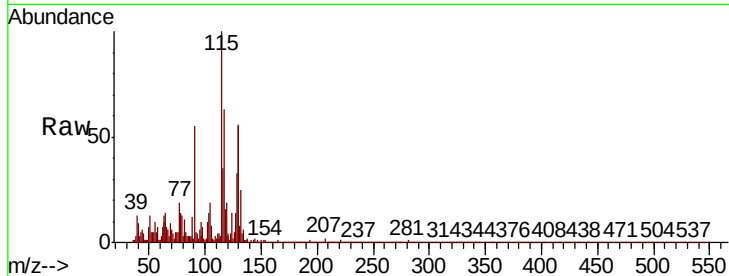




#23
Nitrobenzene-d5
Concen: 3.258 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

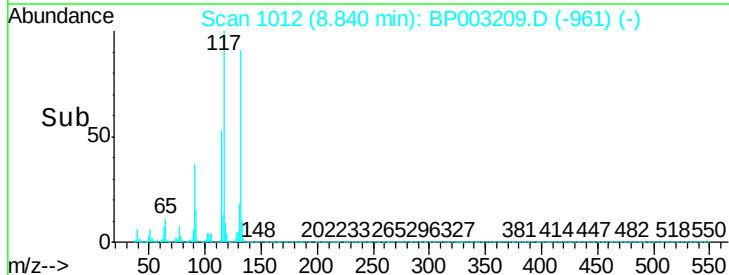
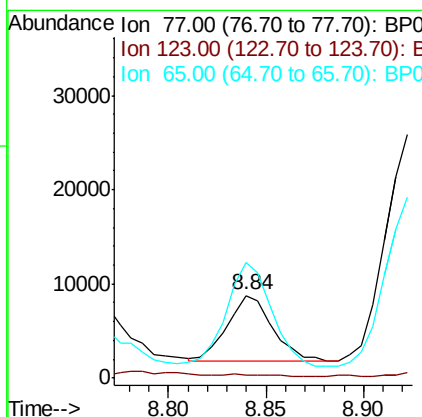
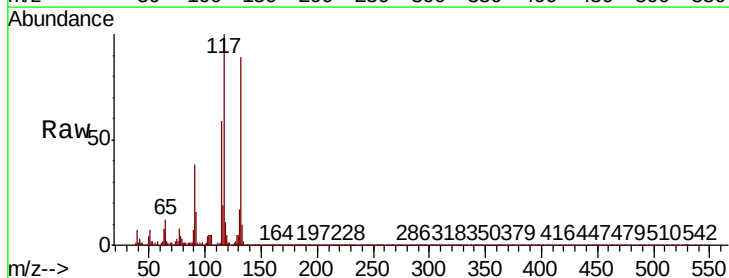
Instrument :
BNA_P
ClientSampleId :
TP-1

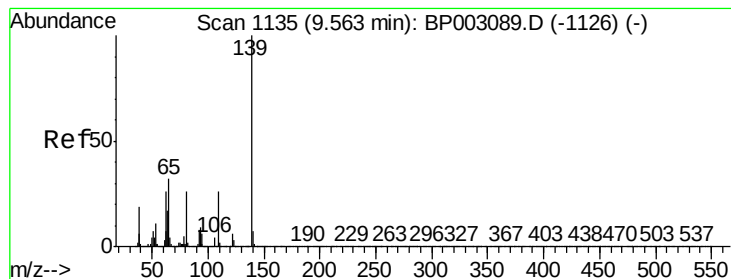
Tot Ion: 82 Resp: 2909
Ion Ratio Lower Upper
82 100
128 292.5 45.6 68.4#
54 42.5 30.1 45.1



#24
Nitrobenzene
Concen: 12.873 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion: 77 Resp: 11291
Ion Ratio Lower Upper
77 100
123 4.3 48.6 72.8#
65 139.9 10.0 15.0#





#26

2-Nitrophenol

Concen: 86.246 ng

RT: 9.46 min Scan# 1118

Delta R.T. -0.09 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

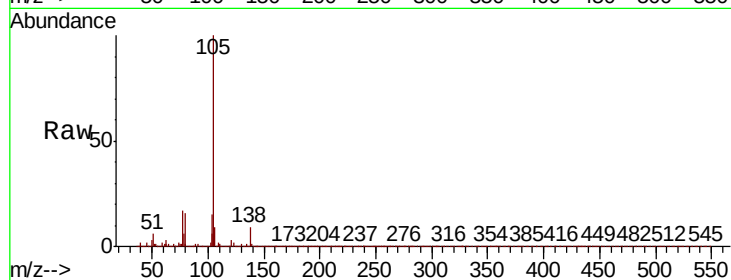
Tot Ion:139 Resp: 45086

Ion Ratio Lower Upper

139 100

109 295.8 22.1 33.1#

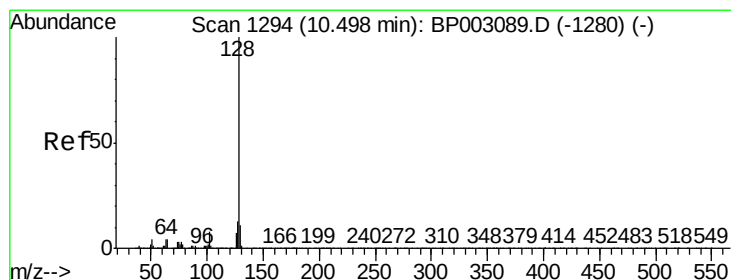
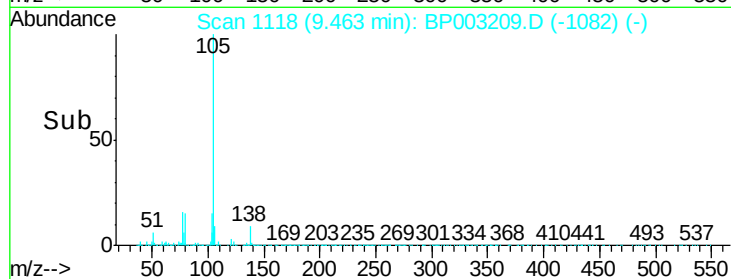
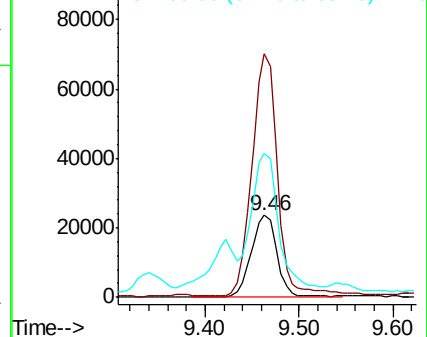
65 175.5 26.5 39.7#



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): BPO



#31

Naphthalene

Concen: 1856.740 ng

RT: 10.49 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

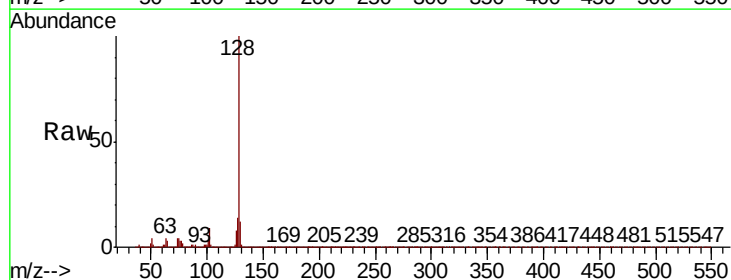
Tgt Ion:128 Resp: 6140975

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

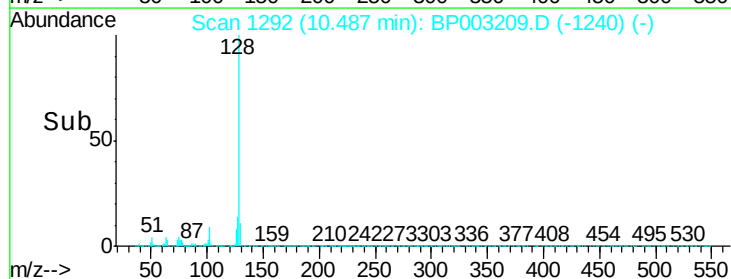
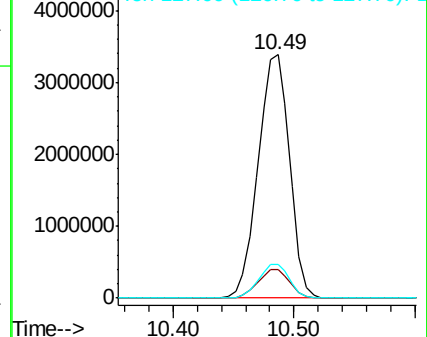
127 13.9 10.6 15.8

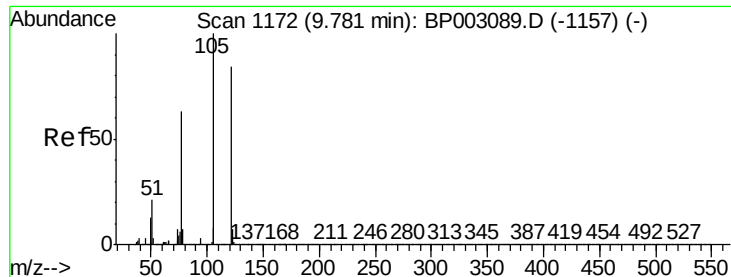


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

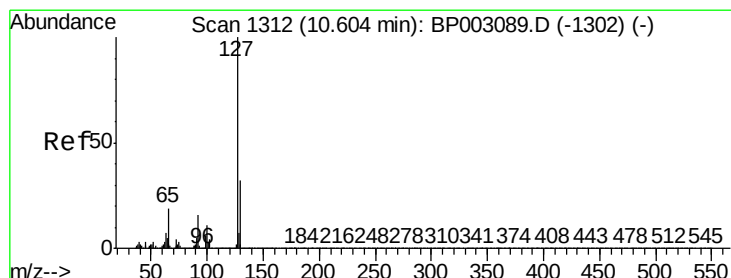
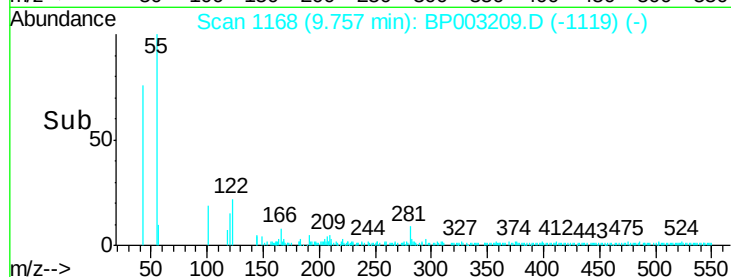
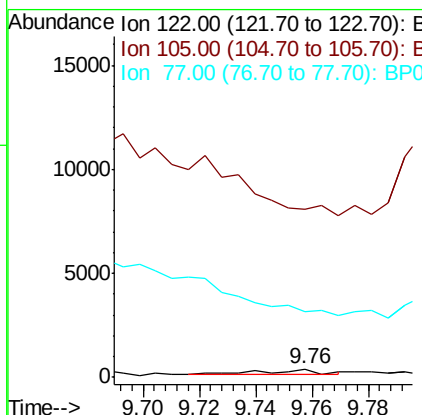
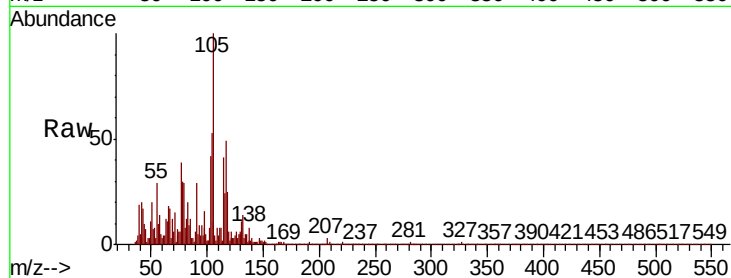




#32
Benzoic acid
Concen: 9.450 ng
RT: 9.76 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

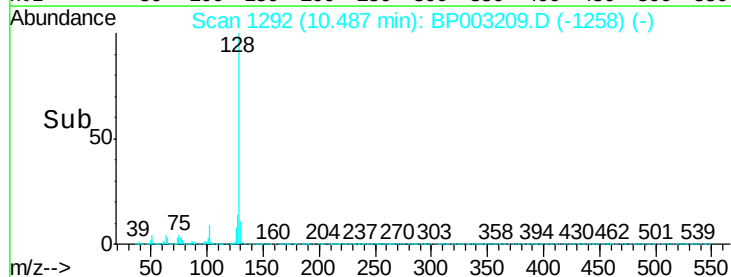
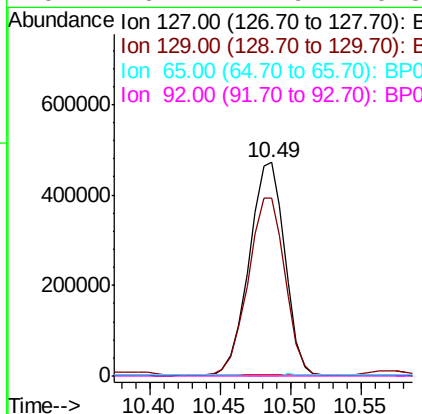
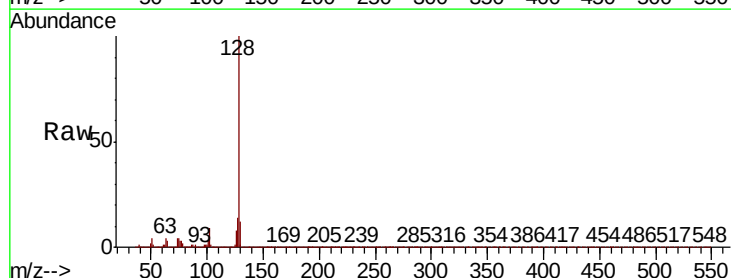
Instrument :
BNA_P
ClientSampleId :
TP-1

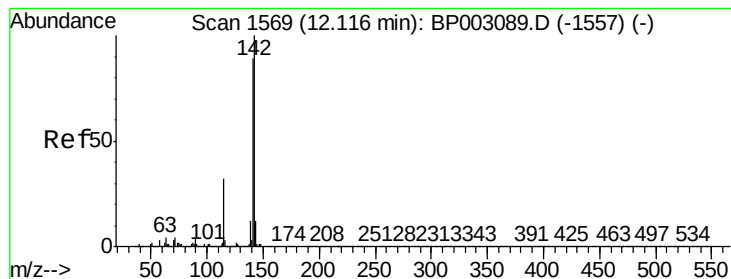
Tot Ion:122 Resp: 339
Ion Ratio Lower Upper
122 100
105 1961.3 94.1 134.1#
77 766.4 50.1 90.1#



#33
4-Chloroaniline
Concen: 605.166 ng
RT: 10.49 min Scan# 1292
Delta R.T. -0.10 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion:127 Resp: 836282
Ion Ratio Lower Upper
127 100
129 83.4 25.7 38.5#
65 0.0 17.3 25.9#
92 0.1 12.9 19.3#





#37

2-Methylnaphthalene

Concen: 390.629 ng

RT: 12.32 min Scan# 1604

Delta R.T. 0.22 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

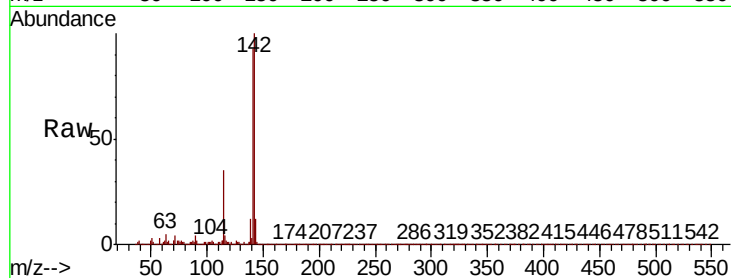
Tot Ion:142 Resp: 924213

Ion Ratio Lower Upper

142 100

141 92.9 71.4 107.2

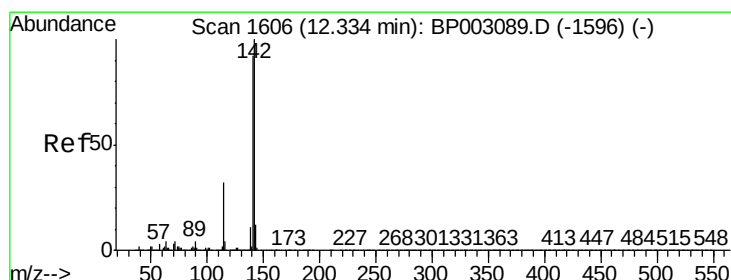
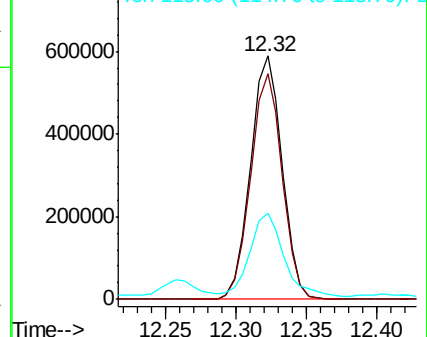
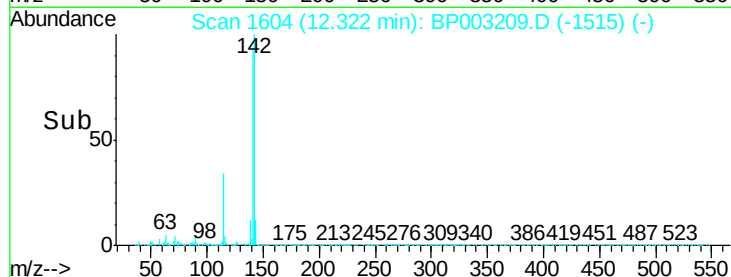
115 35.3 25.8 38.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 411.348 ng

RT: 12.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

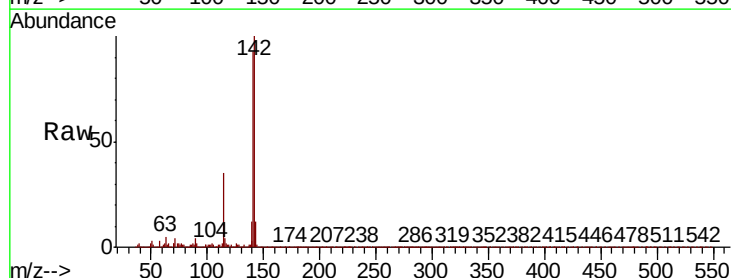
Tgt Ion:142 Resp: 925034

Ion Ratio Lower Upper

142 100

141 92.9 74.4 111.6

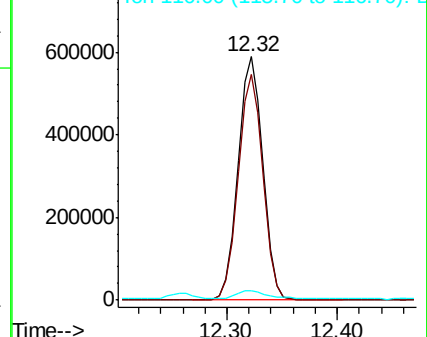
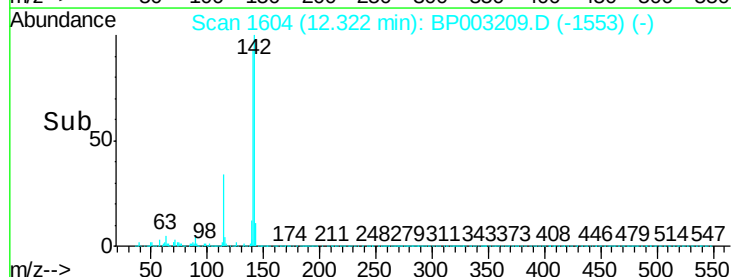
116 4.0 2.9 4.3

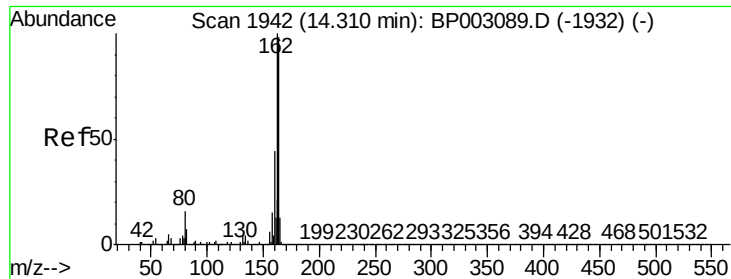


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampled :

TP-1

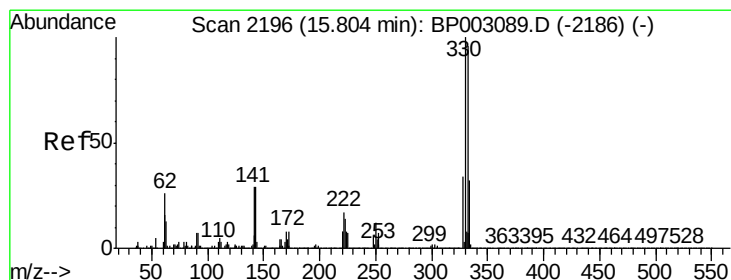
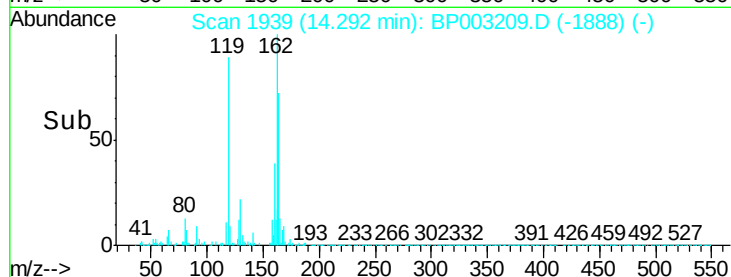
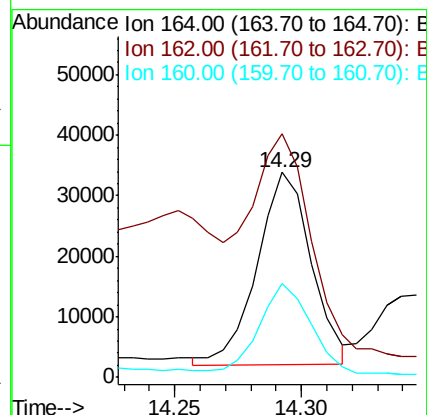
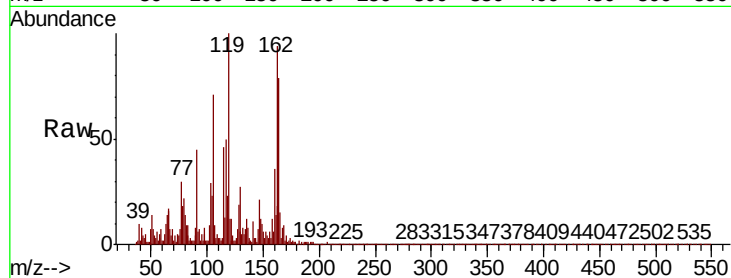
Tot Ion:164 Resp: 47497

Ion Ratio Lower Upper

164 100

162 118.9 79.4 119.2

160 45.7 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 4.900 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

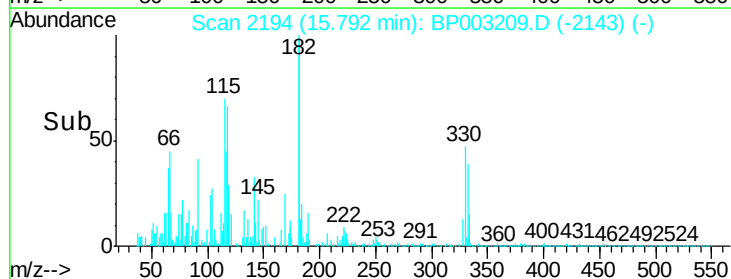
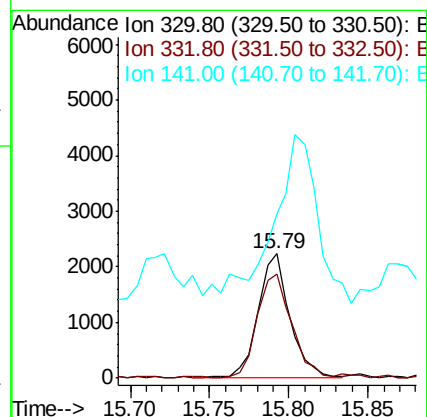
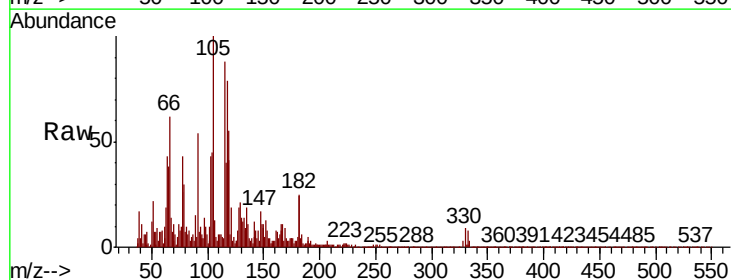
Tgt Ion:330 Resp: 3148

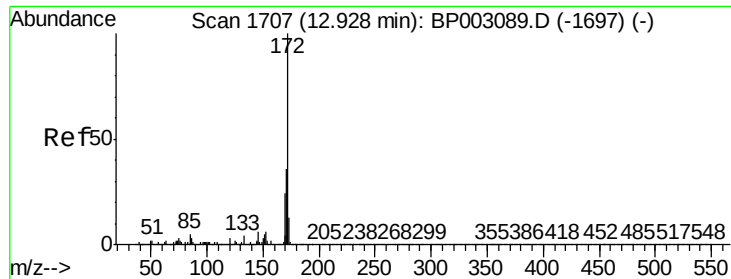
Ion Ratio Lower Upper

330 100

332 88.6 77.1 115.7

141 183.9 23.4 35.2#

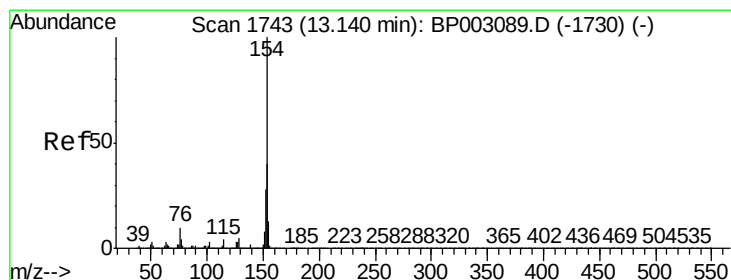
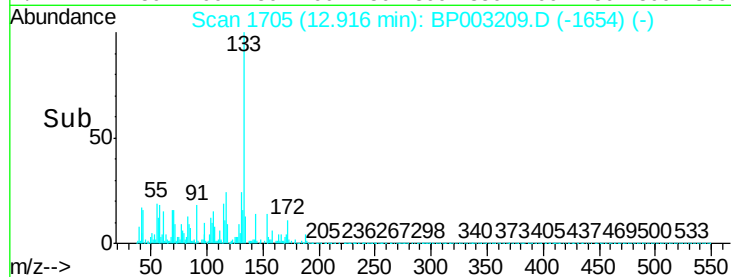
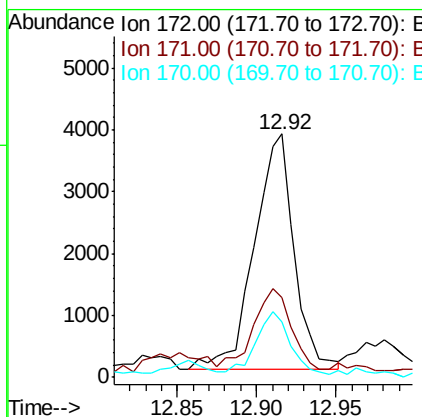
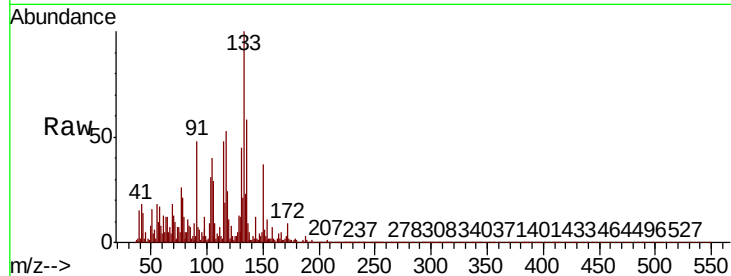




#45
2-Fluorobiphenyl
Concen: 2.047 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

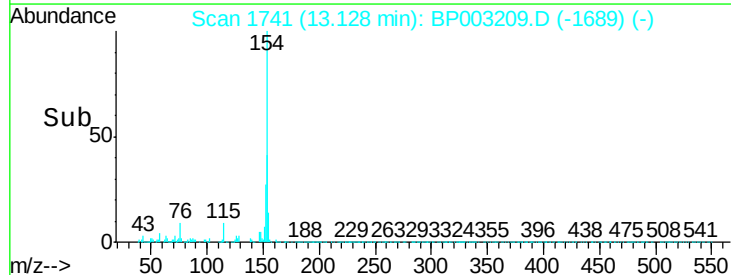
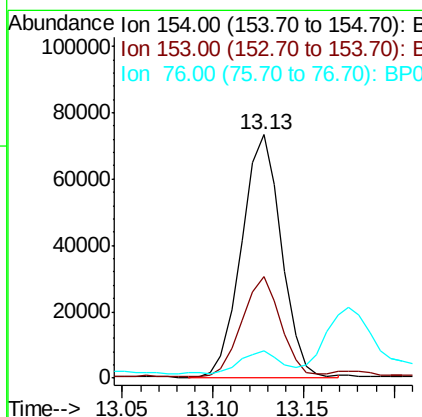
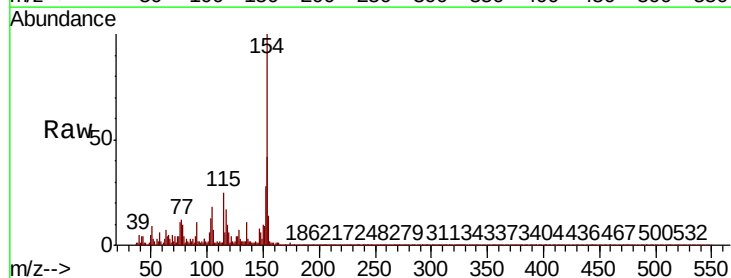
Instrument :
BNA_P
ClientSampleId :
TP-1

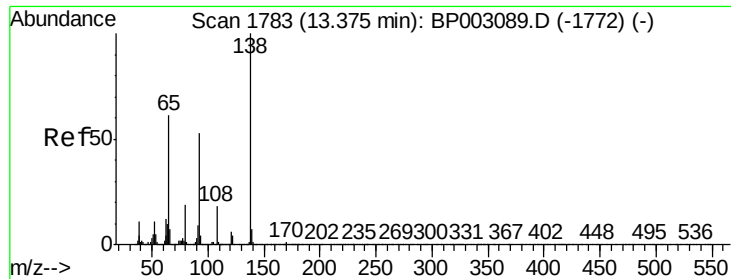
Tot Ion:172 Resp: 6640
Ion Ratio Lower Upper
172 100
171 32.8 28.5 42.7
170 22.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 31.174 ng
RT: 13.13 min Scan# 1741
Delta R.T. 0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion:154 Resp: 111061
Ion Ratio Lower Upper
154 100
153 41.5 20.4 60.4
76 11.0 0.0 29.3

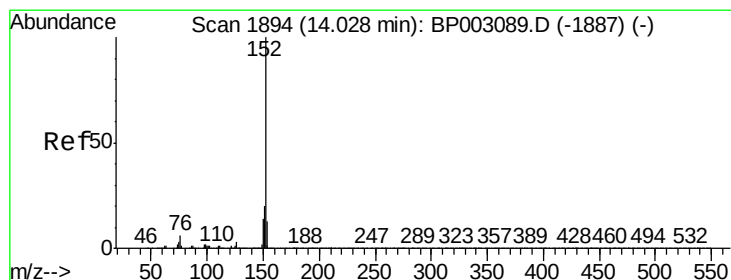
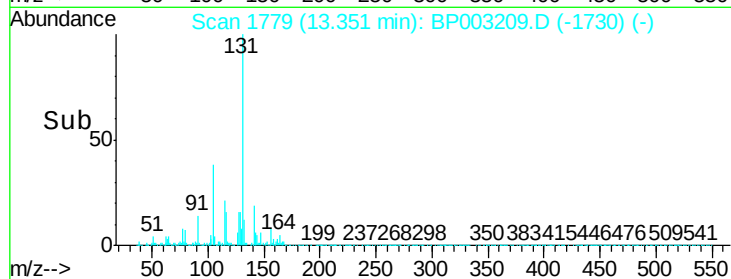
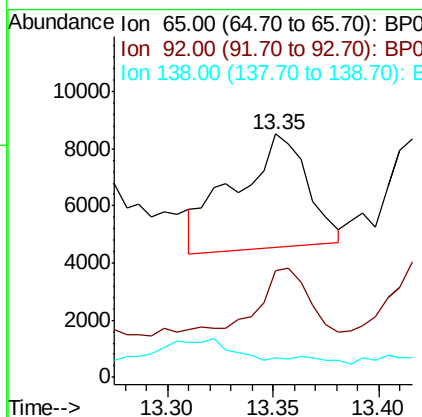
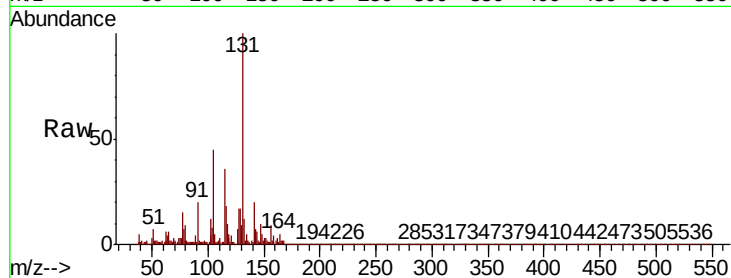




#48
2-Nitroaniline
Concen: 17.384 ng
RT: 13.35 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

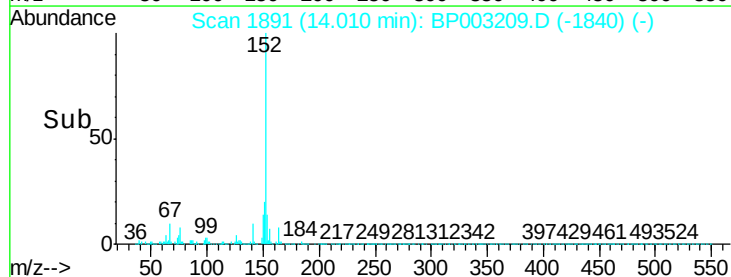
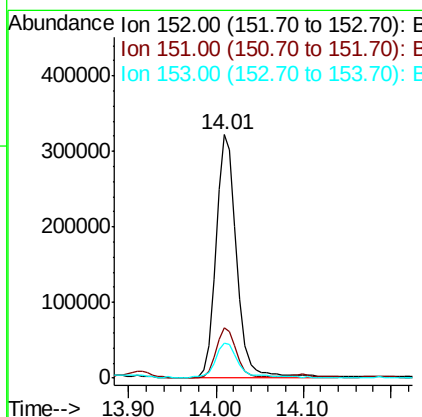
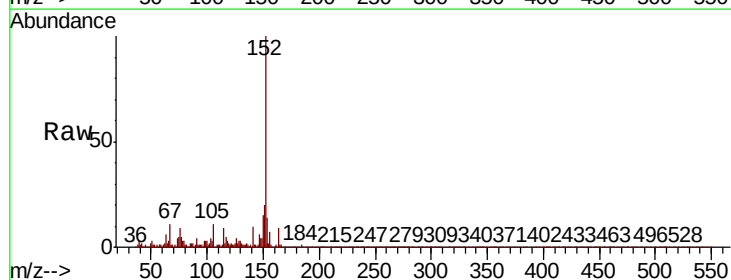
Instrument :
BNA_P
ClientSampled :
TP-1

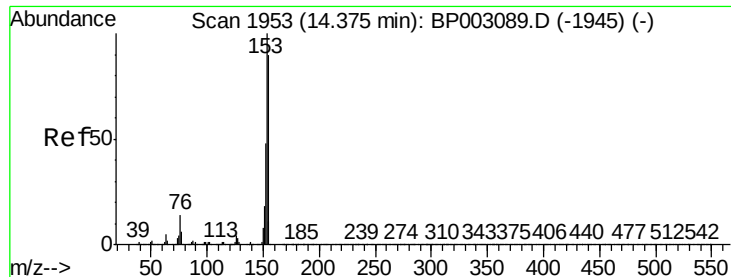
Tot Ion: 65 Resp: 9492
Ion Ratio Lower Upper
65 100
92 43.8 70.6 106.0#
138 8.1 133.6 200.4#



#49
Acenaphthylene
Concen: 118.328 ng
RT: 14.01 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion: 152 Resp: 521789
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 14.5 10.5 15.7





#52

Acenaphthene

Concen: 26.286 ng

RT: 14.36 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

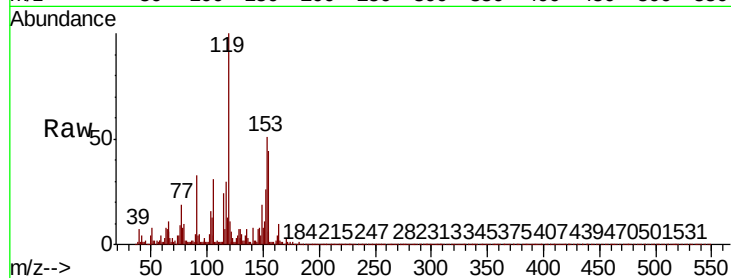
Tot Ion:154 Resp: 71212

Ion Ratio Lower Upper

154 100

153 116.4 91.0 136.6

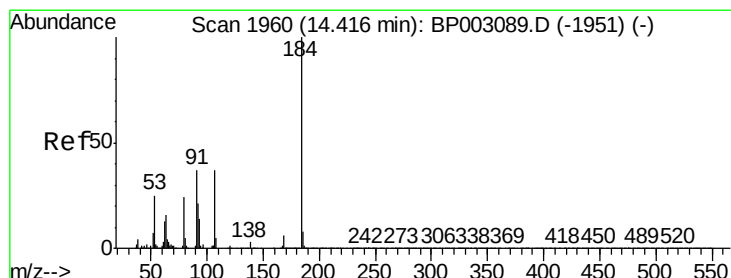
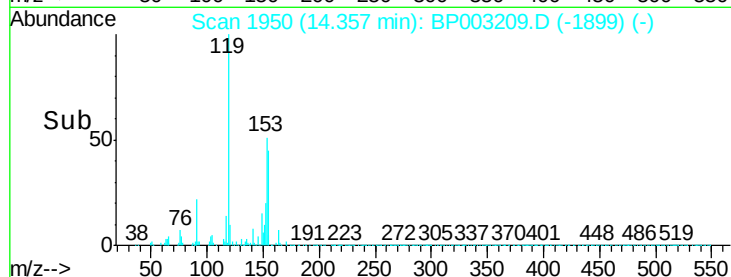
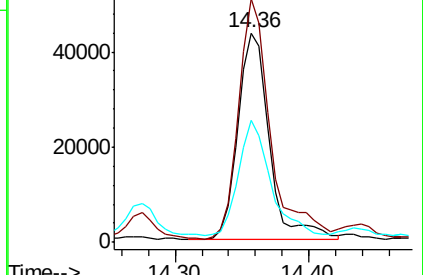
152 58.4 43.0 64.6



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: 20.261 ng

RT: 14.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

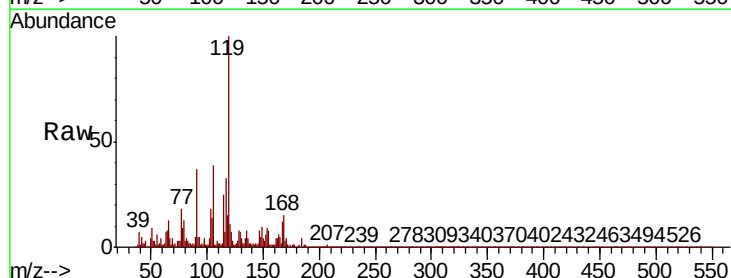
Tgt Ion:184 Resp: 5695

Ion Ratio Lower Upper

184 100

63 173.4 32.3 48.5#

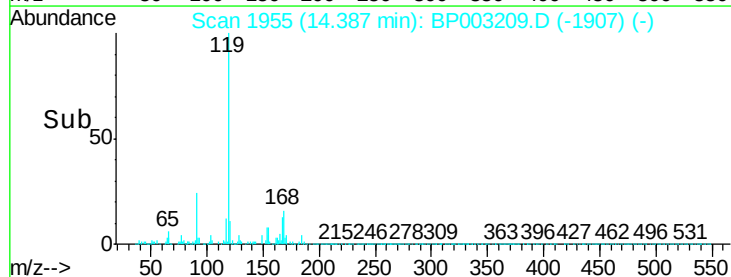
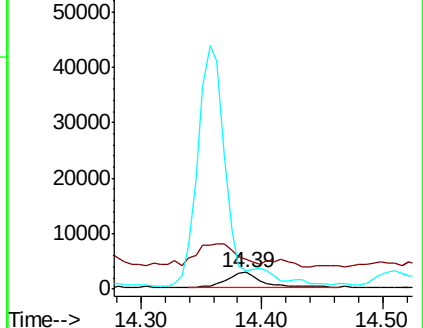
154 106.7 49.1 73.7#

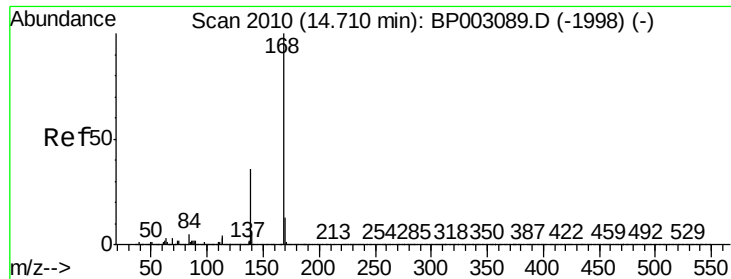


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 8.123 ng

RT: 14.69 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampled :

TP-1

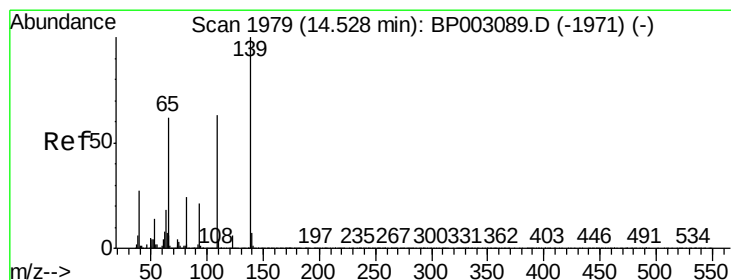
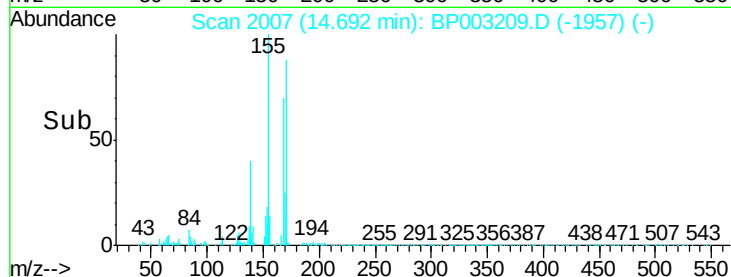
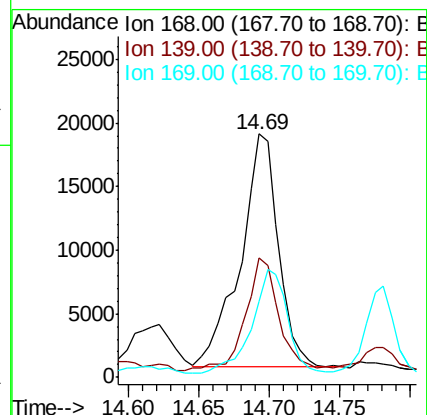
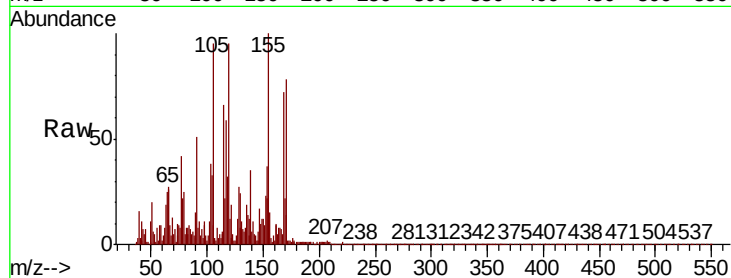
Tot Ion:168 Resp: 34558

Ion Ratio Lower Upper

168 100

139 49.3 29.1 43.7#

169 31.3 10.4 15.6#



#56

4-Nitrophenol

Concen: 8.370 ng

RT: 14.52 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

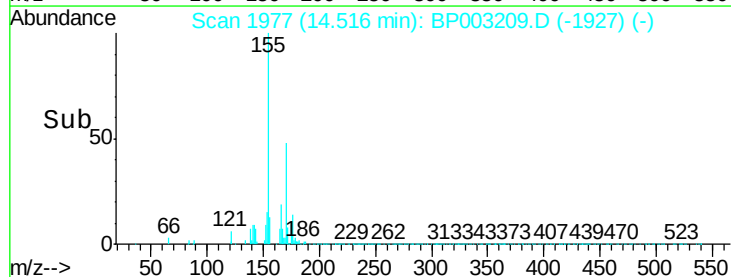
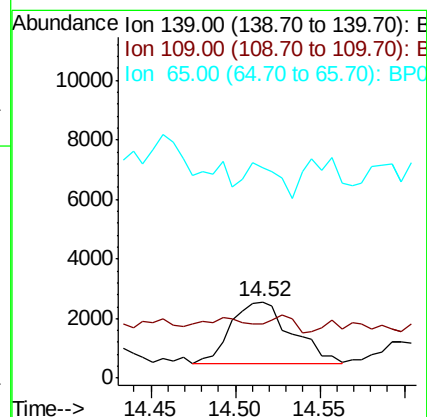
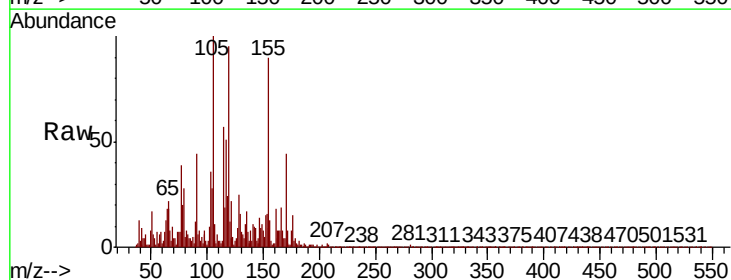
Tgt Ion:139 Resp: 5136

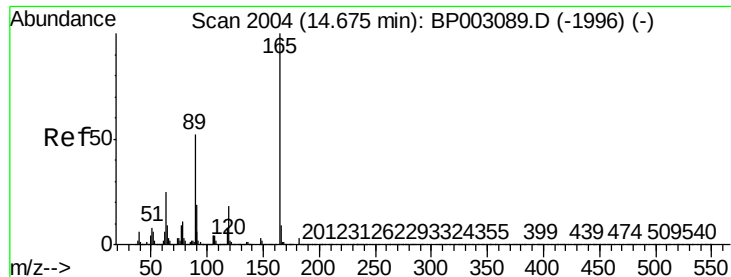
Ion Ratio Lower Upper

139 100

109 71.3 44.6 84.6

65 277.3 41.6 81.6#

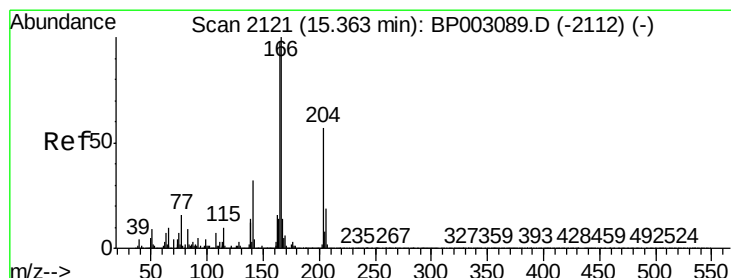
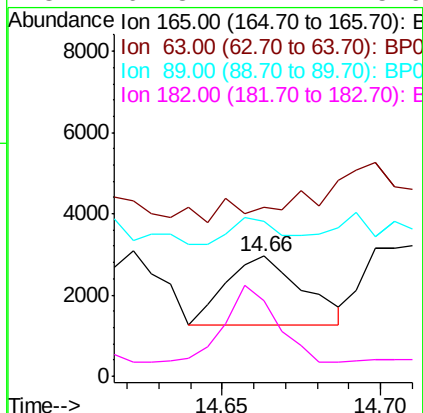
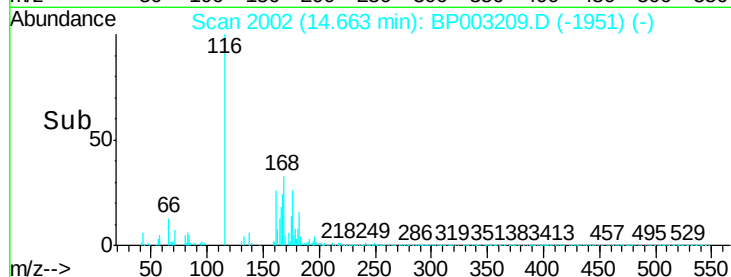
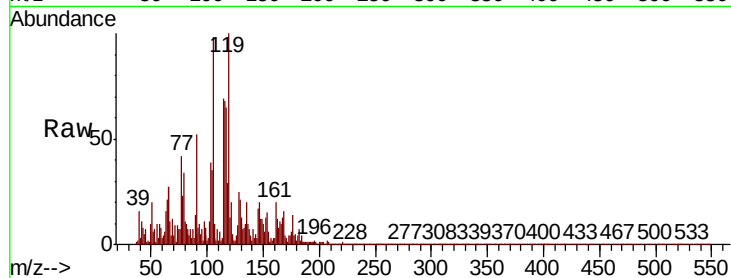




#57
2,4-Dinitrotoluene
Concen: 2.772 ng
RT: 14.66 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

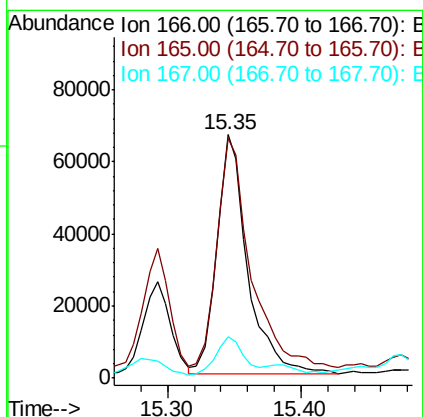
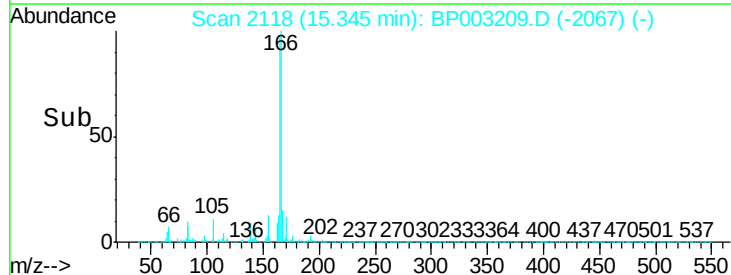
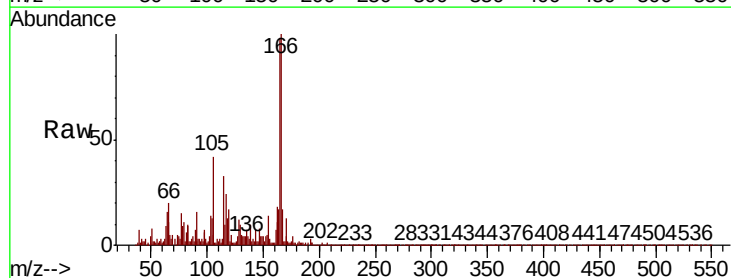
Instrument :
BNA_P
ClientSampleId :
TP-1

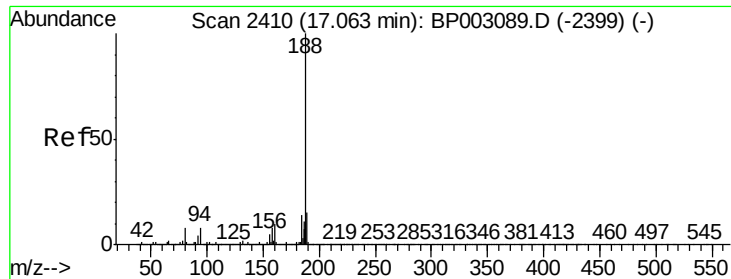
Tot Ion:165 Resp: 2806
Ion Ratio Lower Upper
165 100
63 140.4 20.6 31.0#
89 128.7 42.6 63.8#
182 62.8 2.4 3.6#



#58
Fluorene
Concen: 32.549 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion:166 Resp: 106678
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 17.1 11.0 16.4#

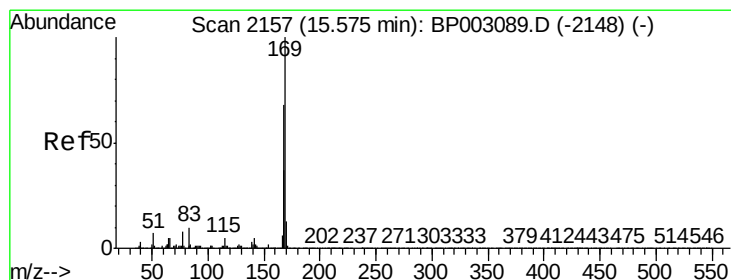
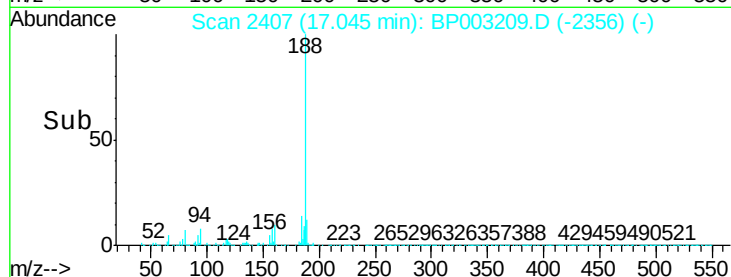
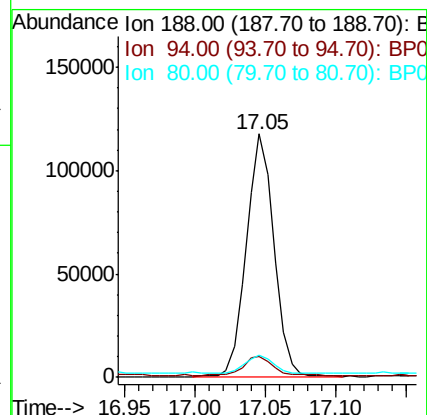
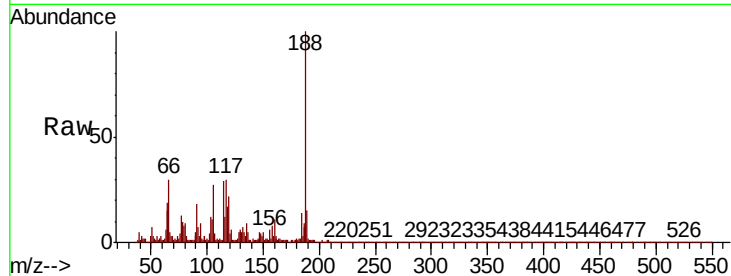




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

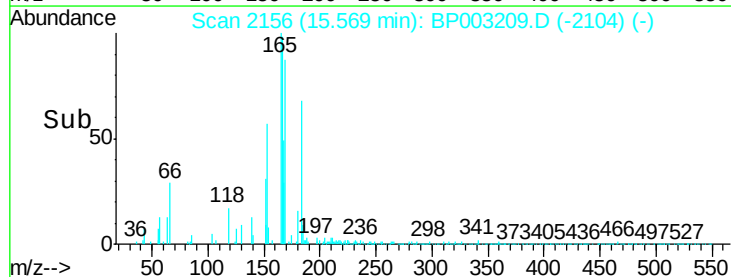
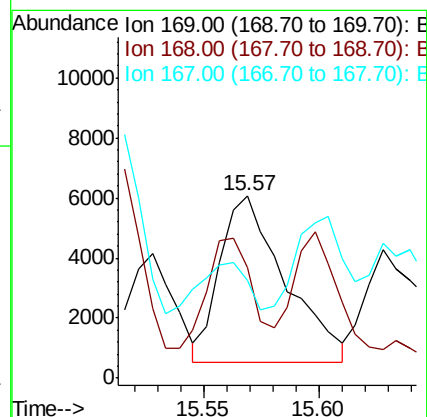
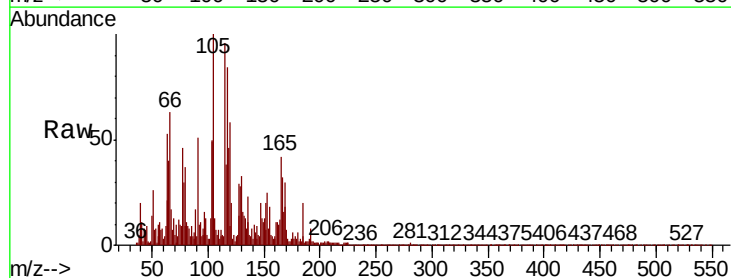
Instrument :
BNA_P
ClientSampleId :
TP-1

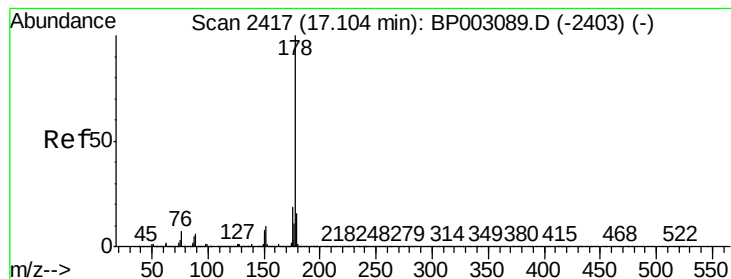
Tot Ion:188 Resp: 159934
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 8.9 6.2 9.2



#66
n-Nitrosodiphenylamine
Concen: 2.331 ng
RT: 15.57 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion:169 Resp: 10902
Ion Ratio Lower Upper
169 100
168 60.9 53.8 80.6
167 53.4 28.9 43.3#





#71

Phenanthrene

Concen: 38.441 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

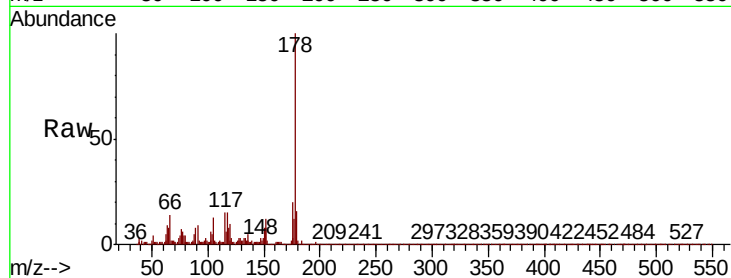
Tot Ion:178 Resp: 333140

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

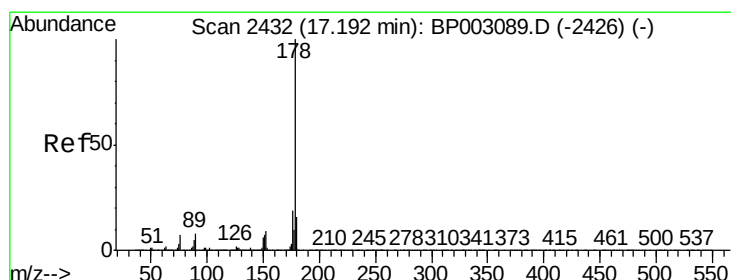
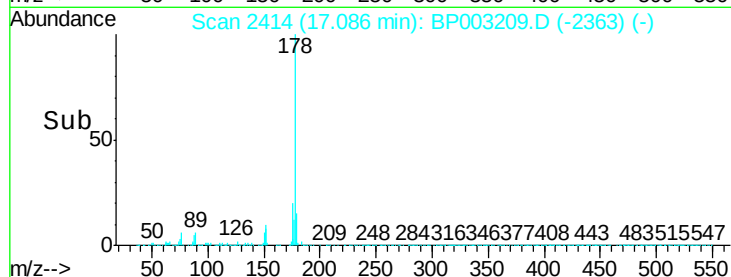
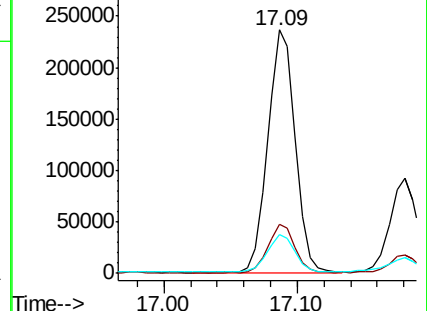
179 15.7 12.5 18.7



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: 15.426 ng

RT: 17.18 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

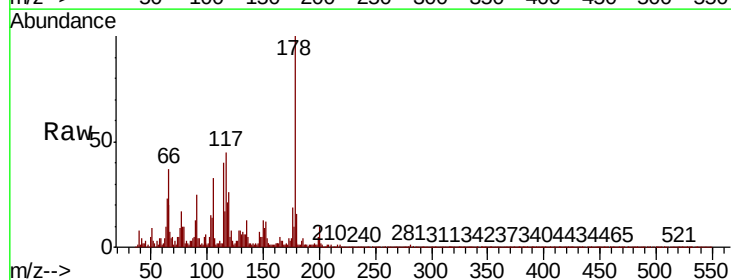
Tgt Ion:178 Resp: 127948

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

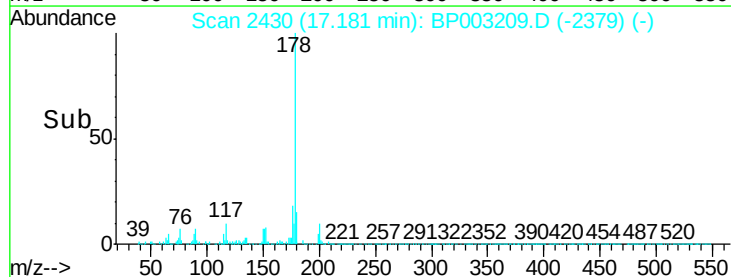
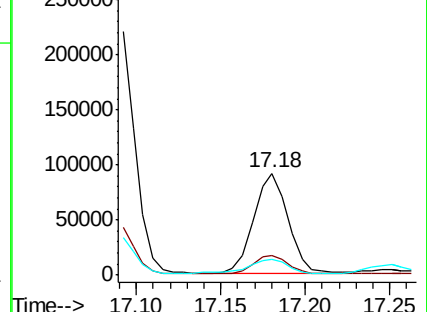
179 16.1 12.5 18.7

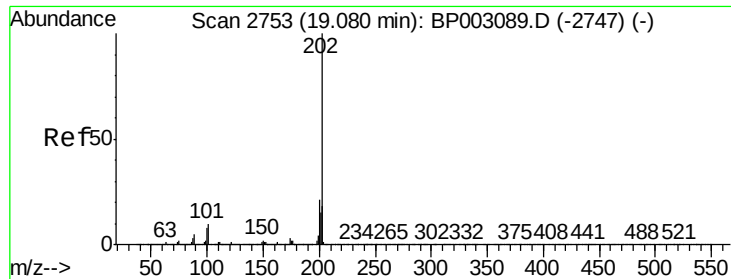


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 18.385 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

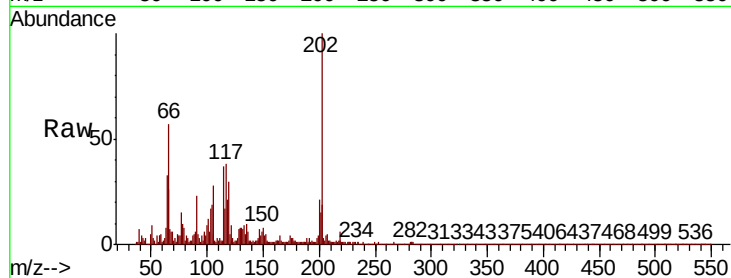
Tot Ion:202 Resp: 184143

Ion Ratio Lower Upper

202 100

101 11.6 0.0 29.4

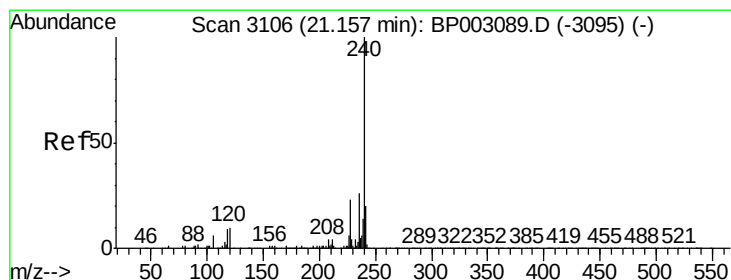
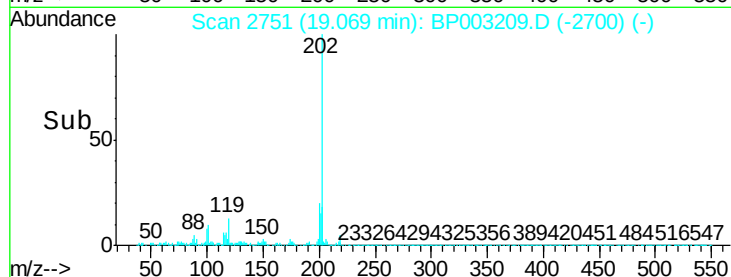
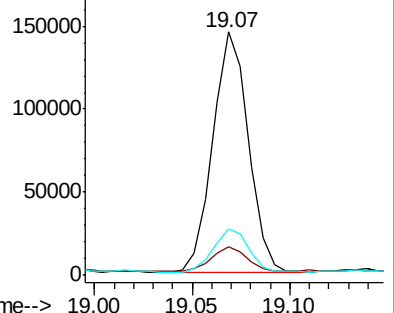
203 18.9 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

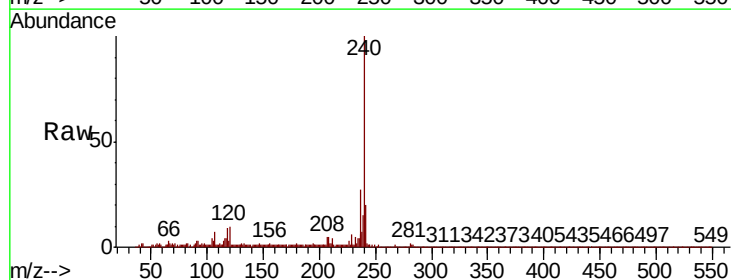
Tgt Ion:240 Resp: 716421

Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

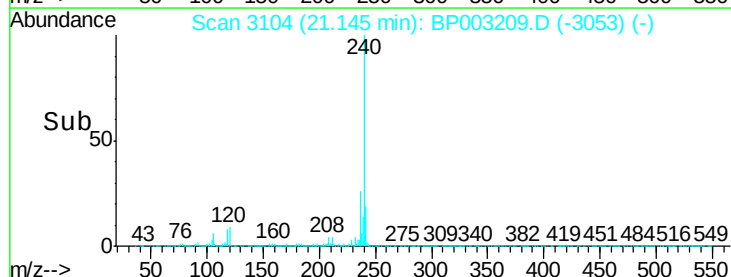
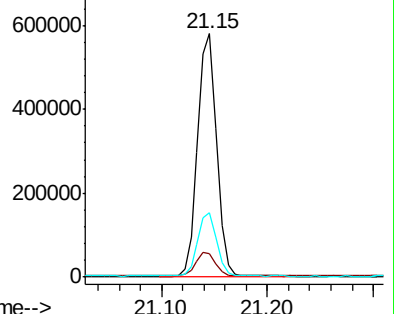
236 26.7 20.8 31.2

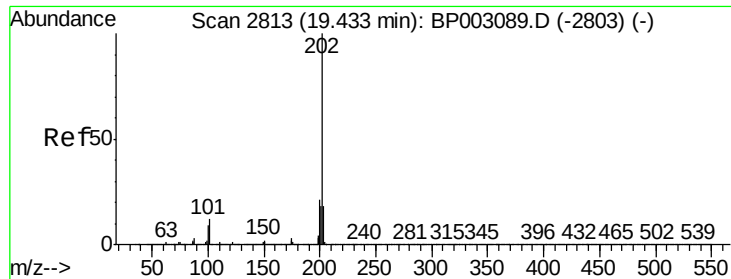


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

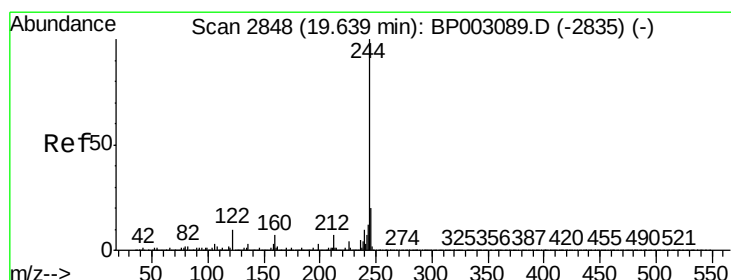
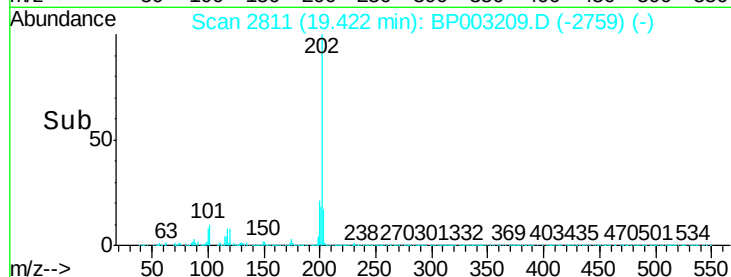
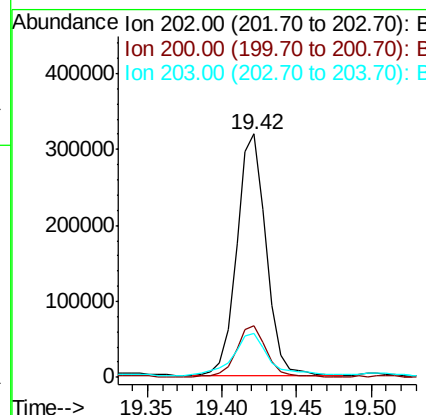
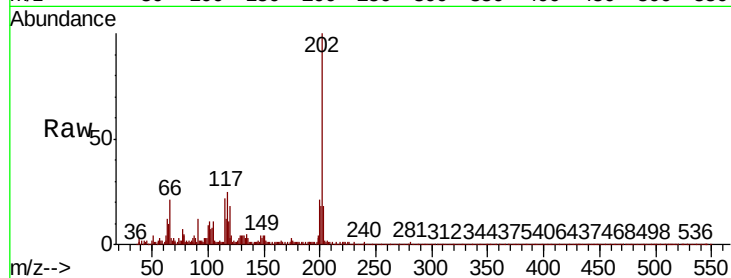




#78
 Pvrene
 Concen: 9.328 ng
 RT: 19.42 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BP003209.D
 Acq: 04 Sep 2020 13:44

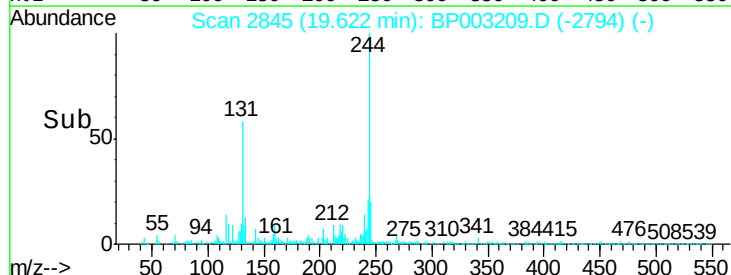
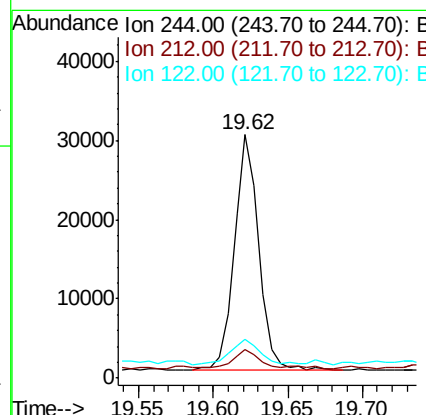
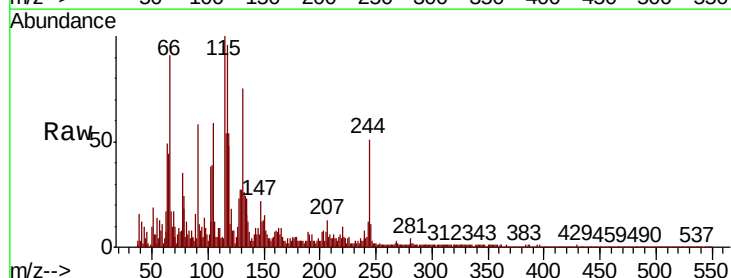
Instrument :
 BNA_P
 ClientSampleId :
 TP-1

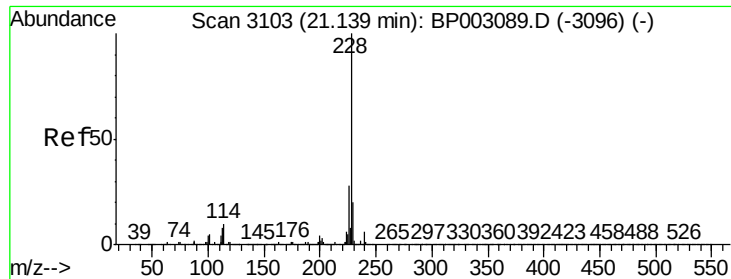
Tot Ion:	202	Resp:	433726
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.9	14.2	21.2



#79
 Terphenyl-d14
 Concen: 1.052 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003209.D
 Acq: 04 Sep 2020 13:44

Tgt Ion:	244	Resp:	34262
Ion	Ratio	Lower	Upper
244	100		
212	11.8	5.8	8.6#
122	15.8	7.8	11.8#





#81

Benzo(a)anthracene

Concen: 5.585 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

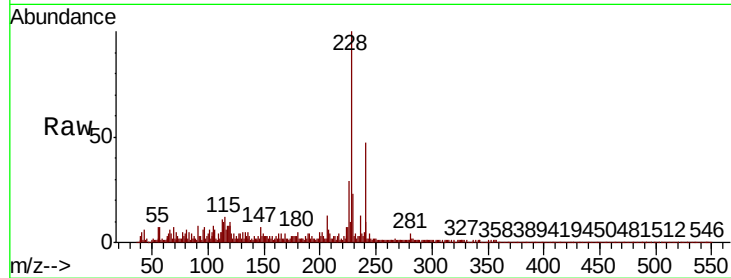
BNA_P

ClientSampled :

TP-1

Tot Ion:228 Resp: 250610

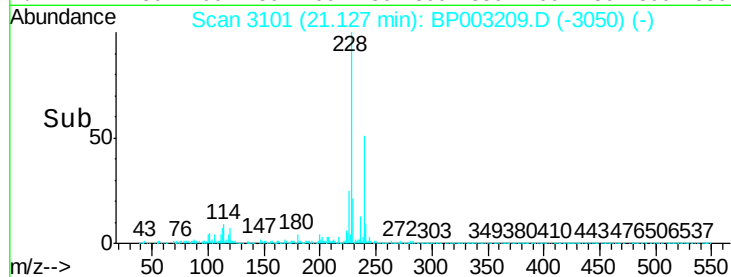
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.1	33.1
229	23.2	15.9	23.9



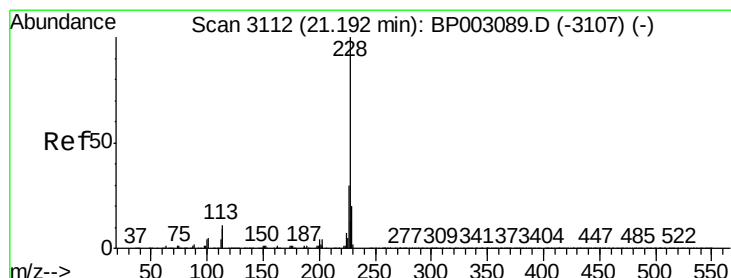
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 5.833 ng

RT: 21.13 min Scan# 3101

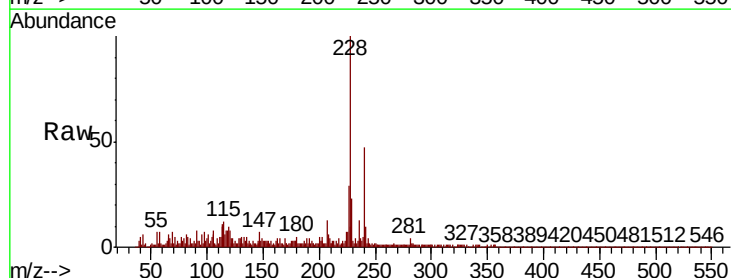
Delta R.T. -0.05 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Tgt Ion:228 Resp: 250610

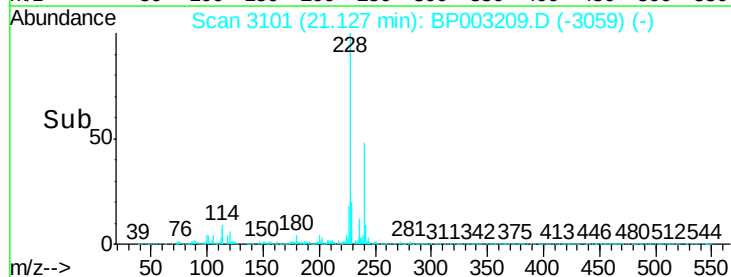
Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.4	36.6
229	23.2	15.8	23.6



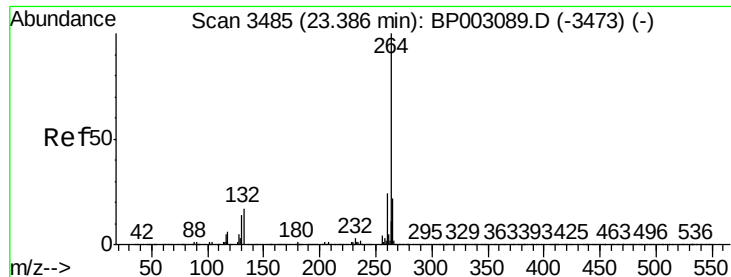
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



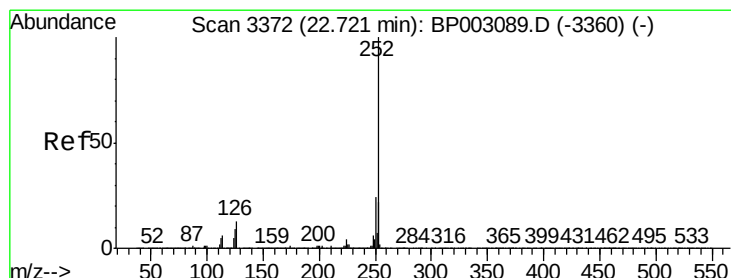
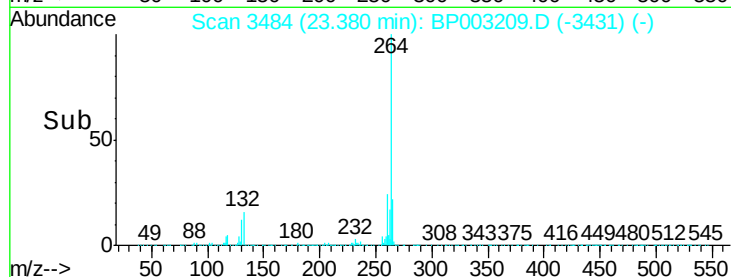
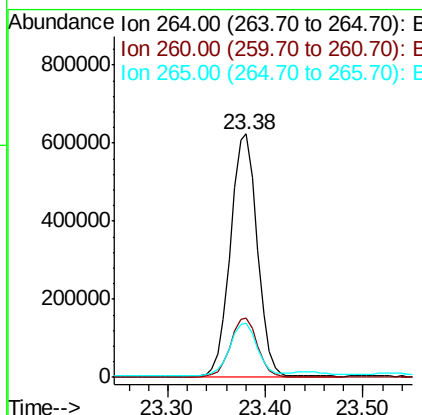
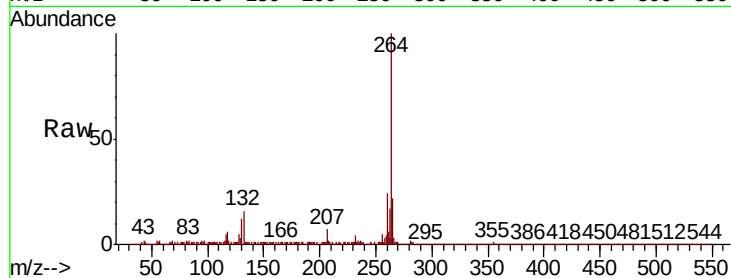
Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

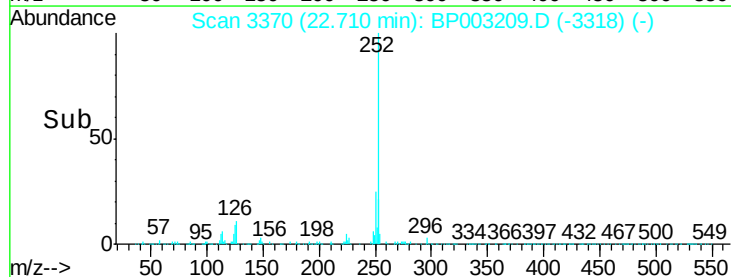
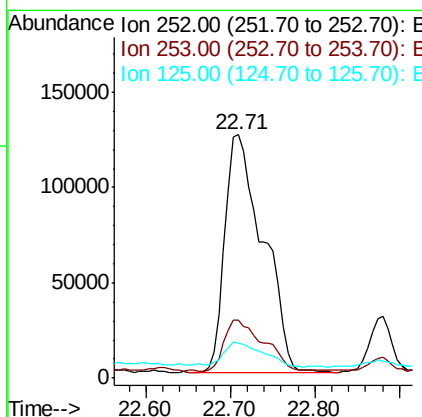
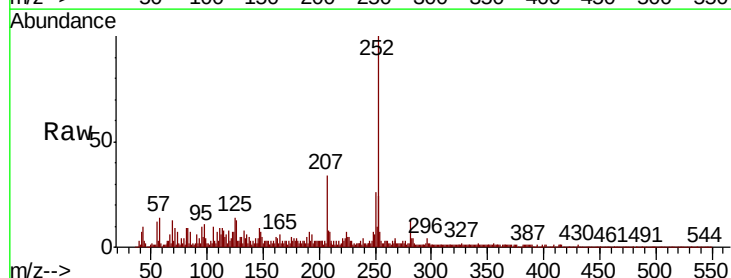
Instrument :
BNA_P
ClientSampled :
TP-1

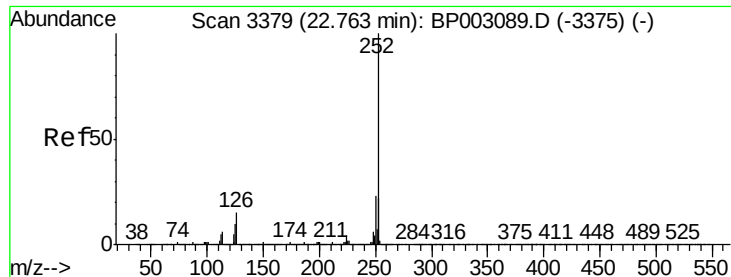
Tot Ion:264 Resp: 1186454
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.2 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 5.314 ng
RT: 22.71 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion:252 Resp: 391884
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 14.4 7.3 10.9#

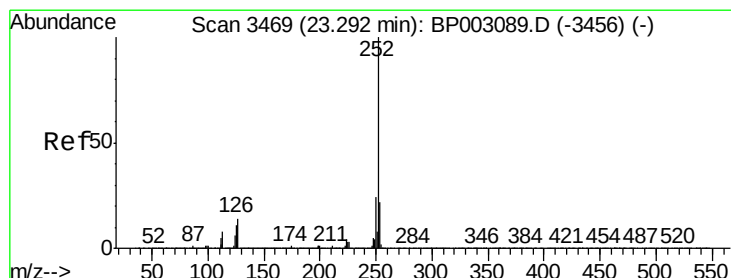
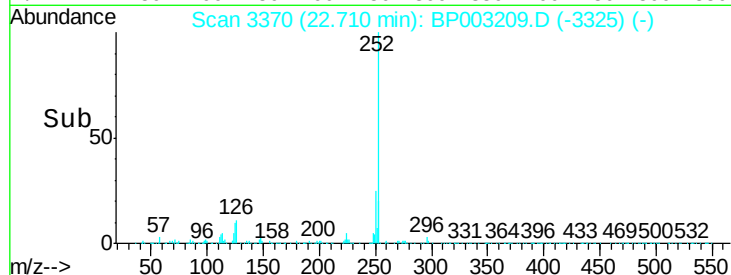
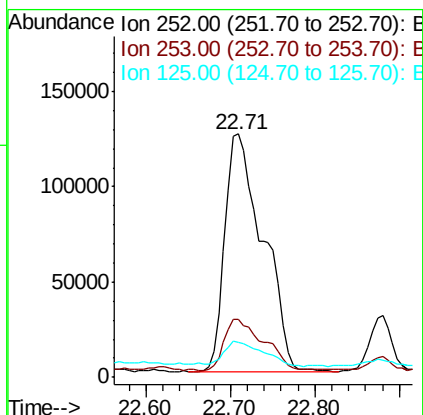
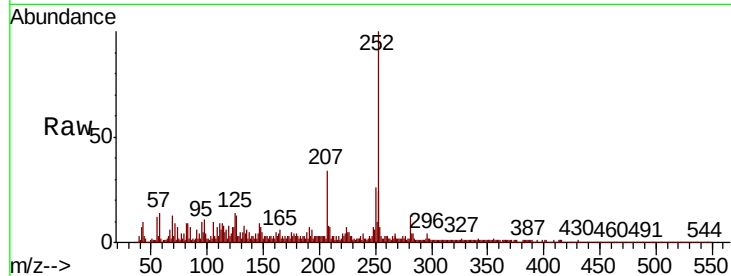




#89
Benzo(k)fluoranthene
Concen: 5.562 ng
RT: 22.71 min Scan# 3379
Delta R.T. -0.04 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

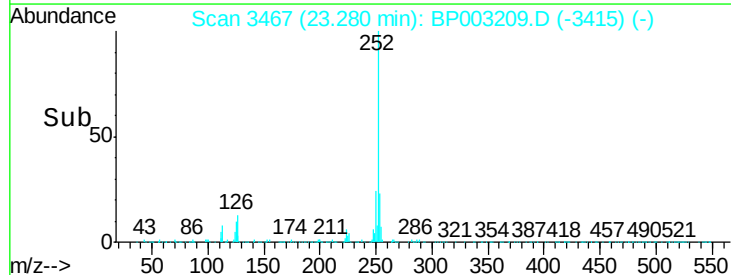
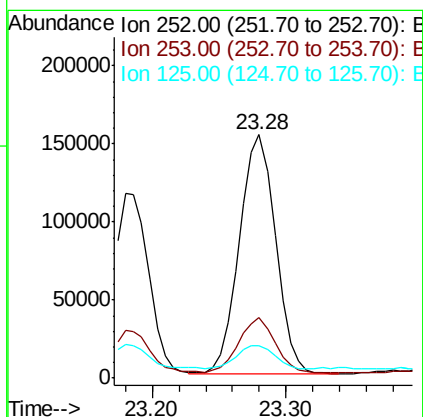
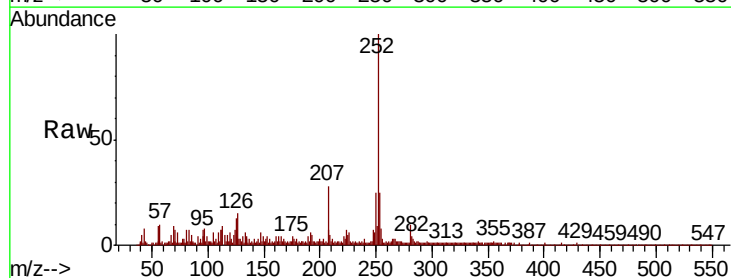
Instrument :
BNA_P
ClientSampleId :
TP-1

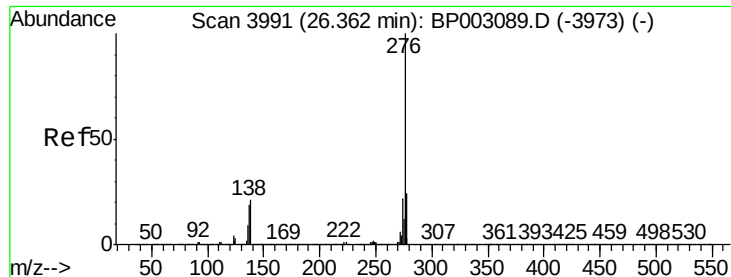
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	14.4	7.4	11.2



#90
Benzo(a)pyrene
Concen: 4.193 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003209.D
Acq: 04 Sep 2020 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	13.5	8.2	12.4





#92

Benzo(a,h,i)perylene

Concen: 2.929 ng

RT: 26.34 min Scan# 3987

Delta R.T. 0.01 min

Lab File: BP003209.D

Acq: 04 Sep 2020 13:44

Instrument :

BNA_P

ClientSampleId :

TP-1

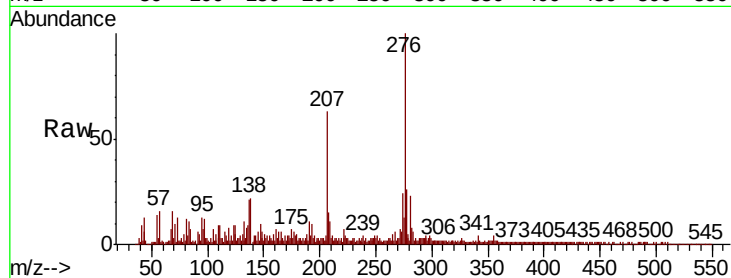
Tot Ion: 276 Resp: 213660

Ion Ratio Lower Upper

276 100

277 25.9 19.0 28.6

138 21.7 16.6 24.8



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

