

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003214.D
 Acq On : 04 Sep 2020 16:42
 Operator : CG/JU
 Sample : L3877-19 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Sep 04 17:32:45 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	272983	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	924922	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	591927	20.00	ng	0.01
64) Phenanthrene-d10	17.06	188	1270375	20.00	ng	0.01
76) Chrysene-d12	21.15	240	1010084	20.00	ng	0.00
86) Perylene-d12	23.38	264	1123538	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	595199	38.55	ng	0.00
7) Phenol-d6	6.84	99	700856	36.21	ng	0.00
23) Nitrobenzene-d5	8.80	82	412668	32.16	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	332227	41.50	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	998412	24.70	ng	0.00
79) Terphenyl-d14	19.63	244	1340317	29.20	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.59	79	66129	4.257	ng	# 44
9) Benzaldehyde	6.82	77	32015	3.548	ng	# 1
18) Hexachloroethane	8.70	117	57235	8.280	ng	# 6
24) Nitrobenzene	8.85	77	57579	4.569	ng	# 51
25) Isophorone	9.38	82	242229	10.701	ng	# 1
26) 2-Nitrophenol	9.59	139	30254	4.028	ng	# 1
31) Naphthalene	10.49	128	774694	16.303	ng	# 94
32) Benzoic acid	9.78	122	4066	9.375	ng	# 1
33) 4-Chloroaniline	10.56	127	48368	2.436	ng	# 1
35) Caprolactam	11.33	113	19080	4.532	ng	# 1
36) 4-Chloro-3-methylphenol	11.73	107	27952	2.137	ng	# 37
37) 2-Methylnaphthalene	12.12	142	3368838	99.103	ng	# 97
38) 1-Methylnaphthalene	12.35	142	5217945	161.497	ng	# 100
49) Acenaphthylene	14.02	152	834240	15.180	ng	# 85
50) Dimethylphthalate	13.76	163	108741	2.409	ng	# 41
51) 2,6-Dinitrotoluene	13.88	165	25123	2.678	ng	# 1
52) Acenaphthene	14.37	154	1178462	34.905	ng	# 100
54) 2,4-Dinitrophenol	14.39	184	4406	8.531	ng	# 1
55) Dibenzofuran	14.70	168	449011	8.468	ng	# 58
56) 4-Nitrophenol	14.52	139	118740	15.528	ng	# 76
57) 2,4-Dinitrotoluene	14.67	165	39616	3.141	ng	# 61
58) Fluorene	15.36	166	1757060	43.018	ng	# 96
66) n-Nitrosodiphenylamine	15.57	169	443538	11.940	ng	# 76
71) Phenanthrene	17.10	178	5528556	80.314	ng	# 98
72) Anthracene	17.19	178	2076587	31.520	ng	# 99
75) Fluoranthene	19.08	202	2938390	36.933	ng	# 97
78) Pyrene	19.43	202	4685736	71.475	ng	# 99
81) Benzo(a)anthracene	21.13	228	1650470	26.086	ng	# 93
83) Chrysene	21.19	228	1503963	24.826	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.66	276	555445	6.629	ng	# 96
88) Benzo(b)fluoranthene	22.72	252	1409416	20.183	ng	# 96
89) Benzo(k)fluoranthene	22.72	252	1409416	21.124	ng	# 96
90) Benzo(a)pyrene	23.29	252	1072381	16.553	ng	# 98
91) Dibenzo(a,h)anthracene	25.66	278	175903	2.556	ng	# 82

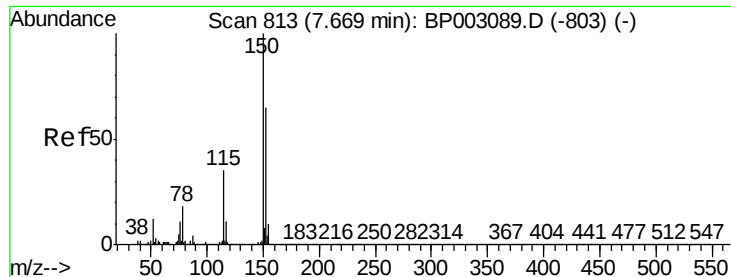
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
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QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(q,h,i)perylene	26.35	276	646948	9.366	ng	98

(#) = 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: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampleId :

TP-4

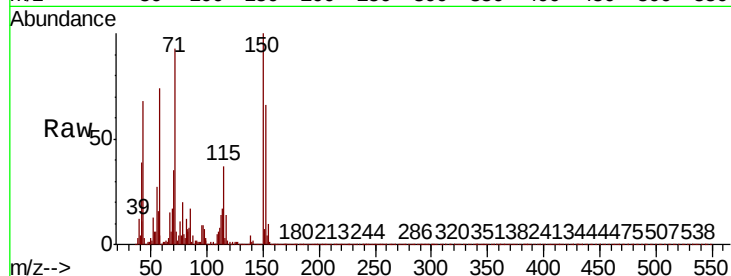
Tot Ion:152 Resp: 272983

Ion Ratio Lower Upper

152 100

150 151.6 123.8 185.6

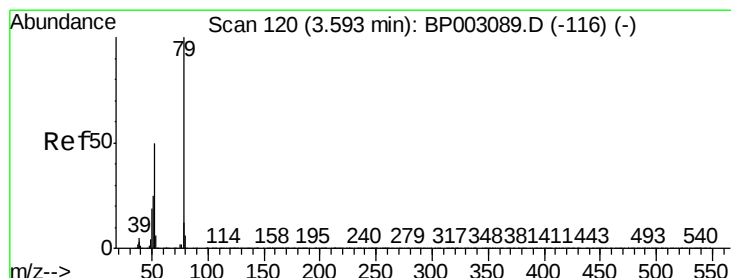
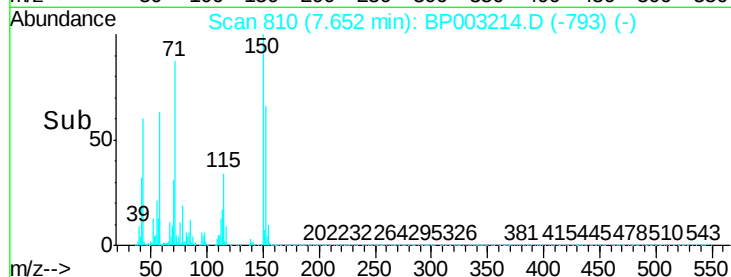
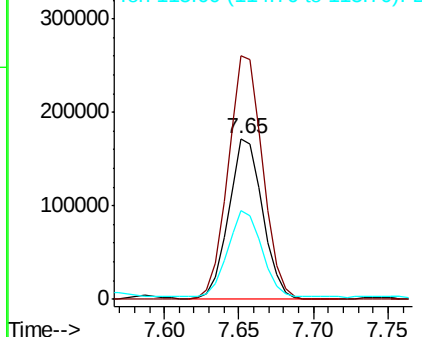
115 55.5 43.8 65.6



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



#3

Pyridine

Concen: 4.257 ng

RT: 3.59 min Scan# 120

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

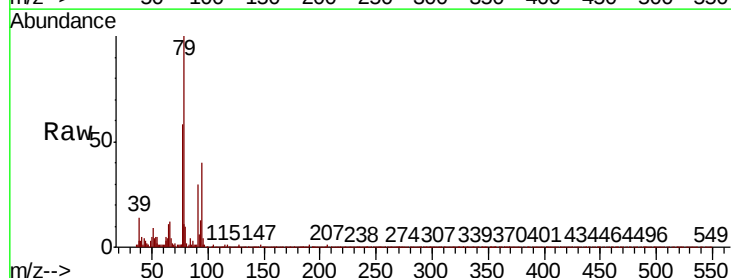
Tgt Ion: 79 Resp: 66129

Ion Ratio Lower Upper

79 100

52 4.5 41.3 61.9#

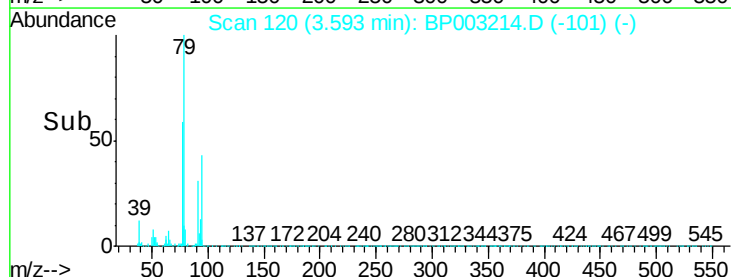
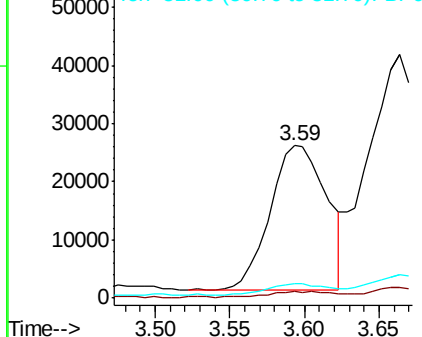
51 9.3 21.2 31.8#

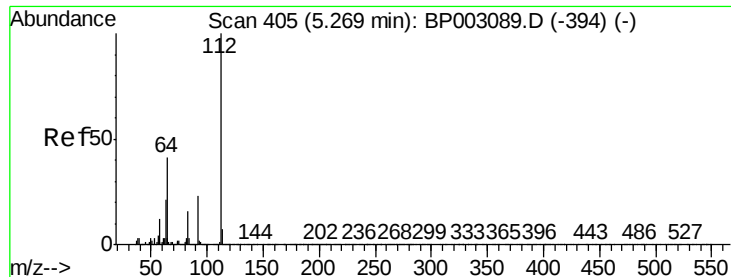


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0





#5

2-Fluorophenol

Concen: 38.549 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampled :

TP-4

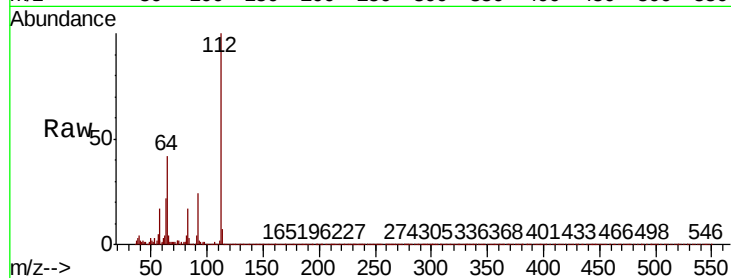
Tot Ion:112 Resp: 595199

Ion Ratio Lower Upper

112 100

64 41.9 32.8 49.2

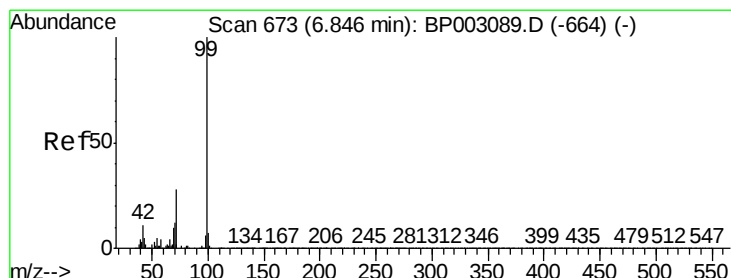
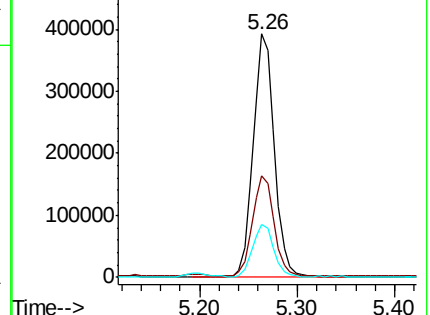
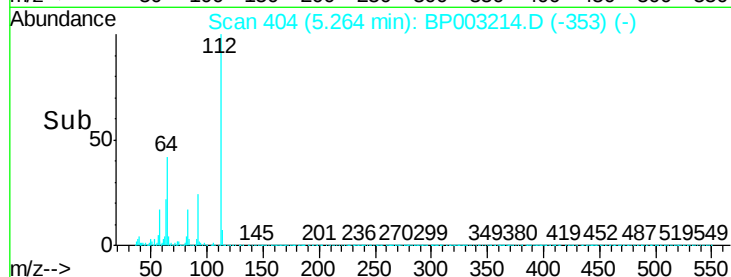
63 21.8 17.0 25.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP

Ion 63.00 (62.70 to 63.70): BP



#7

Phenol-d6

Concen: 36.210 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

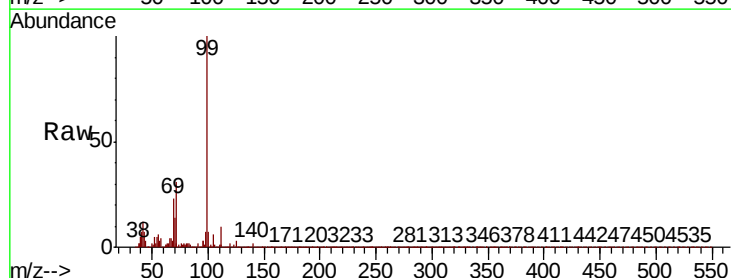
Tgt Ion: 99 Resp: 700856

Ion Ratio Lower Upper

99 100

42 11.9 8.6 13.0

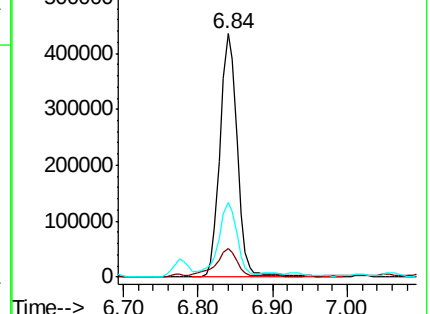
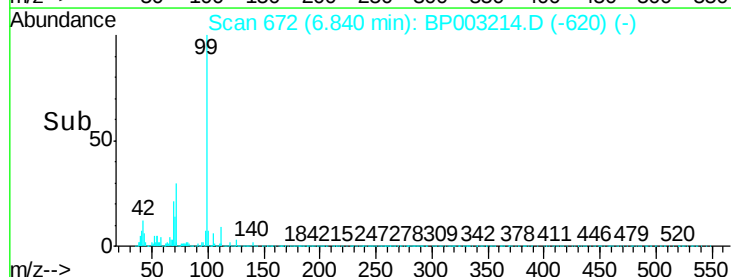
71 30.5 23.4 35.2

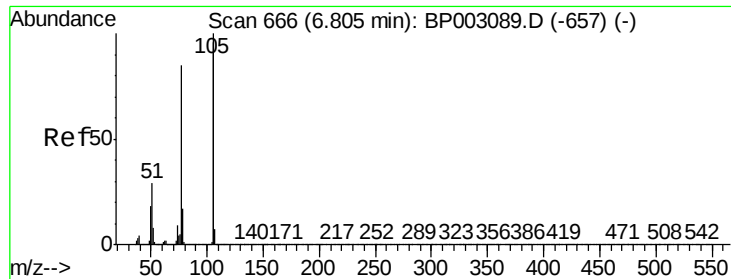


Abundance Ion 99.00 (98.70 to 99.70): BP

Ion 42.00 (41.70 to 42.70): BP

Ion 71.00 (70.70 to 71.70): BP

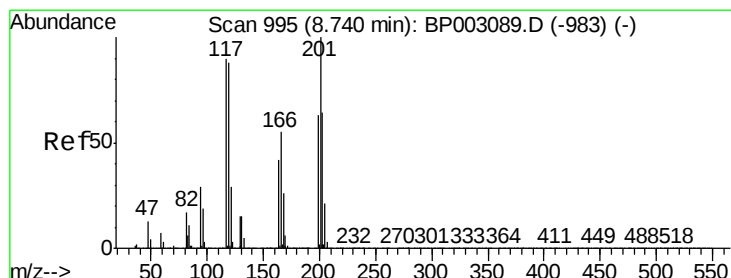
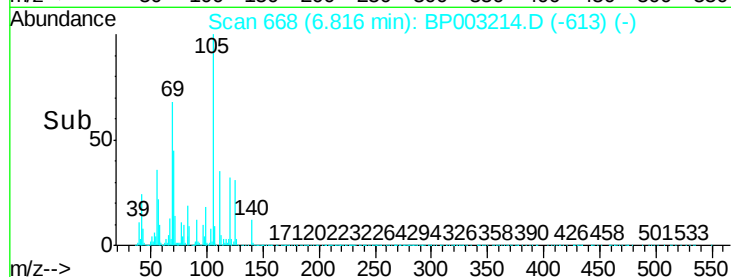
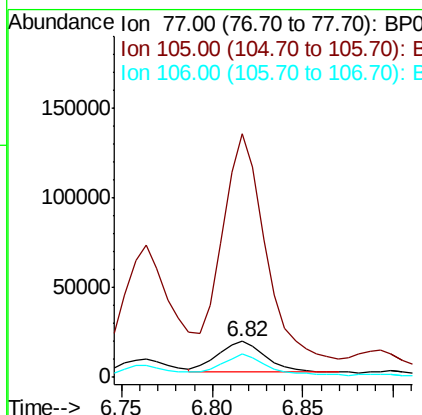
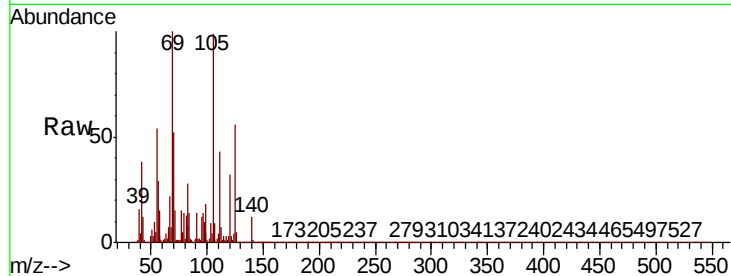




#9
Benzaldehydve
Concen: 3.548 ng
RT: 6.82 min Scan# 668
Delta R.T. 0.02 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

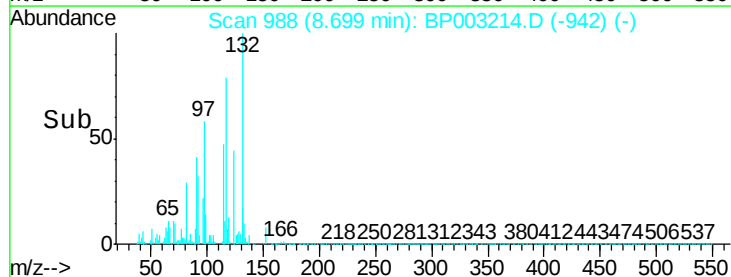
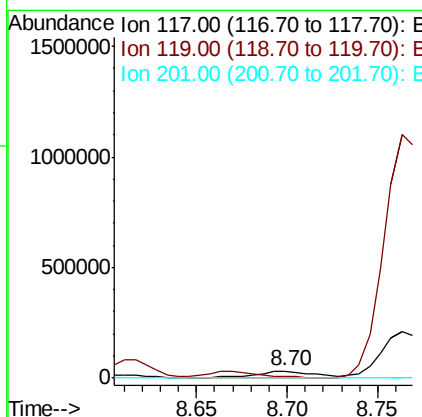
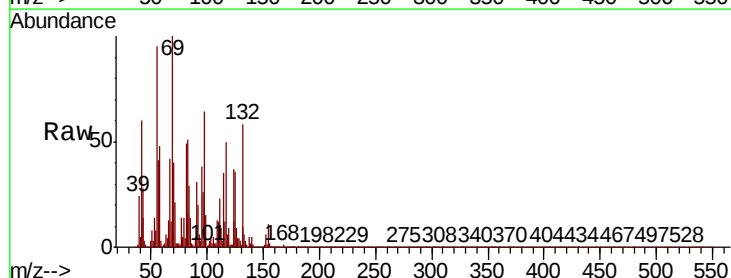
Instrument :
BNA_P
ClientSampleId :
TP-4

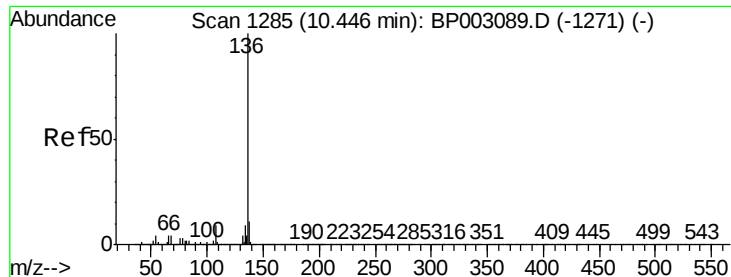
Tot Ion: 77 Resp: 32015
Ion Ratio Lower Upper
77 100
105 683.1 97.1 137.1#
106 64.3 93.7 133.7#



#18
Hexachloroethane
Concen: 8.280 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.03 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion: 117 Resp: 57235
Ion Ratio Lower Upper
117 100
119 19.1 78.8 118.2#
201 0.0 92.3 138.5#

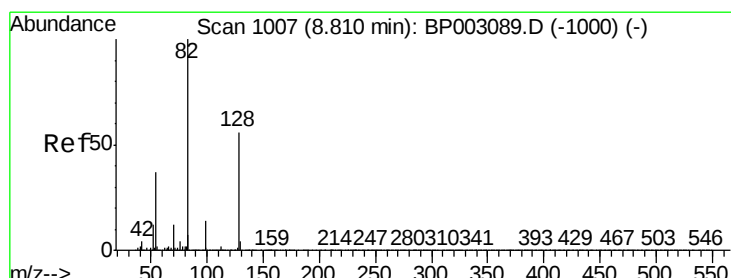
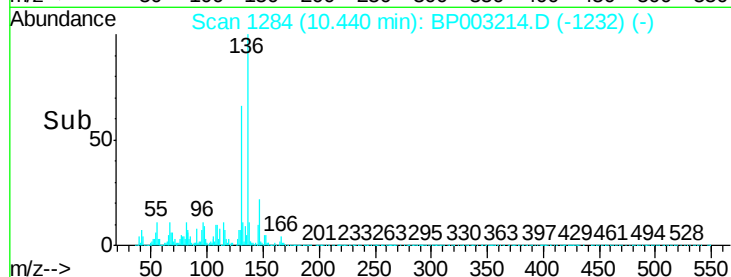
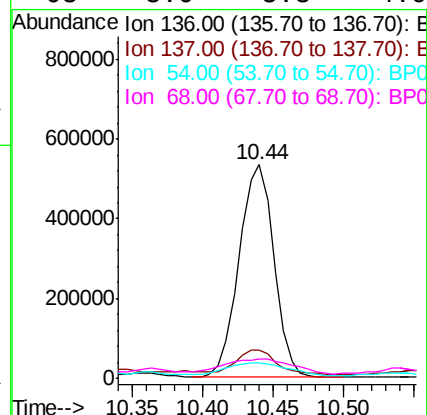
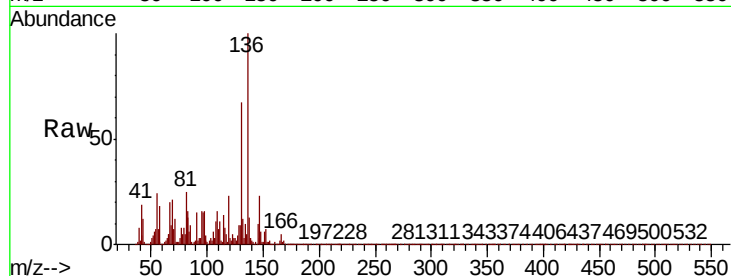




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

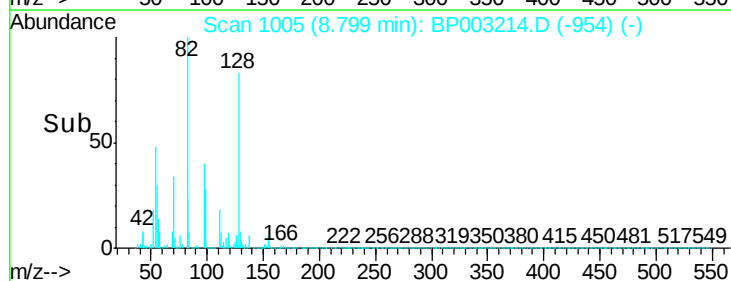
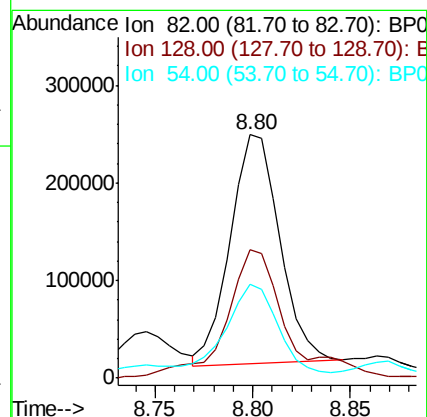
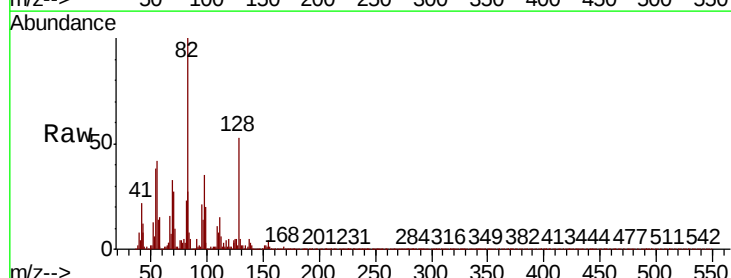
Instrument :
BNA_P
ClientSampled :
TP-4

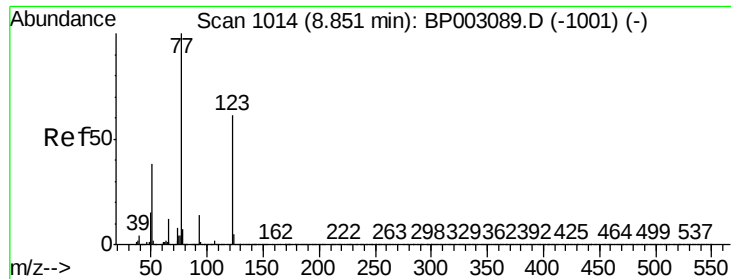
Tot Ion:136	Resp:	924922
Ion Ratio	Lower	Upper
136 100		
137 13.5	8.6	13.0#
54 7.4	3.6	5.4#
68 8.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 32.164 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion: 82	Resp: 412668
Ion Ratio	Lower Upper
82 100	
128 52.8	45.6 68.4
54 38.4	30.1 45.1

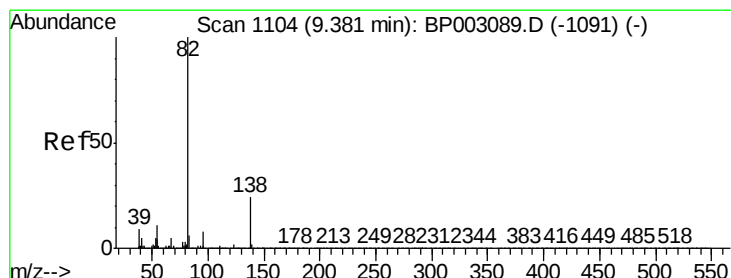
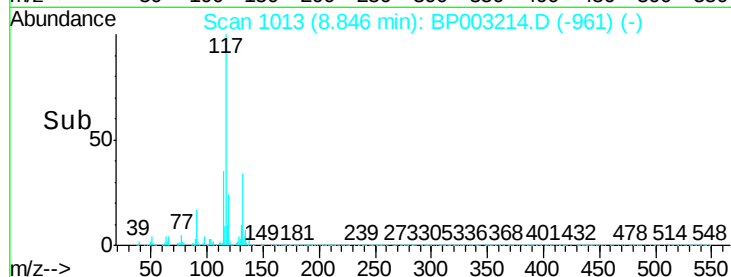
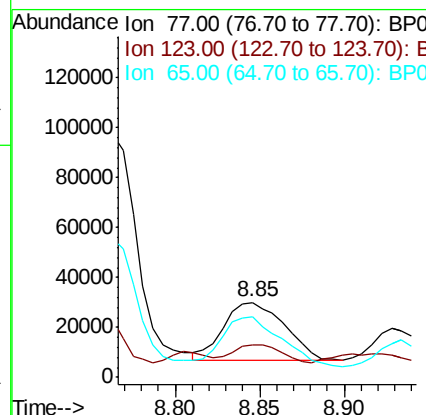
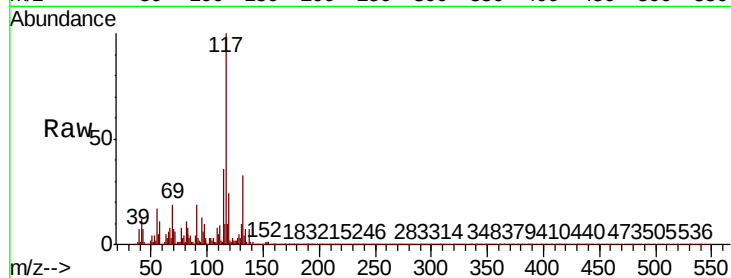




#24
Nitrobenzene
Concen: 4.569 ng
RT: 8.85 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

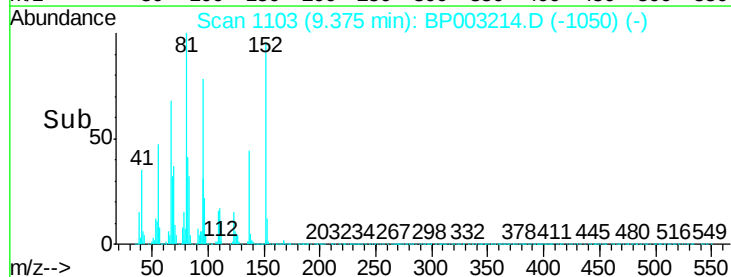
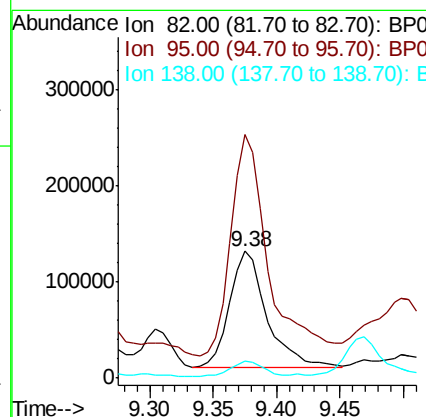
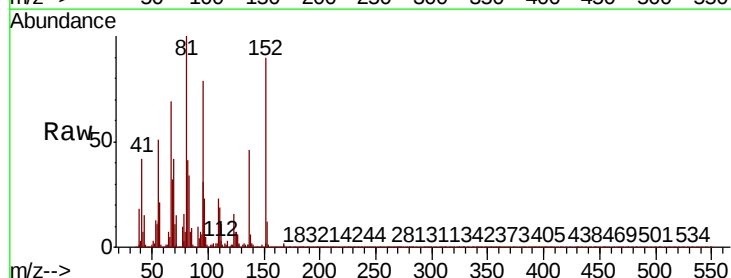
Instrument :
BNA_P
ClientSampleId :
TP-4

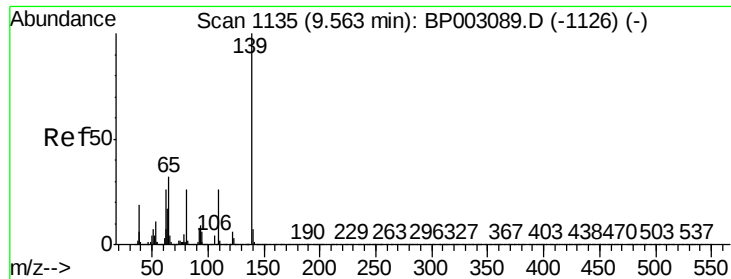
Tot Ion: 77 Resp: 57579
Ion Ratio Lower Upper
77 100
123 42.7 48.6 72.8#
65 80.9 10.0 15.0#



#25
Isophorone
Concen: 10.701 ng
RT: 9.38 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion: 82 Resp: 242229
Ion Ratio Lower Upper
82 100
95 192.4 6.4 9.6#
138 13.8 18.7 28.1#

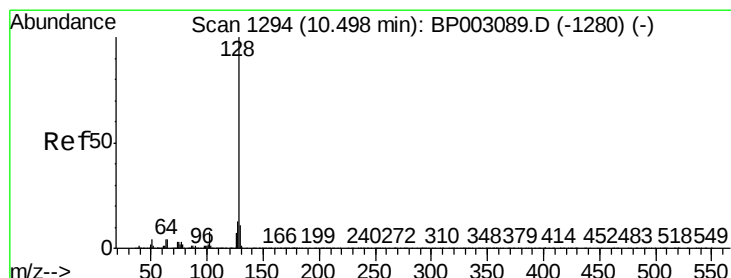
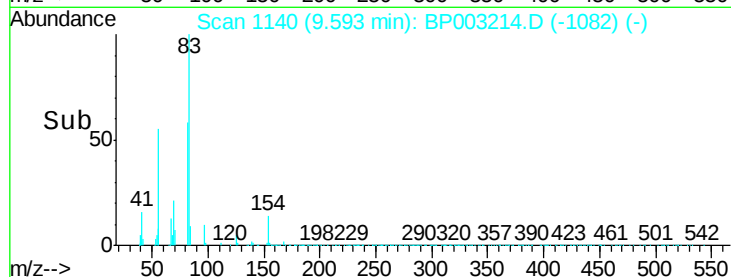
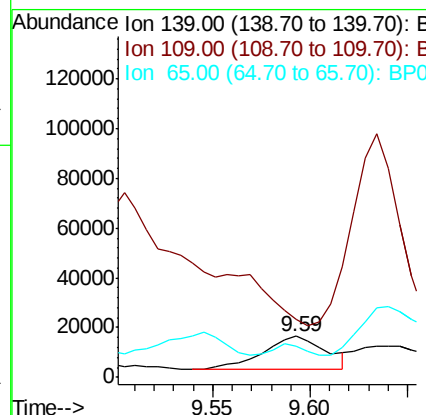
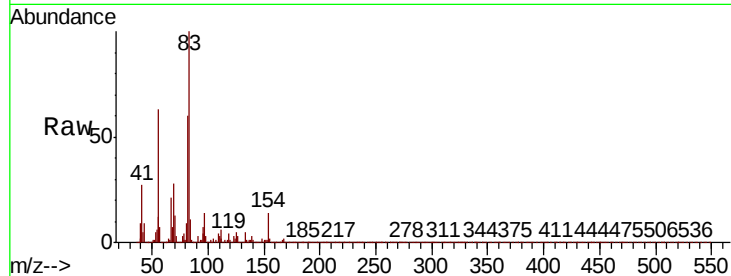




#26
2-Nitrophenol
Concen: 4.028 ng
RT: 9.59 min Scan# 1140
Delta R.T. 0.04 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

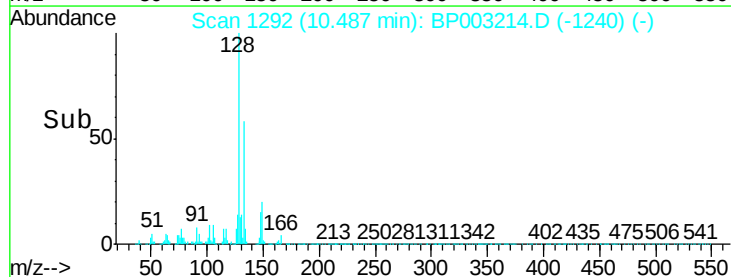
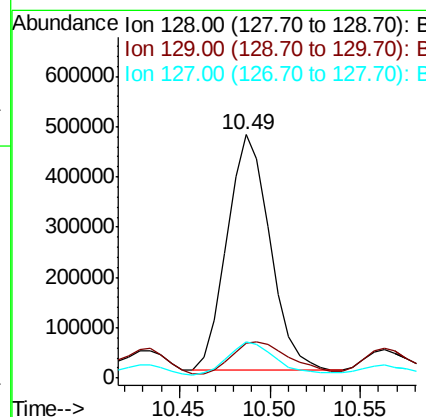
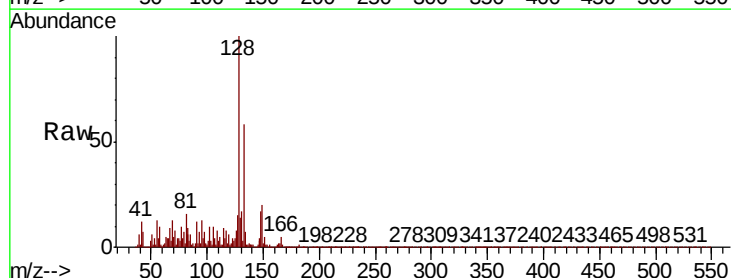
Instrument :
BNA_P
ClientSampleId :
TP-4

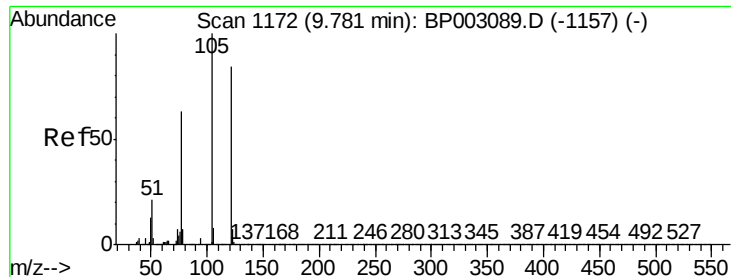
Tot Ion:139 Resp: 30254
Ion Ratio Lower Upper
139 100
109 140.6 22.1 33.1#
65 74.8 26.5 39.7#



#31
Naphthalene
Concen: 16.303 ng
RT: 10.49 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion:128 Resp: 774694
Ion Ratio Lower Upper
128 100
129 14.2 8.8 13.2#
127 14.8 10.6 15.8





#32

Benzoic acid

Concen: 9.375 ng

RT: 9.78 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampled :

TP-4

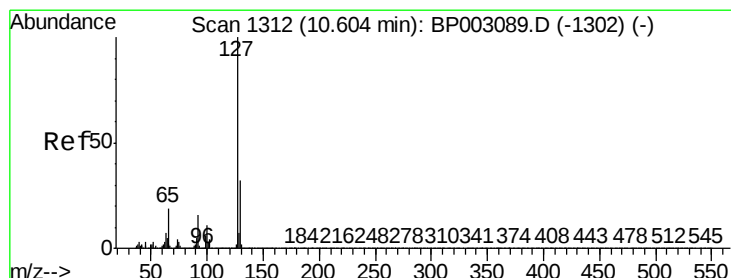
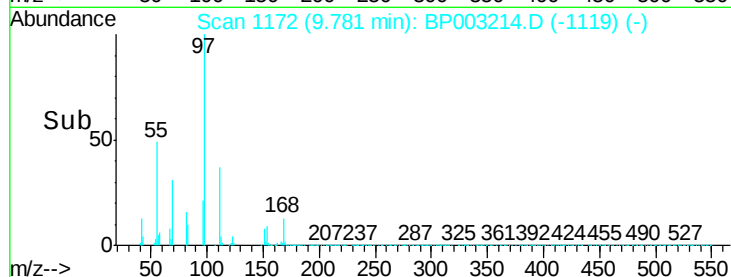
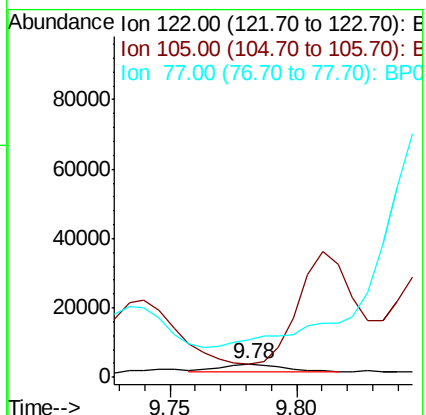
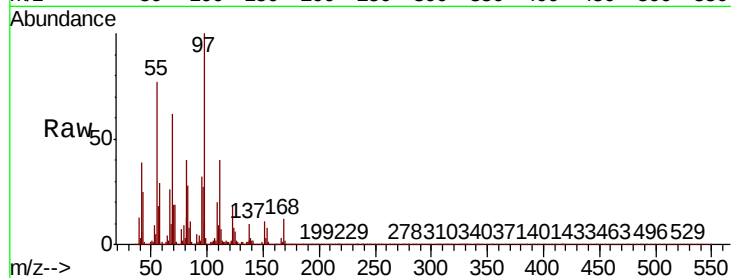
Tot Ion:122 Resp: 4066

Ion Ratio Lower Upper

122 100

105 97.5 94.1 134.1

77 284.1 50.1 90.1#



#33

4-Chloroaniline

Concen: 2.436 ng

RT: 10.56 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Tgt Ion:127 Resp: 48368

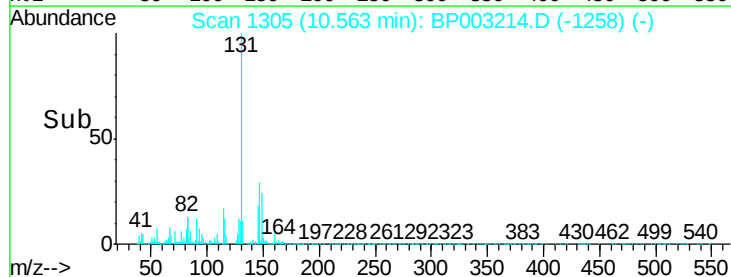
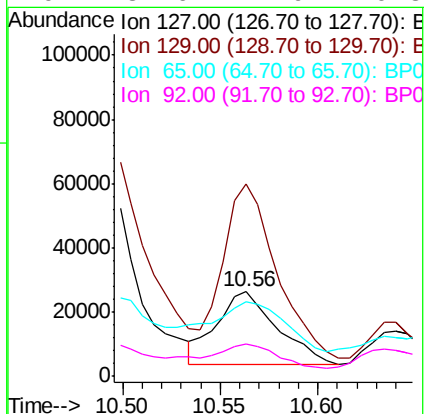
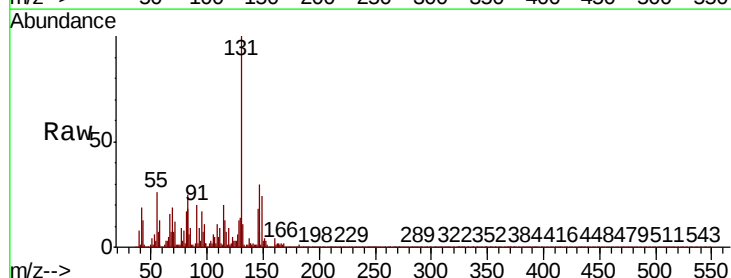
Ion Ratio Lower Upper

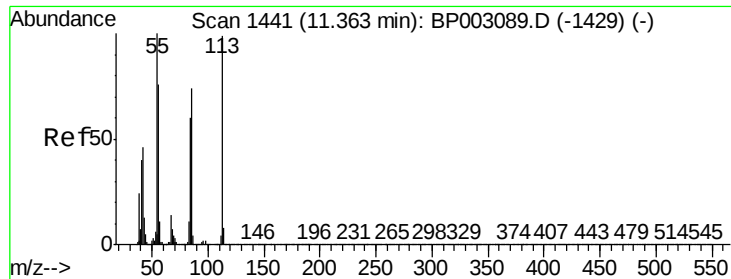
127 100

129 228.3 25.7 38.5#

65 88.5 17.3 25.9#

92 37.6 12.9 19.3#





#35

Caprolactam

Concen: 4.532 ng

RT: 11.33 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampleId :

TP-4

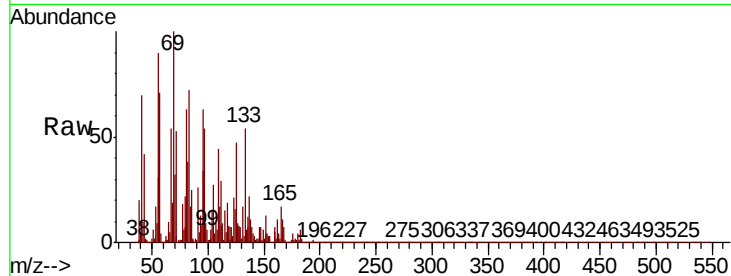
Tot Ion:113 Resp: 19080

Ion Ratio Lower Upper

113 100

55 1008.0 77.3 117.3#

56 345.8 55.9 95.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0

200000

150000

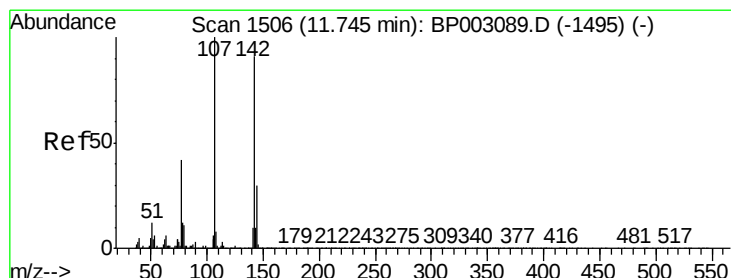
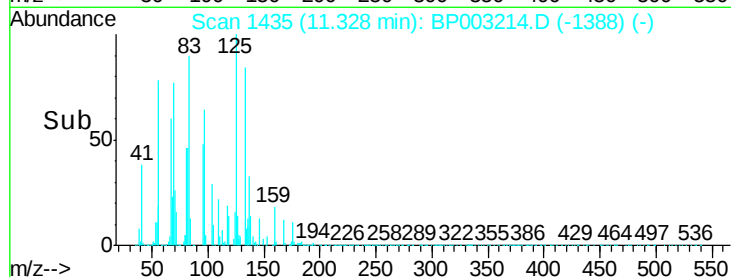
100000

50000

0

11.25 11.30 11.35

Time-->



#36

4-Chloro-3-methylphenol

Concen: 2.137 ng

RT: 11.73 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

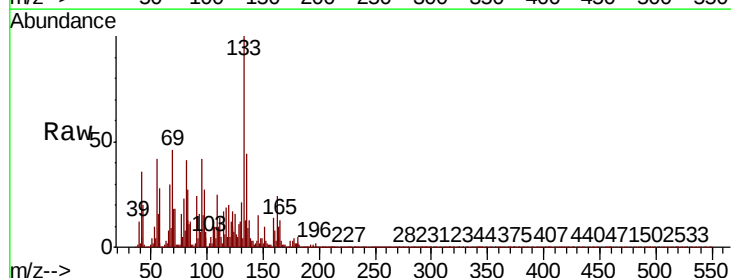
Tgt Ion:107 Resp: 27952

Ion Ratio Lower Upper

107 100

144 33.7 22.7 34.1

142 13.6 70.7 106.1#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

30000

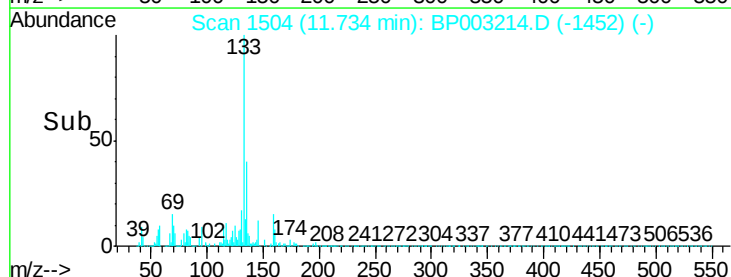
20000

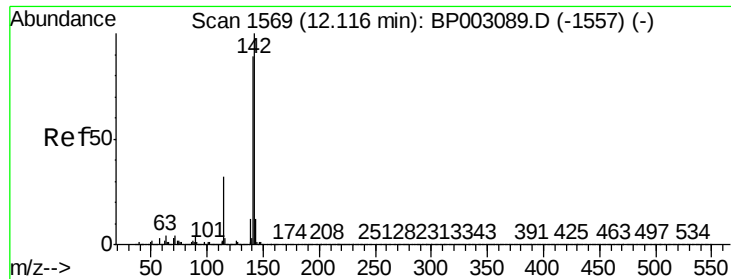
10000

0

11.70 11.75 11.80

Time-->

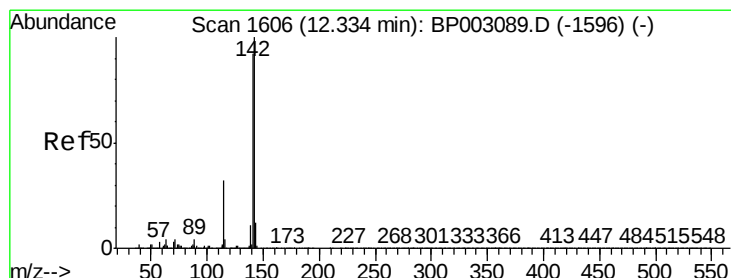
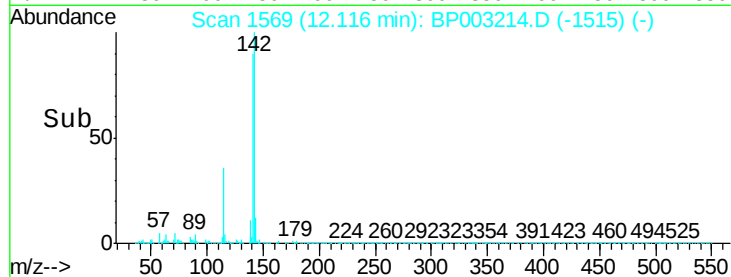
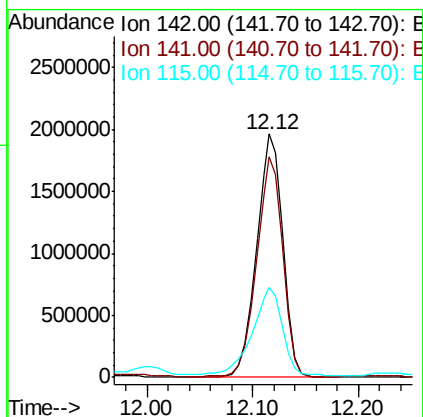
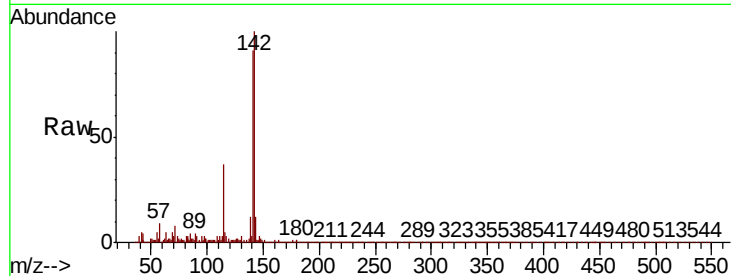




#37
2-Methylnaphthalene
Concen: 99.103 ng
RT: 12.12 min Scan# 1569
Delta R.T. 0.02 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

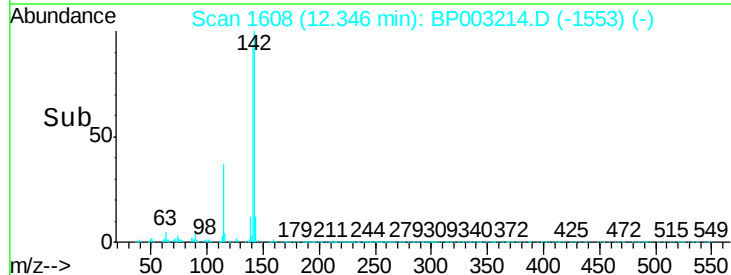
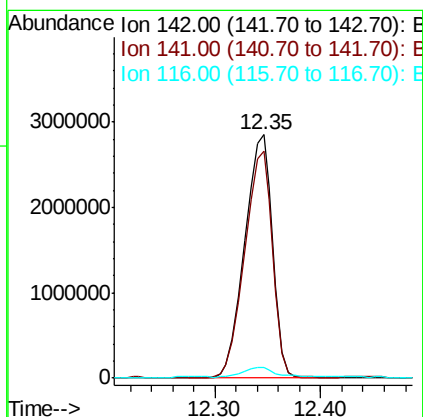
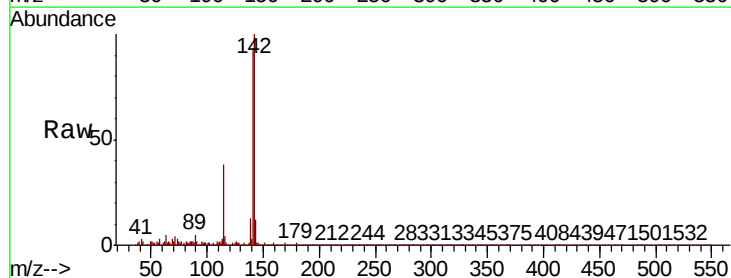
Instrument :
BNA_P
ClientSampled :
TP-4

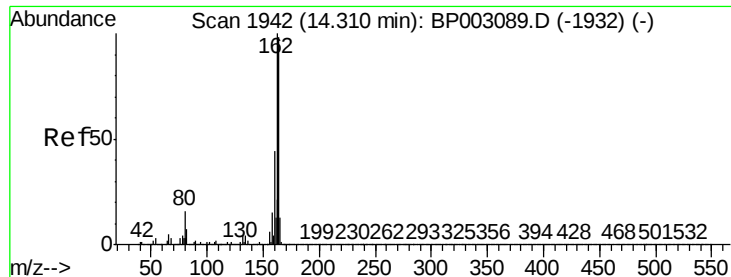
Tot Ion:142 Resp: 3368838
Ion Ratio Lower Upper
142 100
141 90.6 71.4 107.2
115 37.0 25.8 38.6



#38
1-Methylnaphthalene
Concen: 161.497 ng
RT: 12.35 min Scan# 1608
Delta R.T. 0.02 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion:142 Resp: 5217945
Ion Ratio Lower Upper
142 100
141 93.3 74.4 111.6
116 4.2 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampled :

TP-4

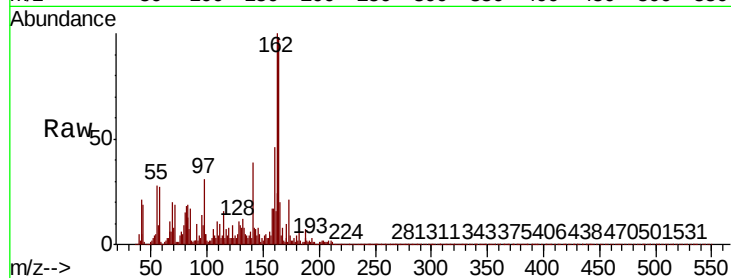
Tot Ion:164 Resp: 591927

Ion Ratio Lower Upper

164 100

162 102.2 79.4 119.2

160 47.0 36.1 54.1

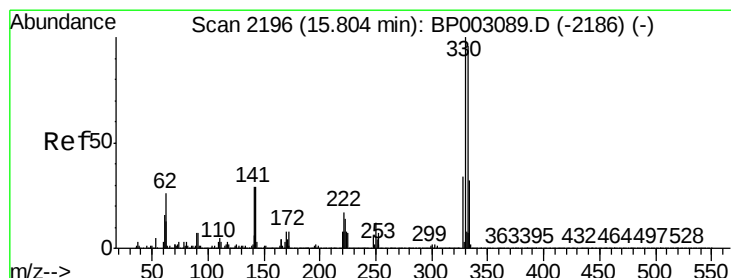
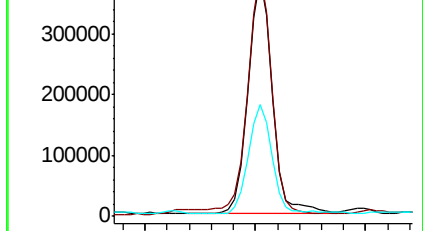
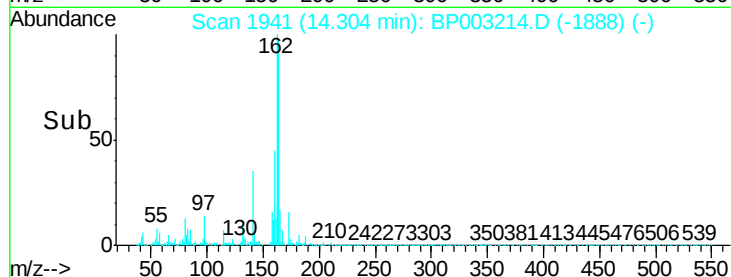


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#42

2,4,6-Tribromophenol

Concen: 41.499 ng

RT: 15.80 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

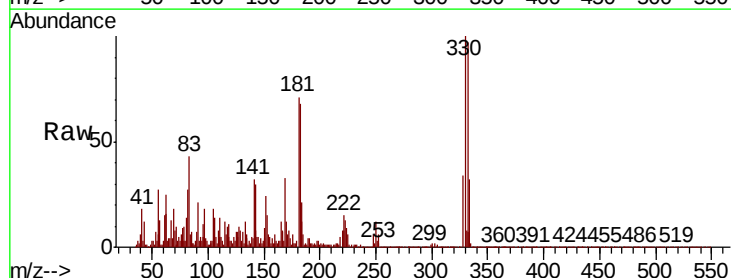
Tgt Ion:330 Resp: 332227

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 37.7 23.4 35.2#

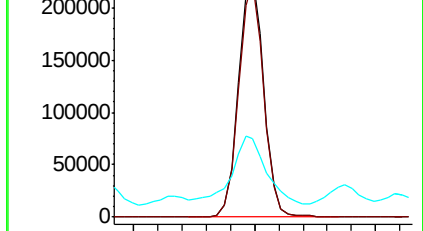
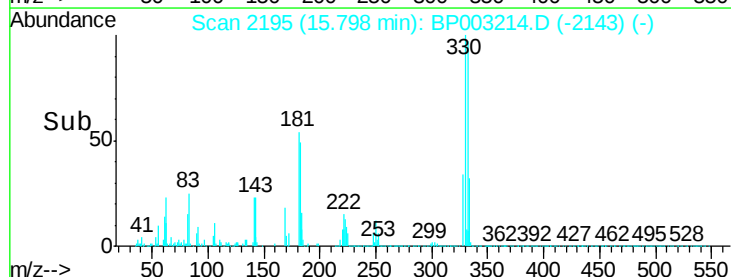


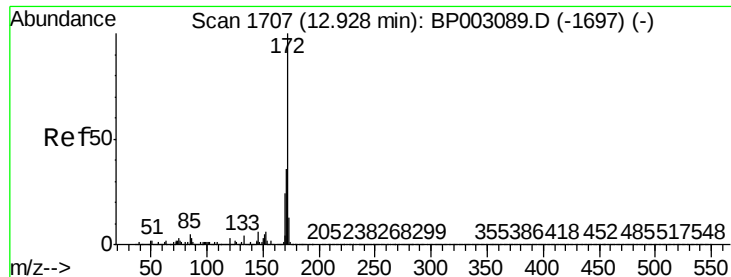
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

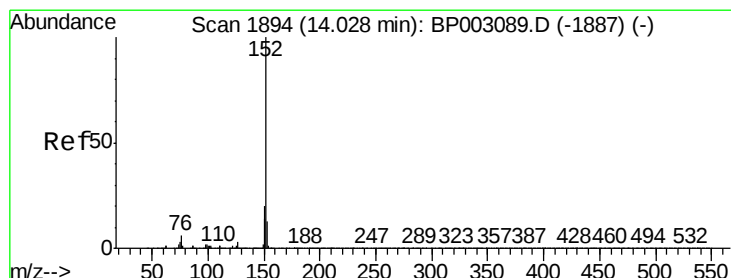
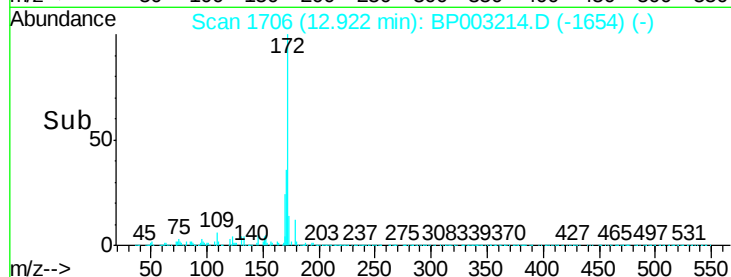
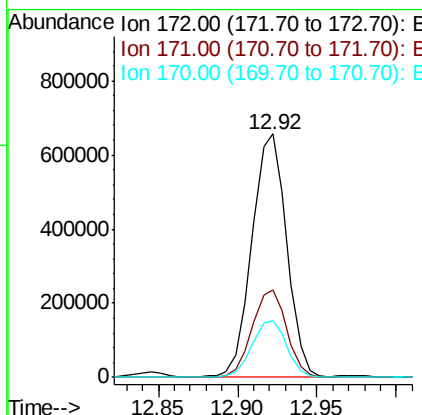
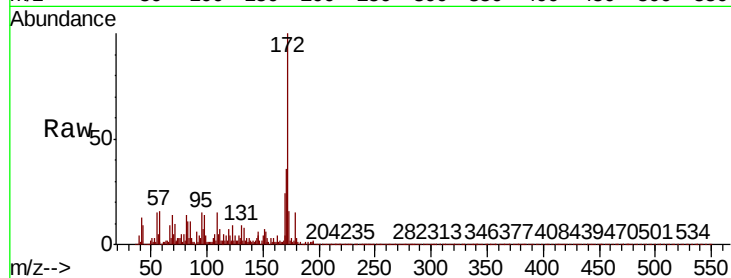




#45
2-Fluorobiphenyl
Concen: 24.701 ng
RT: 12.92 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

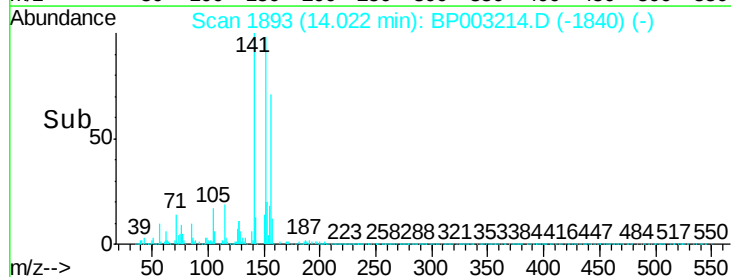
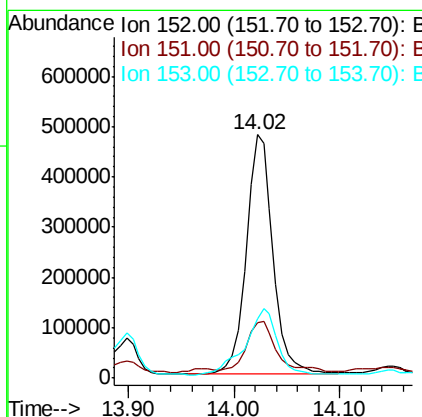
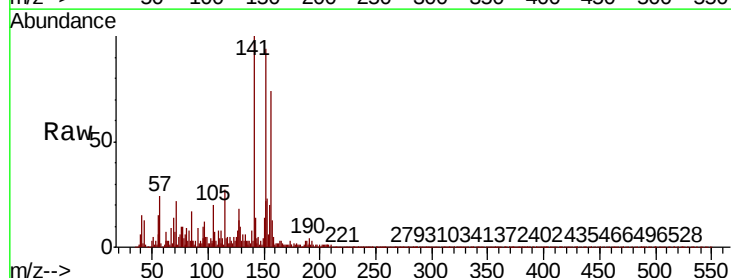
Instrument :
BNA_P
ClientSampleId :
TP-4

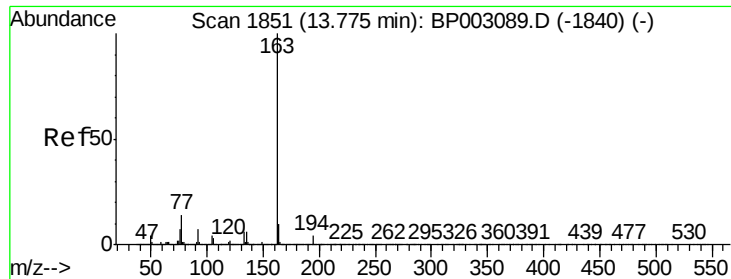
Tot Ion:172 Resp: 998412
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 19.2 28.8



#49
Acenaphthylene
Concen: 15.180 ng
RT: 14.02 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion:152 Resp: 834240
Ion Ratio Lower Upper
152 100
151 22.9 15.9 23.9
153 24.5 10.5 15.7#

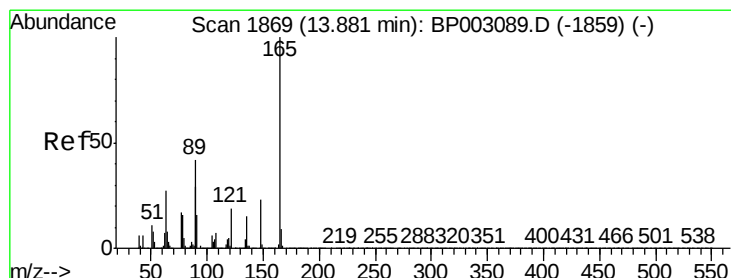
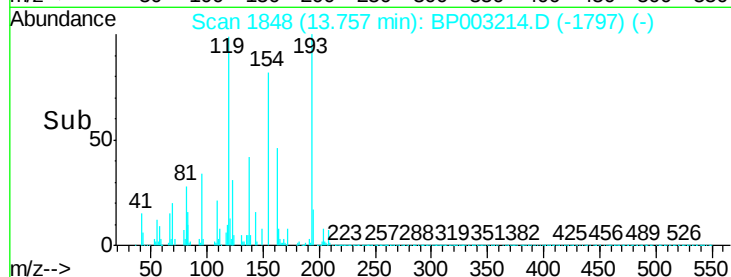
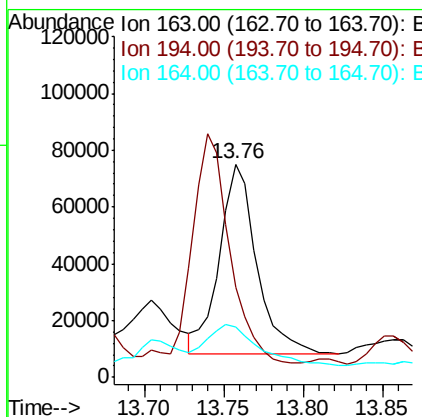
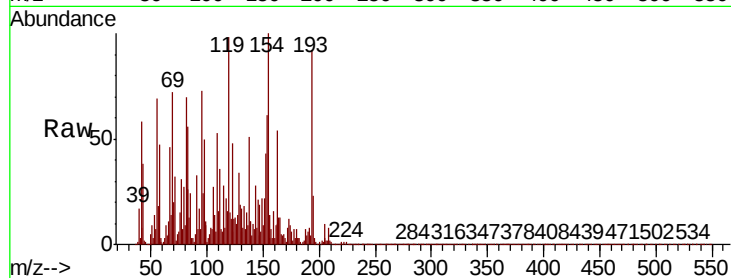




#50
Dimethylphthalate
Concen: 2.409 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

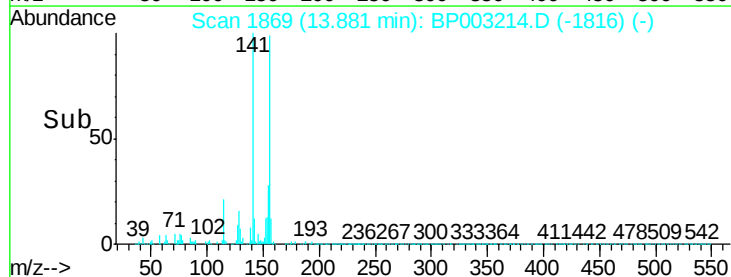
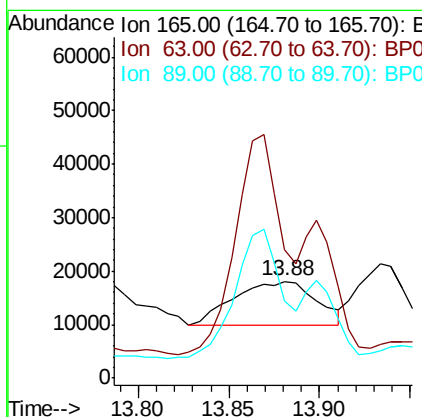
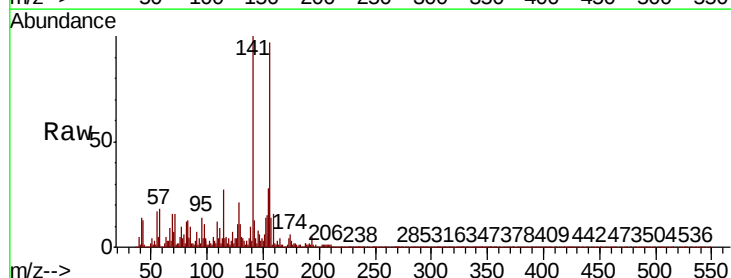
Instrument :
BNA_P
ClientSampled :
TP-4

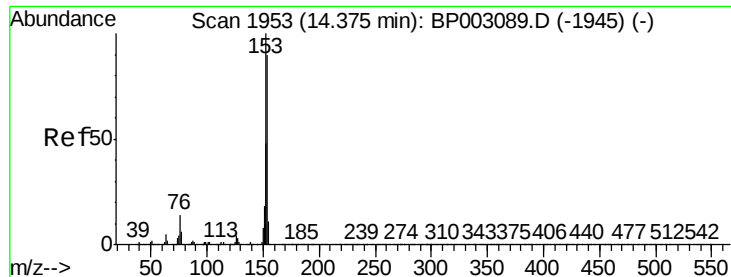
Tot Ion:163 Resp: 108741
Ion Ratio Lower Upper
163 100
194 42.3 3.3 4.9#
164 23.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 2.678 ng
RT: 13.88 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion:165 Resp: 25123
Ion Ratio Lower Upper
165 100
63 132.6 27.8 41.6#
89 80.4 34.6 52.0#





#52

Acenaphthene

Concen: 34.905 ng

RT: 14.37 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampleId :

TP-4

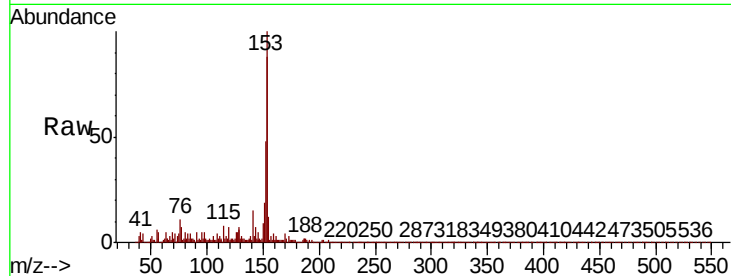
Tot Ion:154 Resp: 1178462

Ion Ratio Lower Upper

154 100

153 114.0 91.0 136.6

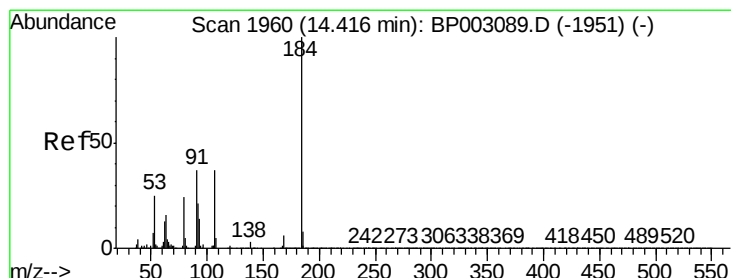
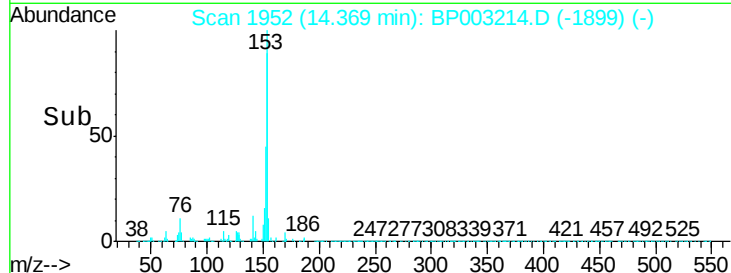
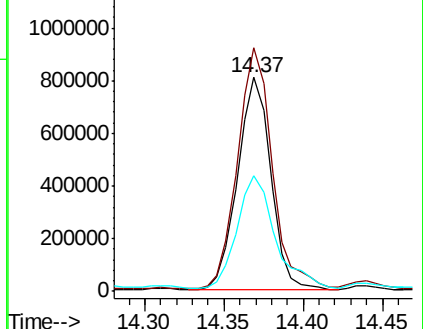
152 54.3 43.0 64.6



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: 8.531 ng

RT: 14.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

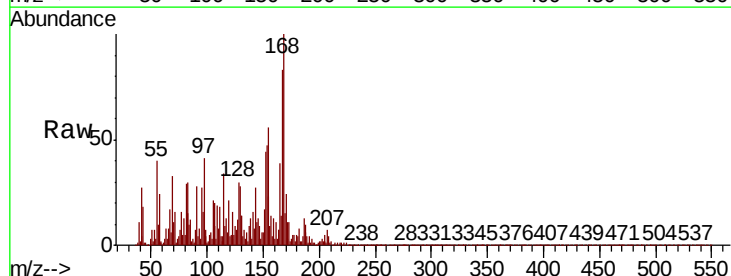
Tgt Ion:184 Resp: 4406

Ion Ratio Lower Upper

184 100

63 457.6 32.3 48.5#

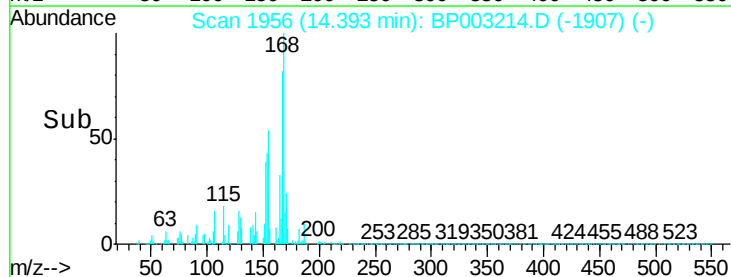
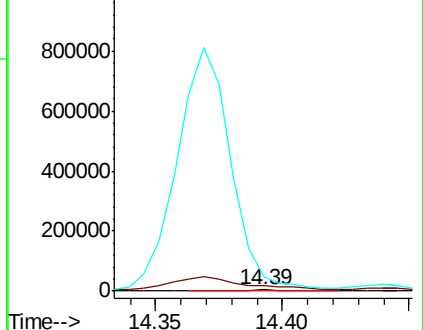
154 1308.4 49.1 73.7#

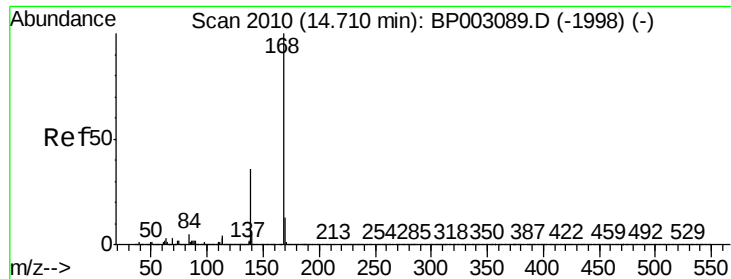


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 8.468 ng

RT: 14.70 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampleId :

TP-4

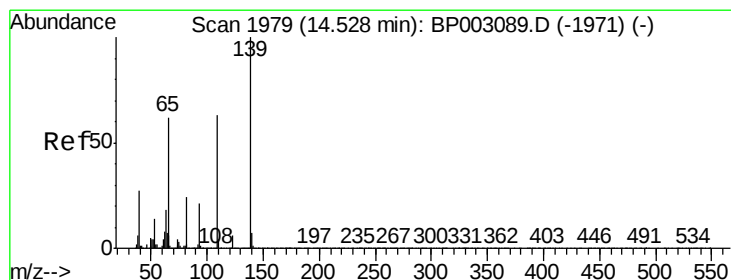
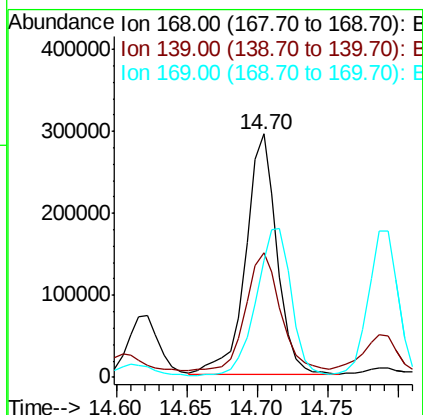
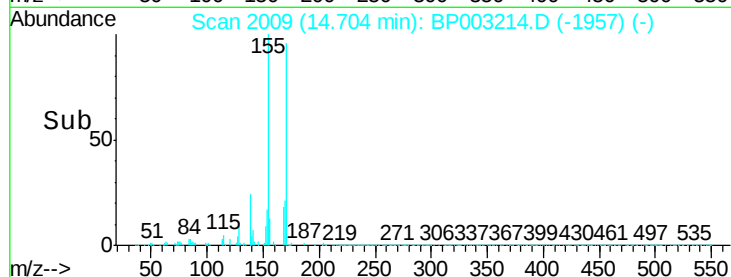
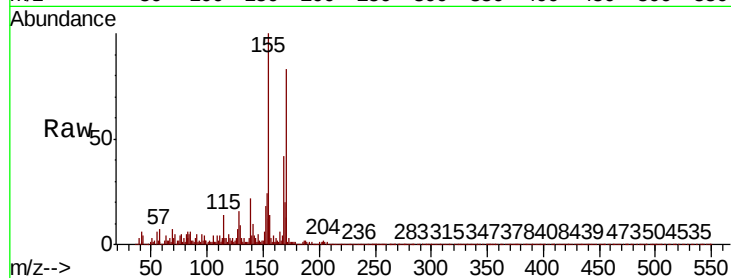
Tot Ion:168 Resp: 449011

Ion Ratio Lower Upper

168 100

139 51.4 29.1 43.7#

169 48.2 10.4 15.6#



#56

4-Nitrophenol

Concen: 15.528 ng

RT: 14.52 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

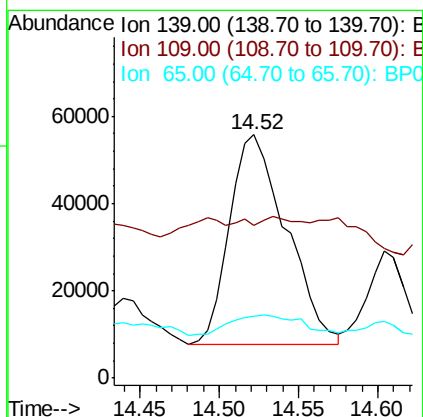
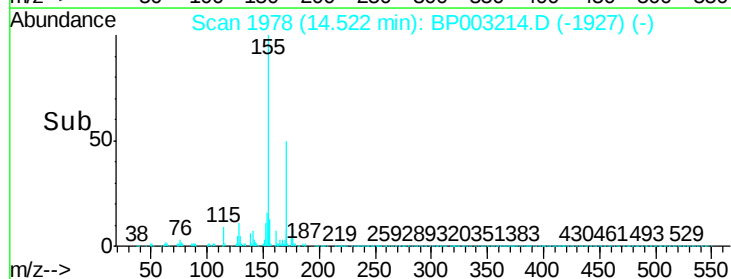
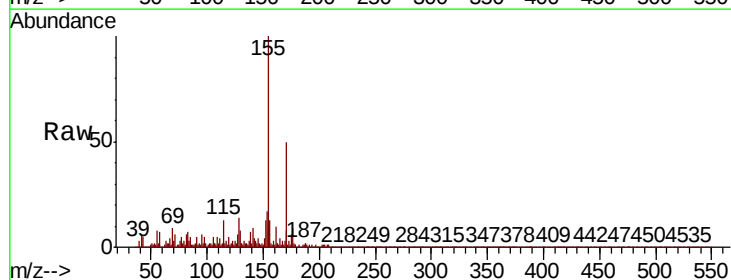
Tgt Ion:139 Resp: 118740

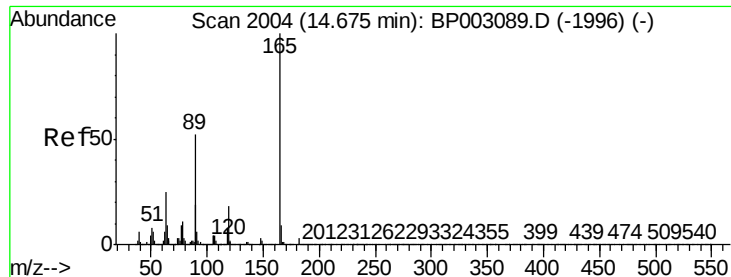
Ion Ratio Lower Upper

139 100

109 62.6 44.6 84.6

65 25.5 41.6 81.6#

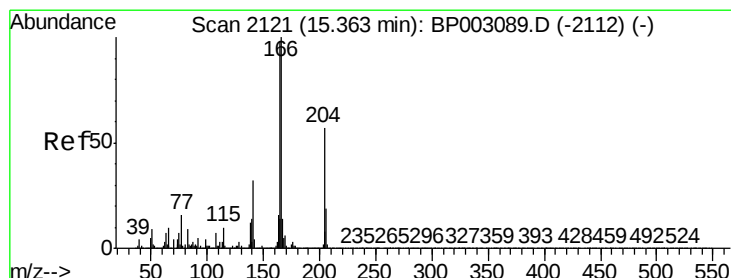
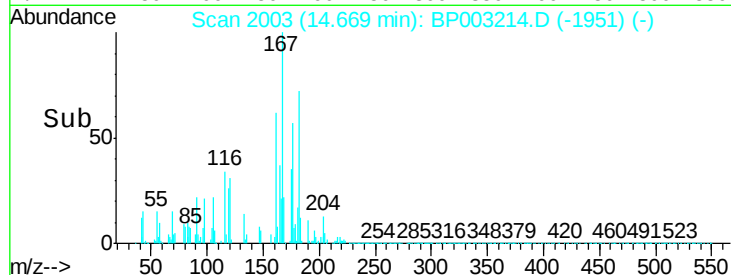
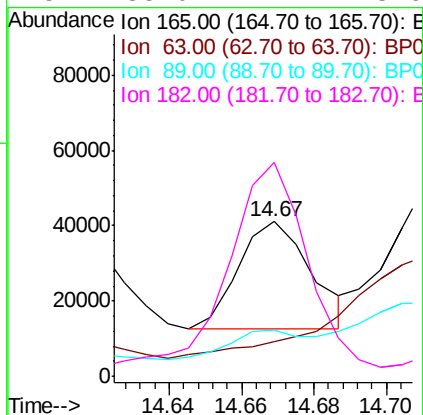
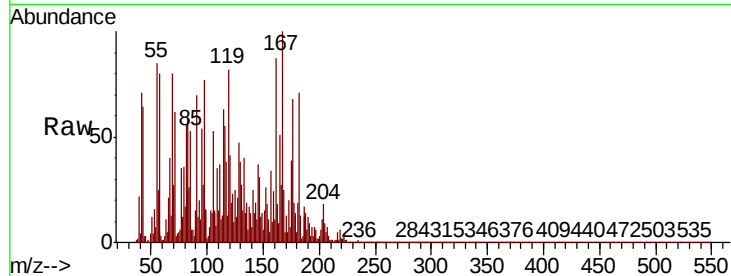




#57
2,4-Dinitrotoluene
Concen: 3.141 ng
RT: 14.67 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

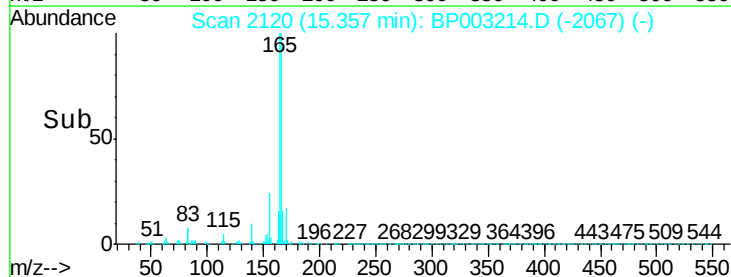
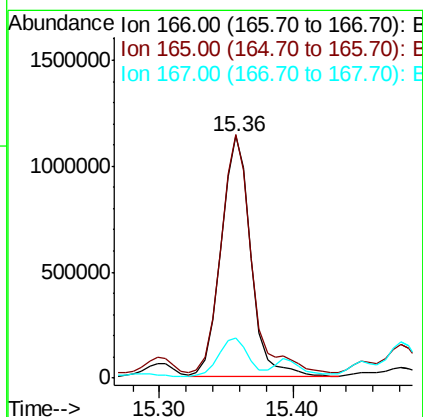
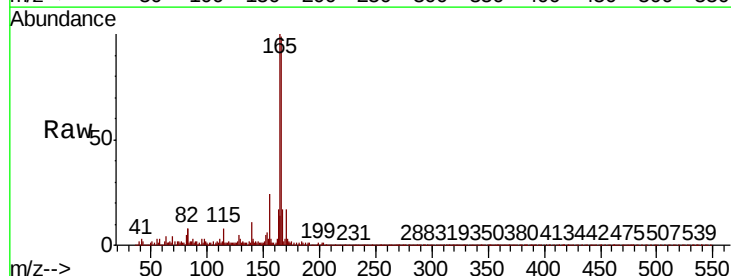
Instrument :
BNA_P
ClientSampleId :
TP-4

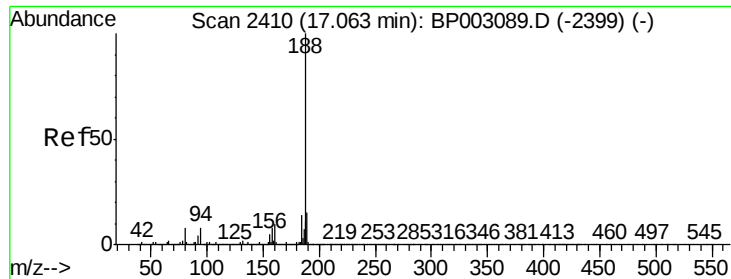
Tot Ion	Ratio	Lower	Upper
165	100		
63	22.0	20.6	31.0
89	29.8	42.6	63.8#
182	138.0	2.4	3.6#



#58
Fluorene
Concen: 43.018 ng
RT: 15.36 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.8
167	16.7	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampled :

TP-4

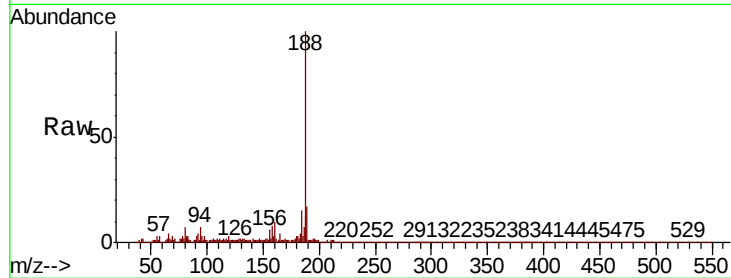
Tot Ion:188 Resp: 1270375

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

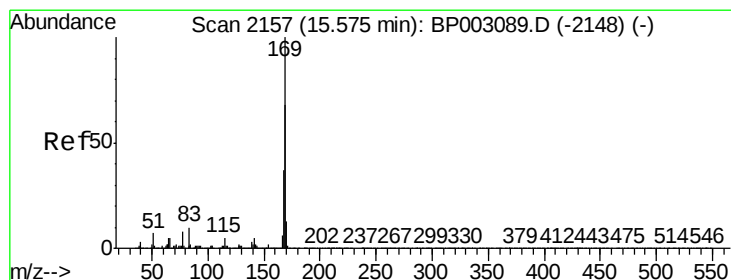
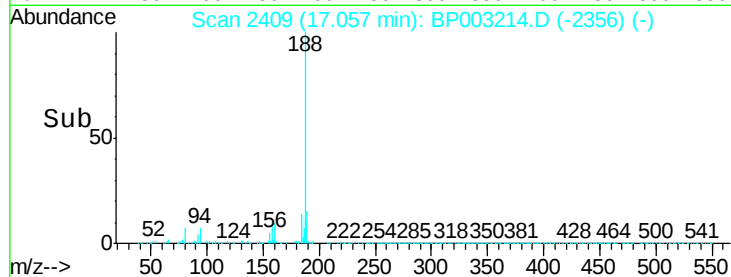
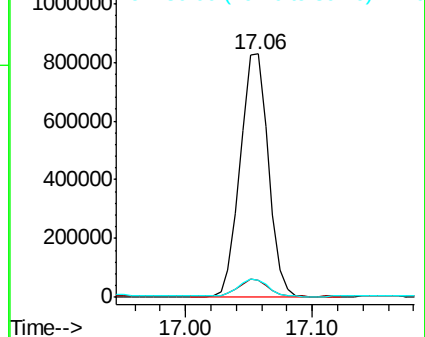
80 7.2 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#66

n-Nitrosodiphenylamine

Concen: 11.940 ng

RT: 15.57 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

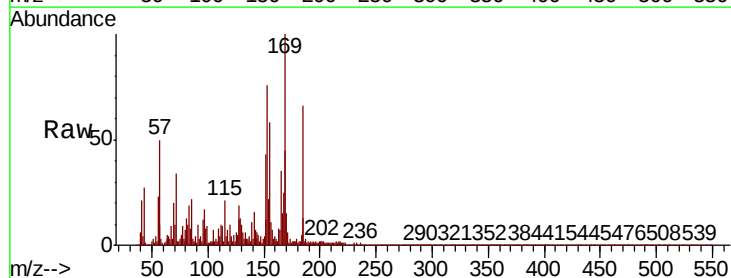
Tgt Ion:169 Resp: 443538

Ion Ratio Lower Upper

169 100

168 45.3 53.8 80.6#

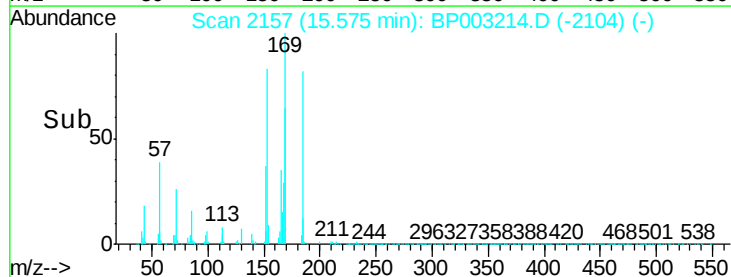
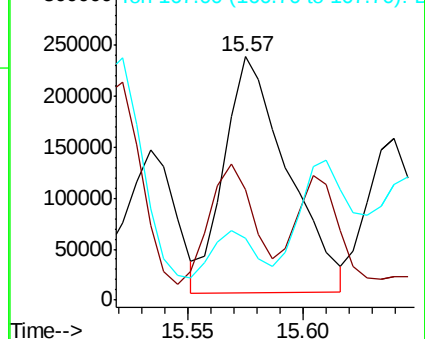
167 25.2 28.9 43.3#

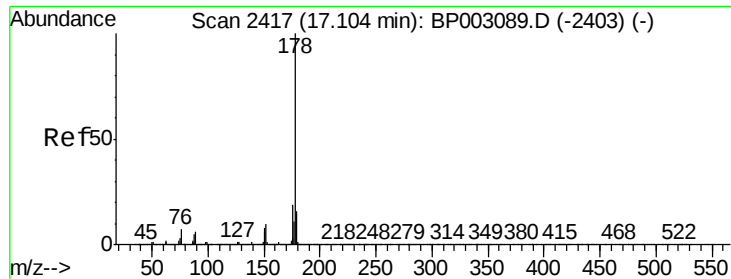


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 80.314 ng

RT: 17.10 min Scan# 2417

Delta R.T. 0.02 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampled :

TP-4

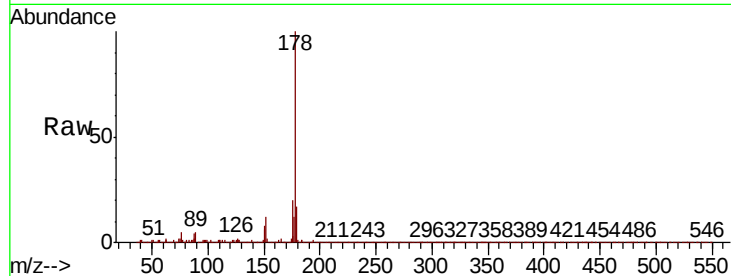
Tot Ion:178 Resp: 5528556

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

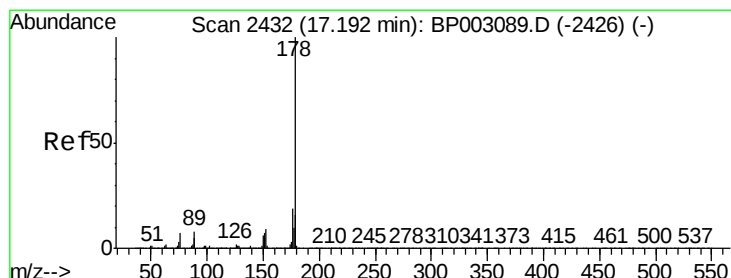
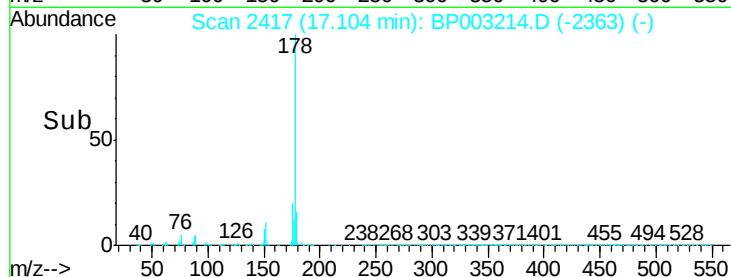
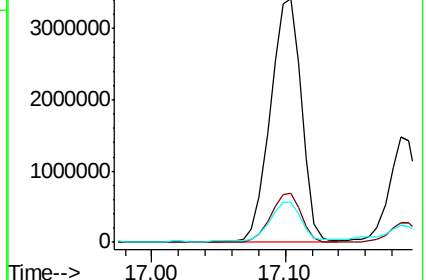
179 16.6 12.5 18.7



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: 31.520 ng

RT: 17.19 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

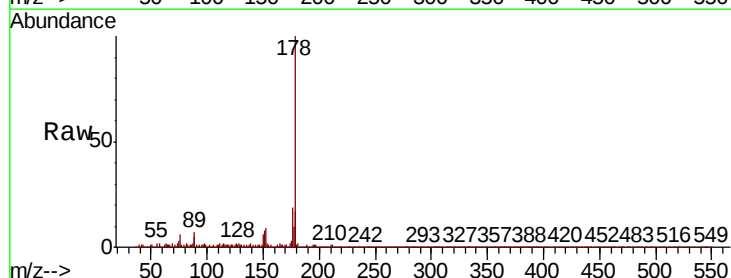
Tgt Ion:178 Resp: 2076587

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

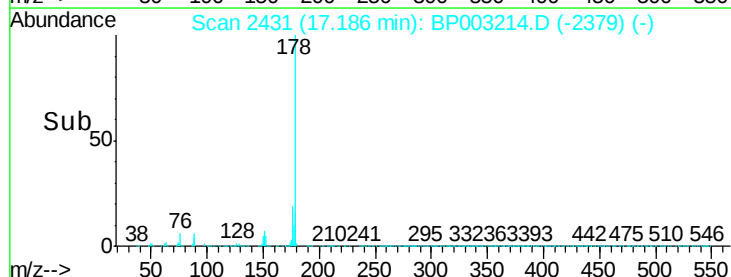
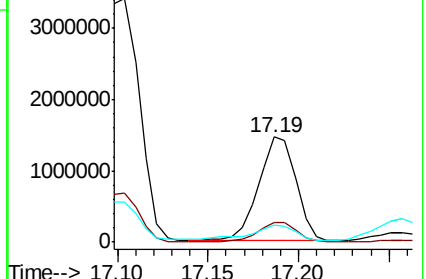
179 16.7 12.5 18.7

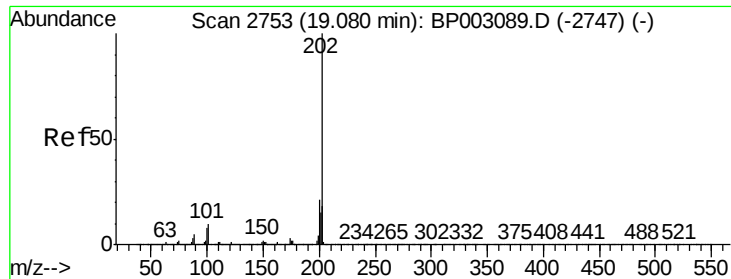


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 36.933 ng

RT: 19.08 min Scan# 2753

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampled :

TP-4

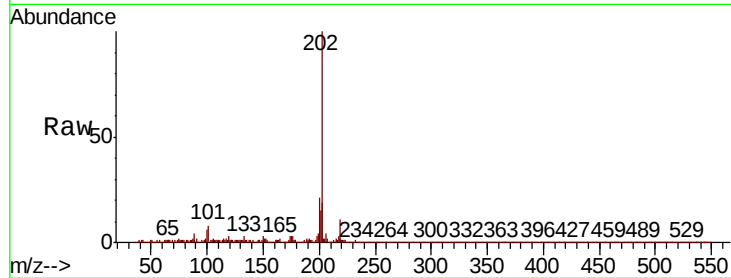
Tot Ion:202 Resp: 2938390

Ion Ratio Lower Upper

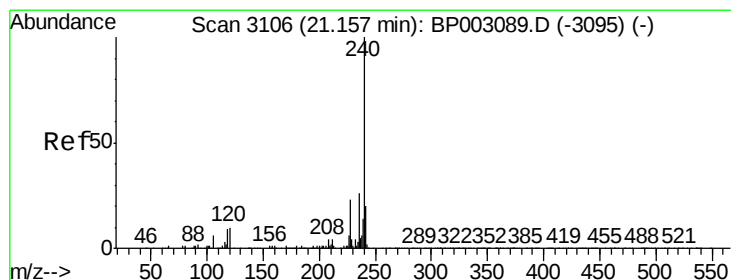
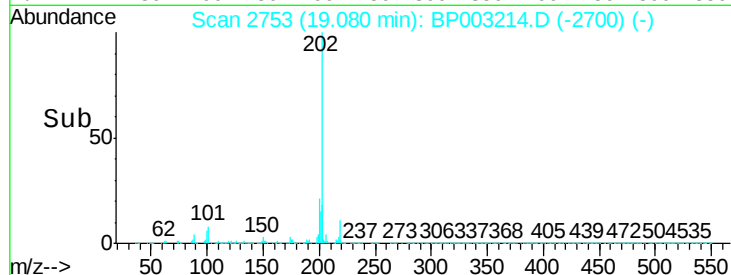
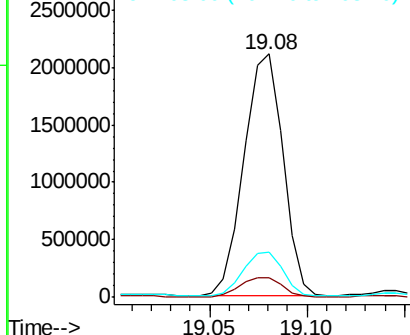
202 100

101 8.1 0.0 29.4

203 18.7 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: BP003214.D

Acq: 04 Sep 2020 16:42

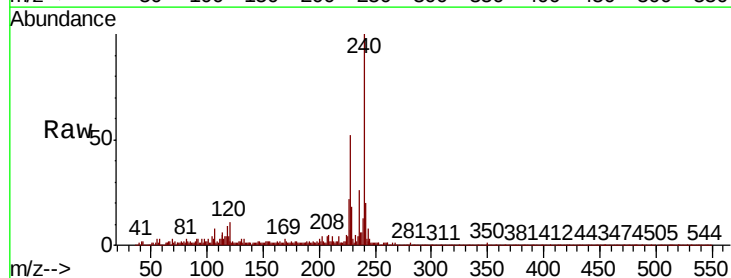
Tgt Ion:240 Resp: 1010084

Ion Ratio Lower Upper

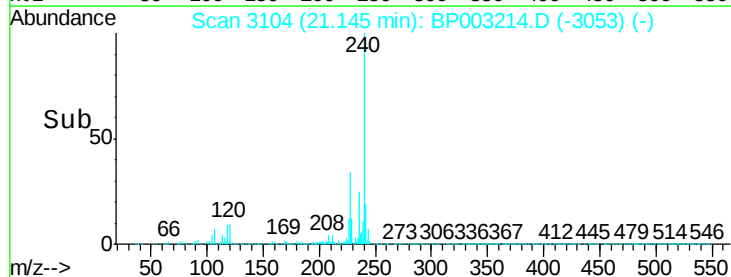
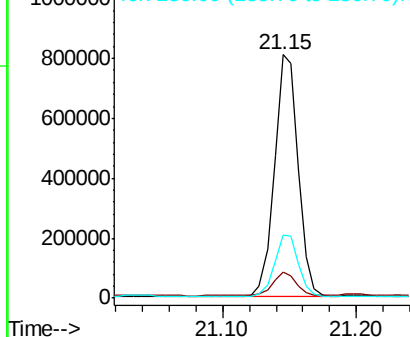
240 100

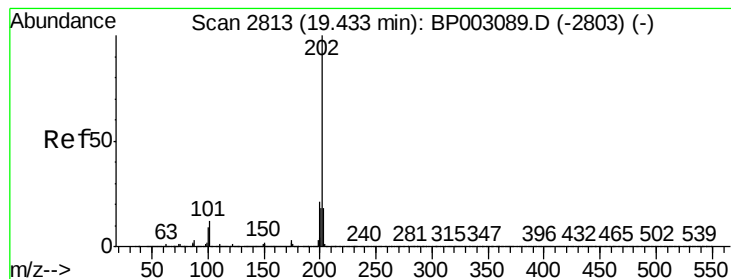
120 10.8 7.8 11.6

236 25.9 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: 71.475 ng

RT: 19.43 min Scan# 2813

Delta R.T. 0.02 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampleId :

TP-4

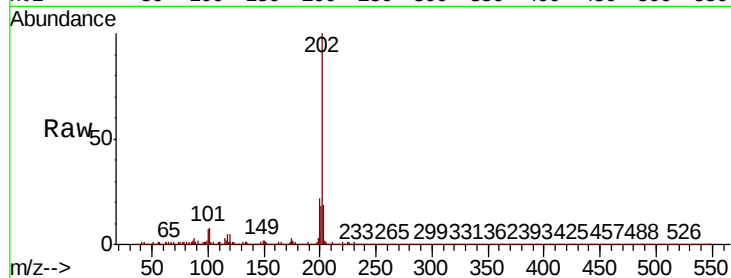
Tot Ion:202 Resp: 4685736

Ion Ratio Lower Upper

202 100

200 21.9 17.1 25.7

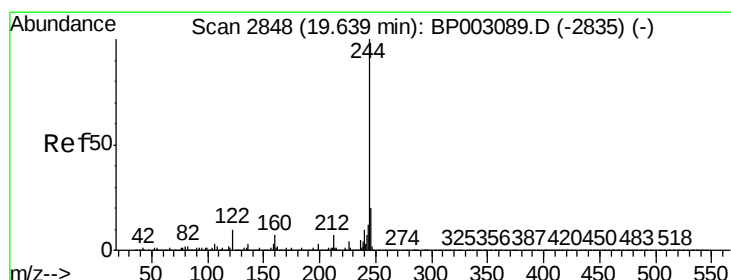
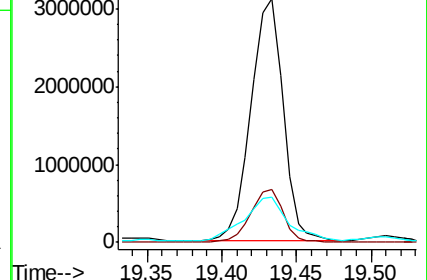
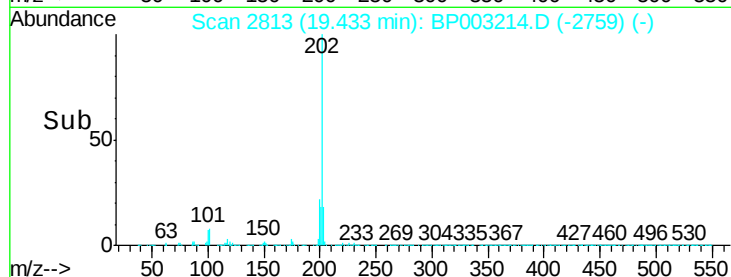
203 18.6 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 29.198 ng

RT: 19.63 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

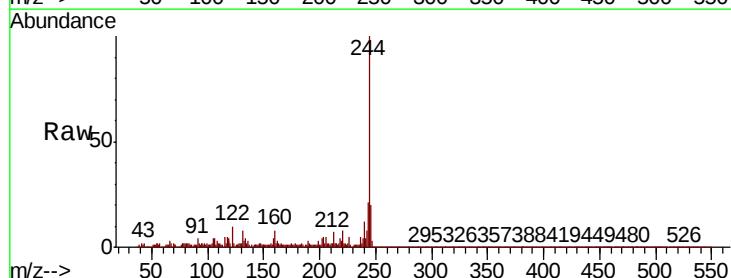
Tgt Ion:244 Resp: 1340317

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

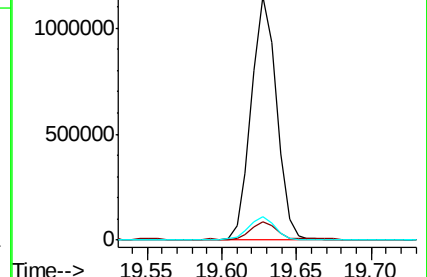
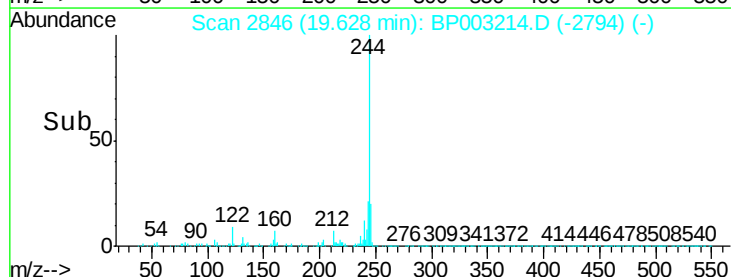
122 9.6 7.8 11.8

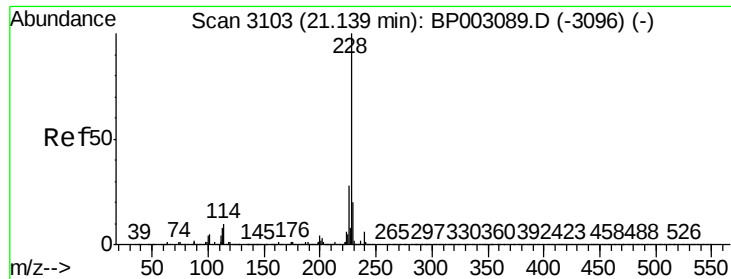


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

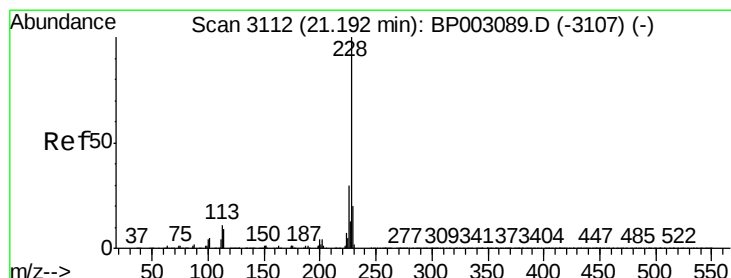
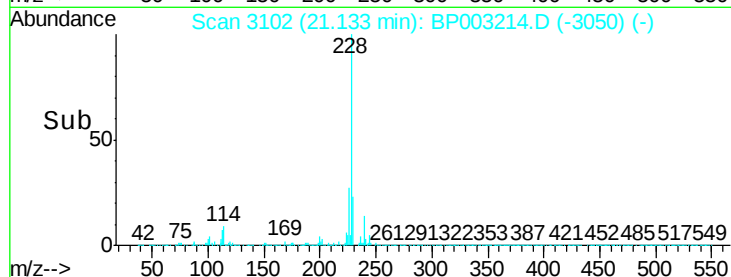
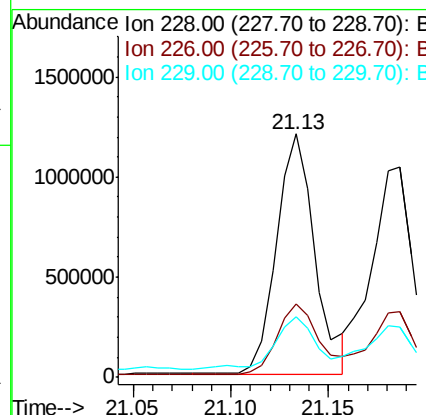
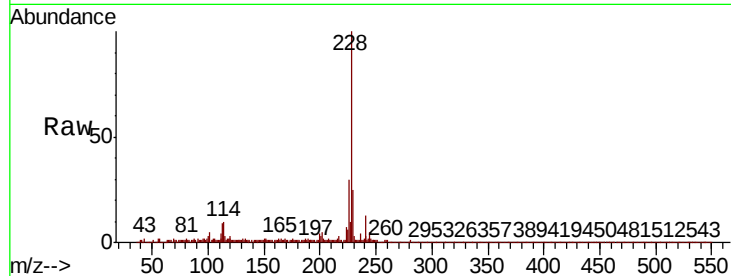




#81
Benzo(a)anthracene
Concen: 26.086 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

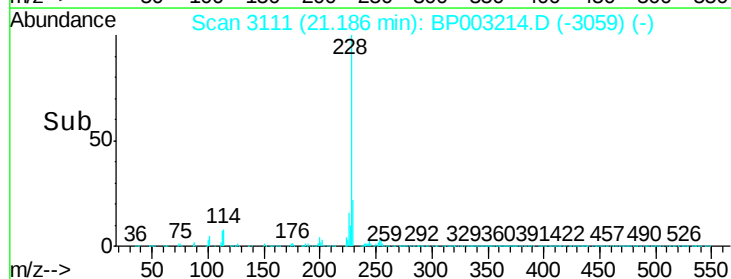
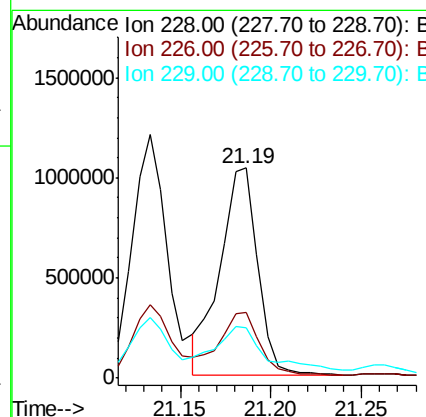
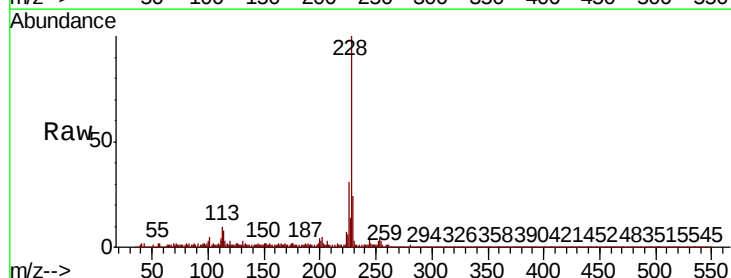
Instrument :
BNA_P
ClientSampleId :
TP-4

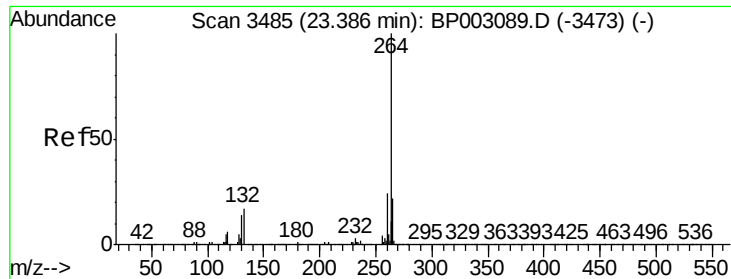
Tot Ion:228 Resp: 1650470
Ion Ratio Lower Upper
228 100
226 29.9 22.1 33.1
229 24.9 15.9 23.9#



#83
Chrysene
Concen: 24.826 ng
RT: 21.19 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion:228 Resp: 1503963
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 24.0 15.8 23.6#



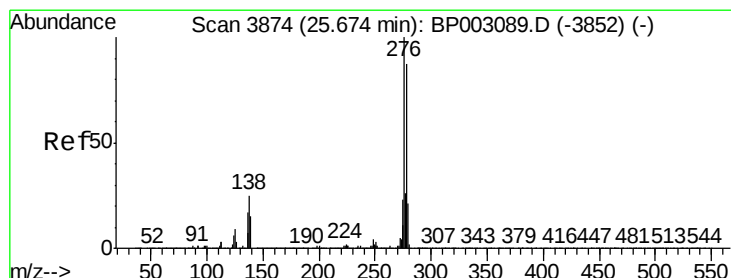
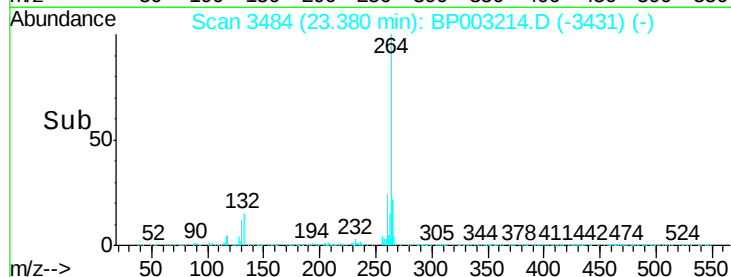
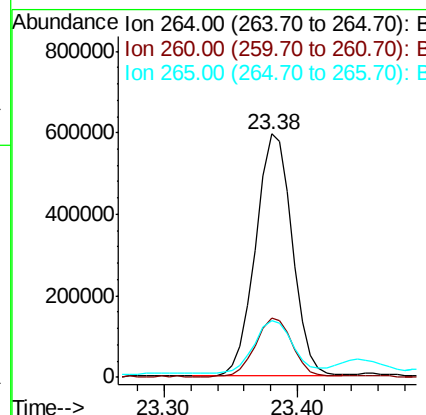
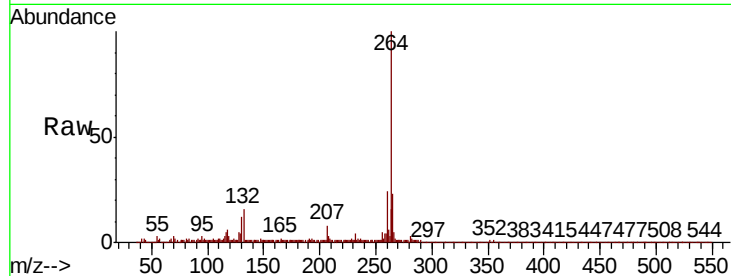


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Instrument :
BNA_P
ClientSampleId :
TP-4

Tot Ion:264 Resp: 1123538

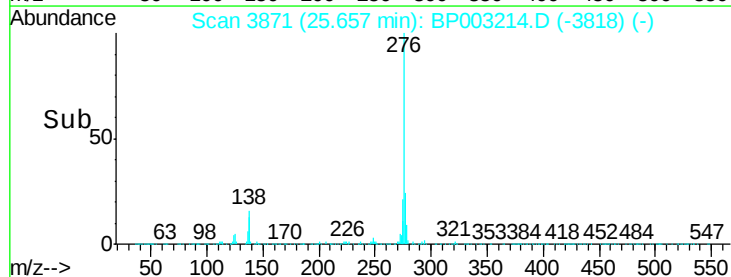
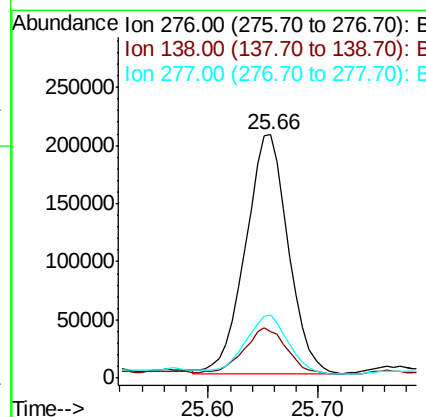
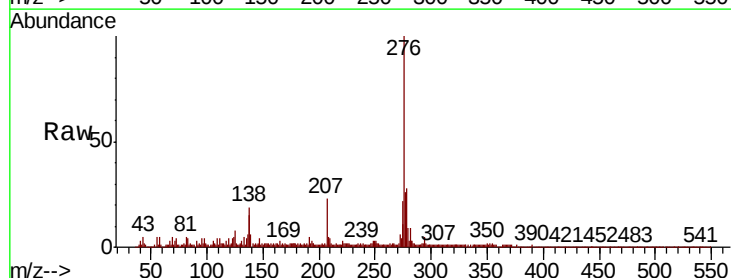
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	23.3	17.4	26.2

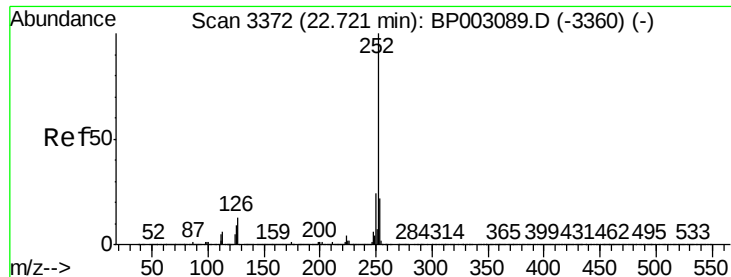


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.629 ng
RT: 25.66 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion:276 Resp: 555445

Ion	Ratio	Lower	Upper
276	100		
138	19.5	18.7	28.1
277	25.2	20.4	30.6

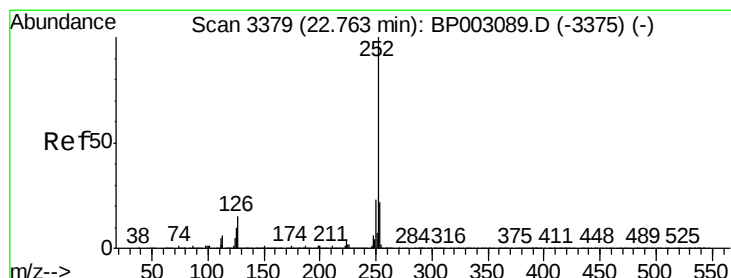
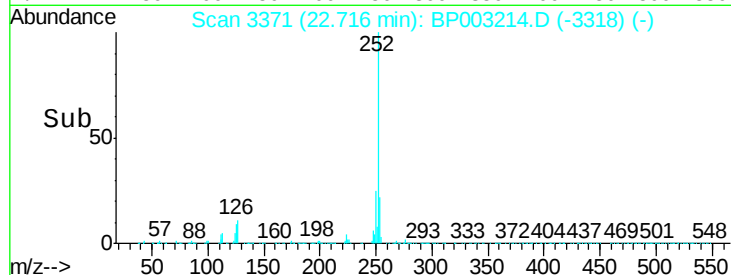
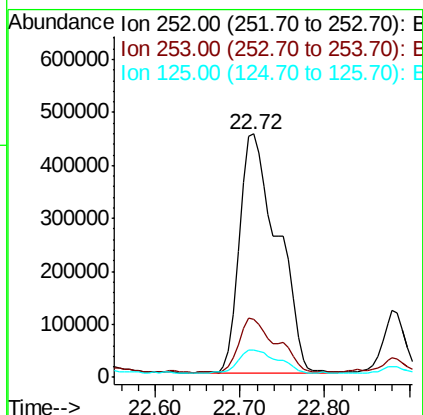
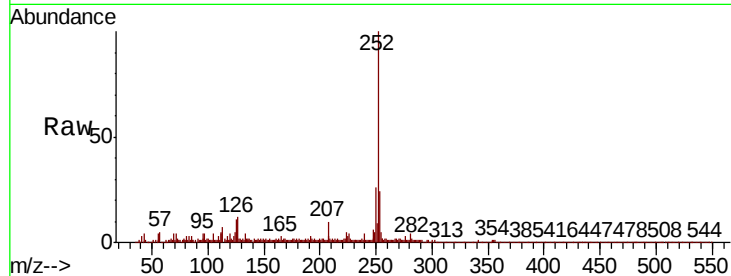




#88
Benzo(b)fluoranthene
Concen: 20.183 ng
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

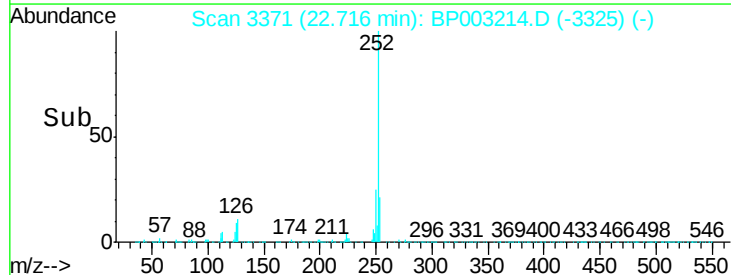
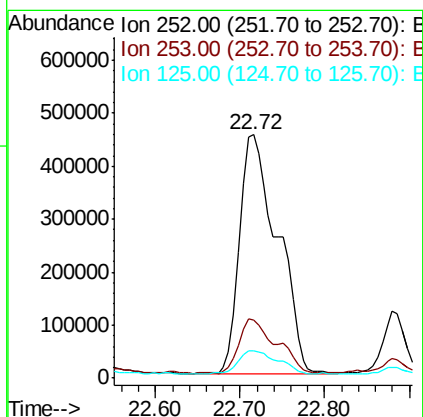
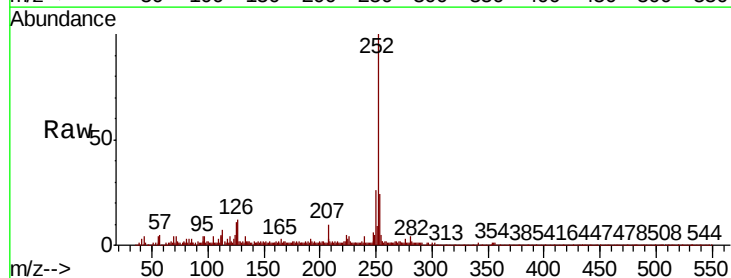
Instrument :
BNA_P
ClientSampleId :
TP-4

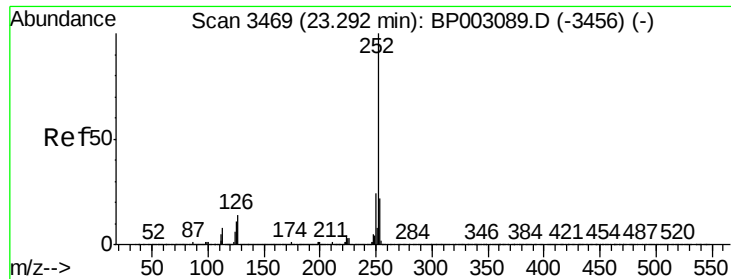
Tot Ion:252 Resp: 1409416
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 11.0 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 21.124 ng
RT: 22.72 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BP003214.D
Acq: 04 Sep 2020 16:42

Tgt Ion:252 Resp: 1409416
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 11.0 7.4 11.2





#90

Benzo(a)pyrene

Concen: 16.553 ng

RT: 23.29 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampleId :

TP-4

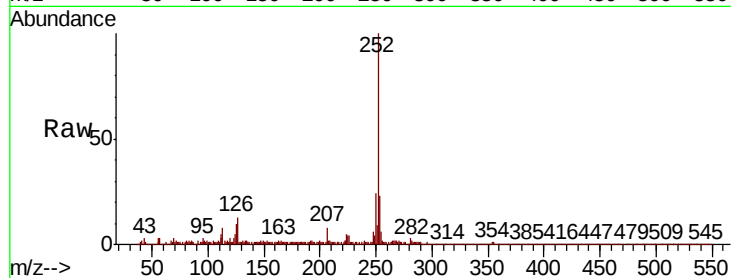
Tot Ion:252 Resp: 1072381

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

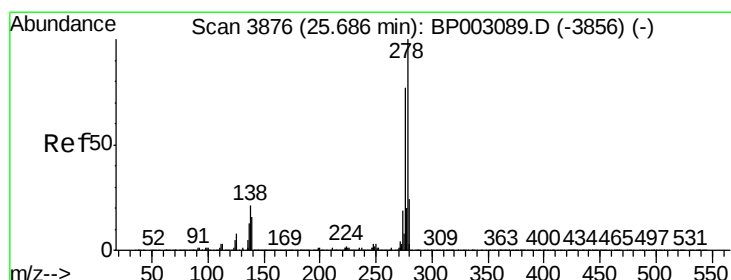
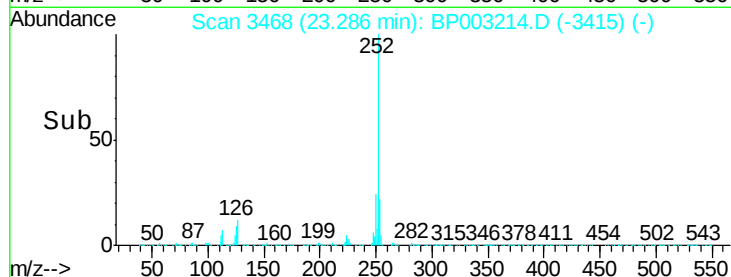
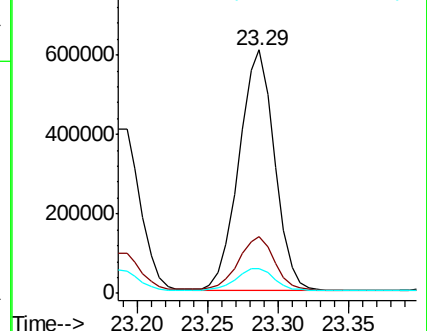
125 10.1 8.2 12.4



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: 2.556 ng

RT: 25.66 min Scan# 3871

Delta R.T. -0.00 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

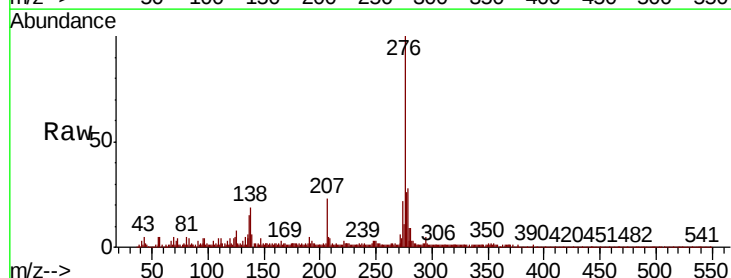
Tgt Ion:278 Resp: 175903

Ion Ratio Lower Upper

278 100

139 21.9 12.4 18.6#

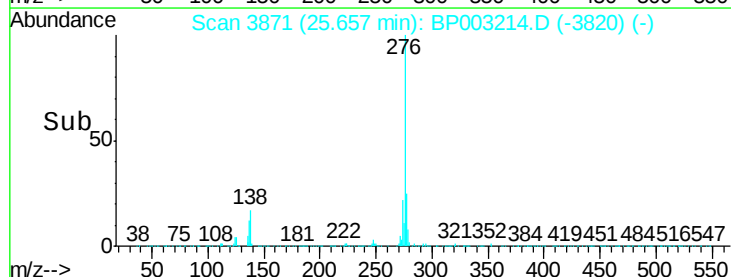
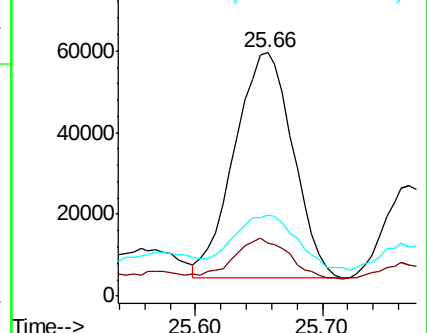
279 33.1 19.0 28.6#

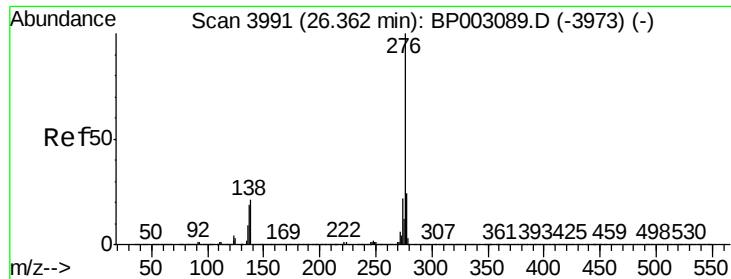


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 9.366 ng

RT: 26.35 min Scan# 3989

Delta R.T. 0.02 min

Lab File: BP003214.D

Acq: 04 Sep 2020 16:42

Instrument :

BNA_P

ClientSampleId :

TP-4

Tot Ion: 276 Resp: 646948

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.6

138 19.6 16.6 24.8

