

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003215.D
 Acq On : 04 Sep 2020 17:16
 Operator : CG/JU
 Sample : L3877-04 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Sep 04 17:56:04 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	7.66	152	268224	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	942227	20.00	ng	0.02
39) Acenaphthene-d10	14.30	164	639836	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1274688	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1011415	20.00	ng	0.00
86) Perylene-d12	23.38	264	1070420	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	51972	3.43	ng	0.00
7) Phenol-d6	6.84	99	57636	3.03	ng	0.00
23) Nitrobenzene-d5	8.80	82	38809	2.97	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	27596	3.19	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	98202	2.25	ng	0.00
79) Terphenyl-d14	19.63	244	132885	2.89	ng	0.00

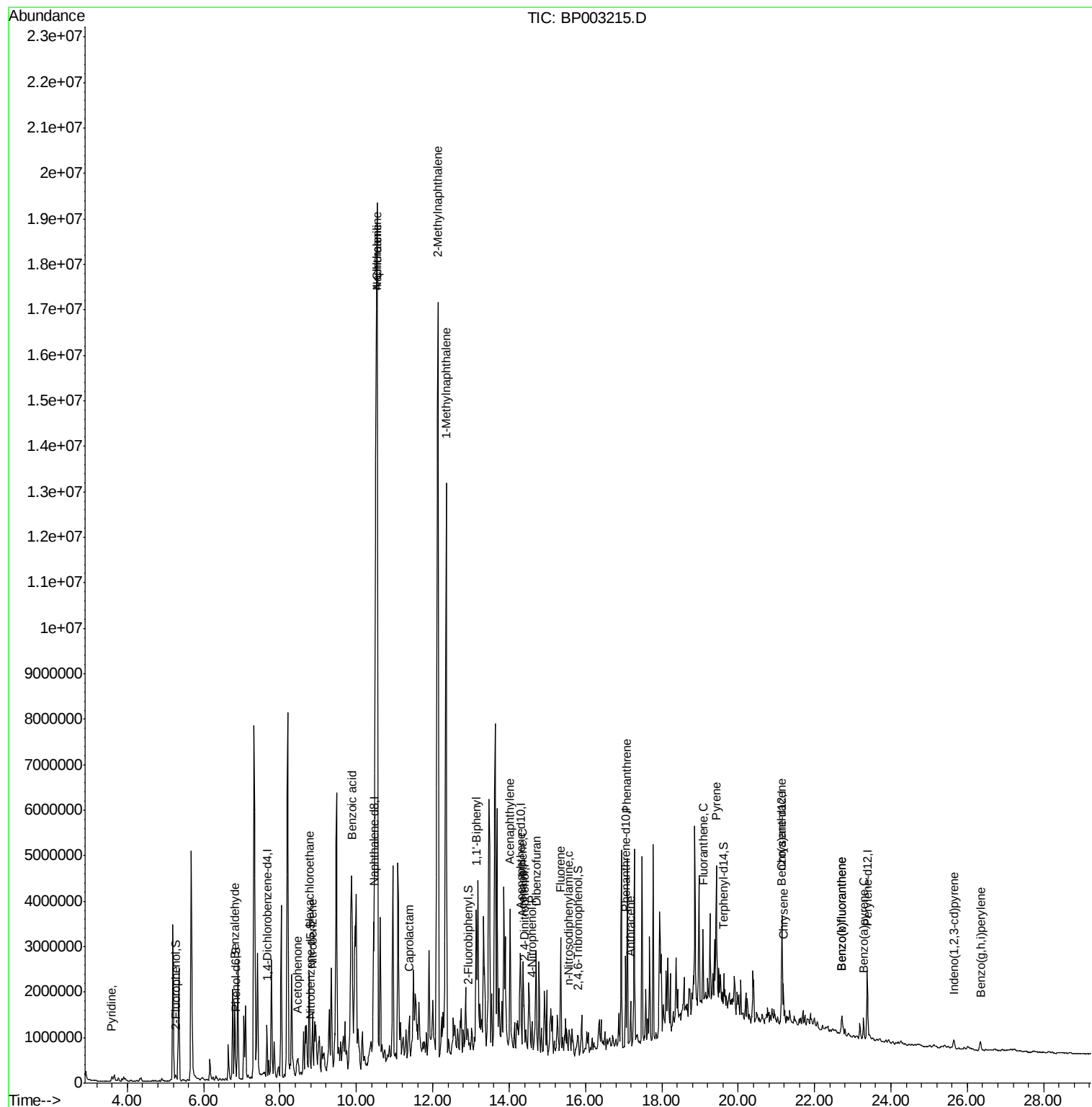
Target Compounds				Qvalue		
3) Pyridine	3.59	79	80045	5.244	ng	# 44
9) Benzaldehyde	6.82	77	110377	12.449	ng	# 1
18) Hexachloroethane	8.76	117	325349	47.902	ng	# 1
22) Acetophenone	8.46	105	242822	11.572	ng	# 64
24) Nitrobenzene	8.85	77	41421	3.227	ng	# 1
31) Naphthalene	10.53	128	33859872	699.457	ng	# 88
32) Benzoic acid	9.89	122	4219	9.382	ng	# 1
33) 4-Chloroaniline	10.55	127	5750466	284.306	ng	# 38
35) Caprolactam	11.38	113	19437	4.533	ng	# 1
37) 2-Methylnaphthalene	12.14	142	12081518	348.880	ng	# 95
38) 1-Methylnaphthalene	12.35	142	8003661	243.166	ng	100
46) 1,1'-Biphenyl	13.13	154	1621424	33.785	ng	99
49) Acenaphthylene	14.02	152	780397	13.137	ng	# 85
52) Acenaphthene	14.36	154	631051	17.292	ng	99
54) 2,4-Dinitrophenol	14.39	184	8249	9.100	ng	# 1
55) Dibenzofuran	14.70	168	367201	6.407	ng	# 76
56) 4-Nitrophenol	14.60	139	17737	2.146	ng	85
58) Fluorene	15.35	166	1058144	23.967	ng	98
66) n-Nitrosodiphenylamine	15.57	169	145621	3.907	ng	86
71) Phenanthrene	17.09	178	2628205	38.051	ng	99
72) Anthracene	17.19	178	621905	9.408	ng	99
75) Fluoranthene	19.07	202	784993	9.833	ng	98
78) Pyrene	19.43	202	1483633	22.601	ng	100
81) Benzo(a)anthracene	21.13	228	409718	6.467	ng	95
83) Chrysene	21.18	228	463381	7.639	ng	96
87) Indeno(1,2,3-cd)pyrene	25.65	276	198072	2.481	ng	97
88) Benzo(b)fluoranthene	22.71	252	460276	6.918	ng	# 93
89) Benzo(k)fluoranthene	22.71	252	460276	7.241	ng	# 94
90) Benzo(a)pyrene	23.28	252	324547	5.258	ng	# 95
92) Benzo(g,h,i)perylene	26.34	276	240418	3.653	ng	96

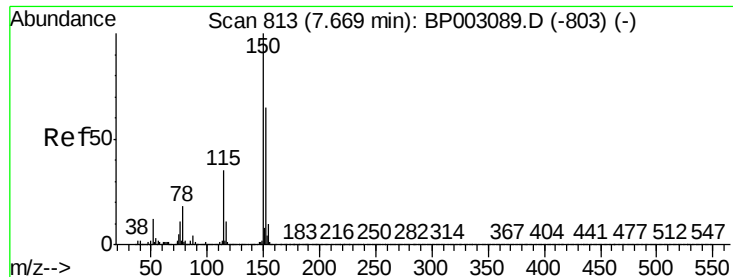
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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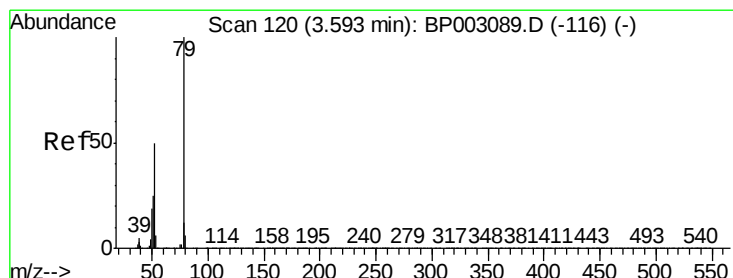
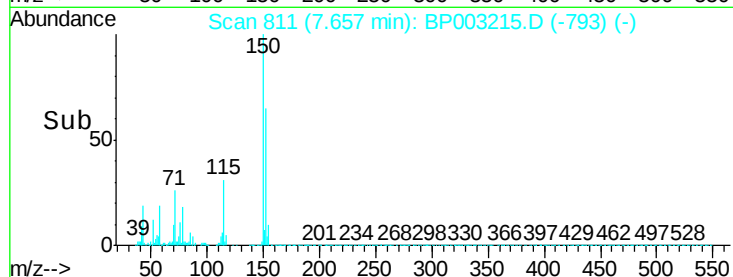
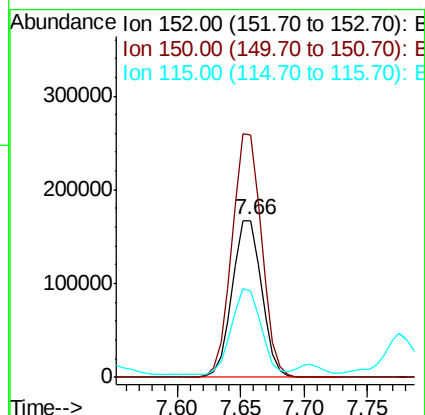
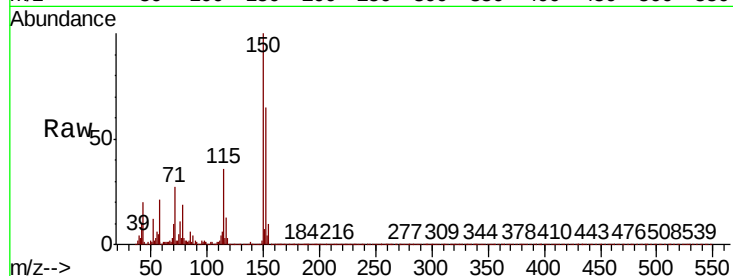


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Instrument :
BNA_P
ClientSampleId :
TP-1

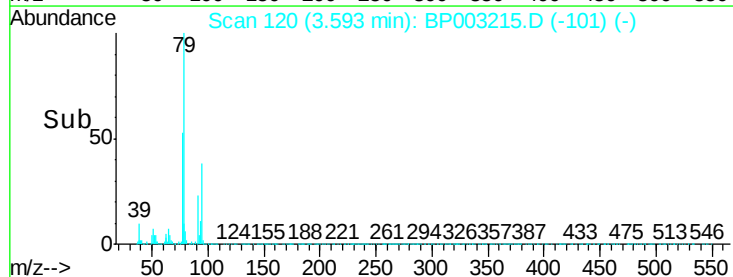
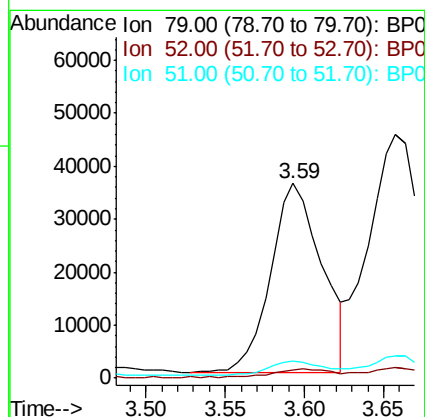
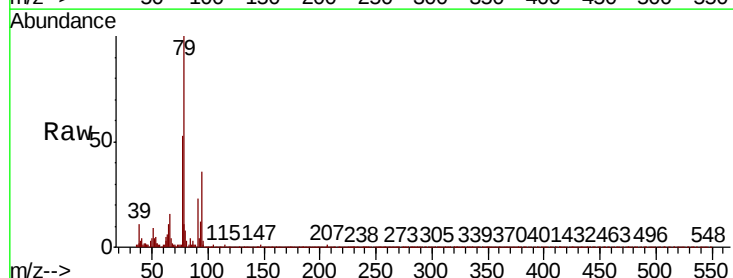
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	55.0	43.8	65.6

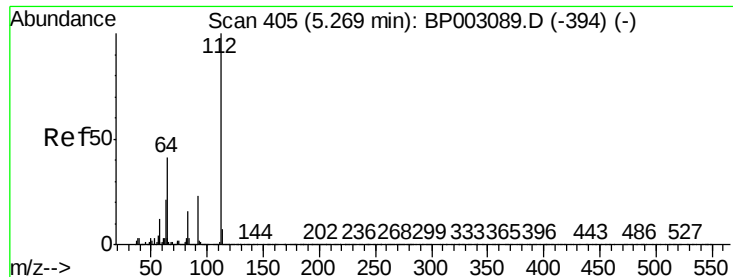


#3

Pyridine
Concen: 5.244 ng
RT: 3.59 min Scan# 120
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion	Ratio	Lower	Upper
79	100		
52	4.3	41.3	61.9#
51	8.6	21.2	31.8#





#5

2-Fluorophenol

Concen: 3.426 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1

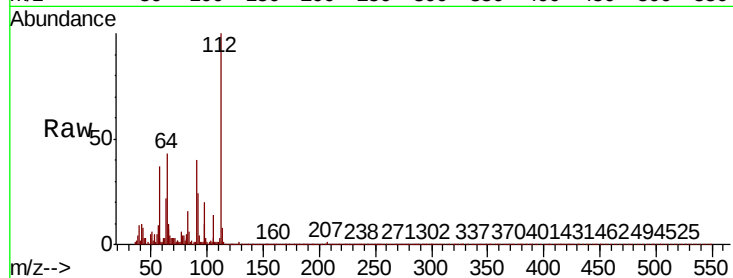
Tot Ion:112 Resp: 51972

Ion Ratio Lower Upper

112 100

64 43.2 32.8 49.2

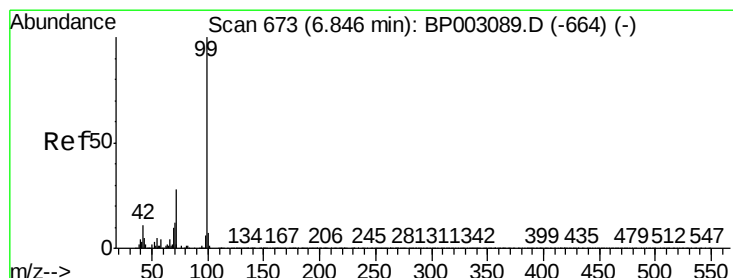
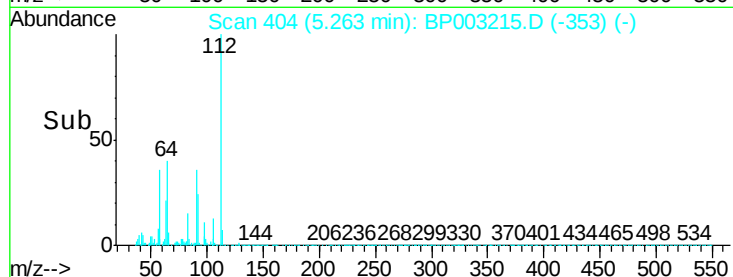
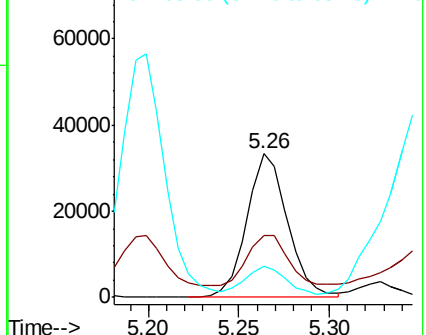
63 21.7 17.0 25.4



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: 3.031 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

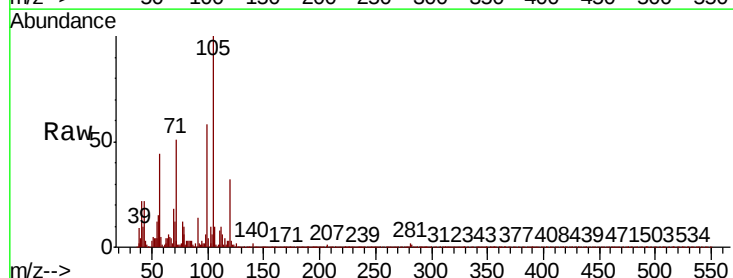
Tgt Ion: 99 Resp: 57636

Ion Ratio Lower Upper

99 100

42 17.8 8.6 13.0#

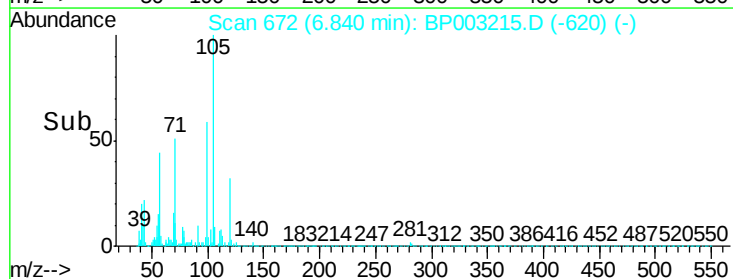
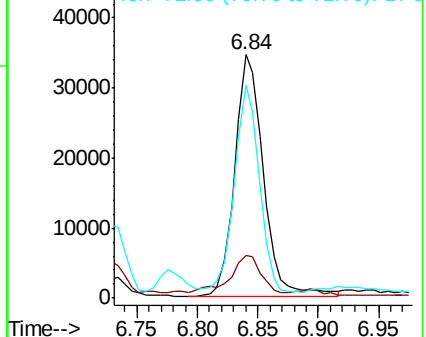
71 87.2 23.4 35.2#

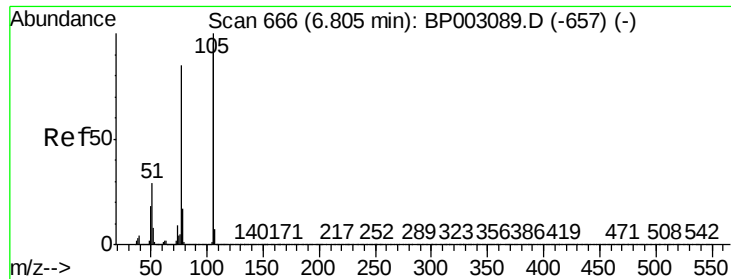


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#9

Benzaldehyde

Concen: 12.449 ng

RT: 6.82 min Scan# 668

Delta R.T. 0.02 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1

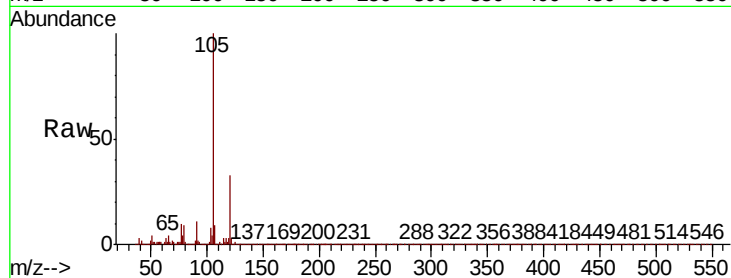
Tot Ion: 77 Resp: 110377

Ion Ratio Lower Upper

77 100

105 954.9 97.1 137.1#

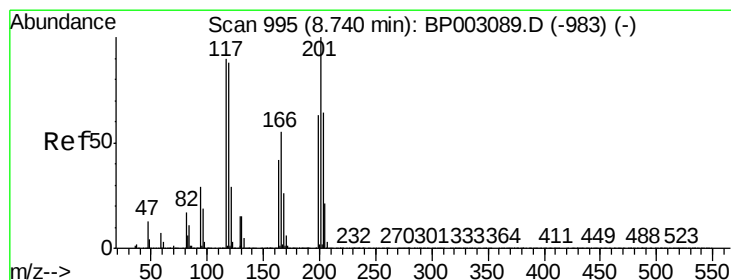
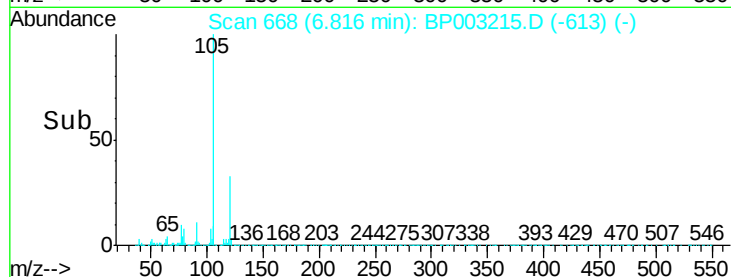
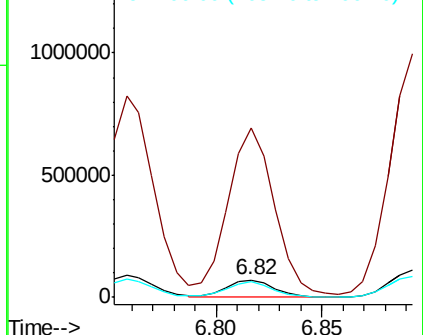
106 88.3 93.7 133.7#



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#18

Hexachloroethane

Concen: 47.902 ng

RT: 8.76 min Scan# 999

Delta R.T. 0.04 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

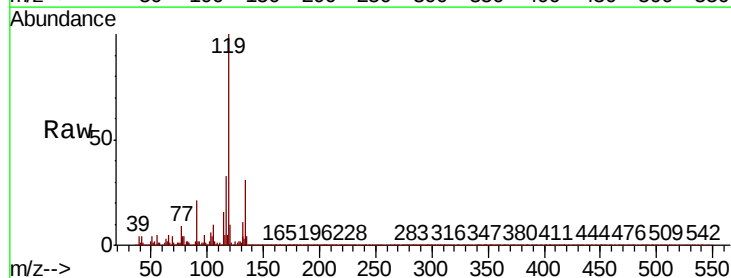
Tgt Ion: 117 Resp: 325349

Ion Ratio Lower Upper

117 100

119 306.1 78.8 118.2#

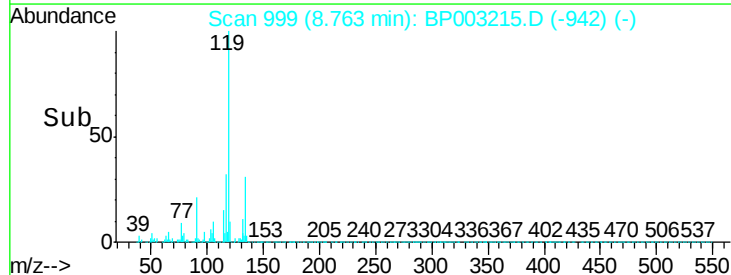
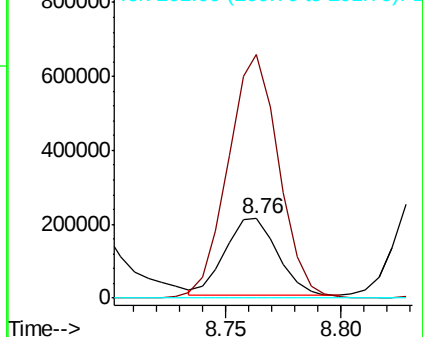
201 0.0 92.3 138.5#

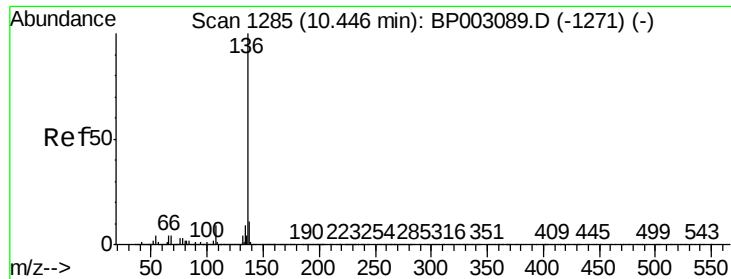


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

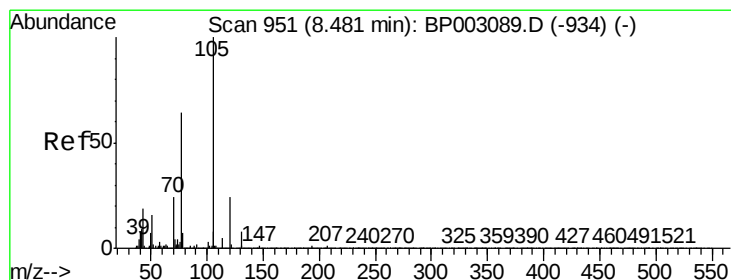
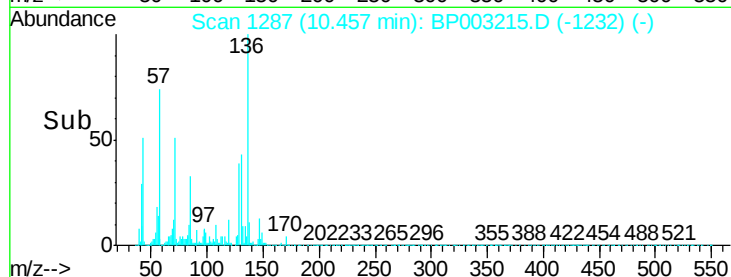
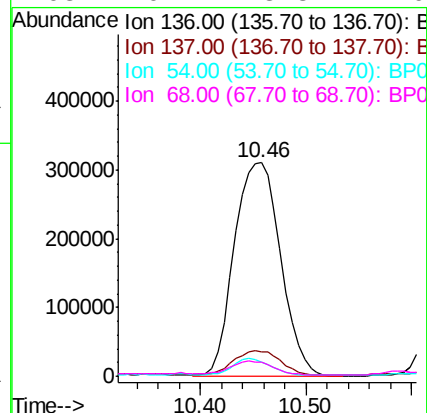
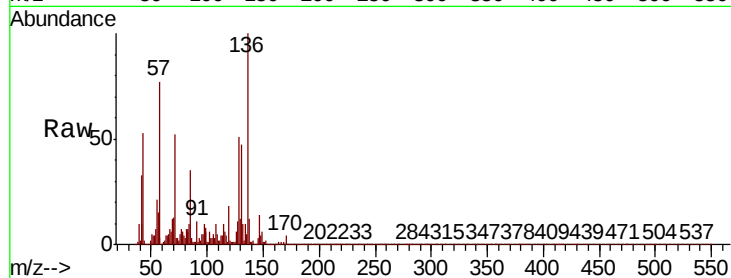




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. 0.02 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

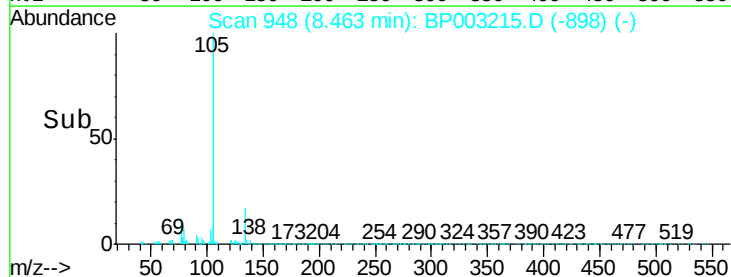
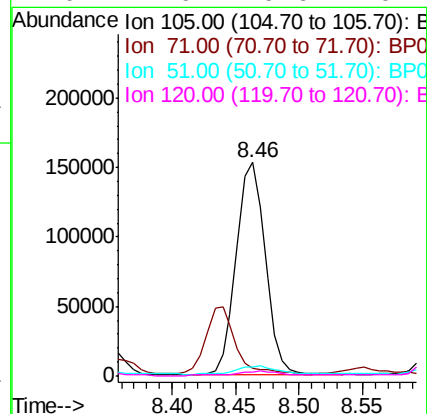
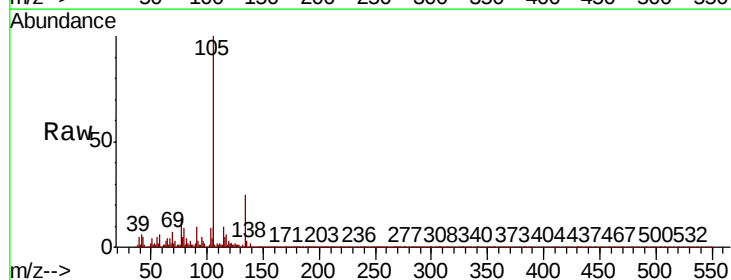
Instrument :
BNA_P
ClientSampleId :
TP-1

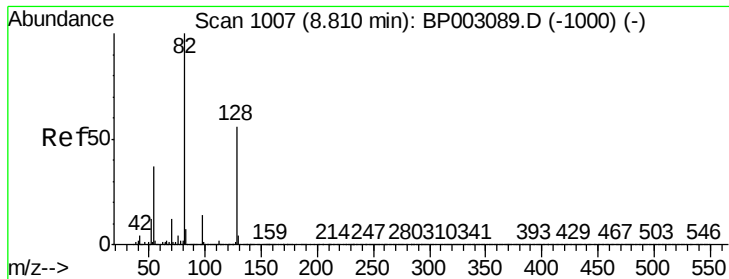
Tot Ion:136	Resp:	942227
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.6 13.0
54	6.6	3.6 5.4#
68	6.4	3.3 4.9#



#22
Acetophenone
Concen: 11.572 ng
RT: 8.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion:105	Resp:	242822
Ion	Ratio	Lower Upper
105	100	
71	3.4	2.6 3.8
51	4.4	13.5 20.3#
120	1.9	19.6 29.4#

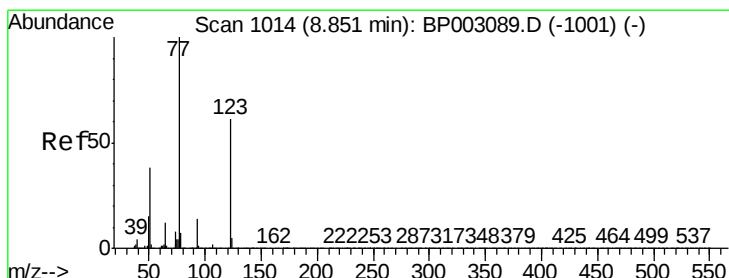
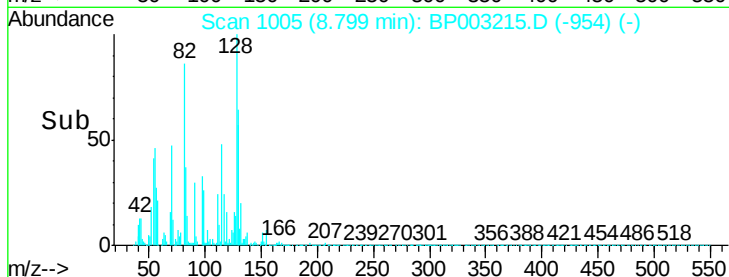
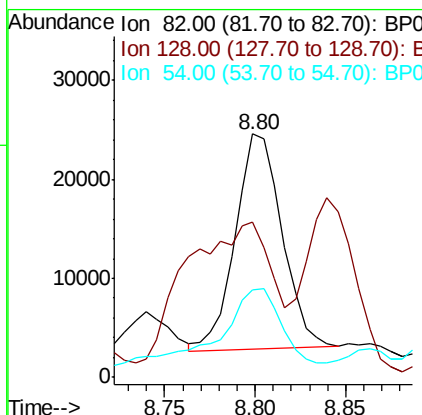
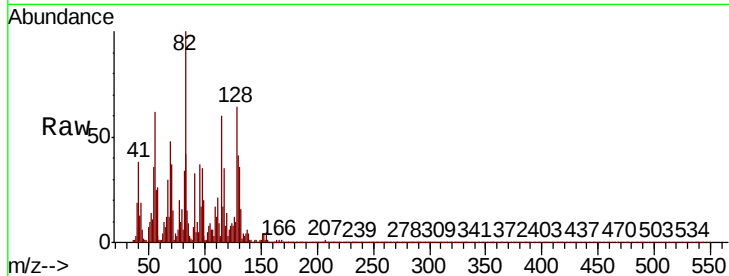




#23
Nitrobenzene-d5
Concen: 2.969 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

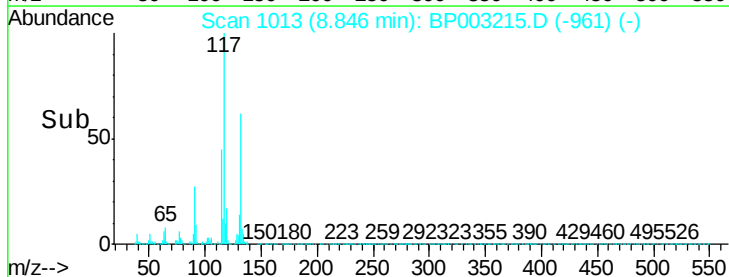
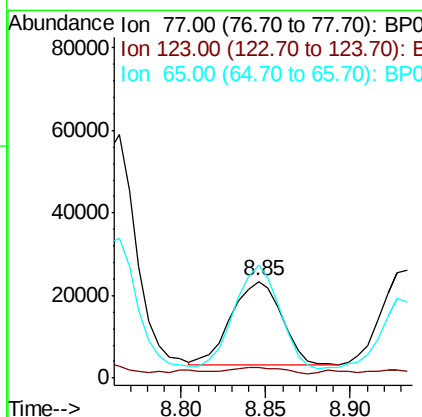
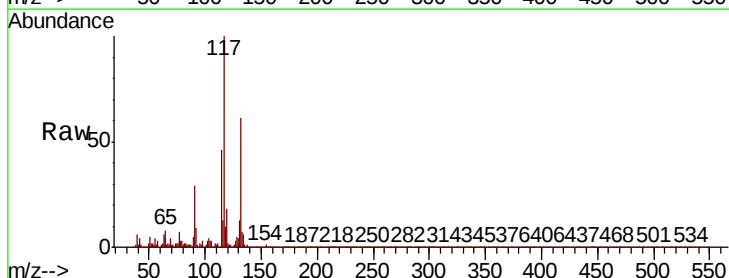
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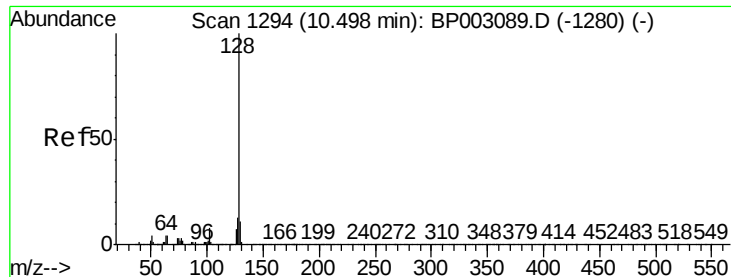
Tot Ion: 82 Resp: 38809
Ion Ratio Lower Upper
82 100
128 63.9 45.6 68.4
54 36.1 30.1 45.1



#24
Nitrobenzene
Concen: 3.227 ng
RT: 8.85 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion: 77 Resp: 41421
Ion Ratio Lower Upper
77 100
123 10.9 48.6 72.8#
65 116.4 10.0 15.0#

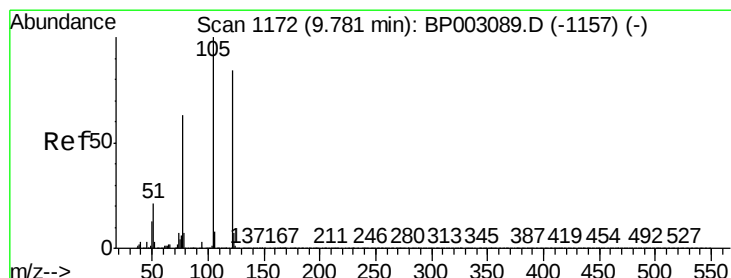
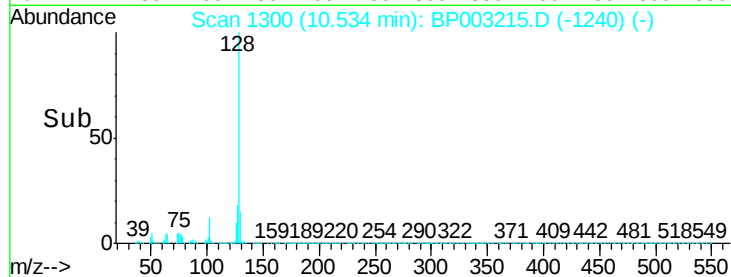
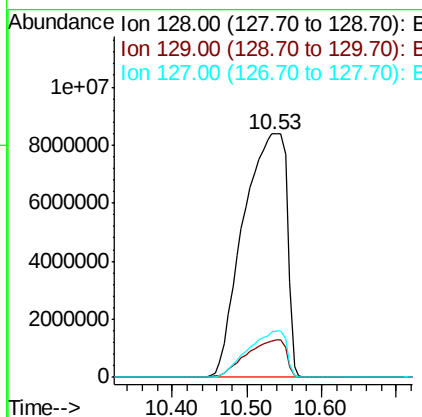
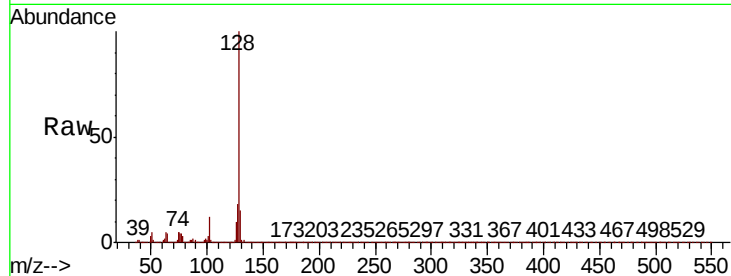




#31
Naphthalene
Concen: 699.457 ng
RT: 10.53 min Scan# 1300
Delta R.T. 0.05 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

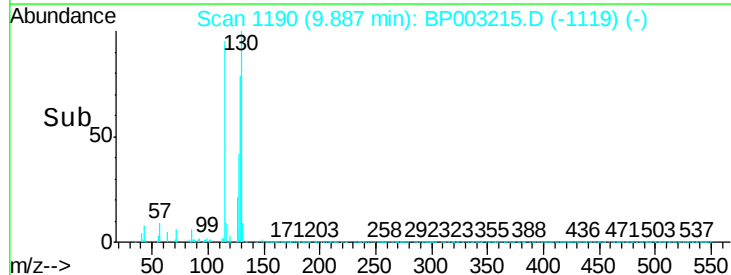
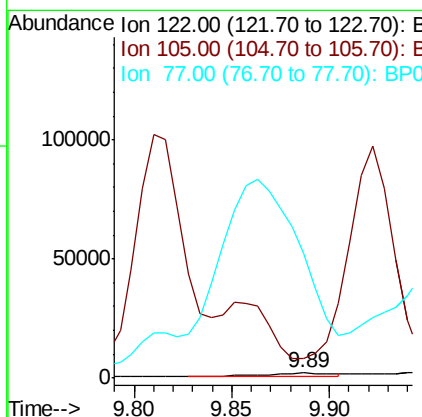
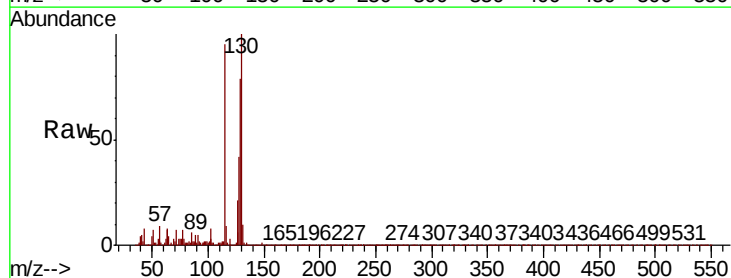
Instrument :
BNA_P
ClientSampled :
TP-1

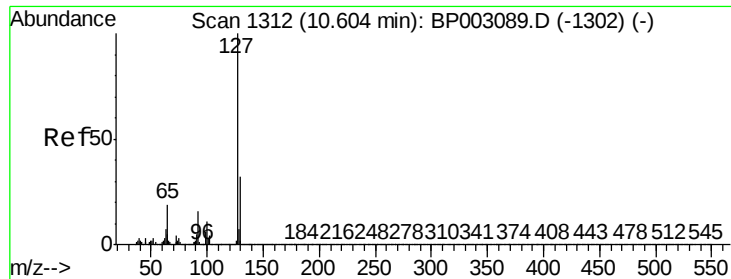
Tot Ion:128 Resp:33859872
Ion Ratio Lower Upper
128 100
129 15.0 8.8 13.2#
127 18.4 10.6 15.8#



#32
Benzoic acid
Concen: 9.382 ng
RT: 9.89 min Scan# 1190
Delta R.T. 0.12 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion:122 Resp: 4219
Ion Ratio Lower Upper
122 100
105 370.1 94.1 134.1#
77 2322.2 50.1 90.1#

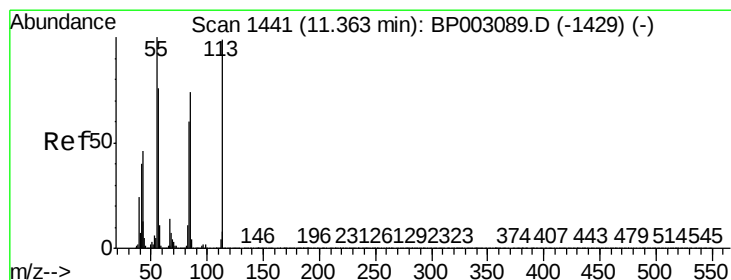
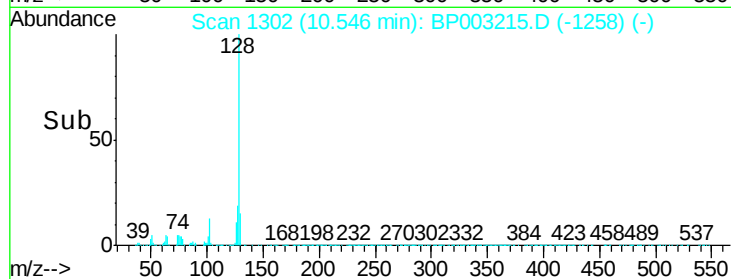
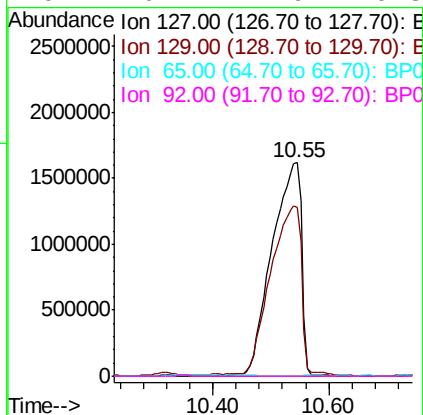
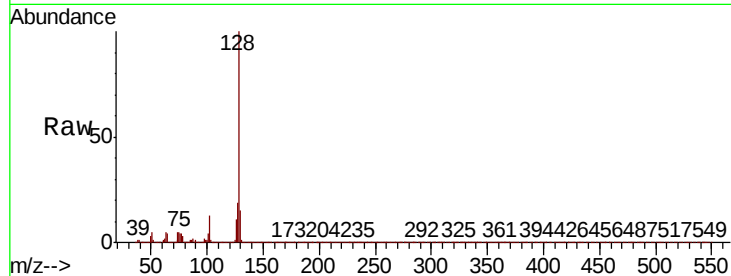




#33
4-Chloroaniline
Concen: 284.306 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

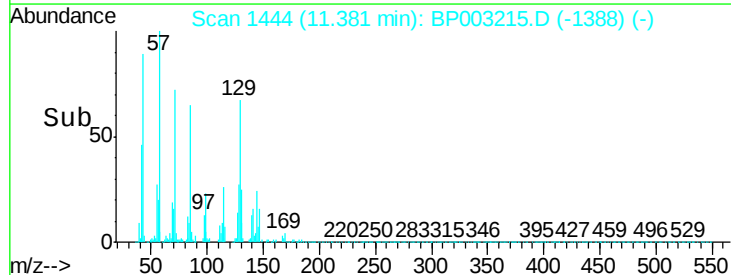
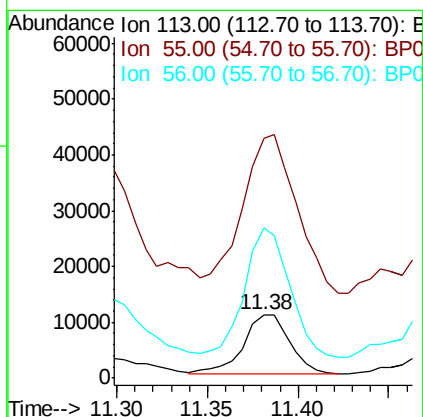
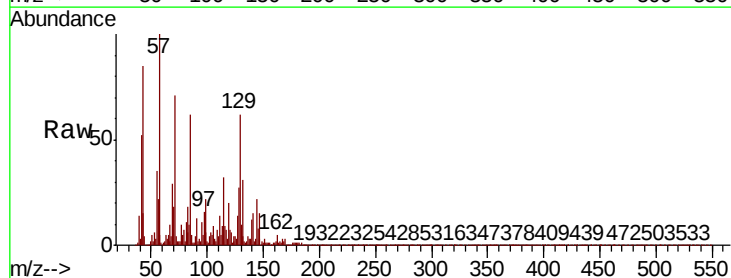
Instrument :
BNA_P
ClientSampled :
TP-1

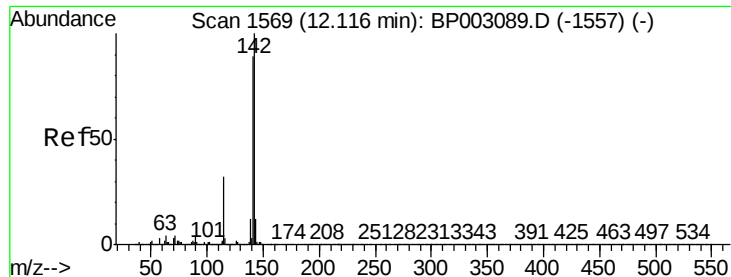
Tot Ion:127 Resp: 5750466
Ion Ratio Lower Upper
127 100
129 79.1 25.7 38.5#
65 0.0 17.3 25.9#
92 0.1 12.9 19.3#



#35
Caprolactam
Concen: 4.533 ng
RT: 11.38 min Scan# 1444
Delta R.T. 0.03 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion:113 Resp: 19437
Ion Ratio Lower Upper
113 100
55 377.1 77.3 117.3#
56 237.0 55.9 95.9#

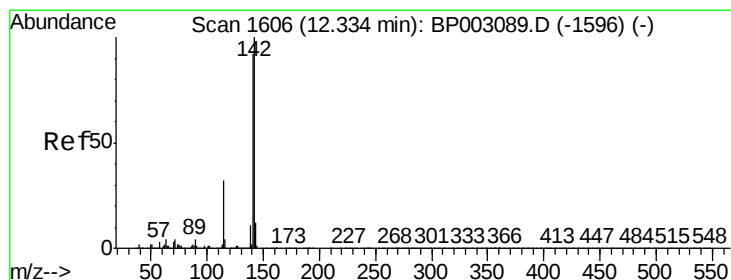
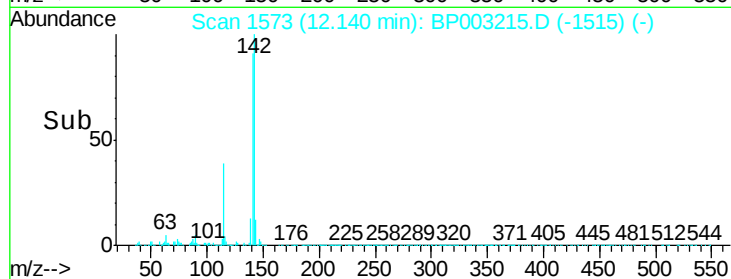
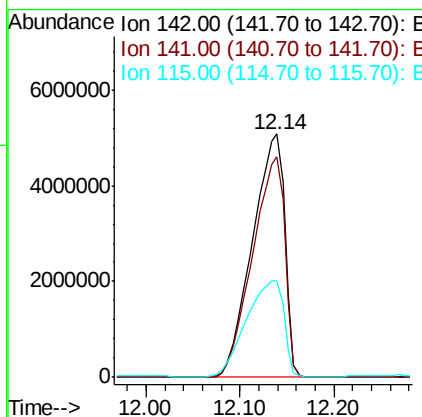
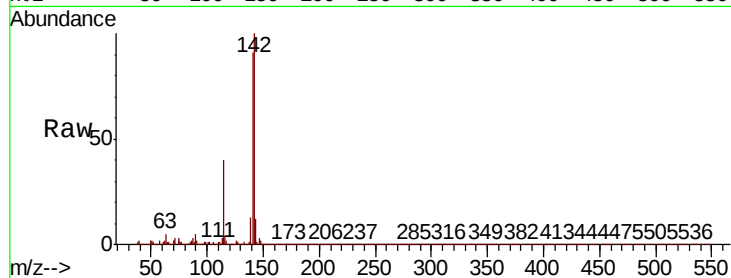




#37
 2-Methylnaphthalene
 Concen: 348.880 ng
 RT: 12.14 min Scan# 1573
 Delta R.T. 0.04 min
 Lab File: BP003215.D
 Acq: 04 Sep 2020 17:16

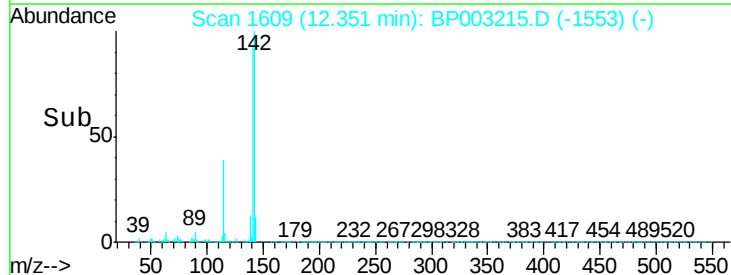
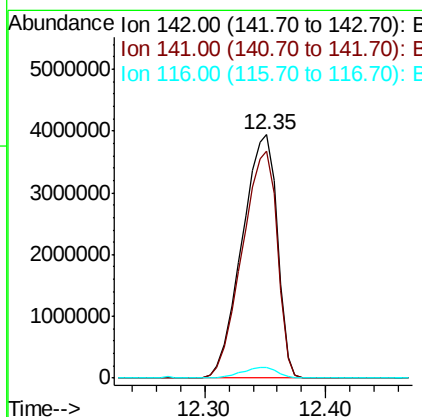
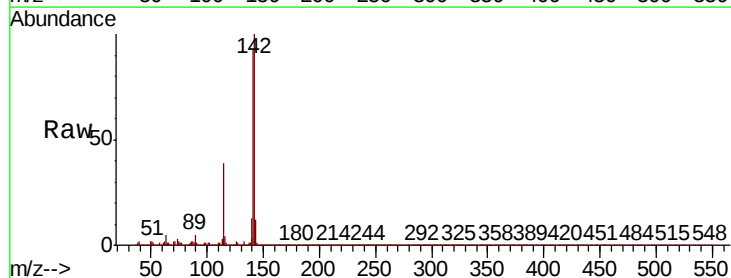
Instrument :
 BNA_P
 ClientSampleId :
 TP-1

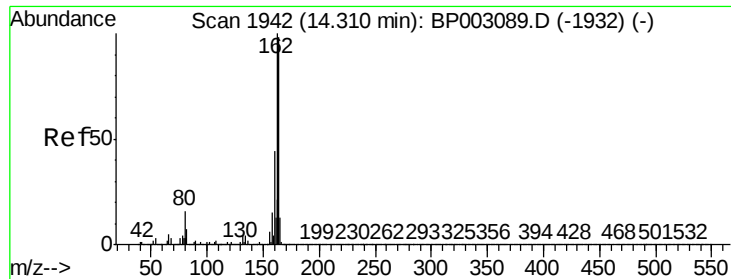
Tot Ion:142 Resp:12081518
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.4 107.2
 115 39.6 25.8 38.6#



#38
 1-Methylnaphthalene
 Concen: 243.166 ng
 RT: 12.35 min Scan# 1609
 Delta R.T. 0.03 min
 Lab File: BP003215.D
 Acq: 04 Sep 2020 17:16

Tgt Ion:142 Resp: 8003661
 Ion Ratio Lower Upper
 142 100
 141 93.3 74.4 111.6
 116 4.2 2.9 4.3

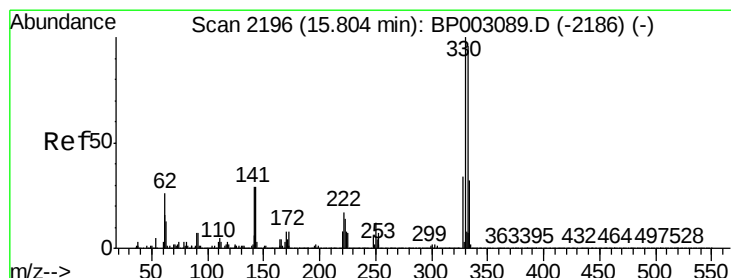
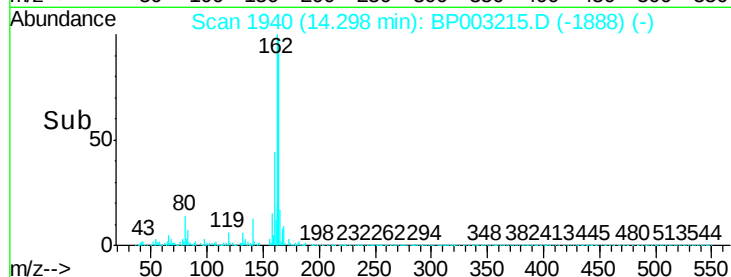
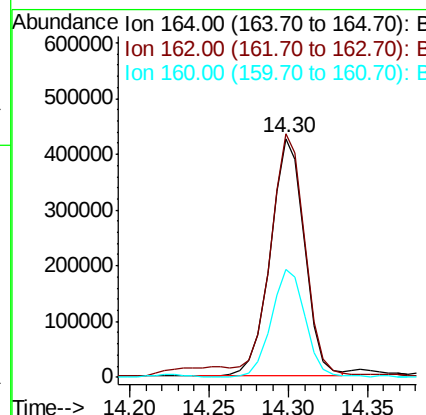
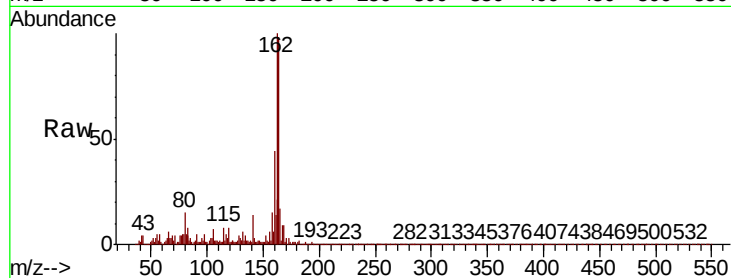




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

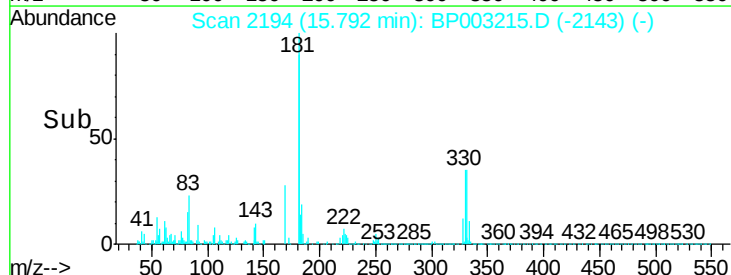
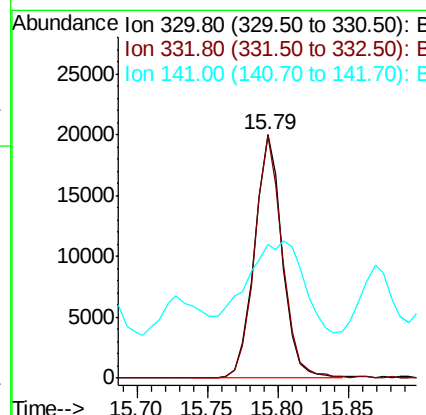
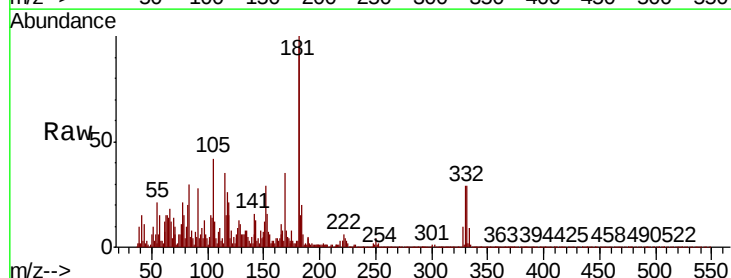
Instrument :
BNA_P
ClientSampleID :
TP-1

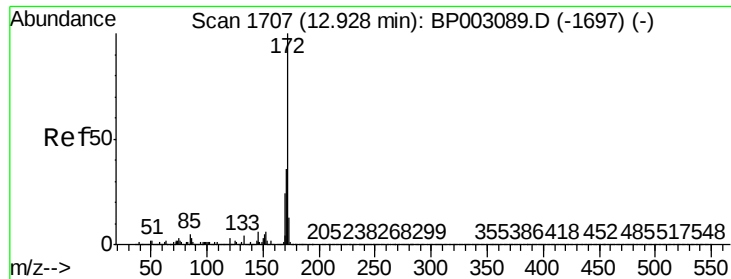
Tot Ion:164 Resp: 639836
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.2
160 45.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 3.189 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion:330 Resp: 27596
Ion Ratio Lower Upper
330 100
332 99.4 77.1 115.7
141 77.4 23.4 35.2#

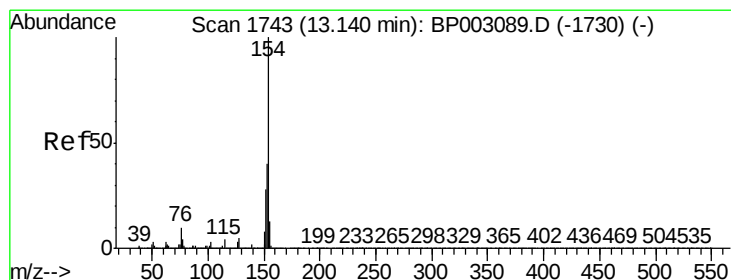
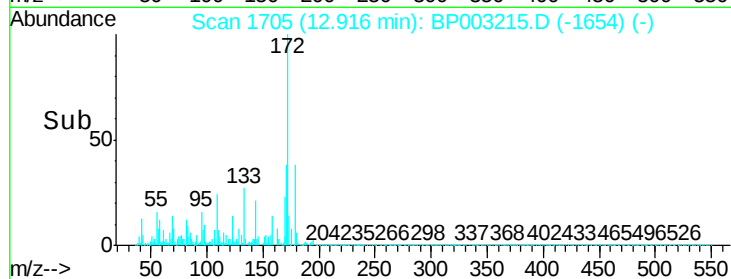
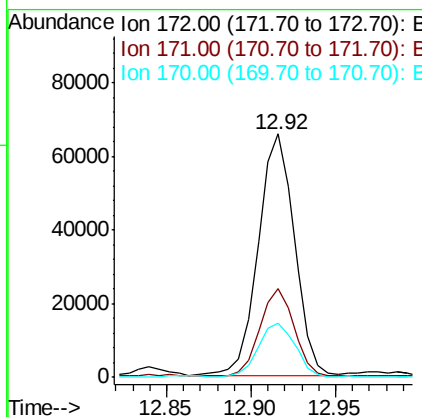
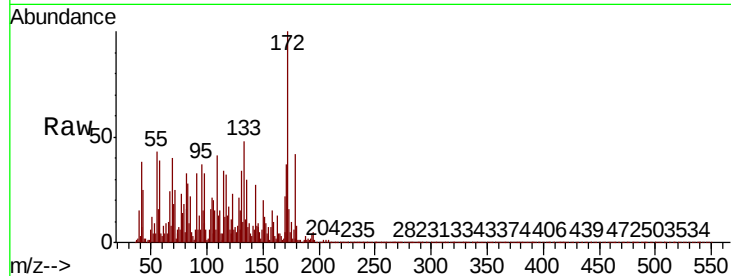




#45
2-Fluorobiphenyl
Concen: 2.248 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

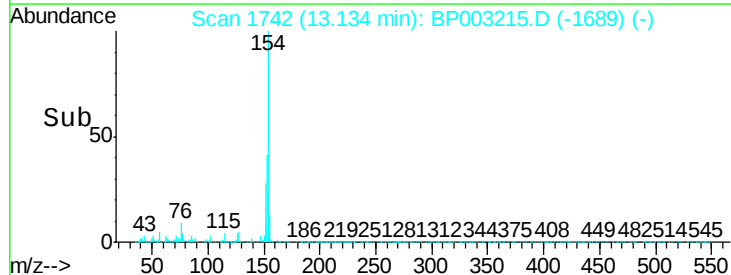
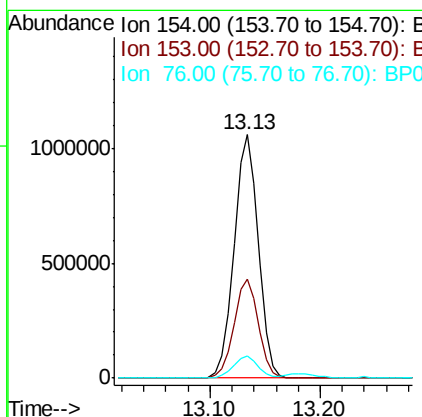
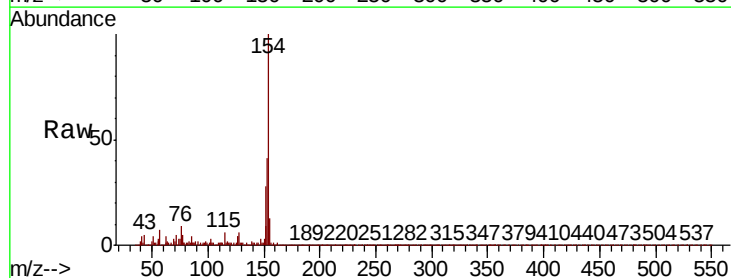
Instrument :
BNA_P
ClientSampleId :
TP-1

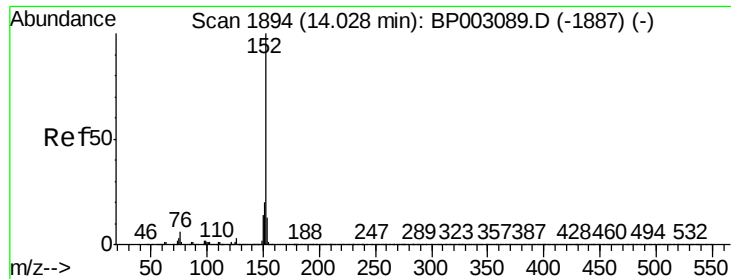
Tot Ion:172 Resp: 98202
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 22.2 19.2 28.8



#46
1,1'-Biphenyl
Concen: 33.785 ng
RT: 13.13 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion:154 Resp: 1621424
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 9.1 0.0 29.3





#49

Acenaphthylene

Concen: 13.137 ng

RT: 14.02 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1

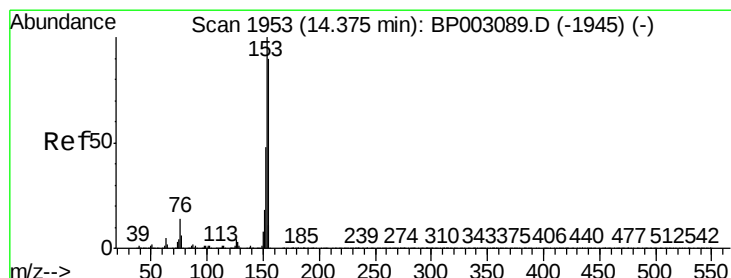
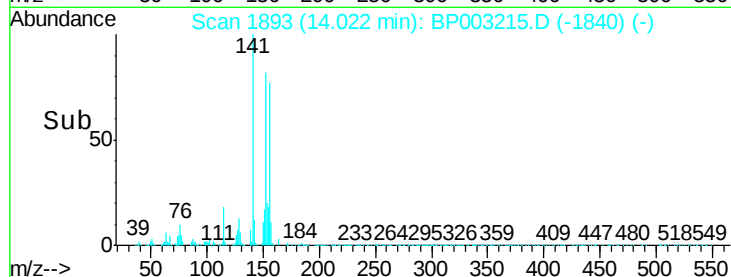
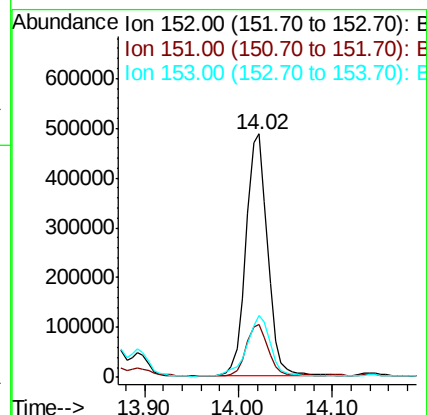
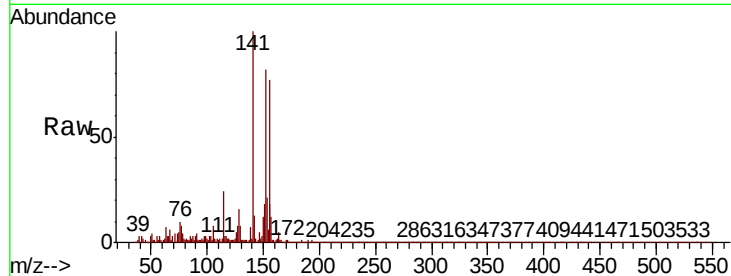
Tot Ion:152 Resp: 780397

Ion Ratio Lower Upper

152 100

151 21.7 15.9 23.9

153 25.4 10.5 15.7#



#52

Acenaphthene

Concen: 17.292 ng

RT: 14.36 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

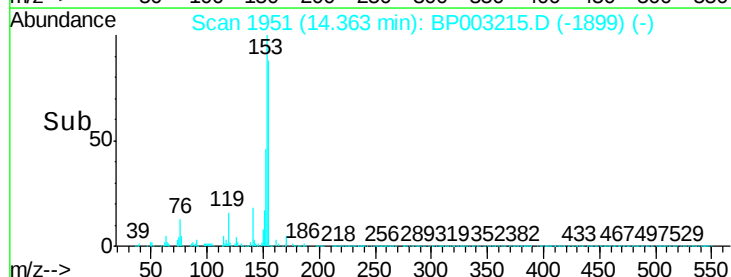
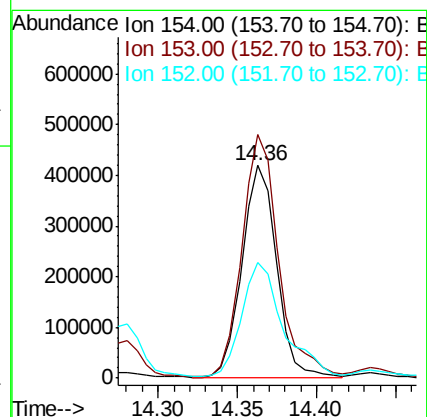
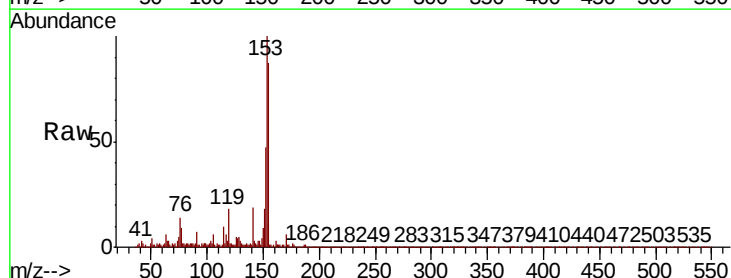
Tgt Ion:154 Resp: 631051

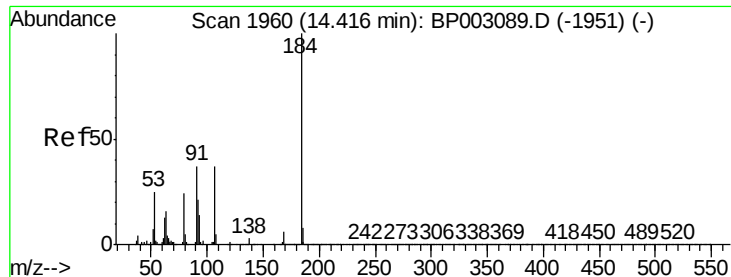
Ion Ratio Lower Upper

154 100

153 114.5 91.0 136.6

152 54.1 43.0 64.6

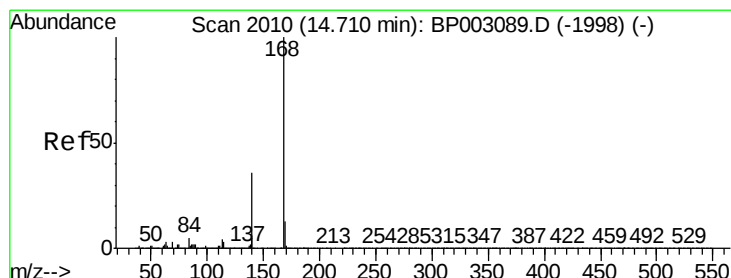
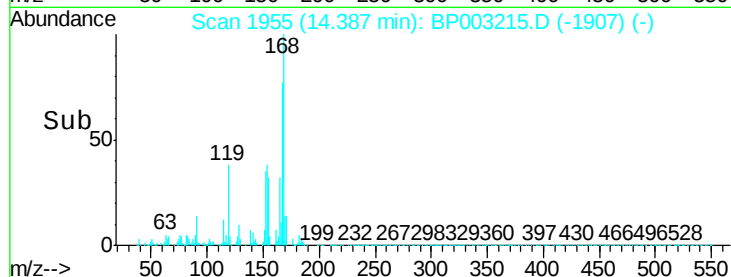
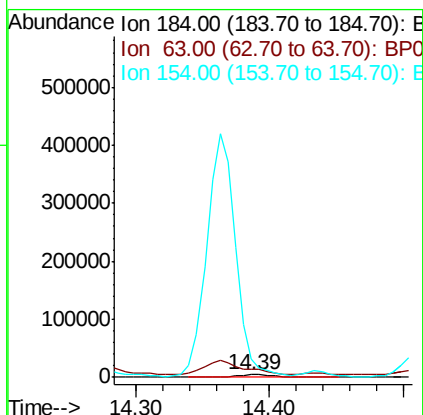
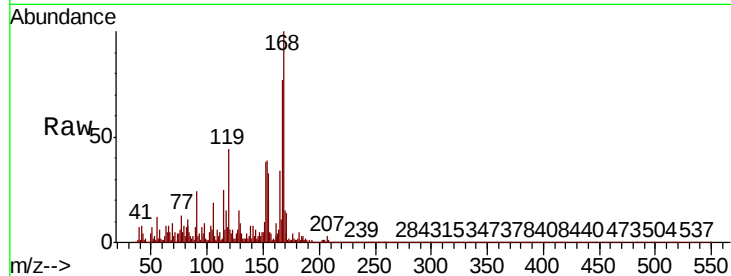




#54
2,4-Dinitrophenol
Concen: 9.100 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

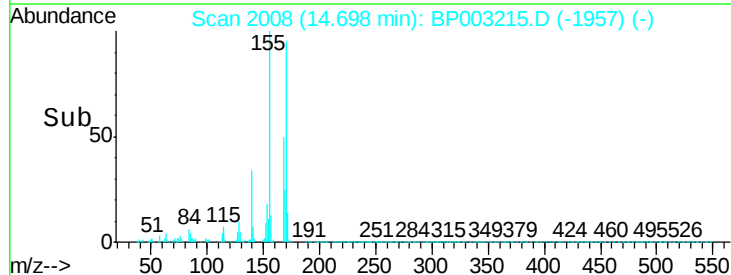
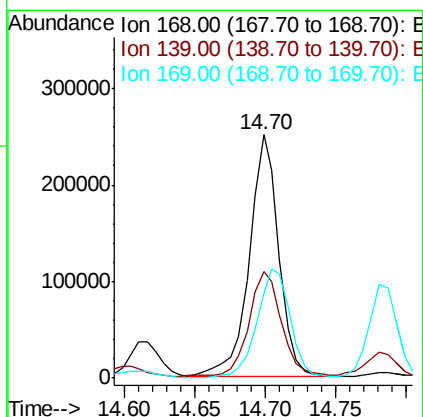
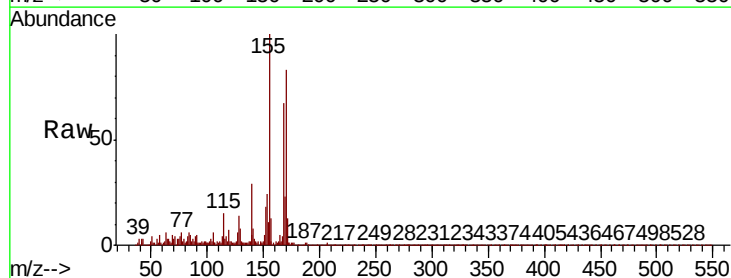
Instrument :
BNA_P
ClientSampled :
TP-1

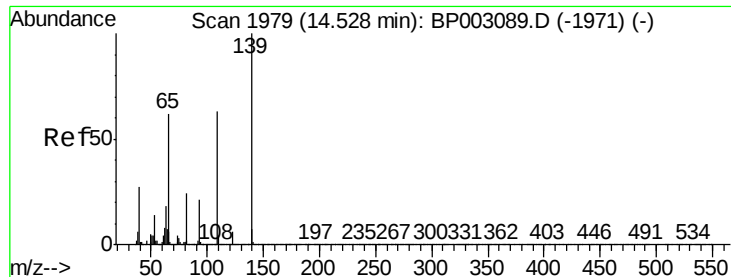
Tot Ion:184 Resp: 8249
Ion Ratio Lower Upper
184 100
63 275.0 32.3 48.5#
154 676.7 49.1 73.7#



#55
Dibenzofuran
Concen: 6.407 ng
RT: 14.70 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion:168 Resp: 367201
Ion Ratio Lower Upper
168 100
139 44.1 29.1 43.7#
169 34.9 10.4 15.6#

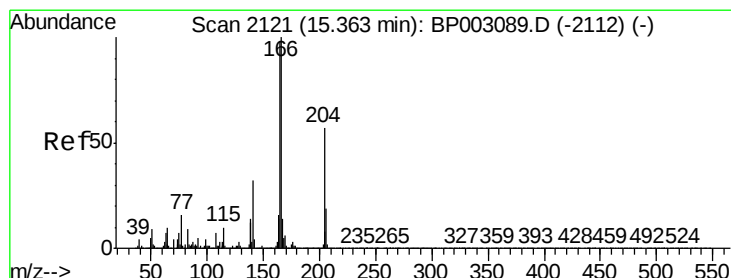
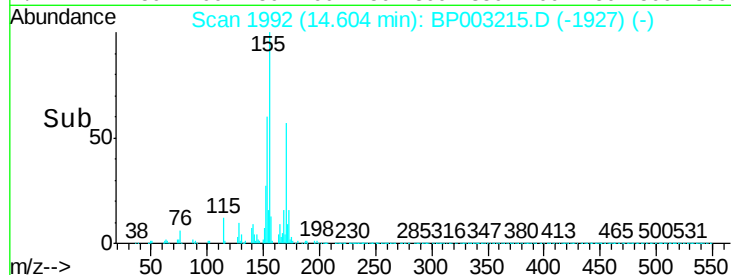
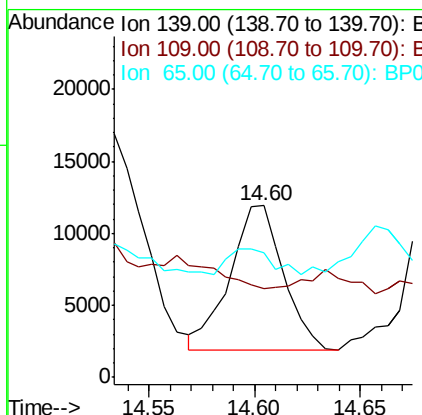
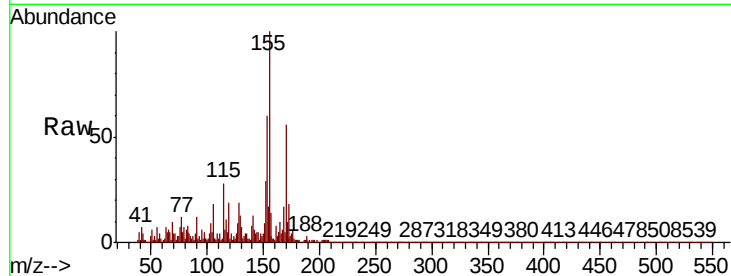




#56
4-Nitrophenol
Concen: 2.146 ng
RT: 14.60 min Scan# 1992
Delta R.T. 0.08 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

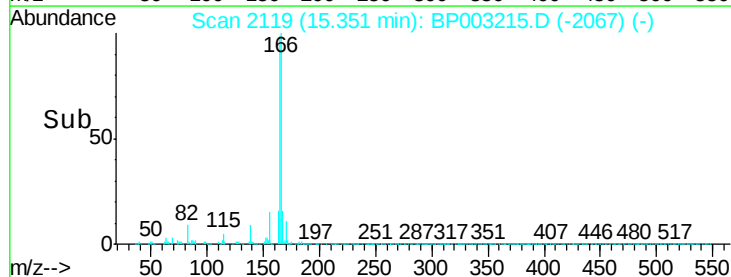
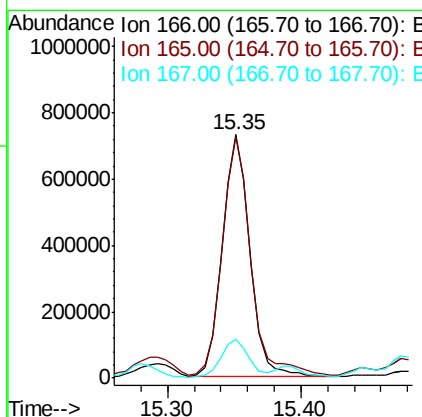
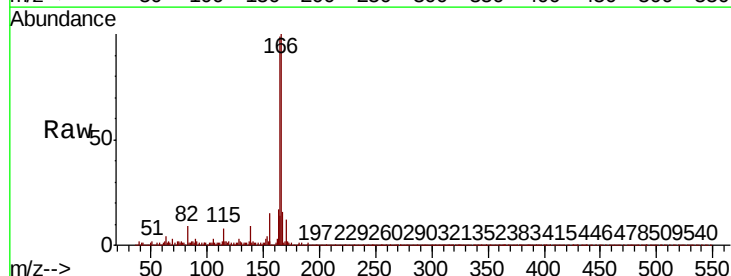
Instrument :
BNA_P
ClientSampleId :
TP-1

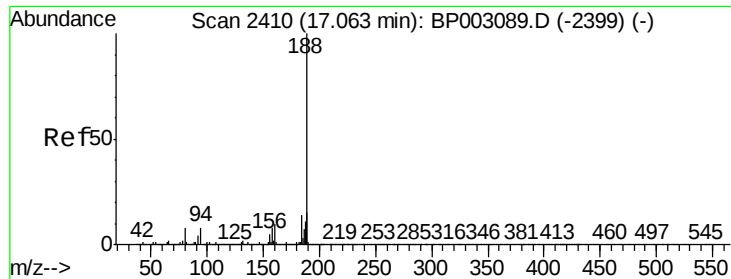
Tot Ion:139 Resp: 17737
Ion Ratio Lower Upper
139 100
109 52.0 44.6 84.6
65 72.1 41.6 81.6



#58
Fluorene
Concen: 23.967 ng
RT: 15.35 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion:166 Resp: 1058144
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.8
167 15.9 11.0 16.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1

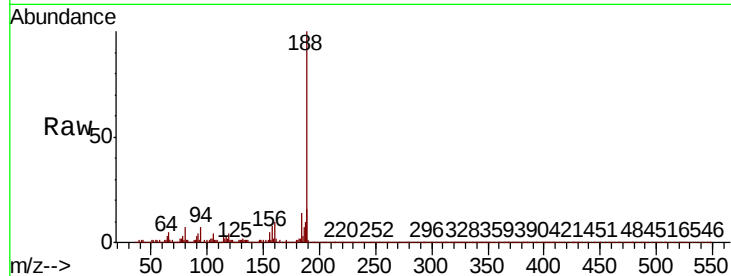
Tot Ion:188 Resp: 1274688

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.2

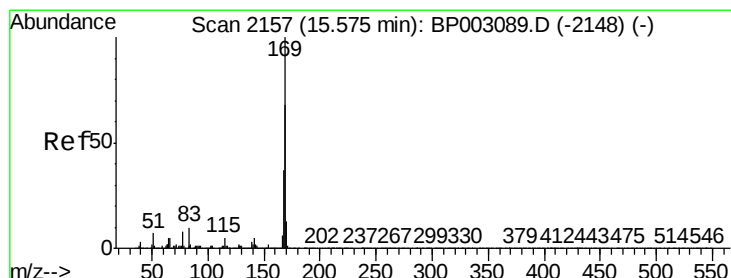
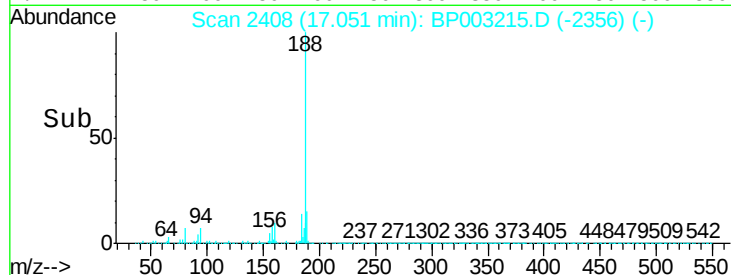
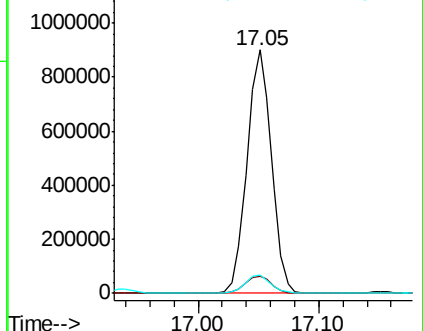
80 7.3 6.2 9.2



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: 3.907 ng

RT: 15.57 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

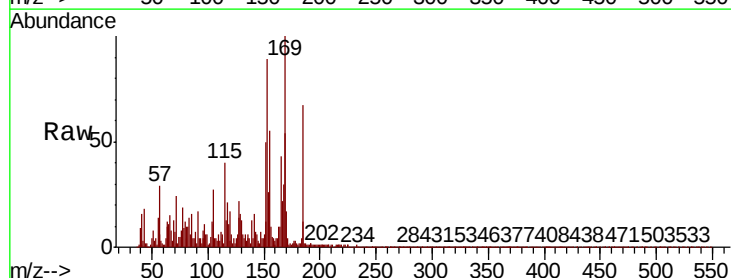
Tgt Ion:169 Resp: 145621

Ion Ratio Lower Upper

169 100

168 54.4 53.8 80.6

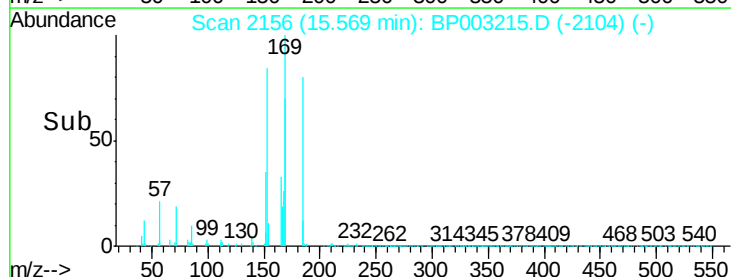
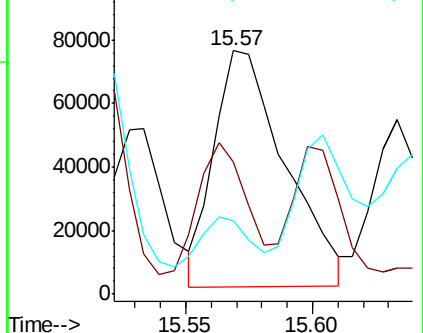
167 30.0 28.9 43.3

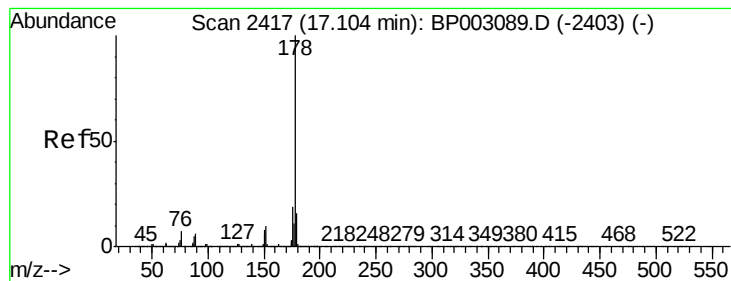


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 38.051 ng

RT: 17.09 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Instrument :

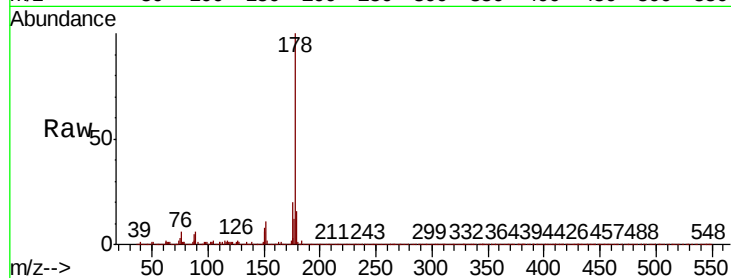
BNA_P

ClientSampled :

TP-1

Tot Ion:178 Resp: 2628205

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.8	12.5	18.7

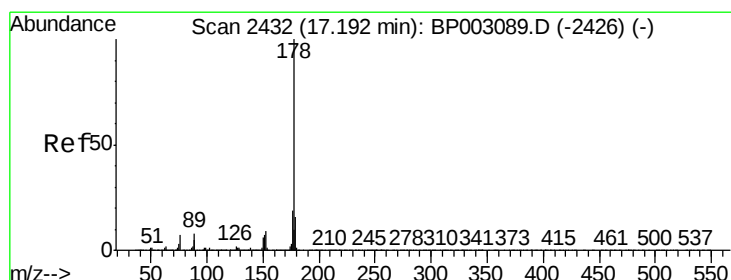
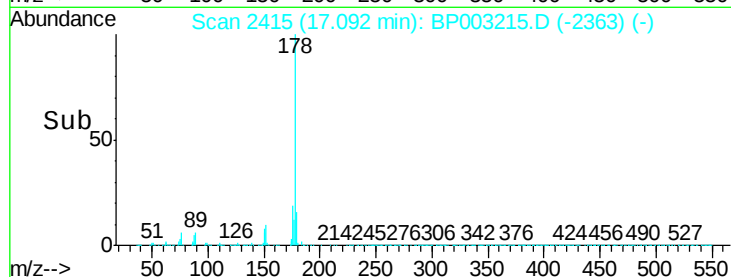
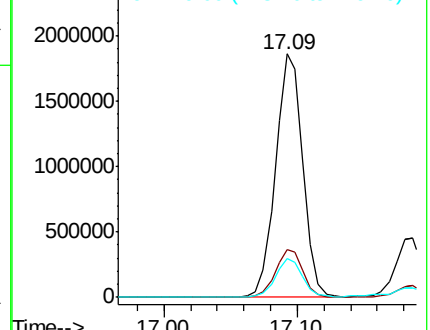


Abundance

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: 9.408 ng

RT: 17.19 min Scan# 2431

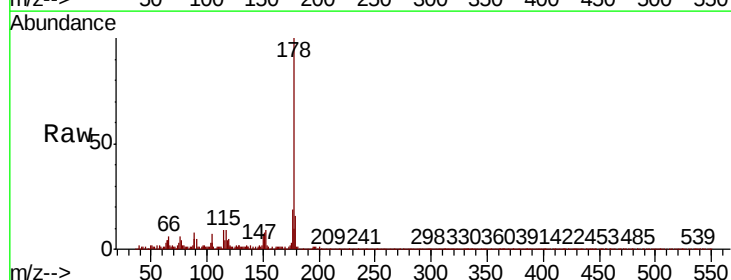
Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Tgt Ion:178 Resp: 621905

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.7	12.5	18.7

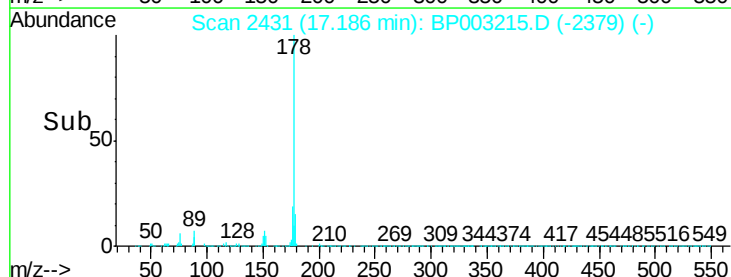
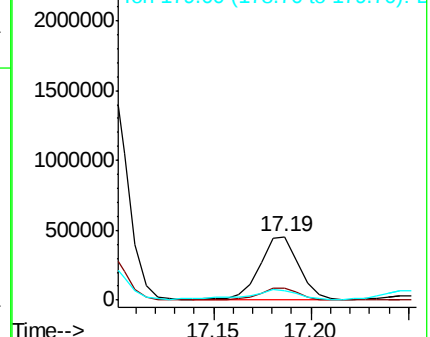


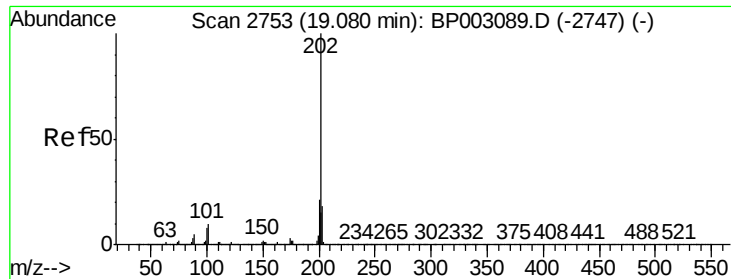
Abundance

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





#75

Fluoranthene

Concen: 9.833 ng

RT: 19.07 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1

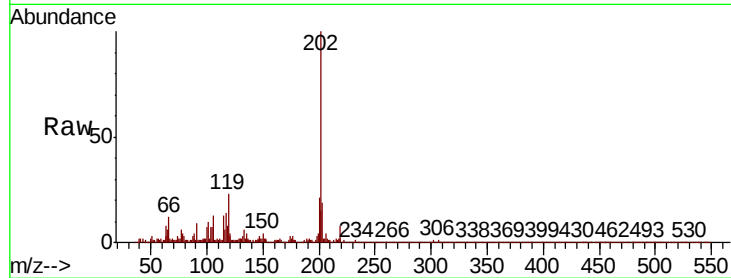
Tot Ion:202 Resp: 784993

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.4

203 18.8 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

19.07

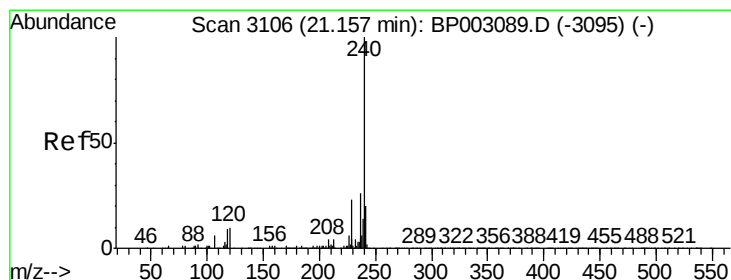
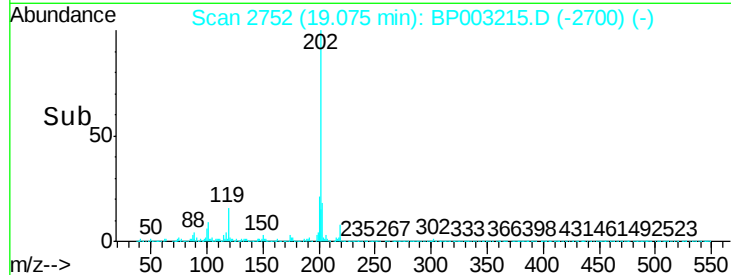
600000

400000

200000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

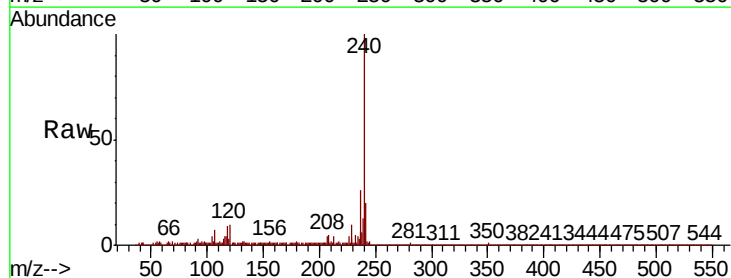
Tgt Ion:240 Resp: 1011415

Ion Ratio Lower Upper

240 100

120 10.1 7.8 11.6

236 26.1 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

21.15

1000000

800000

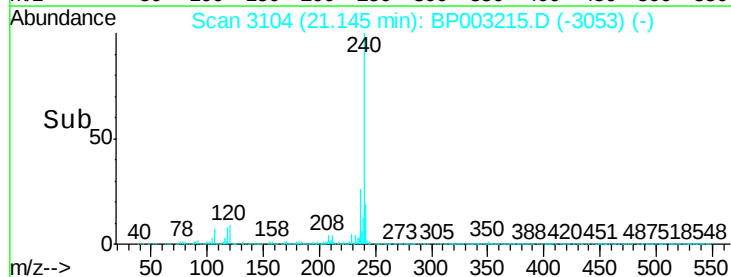
600000

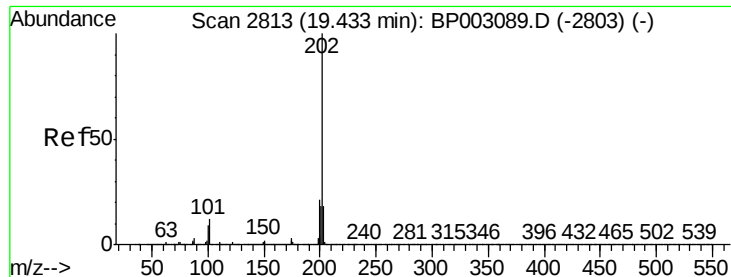
400000

200000

0

Time-->





#78

Pvrene

Concen: 22.601 ng

RT: 19.43 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Instrument :

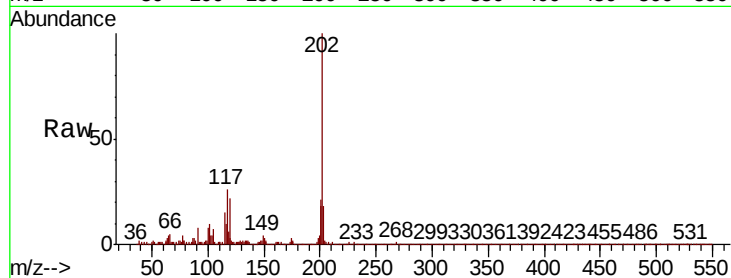
BNA_P

ClientSampleId :

TP-1

Tot Ion:202 Resp: 1483633

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.9	14.2	21.2

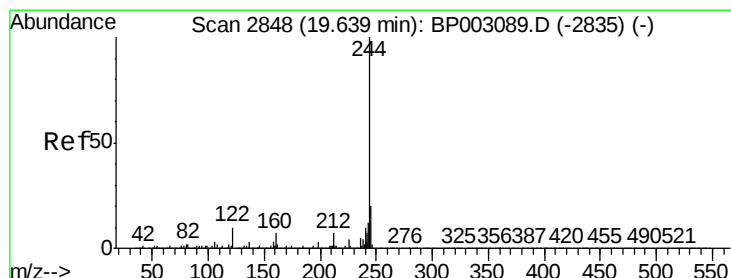
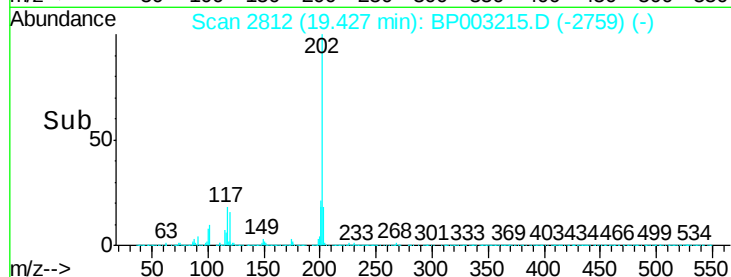
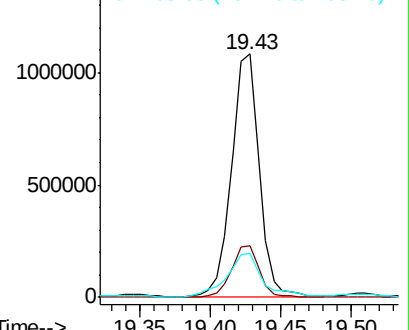


Abundance

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: 2.891 ng

RT: 19.63 min Scan# 2846

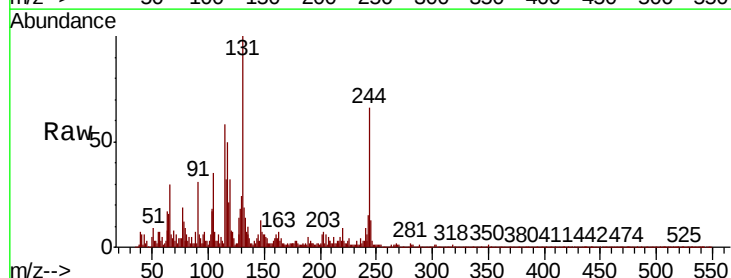
Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Tgt Ion:244 Resp: 132885

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	11.0	7.8	11.8

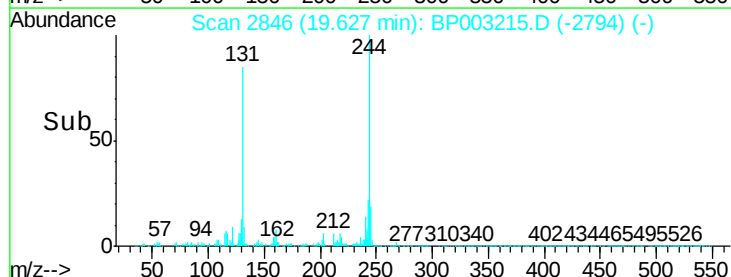
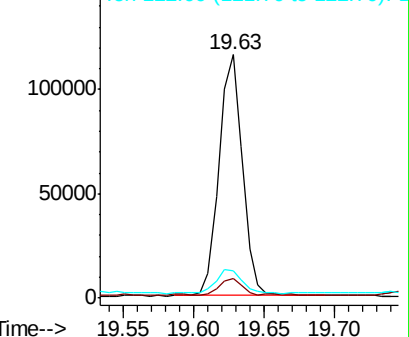


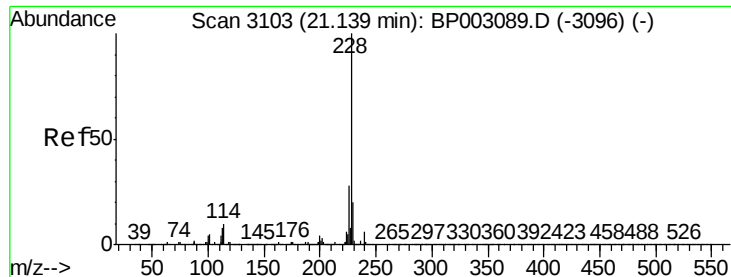
Abundance

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

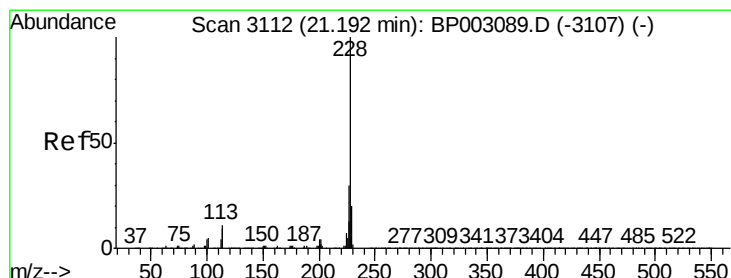
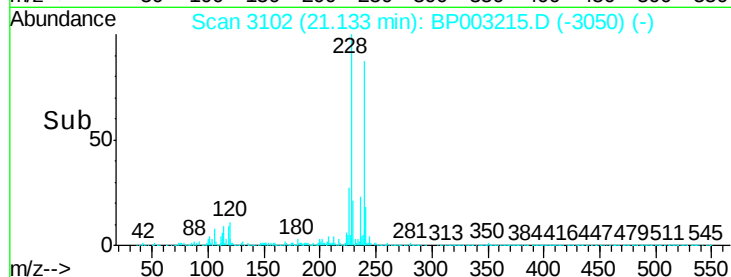
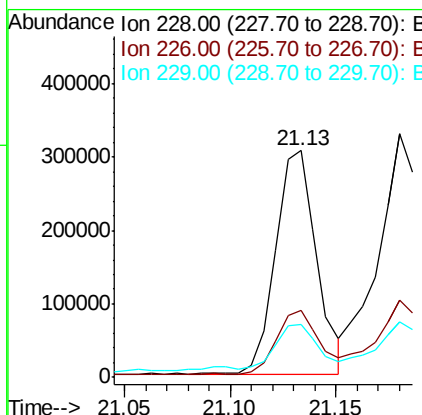
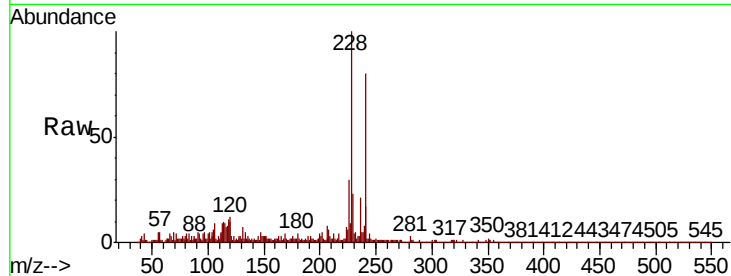




#81
Benzo(a)anthracene
Concen: 6.467 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

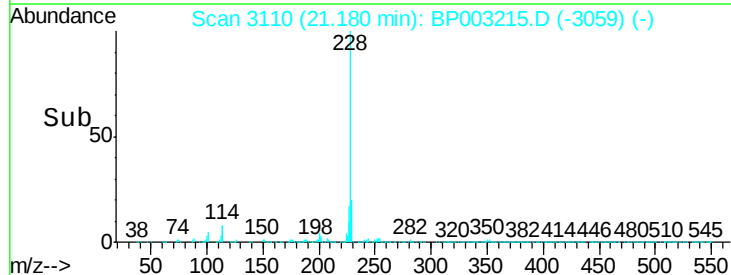
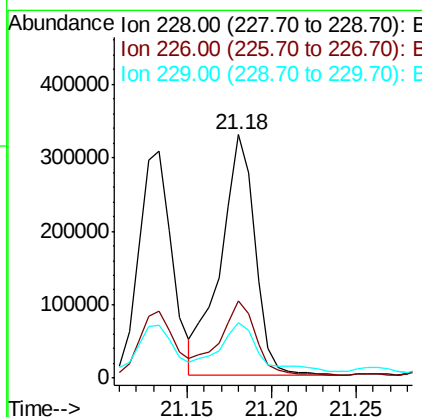
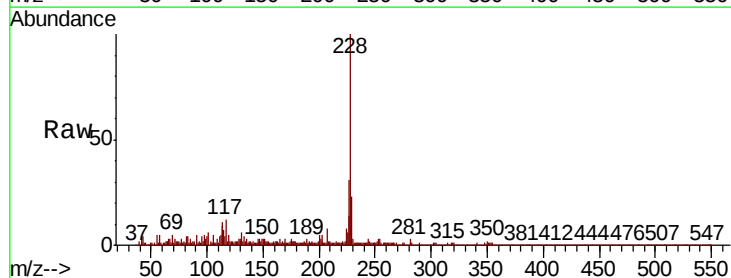
Instrument :
BNA_P
ClientSampleId :
TP-1

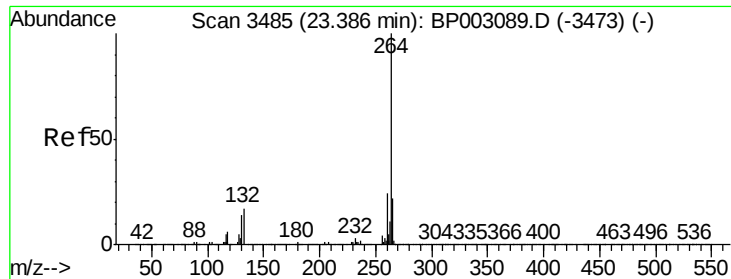
Tot Ion:228 Resp: 409718
Ion Ratio Lower Upper
228 100
226 29.6 22.1 33.1
229 23.2 15.9 23.9



#83
Chrysene
Concen: 7.639 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion:228 Resp: 463381
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 22.8 15.8 23.6

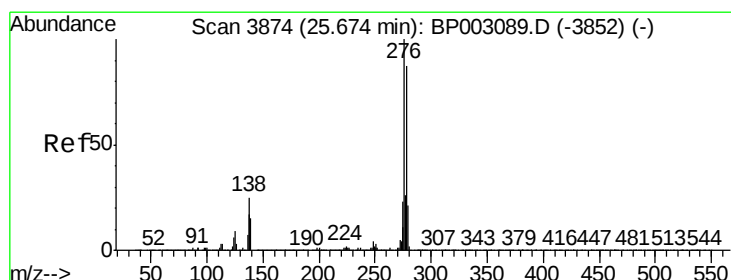
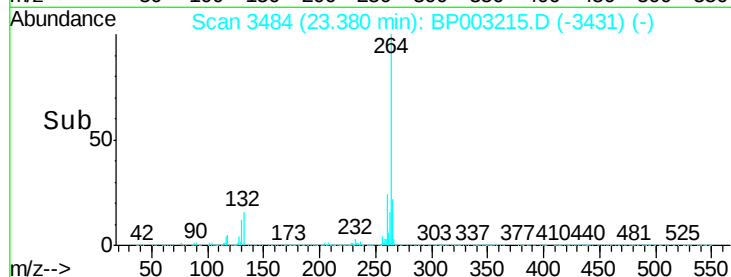
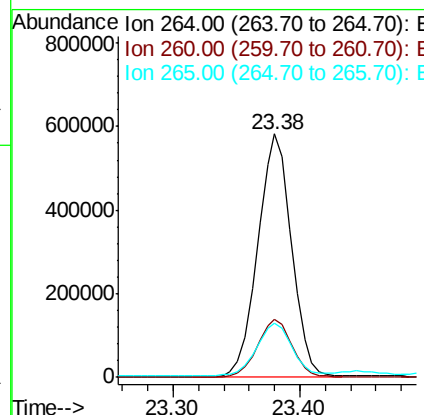
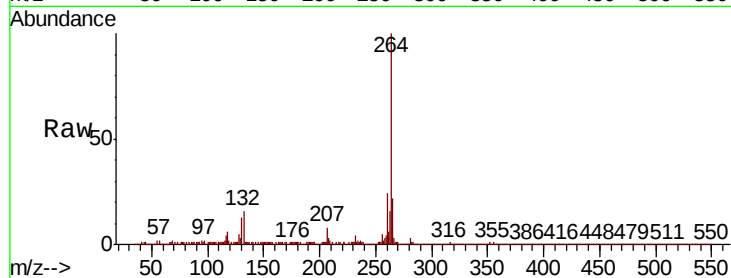




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3484
 Delta R.T. 0.01 min
 Lab File: BP003215.D
 Acq: 04 Sep 2020 17:16

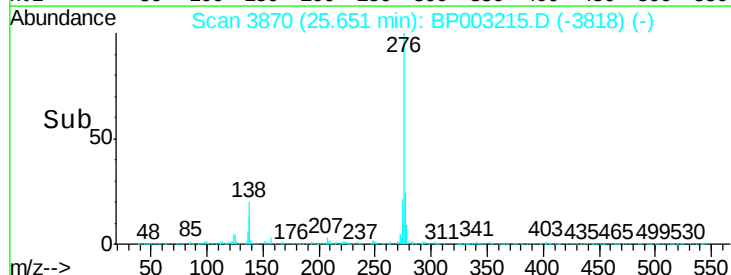
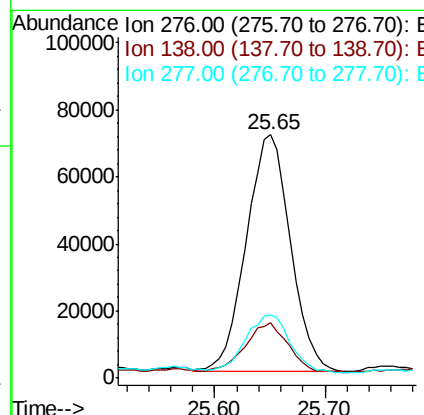
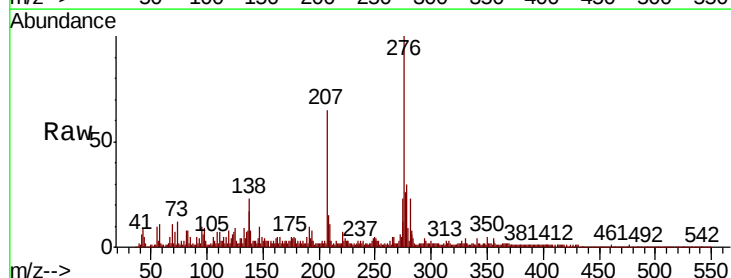
Instrument :
 BNA_P
 ClientSampleId :
 TP-1

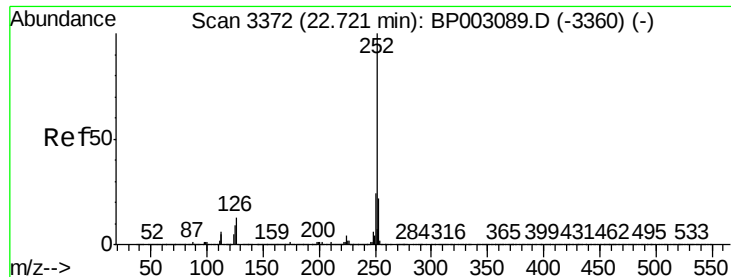
Tot	Ion:264	Resp: 1070420	
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.2	17.4	26.2



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.481 ng
 RT: 25.65 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: BP003215.D
 Acq: 04 Sep 2020 17:16

Tgt	Ion:276	Resp:	198072
Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.7	28.1
277	25.1	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 6.918 ng

RT: 22.71 min Scan# 3370

Delta R.T. 0.01 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1

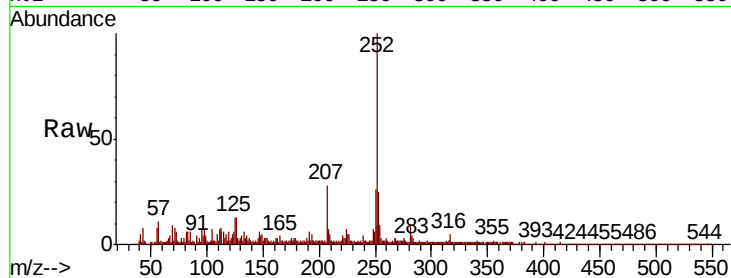
Tot Ion:252 Resp: 460276

Ion Ratio Lower Upper

252 100

253 24.7 17.6 26.4

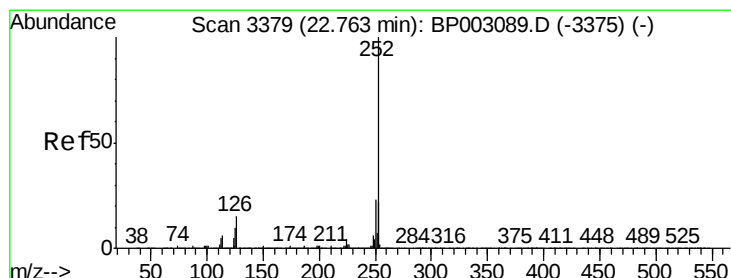
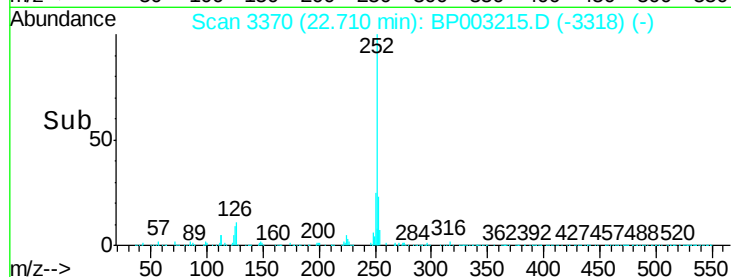
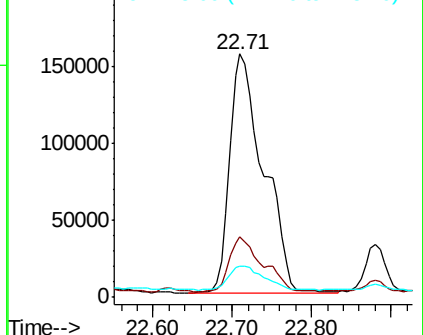
125 12.6 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 7.241 ng

RT: 22.71 min Scan# 3370

Delta R.T. -0.04 min

Lab File: BP003215.D

Acq: 04 Sep 2020 17:16

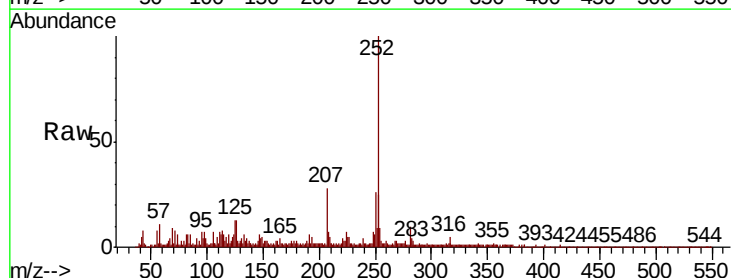
Tgt Ion:252 Resp: 460276

Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.8

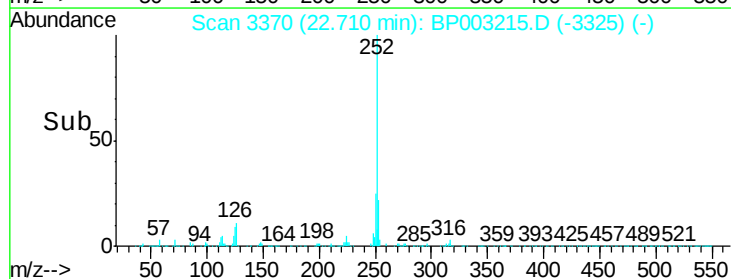
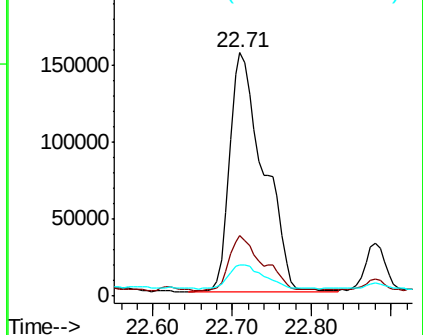
125 12.6 7.4 11.2#

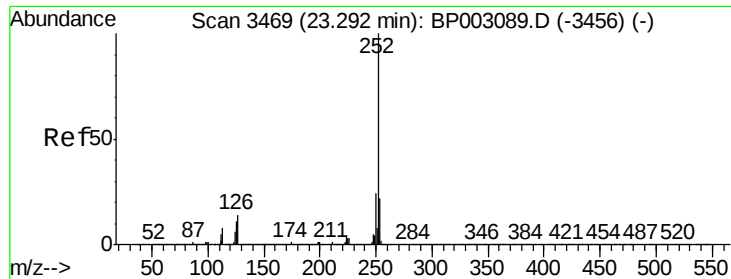


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

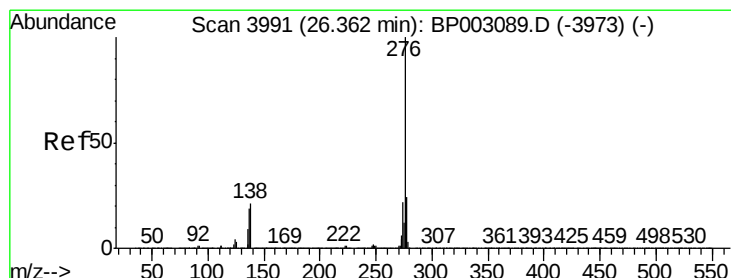
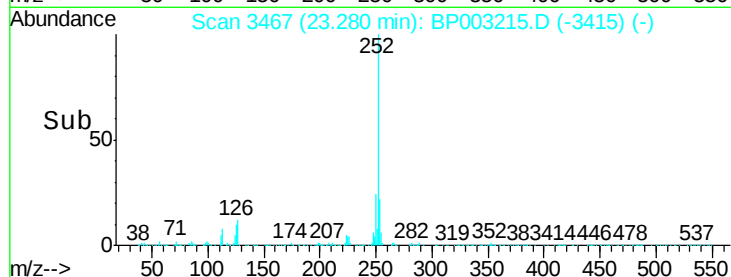
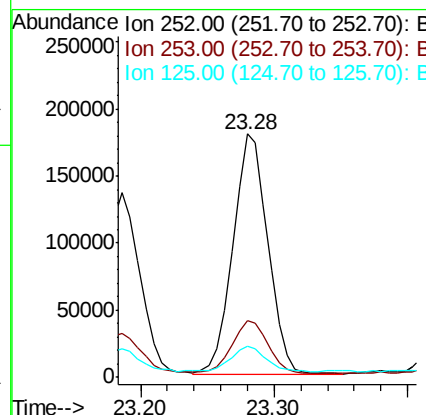
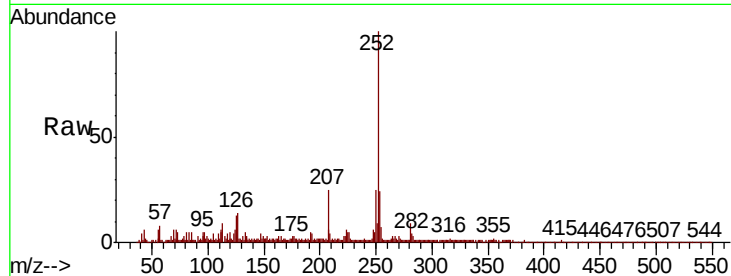




#90
Benzo(a)pyrene
Concen: 5.258 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	12.8	8.2	12.4



#92
Benzo(g,h,i)perylene
Concen: 3.653 ng
RT: 26.34 min Scan# 3988
Delta R.T. 0.01 min
Lab File: BP003215.D
Acq: 04 Sep 2020 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.0	28.6
138	21.8	16.6	24.8

