

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003282.D
 Acq On : 14 Sep 2020 22:55
 Operator : CG/JU
 Sample : L3981-08 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B19-4-6

Quant Time: Sep 15 01:39:12 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	7.64	152	183906	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	734067	20.00	ng	-0.01
39) Acenaphthene-d10	14.29	164	445380	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	841722	20.00	ng	0.00
76) Chrysene-d12	21.14	240	639366	20.00	ng	0.00
86) Perylene-d12	23.38	264	808444	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	147703	14.20	ng	0.00
7) Phenol-d6	6.84	99	186707	14.32	ng	0.00
23) Nitrobenzene-d5	8.79	82	111665	10.97	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	79632	13.22	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	356799	11.73	ng	-0.01
79) Terphenyl-d14	19.62	244	380595	13.10	ng	0.00

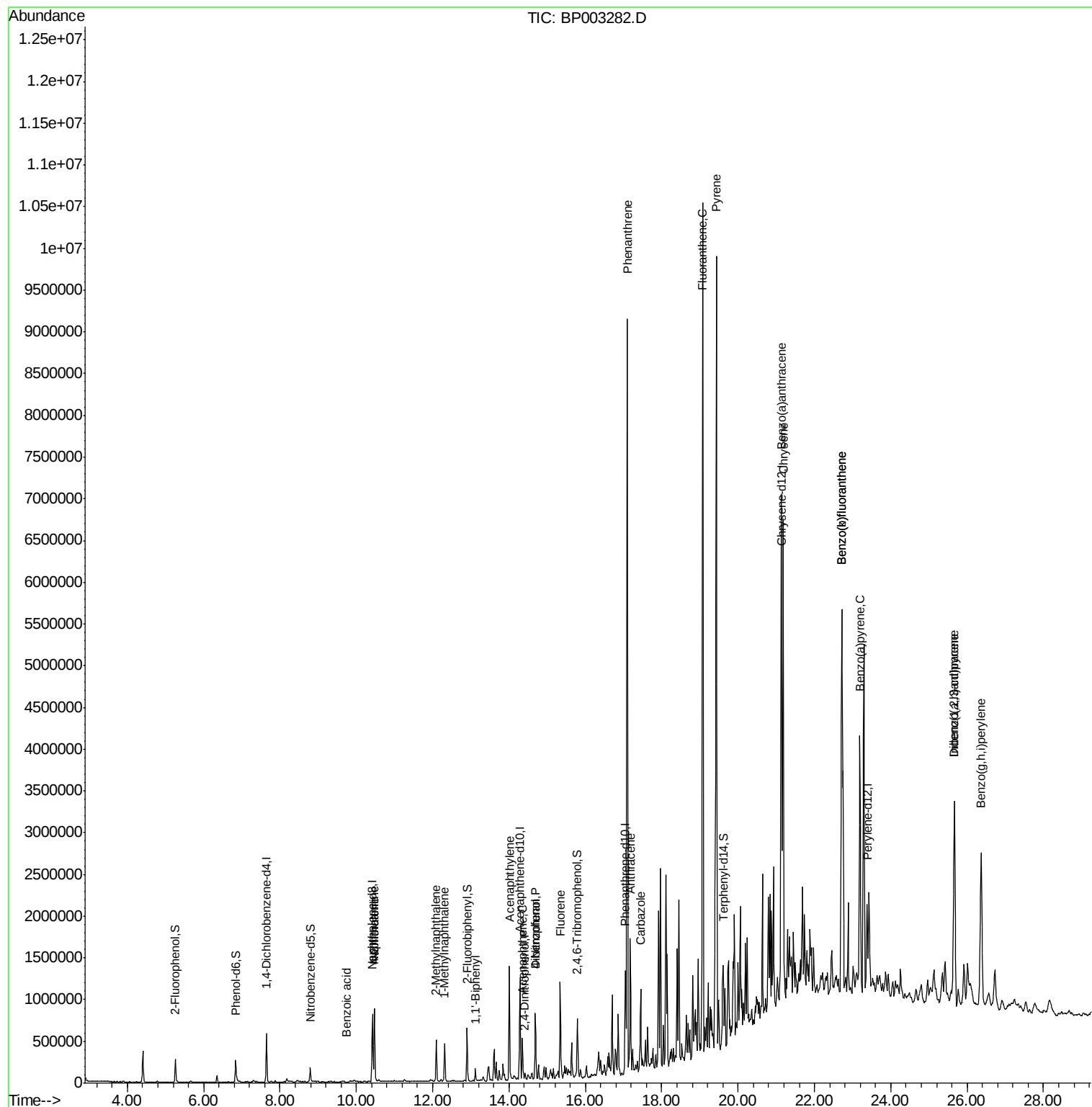
Target Compounds				Qvalue		
31) Naphthalene	10.47	128	816397	21.647	ng	99
32) Benzoic acid	9.76	122	367	9.040	ng	# 46
33) 4-Chloroaniline	10.47	127	108104	6.860	ng	# 34
37) 2-Methylnaphthalene	12.09	142	257978	9.562	ng	98
38) 1-Methylnaphthalene	12.31	142	235730	9.193	ng	100
46) 1,1'-Biphenyl	13.12	154	78356	2.345	ng	99
49) Acenaphthylene	14.00	152	1135882	27.470	ng	99
52) Acenaphthene	14.35	154	181053	7.127	ng	98
54) 2,4-Dinitrophenol	14.40	184	60	7.769	ng	# 1
55) Dibenzofuran	14.69	168	484259	12.138	ng	96
56) 4-Nitrophenol	14.69	139	184483	32.063	ng	# 20
58) Fluorene	15.34	166	533548	17.361	ng	99
71) Phenanthrene	17.10	178	6630168	145.368	ng	97
72) Anthracene	17.17	178	1058147	24.241	ng	100
73) Carbazole	17.45	167	662677	15.818	ng	99
75) Fluoranthene	19.07	202	7142648	135.497	ng	95
78) Pyrene	19.43	202	6770482	163.157	ng	97
81) Benzo(a)anthracene	21.13	228	3212025	80.202	ng	96
83) Chrysene	21.18	228	3393732	88.504	ng	97
87) Indeno(1,2,3-cd)pyrene	25.67	276	2476849	41.083	ng	# 94
88) Benzo(b)fluoranthene	22.72	252	4563309	90.817	ng	97
89) Benzo(k)fluoranthene	22.72	252	4563309	95.052	ng	98
90) Benzo(a)pyrene	23.19	252	2367633	50.790	ng	97
91) Dibenzo(a,h)anthracene	25.67	278	666704	13.462	ng	94
92) Benzo(g,h,i)perylene	26.37	276	2513049	50.562	ng	96

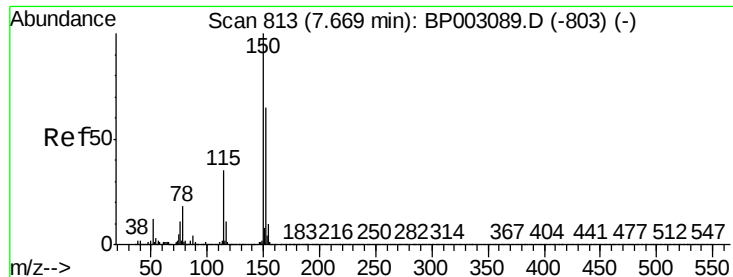
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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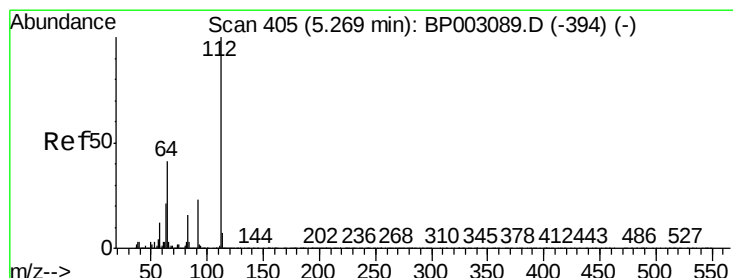
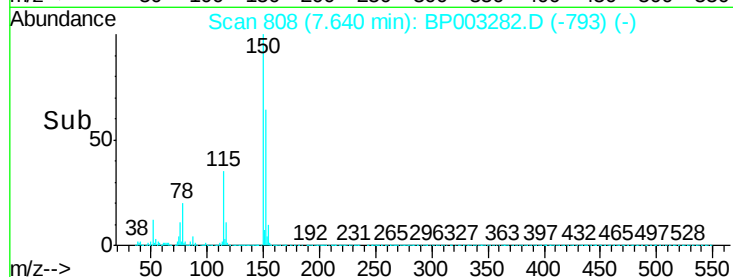
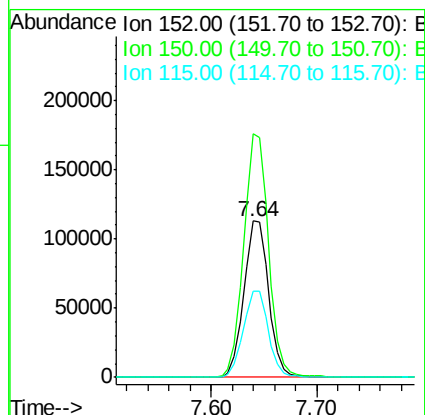
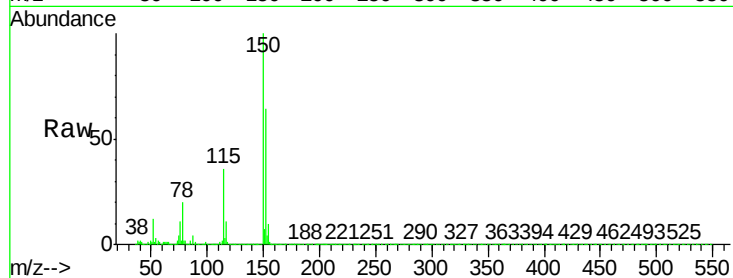


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

Instrument :
BNA_P
ClientSampleId :
B19-4-6

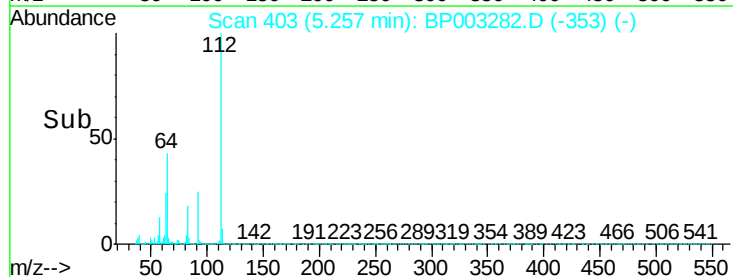
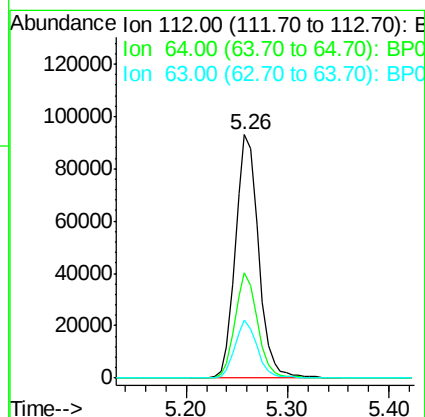
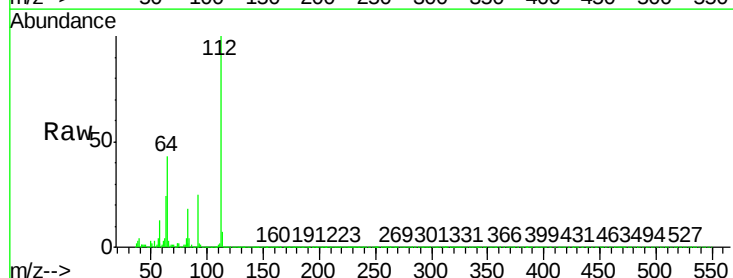
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.6
115	55.4	43.8	65.6

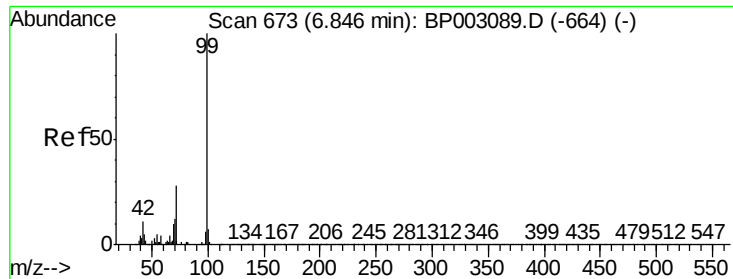


#5

2-Fluorophenol
Concen: 14.200 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.4	32.8	49.2
63	23.7	17.0	25.4





#7

Phenol-d6

Concen: 14.319 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

BNA_P

ClientSampleId :

B19-4-6

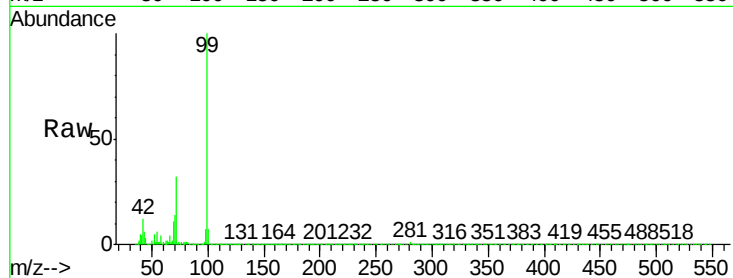
Tot Ion: 99 Resp: 186707

Ion Ratio Lower Upper

99 100

42 12.2 8.6 13.0

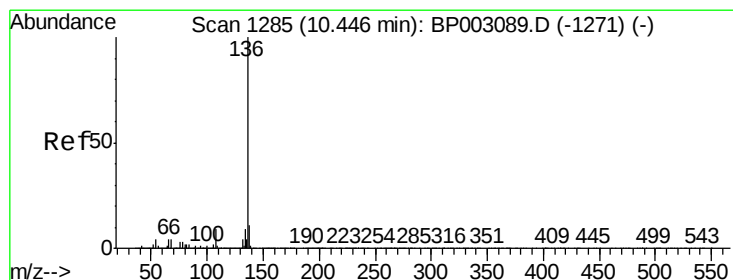
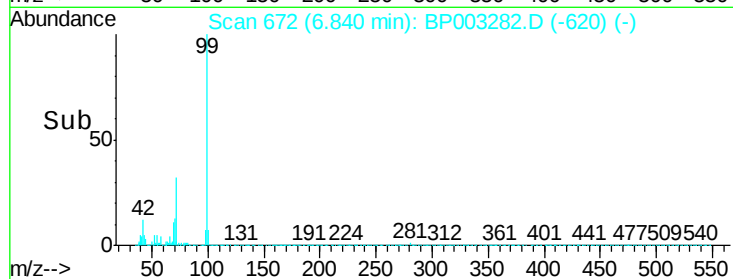
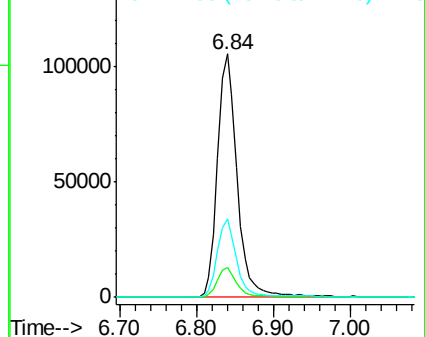
71 32.4 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Tgt Ion: 136 Resp: 734067

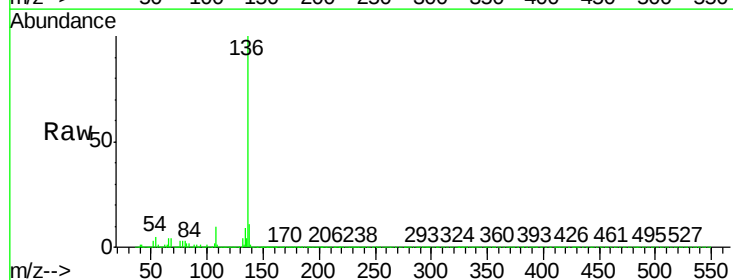
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 4.6 3.6 5.4

68 3.9 3.3 4.9

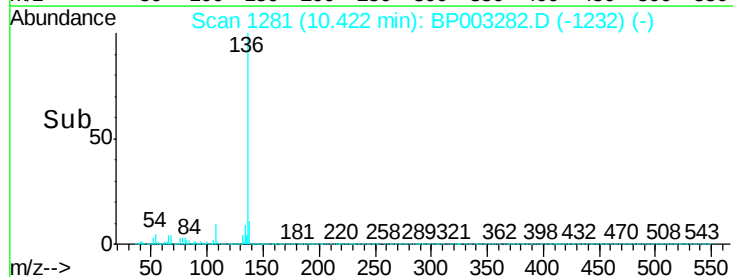
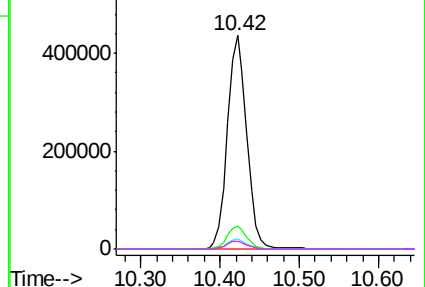


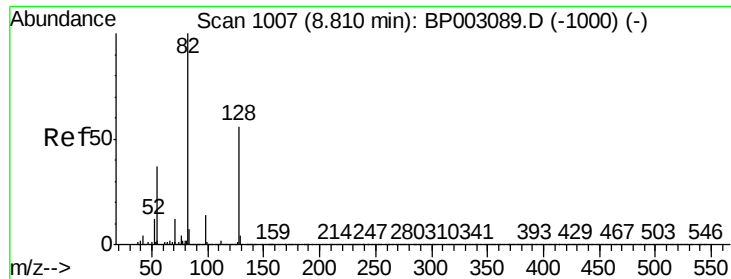
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

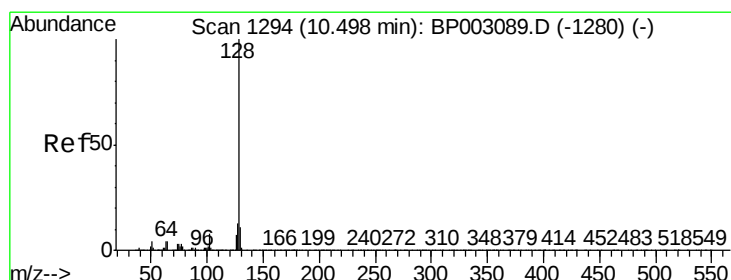
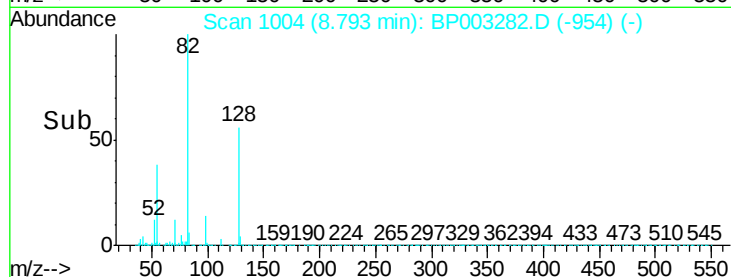
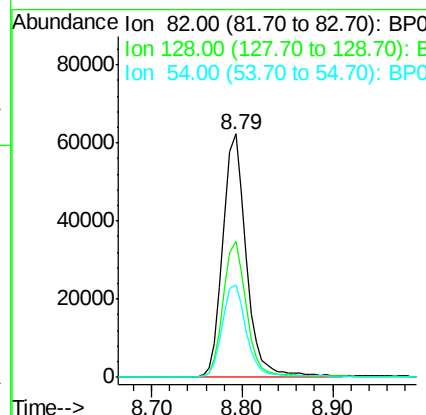
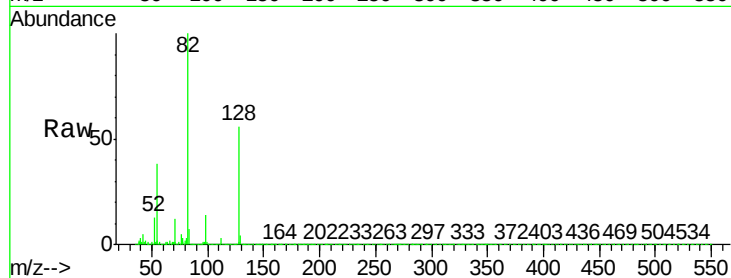




#23
Nitrobenzene-d5
Concen: 10.966 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

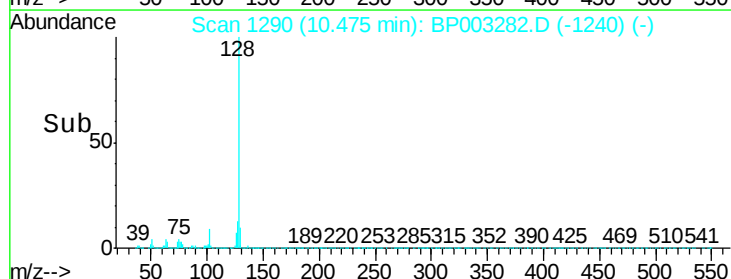
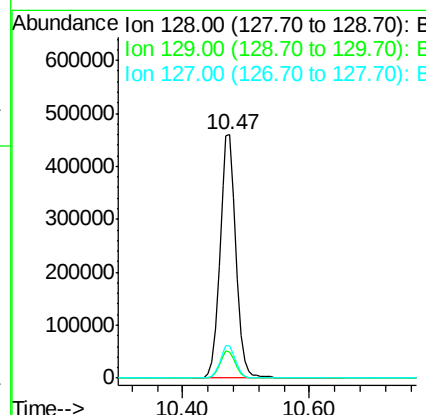
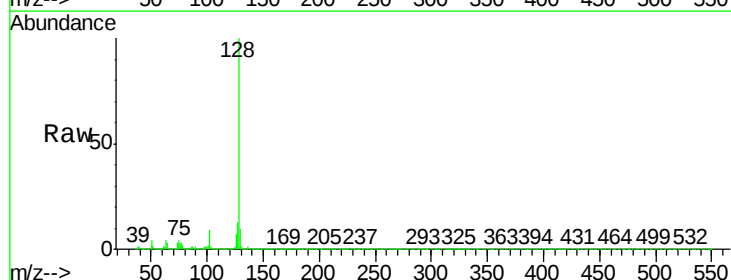
Instrument :
BNA_P
ClientSampleId :
B19-4-6

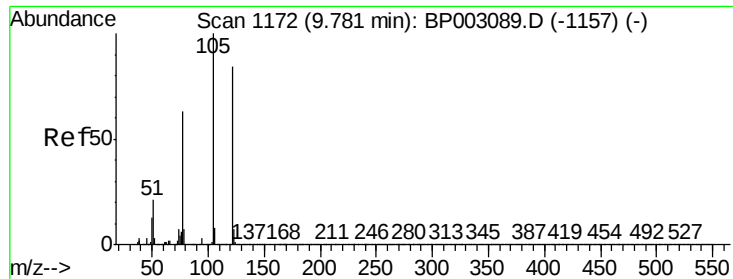
Tot Ion	82	Resp	111665
Ion Ratio	Lower	Upper	
82	100		
128	55.8	45.6	68.4
54	38.0	30.1	45.1



#31
Naphthalene
Concen: 21.647 ng
RT: 10.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

Tgt Ion	128	Resp	816397
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.8	13.2
127	13.1	10.6	15.8

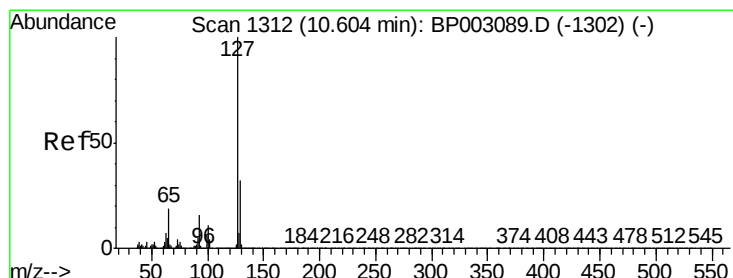
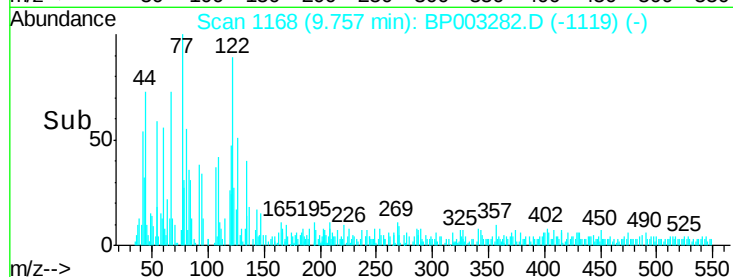
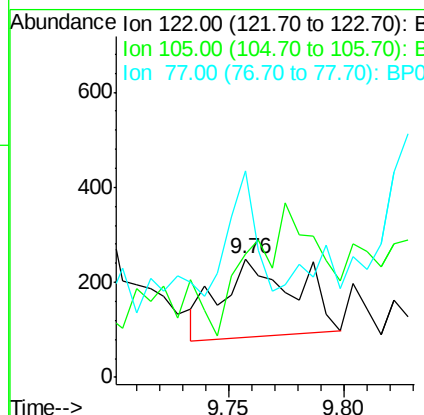
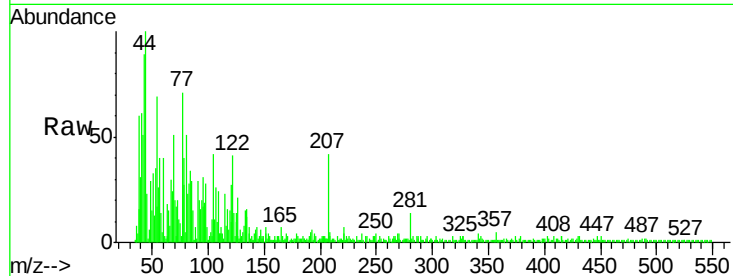




#32
Benzoic acid
Concen: 9.040 ng
RT: 9.76 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

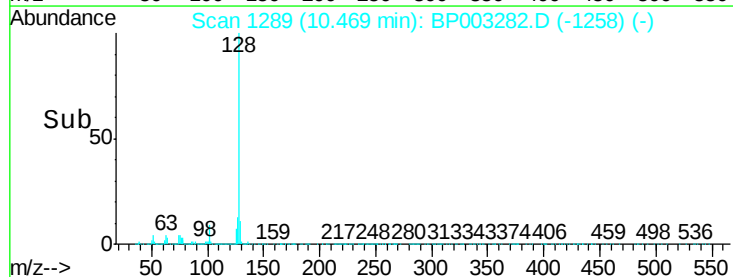
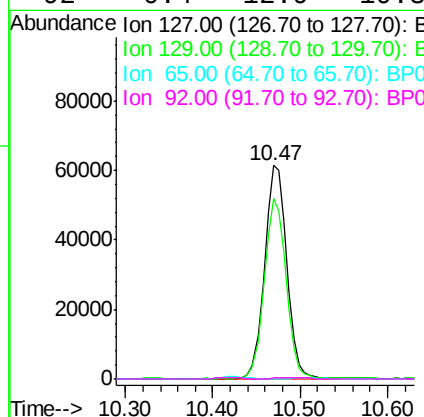
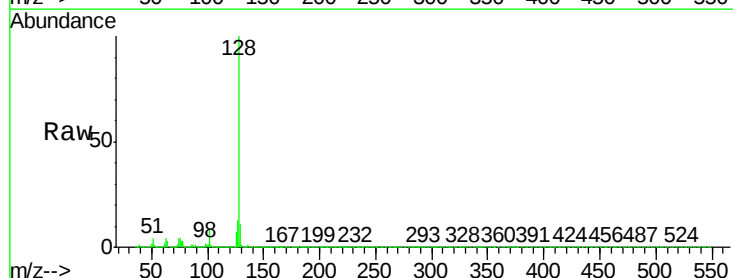
Instrument :
BNA_P
ClientSampleId :
B19-4-6

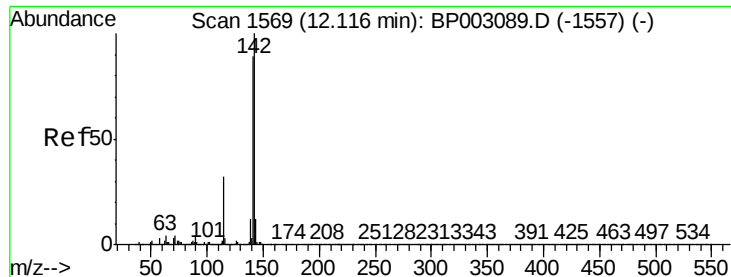
Tot Ion:122 Resp: 367
Ion Ratio Lower Upper
122 100
105 104.0 94.1 134.1
77 173.6 50.1 90.1#



#33
4-Chloroaniline
Concen: 6.860 ng
RT: 10.47 min Scan# 1289
Delta R.T. -0.12 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

Tgt Ion:127 Resp: 108104
Ion Ratio Lower Upper
127 100
129 84.6 25.7 38.5#
65 0.0 17.3 25.9#
92 0.4 12.9 19.3#

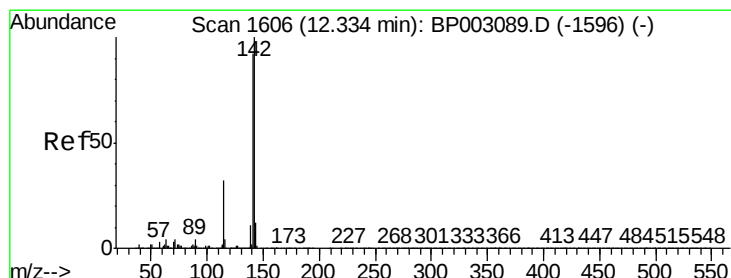
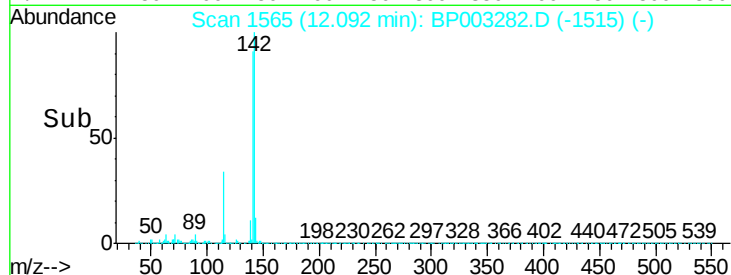
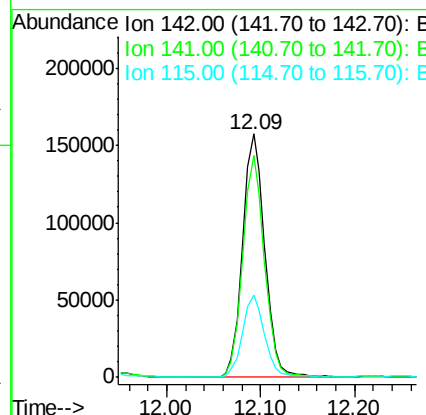
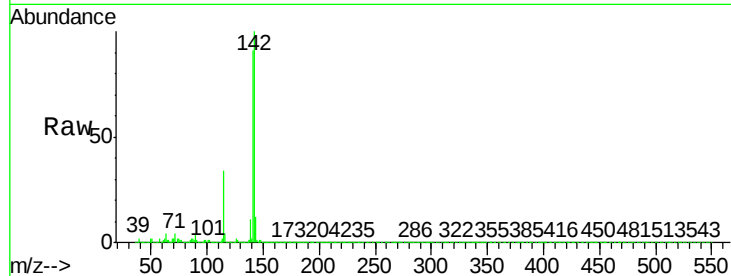




#37
 2-Methylnaphthalene
 Concen: 9.562 ng
 RT: 12.09 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BP003282.D
 Acq: 14 Sep 2020 22:55

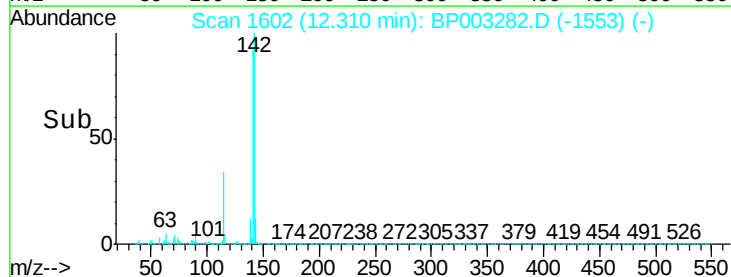
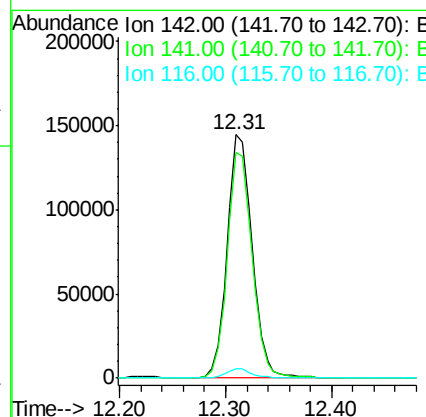
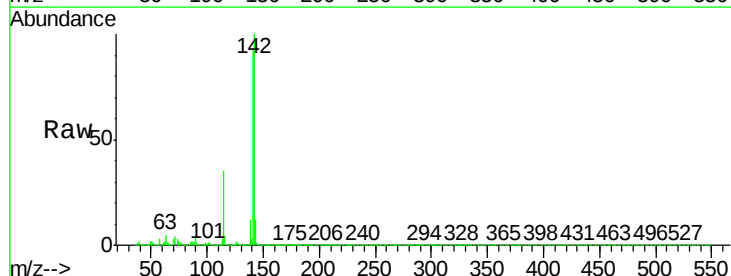
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 BNA_P
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 B19-4-6

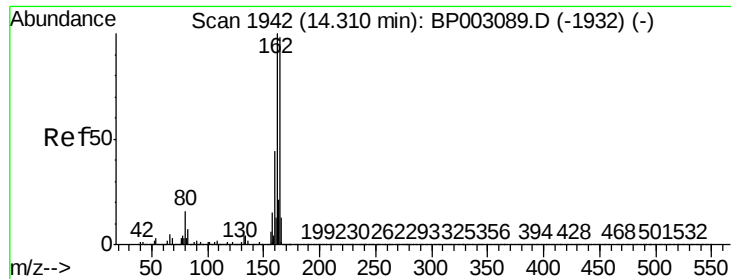
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.4	107.2
115	34.0	25.8	38.6



#38
 1-Methylnaphthalene
 Concen: 9.193 ng
 RT: 12.31 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BP003282.D
 Acq: 14 Sep 2020 22:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.4	111.6
116	3.8	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

BNA_P

ClientSampleId :

B19-4-6

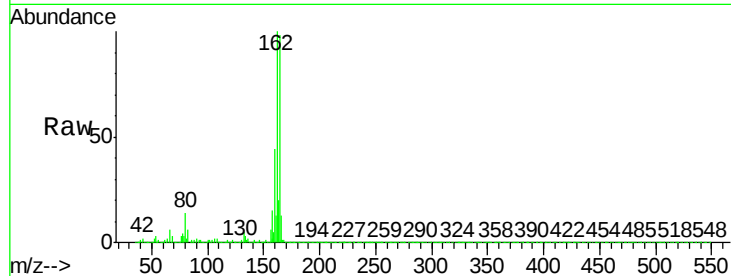
Tot Ion:164 Resp: 445380

Ion Ratio Lower Upper

164 100

162 102.5 79.4 119.2

160 44.8 36.1 54.1



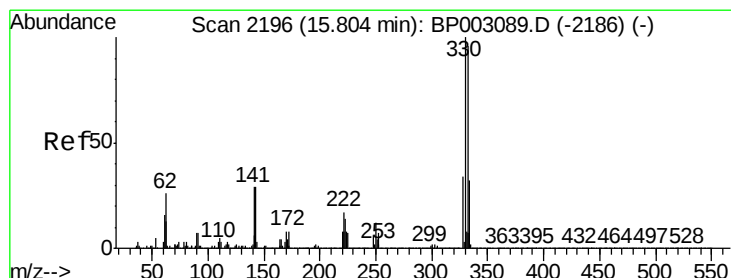
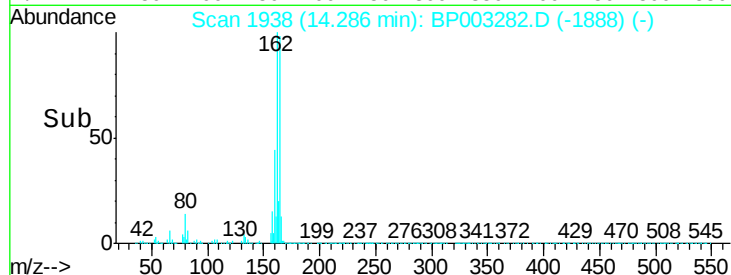
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.29

Time-->



#42

2,4,6-Tribromophenol

Concen: 13.220 ng

RT: 15.79 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

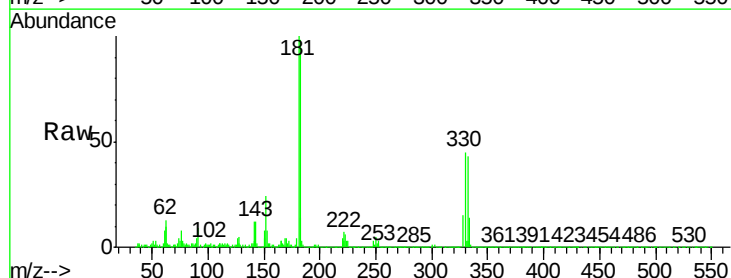
Tgt Ion:330 Resp: 79632

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 28.6 23.4 35.2



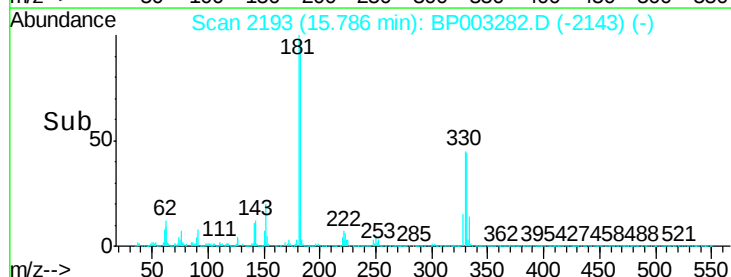
Abundance Ion 329.80 (329.50 to 330.50): E

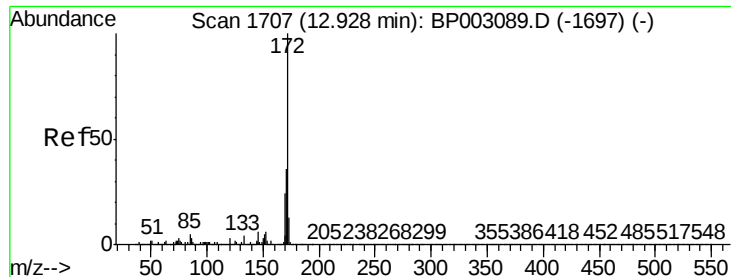
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.79

Time-->

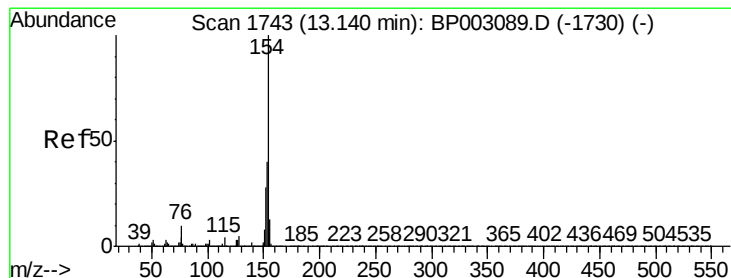
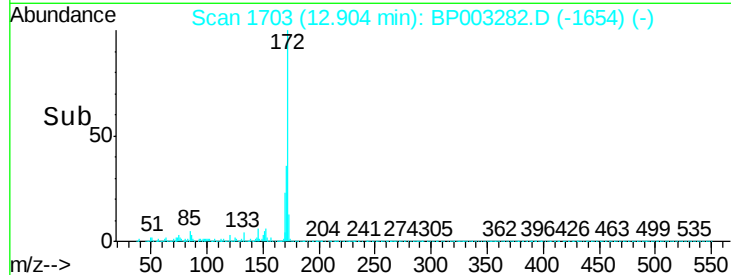
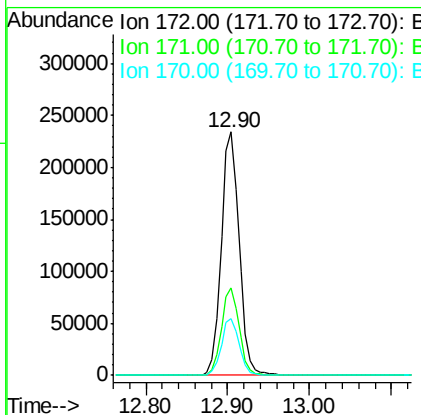
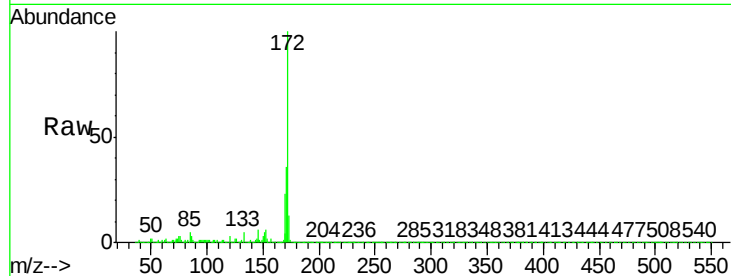




#45
 2-Fluorobiphenyl
 Concen: 11.732 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BP003282.D
 Acq: 14 Sep 2020 22:55

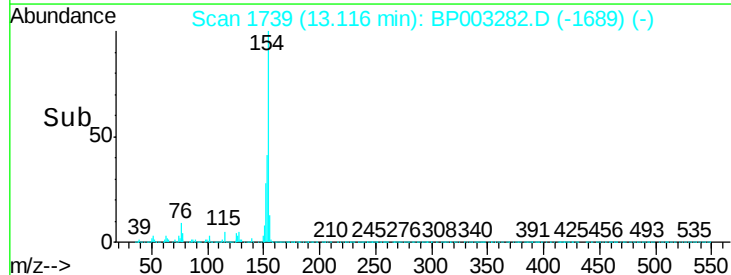
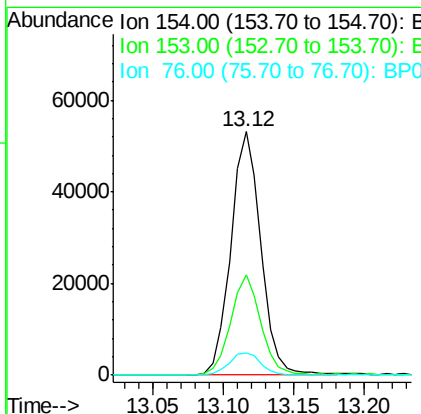
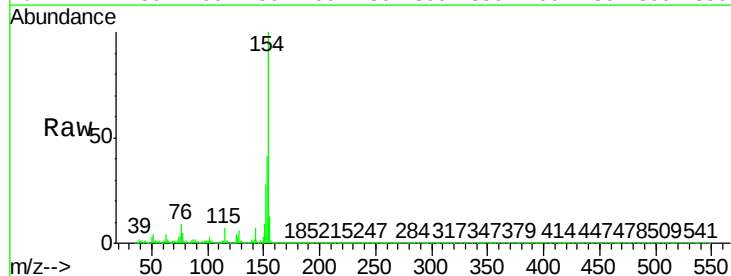
Instrument :
 BNA_P
 ClientSampleId :
 B19-4-6

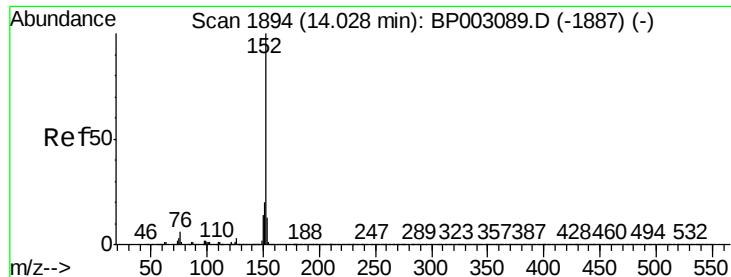
Tot Ion:172 Resp: 356799
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.3 19.2 28.8



#46
 1,1'-Biphenyl
 Concen: 2.345 ng
 RT: 13.12 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BP003282.D
 Acq: 14 Sep 2020 22:55

Tgt Ion:154 Resp: 78356
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.4 60.4
 76 9.3 0.0 29.3





#49

Acenaphthylene

Concen: 27.470 ng

RT: 14.00 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

BNA_P

ClientSampleId :

B19-4-6

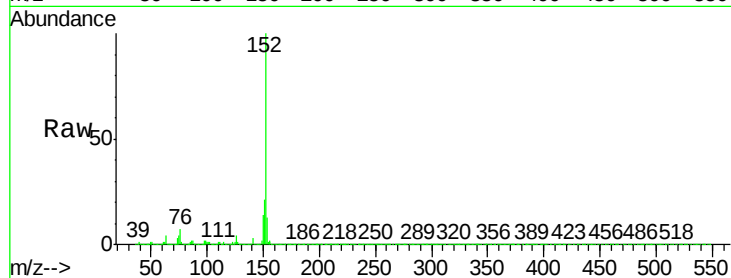
Tot Ion:152 Resp: 1135882

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	13.3	10.5	15.7

152 100

151 20.6 15.9 23.9

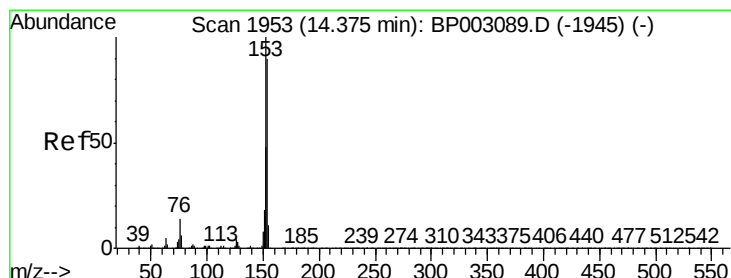
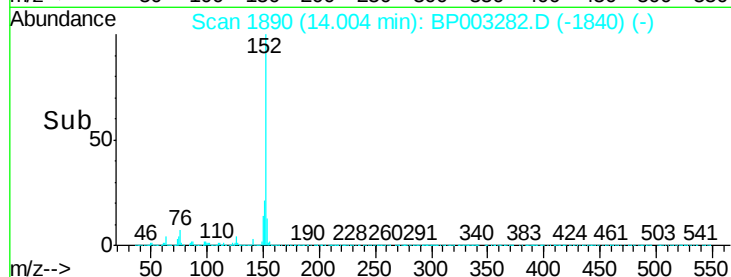
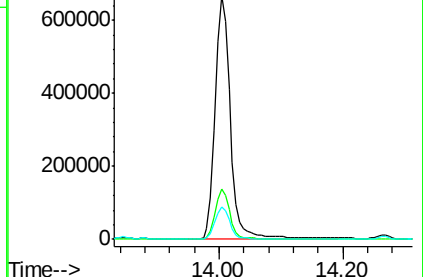
153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#52

Acenaphthene

Concen: 7.127 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

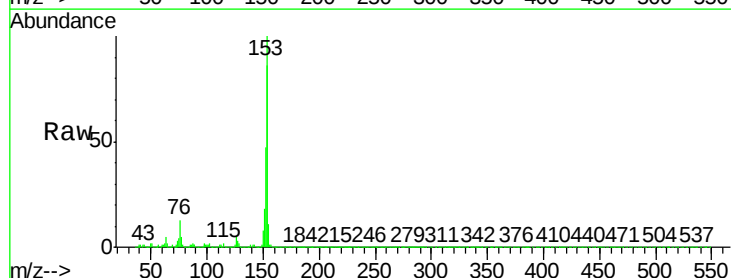
Tgt Ion:154 Resp: 181053

Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.0	136.6
152	54.3	43.0	64.6

154 100

153 116.0 91.0 136.6

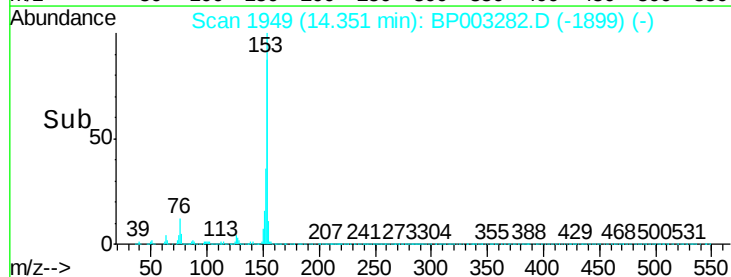
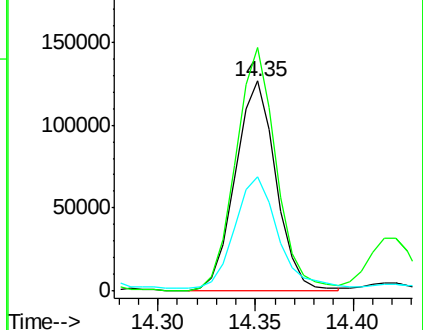
152 54.3 43.0 64.6

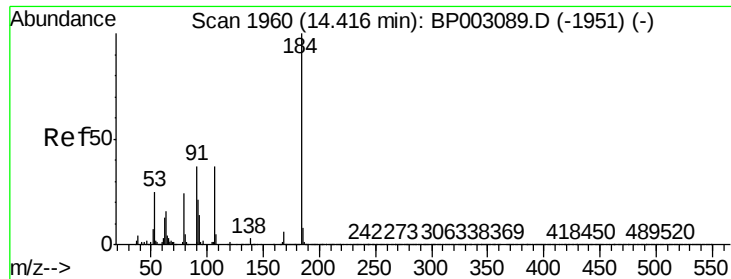


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

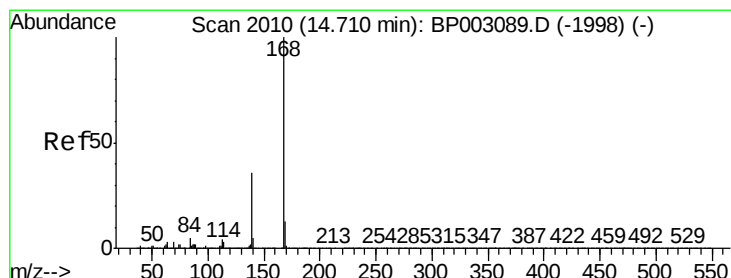
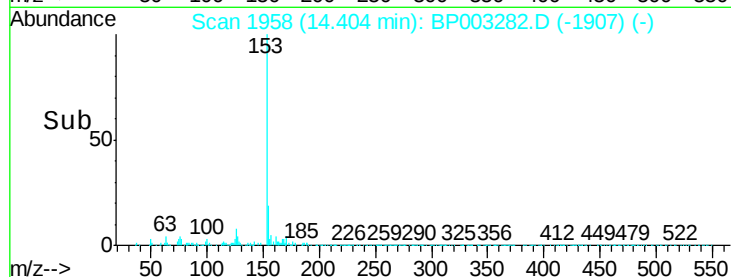
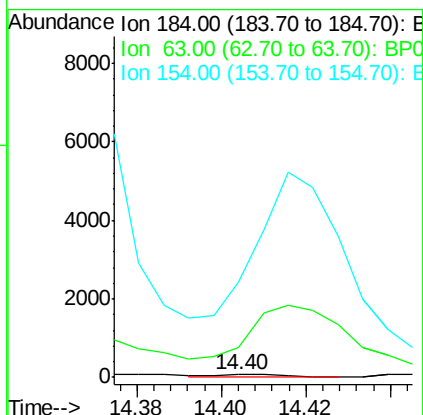
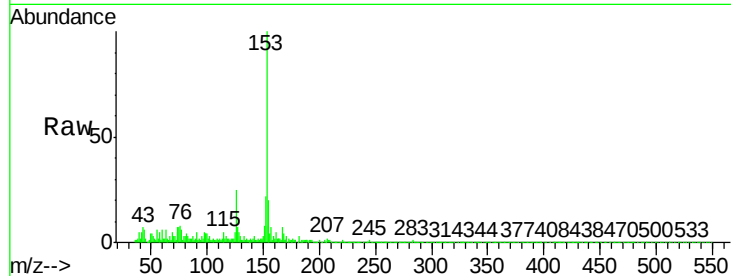




#54
2,4-Dinitrophenol
Concen: 7.769 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

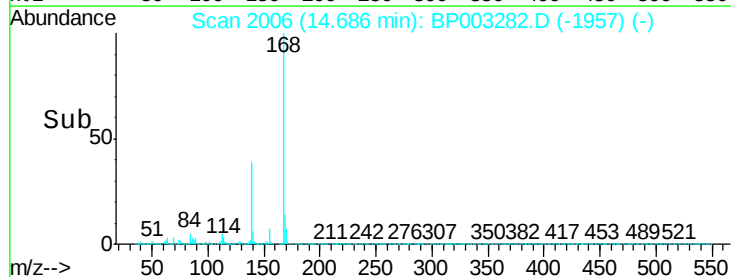
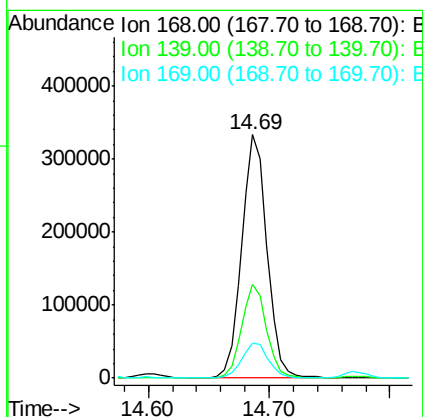
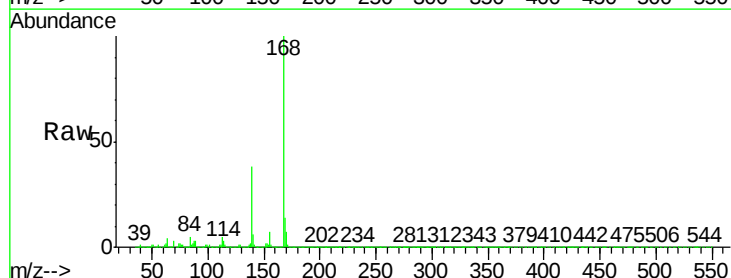
Instrument :
BNA_P
ClientSampleId :
B19-4-6

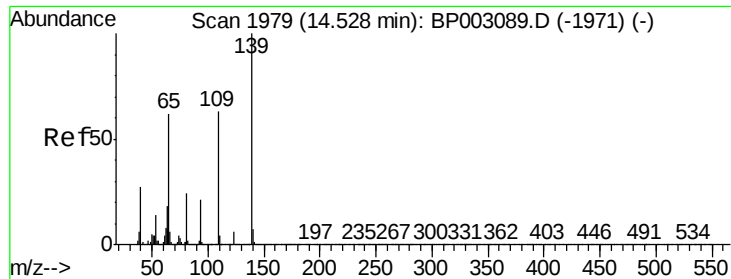
Tot Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 1052.8 32.3 48.5#
154 3354.2 49.1 73.7#



#55
Dibenzofuran
Concen: 12.138 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

Tgt Ion:168 Resp: 484259
Ion Ratio Lower Upper
168 100
139 38.5 29.1 43.7
169 14.4 10.4 15.6

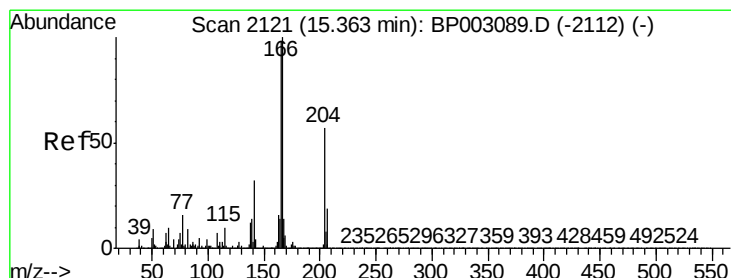
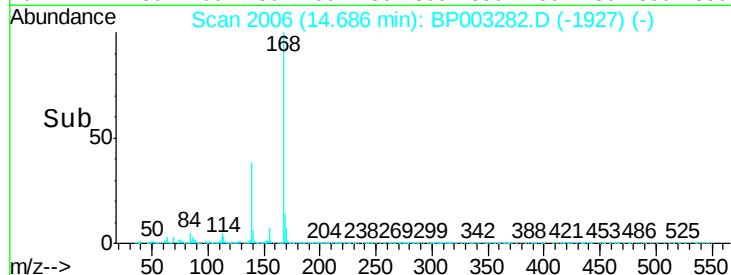
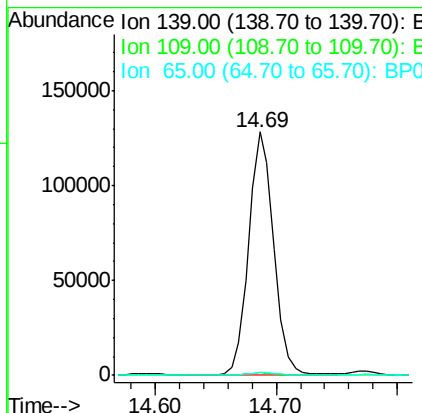
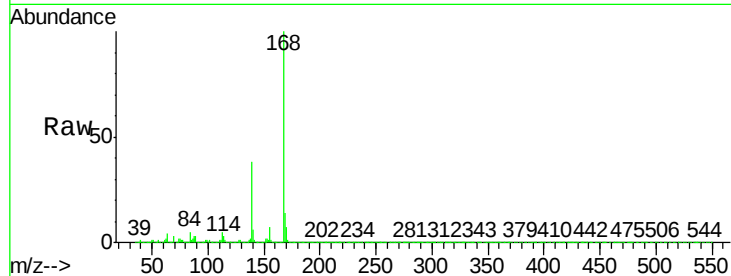




#56
4-Nitrophenol
Concen: 32.063 ng
RT: 14.69 min Scan# 2006
Delta R.T. 0.16 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

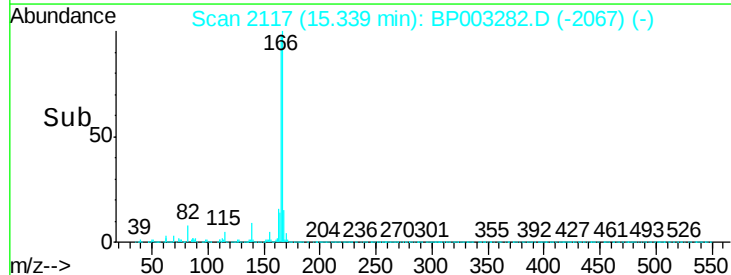
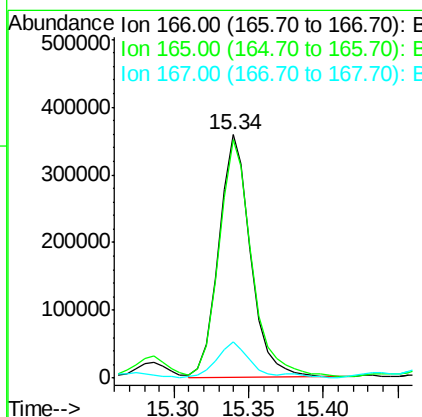
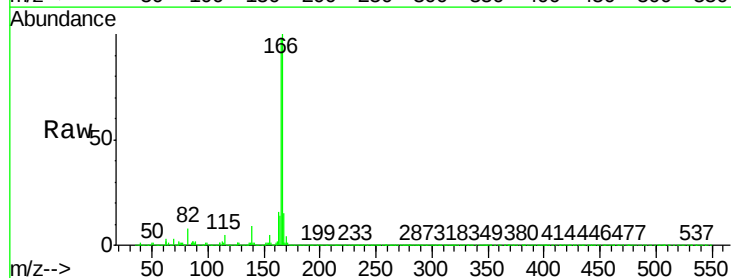
Instrument :
BNA_P
ClientSampleId :
B19-4-6

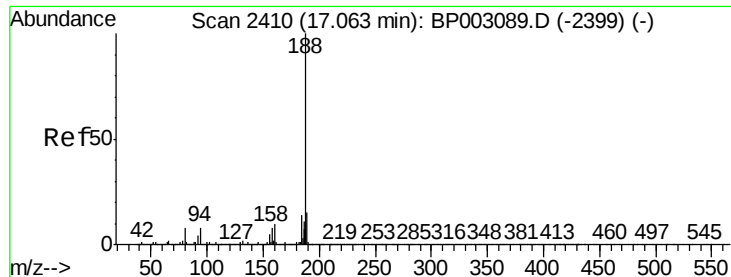
Tot Ion	Ratio	Lower	Upper
139	100		
109	1.0	44.6	84.6#
65	1.1	41.6	81.6#



#58
Fluorene
Concen: 17.361 ng
RT: 15.34 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.8
167	14.9	11.0	16.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

BNA_P

ClientSampleId :

B19-4-6

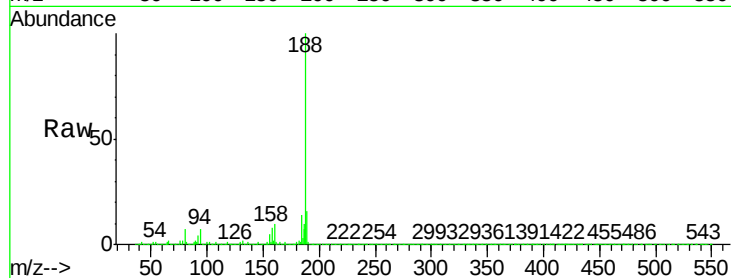
Tot Ion:188 Resp: 841722

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.2

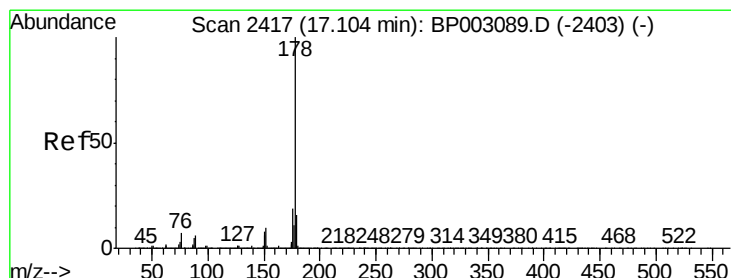
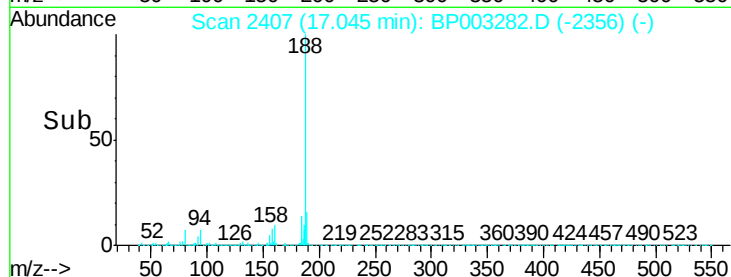
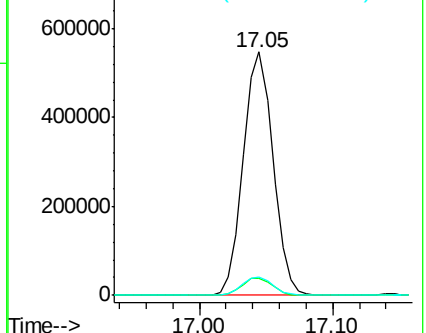
80 7.4 6.2 9.2



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



#71

Phenanthrene

Concen: 145.368 ng

RT: 17.10 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

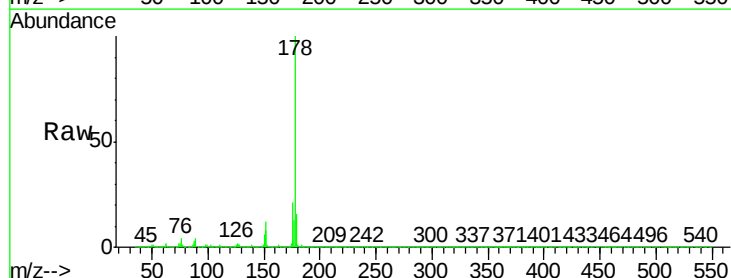
Tgt Ion:178 Resp: 6630168

Ion Ratio Lower Upper

178 100

176 20.7 15.3 22.9

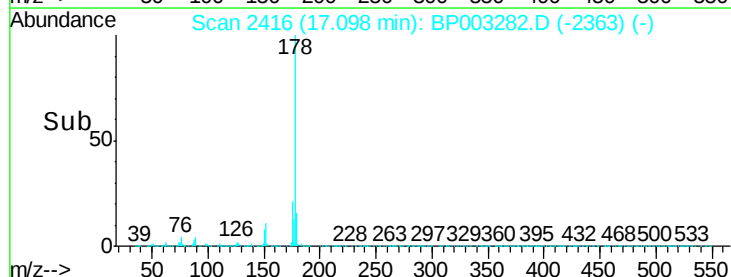
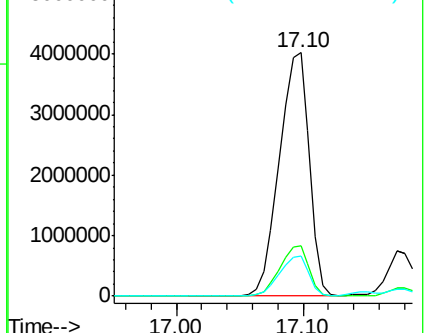
179 16.4 12.5 18.7

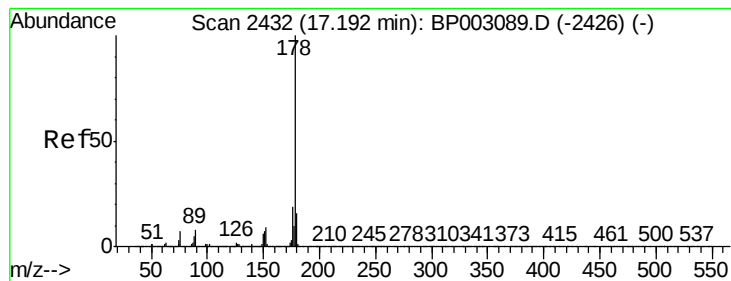


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 24.241 ng

RT: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

BNA_P

ClientSampleId :

B19-4-6

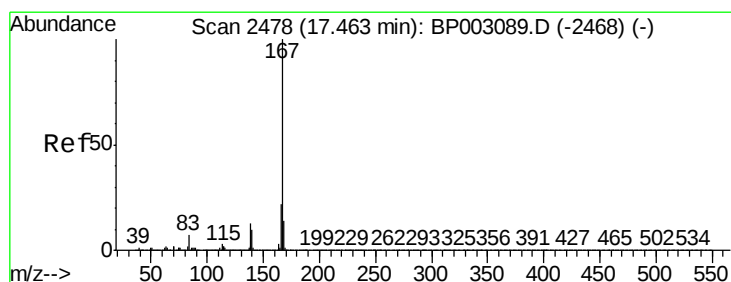
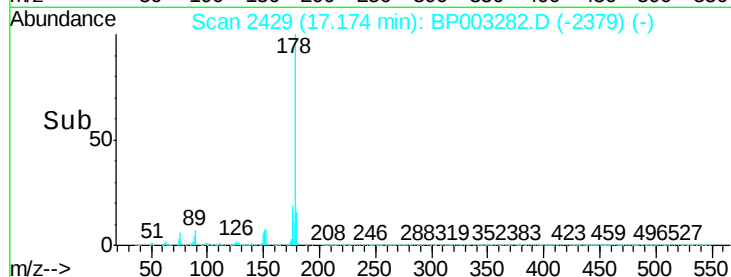
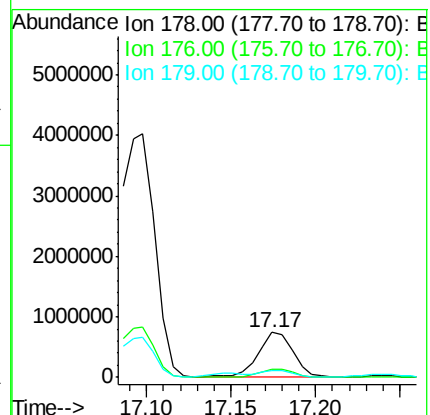
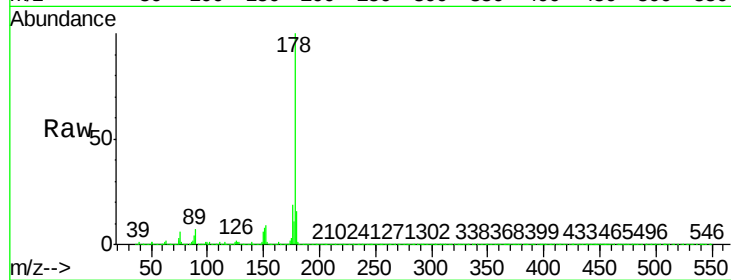
Tot Ion:178 Resp: 1058147

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.8	12.5	18.7

178 100

176 18.9 15.0 22.4

179 15.8 12.5 18.7



#73

Carbazole

Concen: 15.818 ng

RT: 17.45 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

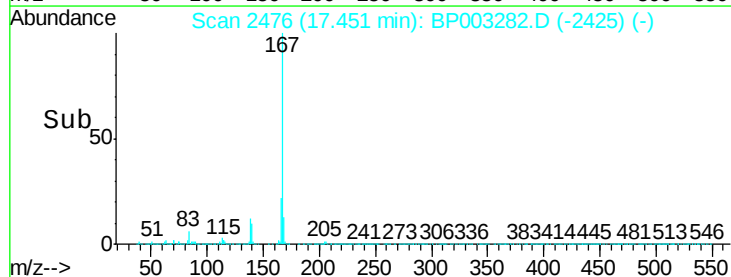
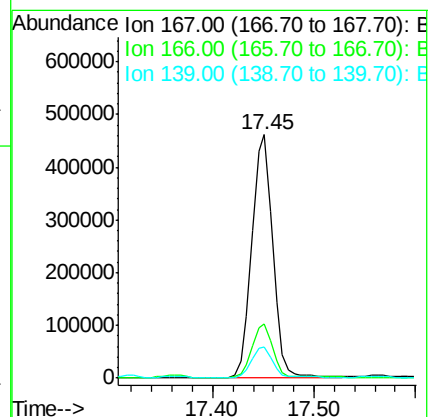
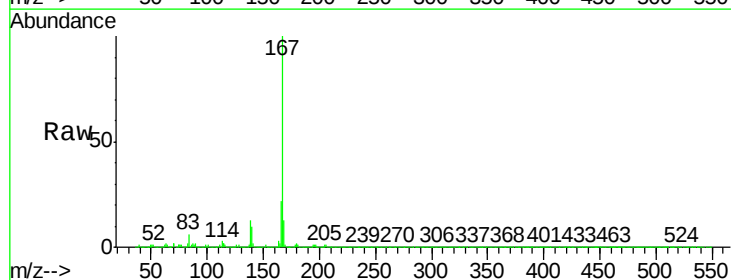
Tgt Ion:167 Resp: 662677

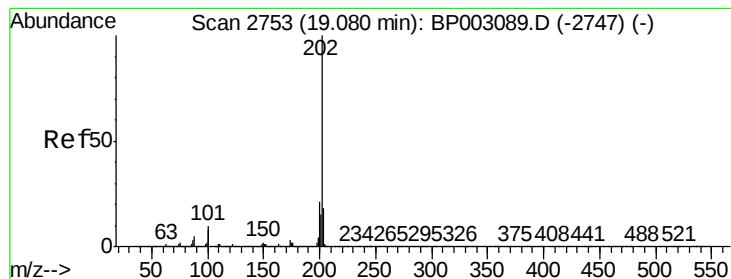
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.7	10.2	15.4

167 100

166 22.5 17.6 26.4

139 12.7 10.2 15.4





#75

Fluoranthene

Concen: 135.497 ng

RT: 19.07 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

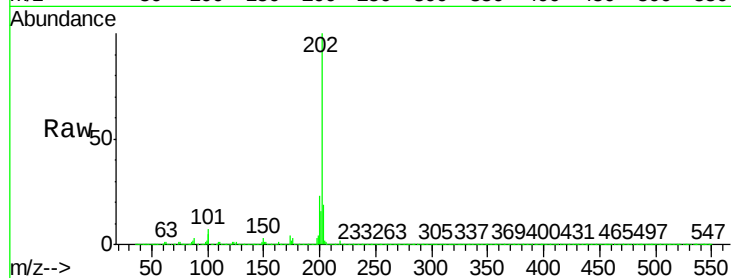
BNA_P

ClientSampleId :

B19-4-6

Tot Ion:202 Resp: 7142648

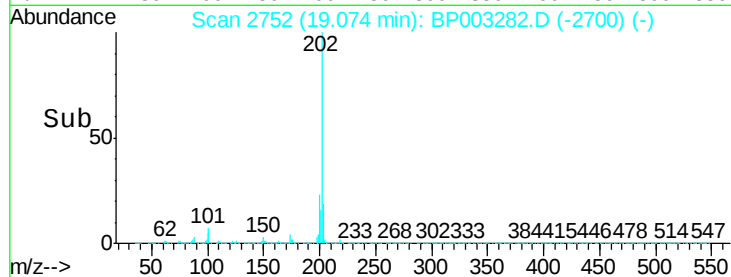
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	29.4
203	19.3	0.0	37.8



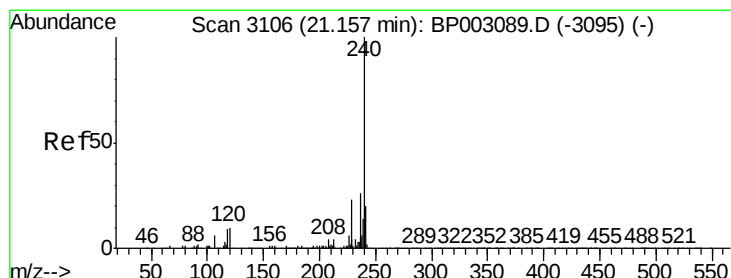
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3104

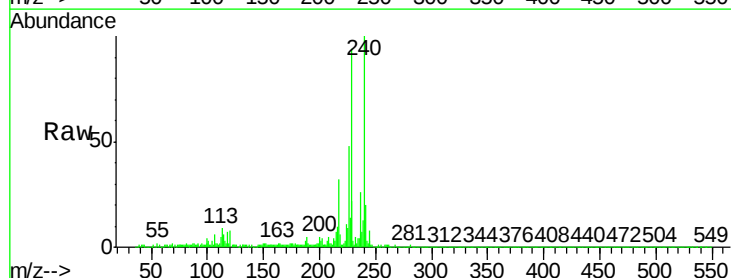
Delta R.T. -0.00 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Tgt Ion:240 Resp: 639366

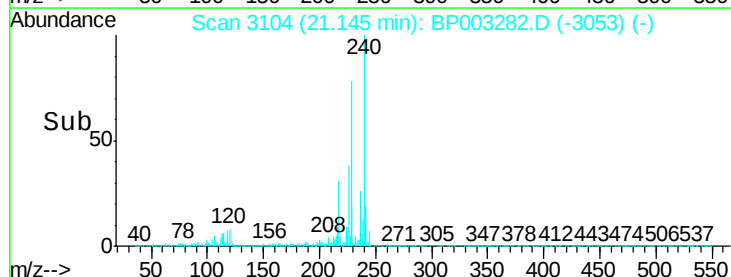
Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.8	11.6
236	26.0	20.8	31.2



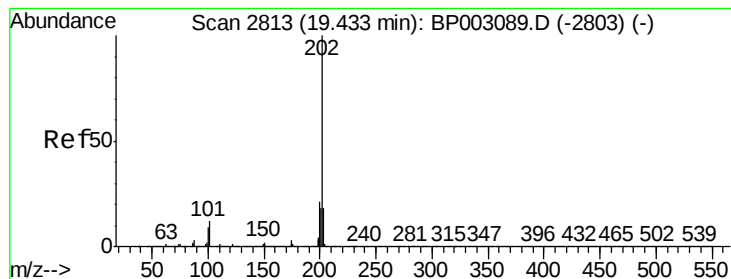
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Pvrene

Concen: 163.157 ng

RT: 19.43 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

BNA_P

ClientSampleId :

B19-4-6

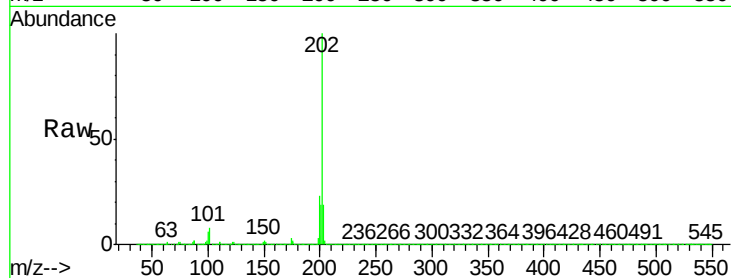
Tot Ion:202 Resp: 6770482

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.1	25.7
203	19.0	14.2	21.2

202 100

200 22.8 17.1 25.7

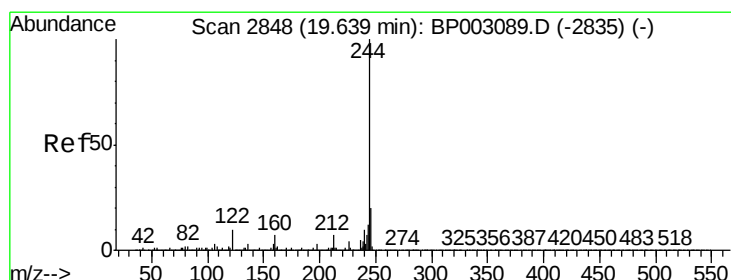
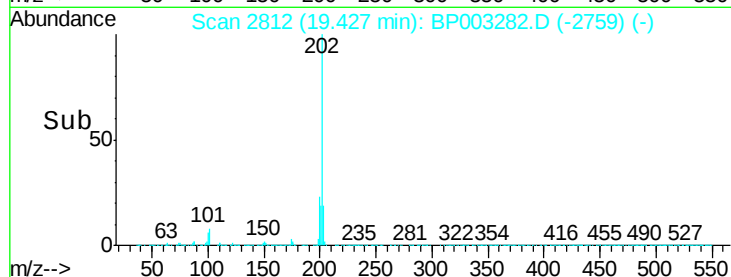
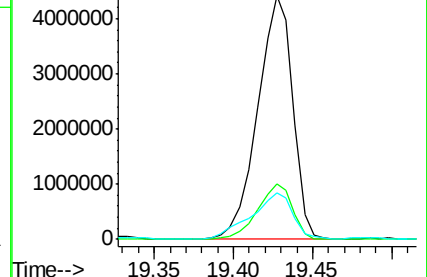
203 19.0 14.2 21.2



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: 13.098 ng

RT: 19.62 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

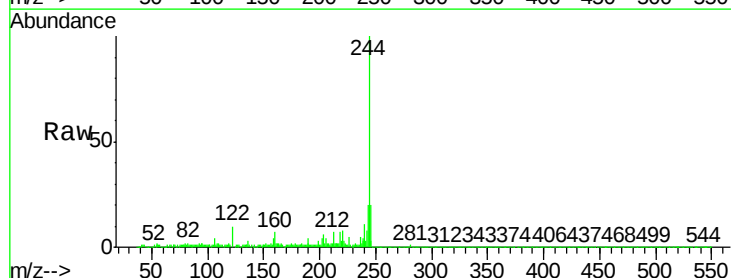
Tgt Ion:244 Resp: 380595

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.6	7.8	11.8

244 100

212 7.4 5.8 8.6

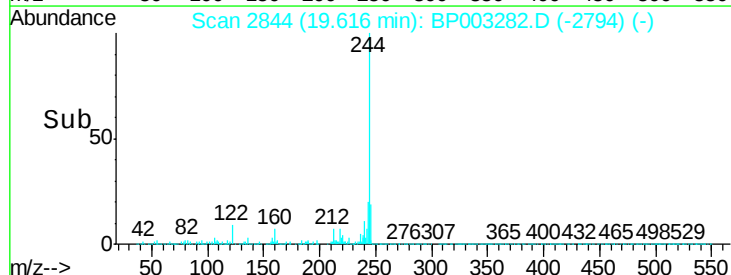
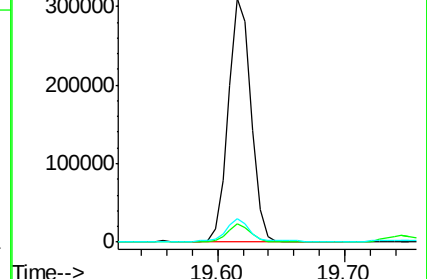
122 9.6 7.8 11.8

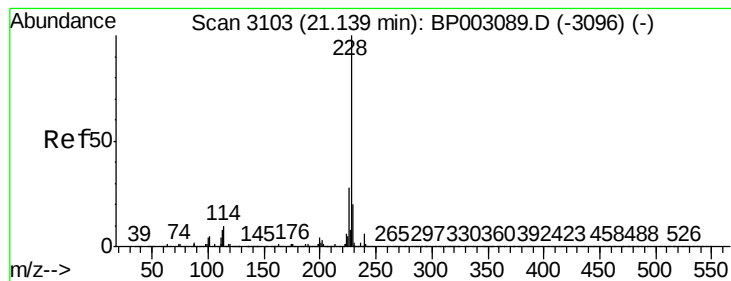


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 80.202 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

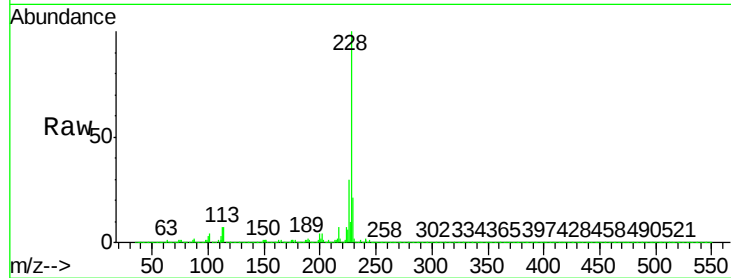
BNA_P

ClientSampleId :

B19-4-6

Tot Ion:228 Resp: 3212025

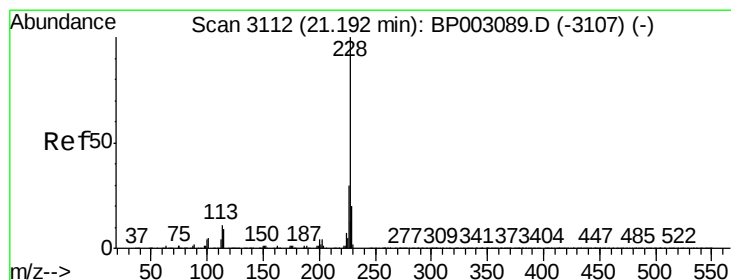
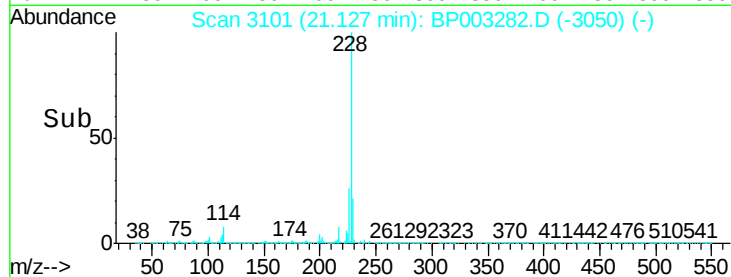
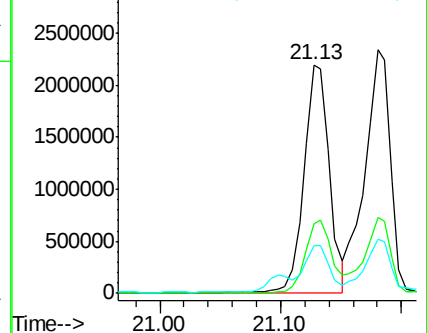
Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.1	33.1
229	21.0	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 88.504 ng

RT: 21.18 min Scan# 3110

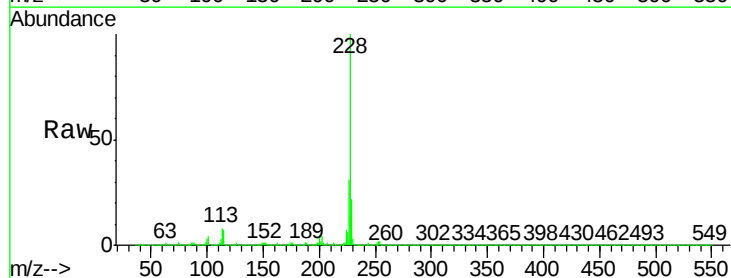
Delta R.T. -0.00 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Tgt Ion:228 Resp: 3393732

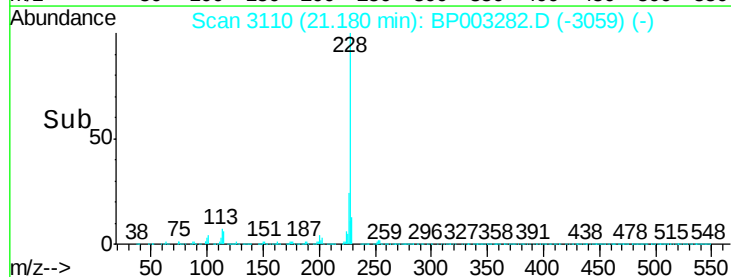
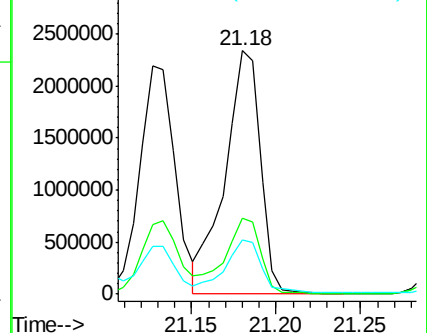
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	22.5	15.8	23.6

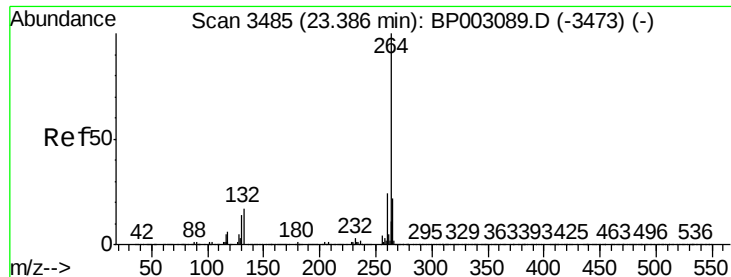


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

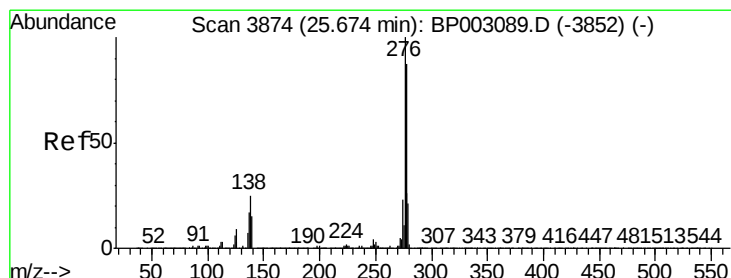
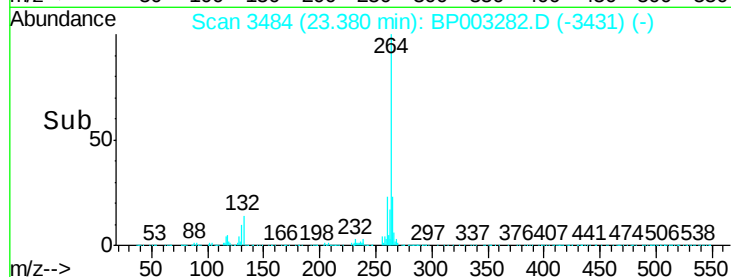
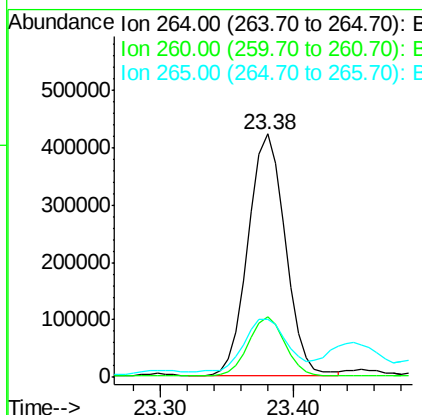
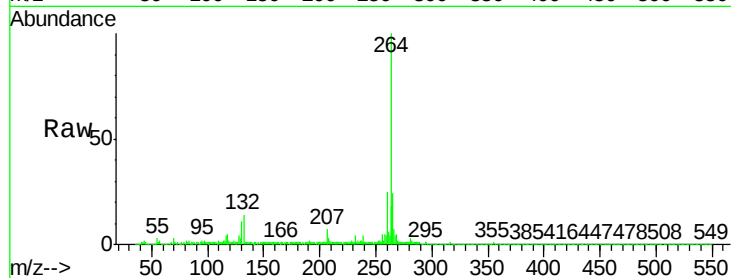




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

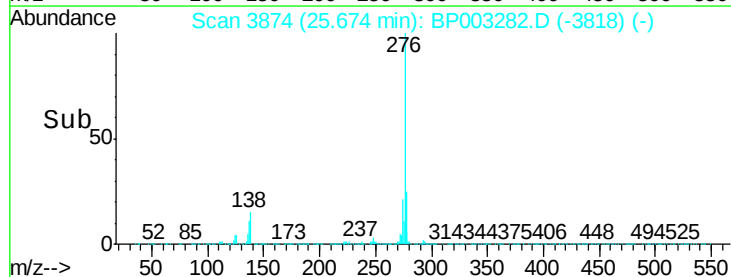
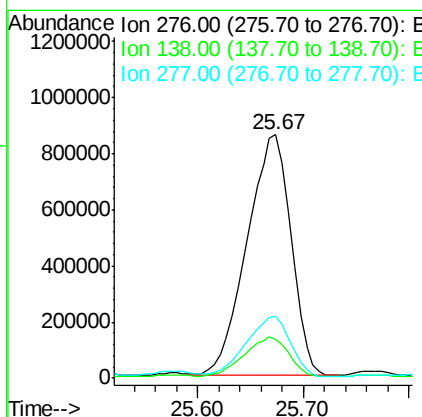
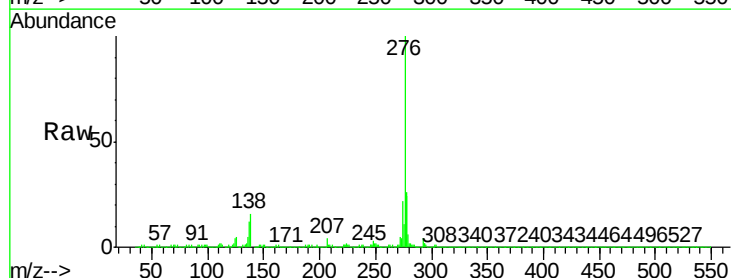
Instrument :
BNA_P
ClientSampled :
B19-4-6

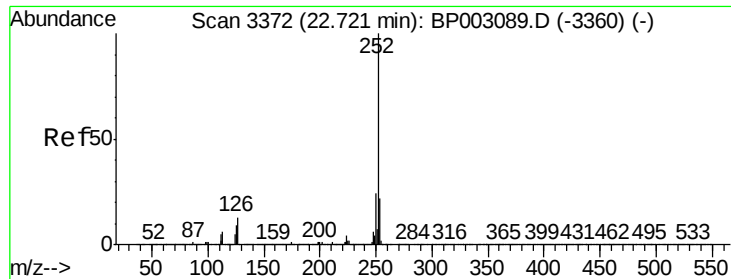
Tot Ion:264 Resp: 808444
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 24.1 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 41.083 ng
RT: 25.67 min Scan# 3874
Delta R.T. 0.03 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

Tgt Ion:276 Resp: 2476849
Ion Ratio Lower Upper
276 100
138 16.9 18.7 28.1#
277 25.4 20.4 30.6

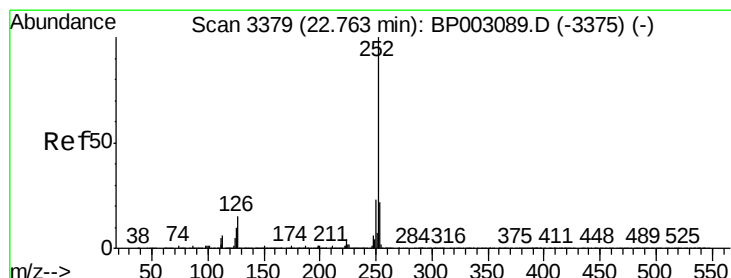
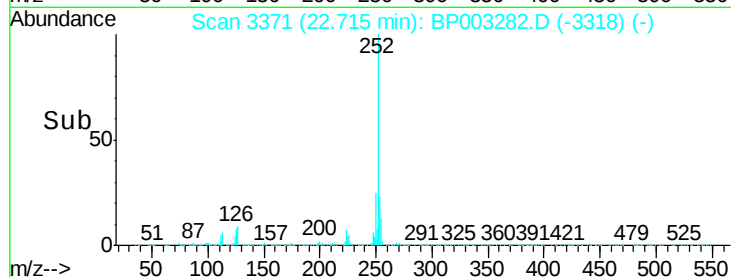
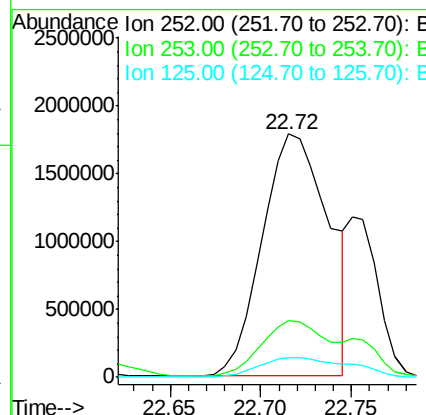
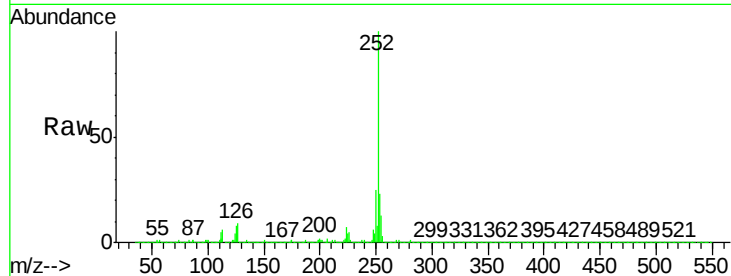




#88
Benzo(b)fluoranthene
Concen: 90.817 ng
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

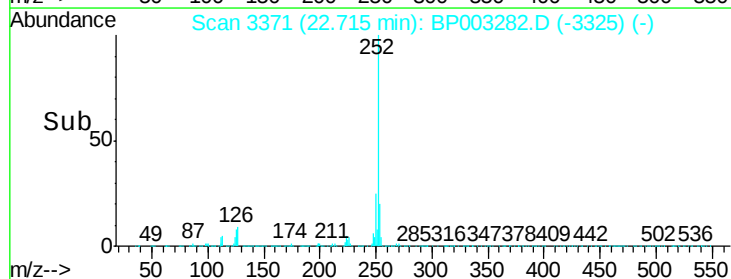
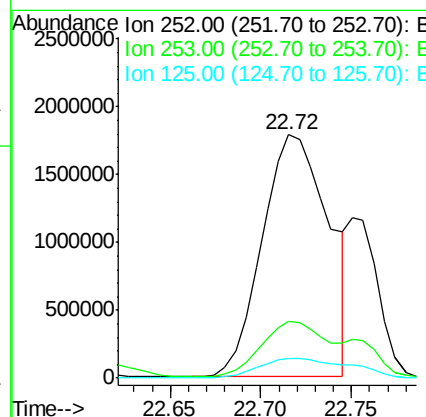
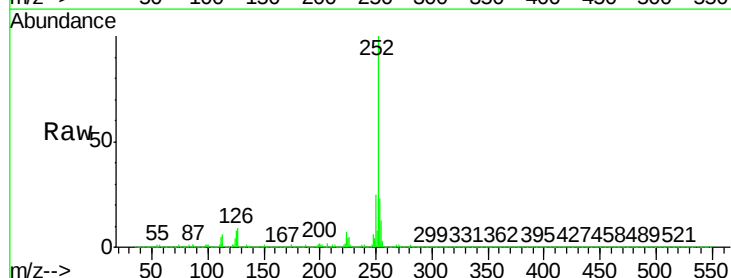
Instrument :
BNA_P
ClientSampleId :
B19-4-6

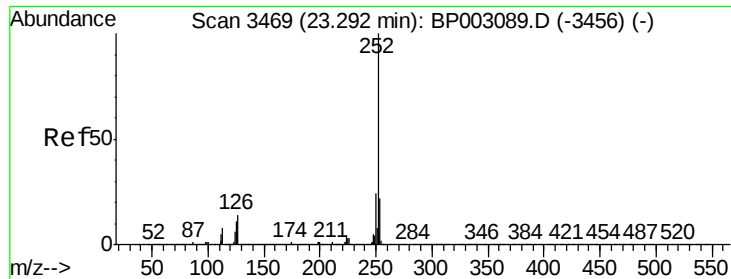
Tot Ion:252 Resp: 4563309
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 7.8 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 95.052 ng
RT: 22.72 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BP003282.D
Acq: 14 Sep 2020 22:55

Tgt Ion:252 Resp: 4563309
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 7.8 7.4 11.2





#90

Benzo(a)pyrene

Concen: 50.790 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.08 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

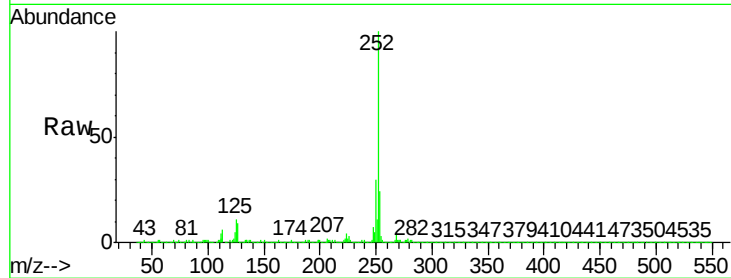
BNA_P

ClientSampled :

B19-4-6

Tot Ion:252 Resp: 2367633

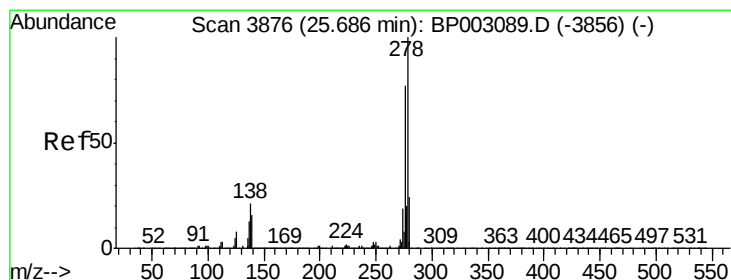
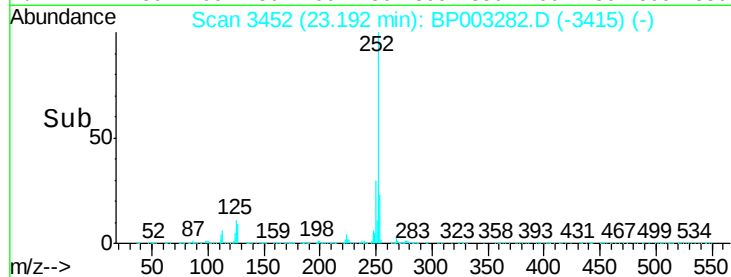
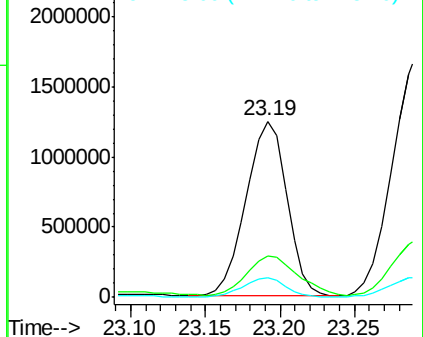
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	11.1	8.2	12.4



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: 13.462 ng

RT: 25.67 min Scan# 3873

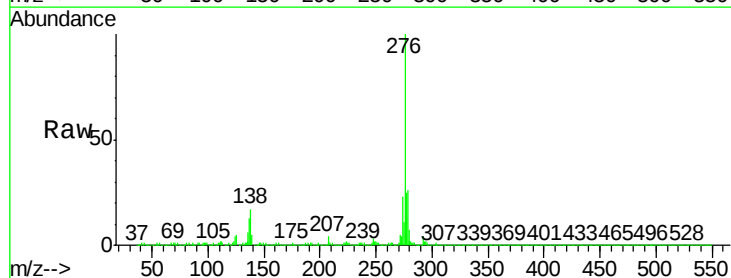
Delta R.T. 0.01 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Tgt Ion:278 Resp: 666704

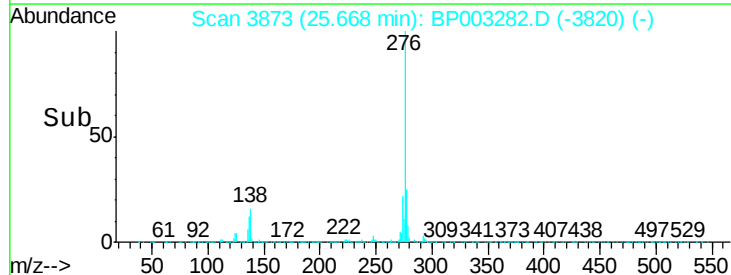
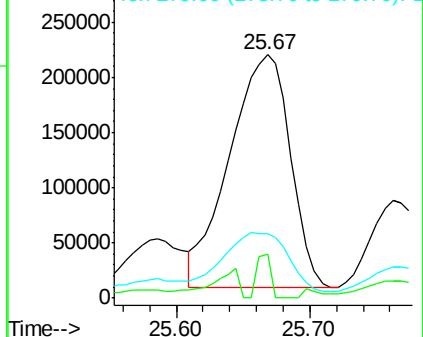
Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.4	18.6
279	26.4	19.0	28.6

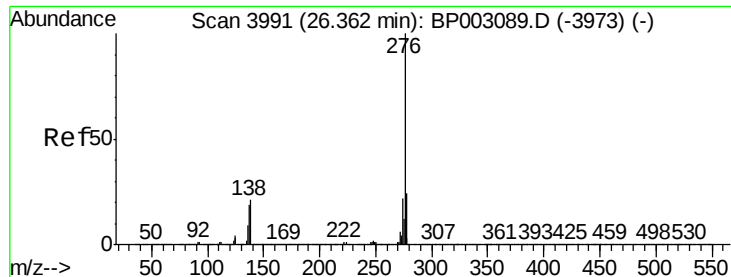


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.562 ng

RT: 26.37 min Scan# 3992

Delta R.T. 0.03 min

Lab File: BP003282.D

Acq: 14 Sep 2020 22:55

Instrument :

BNA_P

ClientSampleId :

B19-4-6

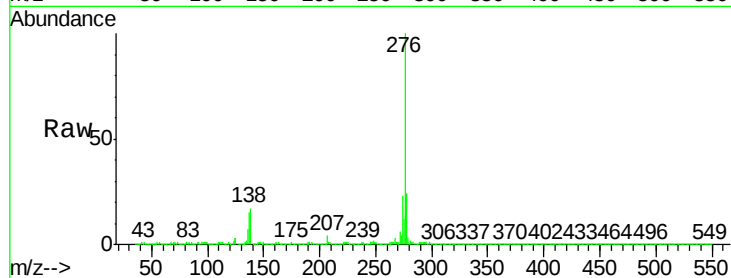
Tot Ion:276 Resp: 2513049

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.6

138 17.2 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

