

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005379.D
 Acq On : 22 Apr 2021 17:06
 Operator : CG/JU
 Sample : M2102-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

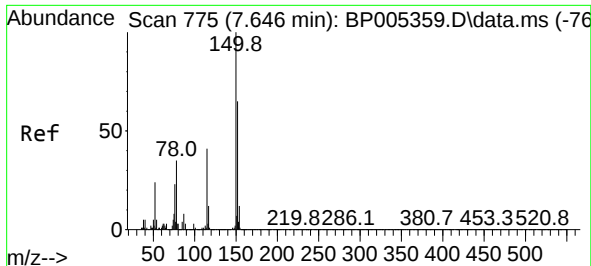
Instrument :
 BNA_P
 ClientSampleId :
 RO-124037

Quant Time: Apr 22 17:48:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	31123	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	114545	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	78316	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	181506	20.00	ng	0.00
76) Chrysene-d12	21.168	240	220060	20.00	ng	0.00
86) Perylene-d12	23.427	264	228929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	186876	104.30	ng	0.00
7) Phenol-d6	6.834	99	250004	101.27	ng	0.00
23) Nitrobenzene-d5	8.804	82	203022	77.09	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	114099	76.17	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	348229	57.56	ng	0.00
79) Terphenyl-d14	19.645	244	655371	55.19	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.440	42	43290	40.53	ng	# 6
10) Phenol	6.863	94	10460	4.25	ng	# 64
25) Isophorone	9.375	82	36	2.96	ng	# 70
32) Benzoic acid	9.657	122	23	7.76	ng	93
41) Hexachlorocyclopentadiene	12.239	237	8	6.97	ng	76
48) 2-Nitroaniline	13.410	65	56	5.48	ng	# 38
53) 3-Nitroaniline	14.245	138	6	2.66	ng	# 7
54) 2,4-Dinitrophenol	14.433	184	14	7.53	ng	# 1
56) 4-Nitrophenol	14.592	139	49	5.35	ng	90
57) 2,4-Dinitrotoluene	14.698	165	35	3.13	ng	# 76
62) 4-Nitroaniline	15.398	138	13	3.83	ng	# 1
74) Di-n-butylphthalate	18.045	149	708	4.02	ng	# 81
75) Fluoranthene	19.092	202	28112	2.12	ng	98
78) Pyrene	19.445	202	27160	2.20	ng	98
84) Bis(2-ethylhexyl)phtha...	21.080	149	3423	3.63	ng	# 84
88) Benzo(b)fluoranthene	22.745	252	35190	2.33	ng	# 96
89) Benzo(k)fluoranthene	22.745	252	35190	2.38	ng	# 94

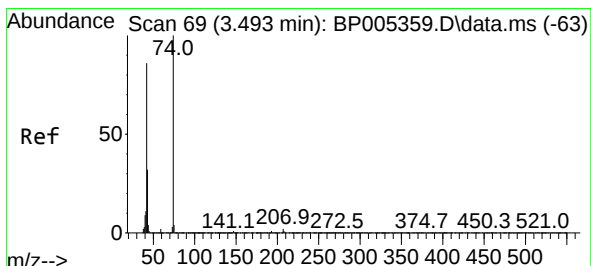
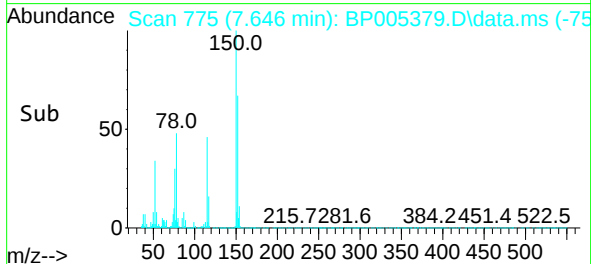
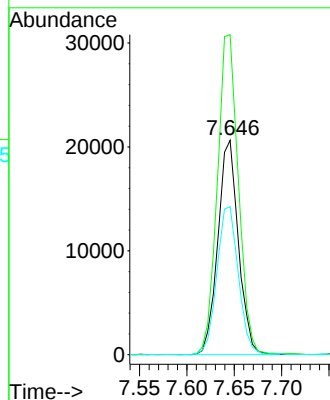
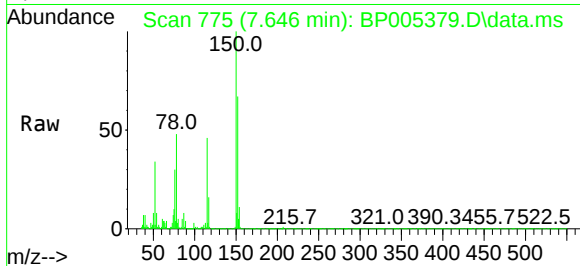
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005379.D
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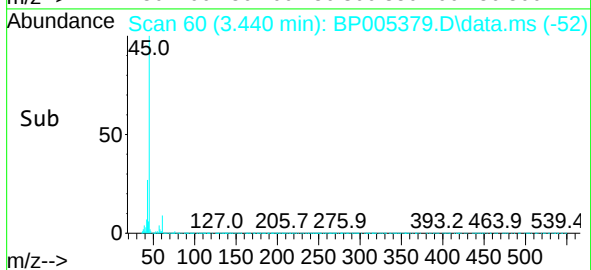
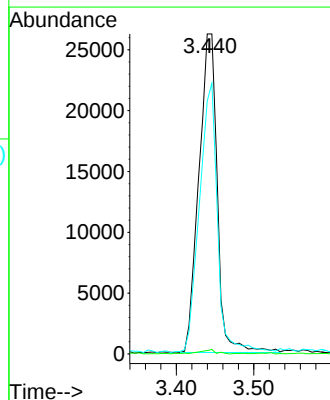
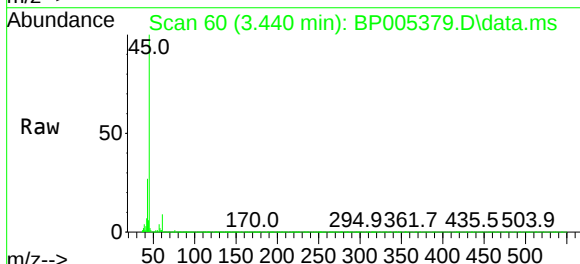
Instrument :
BNA_P
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RO-124037

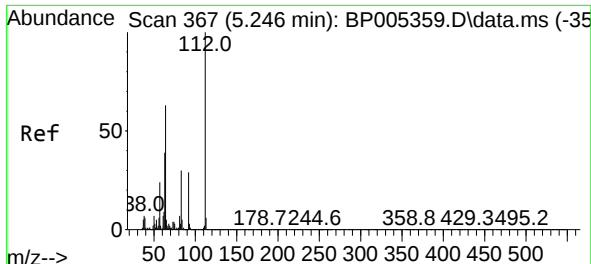
Tgt Ion:152 Resp: 31123
Ion Ratio Lower Upper
152 100
150 149.2 119.8 179.8
115 69.0 49.0 73.4



#4
n-Nitrosodimethylamine
Concen: 40.53 ng
RT: 3.440 min Scan# 60
Delta R.T. -0.053 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion: 42 Resp: 43290
Ion Ratio Lower Upper
42 100
74 1.0 122.6 183.8#
44 79.0 146.9 220.3#

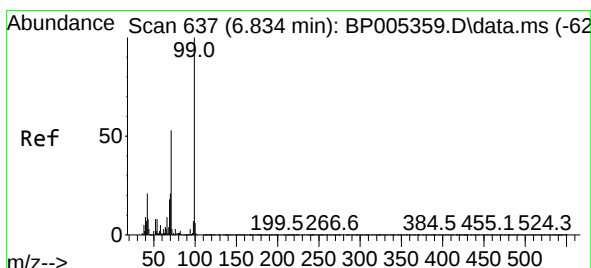
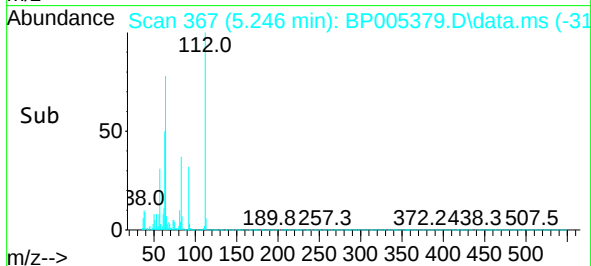
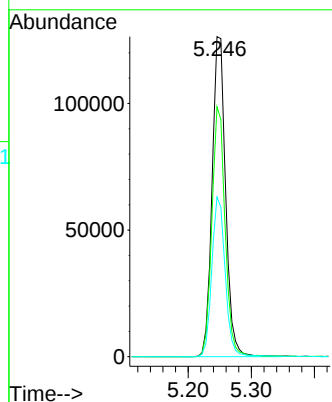
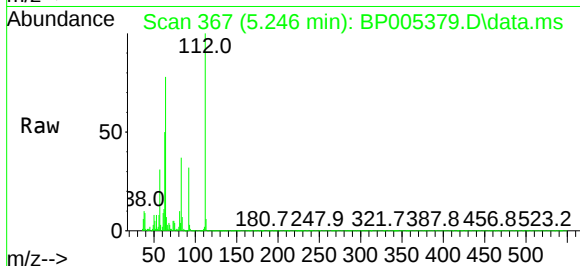




#5
2-Fluorophenol
Concen: 104.30 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

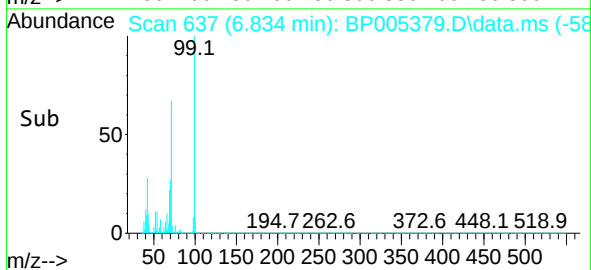
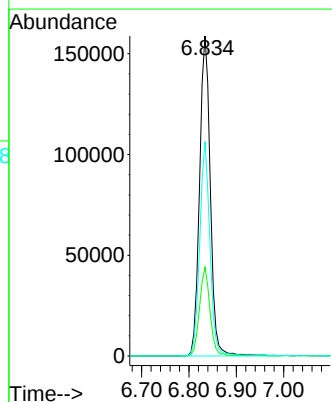
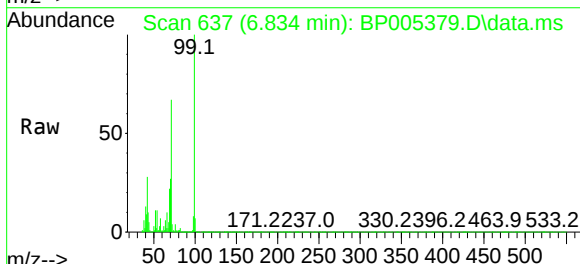
Instrument :
BNA_P
ClientSampleId :
RO-124037

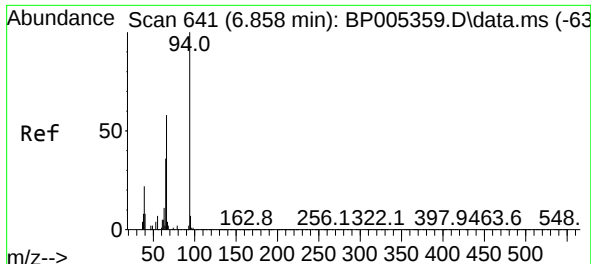
Tgt Ion:112 Resp: 186876
Ion Ratio Lower Upper
112 100
64 78.1 33.6 50.4#
63 49.9 18.6 27.8#



#7
Phenol-d6
Concen: 101.27 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion: 99 Resp: 250004
Ion Ratio Lower Upper
99 100
42 27.7 12.9 19.3#
71 67.0 26.7 40.1#

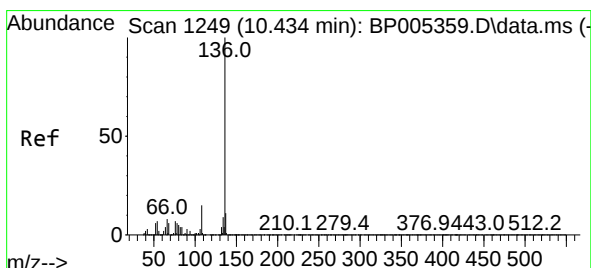
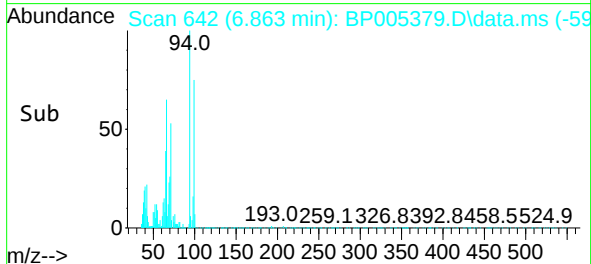
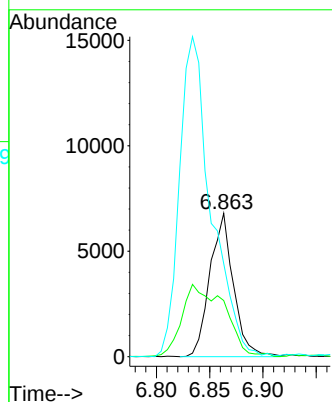
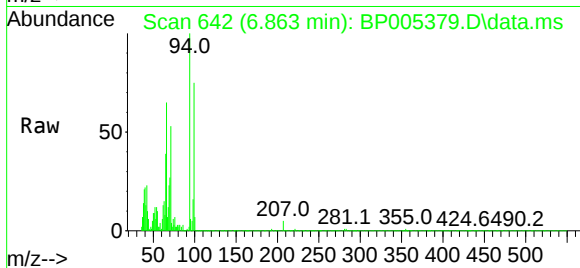




#10
Phenol
Concen: 4.25 ng
RT: 6.863 min Scan# 642
Delta R.T. 0.006 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

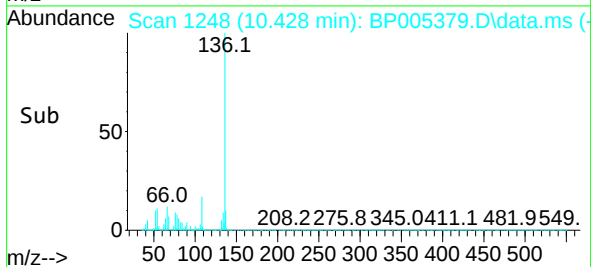
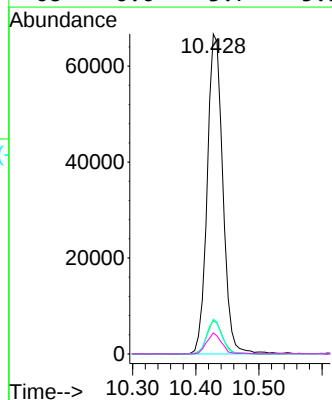
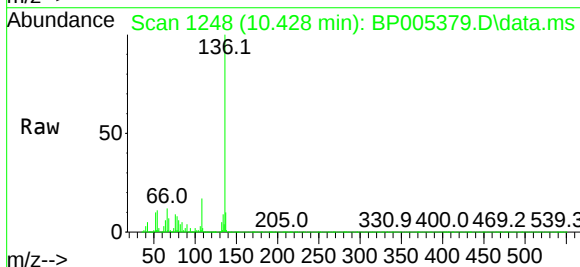
Instrument :
BNA_P
ClientSampleId :
RO-124037

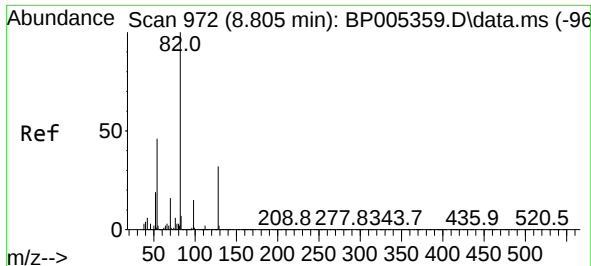
Tgt Ion: 94 Resp: 10460
Ion Ratio Lower Upper
94 100
65 39.2 8.0 48.0
66 64.9 17.3 57.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:136 Resp: 114545
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 10.8 5.0 7.4#
68 6.6 3.7 5.5#

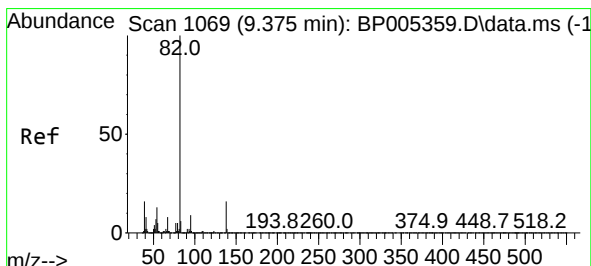
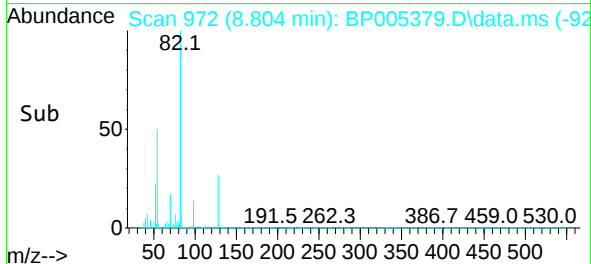
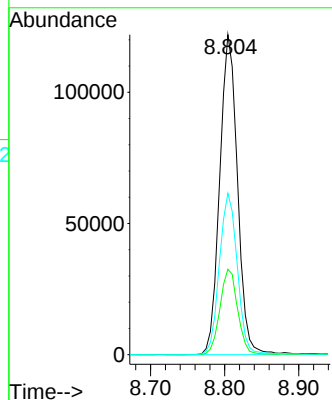
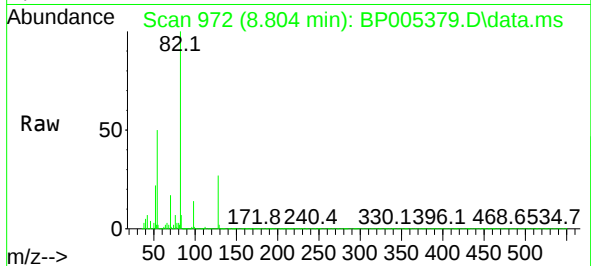




#23
Nitrobenzene-d5
Concen: 77.09 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.001 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

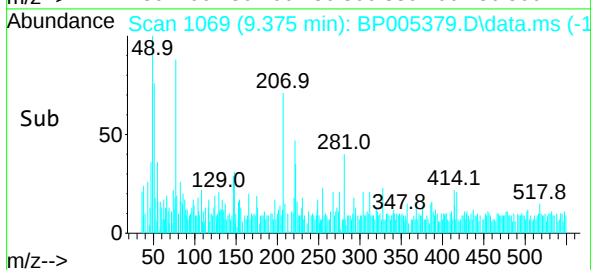
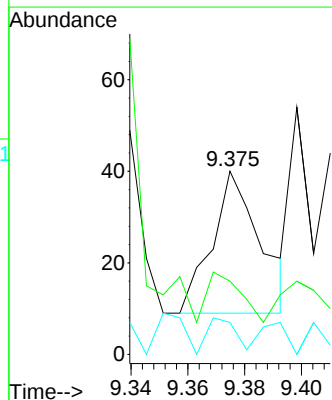
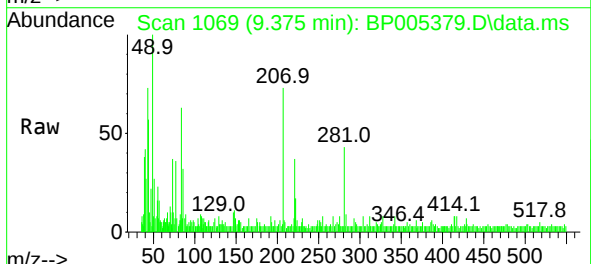
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ClientSampleId :
RO-124037

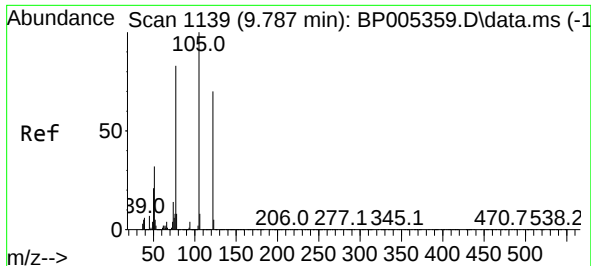
Tgt Ion: 82 Resp: 203022
Ion Ratio Lower Upper
82 100
128 26.7 30.5 45.7#
54 50.5 33.9 50.9



#25
Isophorone
Concen: 2.96 ng
RT: 9.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion: 82 Resp: 36
Ion Ratio Lower Upper
82 100
95 40.0 7.5 11.3#
138 17.5 14.6 22.0

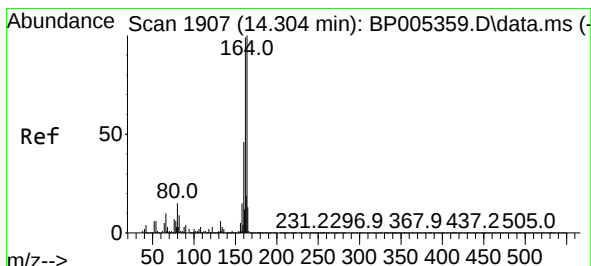
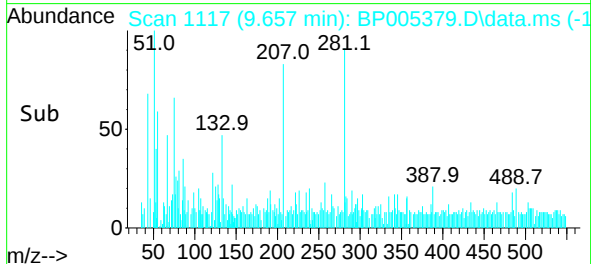
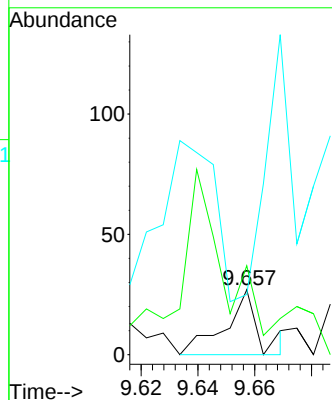
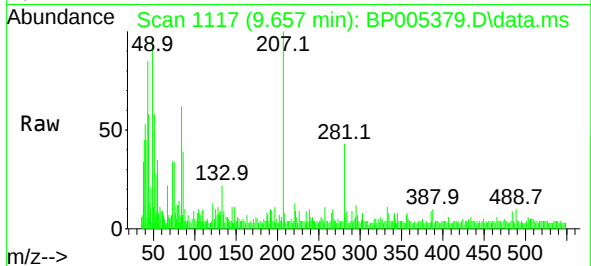




#32
Benzoic acid
Concen: 7.76 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.130 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

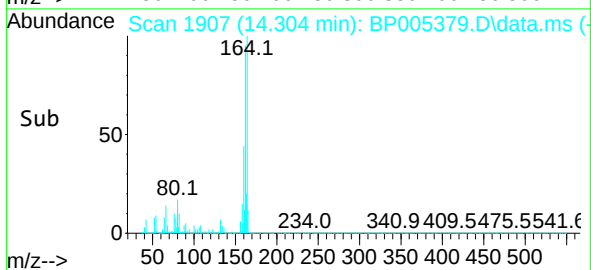
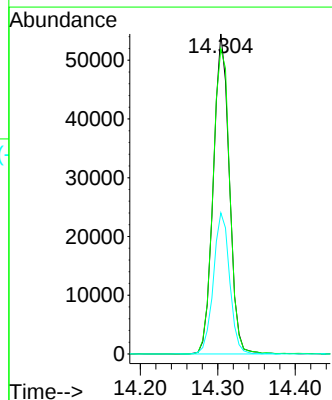
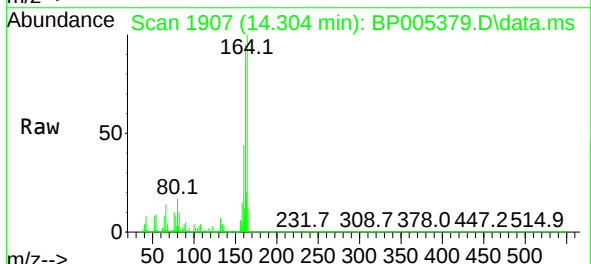
Instrument :
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ClientSampleId :
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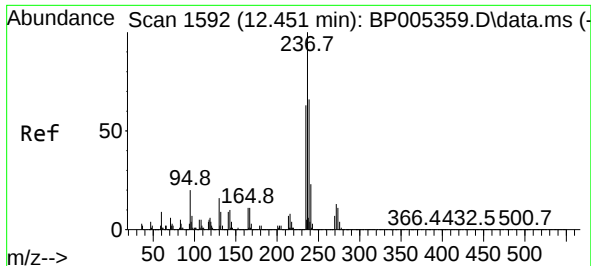
Tgt Ion:122 Resp: 23
Ion Ratio Lower Upper
122 100
105 137.0 105.1 145.1
77 92.6 69.6 109.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:164 Resp: 78316
Ion Ratio Lower Upper
164 100
162 95.4 73.5 110.3
160 44.1 40.6 61.0

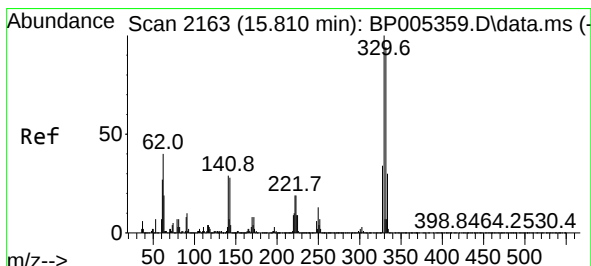
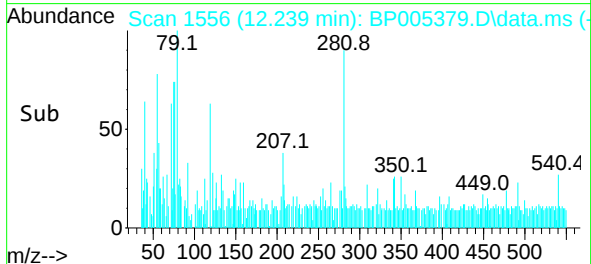
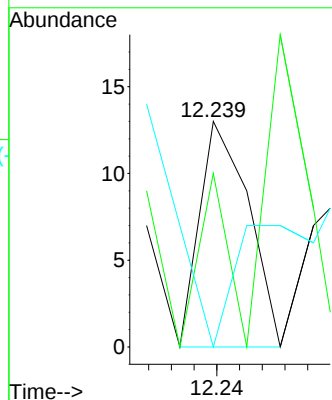
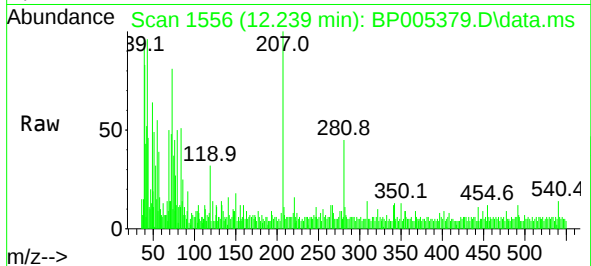




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.239 min Scan# 1556
Delta R.T. -0.212 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

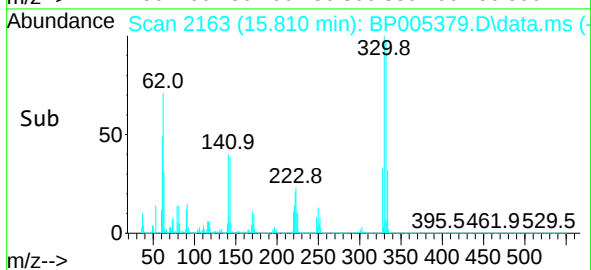
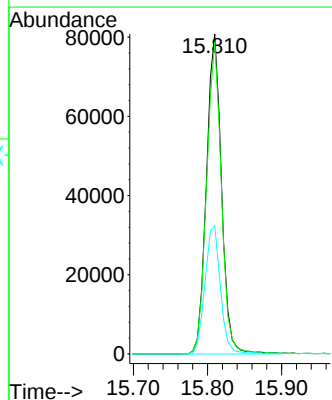
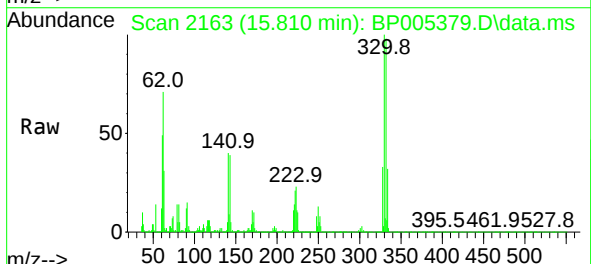
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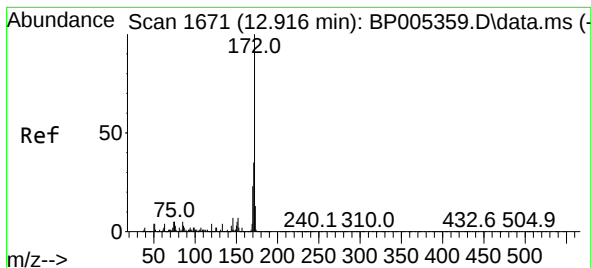
Tgt Ion:237	Resp:	8	
Ion	Ratio	Lower	Upper
237	100		
235	76.9	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 76.17 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:330	Resp:	114099	
Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.3	114.5
141	41.6	22.8	34.2#

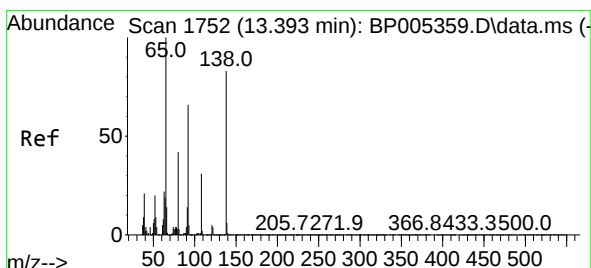
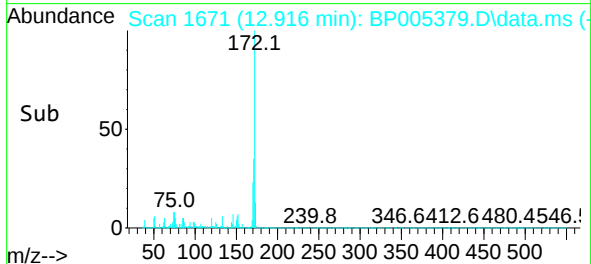
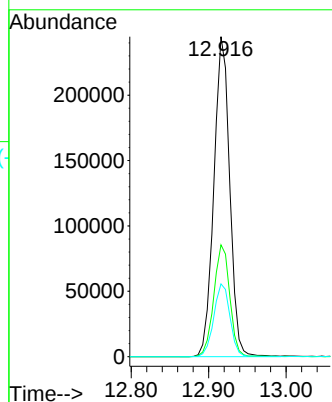
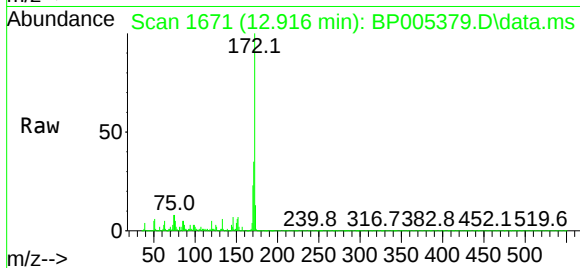




#45
2-Fluorobiphenyl
Concen: 57.56 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

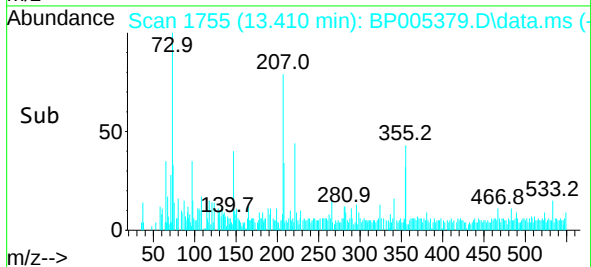
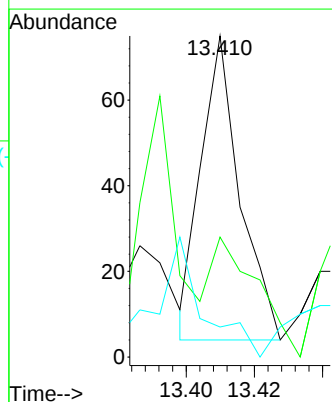
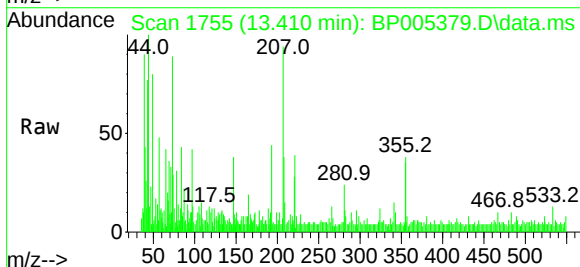
Instrument :
BNA_P
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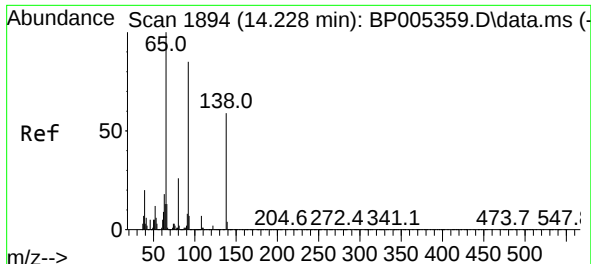
Tgt Ion:	172	Resp:	348229
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	22.8	19.6	29.4



#48
2-Nitroaniline
Concen: 5.48 ng
RT: 13.410 min Scan# 1755
Delta R.T. 0.017 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:	65	Resp:	56
Ion	Ratio	Lower	Upper
65	100		
92	37.3	48.8	73.2#
138	9.3	69.5	104.3#

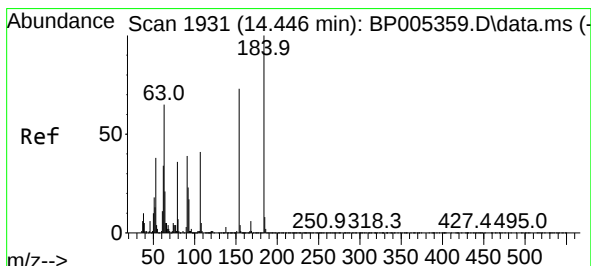
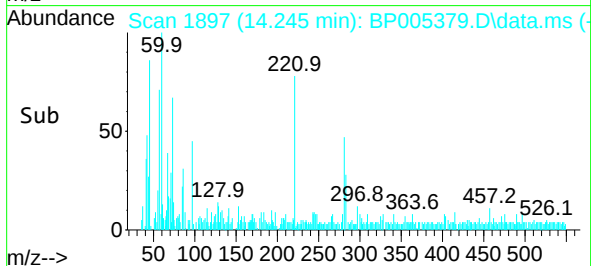
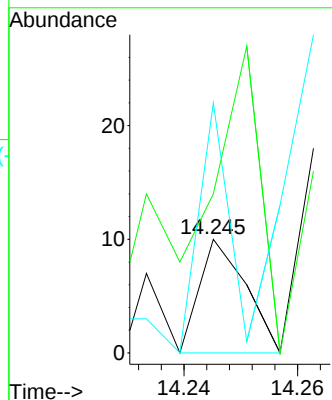
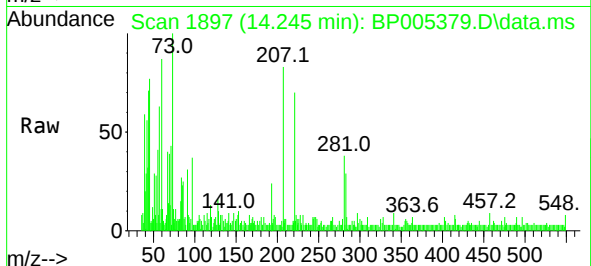




#53
3-Nitroaniline
Concen: 2.66 ng
RT: 14.245 min Scan# 1897
Delta R.T. 0.017 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

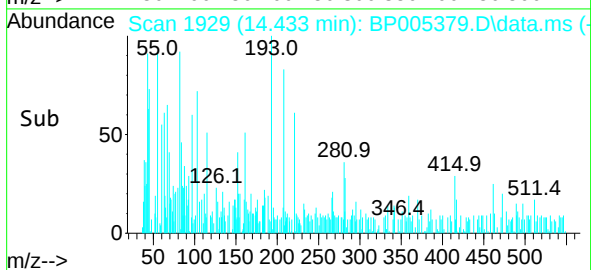
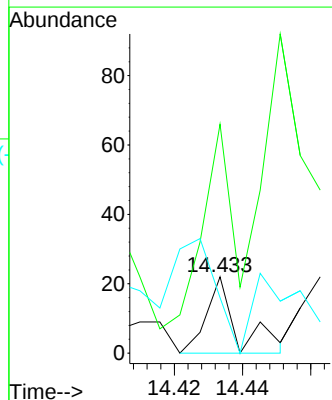
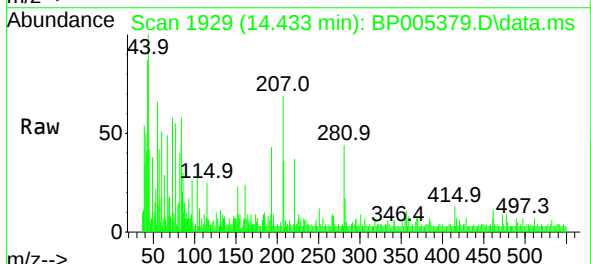
Instrument :
BNA_P
ClientSampleId :
RO-124037

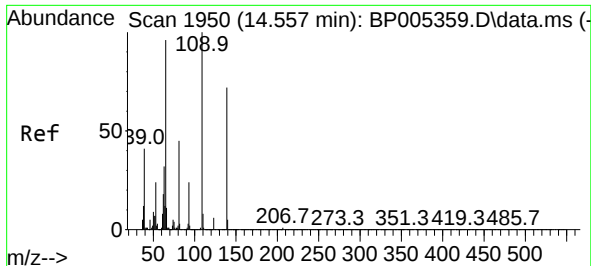
Tgt Ion:138 Resp: 6
Ion Ratio Lower Upper
138 100
108 140.0 10.2 15.4#
92 220.0 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.433 min Scan# 1929
Delta R.T. -0.013 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 300.0 51.2 76.8#
154 72.7 55.8 83.8

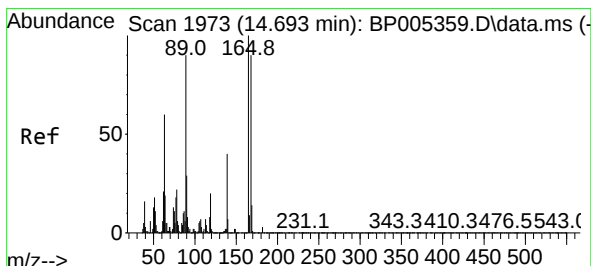
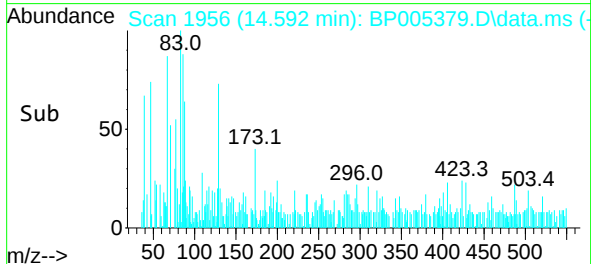
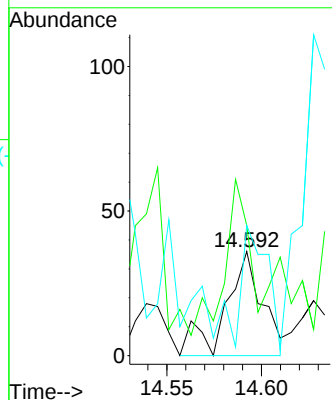
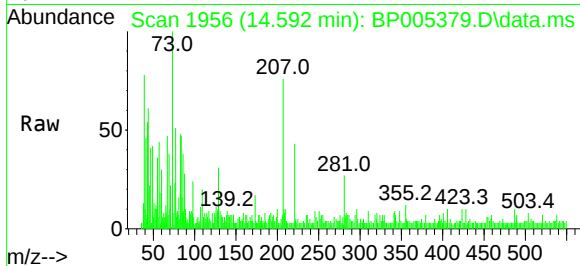




#56
4-Nitrophenol
Concen: 5.35 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.035 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

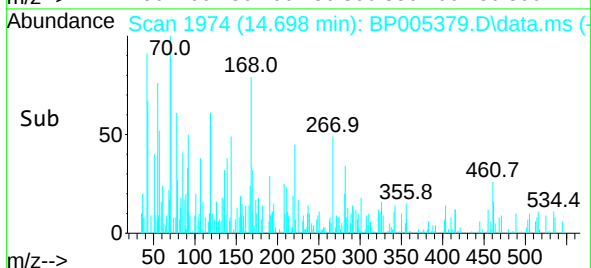
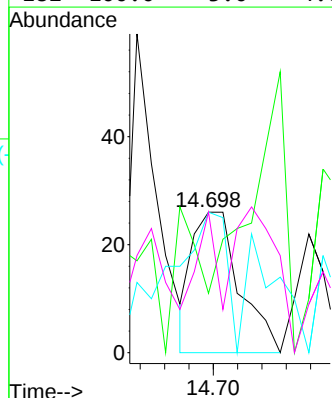
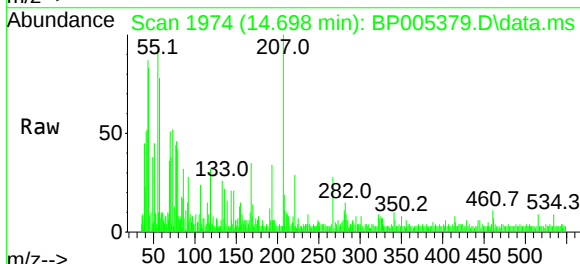
Instrument :
BNA_P
ClientSampleId :
RO-124037

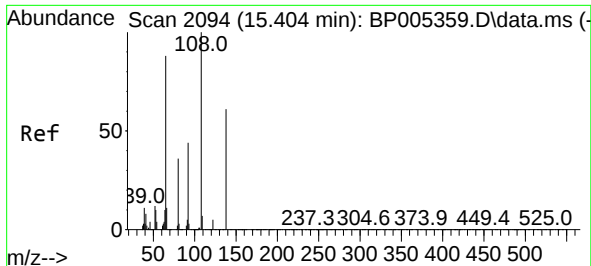
Tgt Ion:	139	Resp:	49
Ion	Ratio	Lower	Upper
139	100		
109	125.0	122.8	162.8
65	125.0	110.0	150.0



#57
2,4-Dinitrotoluene
Concen: 3.13 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:	165	Resp:	35
Ion	Ratio	Lower	Upper
165	100		
63	42.3	56.7	85.1#
89	100.0	85.8	128.6
182	100.0	3.0	4.6#

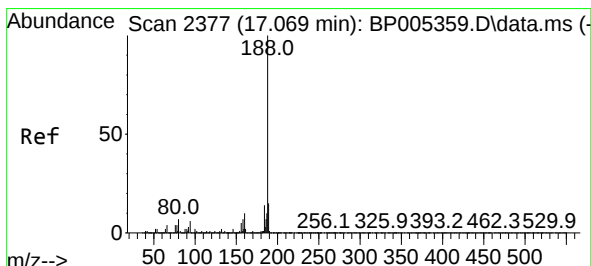
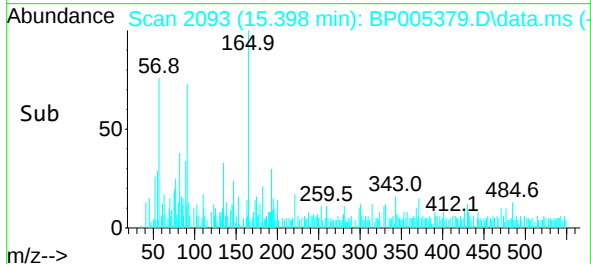
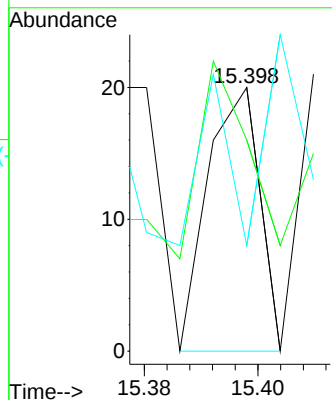
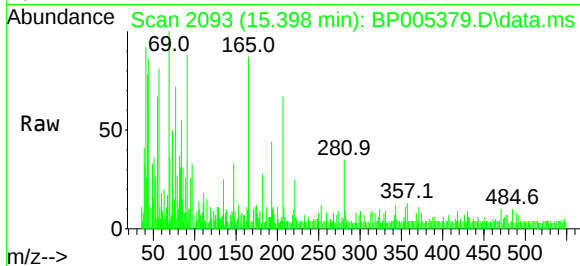




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

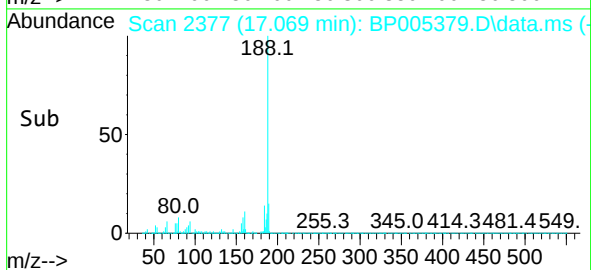
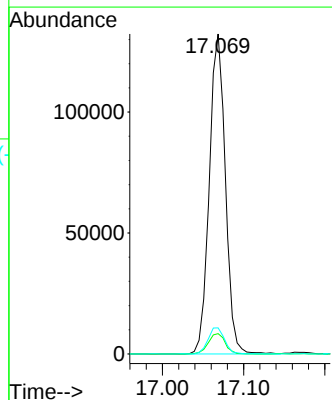
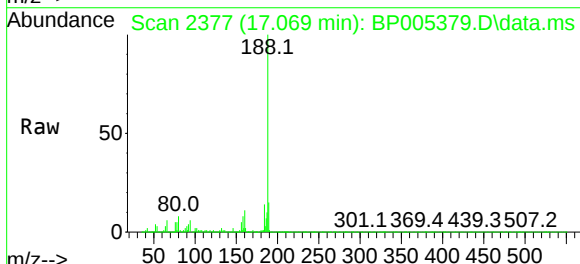
Instrument :
BNA_P
ClientSampleId :
RO-124037

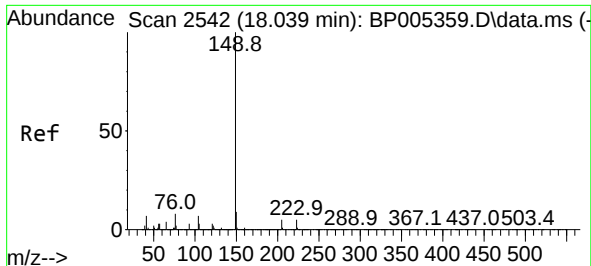
Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
92 185.0 50.9 90.9#
108 40.0 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:188 Resp: 181506
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.6
80 8.2 5.9 8.9

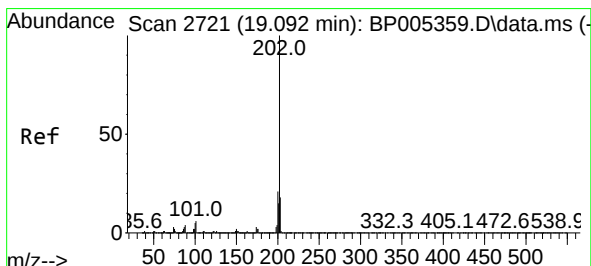
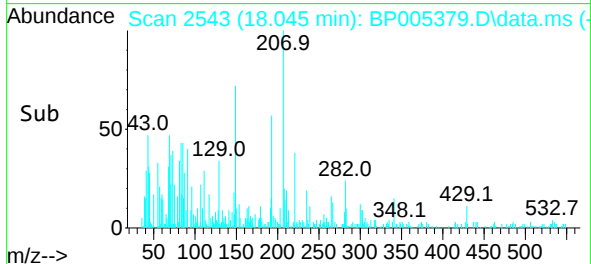
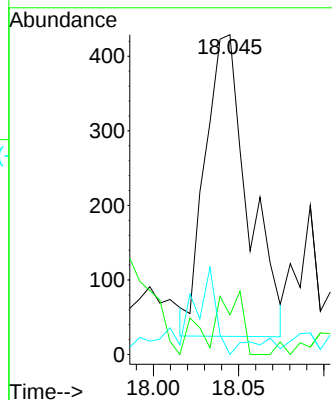
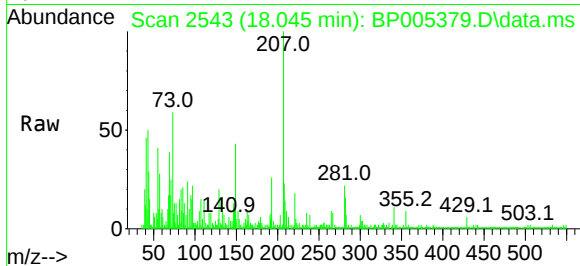




#74
Di-n-butylphthalate
Concen: 4.02 ng
RT: 18.045 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

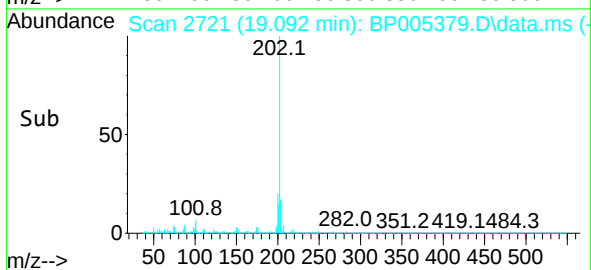
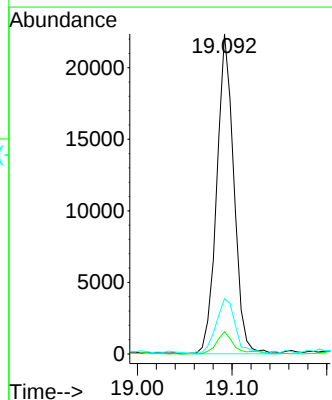
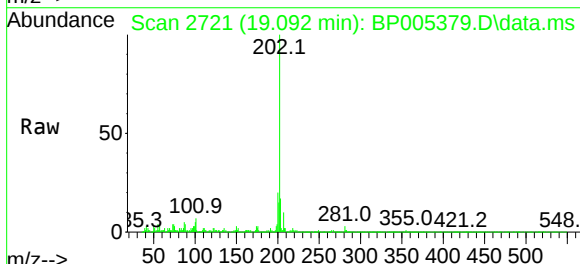
Instrument :
BNA_P
ClientSampleId :
RO-124037

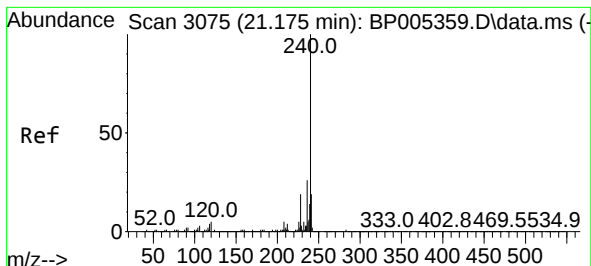
Tgt Ion:149 Resp: 708
Ion Ratio Lower Upper
149 100
150 12.4 7.6 11.4#
104 0.0 8.9 13.3#



#75
Fluoranthene
Concen: 2.12 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:202 Resp: 28112
Ion Ratio Lower Upper
202 100
101 8.4 0.0 26.1
203 17.3 0.0 37.2

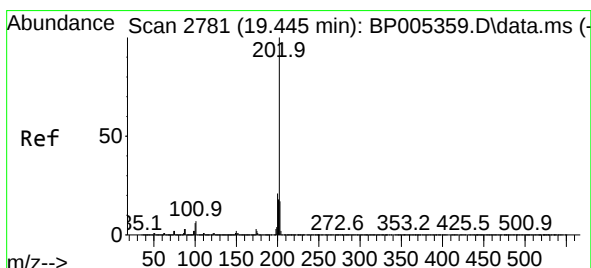
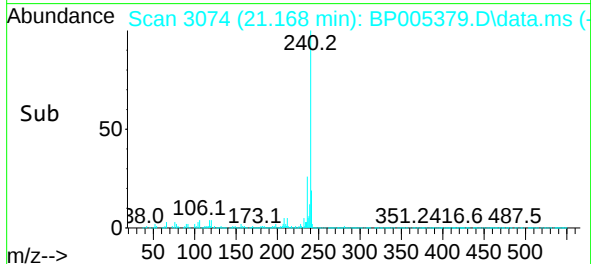
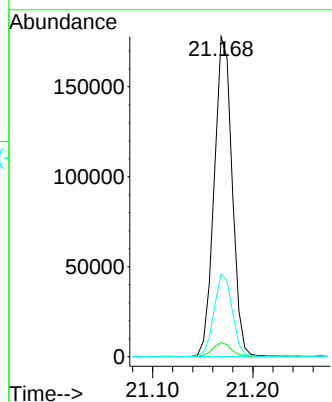
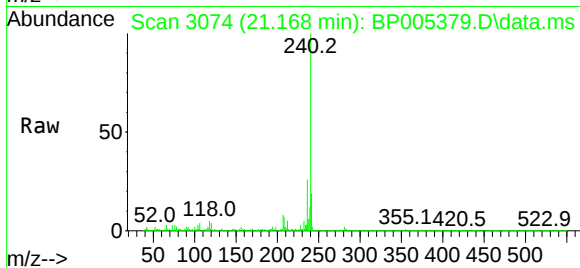




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.007 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

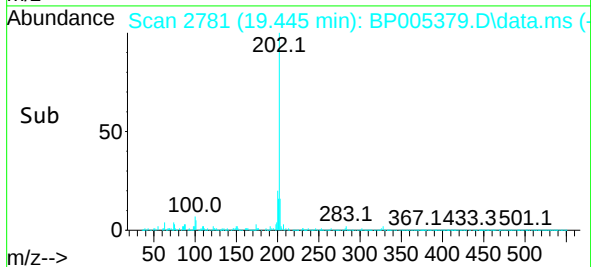
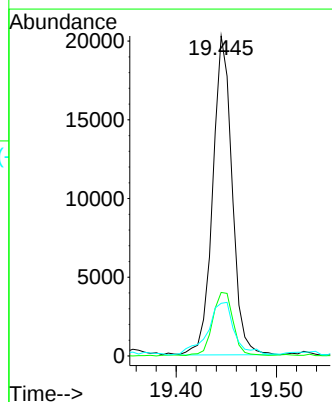
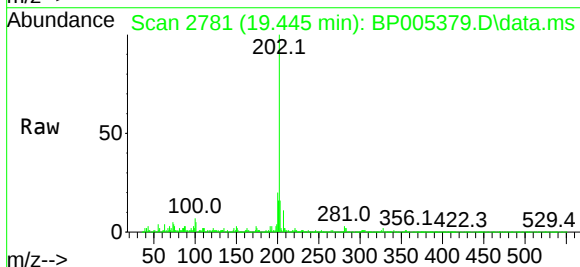
Instrument :
BNA_P
ClientSampleId :
RO-124037

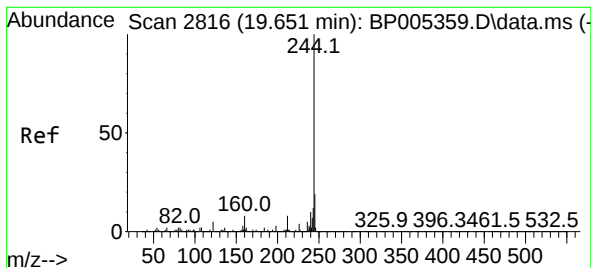
Tgt Ion:240 Resp: 220060
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 25.9 20.2 30.2



#78
Pyrene
Concen: 2.20 ng
RT: 19.445 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:202 Resp: 27160
Ion Ratio Lower Upper
202 100
200 19.9 16.9 25.3
203 16.5 13.8 20.6





#79

Terphenyl-d14

Concen: 55.19 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP005379.D

Acq: 22 Apr 2021 17:06

Instrument :

BNA_P

ClientSampleId :

RO-124037

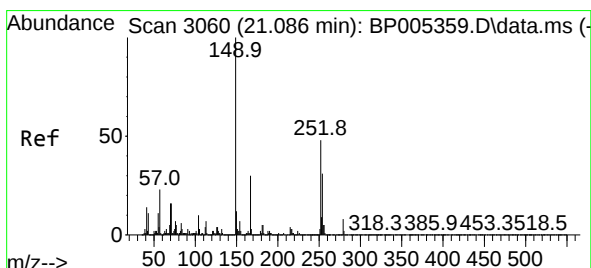
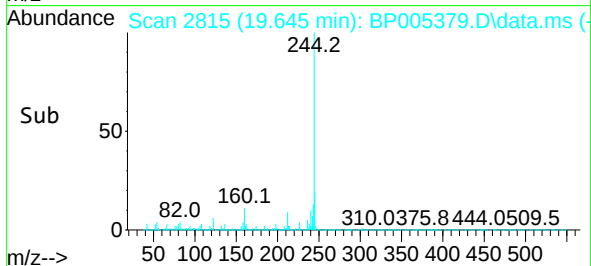
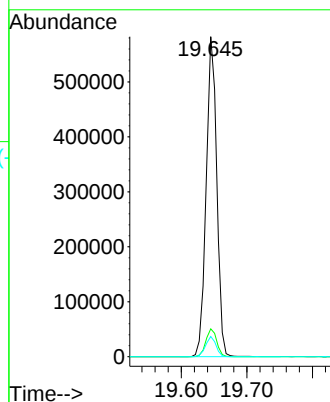
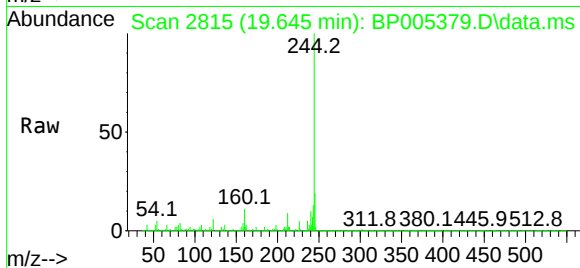
Tgt Ion:244 Resp: 655371

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.6#

122 6.3 5.2 7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.63 ng

RT: 21.080 min Scan# 3059

Delta R.T. -0.006 min

Lab File: BP005379.D

Acq: 22 Apr 2021 17:06

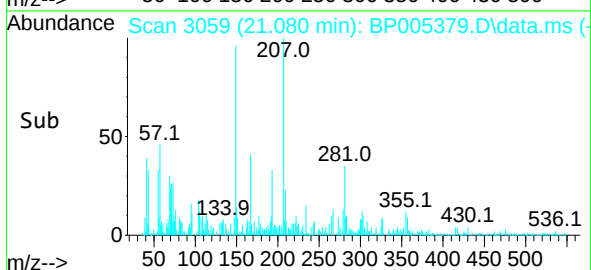
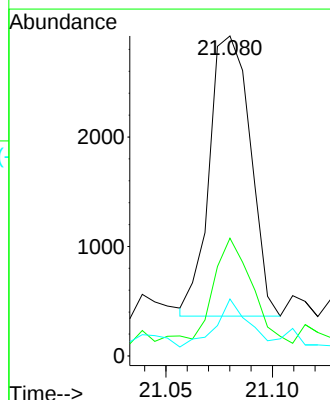
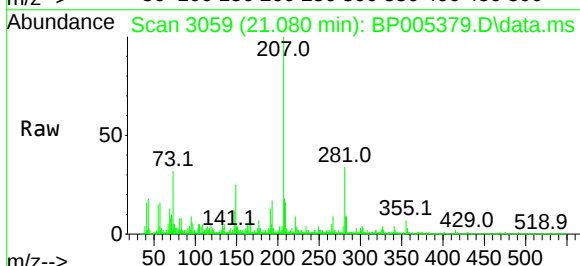
Tgt Ion:149 Resp: 3423

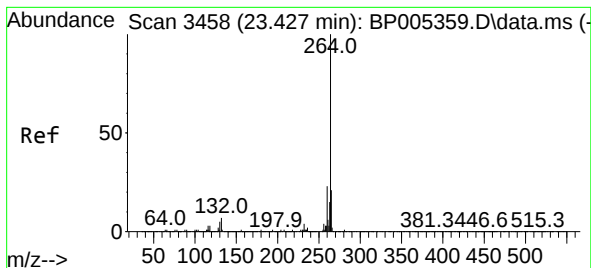
Ion Ratio Lower Upper

149 100

167 36.8 23.8 35.8#

279 17.8 5.7 8.5#



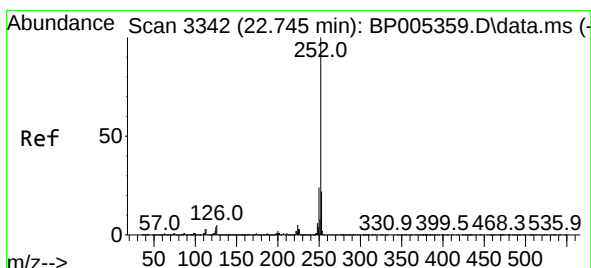
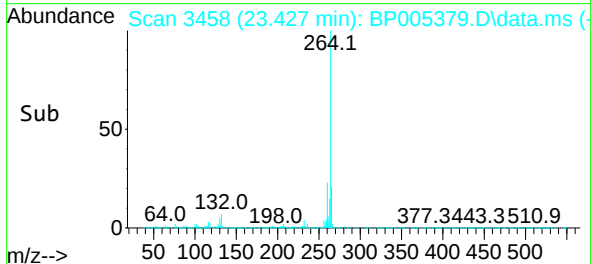
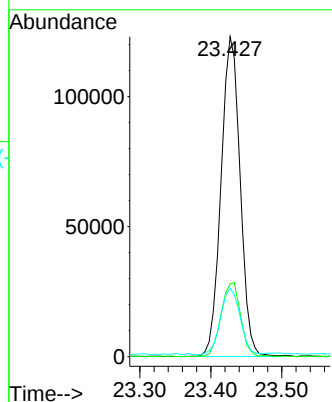
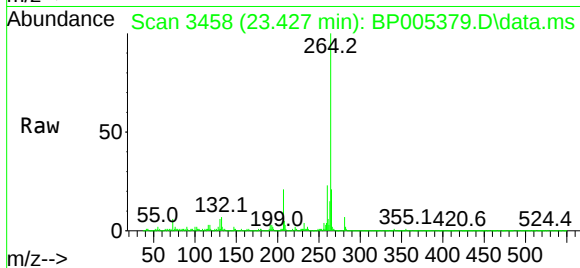


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Instrument :
BNA_P
ClientSampleId :
RO-124037

Tgt Ion:264 Resp: 228929

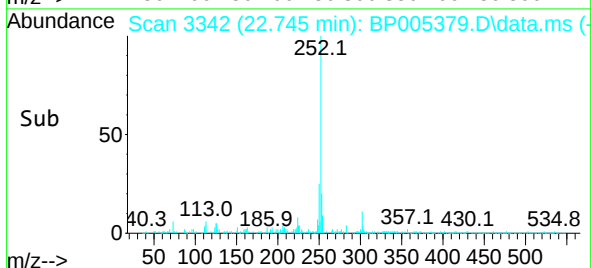
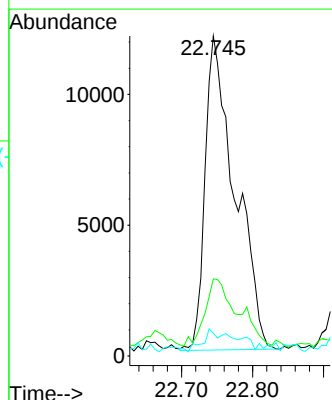
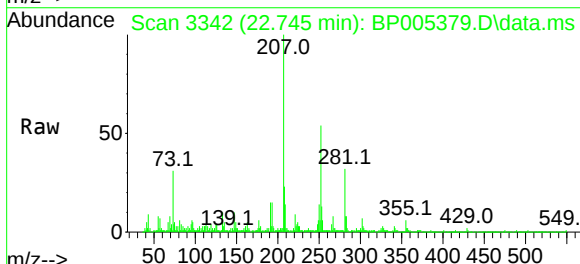
Ion	Ratio	Lower	Upper
264	100		
260	22.7	20.6	30.8
265	21.4	19.0	28.6

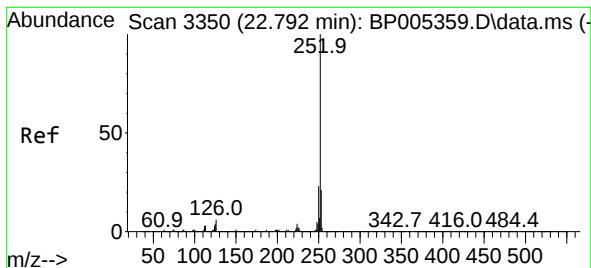


#88
Benzo(b)fluoranthene
Concen: 2.33 ng
RT: 22.745 min Scan# 3342
Delta R.T. -0.000 min
Lab File: BP005379.D
Acq: 22 Apr 2021 17:06

Tgt Ion:252 Resp: 35190

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	7.2	3.4	5.0





#89

Benzo(k)fluoranthene

Concen: 2.38 ng

RT: 22.745 min Scan# 3342

Delta R.T. -0.047 min

Lab File: BP005379.D

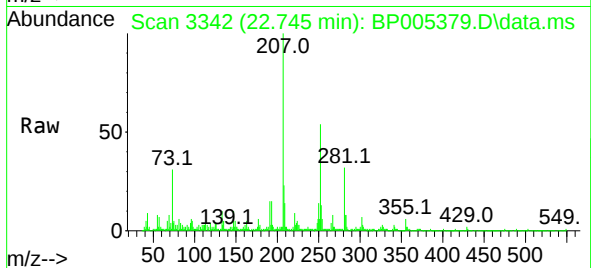
Acq: 22 Apr 2021 17:06

Instrument :

BNA_P

ClientSampleId :

RO-124037



Tgt Ion:	252	Resp:	35190
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.2	25.8
125	7.2	3.8	5.6#

