

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
 Data File : BP003385.D
 Acq On : 25 Sep 2020 17:17
 Operator : CG/JU
 Sample : L4127-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2(4-5)

Quant Time: Sep 25 17:49:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

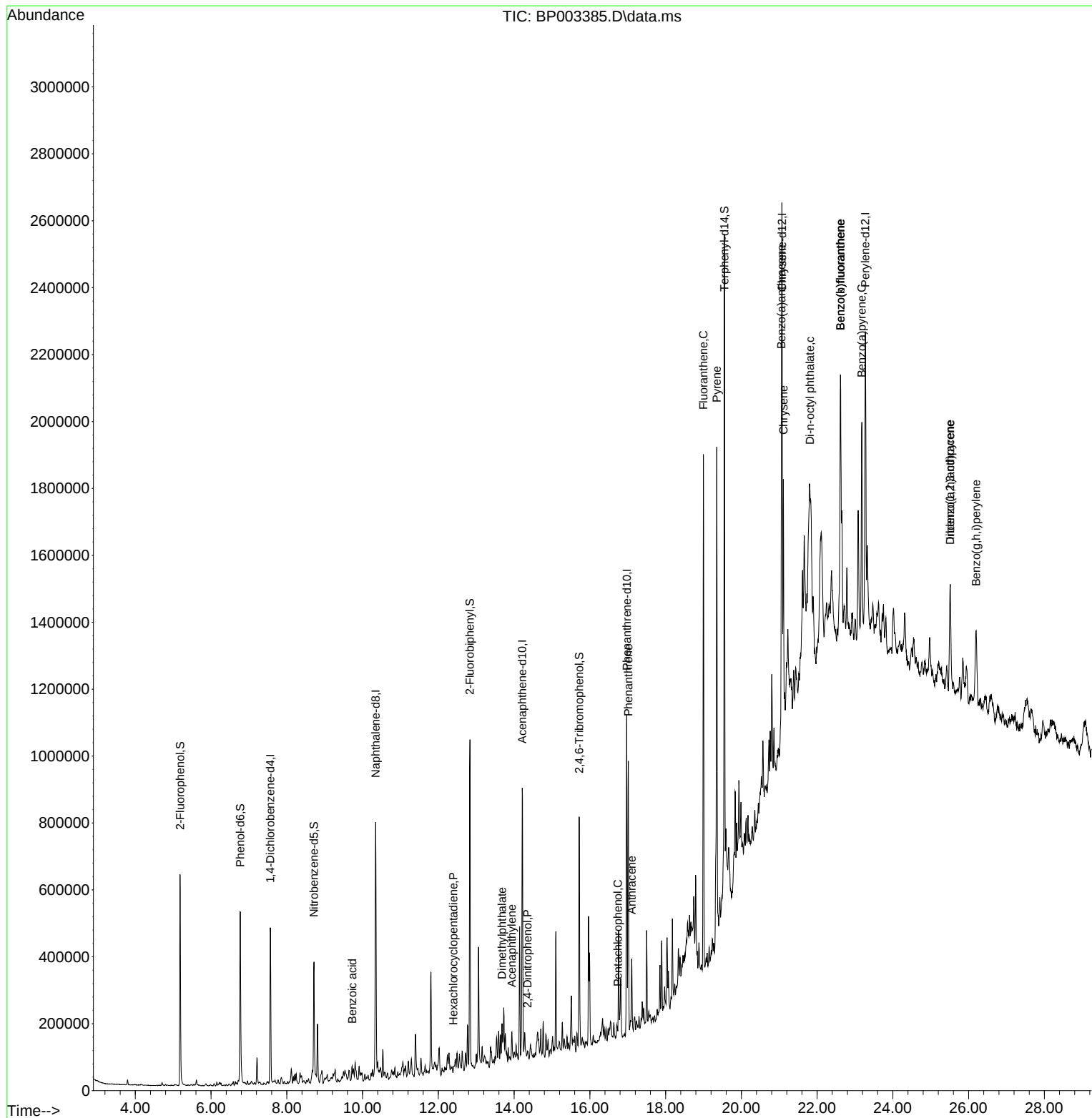
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	124531	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	445830	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	264305	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	576435	20.00	ng	# 0.00
76) Chrysene-d12	21.074	240	576288	20.00	ng	0.00
86) Perylene-d12	23.274	264	619805	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	309610	43.41	ng	0.00
7) Phenol-d6	6.769	99	364631	38.36	ng	0.00
23) Nitrobenzene-d5	8.716	82	234581	30.91	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	138565	34.37	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	513734	28.43	ng	0.00
79) Terphenyl-d14	19.551	244	775038	28.02	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.728	122	38	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.398	237	18	6.85	ng	92
49) Acenaphthylene	13.939	152	52740	2.11	ng	# 94
50) Dimethylphthalate	13.681	163	63103	2.99	ng	# 98
54) 2,4-Dinitrophenol	14.351	184	170	7.32	ng	# 1
70) Pentachlorophenol	16.739	266	21	6.78	ng	90
71) Phenanthrene	17.016	178	478158	15.25	ng	99
72) Anthracene	17.104	178	134135	4.34	ng	98
75) Fluoranthene	18.998	202	880679	22.33	ng	99
78) Pyrene	19.351	202	816440	22.72	ng	99
81) Benzo(a)anthracene	21.057	228	479656	12.88	ng	97
83) Chrysene	21.110	228	422214	11.80	ng	97
85) Di-n-octyl phthalate	21.810	149	161476	3.82	ng	# 89
87) Indeno(1,2,3-cd)pyrene	25.515	276	288631	6.14	ng	# 95
88) Benzo(b)fluoranthene	22.616	252	578490	14.78	ng	# 90
89) Benzo(k)fluoranthene	22.616	252	578490	15.42	ng	# 91
90) Benzo(a)pyrene	23.180	252	422406	11.45	ng	95
91) Dibenzo(a,h)anthracene	25.509	278	79038	2.04	ng	# 72
92) Benzo(g,h,i)perylene	26.198	276	285365	7.37	ng	97

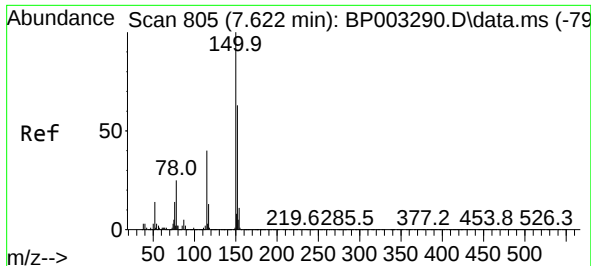
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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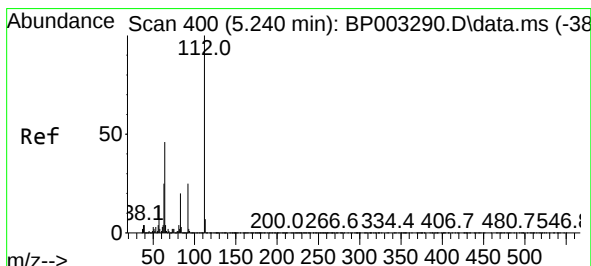
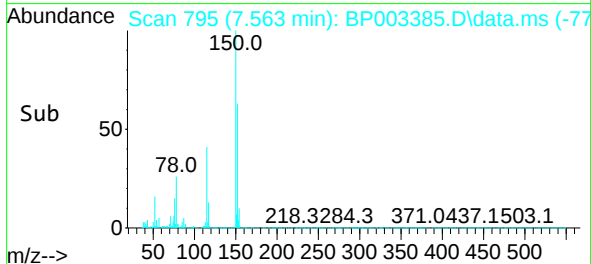
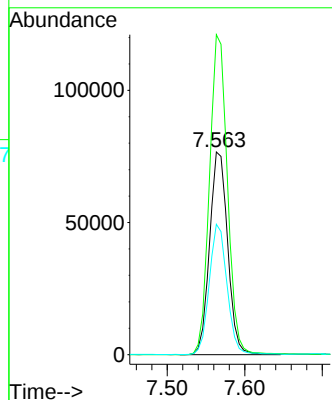
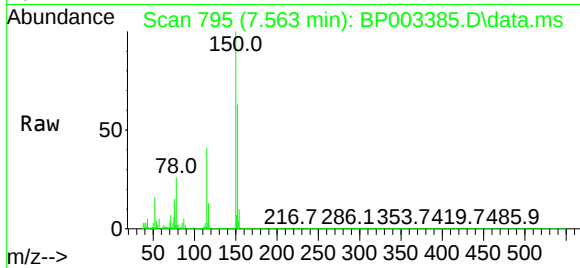




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

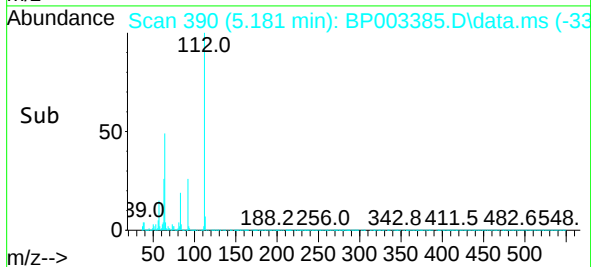
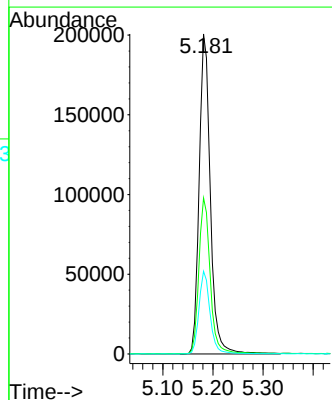
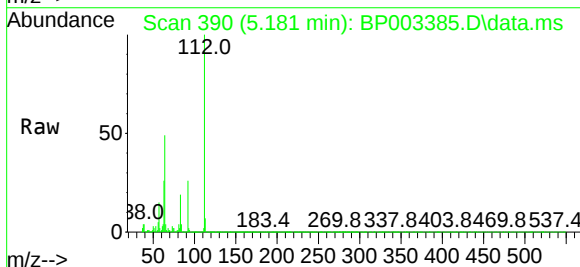
Instrument :
BNA_P
ClientSampleId :
B-2(4-5)

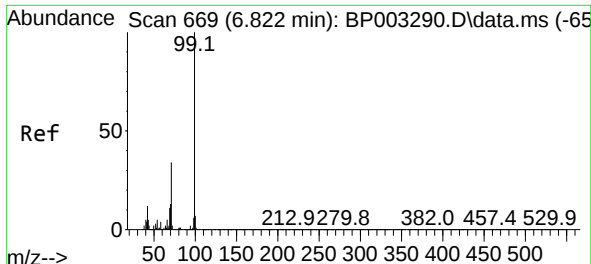
Tgt Ion:152 Resp: 124531
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.6
115 64.4 43.8 65.6



#5
2-Fluorophenol
Concen: 43.41 ng
RT: 5.181 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:112 Resp: 309610
Ion Ratio Lower Upper
112 100
64 48.7 32.8 49.2
63 25.9 17.0 25.4#

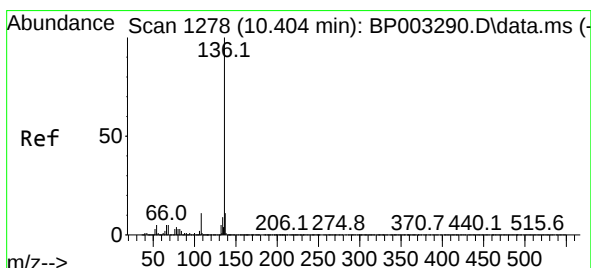
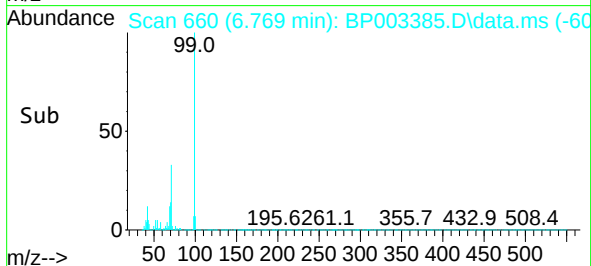
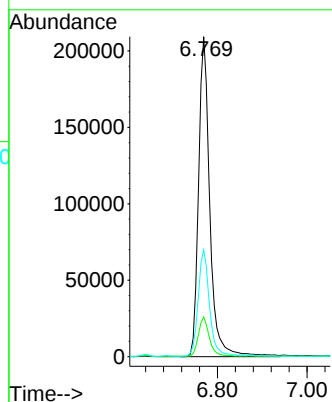
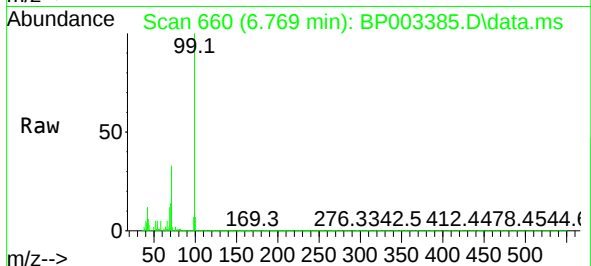




#7
Phenol-d6
Concen: 38.36 ng
RT: 6.769 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

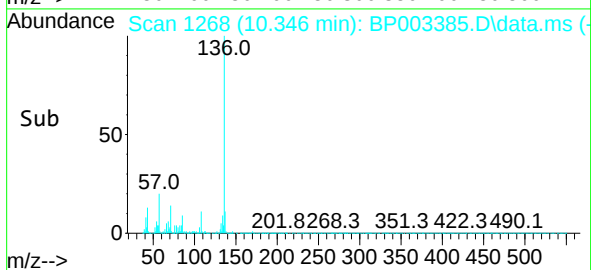
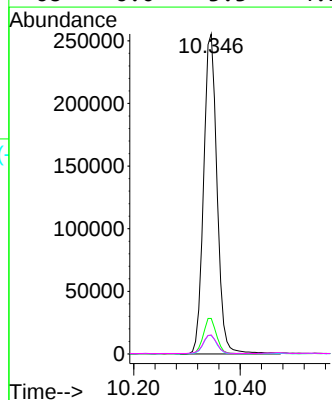
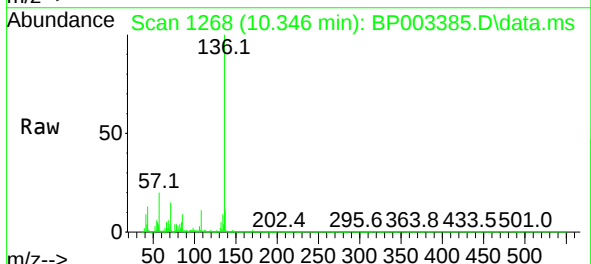
Instrument :
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ClientSampleId :
B-2(4-5)

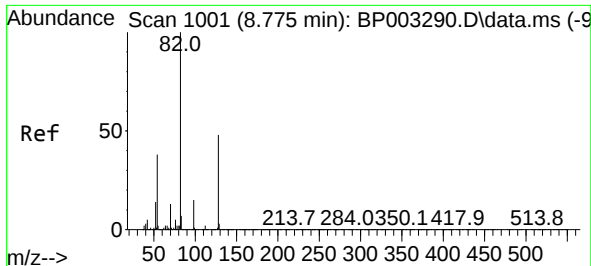
Tgt Ion: 99 Resp: 364631
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 33.4 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion: 136 Resp: 445830
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.7 3.6 5.4#
68 6.0 3.3 4.9#

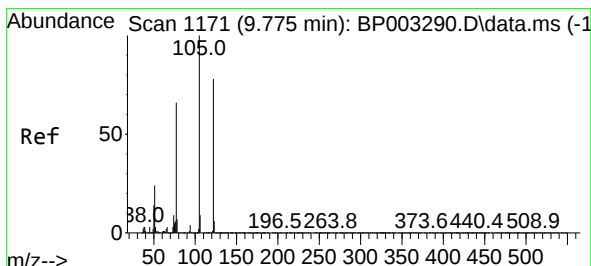
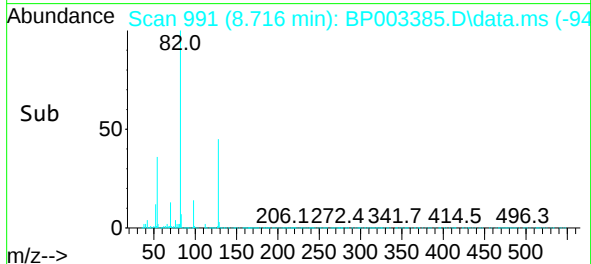
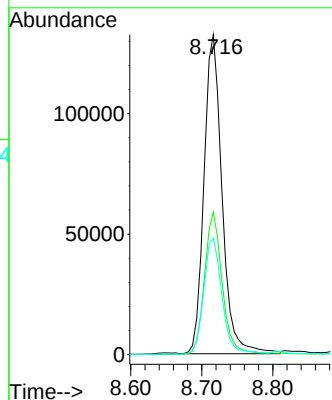
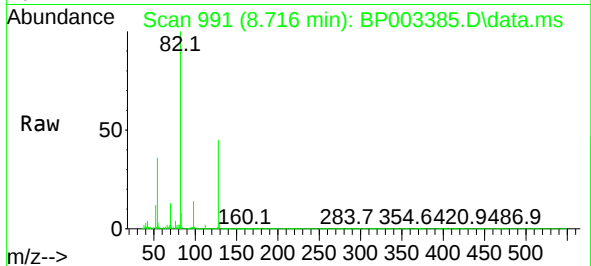




#23
Nitrobenzene-d5
Concen: 30.91 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

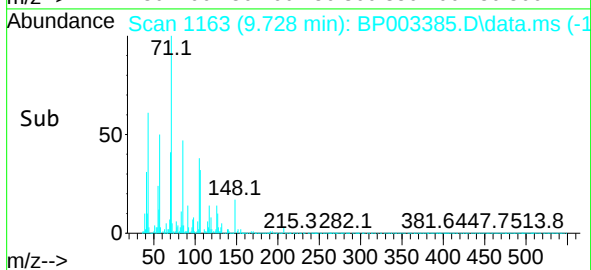
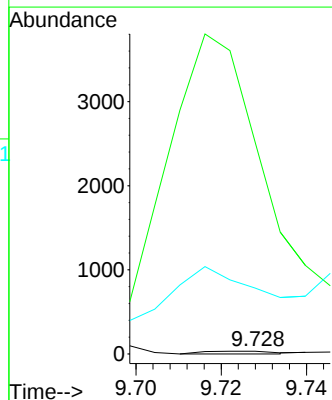
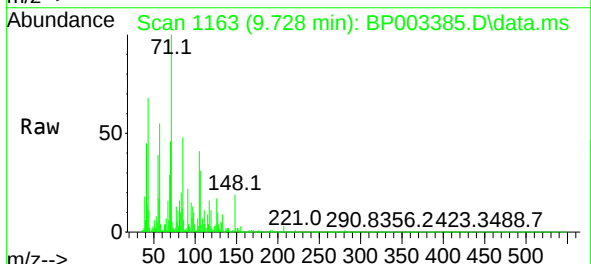
Instrument :
BNA_P
ClientSampleId :
B-2(4-5)

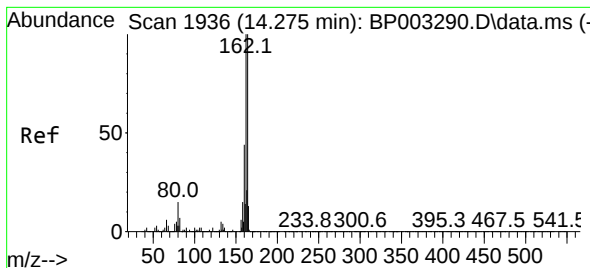
Tgt Ion: 82 Resp: 234581
Ion Ratio Lower Upper
82 100
128 44.5 45.6 68.4#
54 36.4 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.728 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion: 122 Resp: 38
Ion Ratio Lower Upper
122 100
105 7636.4 94.1 134.1#
77 2375.8 50.1 90.1#

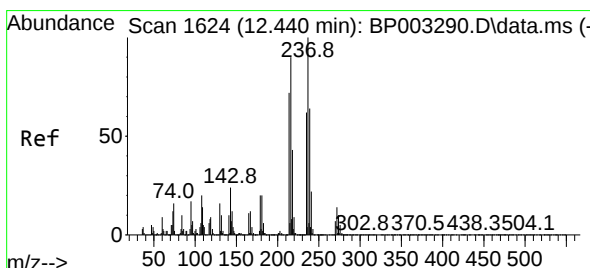
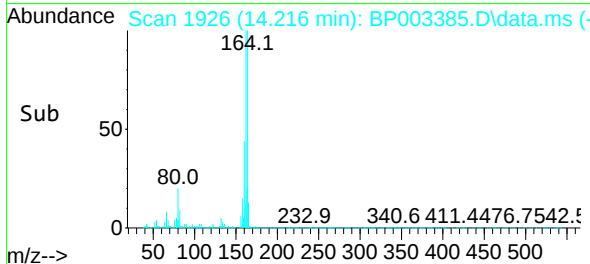
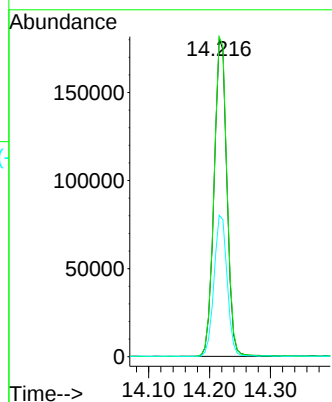
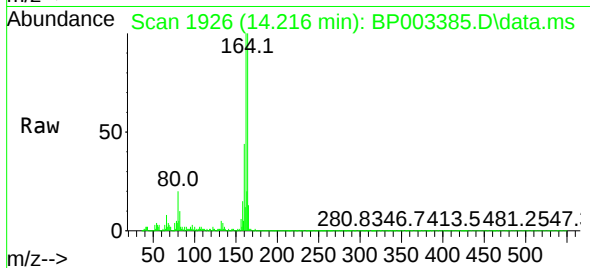




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

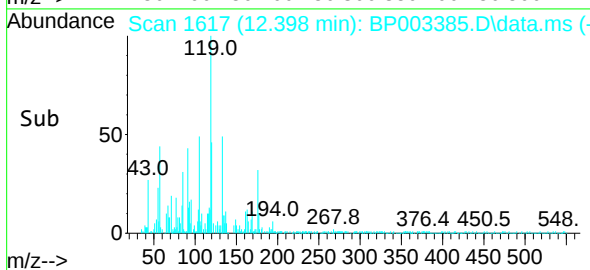
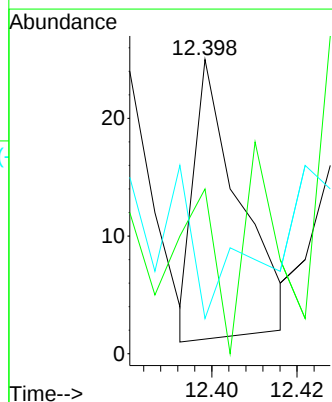
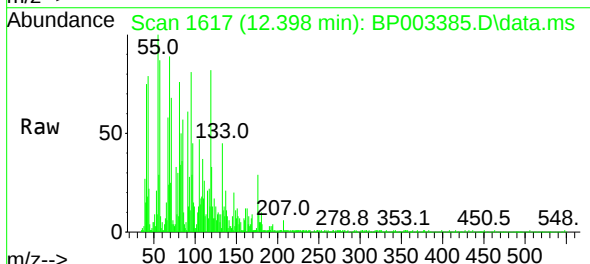
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B-2(4-5)

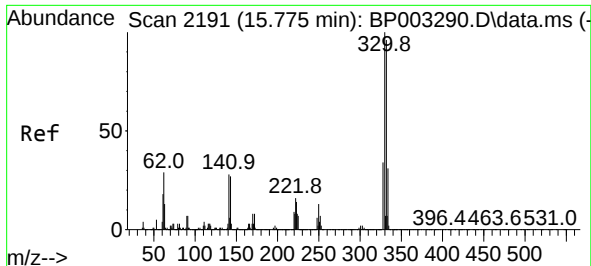
Tgt Ion:164 Resp: 264305
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 44.4 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.398 min Scan# 1617
Delta R.T. 0.018 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 56.0 43.2 83.2
272 12.0 0.0 33.3

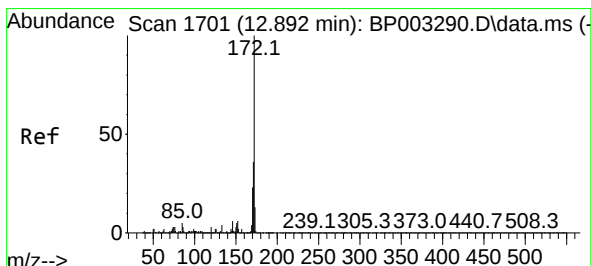
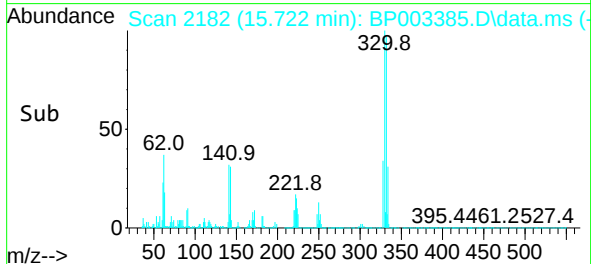
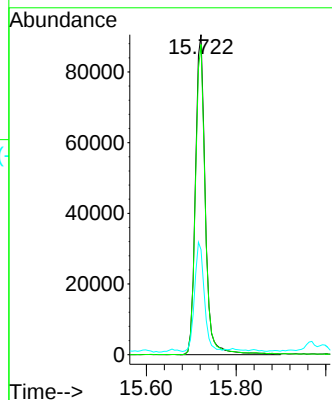
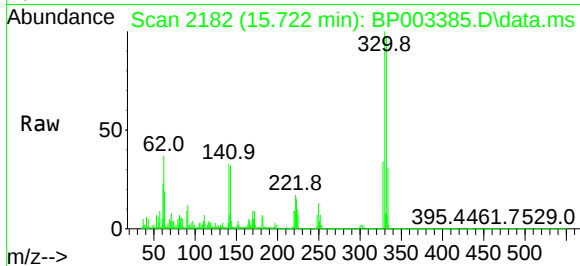




#42
2,4,6-Tribromophenol
Concen: 34.37 ng
RT: 15.722 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

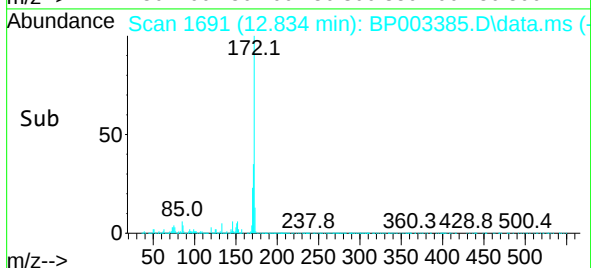
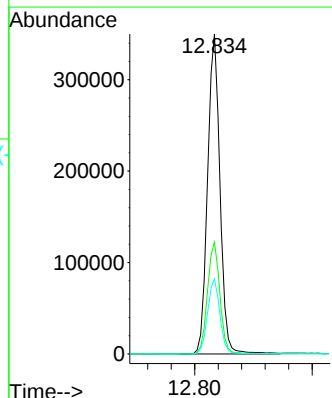
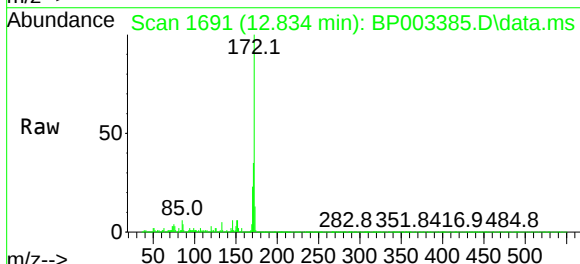
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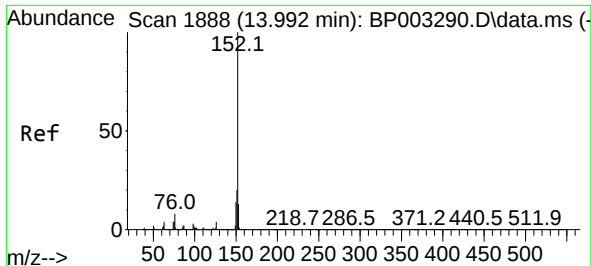
Tgt Ion:330 Resp: 138565
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 33.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 28.43 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:172 Resp: 513734
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.2 28.8

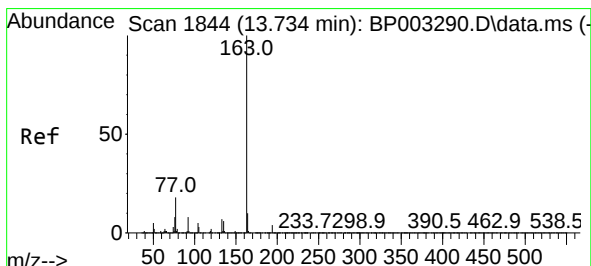
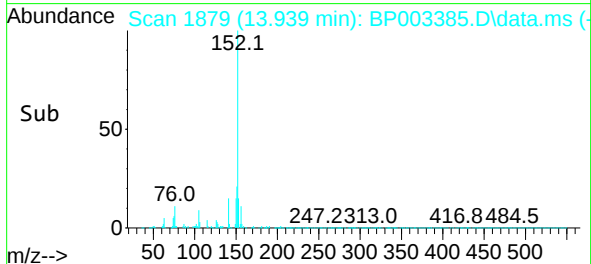
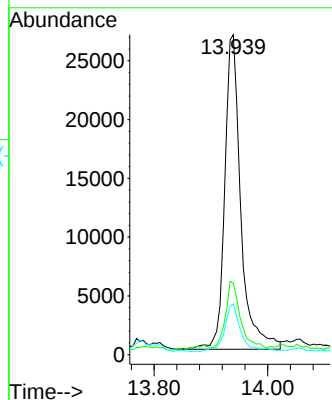
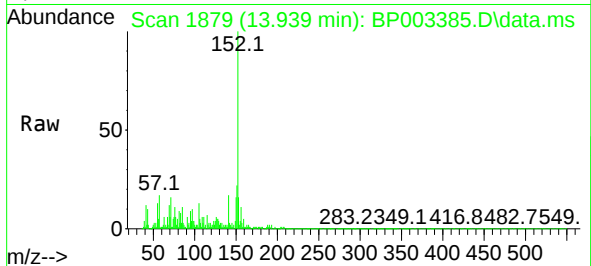




#49
Acenaphthylene
Concen: 2.11 ng
RT: 13.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

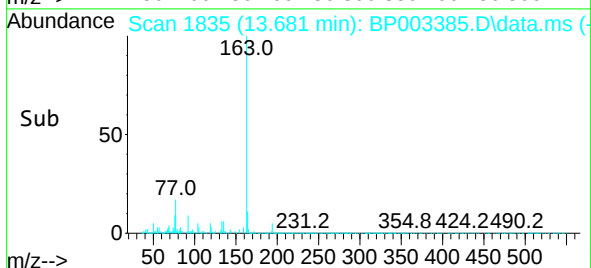
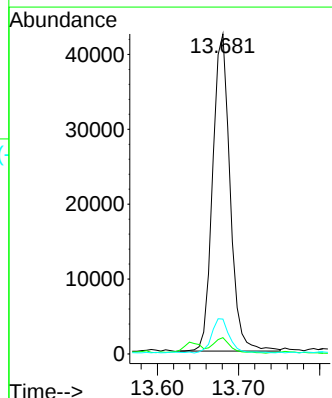
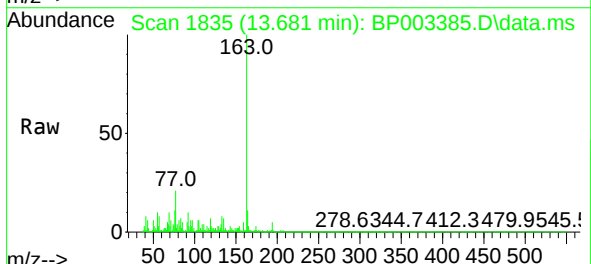
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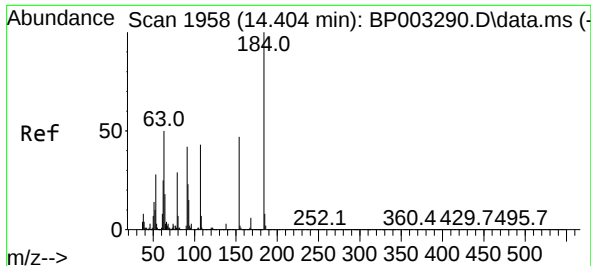
Tgt Ion:152 Resp: 52740
Ion Ratio Lower Upper
152 100
151 22.3 15.9 23.9
153 15.9 10.5 15.7#



#50
Dimethylphthalate
Concen: 2.99 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:163 Resp: 63103
Ion Ratio Lower Upper
163 100
194 5.1 3.3 4.9#
164 10.9 8.2 12.2

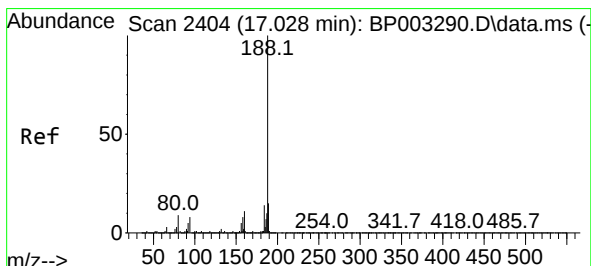
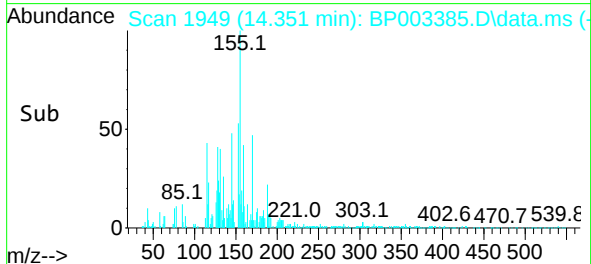
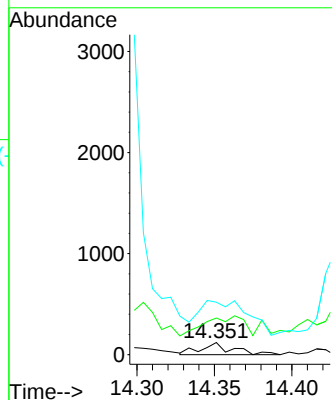
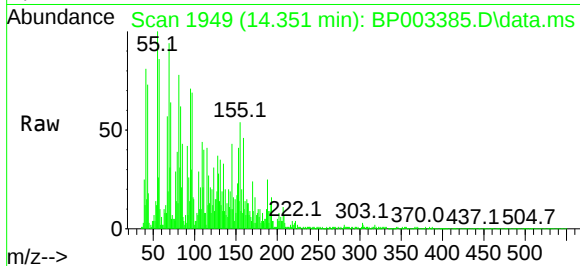




#54
2,4-Dinitrophenol
Concen: 7.32 ng
RT: 14.351 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

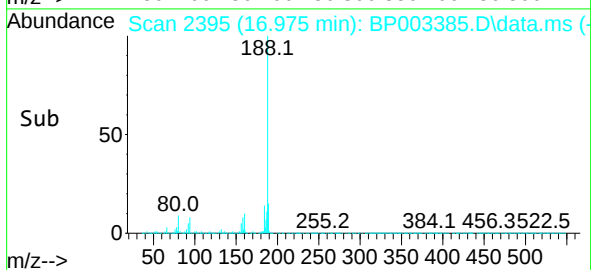
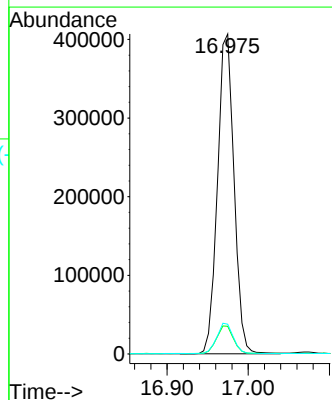
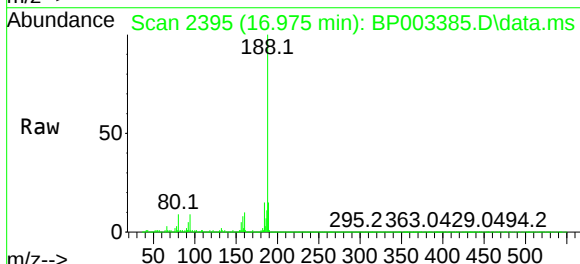
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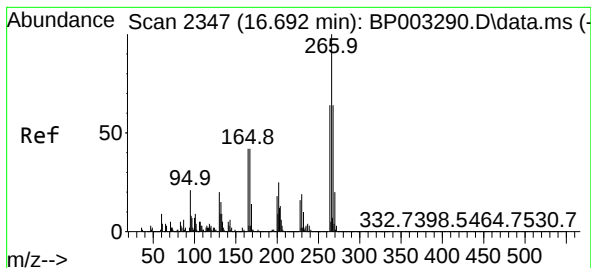
Tgt Ion:184 Resp: 170
Ion Ratio Lower Upper
184 100
63 301.7 32.3 48.5#
154 433.3 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:188 Resp: 576435
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.3 6.2 9.2#

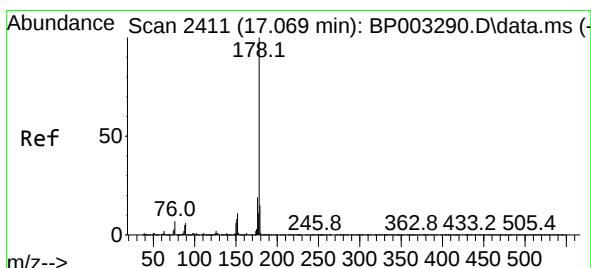
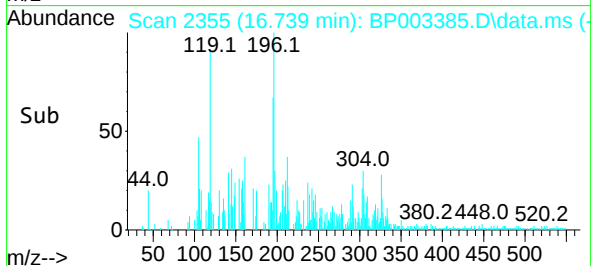
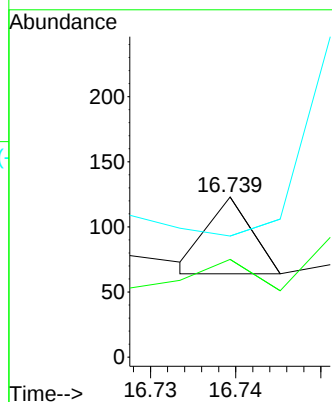
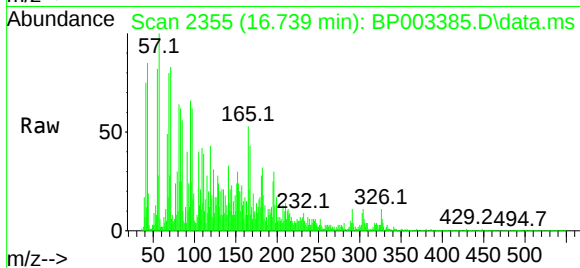




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.739 min Scan# 2355
Delta R.T. 0.100 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

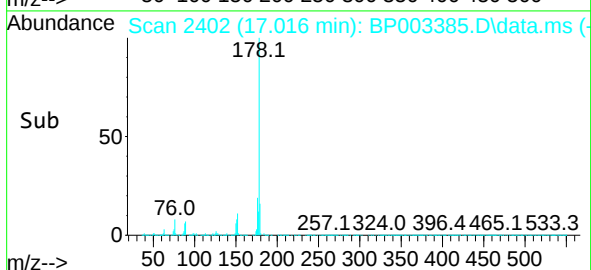
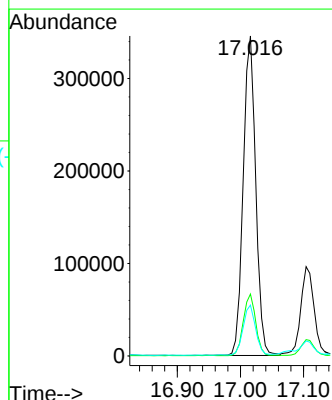
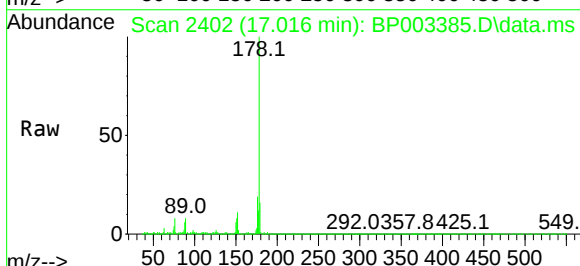
Instrument :
BNA_P
ClientSampleId :
B-2(4-5)

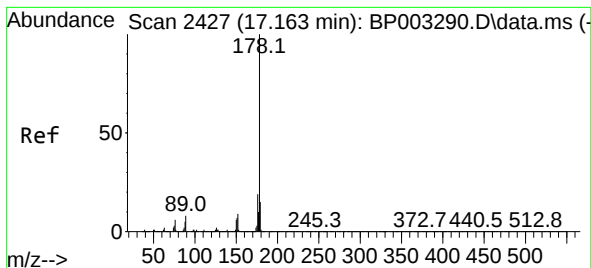
Tgt Ion:266 Resp: 21
Ion Ratio Lower Upper
266 100
268 61.0 51.1 76.7
264 75.6 50.6 76.0



#71
Phenanthrene
Concen: 15.25 ng
RT: 17.016 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:178 Resp: 478158
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.9 12.5 18.7

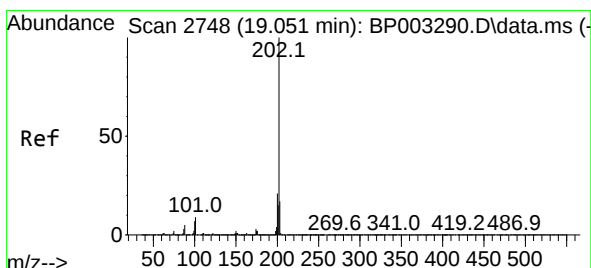
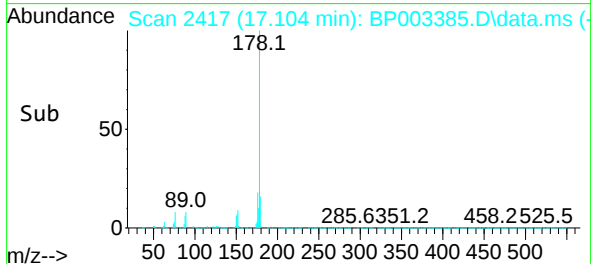
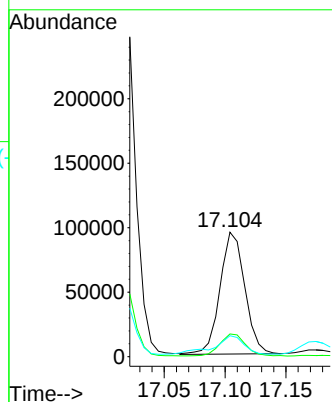
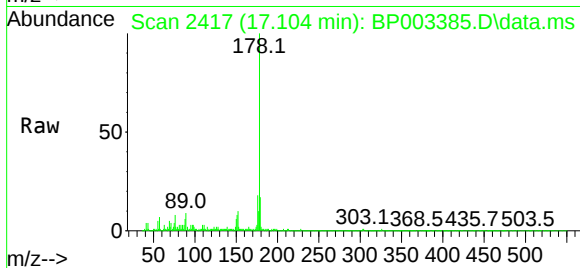




#72
 Anthracene
 Concen: 4.34 ng
 RT: 17.104 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BP003385.D
 Acq: 25 Sep 2020 17:17

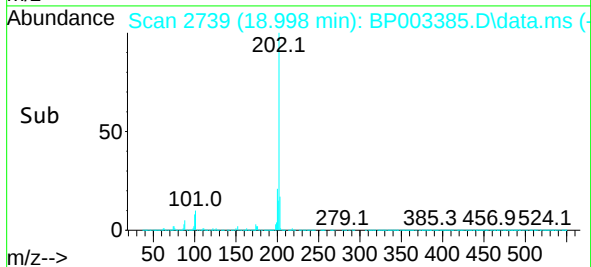
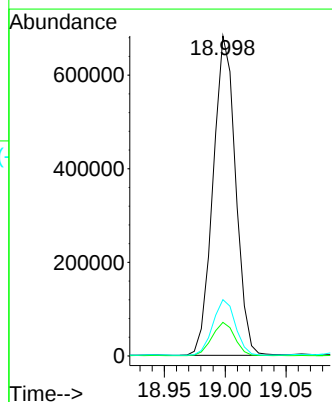
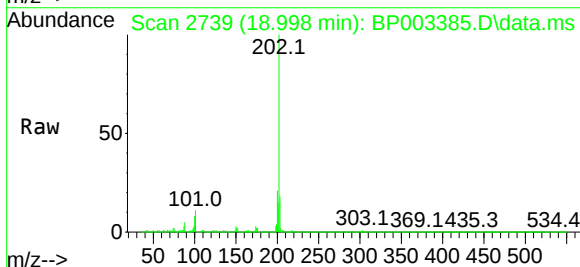
Instrument :
 BNA_P
 ClientSampleId :
 B-2(4-5)

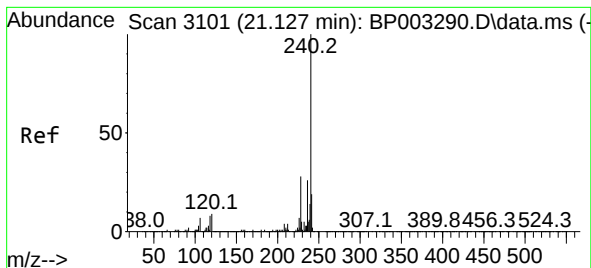
Tgt Ion:178 Resp: 134135
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 16.8 12.5 18.7



#75
 Fluoranthene
 Concen: 22.33 ng
 RT: 18.998 min Scan# 2739
 Delta R.T. -0.000 min
 Lab File: BP003385.D
 Acq: 25 Sep 2020 17:17

Tgt Ion:202 Resp: 880679
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 29.4
 203 17.6 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.074 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BP003385.D

Acq: 25 Sep 2020 17:17

Tgt Ion:240 Resp: 576288

Ion Ratio Lower Upper

240 100

120 9.9 7.8 11.6

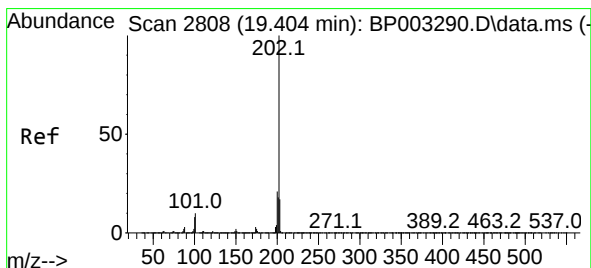
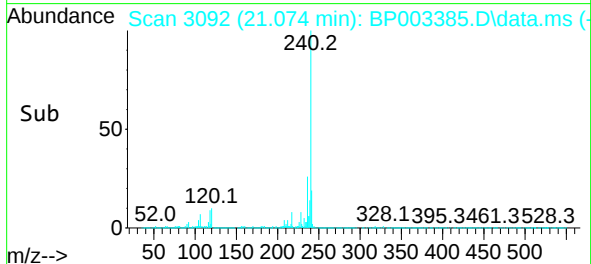
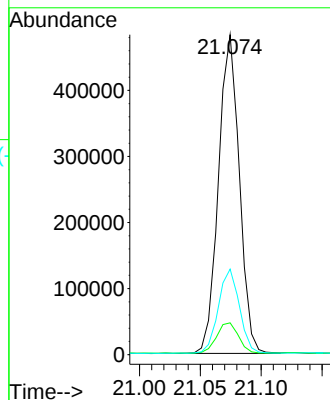
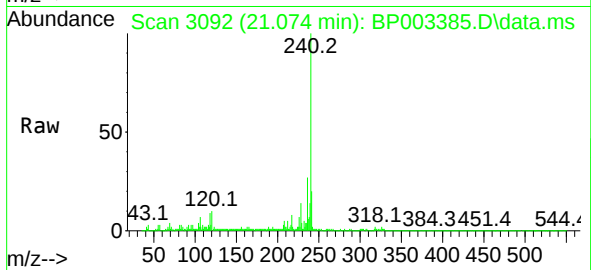
236 26.7 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

B-2(4-5)



#78

Pyrene

Concen: 22.72 ng

RT: 19.351 min Scan# 2799

Delta R.T. 0.000 min

Lab File: BP003385.D

Acq: 25 Sep 2020 17:17

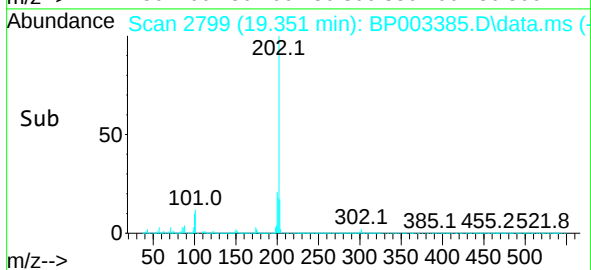
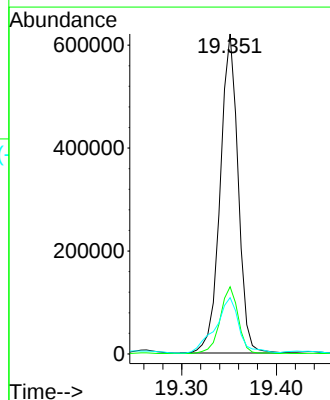
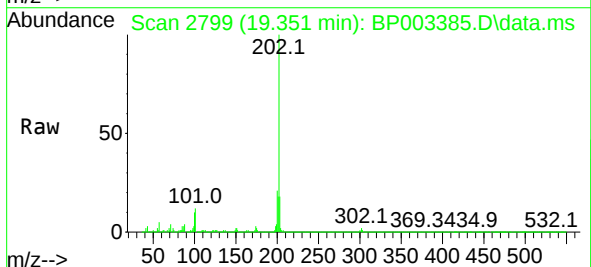
Tgt Ion:202 Resp: 816440

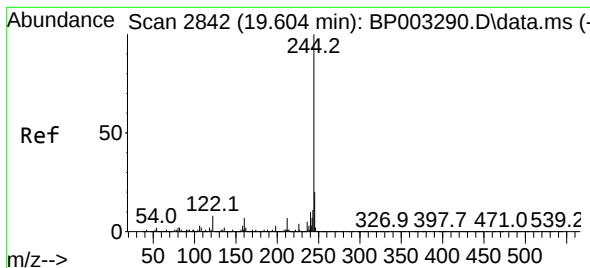
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 28.02 ng

RT: 19.551 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BP003385.D

Acq: 25 Sep 2020 17:17

Instrument :

BNA_P

ClientSampleId :

B-2(4-5)

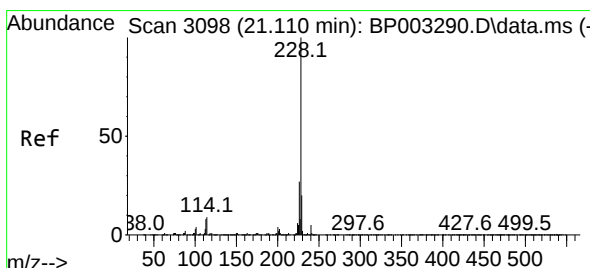
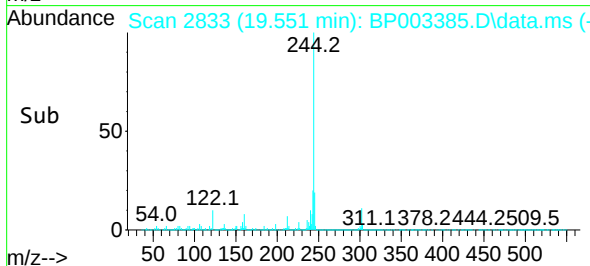
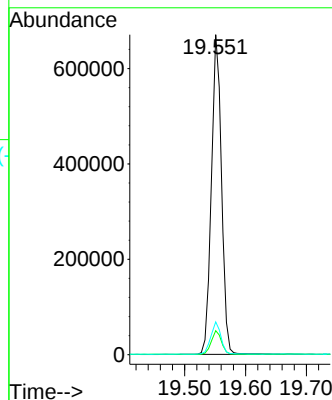
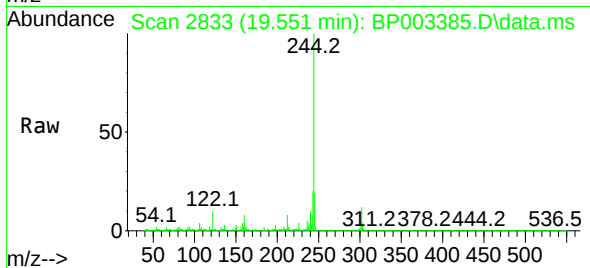
Tgt Ion:244 Resp: 775038

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 10.3 7.8 11.8



#81

Benzo(a)anthracene

Concen: 12.88 ng

RT: 21.057 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BP003385.D

Acq: 25 Sep 2020 17:17

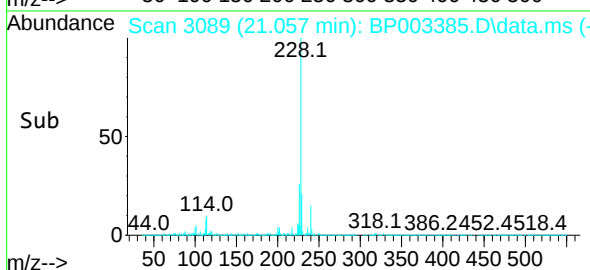
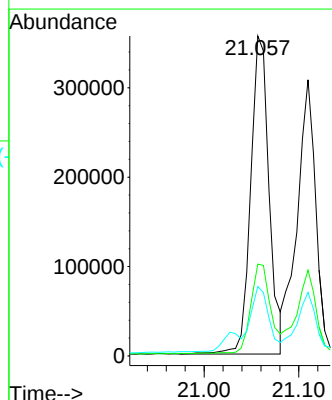
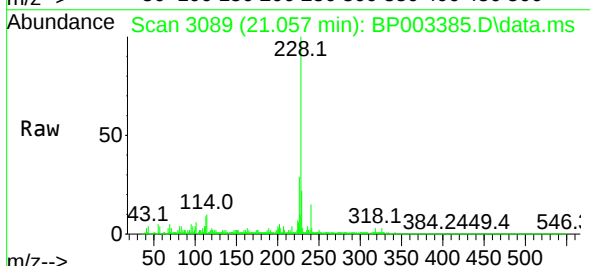
Tgt Ion:228 Resp: 479656

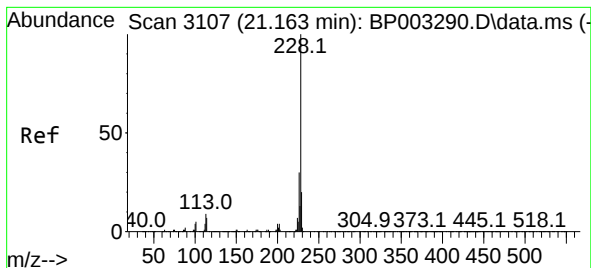
Ion Ratio Lower Upper

228 100

226 28.7 22.1 33.1

229 21.7 15.9 23.9





#83

Chrysene

Concen: 11.80 ng

RT: 21.110 min Scan# 3098

Delta R.T. 0.006 min

Lab File: BP003385.D

Acq: 25 Sep 2020 17:17

Tgt Ion:228 Resp: 422214

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

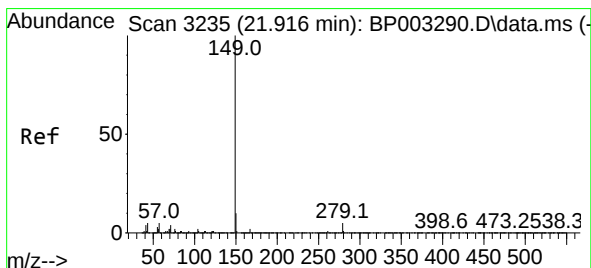
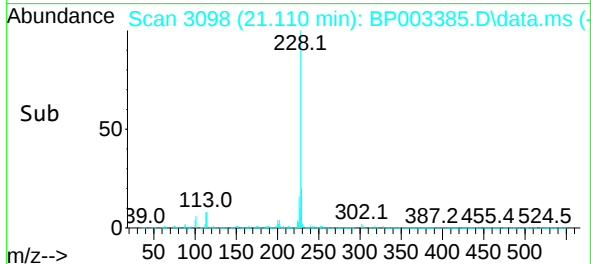
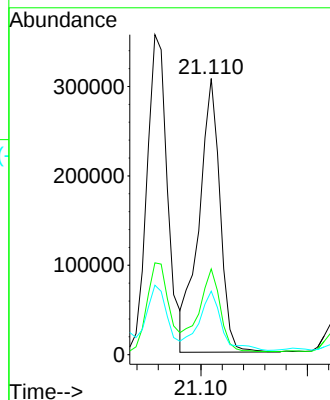
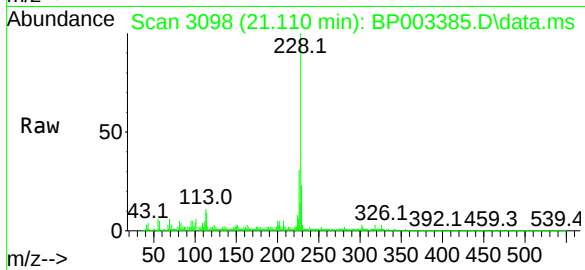
229 23.0 15.8 23.6

Instrument :

BNA_P

ClientSampleId :

B-2(4-5)



#85

Di-n-octyl phthalate

Concen: 3.82 ng

RT: 21.810 min Scan# 3217

Delta R.T. -0.041 min

Lab File: BP003385.D

Acq: 25 Sep 2020 17:17

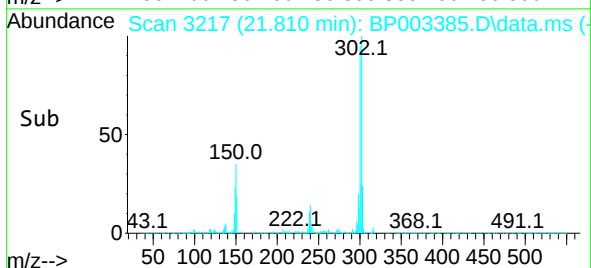
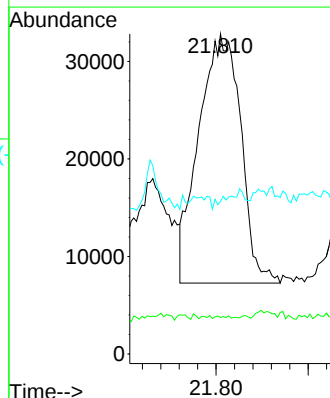
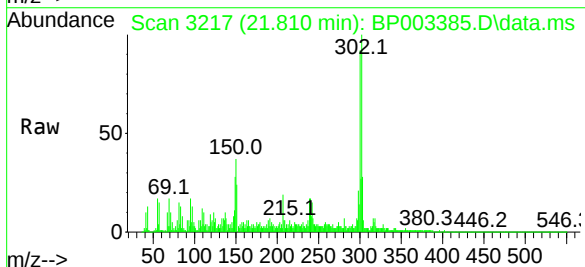
Tgt Ion:149 Resp: 161476

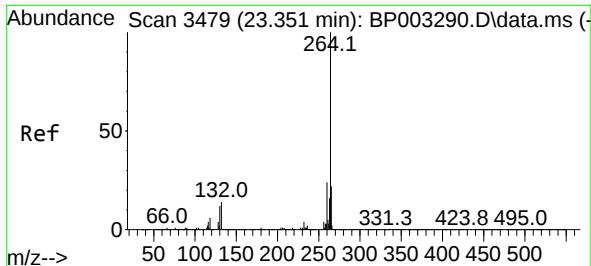
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 3.7 5.5#

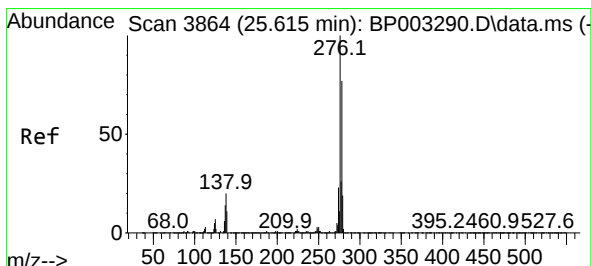
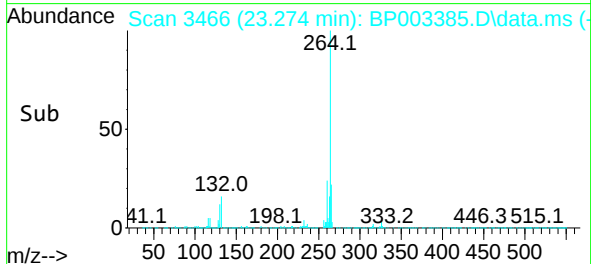
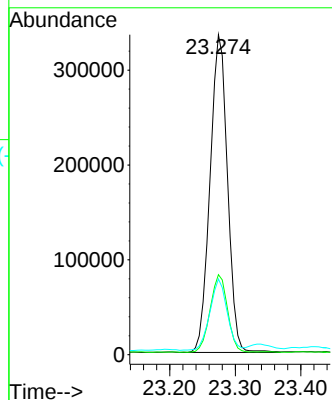
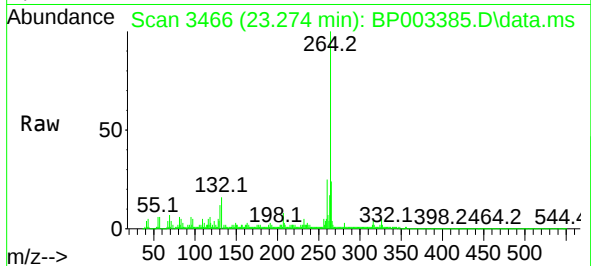




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.274 min Scan# 3466
Delta R.T. 0.012 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

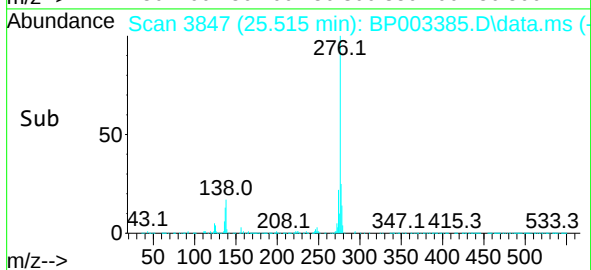
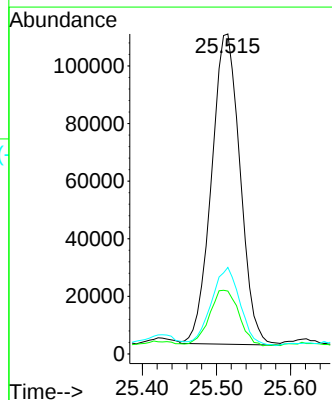
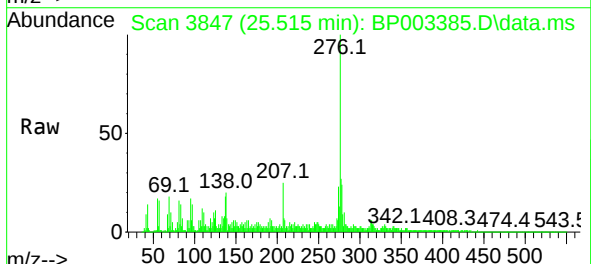
Instrument :
BNA_P
ClientSampleId :
B-2(4-5)

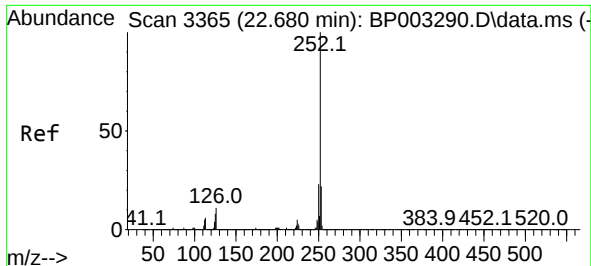
Tgt Ion:264 Resp: 619805
Ion Ratio Lower Upper
264 100
260 25.0 18.8 28.2
265 23.7 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.14 ng
RT: 25.515 min Scan# 3847
Delta R.T. 0.024 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:276 Resp: 288631
Ion Ratio Lower Upper
276 100
138 18.5 18.7 28.1#
277 25.4 20.4 30.6

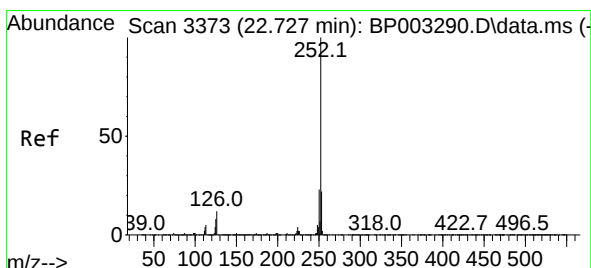
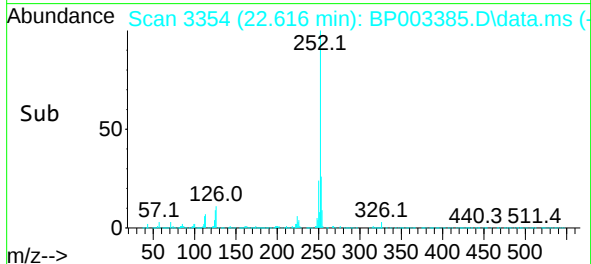
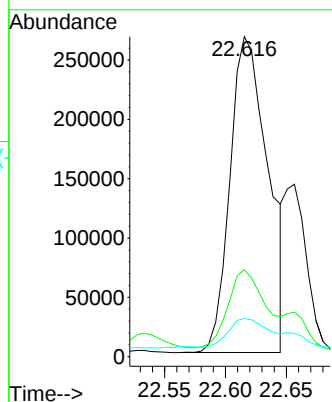
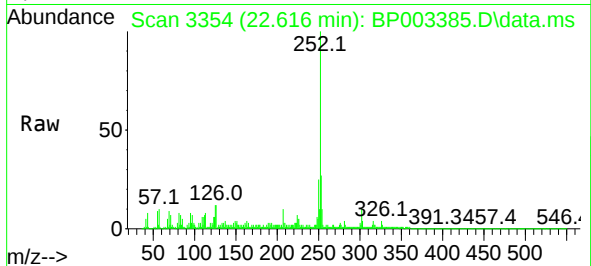




#88
Benzo(b)fluoranthene
Concen: 14.78 ng
RT: 22.616 min Scan# 3354
Delta R.T. 0.012 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

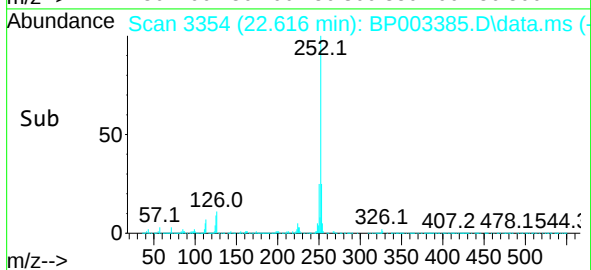
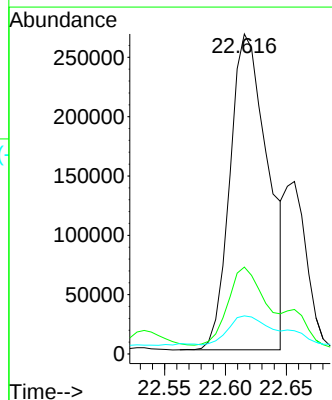
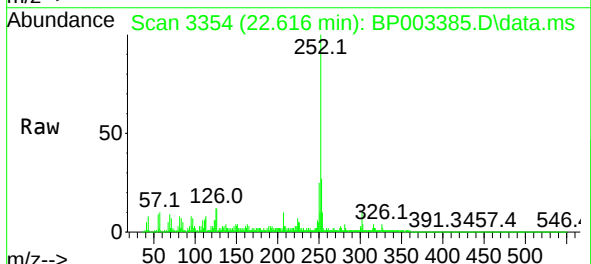
Instrument :
BNA_P
ClientSampled :
B-2(4-5)

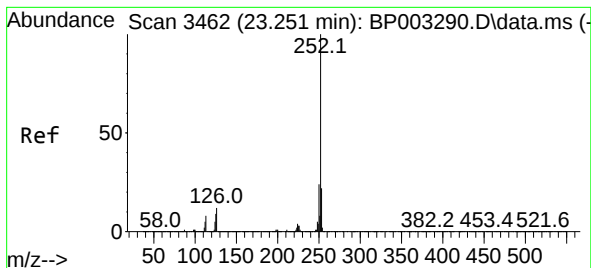
Tgt Ion:252 Resp: 578490
Ion Ratio Lower Upper
252 100
253 27.1 17.6 26.4#
125 11.9 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 15.42 ng
RT: 22.616 min Scan# 3354
Delta R.T. -0.035 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:252 Resp: 578490
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.8#
125 11.9 7.4 11.2#

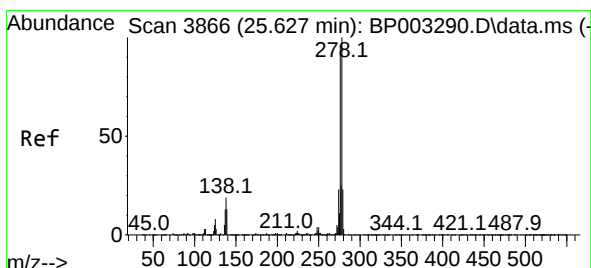
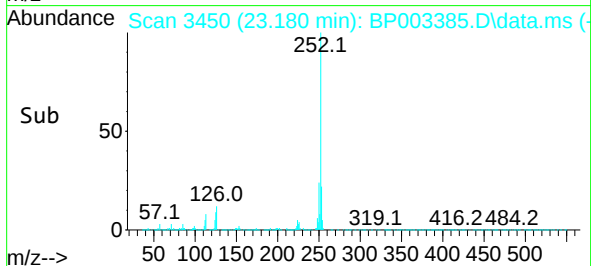
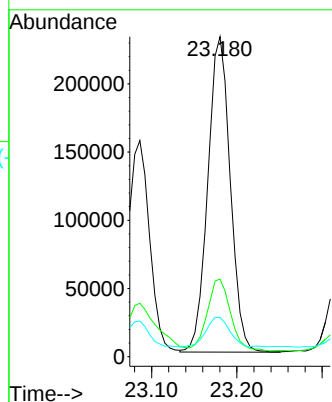
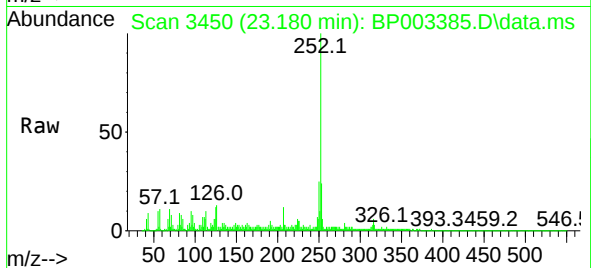




#90
Benzo(a)pyrene
Concen: 11.45 ng
RT: 23.180 min Scan# 3450
Delta R.T. 0.012 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

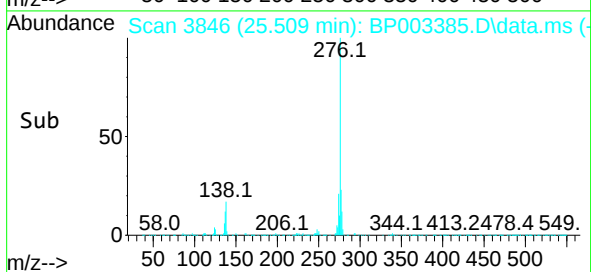
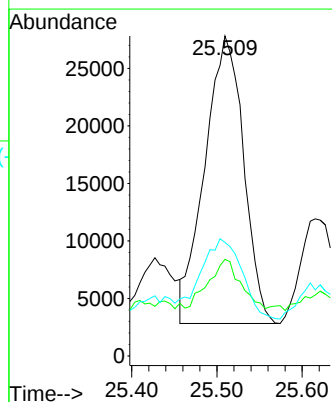
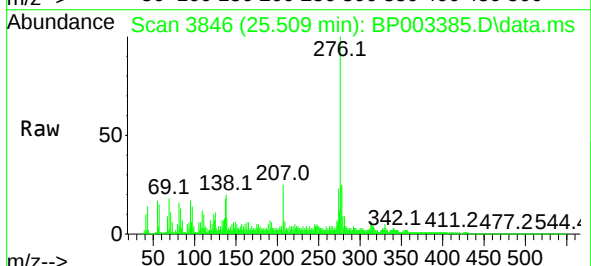
Instrument :
BNA_P
ClientSampleId :
B-2(4-5)

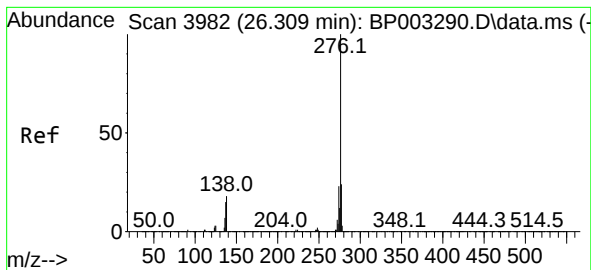
Tgt Ion:252 Resp: 422406
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 12.2 8.2 12.4



#91
Dibenzo(a,h)anthracene
Concen: 2.04 ng
RT: 25.509 min Scan# 3846
Delta R.T. 0.012 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:278 Resp: 79038
Ion Ratio Lower Upper
278 100
139 30.2 12.4 18.6#
279 35.5 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 7.37 ng

RT: 26.198 min Scan# 3963

Delta R.T. 0.035 min

Lab File: BP003385.D

Acq: 25 Sep 2020 17:17

Instrument :

BNA_P

ClientSampleId :

B-2(4-5)

Tgt Ion:276 Resp: 285365

Ion Ratio Lower Upper

276 100

277 26.0 19.0 28.6

138 21.0 16.6 24.8

