

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010721\
 Data File : BP004488.D
 Acq On : 07 Jan 2021 19:46
 Operator : CG/JU
 Sample : M1036-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R-LA-2-6-WC

Quant Time: Jan 08 00:07:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 07 14:50:44 2021
 Response via : Initial Calibration

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

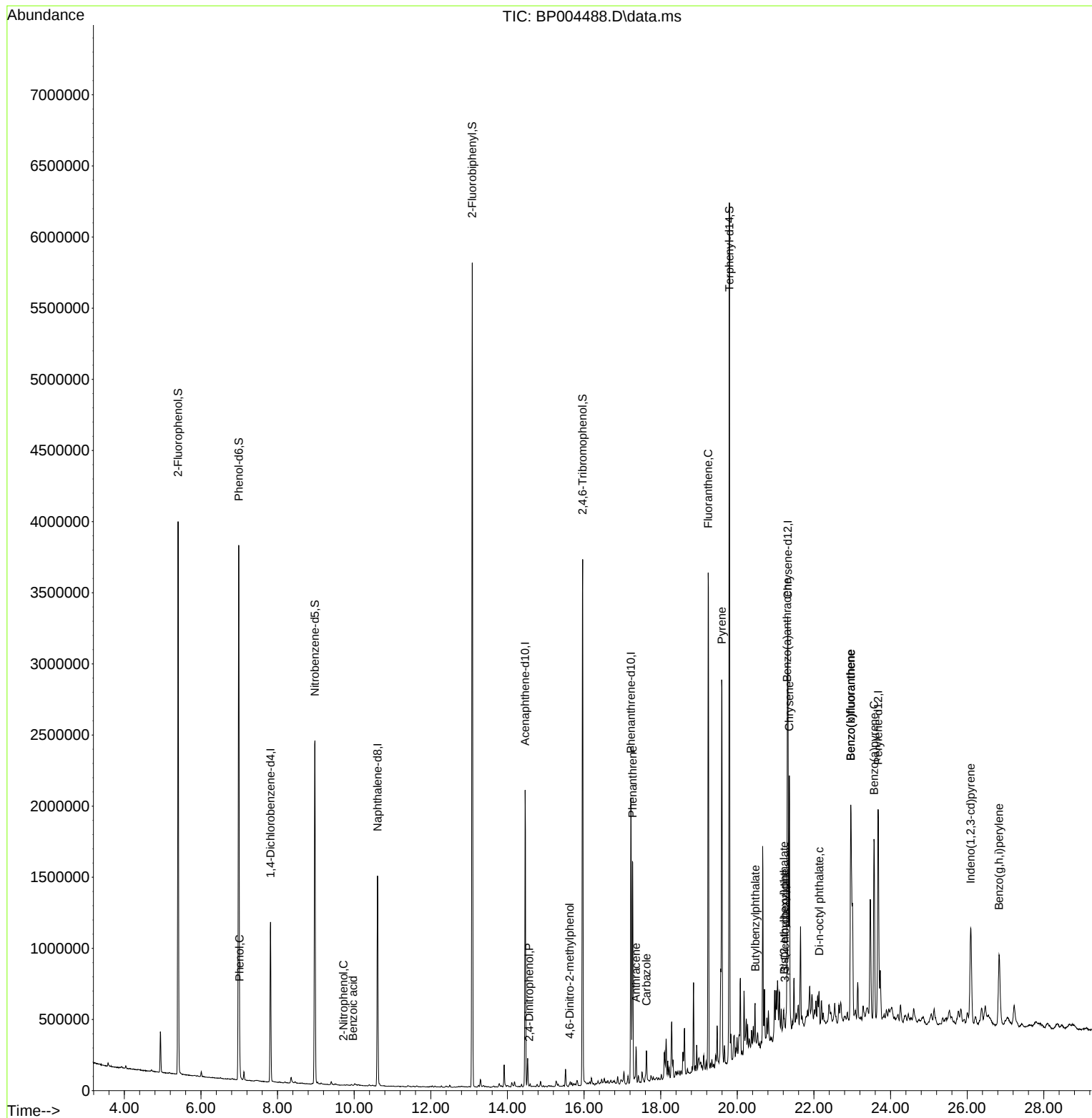
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	333019	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	1276209	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	696667	20.00	ng	0.00
64) Phenanthrene-d10	17.221	188	1239681	20.00	ng	# 0.00
76) Chrysene-d12	21.321	240	1036391	20.00	ng	0.00
86) Perylene-d12	23.674	264	1177291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1794243	88.29	ng	0.00
7) Phenol-d6	6.987	99	2387747	83.45	ng	0.00
23) Nitrobenzene-d5	8.975	82	1518204	56.55	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	765619	82.36	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	3136525	57.06	ng	0.00
79) Terphenyl-d14	19.792	244	2617504	48.40	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.010	94	72257	2.56	ng	83
26) 2-Nitrophenol	9.716	139	95	2.65	ng	# 1
32) Benzoic acid	9.969	122	157	7.27	ng	# 1
54) 2,4-Dinitrophenol	14.569	184	6	5.28	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.627	198	28	4.17	ng	# 1
71) Phenanthrene	17.268	178	1018943	13.67	ng	100
72) Anthracene	17.357	178	158771	2.26	ng	100
73) Carbazole	17.627	167	137750	2.11	ng	98
75) Fluoranthene	19.239	202	2165459	25.29	ng	99
78) Pyrene	19.598	202	1780195	25.20	ng	100
80) Butylbenzylphthalate	20.468	149	5495	3.75	ng	# 61
81) Benzo(a)anthracene	21.303	228	1007864	14.16	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	211	3.14	ng	# 65
83) Chrysene	21.356	228	1042604	15.21	ng	98
84) Bis(2-ethylhexyl)phtha...	21.227	149	25559	3.99	ng	# 95
85) Di-n-octyl phthalate	22.139	149	3428	4.54	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.091	276	719444	7.99	ng	94
88) Benzo(b)fluoranthene	22.962	252	2015583	25.98	ng	99
89) Benzo(k)fluoranthene	22.962	252	2015583	26.17	ng	99
90) Benzo(a)pyrene	23.568	252	1012734	14.32	ng	97
92) Benzo(g,h,i)perylene	26.833	276	674634	9.34	ng	98

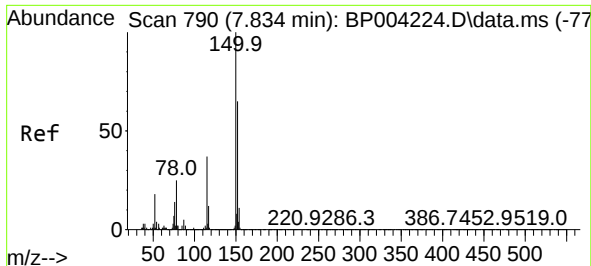
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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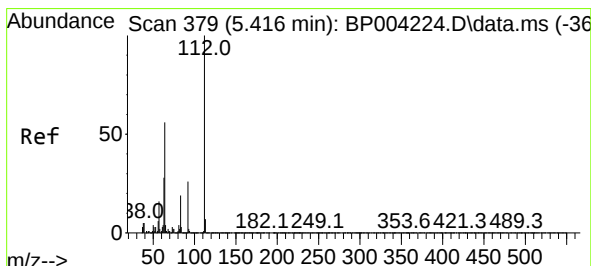
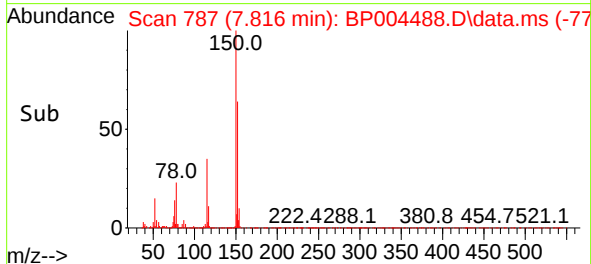
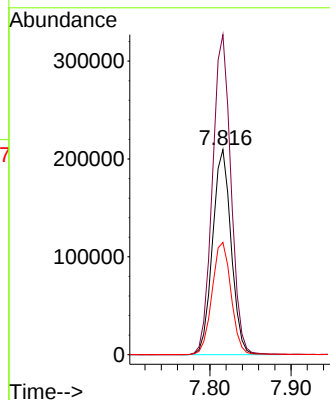
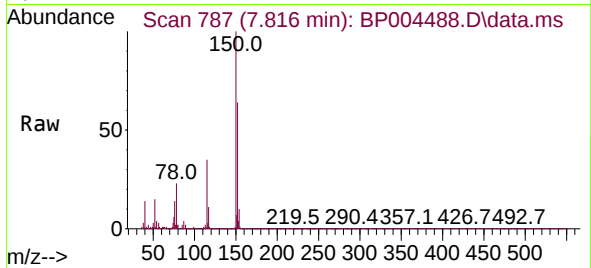




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 787
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

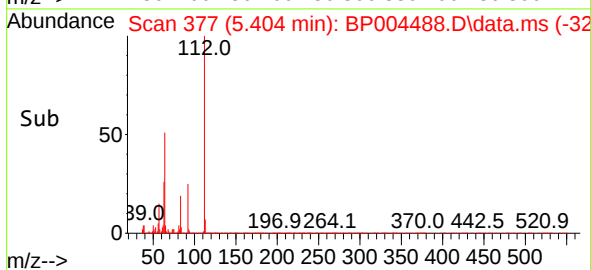
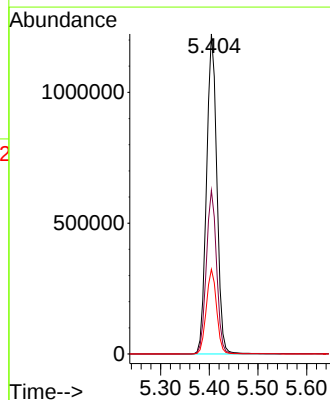
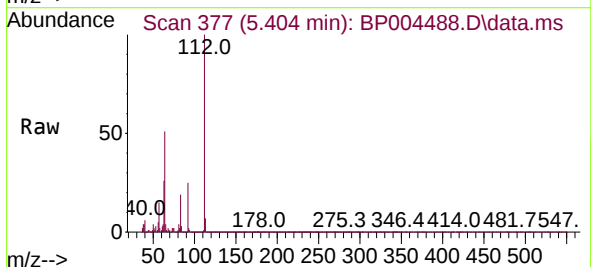
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

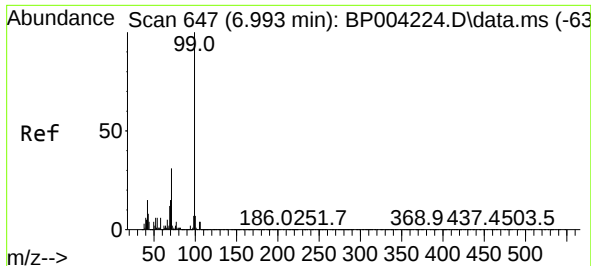
Tgt Ion:152 Resp: 333019
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.6
115 54.7 43.8 65.6



#5
2-Fluorophenol
Concen: 88.29 ng
RT: 5.404 min Scan# 377
Delta R.T. 0.005 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:112 Resp: 1794243
Ion Ratio Lower Upper
112 100
64 51.1 32.8 49.2#
63 26.4 17.0 25.4#

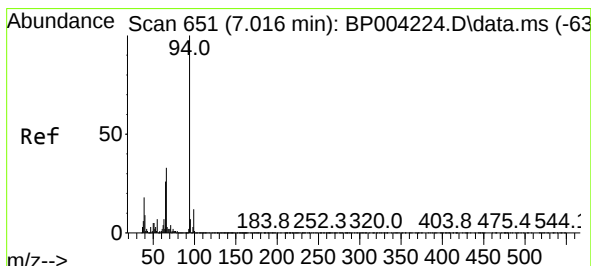
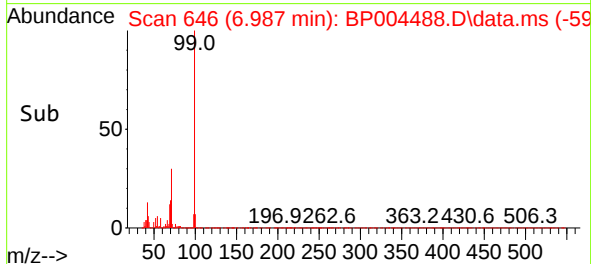
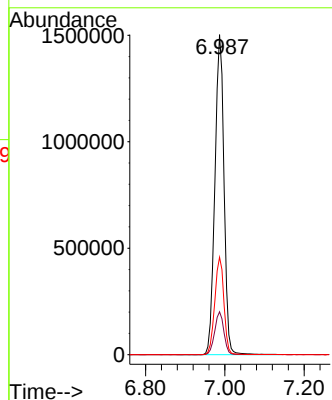
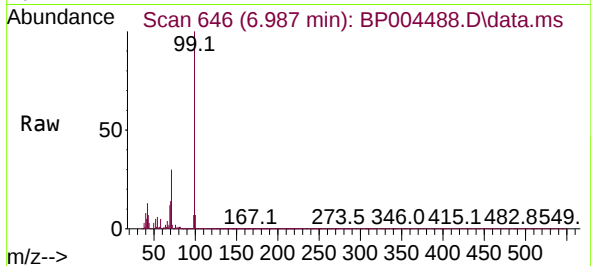




#7
Phenol-d6
Concen: 83.45 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

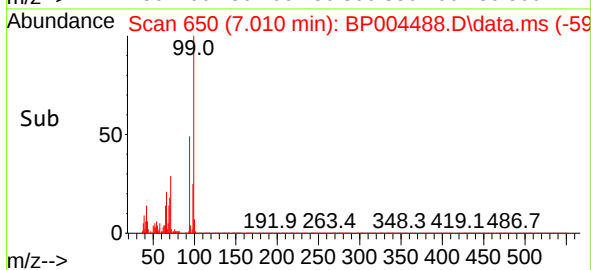
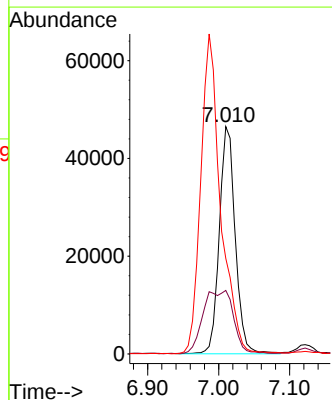
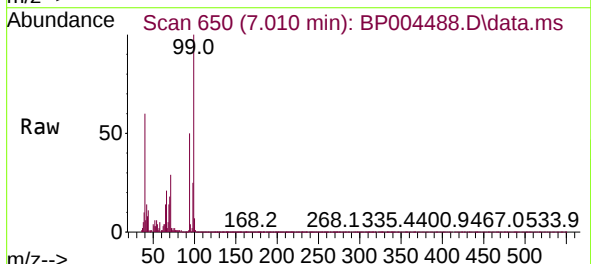
Instrument :
BNA_P
ClientSampleId :
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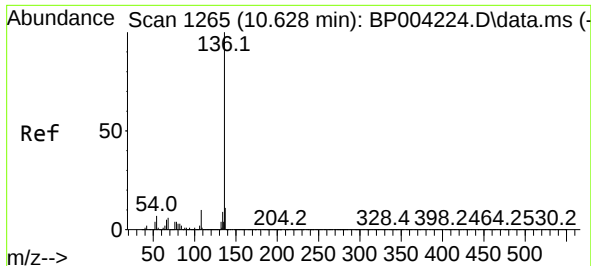
Tgt Ion: 99 Resp: 2387747
Ion Ratio Lower Upper
99 100
42 13.4 8.6 13.0#
71 30.5 23.4 35.2



#10
Phenol
Concen: 2.56 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion: 94 Resp: 72257
Ion Ratio Lower Upper
94 100
65 27.9 2.3 42.3
66 42.0 10.9 50.9



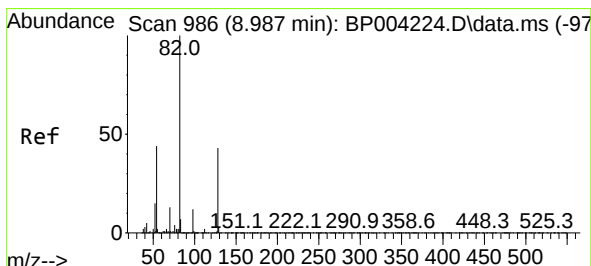
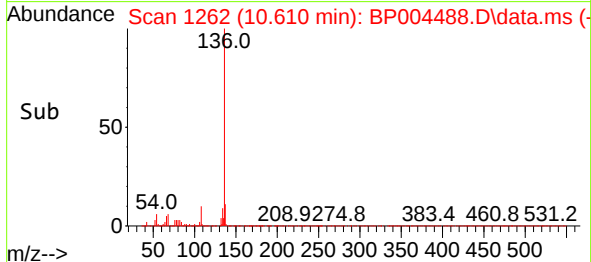
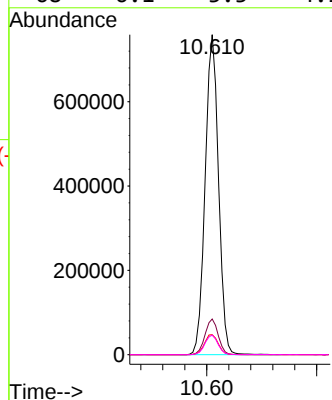
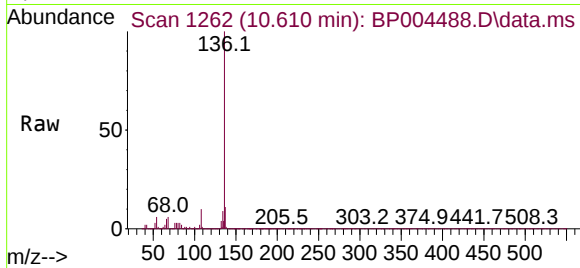


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

Tgt Ion:136 Resp: 1276209

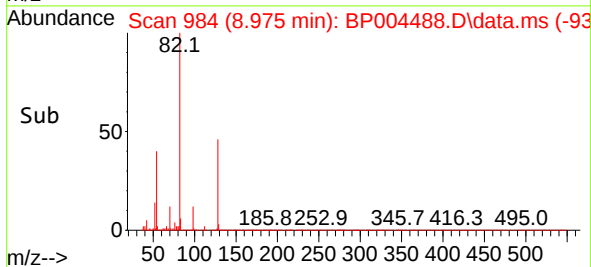
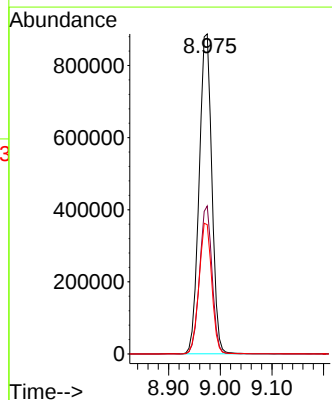
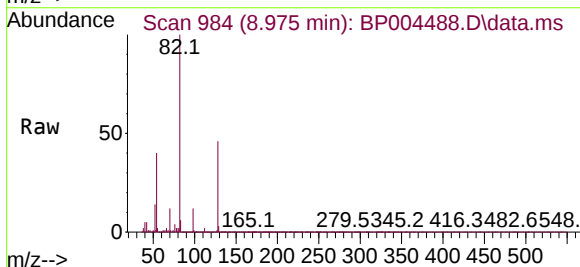
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.3	3.6	5.4#
68	6.1	3.3	4.9#

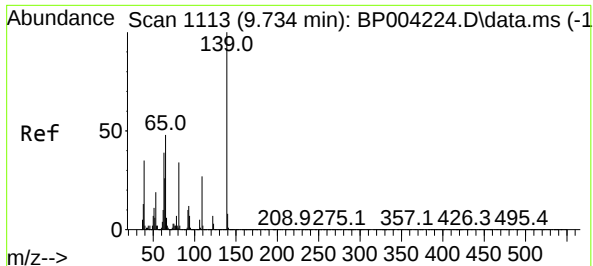


#23
Nitrobenzene-d5
Concen: 56.55 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP004488.D
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Tgt Ion: 82 Resp: 1518204

Ion	Ratio	Lower	Upper
82	100		
128	46.3	45.6	68.4
54	40.4	30.1	45.1

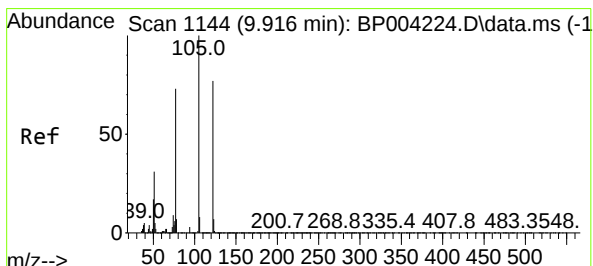
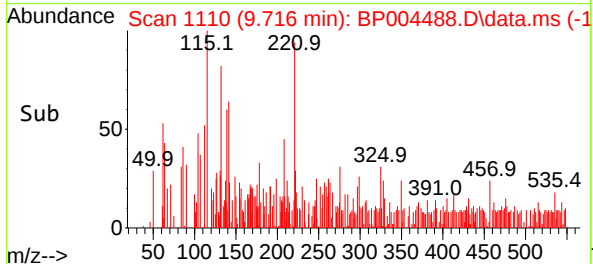
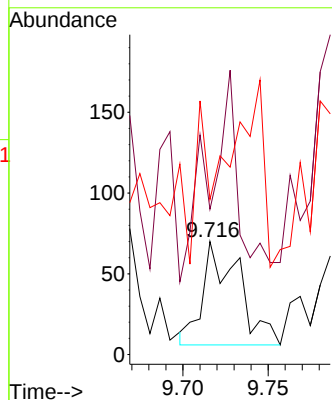
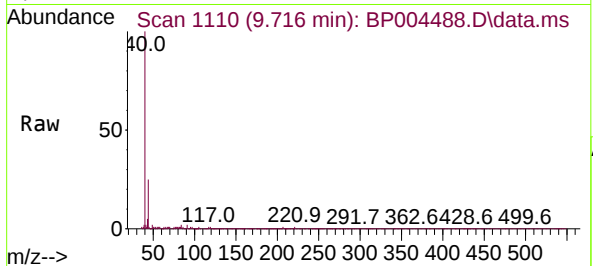




#26
2-Nitrophenol
Concen: 2.65 ng
RT: 9.716 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

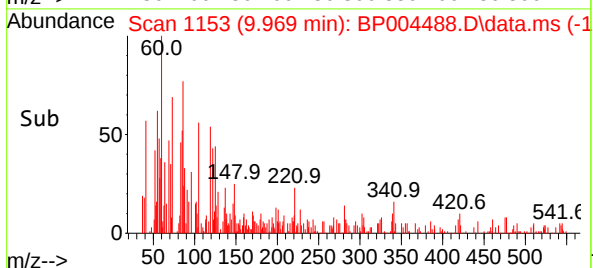
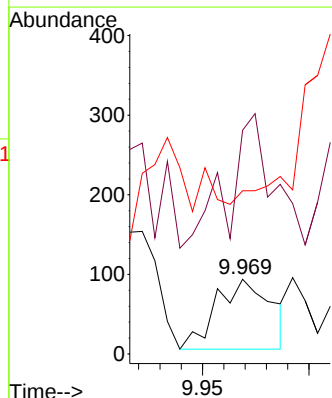
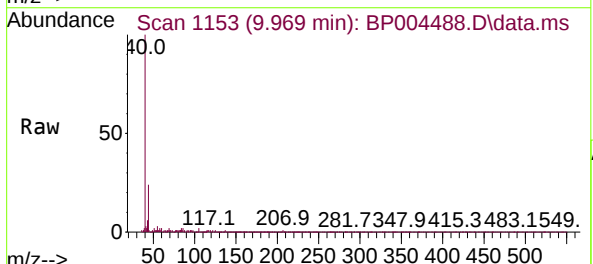
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

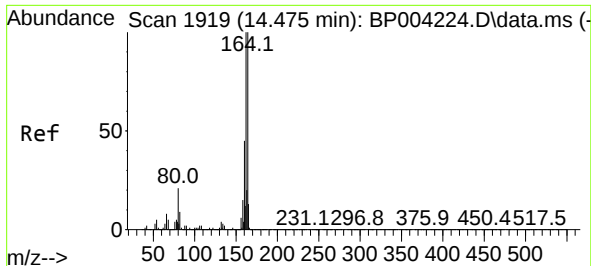
Tgt Ion:139 Resp: 95
Ion Ratio Lower Upper
139 100
109 128.6 22.1 33.1#
65 137.1 26.5 39.7#



#32
Benzoic acid
Concen: 7.27 ng
RT: 9.969 min Scan# 1153
Delta R.T. 0.041 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:122 Resp: 157
Ion Ratio Lower Upper
122 100
105 298.9 94.1 134.1#
77 218.1 50.1 90.1#

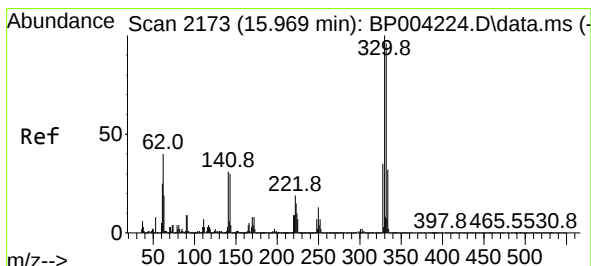
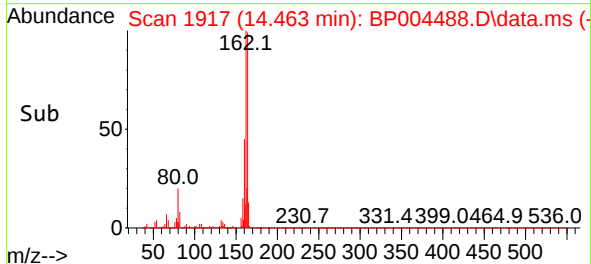
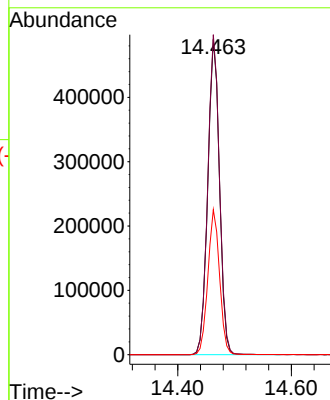
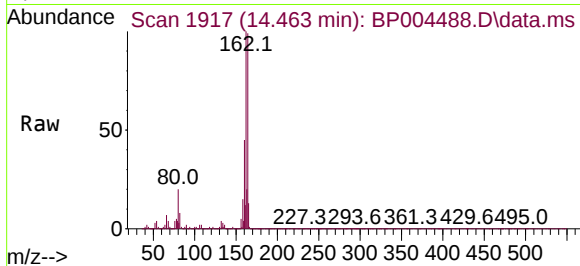




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

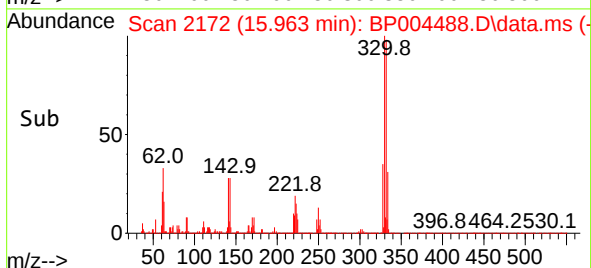
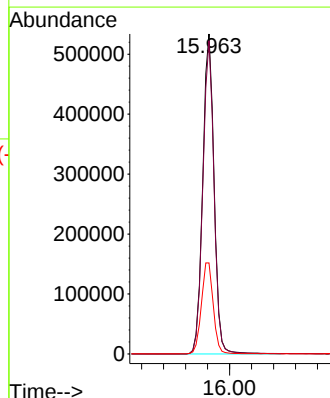
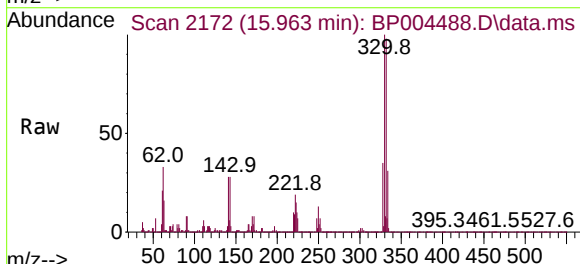
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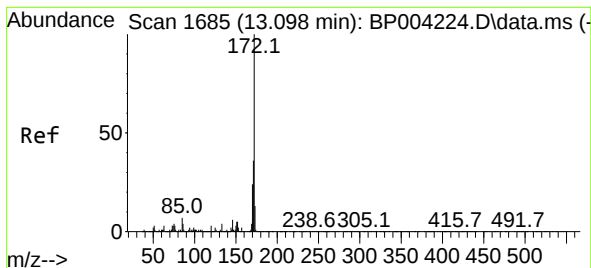
Tgt Ion:164 Resp: 696667
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 46.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 82.36 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:330 Resp: 765619
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 29.9 23.4 35.2

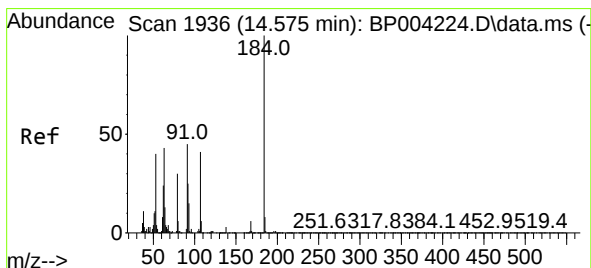
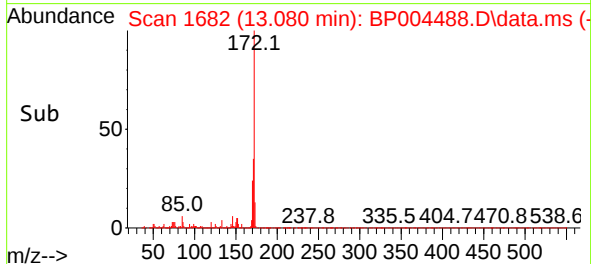
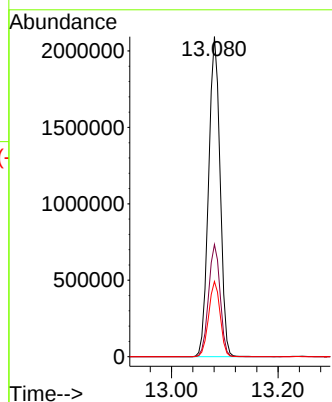
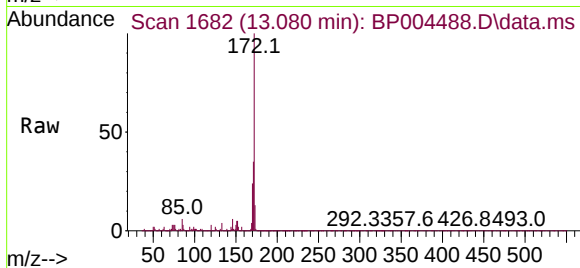




#45
2-Fluorobiphenyl
Concen: 57.06 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

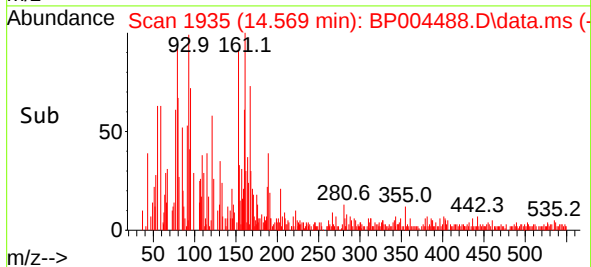
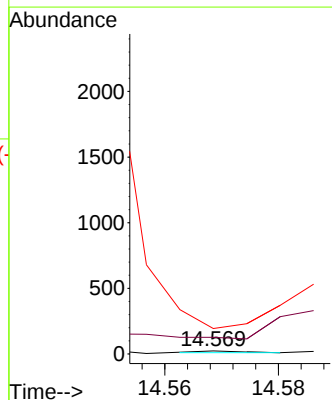
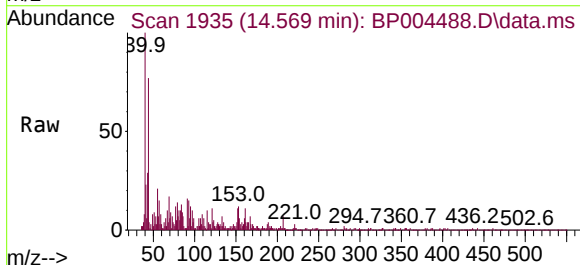
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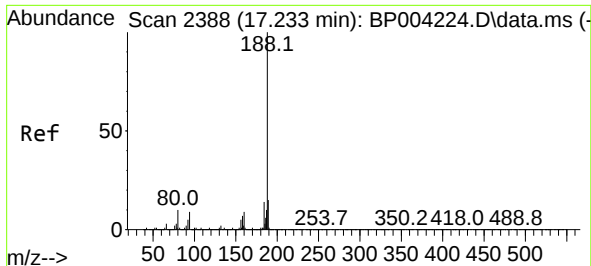
Tgt Ion:172 Resp: 3136525
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 5.28 ng
RT: 14.569 min Scan# 1935
Delta R.T. -0.018 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 552.2 32.3 48.5#
154 843.5 49.1 73.7#

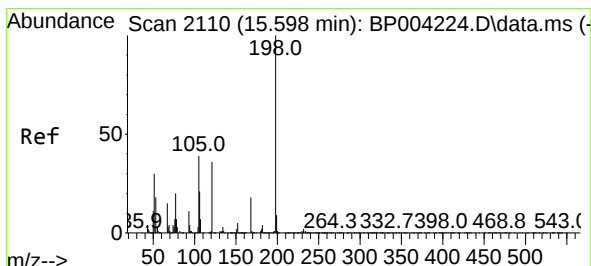
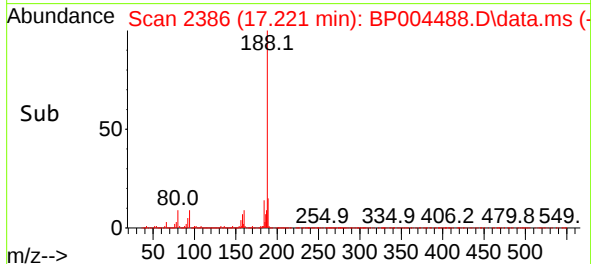
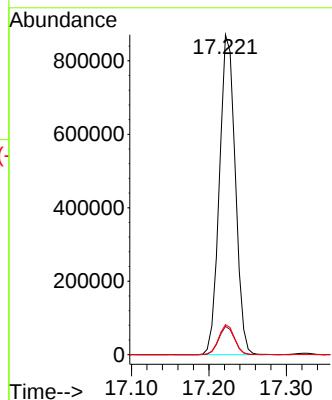
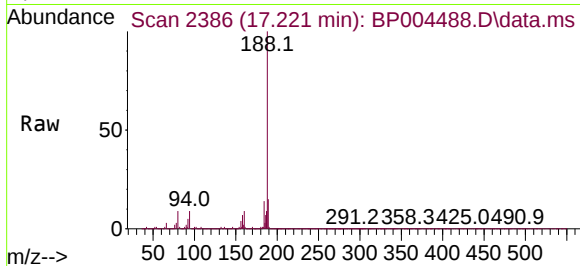




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

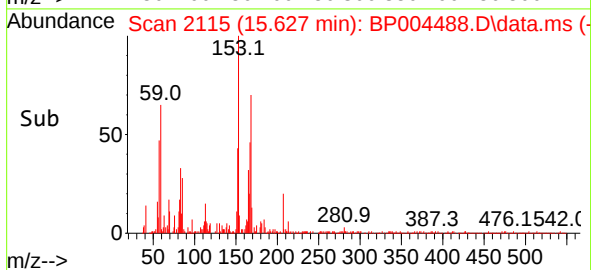
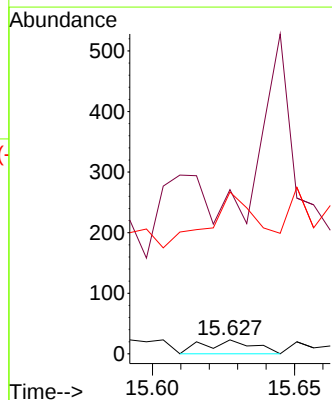
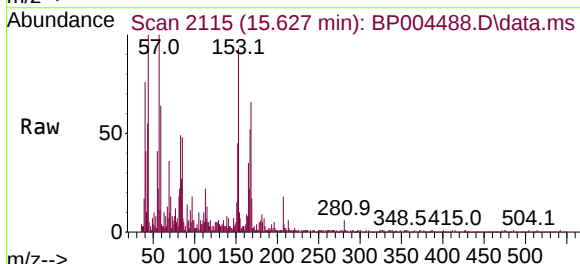
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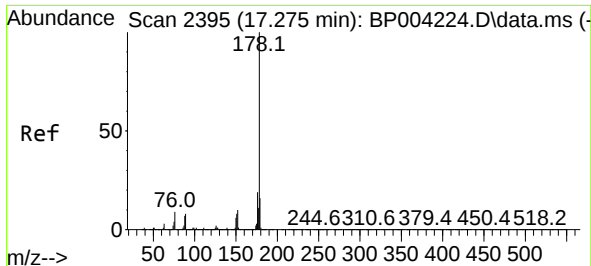
Tgt Ion:188 Resp: 1239681
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.4 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.17 ng
RT: 15.627 min Scan# 2115
Delta R.T. 0.017 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 1178.3 6.4 46.4#
105 1160.9 18.9 58.9#

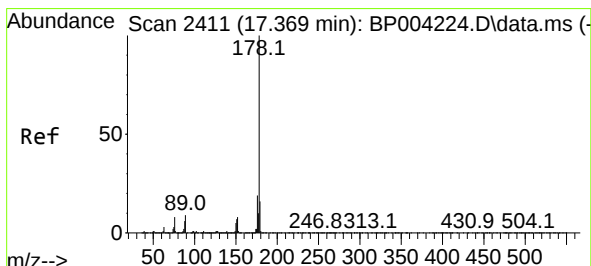
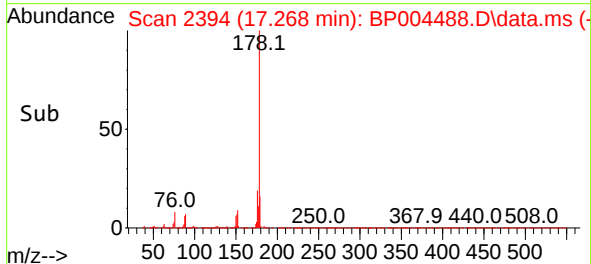
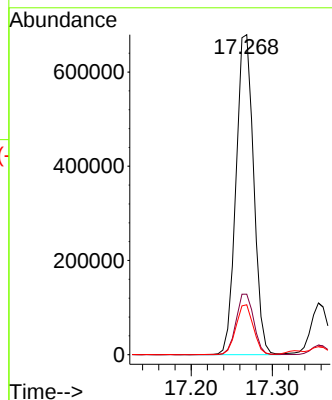
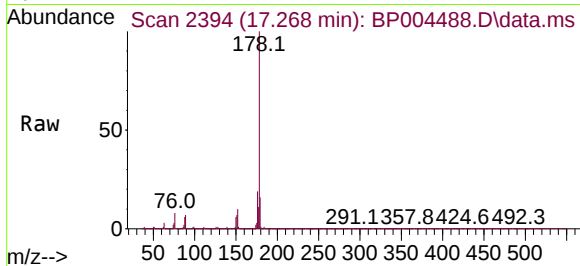




#71
Phenanthrene
Concen: 13.67 ng
RT: 17.268 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

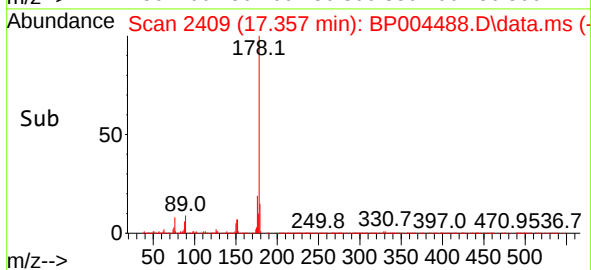
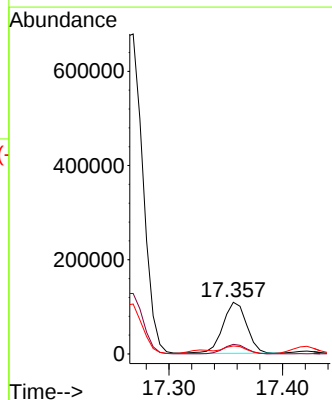
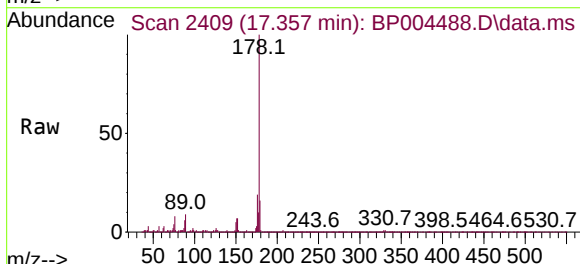
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

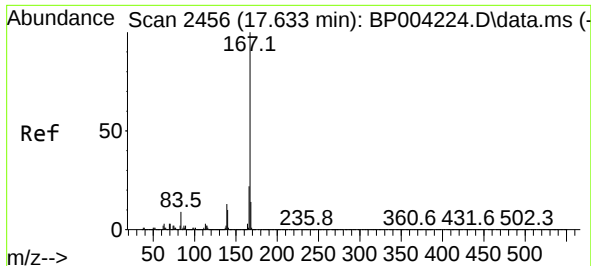
Tgt Ion:178 Resp: 1018943
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 2.26 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:178 Resp: 158771
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.5 18.7

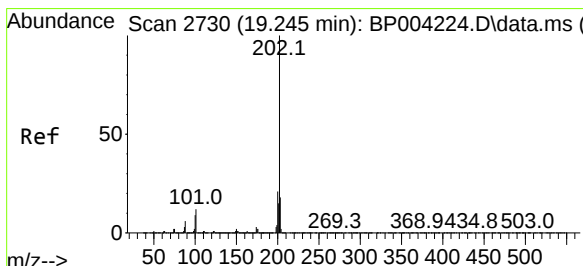
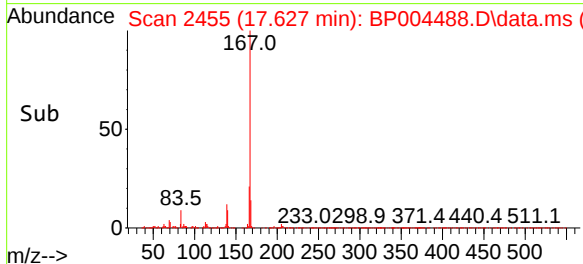
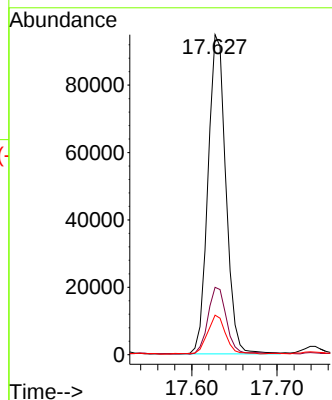
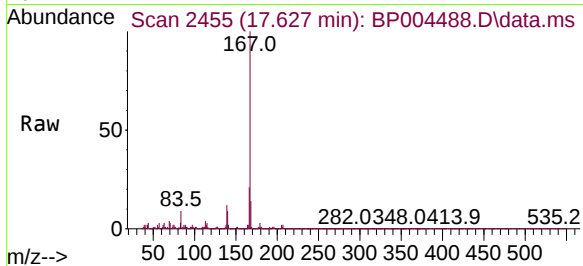




#73
 Carbazole
 Concen: 2.11 ng
 RT: 17.627 min Scan# 2455
 Delta R.T. -0.006 min
 Lab File: BP004488.D
 Acq: 07 Jan 2021 19:46

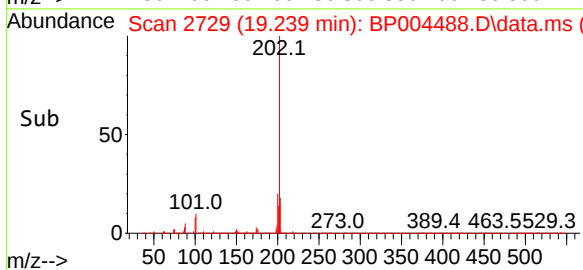
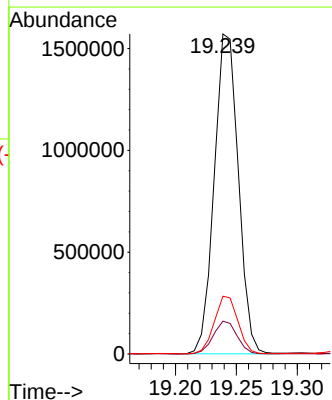
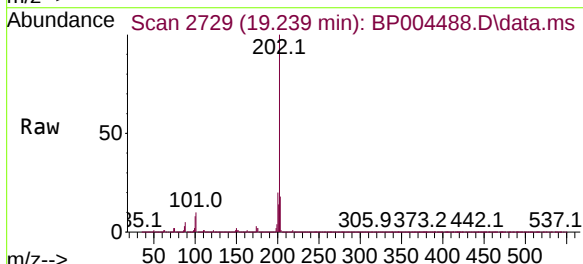
Instrument :
 BNA_P
 ClientSampleId :
 R-LA-2-6-WC

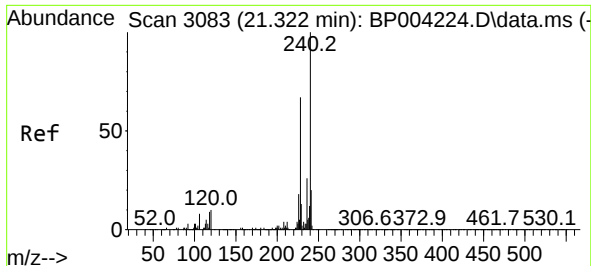
Tgt Ion:167 Resp: 137750
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 12.3 10.2 15.4



#75
 Fluoranthene
 Concen: 25.29 ng
 RT: 19.239 min Scan# 2729
 Delta R.T. -0.006 min
 Lab File: BP004488.D
 Acq: 07 Jan 2021 19:46

Tgt Ion:202 Resp: 2165459
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 29.4
 203 18.0 0.0 37.8

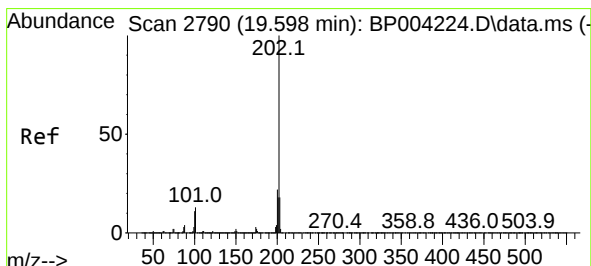
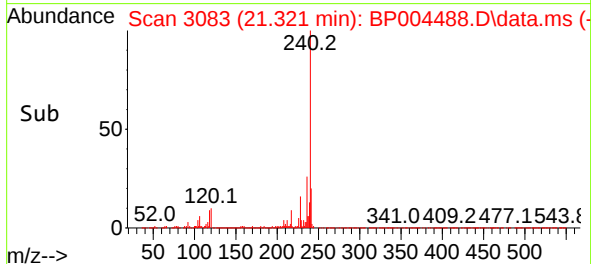
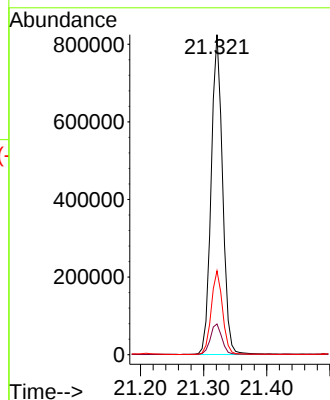
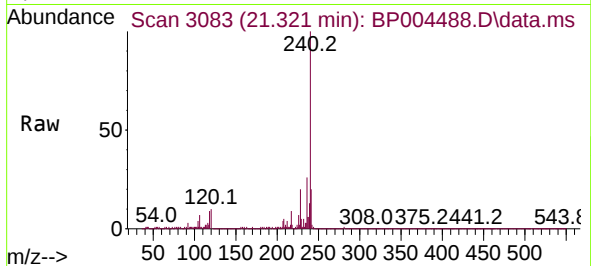




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

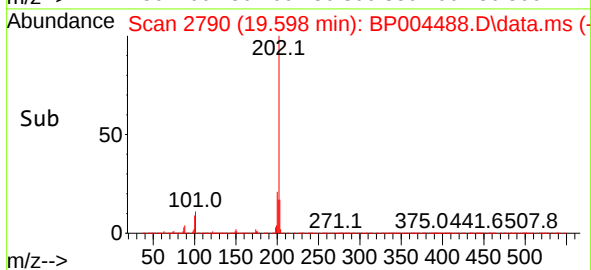
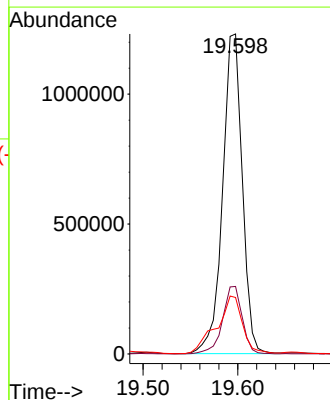
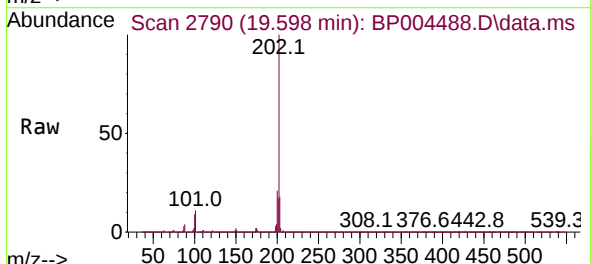
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

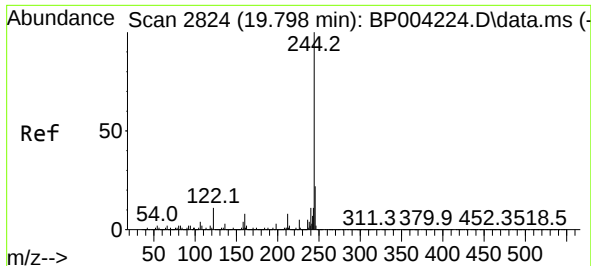
Tgt Ion:240 Resp: 1036391
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 26.2 20.8 31.2



#78
Pyrene
Concen: 25.20 ng
RT: 19.598 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:202 Resp: 1780195
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.7 14.2 21.2

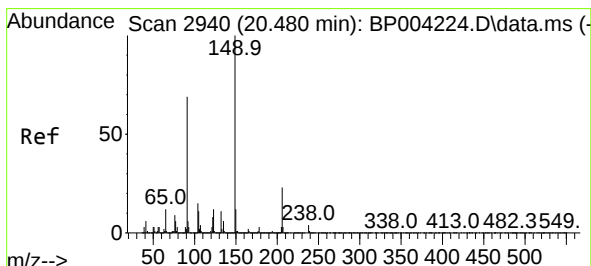
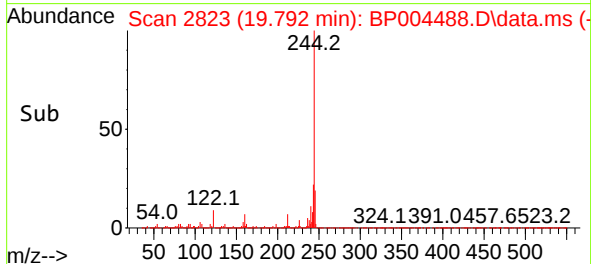
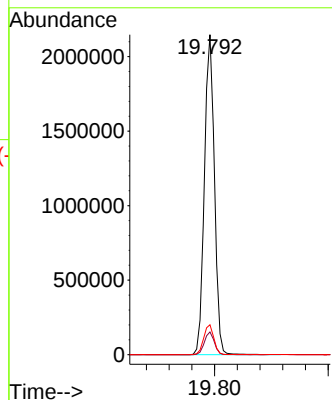
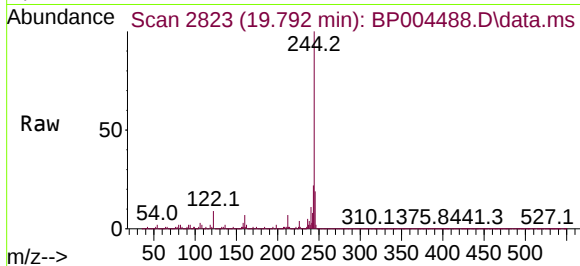




#79
Terphenyl-d14
Concen: 48.40 ng
RT: 19.792 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

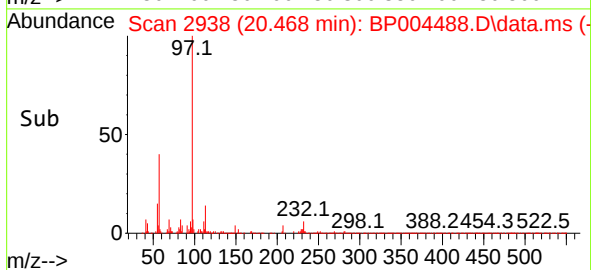
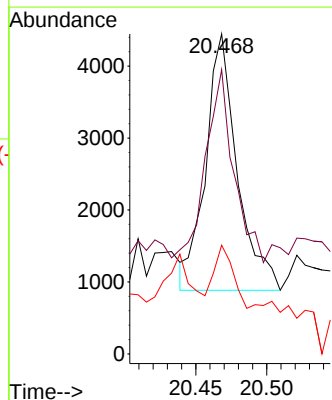
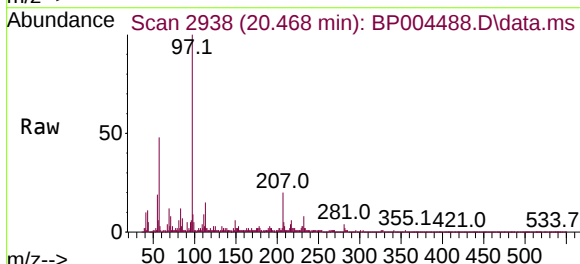
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

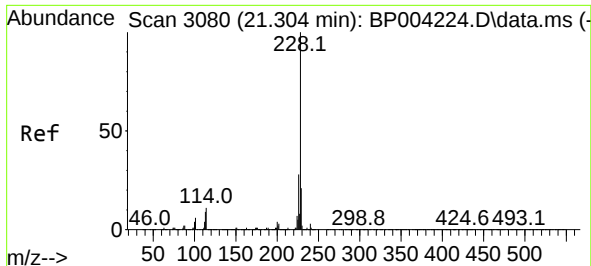
Tgt Ion:244 Resp: 2617504
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.3 7.8 11.8



#80
Butylbenzylphthalate
Concen: 3.75 ng
RT: 20.468 min Scan# 2938
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:149 Resp: 5495
Ion Ratio Lower Upper
149 100
91 88.9 45.4 68.0#
206 34.0 17.1 25.7#

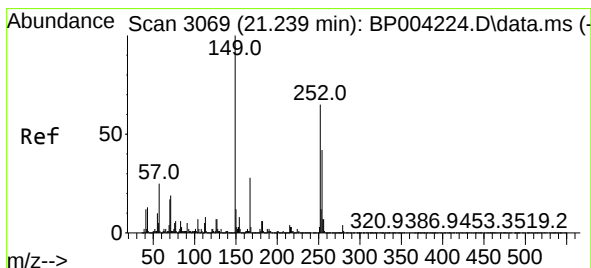
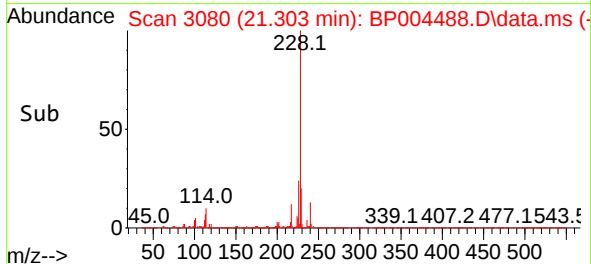
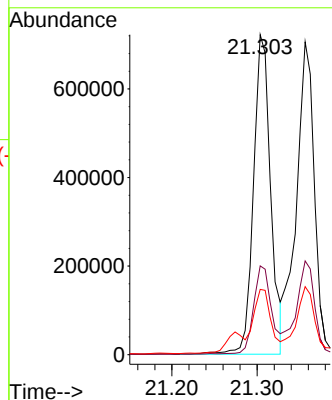
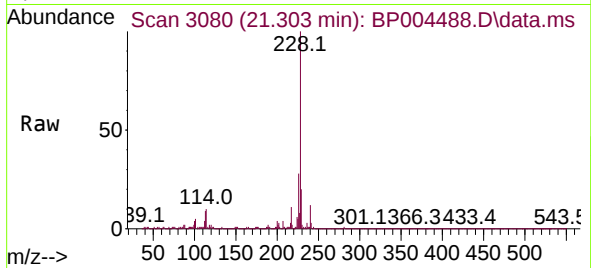




#81
Benzo(a)anthracene
Concen: 14.16 ng
RT: 21.303 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

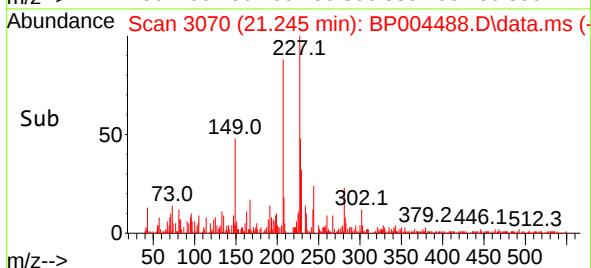
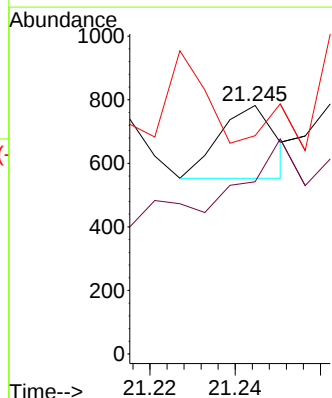
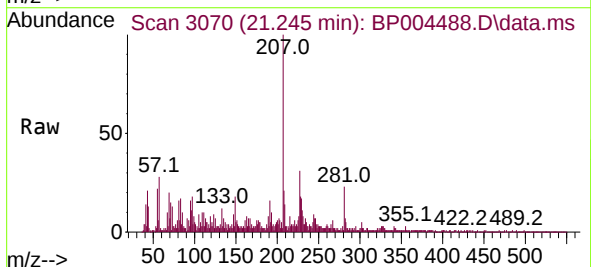
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

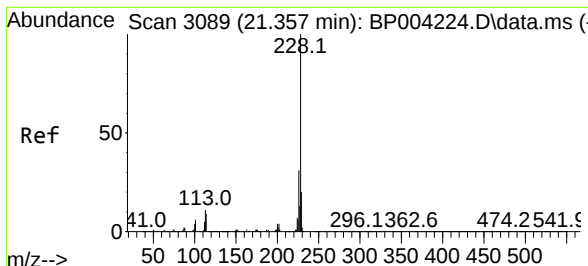
Tgt Ion:228 Resp: 1007864
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.4 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 3.14 ng
RT: 21.245 min Scan# 3070
Delta R.T. 0.005 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:252 Resp: 211
Ion Ratio Lower Upper
252 100
254 69.3 51.0 76.4
126 87.9 7.9 11.9#





#83

Chrysene

Concen: 15.21 ng

RT: 21.356 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BP004488.D

Acq: 07 Jan 2021 19:46

Instrument :

BNA_P

ClientSampleId :

R-LA-2-6-WC

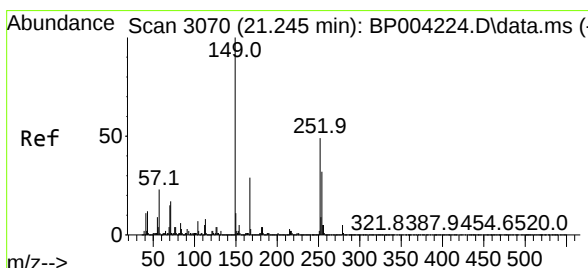
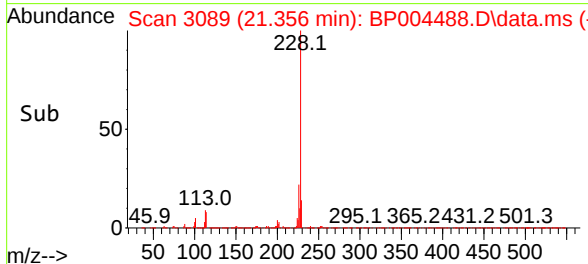
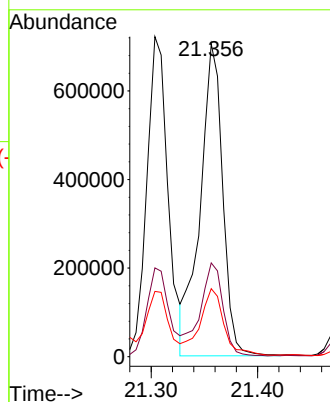
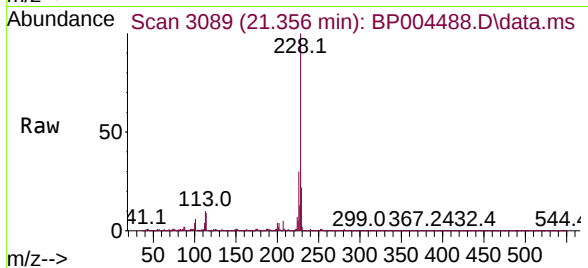
Tgt Ion:228 Resp: 1042604

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 21.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.99 ng

RT: 21.227 min Scan# 3067

Delta R.T. -0.000 min

Lab File: BP004488.D

Acq: 07 Jan 2021 19:46

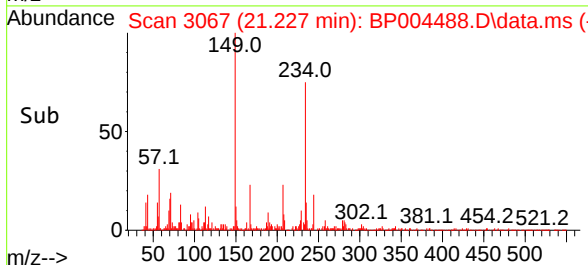
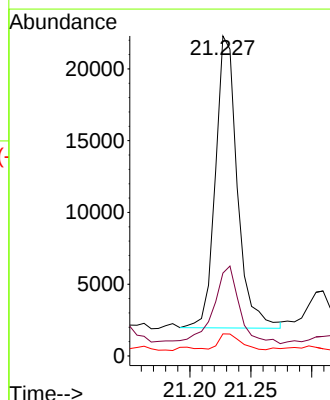
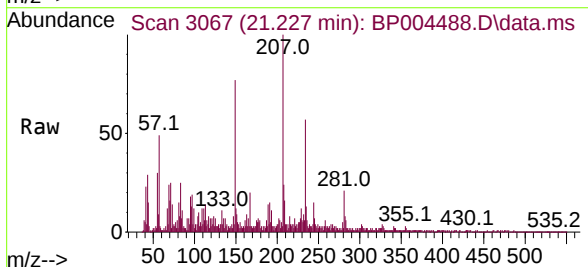
Tgt Ion:149 Resp: 25559

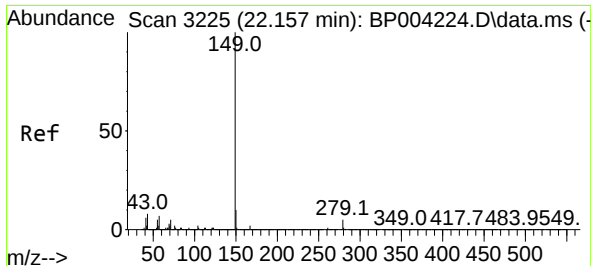
Ion Ratio Lower Upper

149 100

167 25.9 22.6 34.0

279 6.9 4.2 6.2#

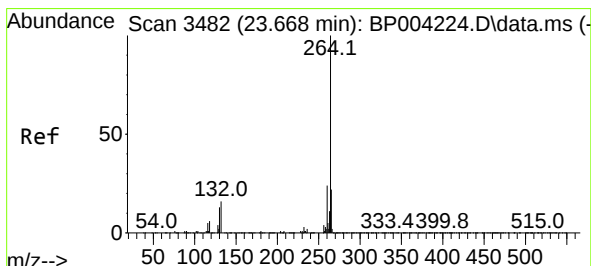
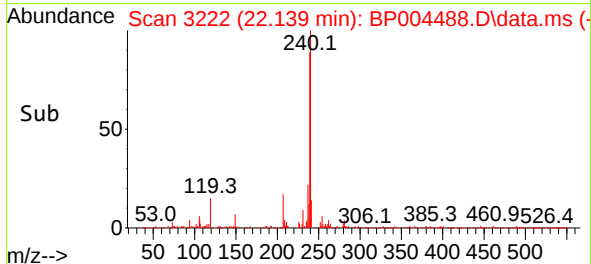
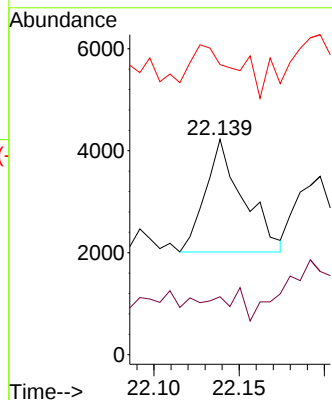
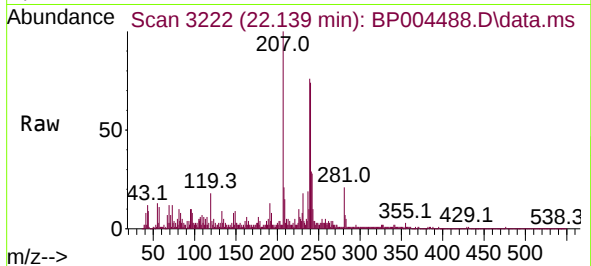




#85
Di-n-octyl phthalate
Concen: 4.54 ng
RT: 22.139 min Scan# 3222
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

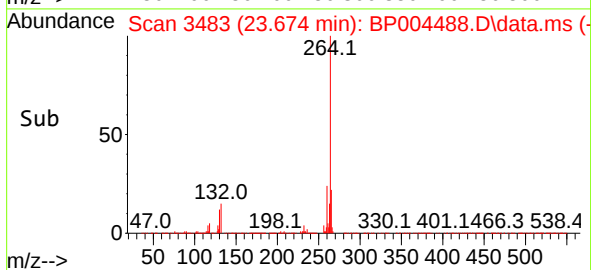
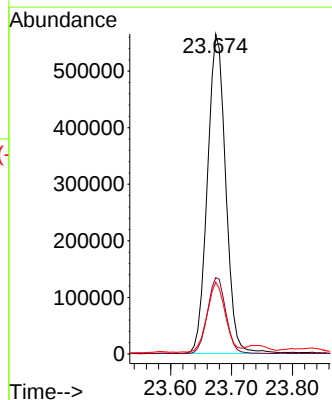
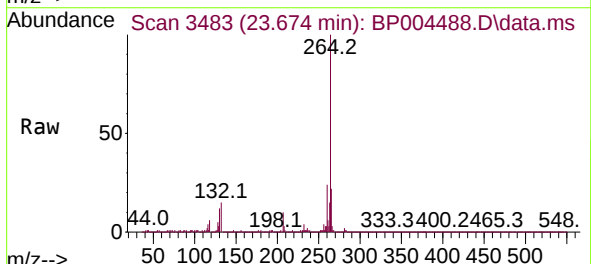
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

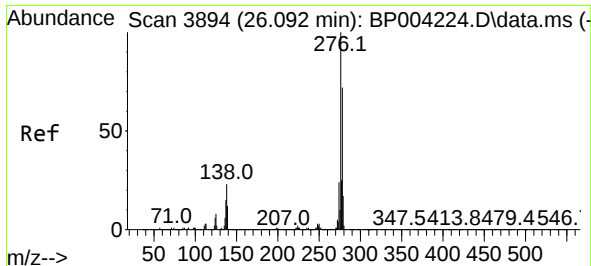
Tgt Ion:149 Resp: 3428
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 55.4 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:264 Resp: 1177291
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.4 17.4 26.2

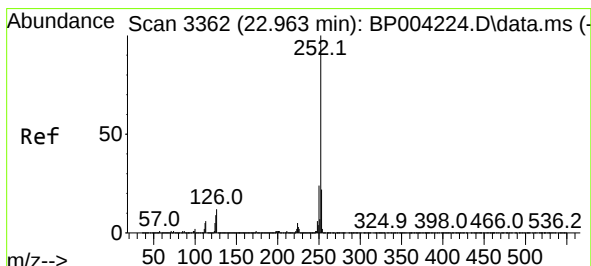
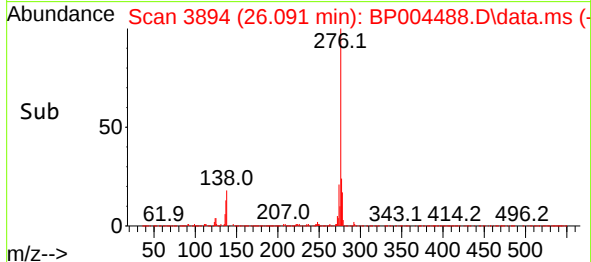
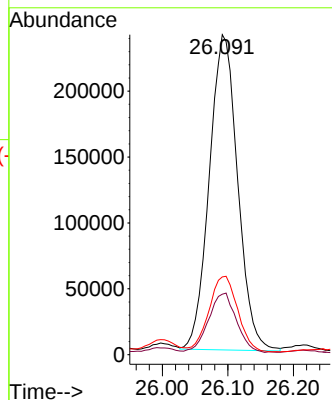
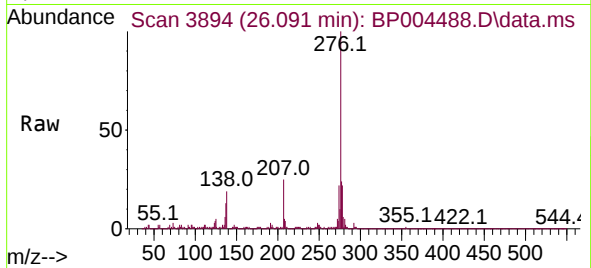




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.99 ng
RT: 26.091 min Scan# 3894
Delta R.T. -0.012 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

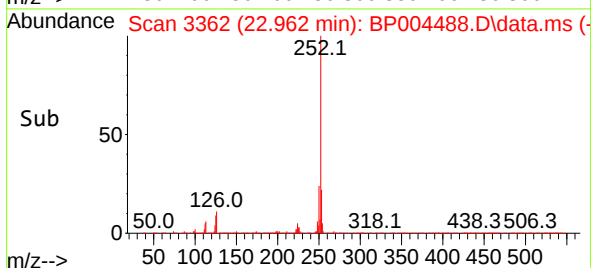
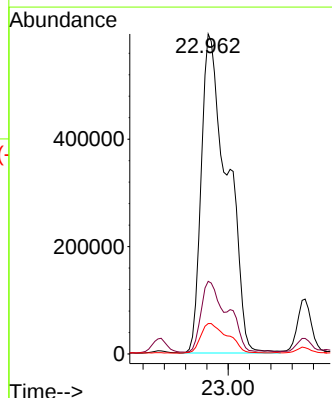
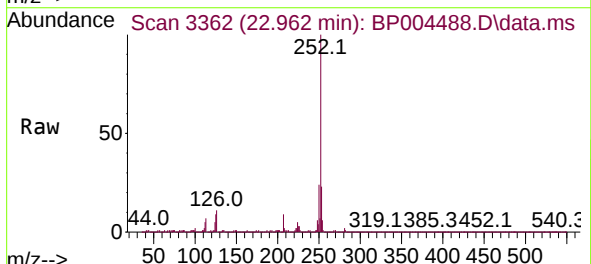
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

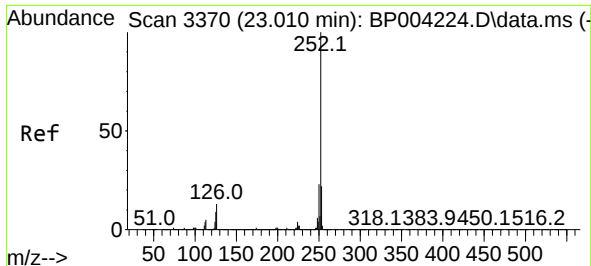
Tgt Ion:	276	Resp:	719444
Ion	Ratio	Lower	Upper
276	100		
138	18.9	18.7	28.1
277	24.4	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 25.98 ng
RT: 22.962 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:	252	Resp:	2015583
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.5	7.3	10.9

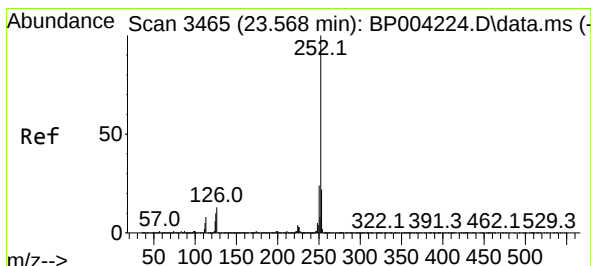
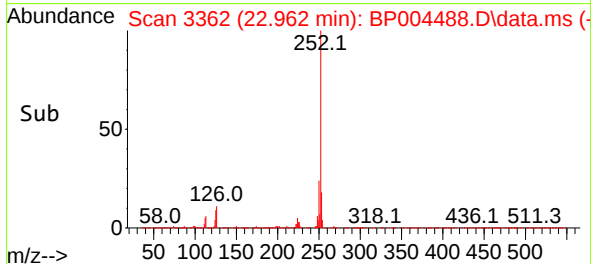
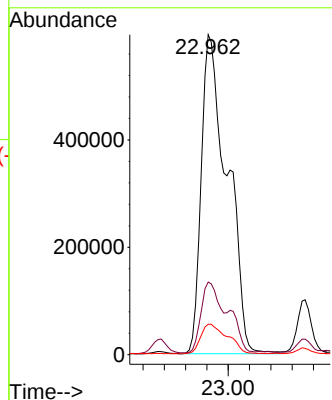
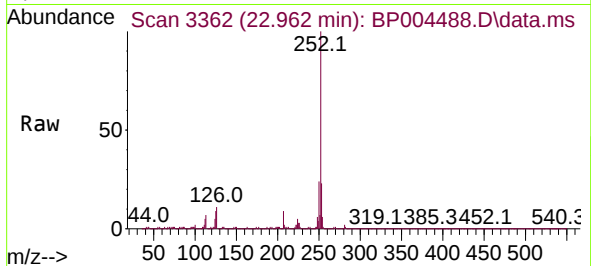




#89
Benzo(k)fluoranthene
Concen: 26.17 ng
RT: 22.962 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

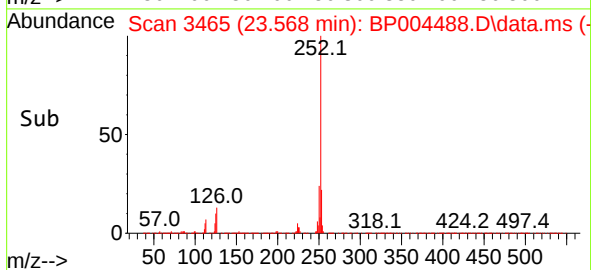
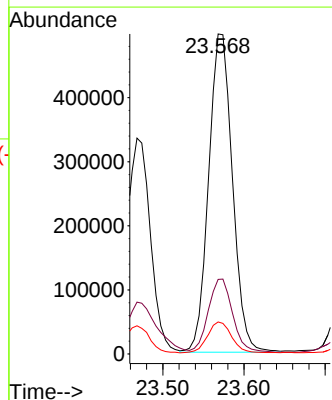
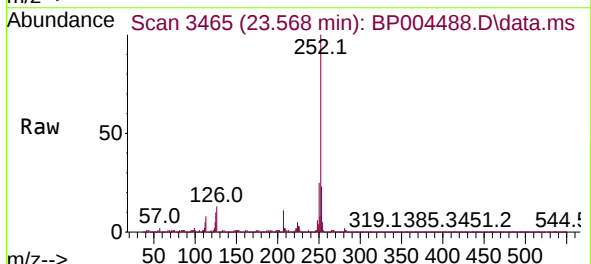
Instrument :
BNA_P
ClientSampleId :
R-LA-2-6-WC

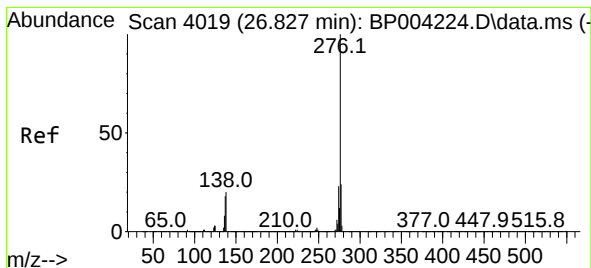
Tgt Ion:252 Resp: 2015583
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 14.32 ng
RT: 23.568 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP004488.D
Acq: 07 Jan 2021 19:46

Tgt Ion:252 Resp: 1012734
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.0 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 9.34 ng

RT: 26.833 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP004488.D

Acq: 07 Jan 2021 19:46

Instrument :

BNA_P

ClientSampleId :

R-LA-2-6-WC

Tgt Ion:276 Resp: 674634

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 19.5 16.6 24.8

