

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010721\
 Data File : BP004486.D
 Acq On : 07 Jan 2021 18:38
 Operator : CG/JU
 Sample : M1020-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 356

Quant Time: Jan 08 00:07:18 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)

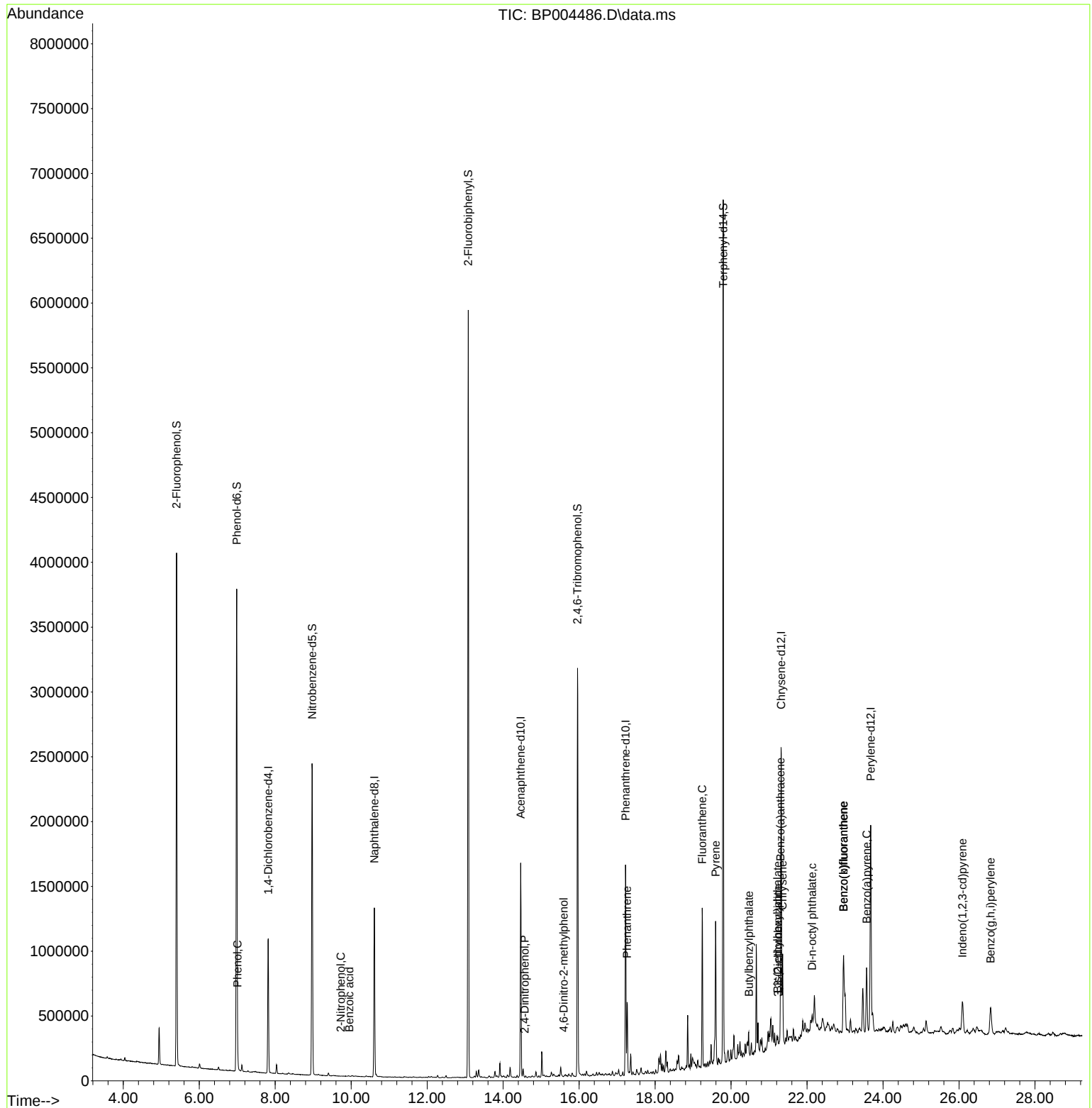
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	315223	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	1141000	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	573290	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	971971	20.00	ng	# 0.00
76) Chrysene-d12	21.322	240	1030491	20.00	ng	0.00
86) Perylene-d12	23.674	264	1222745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1876006	97.52	ng	0.00
7) Phenol-d6	6.987	99	2371895	87.58	ng	0.00
23) Nitrobenzene-d5	8.969	82	1518606	63.27	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	664671	86.89	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3145243	69.53	ng	0.00
79) Terphenyl-d14	19.792	244	2928495	54.47	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.011	94	68233	2.55	ng	89
26) 2-Nitrophenol	9.728	139	54	2.64	ng	# 1
32) Benzoic acid	9.952	122	83	7.27	ng	# 1
54) 2,4-Dinitrophenol	14.569	184	19	5.28	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.592	198	20	4.17	ng	# 1
71) Phenanthrene	17.263	178	367967	6.30	ng	99
75) Fluoranthene	19.239	202	717572	10.69	ng	98
78) Pyrene	19.592	202	680328	9.69	ng	99
80) Butylbenzylphthalate	20.469	149	1315	3.61	ng	# 36
81) Benzo(a)anthracene	21.304	228	375536	5.31	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	367	3.14	ng	# 74
83) Chrysene	21.357	228	399211	5.86	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	19685	3.86	ng	100
85) Di-n-octyl phthalate	22.133	149	48954	5.16	ng	# 72
87) Indeno(1,2,3-cd)pyrene	26.092	276	261555	2.80	ng	94
88) Benzo(b)fluoranthene	22.963	252	731209	9.07	ng	98
89) Benzo(k)fluoranthene	22.963	252	731209	9.14	ng	98
90) Benzo(a)pyrene	23.568	252	370578	5.05	ng	98
92) Benzo(g,h,i)perylene	26.833	276	282874	3.77	ng	98

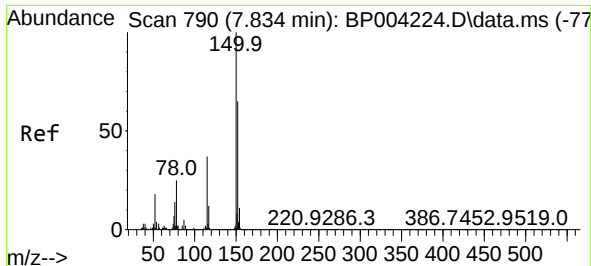
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 14:50:44 2021
Response via : Initial Calibration

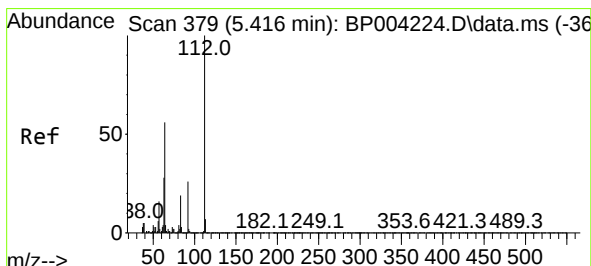
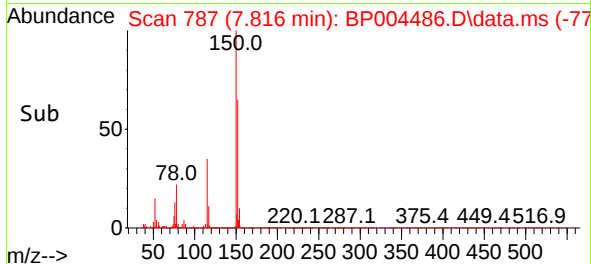
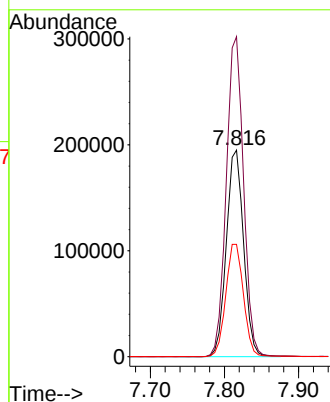
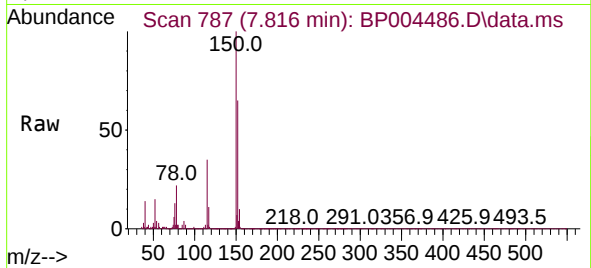




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

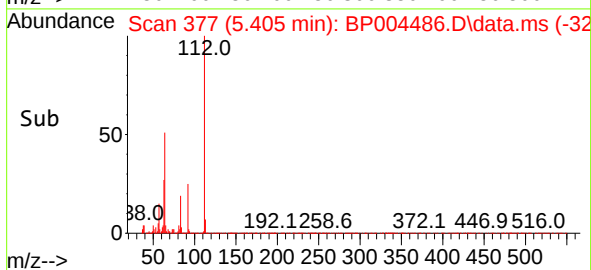
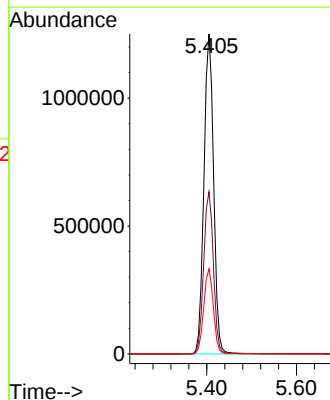
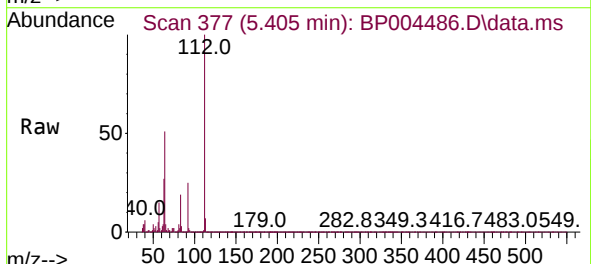
Instrument :
BNA_P
ClientSampled :
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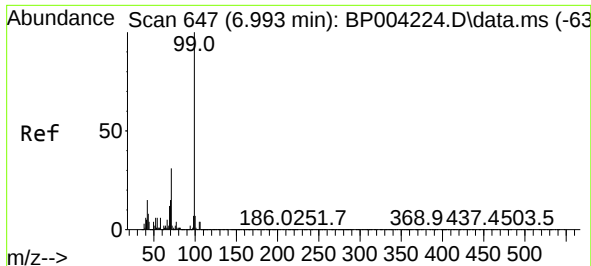
Tgt Ion:152 Resp: 315223
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 54.4 43.8 65.6



#5
2-Fluorophenol
Concen: 97.52 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:112 Resp: 1876006
Ion Ratio Lower Upper
112 100
64 50.7 32.8 49.2#
63 26.6 17.0 25.4#

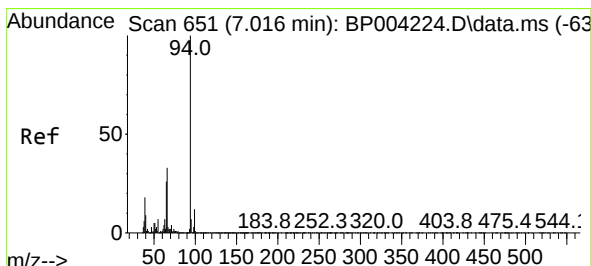
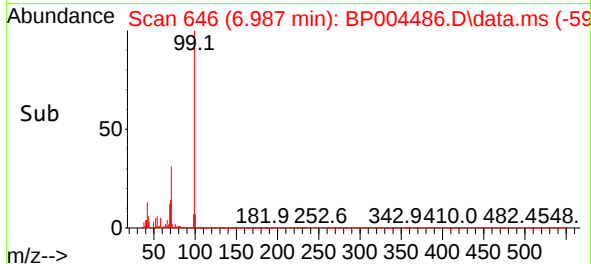
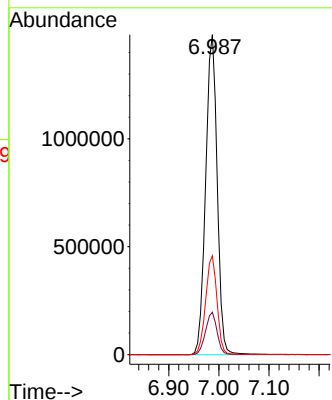
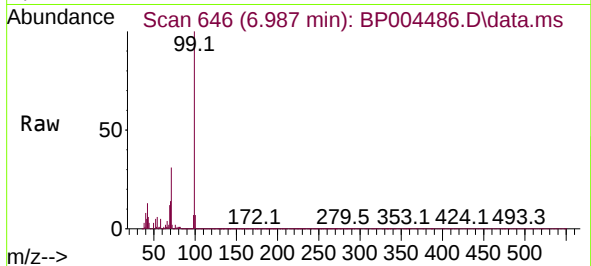




#7
Phenol-d6
Concen: 87.58 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

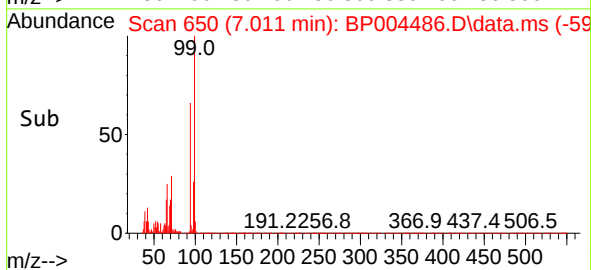
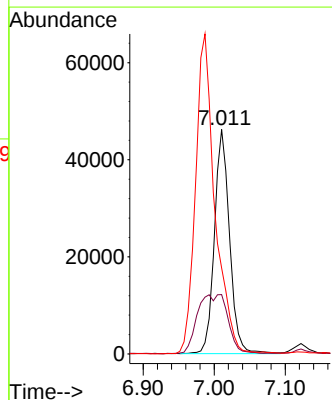
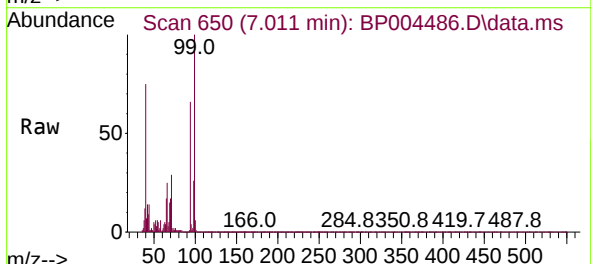
Instrument :
BNA_P
ClientSampled :
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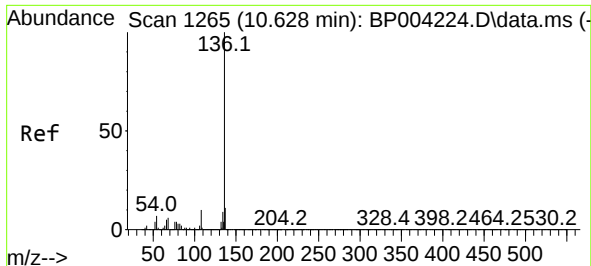
Tgt Ion: 99 Resp: 2371895
Ion Ratio Lower Upper
99 100
42 13.2 8.6 13.0#
71 30.9 23.4 35.2



#10
Phenol
Concen: 2.55 ng
RT: 7.011 min Scan# 650
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion: 94 Resp: 68233
Ion Ratio Lower Upper
94 100
65 26.5 2.3 42.3
66 38.3 10.9 50.9



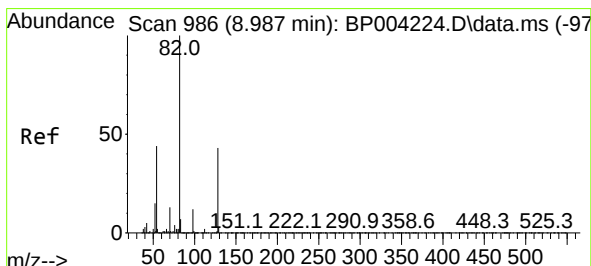
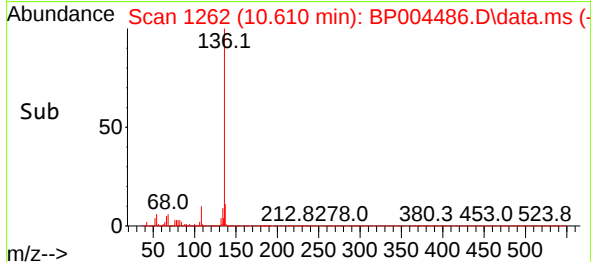
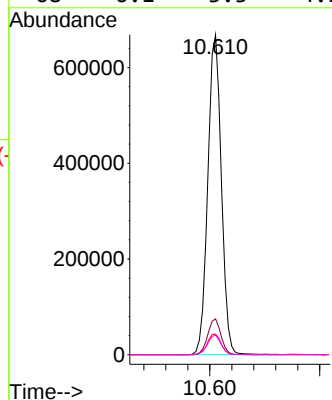
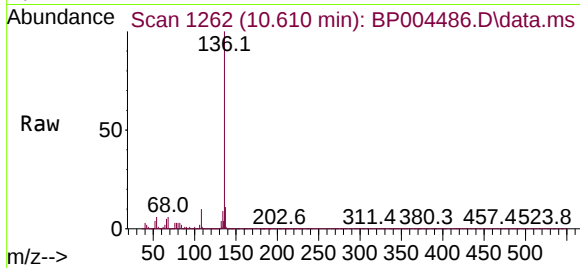


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Instrument :
BNA_P
ClientSampleId :
356

Tgt Ion:136 Resp: 1141000

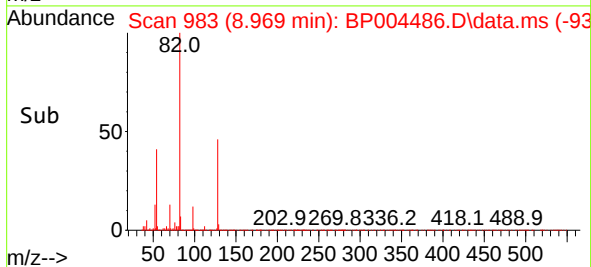
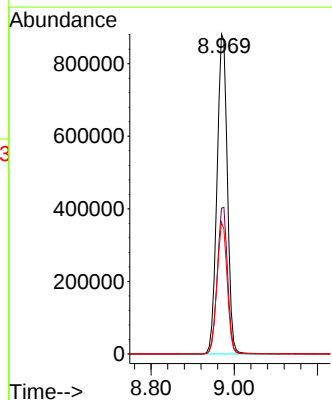
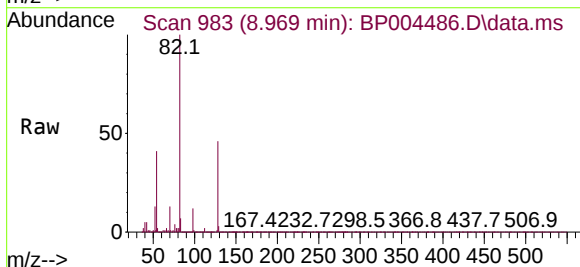
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.4	3.6	5.4#
68	6.1	3.3	4.9#

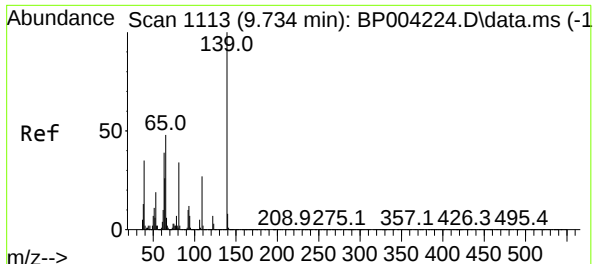


#23
Nitrobenzene-d5
Concen: 63.27 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion: 82 Resp: 1518606

Ion	Ratio	Lower	Upper
82	100		
128	45.6	45.6	68.4#
54	41.2	30.1	45.1

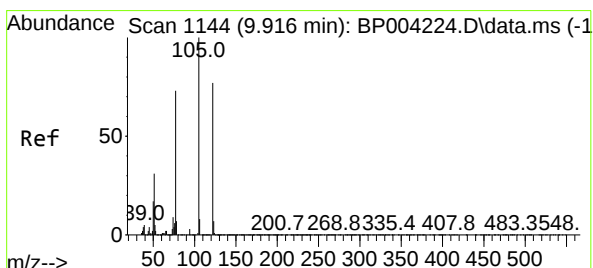
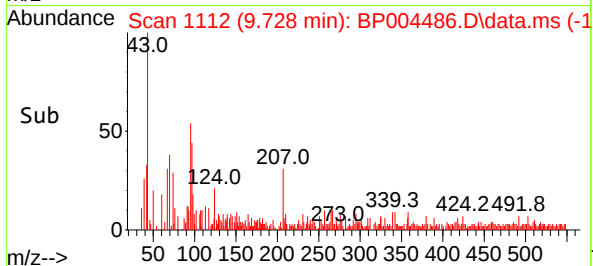
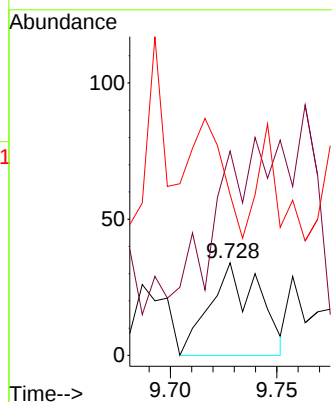
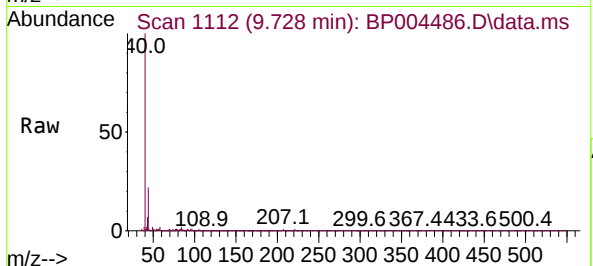




#26
2-Nitrophenol
Concen: 2.64 ng
RT: 9.728 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

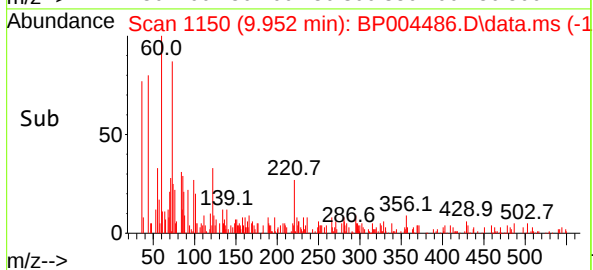
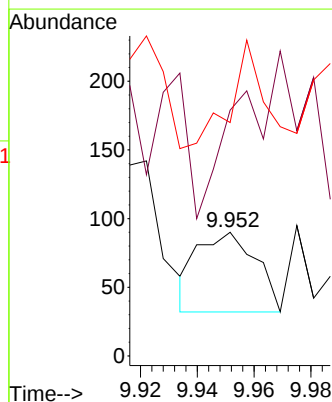
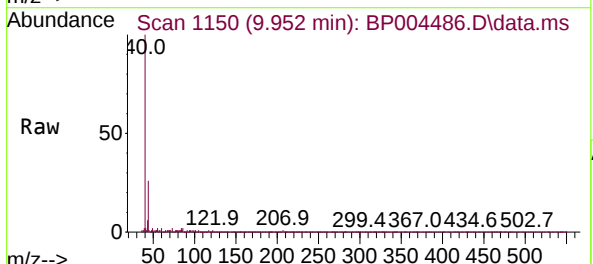
Instrument :
BNA_P
ClientSampled :
356

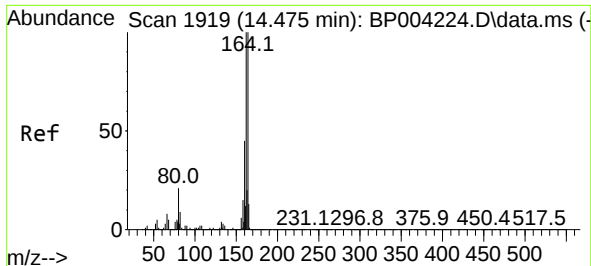
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 220.6 22.1 33.1#
65 173.5 26.5 39.7#



#32
Benzoic acid
Concen: 7.27 ng
RT: 9.952 min Scan# 1150
Delta R.T. 0.023 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 198.9 94.1 134.1#
77 188.9 50.1 90.1#

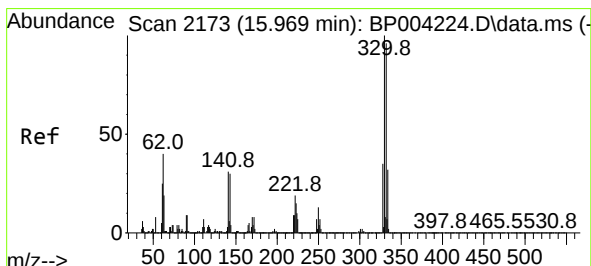
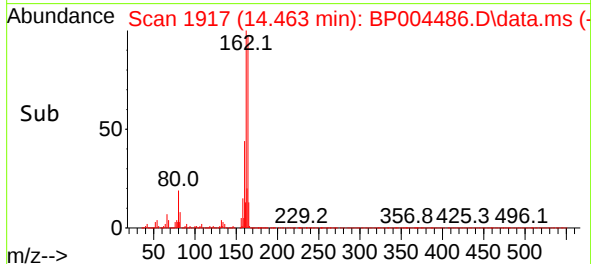
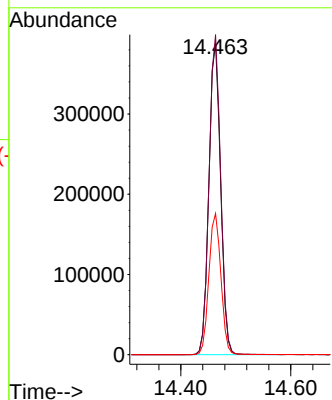
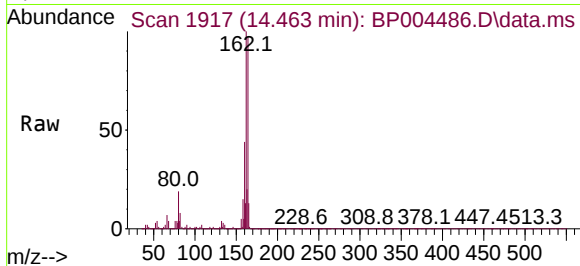




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

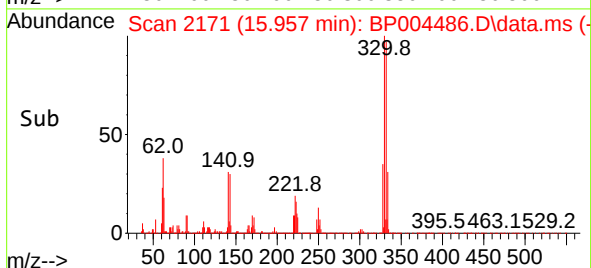
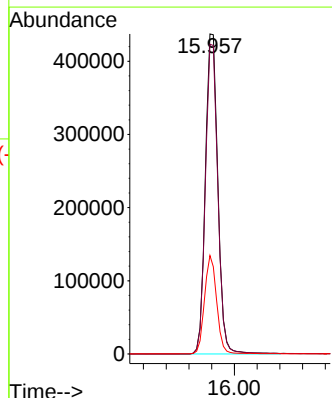
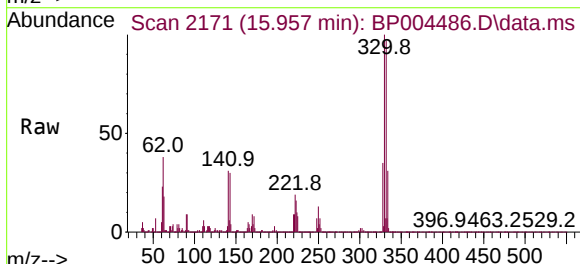
Instrument :
BNA_P
ClientSampled :
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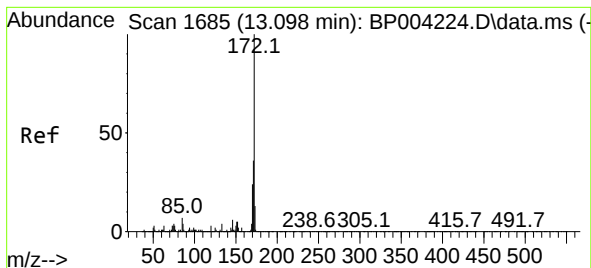
Tgt Ion:164 Resp: 573290
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.2
160 45.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 86.89 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:330 Resp: 664671
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 29.9 23.4 35.2

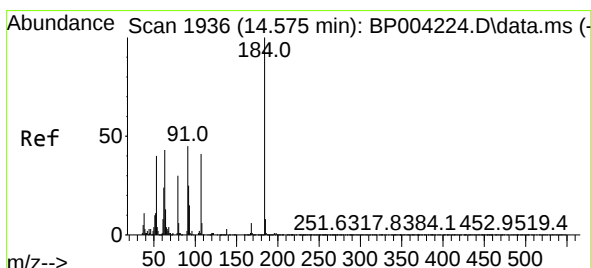
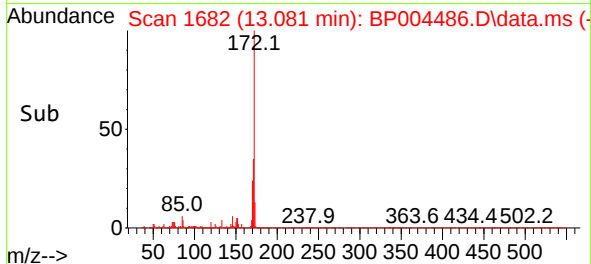
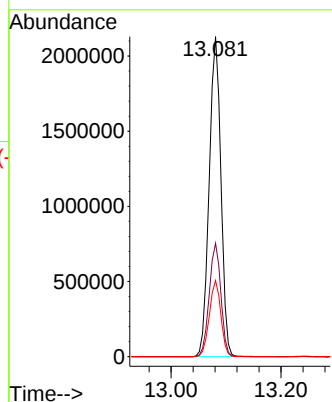
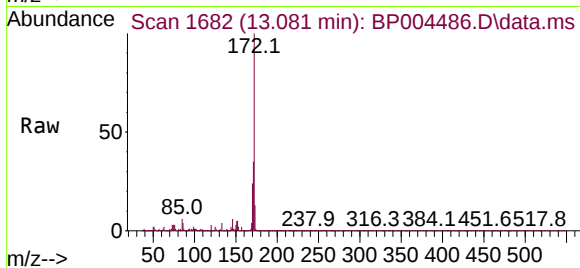




#45
2-Fluorobiphenyl
Concen: 69.53 ng
RT: 13.081 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

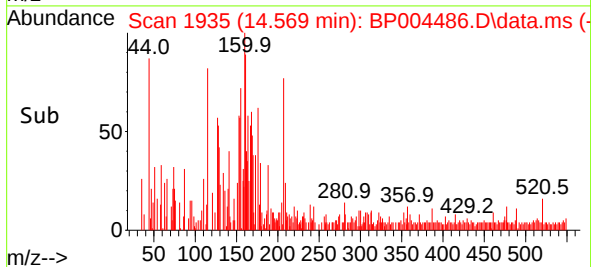
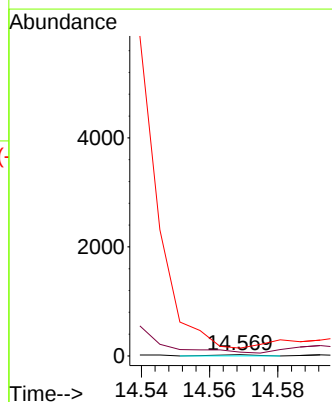
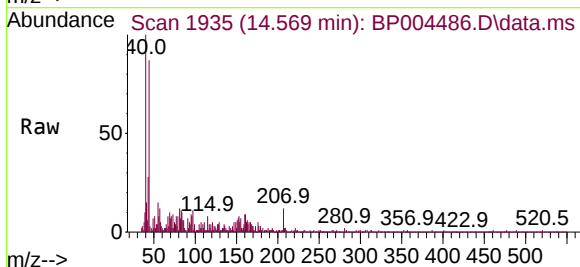
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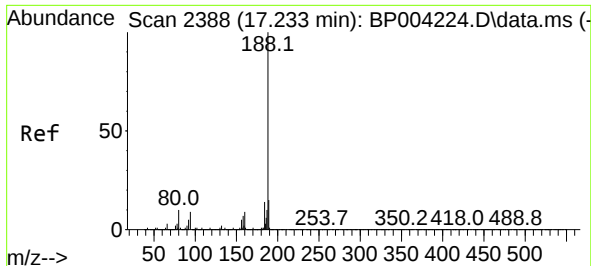
Tgt Ion:172 Resp: 3145243
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 5.28 ng
RT: 14.569 min Scan# 1935
Delta R.T. -0.018 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 284.0 32.3 48.5#
154 580.0 49.1 73.7#

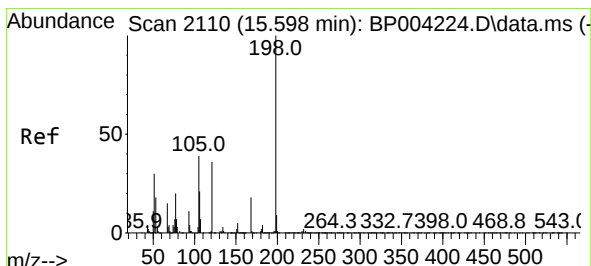
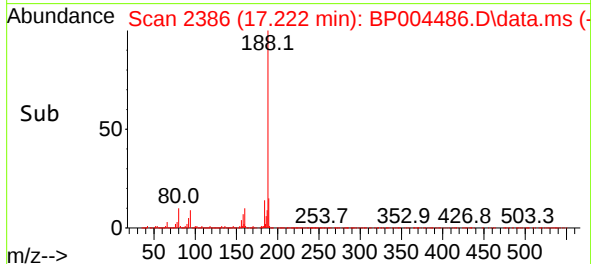
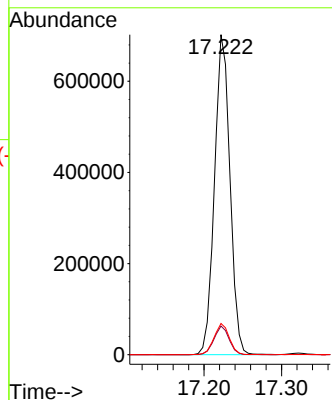
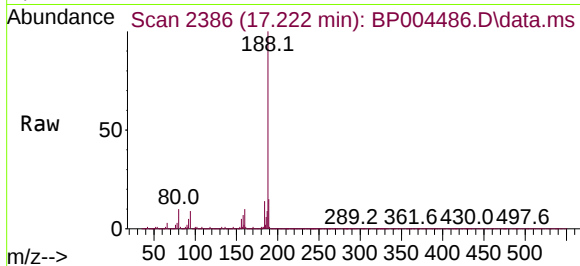




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.222 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

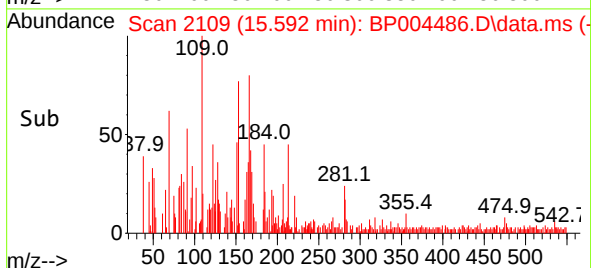
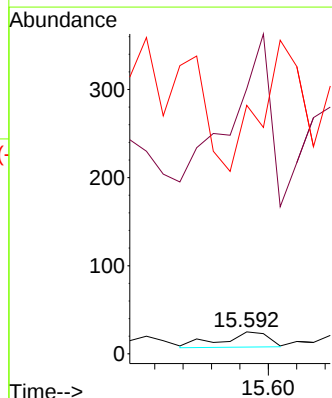
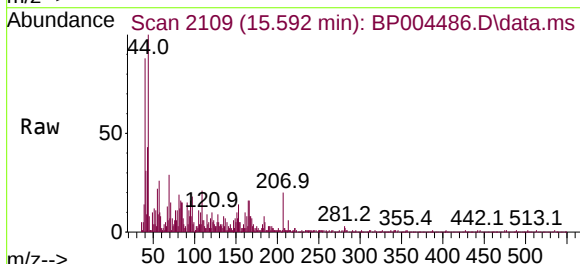
Instrument :
BNA_P
ClientSampled :
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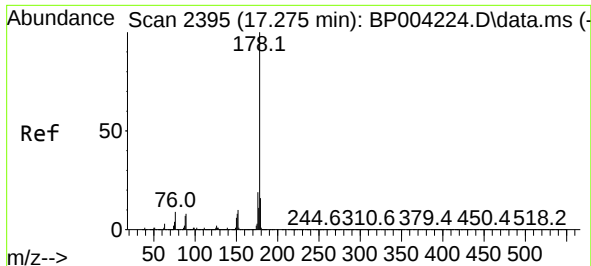
Tgt Ion:188 Resp: 971971
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.2
80 9.7 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.17 ng
RT: 15.592 min Scan# 2109
Delta R.T. -0.018 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 1204.0 6.4 46.4#
105 1128.0 18.9 58.9#

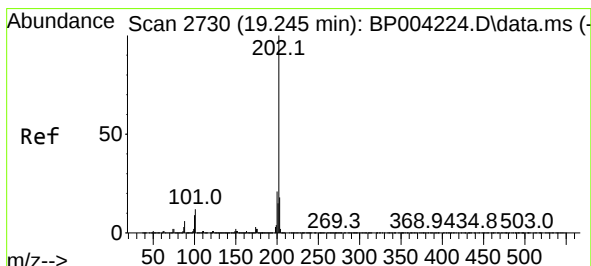
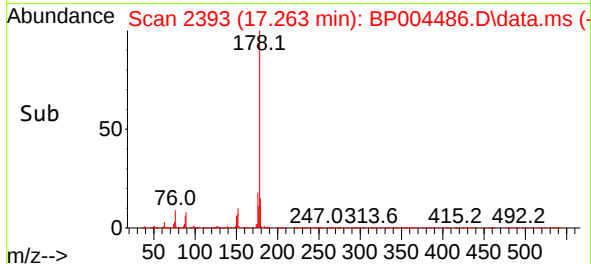
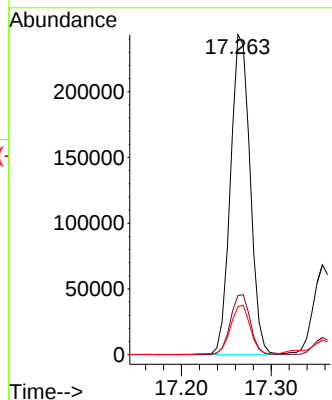
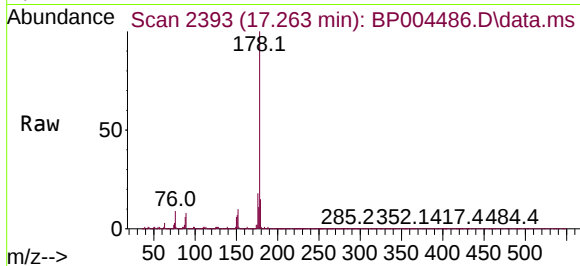




#71
Phenanthrene
Concen: 6.30 ng
RT: 17.263 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

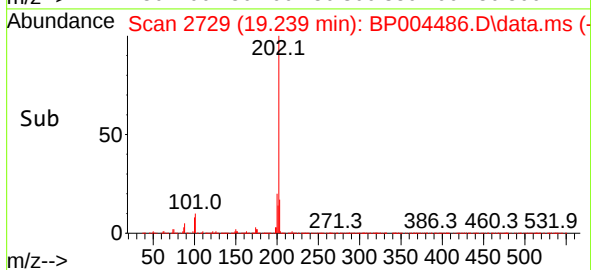
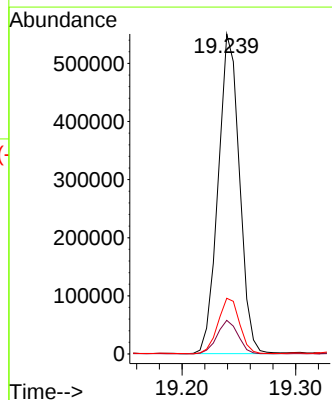
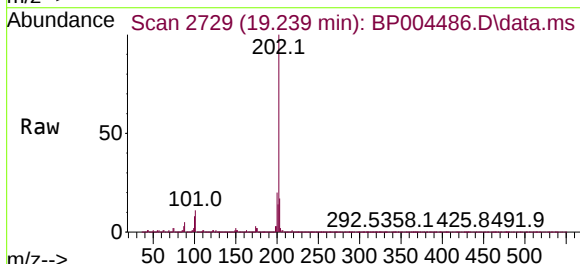
Instrument :
BNA_P
ClientSampled :
356

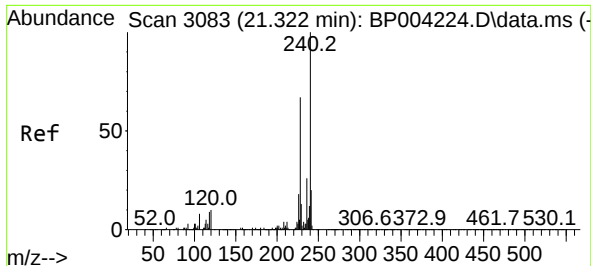
Tgt Ion:178 Resp: 367967
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.0 12.5 18.7



#75
Fluoranthene
Concen: 10.69 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:202 Resp: 717572
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.4
203 17.4 0.0 37.8

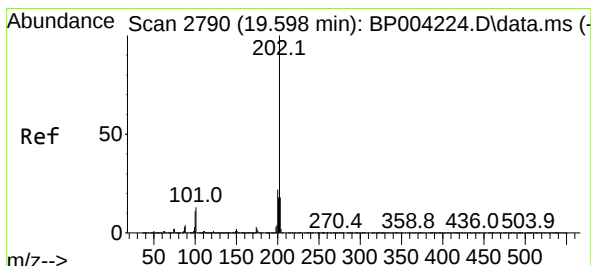
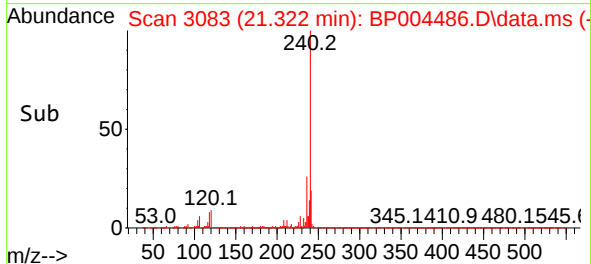
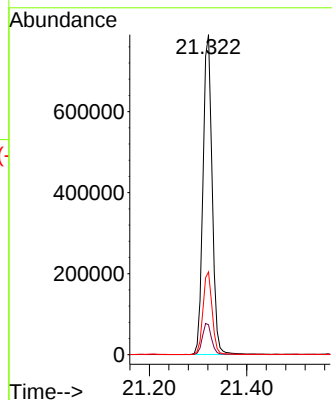
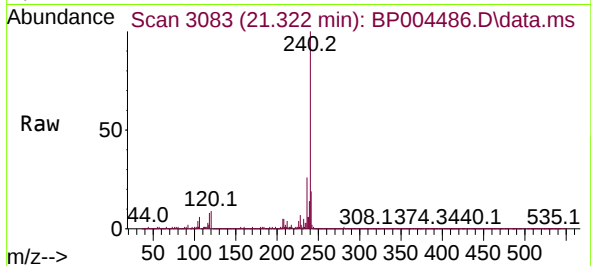




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.322 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

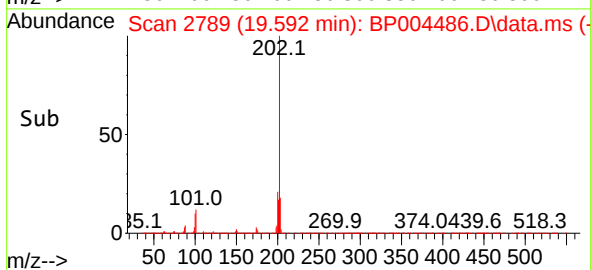
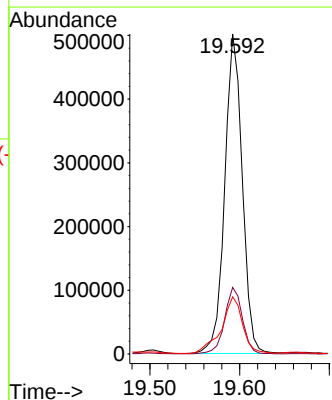
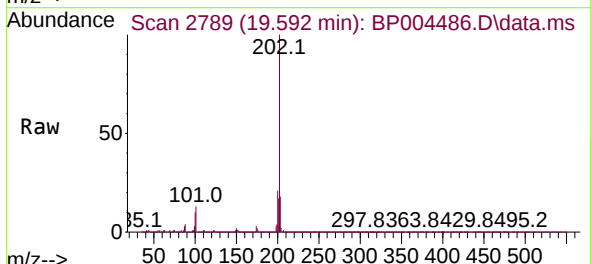
Instrument :
BNA_P
ClientSampled :
356

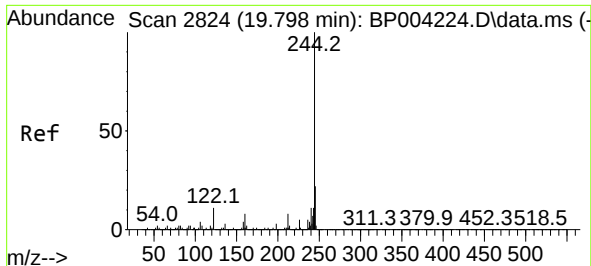
Tgt Ion:240 Resp: 1030491
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.8 20.8 31.2



#78
Pyrene
Concen: 9.69 ng
RT: 19.592 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:202 Resp: 680328
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.9 14.2 21.2



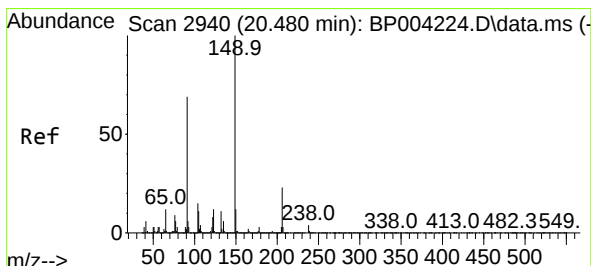
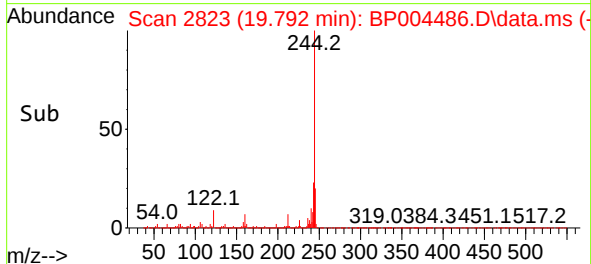
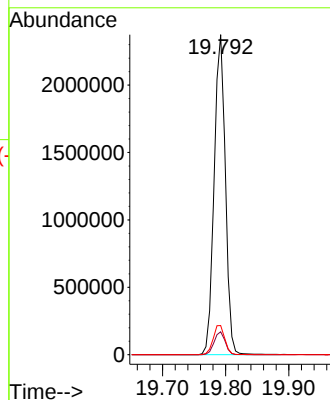
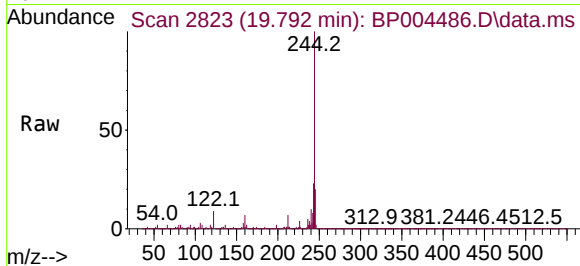


#79
 Terphenyl-d14
 Concen: 54.47 ng
 RT: 19.792 min Scan# 2823
 Delta R.T. -0.000 min
 Lab File: BP004486.D
 Acq: 07 Jan 2021 18:38

Instrument :
 BNA_P
 ClientSampled :
 356

Tgt Ion:244 Resp: 2928495

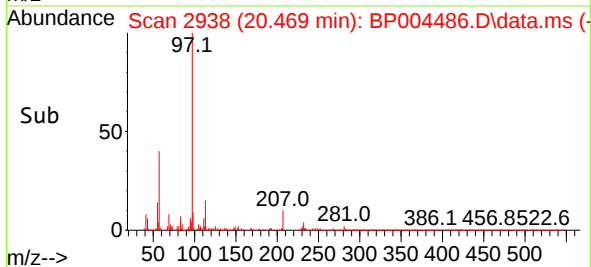
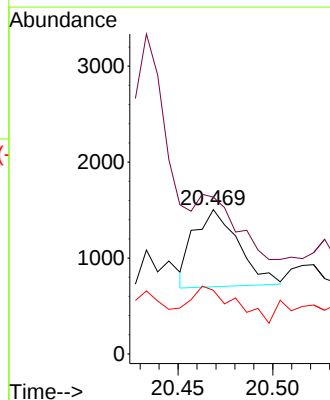
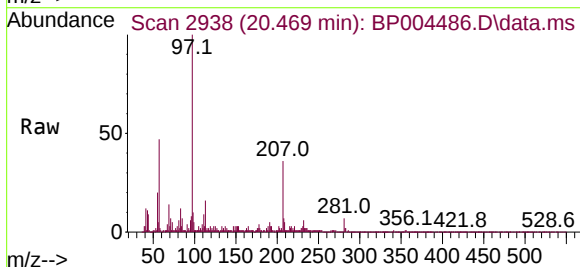
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.1	7.8	11.8

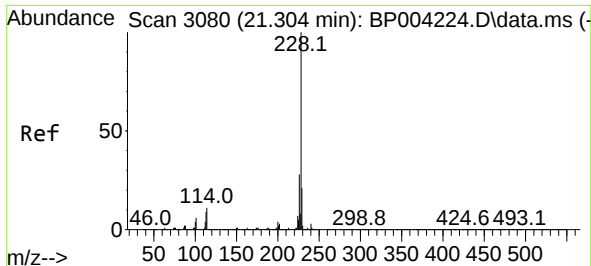


#80
 Butylbenzylphthalate
 Concen: 3.61 ng
 RT: 20.469 min Scan# 2938
 Delta R.T. -0.000 min
 Lab File: BP004486.D
 Acq: 07 Jan 2021 18:38

Tgt Ion:149 Resp: 1315

Ion	Ratio	Lower	Upper
149	100		
91	108.6	45.4	68.0#
206	44.1	17.1	25.7#

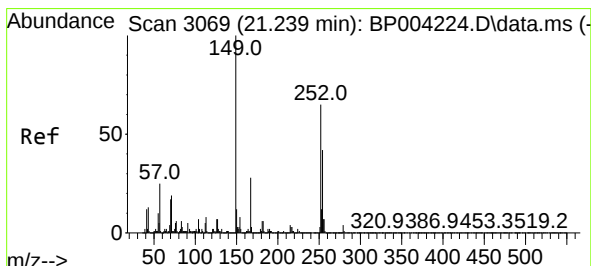
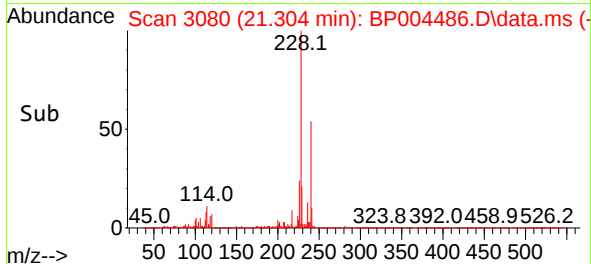
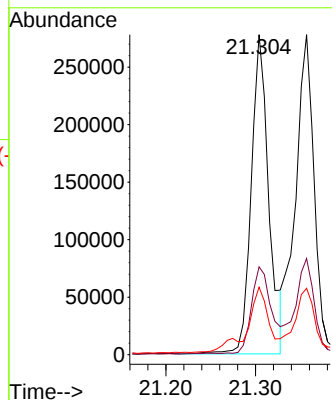
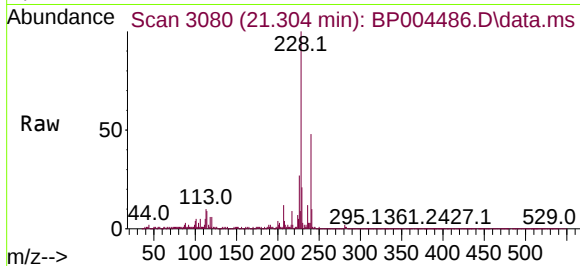




#81
Benzo(a)anthracene
Concen: 5.31 ng
RT: 21.304 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

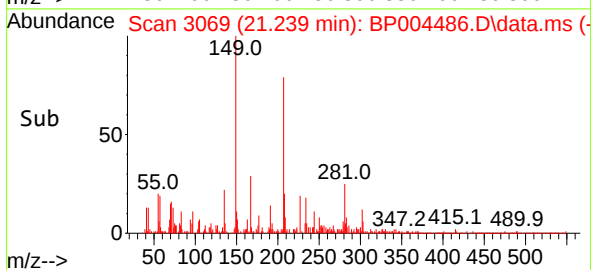
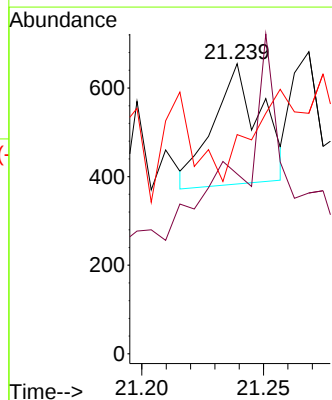
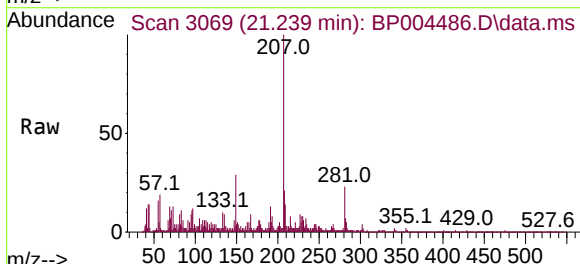
Instrument :
BNA_P
ClientSampled :
356

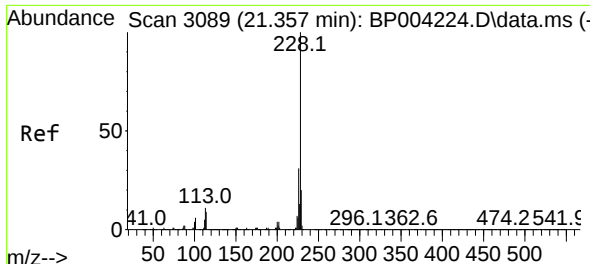
Tgt Ion:228 Resp: 375536
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 21.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 3.14 ng
RT: 21.239 min Scan# 3069
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:252 Resp: 367
Ion Ratio Lower Upper
252 100
254 62.0 51.0 76.4
126 75.6 7.9 11.9#

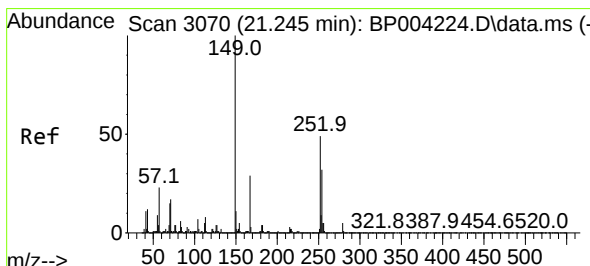
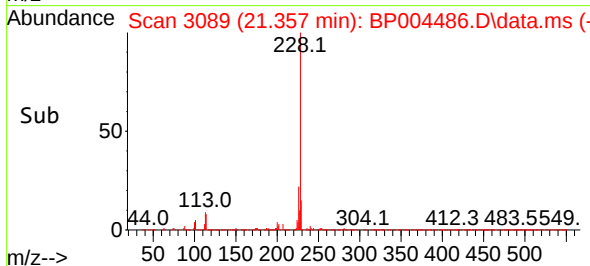
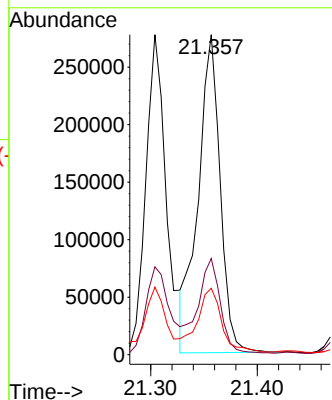
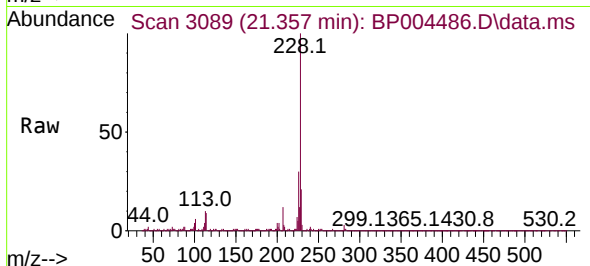




#83
Chrysene
Concen: 5.86 ng
RT: 21.357 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

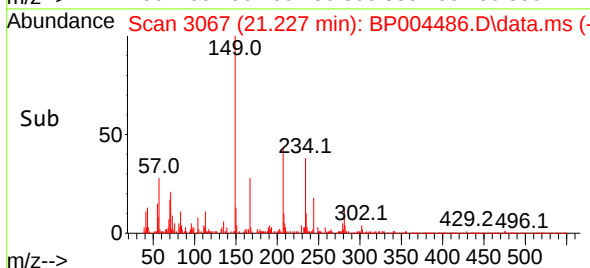
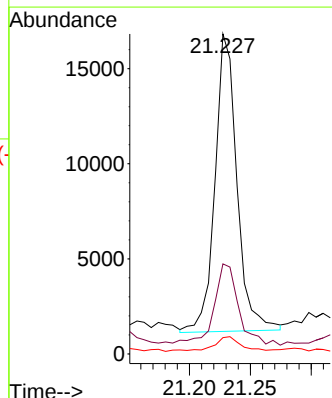
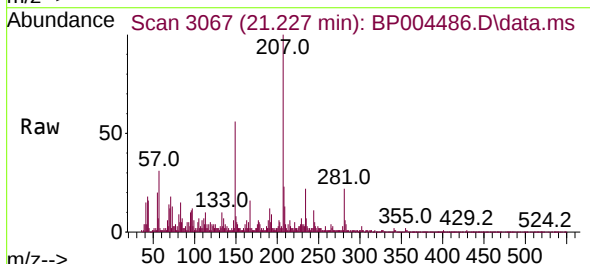
Instrument :
BNA_P
ClientSampled :
356

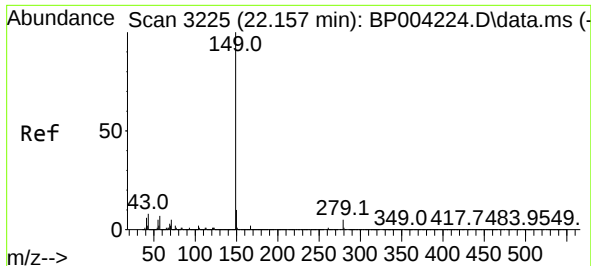
Tgt Ion:	228	Resp:	399211
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.4	36.6
229	20.8	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.86 ng
RT: 21.227 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:	149	Resp:	19685
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.6	34.0
279	5.1	4.2	6.2

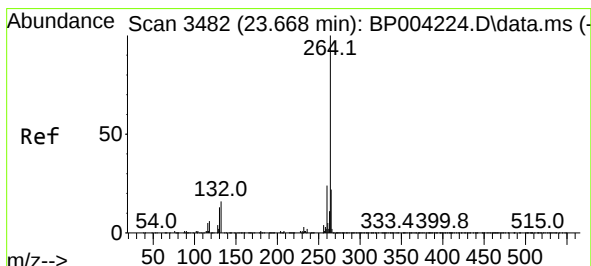
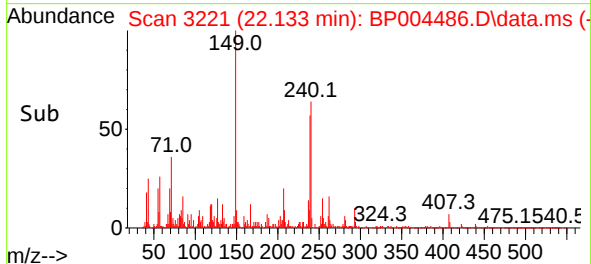
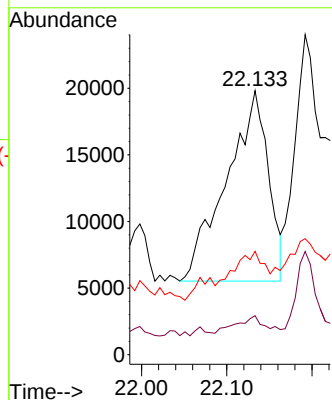
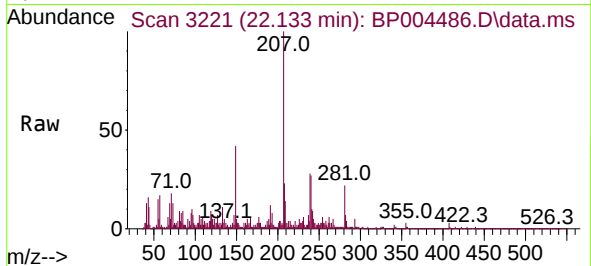




#85
Di-n-octyl phthalate
Concen: 5.16 ng
RT: 22.133 min Scan# 3221
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

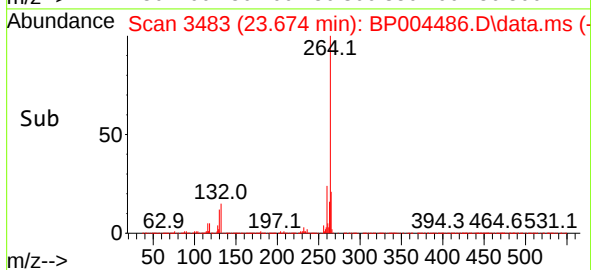
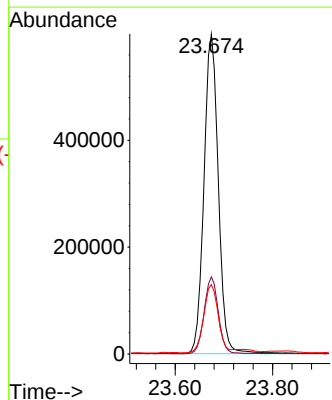
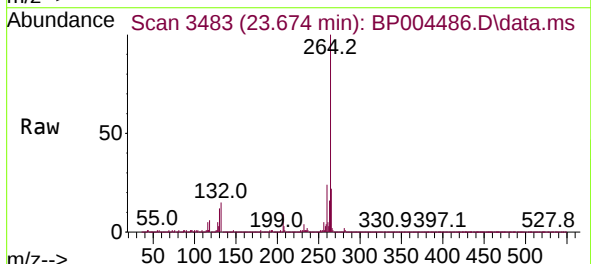
Instrument :
BNA_P
ClientSampled :
356

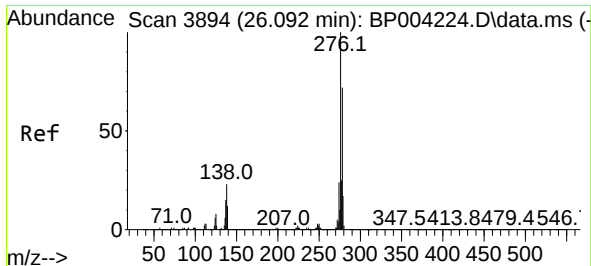
Tgt Ion:149 Resp: 48954
Ion Ratio Lower Upper
149 100
167 8.4 1.3 1.9#
43 14.9 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:264 Resp: 1222745
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.7 17.4 26.2

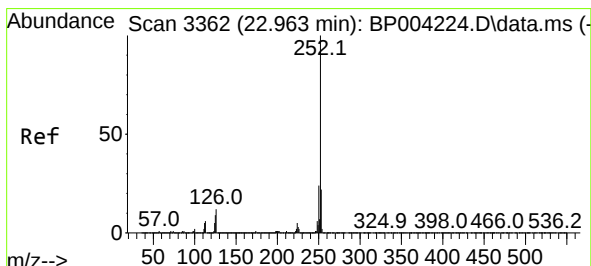
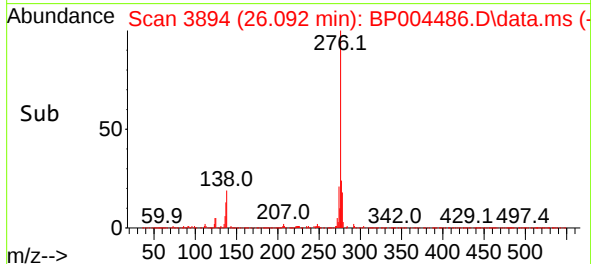
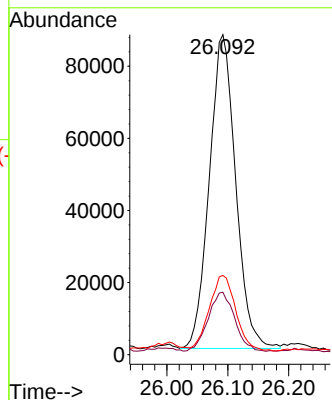
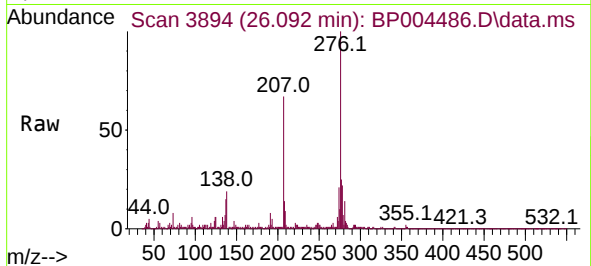




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.80 ng
RT: 26.092 min Scan# 3894
Delta R.T. -0.012 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

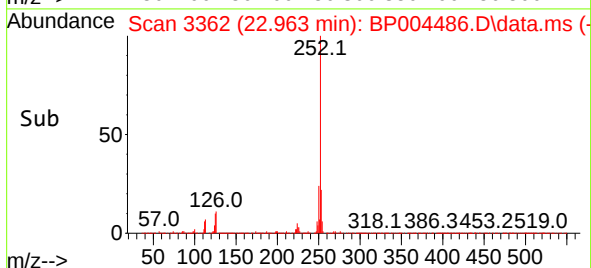
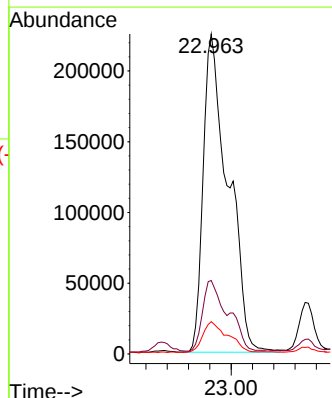
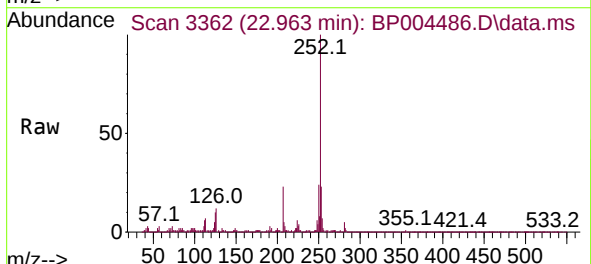
Instrument :
BNA_P
ClientSampled :
356

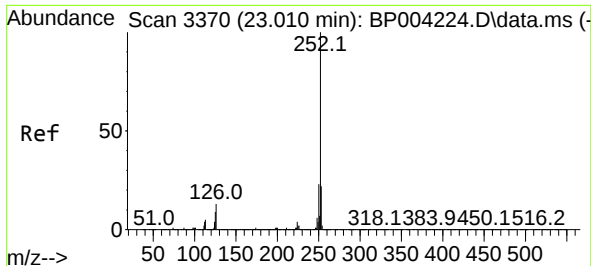
Tgt Ion:	276	Resp:	261555
Ion Ratio	Lower	Upper	
276	100		
138	18.9	18.7	28.1
277	24.2	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 9.07 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:	252	Resp:	731209
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	10.1	7.3	10.9

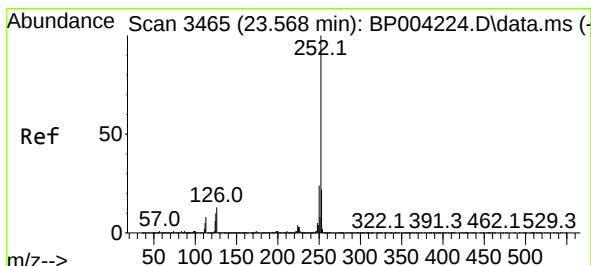
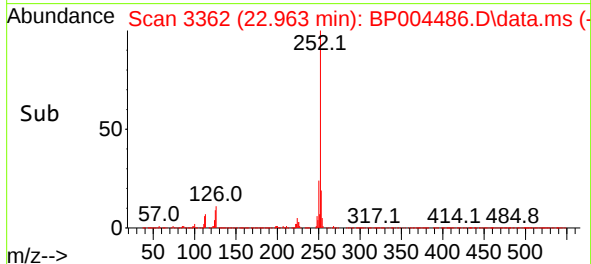
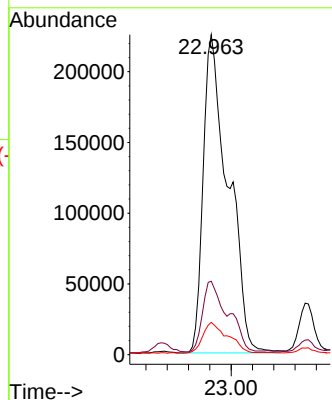
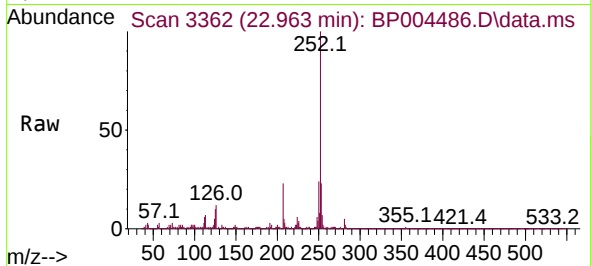




#89
Benzo(k)fluoranthene
Concen: 9.14 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

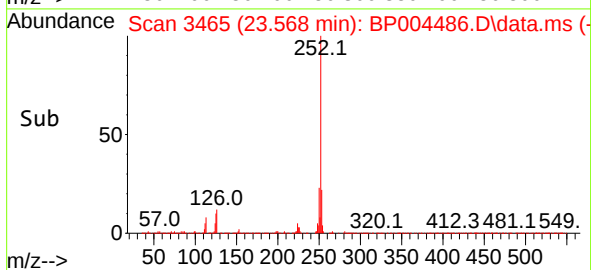
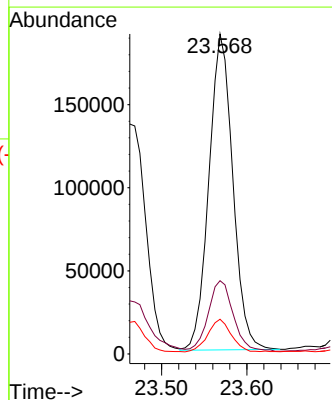
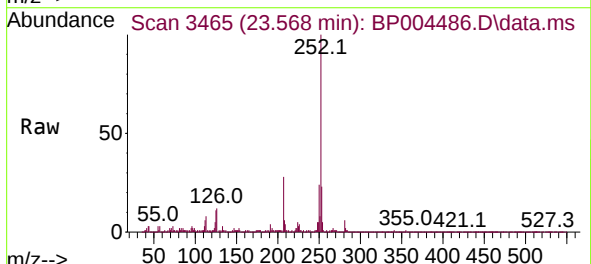
Instrument :
BNA_P
ClientSampled :
356

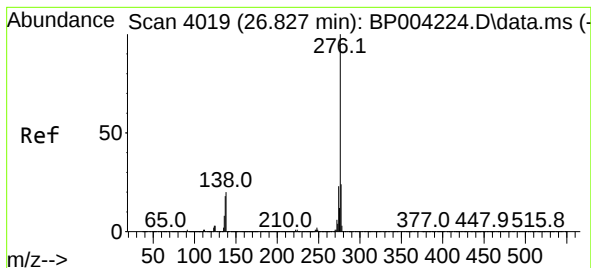
Tgt Ion:252 Resp: 731209
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 5.05 ng
RT: 23.568 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP004486.D
Acq: 07 Jan 2021 18:38

Tgt Ion:252 Resp: 370578
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 10.9 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 3.77 ng

RT: 26.833 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP004486.D

Acq: 07 Jan 2021 18:38

Instrument :

BNA_P

ClientSampleId :

356

Tgt Ion:276 Resp: 282874

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.6

138 21.2 16.6 24.8

