

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005274.D
 Acq On : 12 Apr 2021 19:41
 Operator : CG/JU
 Sample : M1997-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-58-56

Quant Time: Apr 13 00:27:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

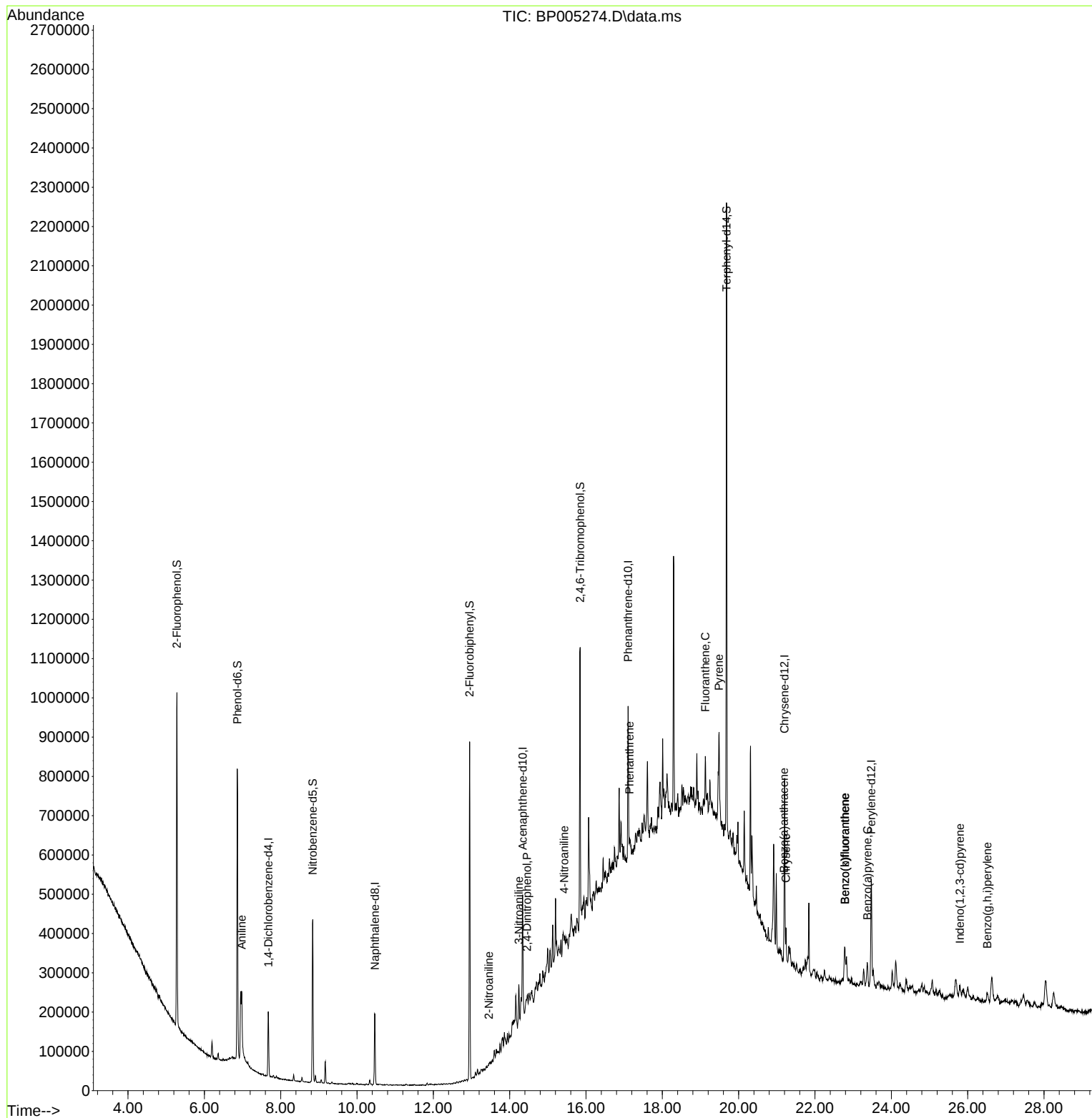
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	36087	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	124194	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	77257	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	171834	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	181612	20.00	ng	0.00
86) Perylene-d12	23.474	264	183079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	351732	102.29	ng	0.00
7) Phenol-d6	6.863	99	389076	99.17	ng	0.00
23) Nitrobenzene-d5	8.840	82	259092	65.79	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	102444	105.05	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	362053	63.27	ng	0.00
79) Terphenyl-d14	19.680	244	588281	63.63	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.981	93	43033	10.19	ng	# 60
48) 2-Nitroaniline	13.457	65	476	3.74	ng	# 13
53) 3-Nitroaniline	14.245	138	815	3.09	ng	# 36
54) 2,4-Dinitrophenol	14.457	184	52	6.21	ng	# 1
62) 4-Nitroaniline	15.428	138	175	2.21	ng	# 1
71) Phenanthrene	17.145	178	19661	2.02	ng	# 79
75) Fluoranthene	19.127	202	67235	5.64	ng	95
78) Pyrene	19.480	202	63392	5.62	ng	96
81) Benzo(a)anthracene	21.186	228	33782	2.82	ng	98
83) Chrysene	21.239	228	40269	3.45	ng	99
87) Indeno(1,2,3-cd)pyrene	25.798	276	29343	2.10	ng	# 91
88) Benzo(b)fluoranthene	22.786	252	58598	4.89	ng	99
89) Benzo(k)fluoranthene	22.786	252	58598	5.10	ng	98
90) Benzo(a)pyrene	23.374	252	37425	3.37	ng	95
92) Benzo(g,h,i)perylene	26.515	276	32851	2.78	ng	# 90

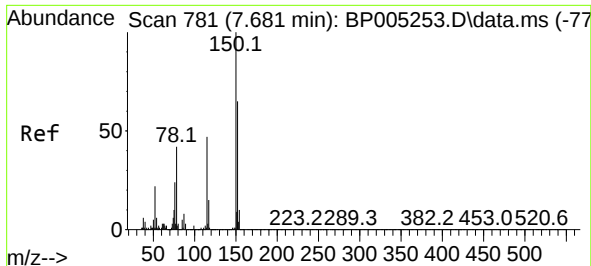
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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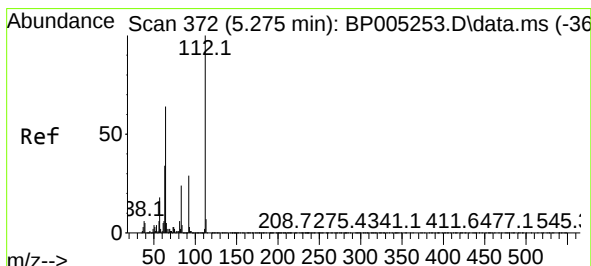
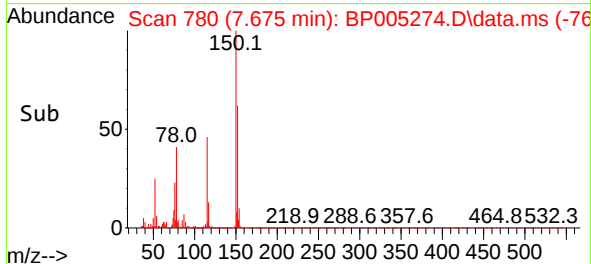
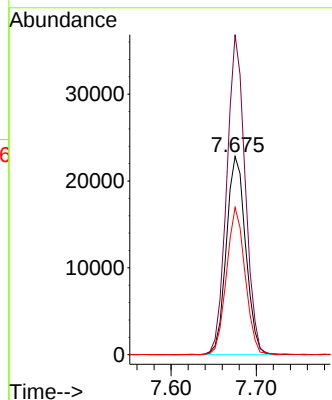
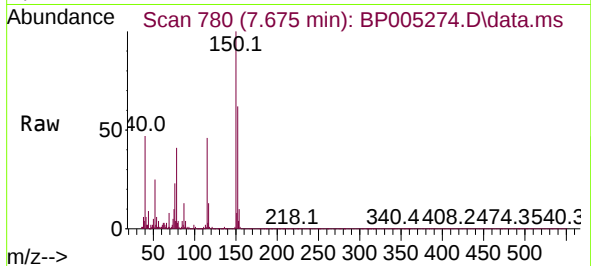




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

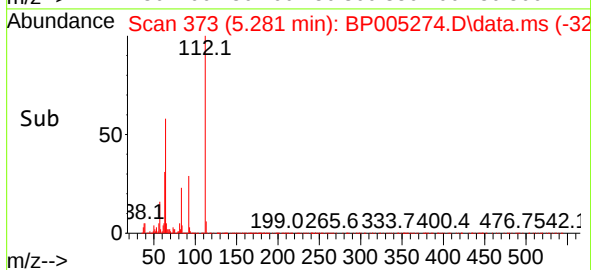
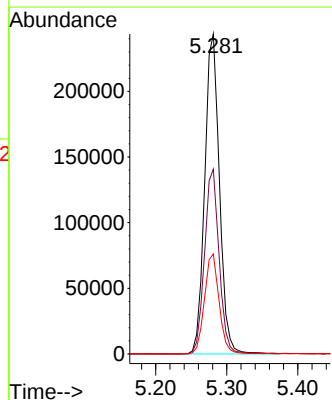
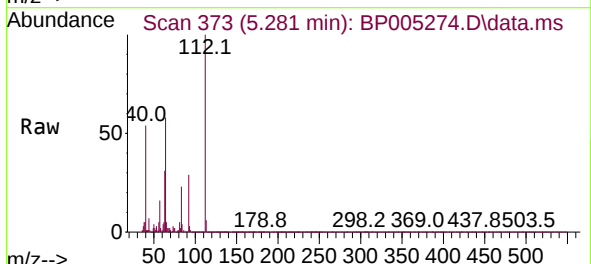
Instrument :
BNA_P
ClientSampleId :
RBR-58-56

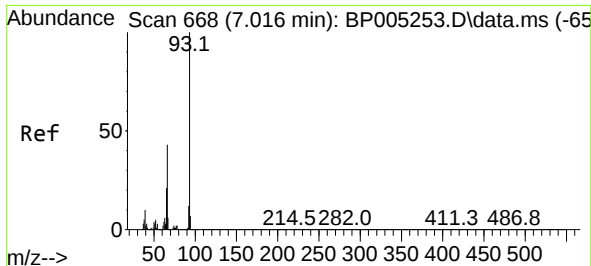
Tgt Ion:152 Resp: 36087
Ion Ratio Lower Upper
152 100
150 161.4 123.8 185.6
115 74.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 102.29 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:112 Resp: 351732
Ion Ratio Lower Upper
112 100
64 57.7 32.8 49.2#
63 31.2 17.0 25.4#

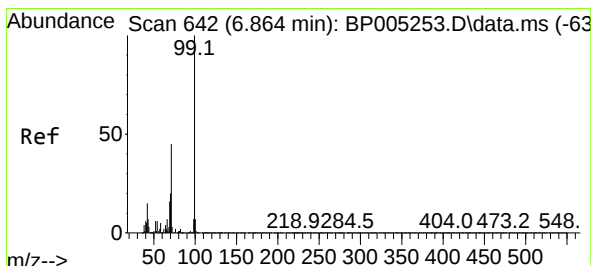
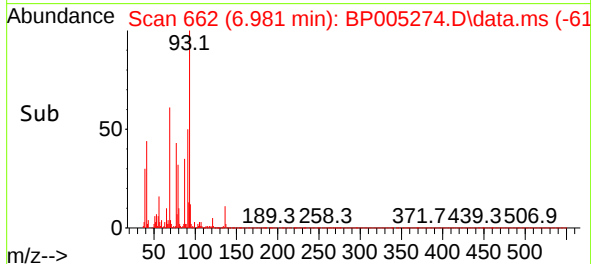
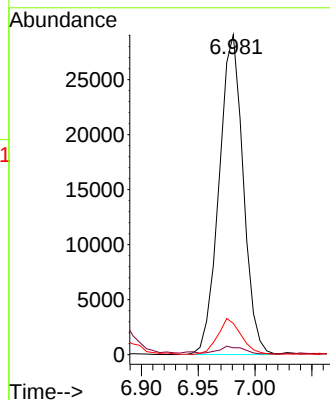
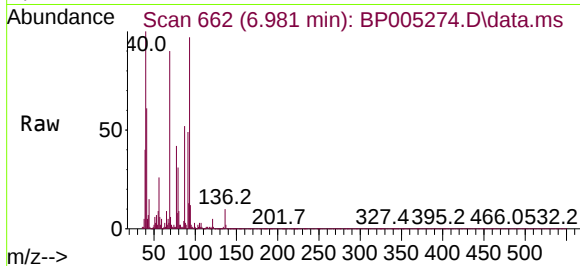




#6
Aniline
Concen: 10.19 ng
RT: 6.981 min Scan# 662
Delta R.T. -0.036 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

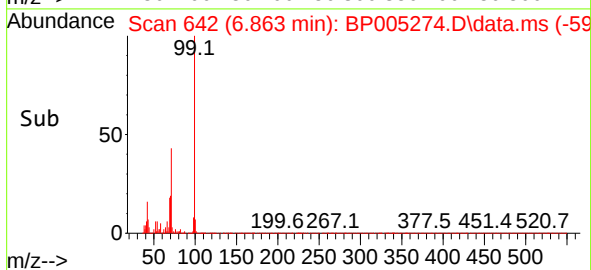
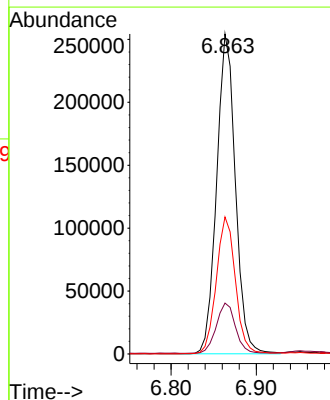
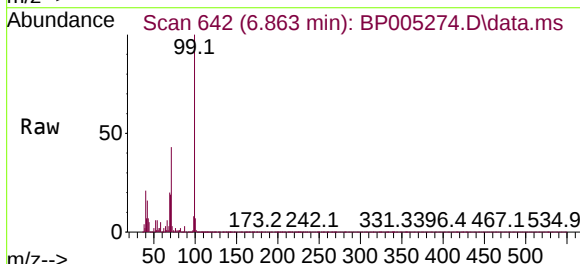
Instrument :
BNA_P
ClientSampleId :
RBR-58-56

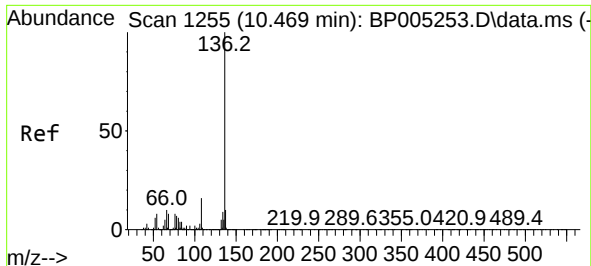
Tgt Ion: 93 Resp: 43033
Ion Ratio Lower Upper
93 100
66 2.2 25.4 38.0#
65 9.8 12.5 18.7#



#7
Phenol-d6
Concen: 99.17 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion: 99 Resp: 389076
Ion Ratio Lower Upper
99 100
42 15.9 8.6 13.0#
71 42.8 23.4 35.2#

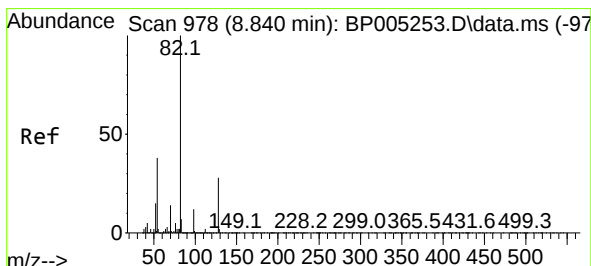
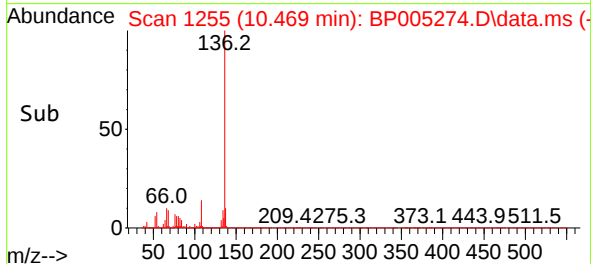
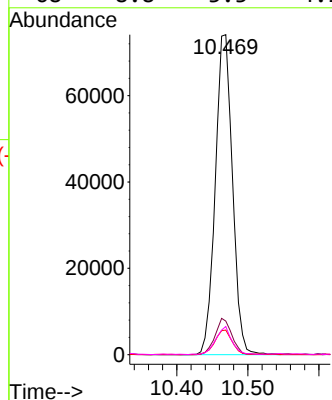
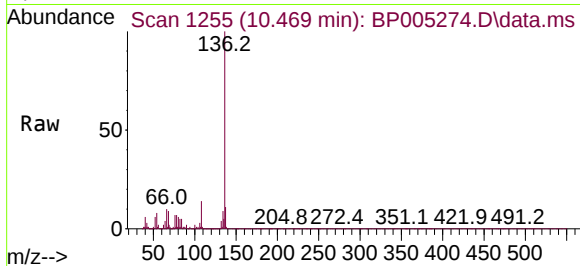




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

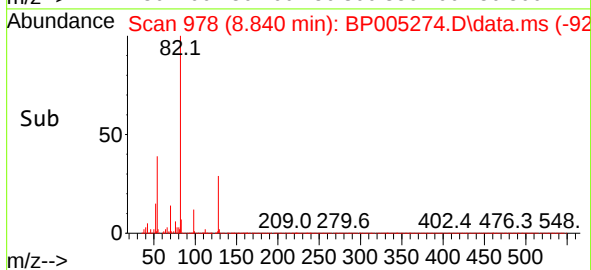
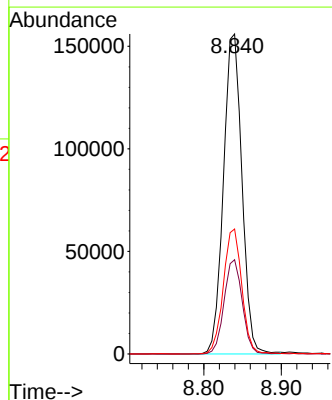
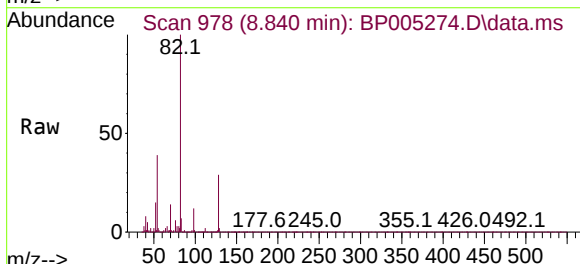
Instrument :
BNA_P
ClientSampleId :
RBR-58-56

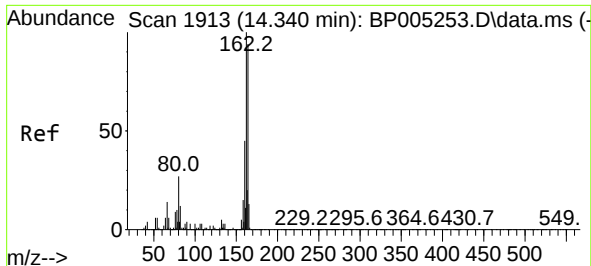
Tgt Ion:	136	Resp:	124194
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	7.7	3.6	5.4#
68	8.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 65.79 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:	82	Resp:	259092
Ion Ratio	Lower	Upper	
82	100		
128	29.4	45.6	68.4#
54	39.1	30.1	45.1

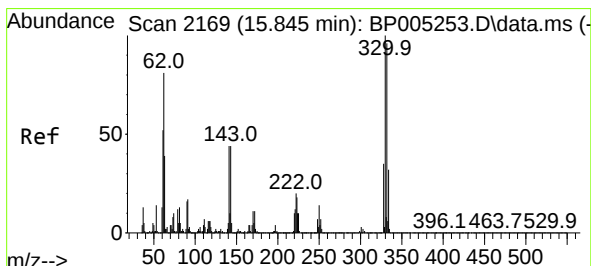
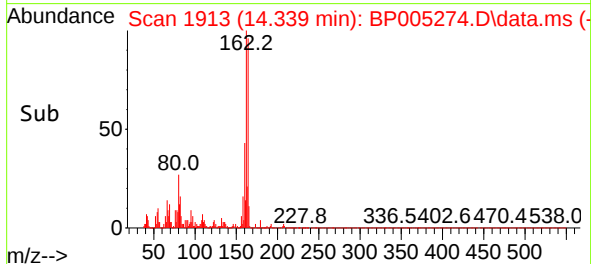
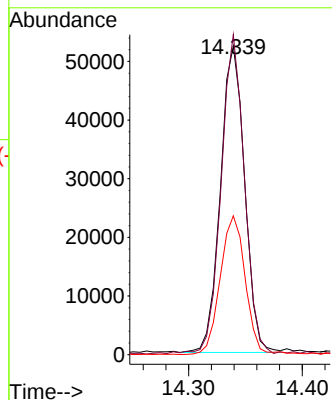
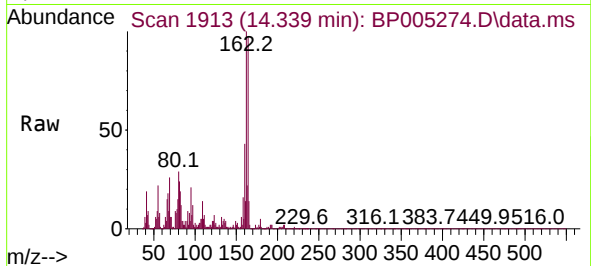




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

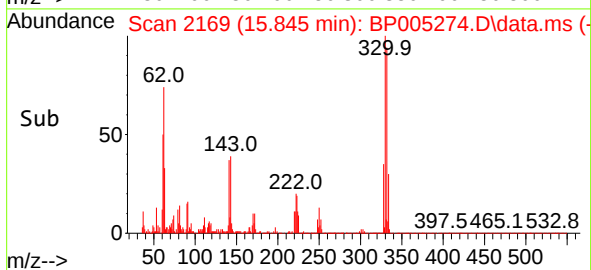
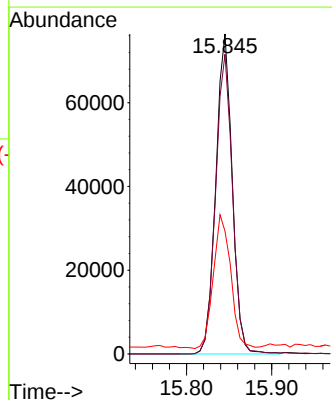
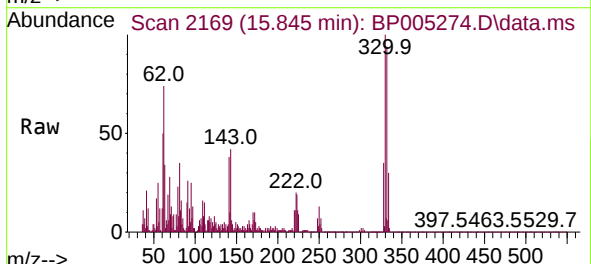
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ClientSampleId :
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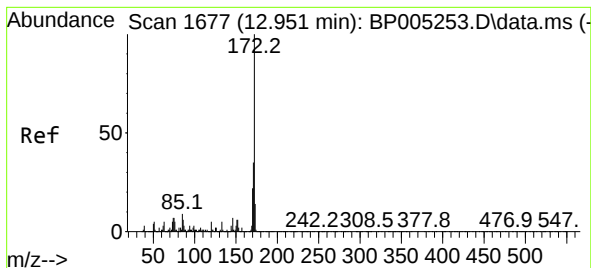
Tgt Ion:164 Resp: 77257
Ion Ratio Lower Upper
164 100
162 103.6 79.4 119.2
160 45.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 105.05 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:330 Resp: 102444
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 44.0 23.4 35.2#

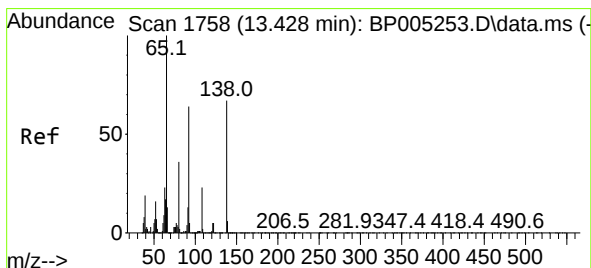
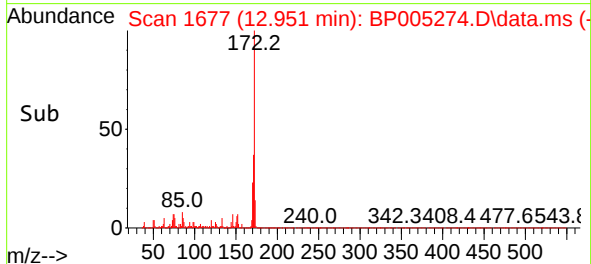
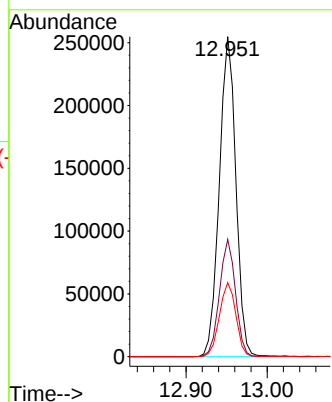
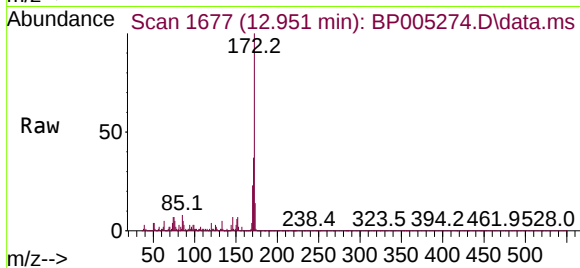




#45
2-Fluorobiphenyl
Concen: 63.27 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

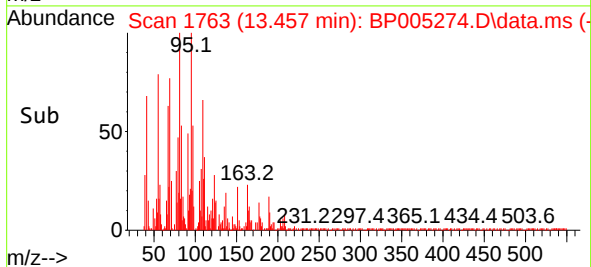
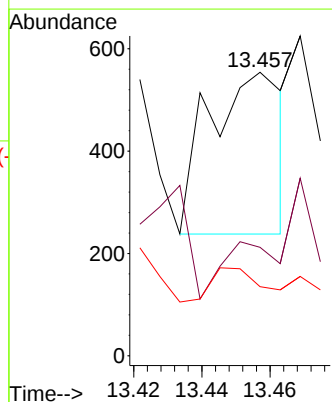
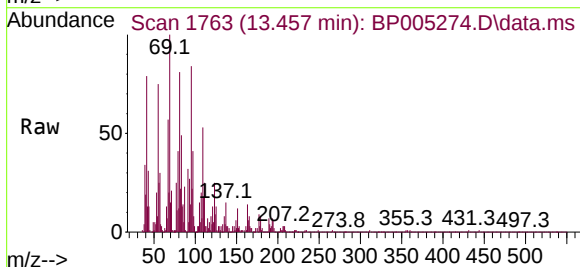
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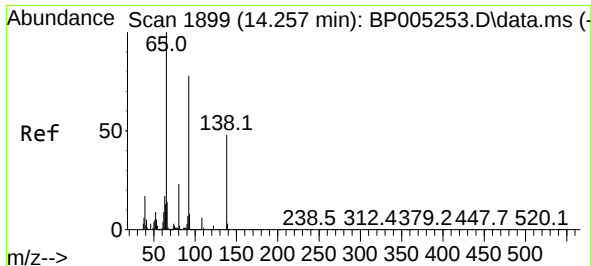
Tgt Ion:172 Resp: 362053
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 23.2 19.2 28.8



#48
2-Nitroaniline
Concen: 3.74 ng
RT: 13.457 min Scan# 1763
Delta R.T. 0.029 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion: 65 Resp: 476
Ion Ratio Lower Upper
65 100
92 38.3 70.6 106.0#
138 24.4 133.6 200.4#

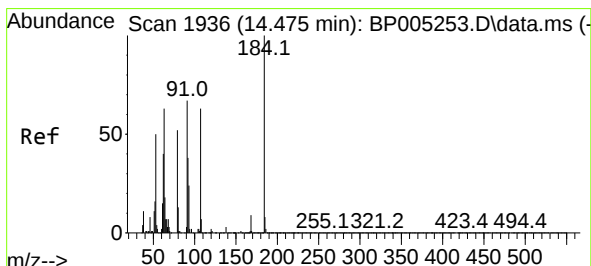
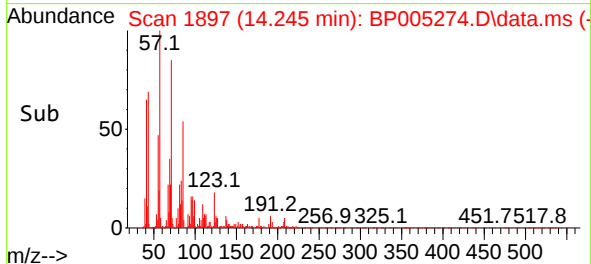
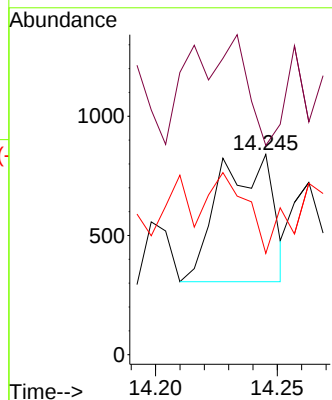
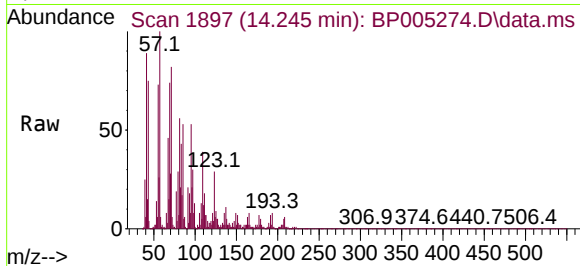




#53
3-Nitroaniline
Concen: 3.09 ng
RT: 14.245 min Scan# 1897
Delta R.T. -0.012 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

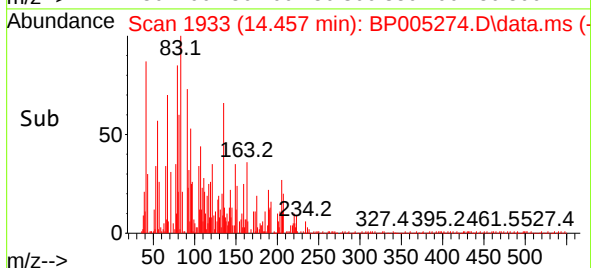
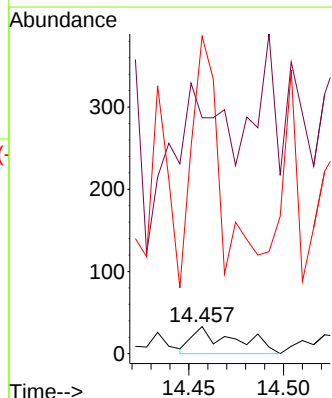
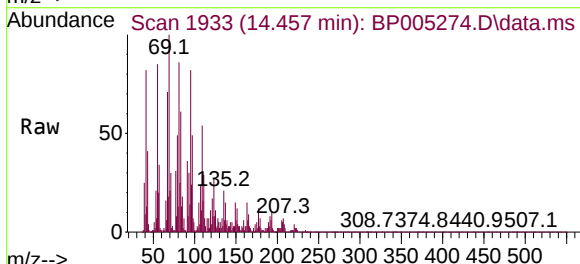
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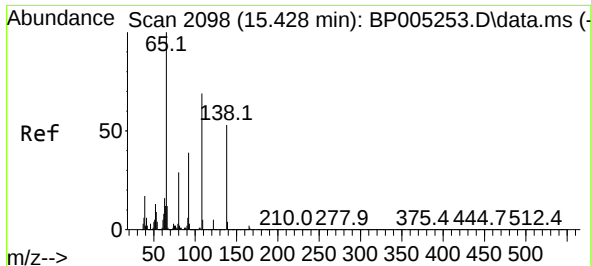
Tgt Ion:138 Resp: 815
Ion Ratio Lower Upper
138 100
108 104.5 7.5 11.3#
92 50.6 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 6.21 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.018 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:184 Resp: 52
Ion Ratio Lower Upper
184 100
63 869.7 32.3 48.5#
154 1169.7 49.1 73.7#

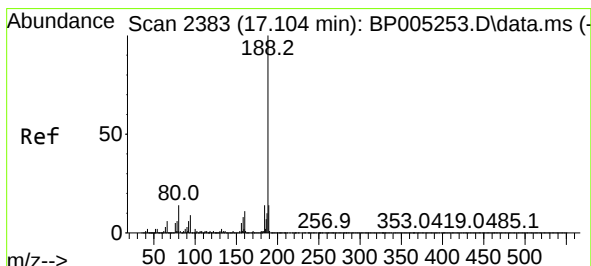
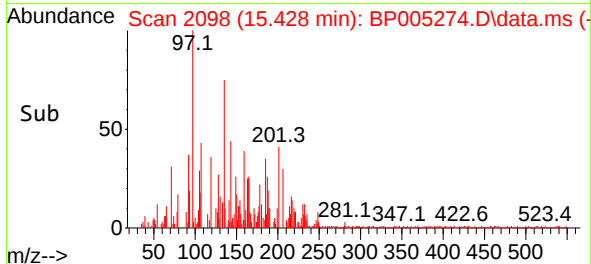
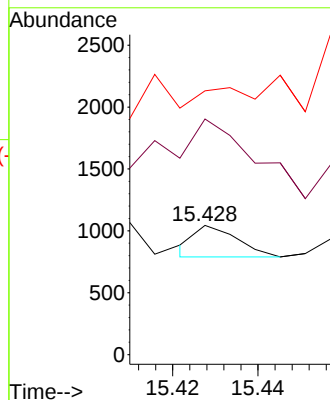
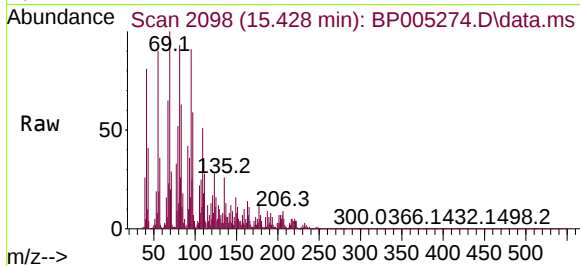




#62
4-Nitroaniline
Concen: 2.21 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

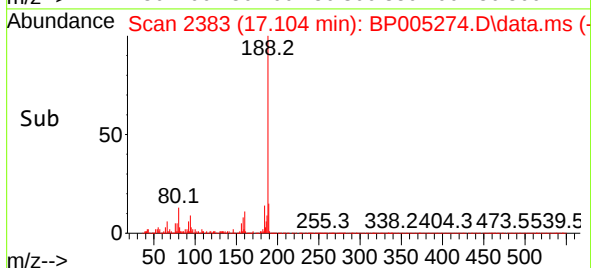
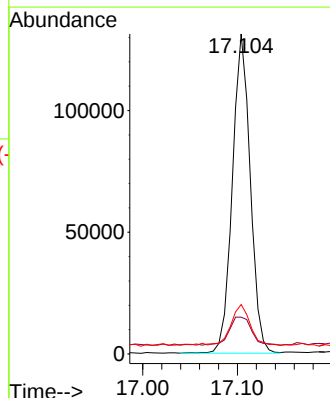
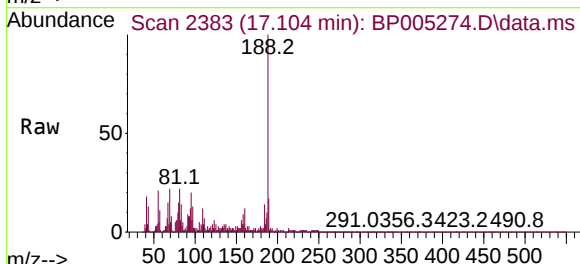
Instrument :
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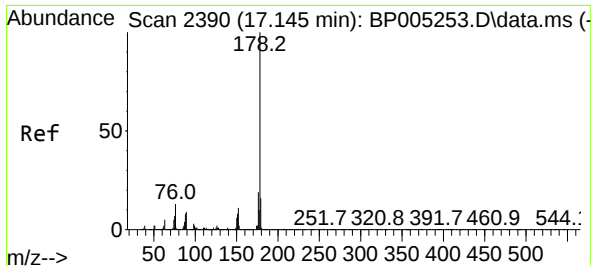
Tgt Ion:138 Resp: 175
Ion Ratio Lower Upper
138 100
92 182.4 20.7 60.7#
108 204.1 47.8 87.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:188 Resp: 171834
Ion Ratio Lower Upper
188 100
94 11.5 6.2 9.2#
80 15.5 6.2 9.2#

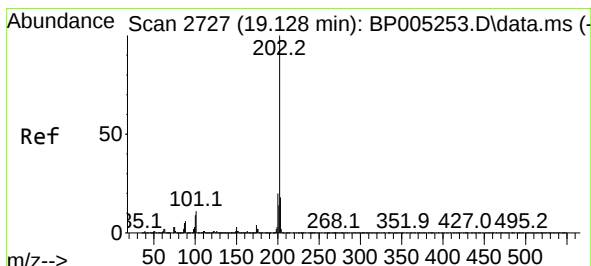
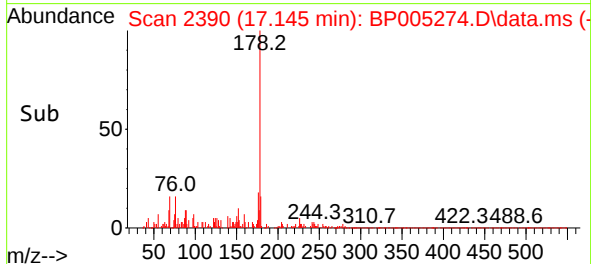
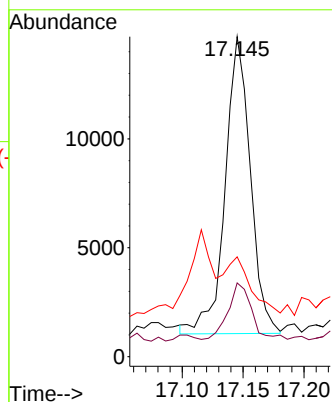
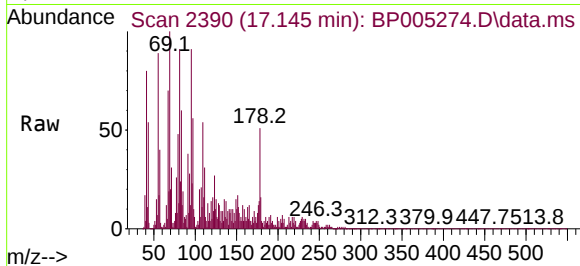




#71
Phenanthrene
Concen: 2.02 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

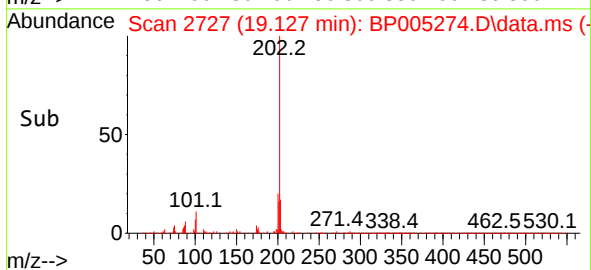
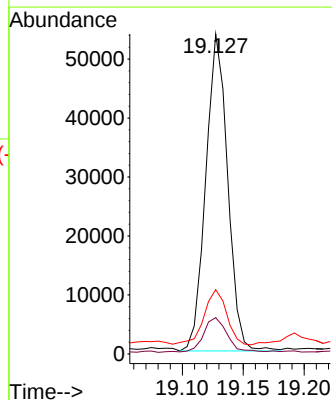
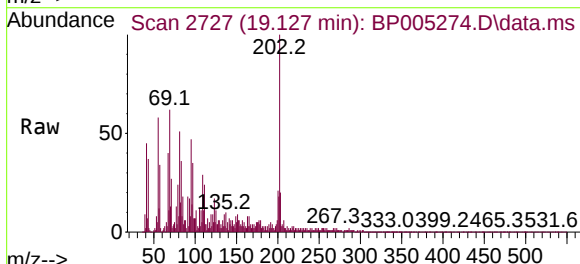
Instrument :
BNA_P
ClientSampleId :
RBR-58-56

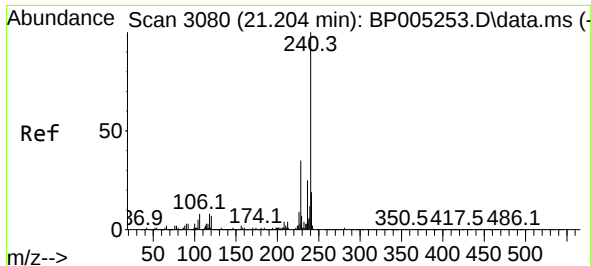
Tgt Ion:178 Resp: 19661
Ion Ratio Lower Upper
178 100
176 23.0 15.3 22.9#
179 31.2 12.5 18.7#



#75
Fluoranthene
Concen: 5.64 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:202 Resp: 67235
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.4
203 20.1 0.0 37.8

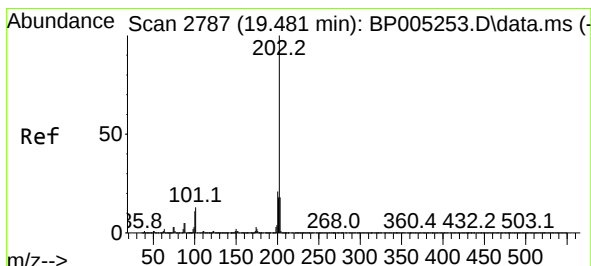
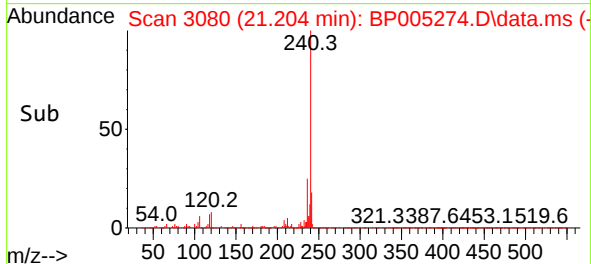
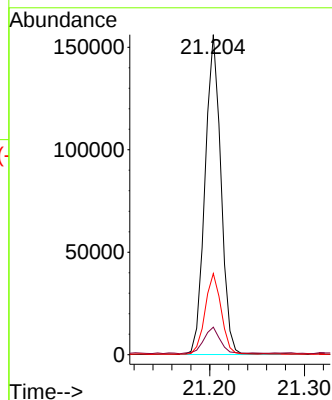
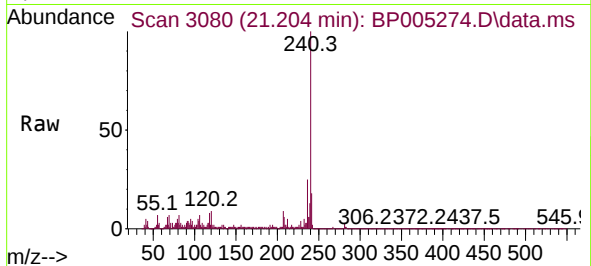




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

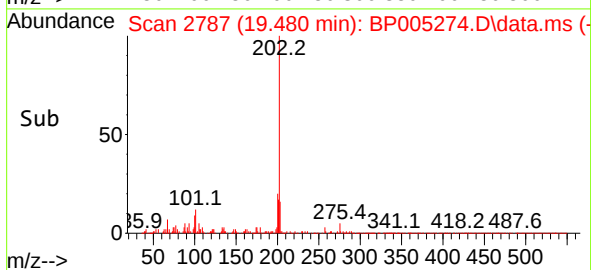
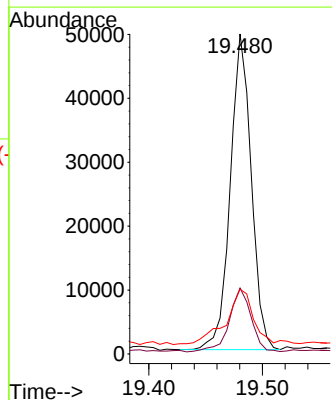
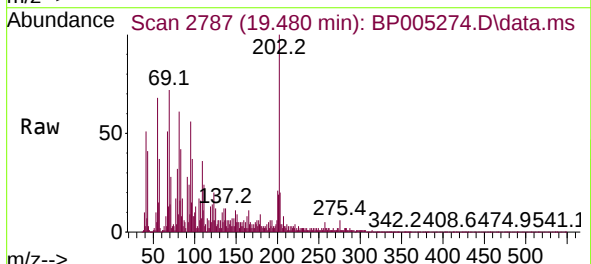
Instrument :
BNA_P
ClientSampleId :
RBR-58-56

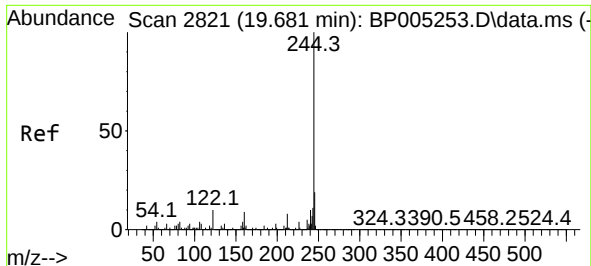
Tgt Ion:	240	Resp:	181612
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.8	11.6
236	25.3	20.8	31.2



#78
Pyrene
Concen: 5.62 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:	202	Resp:	63392
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.1	25.7
203	20.3	14.2	21.2

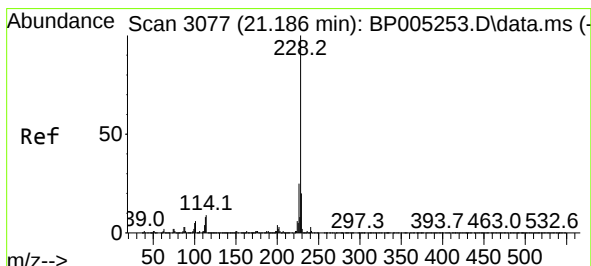
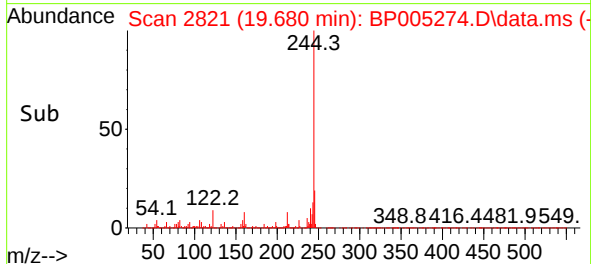
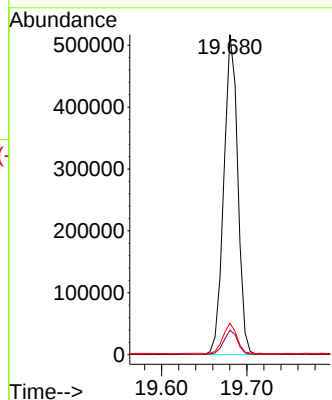
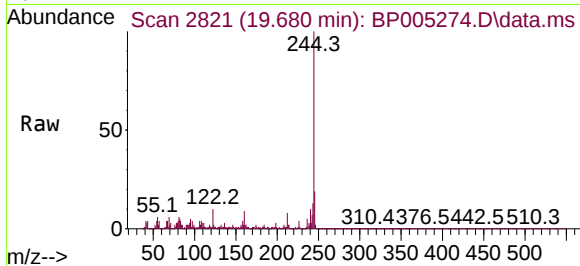




#79
 Terphenyl-d14
 Concen: 63.63 ng
 RT: 19.680 min Scan# 2821
 Delta R.T. -0.000 min
 Lab File: BP005274.D
 Acq: 12 Apr 2021 19:41

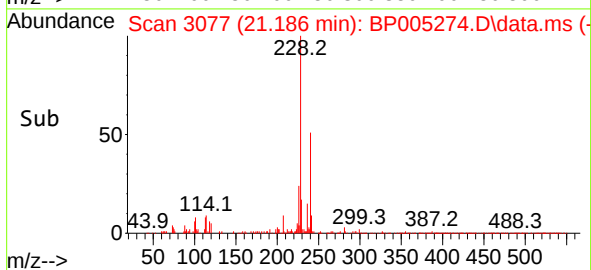
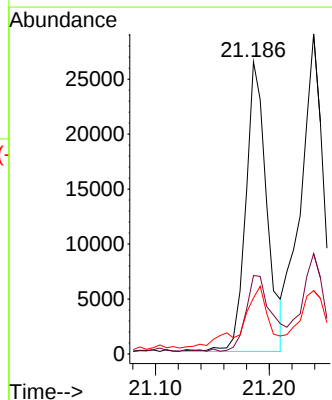
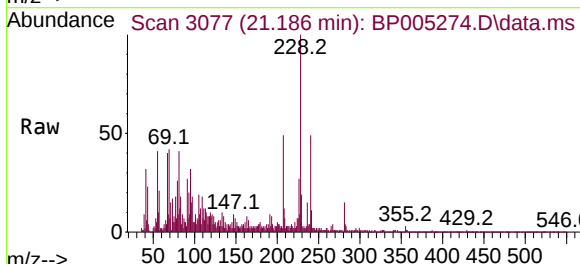
Instrument :
 BNA_P
 ClientSampleId :
 RBR-58-56

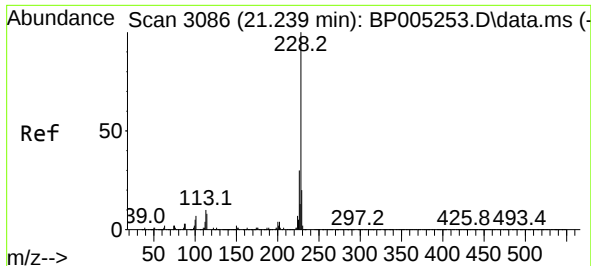
Tgt Ion:244	Resp: 588281
Ion Ratio	Lower Upper
244 100	
212 7.7	5.8 8.6
122 9.8	7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.82 ng
 RT: 21.186 min Scan# 3077
 Delta R.T. -0.000 min
 Lab File: BP005274.D
 Acq: 12 Apr 2021 19:41

Tgt Ion:228	Resp: 33782
Ion Ratio	Lower Upper
228 100	
226 26.8	22.1 33.1
229 19.1	15.9 23.9

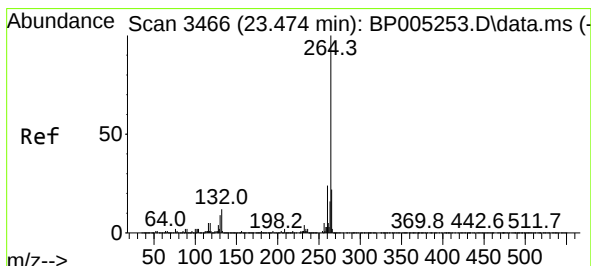
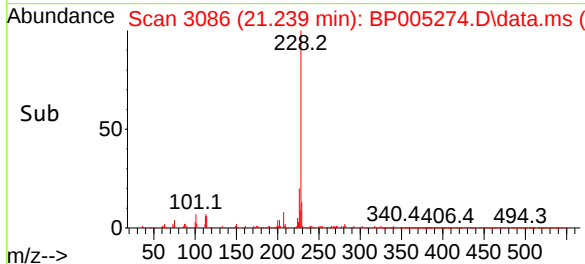
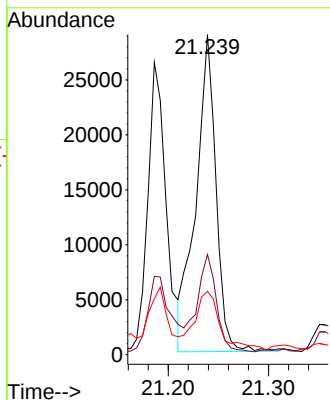
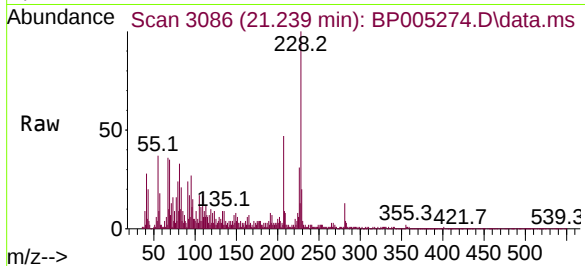




#83
Chrysene
Concen: 3.45 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

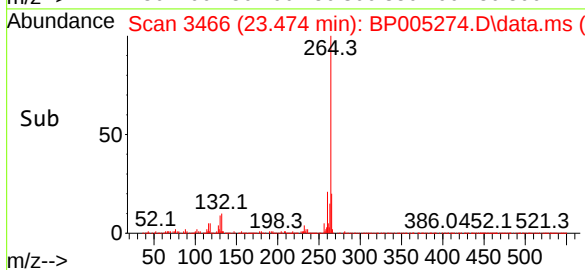
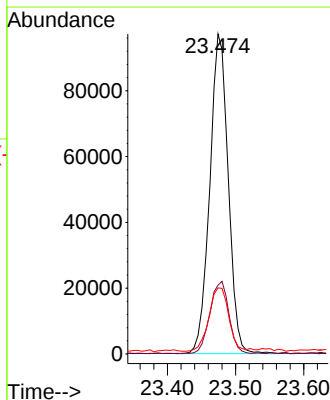
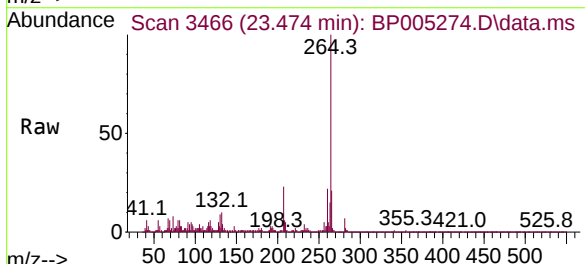
Instrument :
BNA_P
ClientSampleId :
RBR-58-56

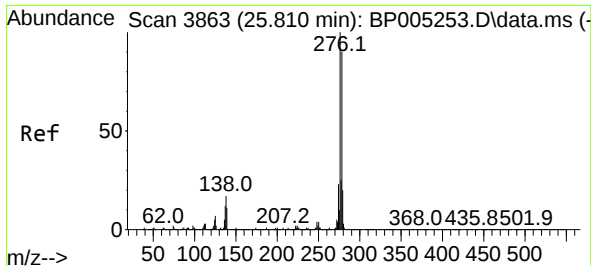
Tgt Ion:	228	Resp:	40269
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.4	36.6
229	19.8	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.474 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:	264	Resp:	183079
Ion Ratio	Lower	Upper	
264	100		
260	21.5	18.8	28.2
265	20.6	17.4	26.2

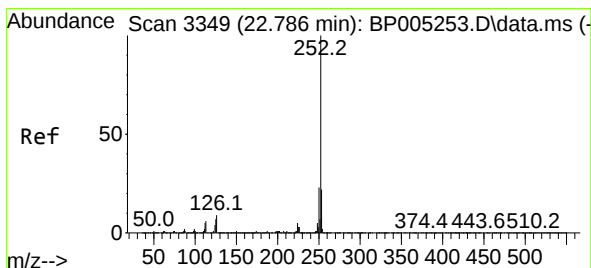
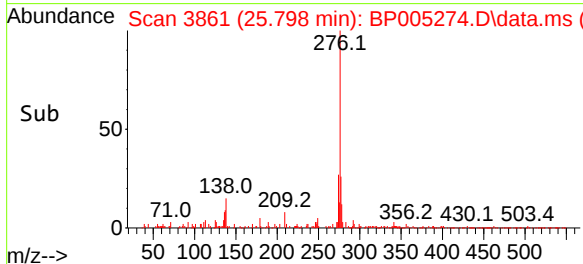
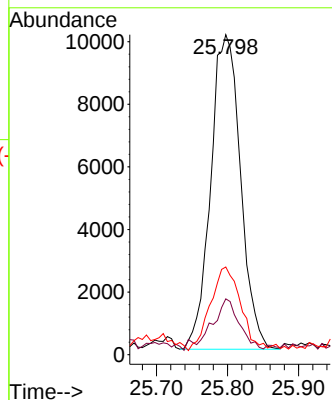
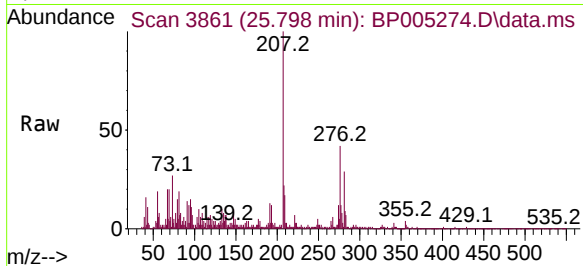




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 25.798 min Scan# 3861
Delta R.T. -0.012 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

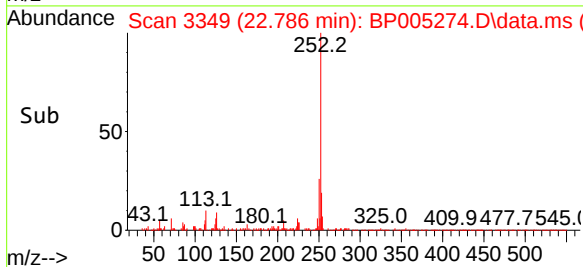
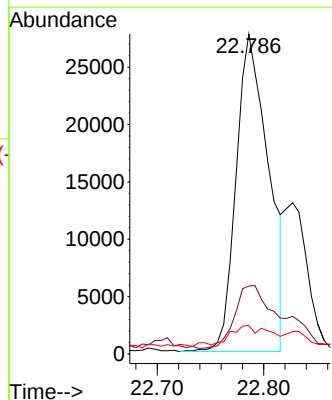
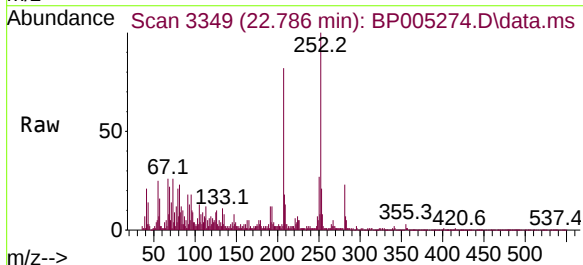
Instrument :
BNA_P
ClientSampleId :
RBR-58-56

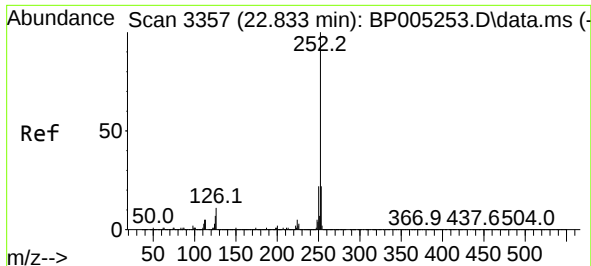
Tgt Ion:276 Resp: 29343
Ion Ratio Lower Upper
276 100
138 15.3 18.7 28.1#
277 26.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 4.89 ng
RT: 22.786 min Scan# 3349
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:252 Resp: 58598
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 8.9 7.3 10.9

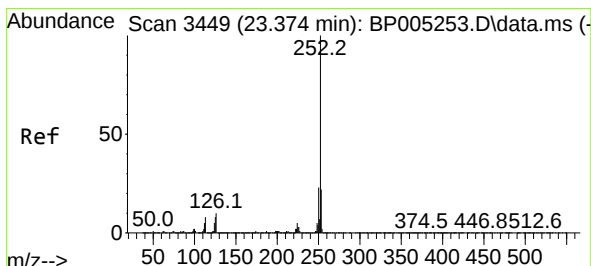
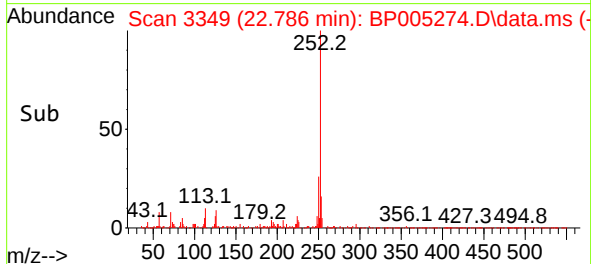
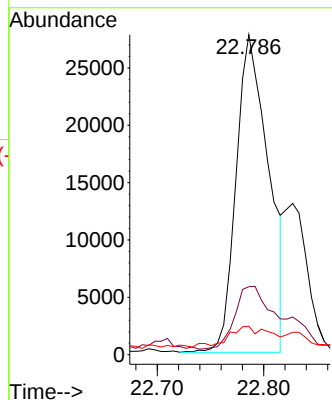
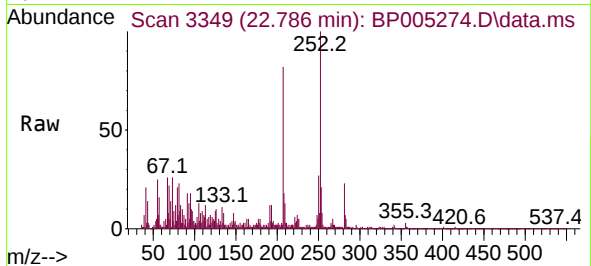




#89
Benzo(k)fluoranthene
Concen: 5.10 ng
RT: 22.786 min Scan# 3349
Delta R.T. -0.047 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

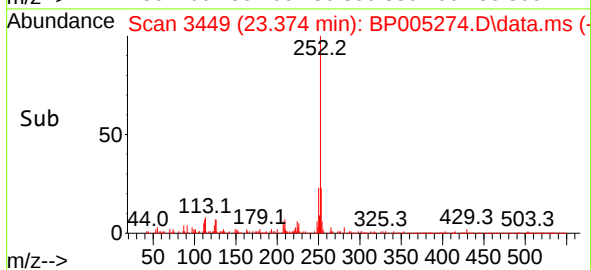
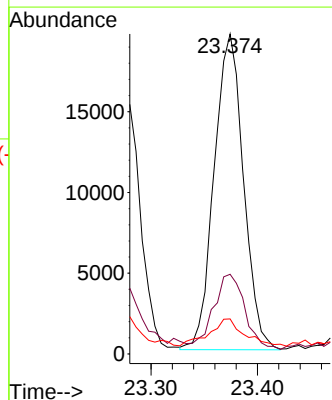
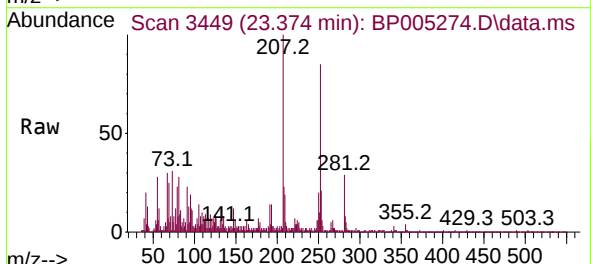
Instrument :
BNA_P
ClientSampleId :
RBR-58-56

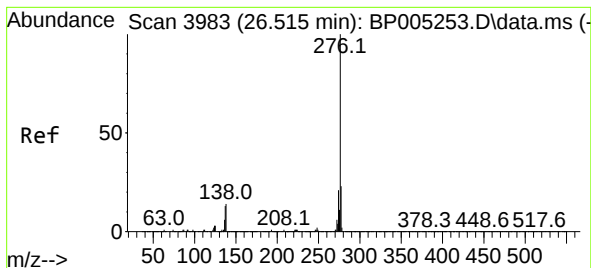
Tgt Ion:252 Resp: 58598
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 8.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 3.37 ng
RT: 23.374 min Scan# 3449
Delta R.T. -0.000 min
Lab File: BP005274.D
Acq: 12 Apr 2021 19:41

Tgt Ion:252 Resp: 37425
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 10.9 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 2.78 ng

RT: 26.515 min Scan# 3983

Delta R.T. -0.000 min

Lab File: BP005274.D

Acq: 12 Apr 2021 19:41

Instrument :

BNA_P

ClientSampleId :

RBR-58-56

Tgt Ion:276 Resp: 32851

Ion Ratio Lower Upper

276 100

277 28.7 19.0 28.6#

138 16.5 16.6 24.8#

