

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005266.D
 Acq On : 12 Apr 2021 15:08
 Operator : CG/JU
 Sample : M1967-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SED-1C

Quant Time: Apr 12 16:09:57 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)

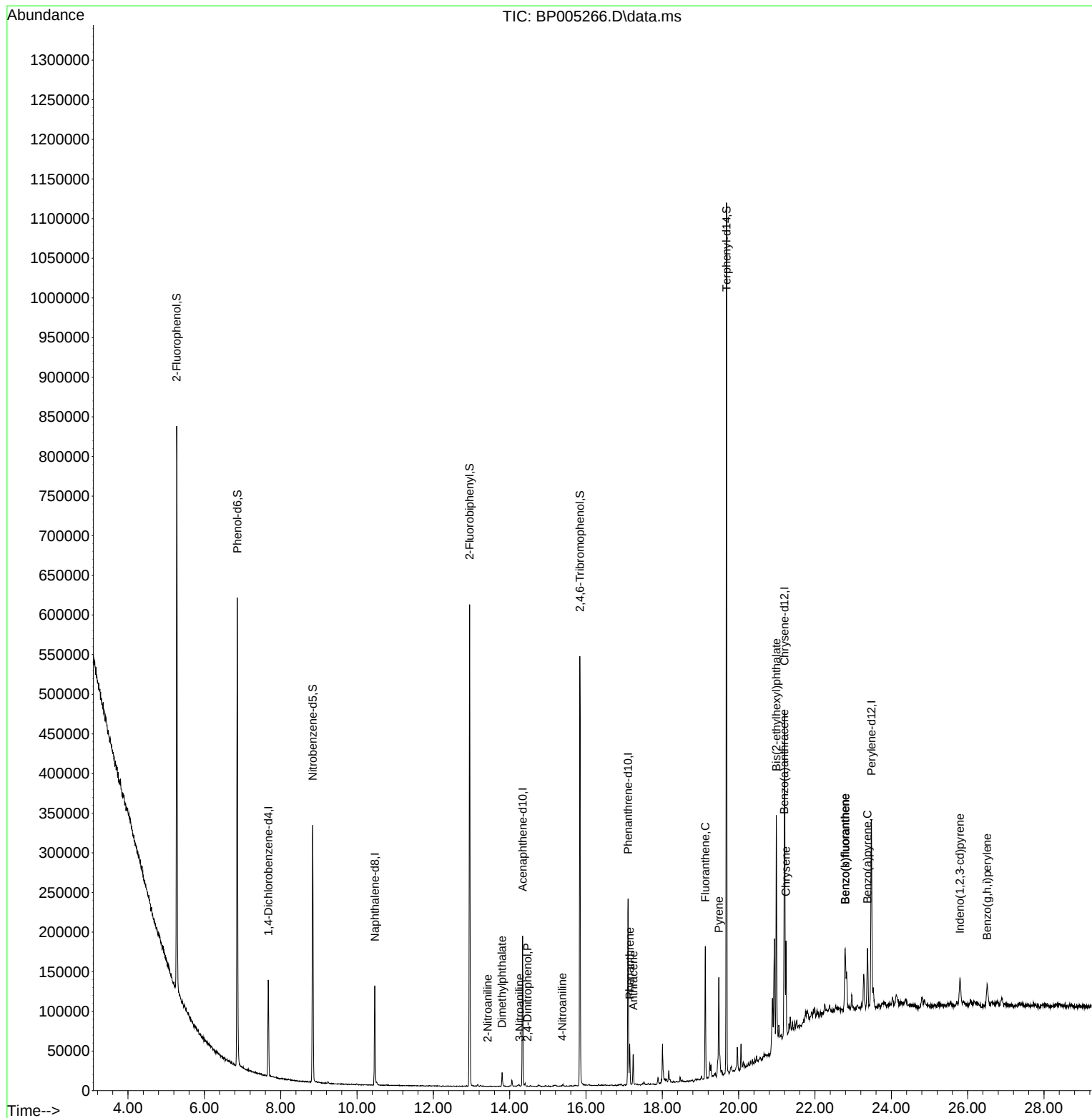
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	26223	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	82057	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	48109	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	114351	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	149111	20.00	ng	0.00
86) Perylene-d12	23.480	264	159515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	288448	115.44	ng	0.00
7) Phenol-d6	6.863	99	304153	106.68	ng	0.00
23) Nitrobenzene-d5	8.840	82	197647	75.96	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	69748	114.85	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	238304	66.87	ng	0.00
79) Terphenyl-d14	19.680	244	401752	52.93	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.422	65	12	3.53	ng	# 1
50) Dimethylphthalate	13.798	163	8794	2.49	ng	# 93
53) 3-Nitroaniline	14.263	138	6	2.48	ng	# 52
54) 2,4-Dinitrophenol	14.469	184	7	6.16	ng	# 1
62) 4-Nitroaniline	15.381	138	24	2.11	ng	86
71) Phenanthrene	17.145	178	24539	3.80	ng	98
72) Anthracene	17.239	178	19044	3.04	ng	96
75) Fluoranthene	19.127	202	82537	10.41	ng	99
78) Pyrene	19.480	202	66918	7.22	ng	99
81) Benzo(a)anthracene	21.192	228	52280	5.31	ng	95
83) Chrysene	21.239	228	58485	6.11	ng	98
84) Bis(2-ethylhexyl)phtha...	20.986	149	78970	14.51	ng	# 53
87) Indeno(1,2,3-cd)pyrene	25.798	276	34161	2.80	ng	# 92
88) Benzo(b)fluoranthene	22.792	252	65079	6.23	ng	96
89) Benzo(k)fluoranthene	22.792	252	65079	6.50	ng	96
90) Benzo(a)pyrene	23.374	252	47918	4.96	ng	98
92) Benzo(g,h,i)perylene	26.509	276	33370	3.25	ng	96

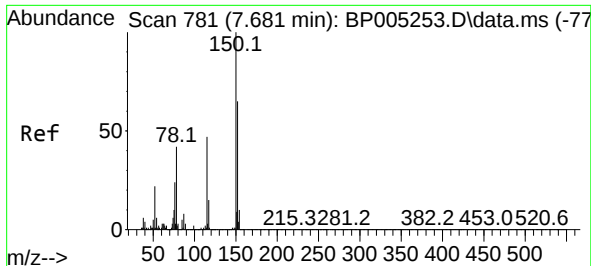
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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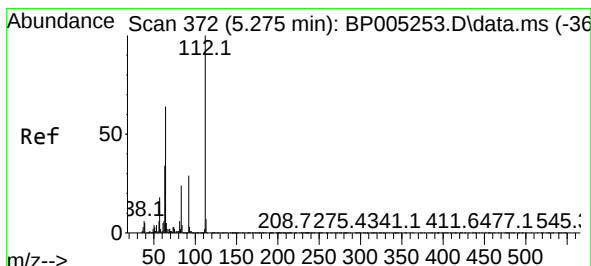
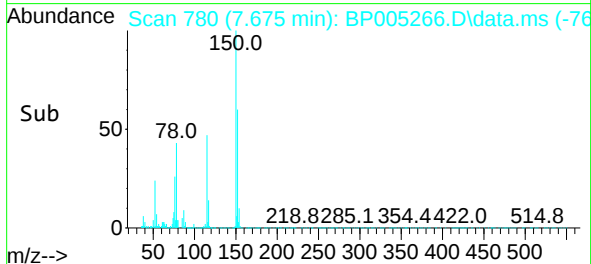
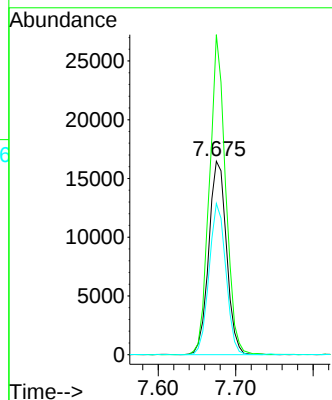
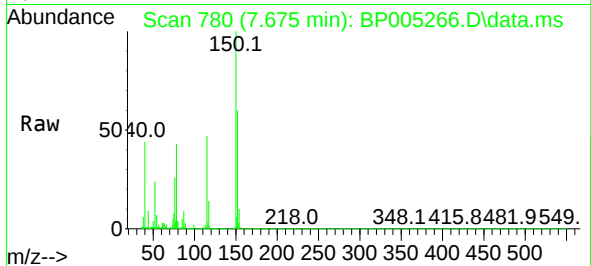




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

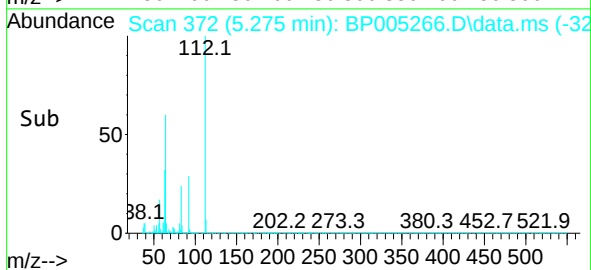
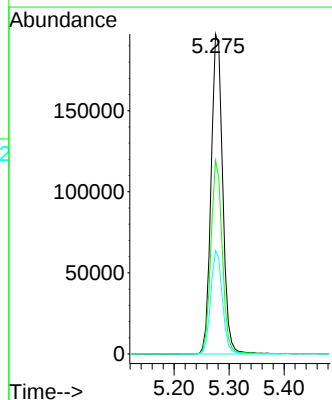
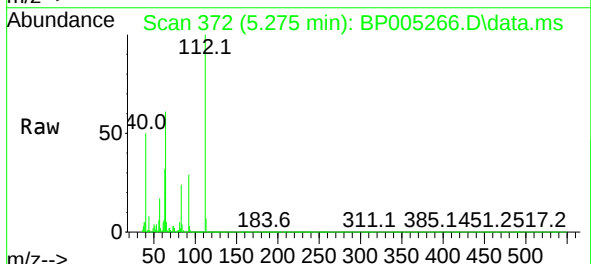
Instrument :
BNA_P
ClientSampled :
SED-1C

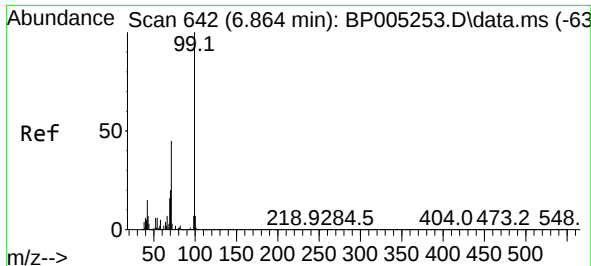
Tgt Ion:152 Resp: 26223
Ion Ratio Lower Upper
152 100
150 165.5 123.8 185.6
115 78.2 43.8 65.6#



#5
2-Fluorophenol
Concen: 115.44 ng
RT: 5.275 min Scan# 372
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion:112 Resp: 288448
Ion Ratio Lower Upper
112 100
64 60.5 32.8 49.2#
63 32.3 17.0 25.4#

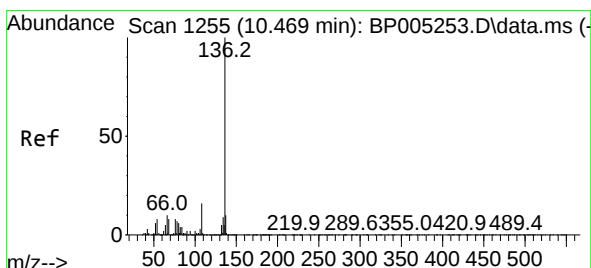
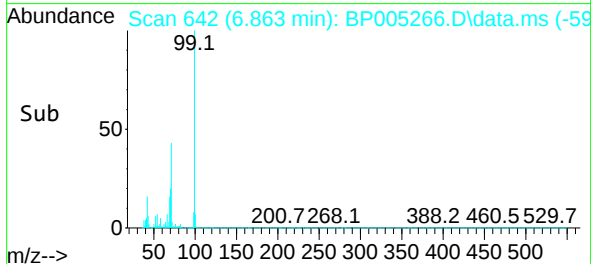
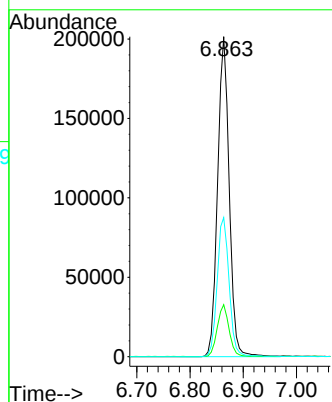
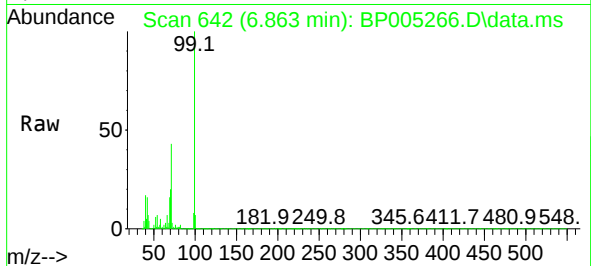




#7
Phenol-d6
Concen: 106.68 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

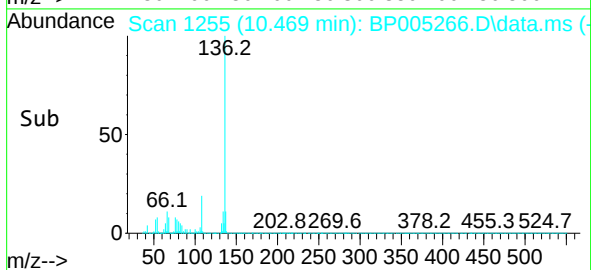
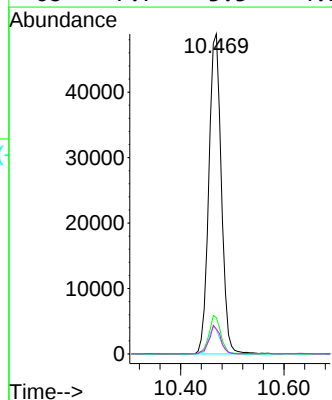
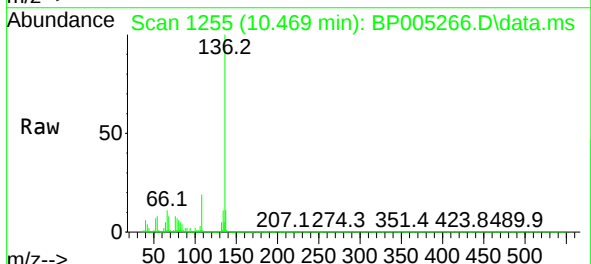
Instrument :
BNA_P
ClientSampleId :
SED-1C

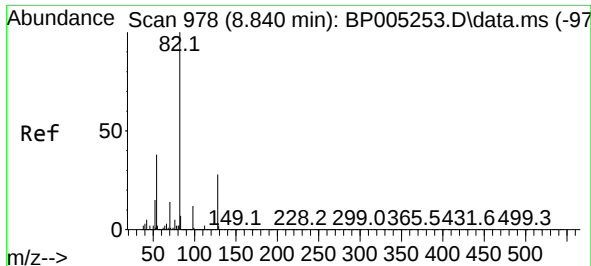
Tgt Ion: 99 Resp: 304153
Ion Ratio Lower Upper
99 100
42 16.3 8.6 13.0#
71 43.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion: 136 Resp: 82057
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.7 3.6 5.4#
68 7.7 3.3 4.9#

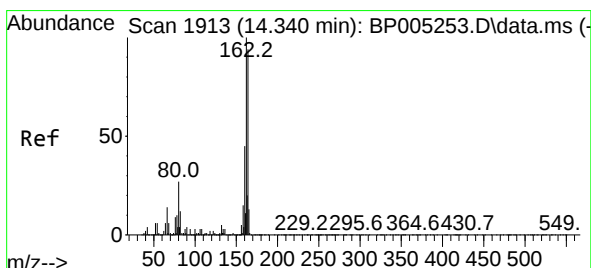
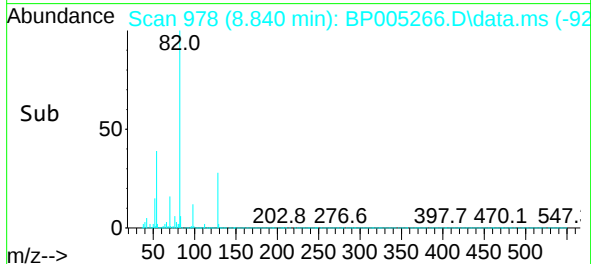
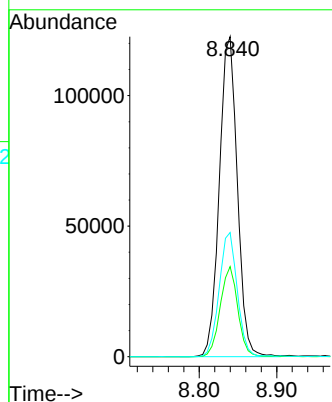
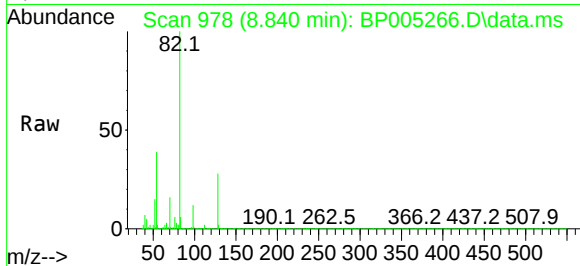




#23
Nitrobenzene-d5
Concen: 75.96 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

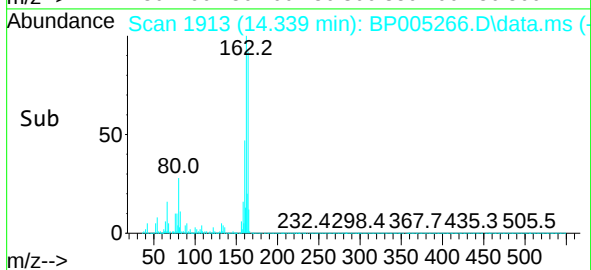
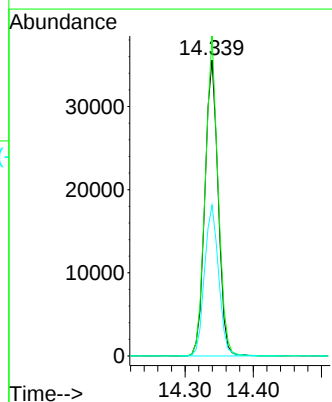
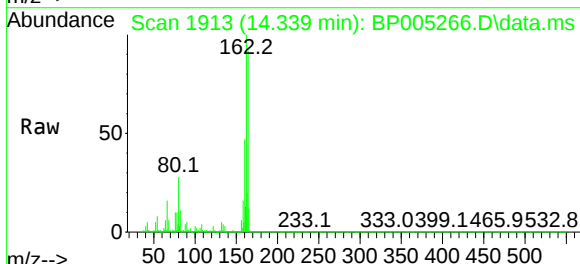
Instrument :
BNA_P
ClientSampleId :
SED-1C

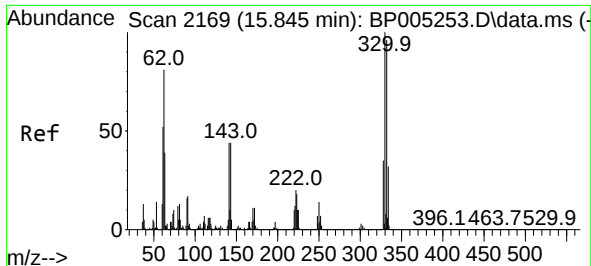
Tgt Ion: 82 Resp: 197647
Ion Ratio Lower Upper
82 100
128 28.2 45.6 68.4#
54 38.8 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion: 164 Resp: 48109
Ion Ratio Lower Upper
164 100
162 108.2 79.4 119.2
160 50.9 36.1 54.1

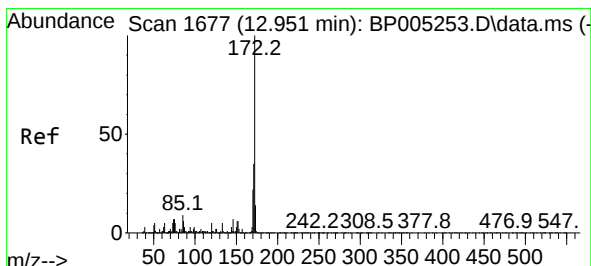
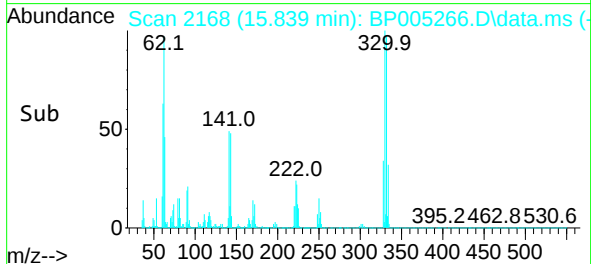
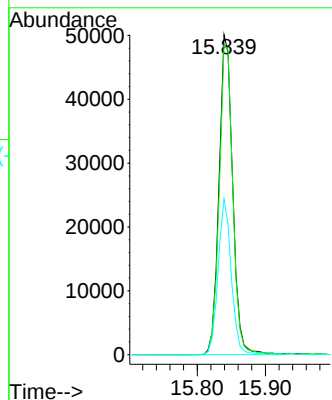
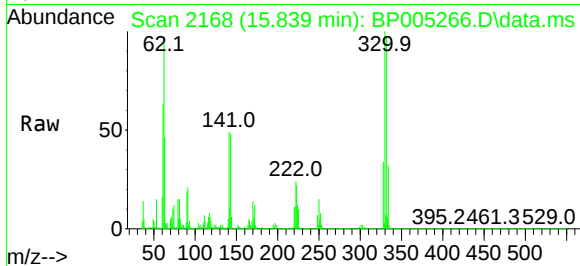




#42
2,4,6-Tribromophenol
Concen: 114.85 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

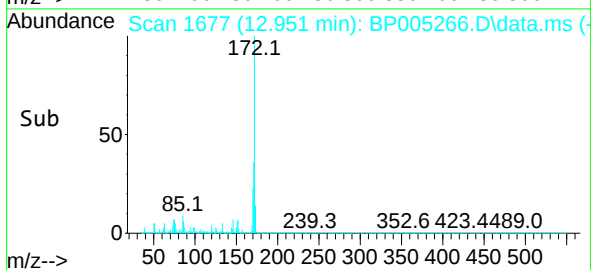
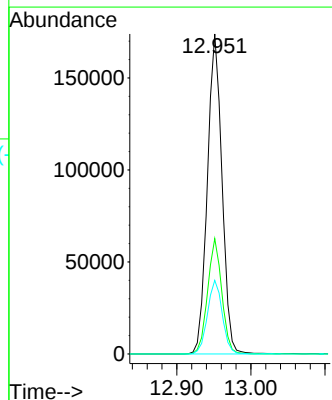
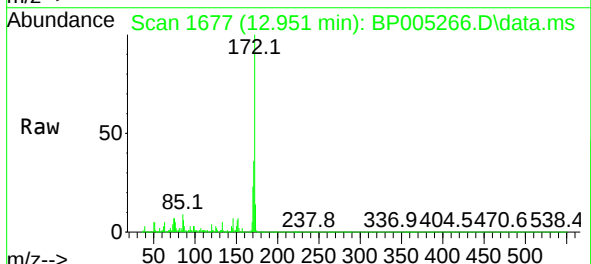
Instrument :
BNA_P
ClientSampleId :
SED-1C

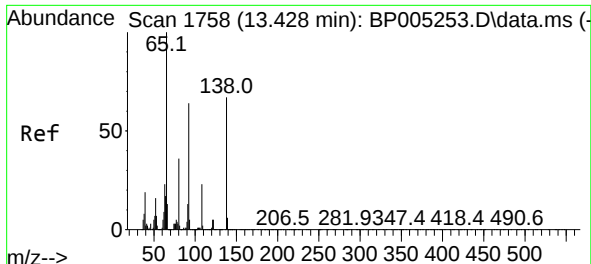
Tgt Ion:330 Resp: 69748
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 47.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 66.87 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion:172 Resp: 238304
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.0 19.2 28.8

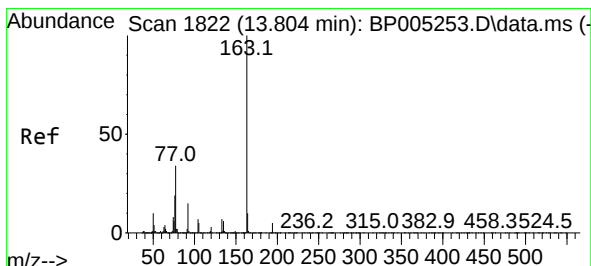
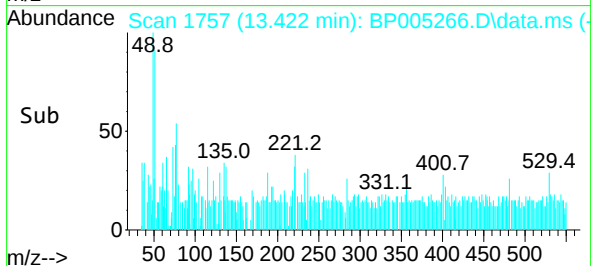
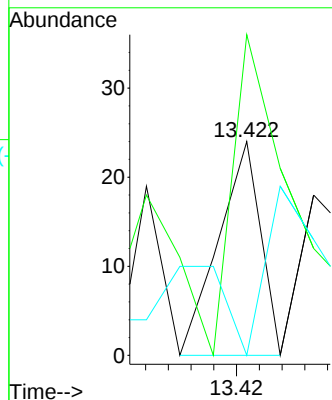
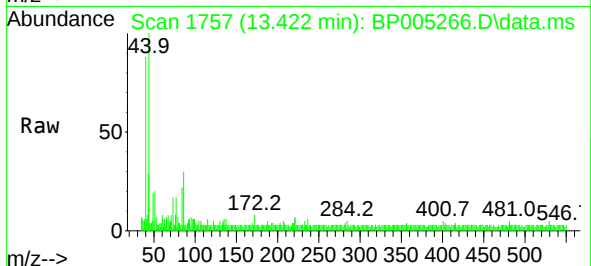




#48
2-Nitroaniline
Concen: 3.53 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

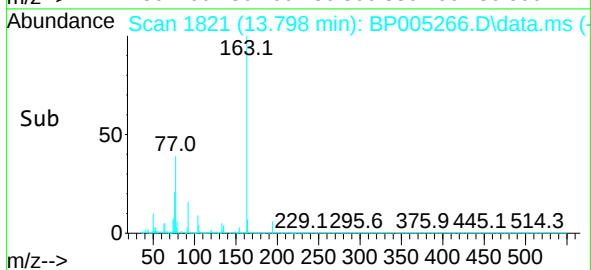
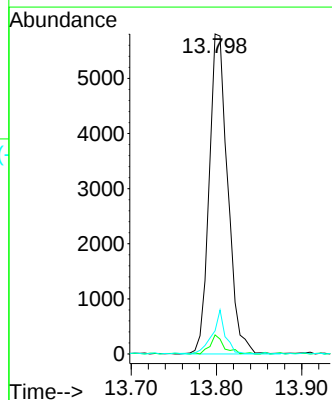
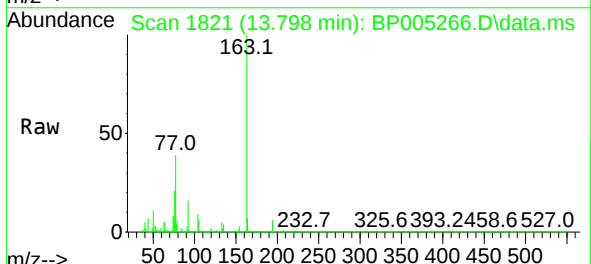
Instrument :
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ClientSampleId :
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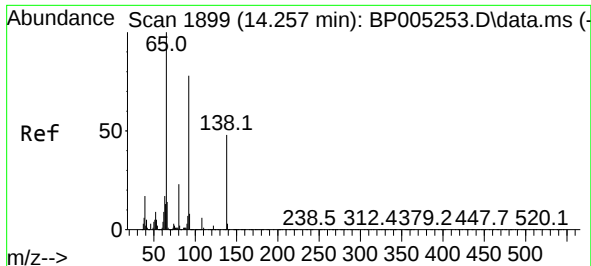
Tgt Ion: 65 Resp: 12
Ion Ratio Lower Upper
65 100
92 150.0 70.6 106.0#
138 0.0 133.6 200.4#



#50
Dimethylphthalate
Concen: 2.49 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion: 163 Resp: 8794
Ion Ratio Lower Upper
163 100
194 6.0 3.3 4.9#
164 7.3 8.2 12.2#

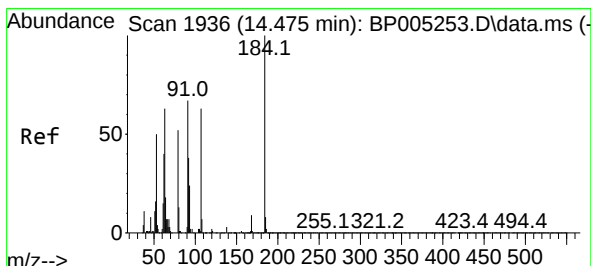
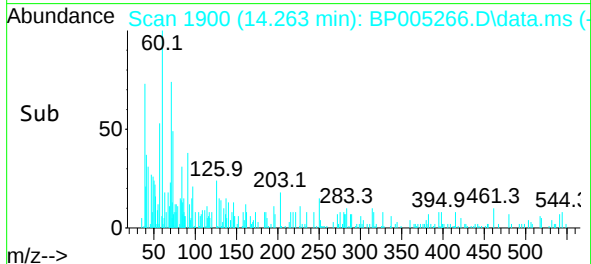
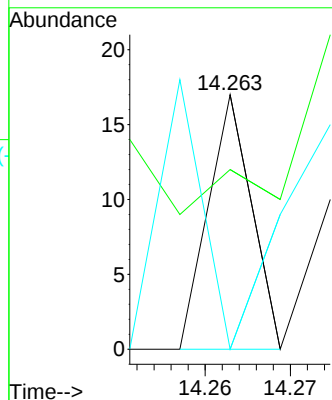
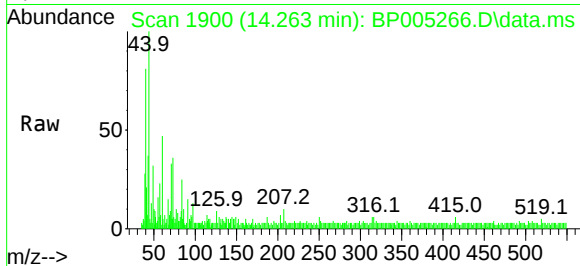




#53
3-Nitroaniline
Concen: 2.48 ng
RT: 14.263 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

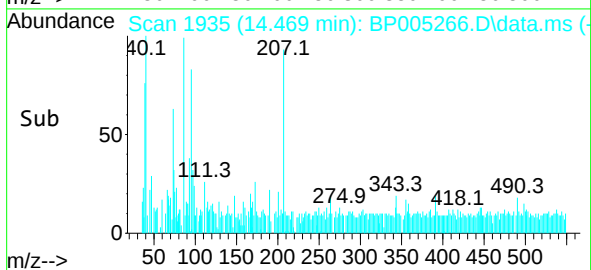
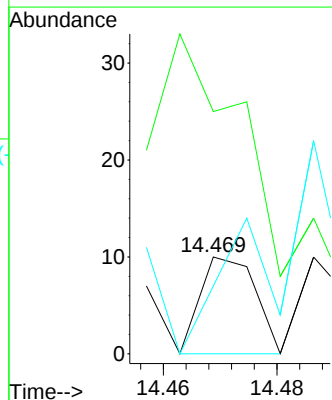
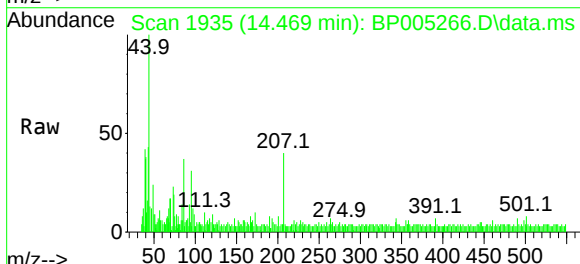
Instrument :
BNA_P
ClientSampled :
SED-1C

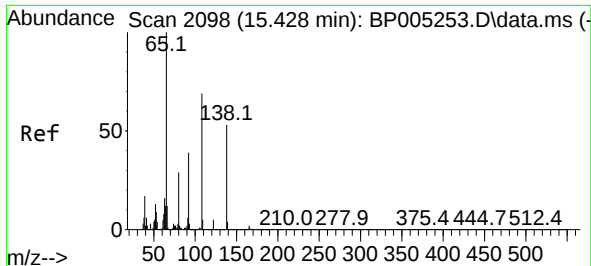
Tgt Ion:138 Resp: 6
Ion Ratio Lower Upper
138 100
108 70.6 7.5 11.3#
92 58.8 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 6.16 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 250.0 32.3 48.5#
154 70.0 49.1 73.7

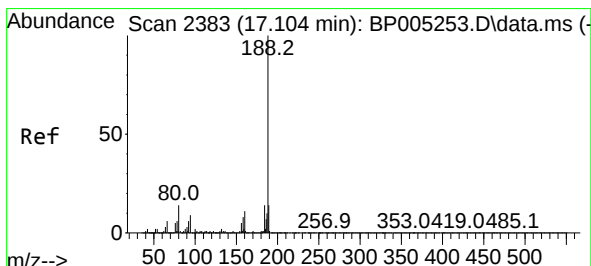
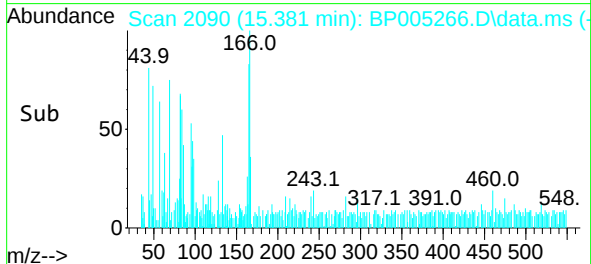
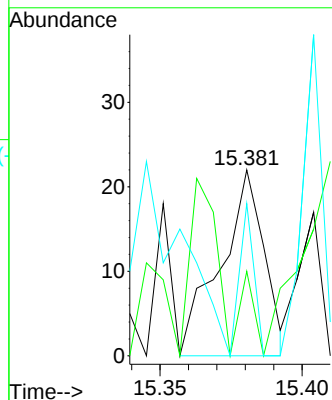
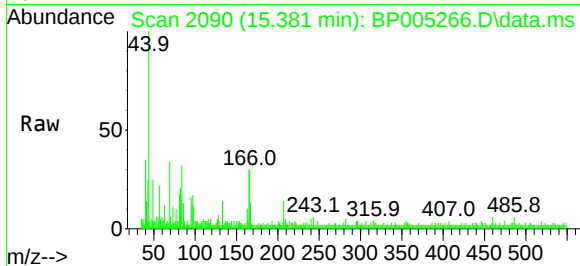




#62
4-Nitroaniline
Concen: 2.11 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.047 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

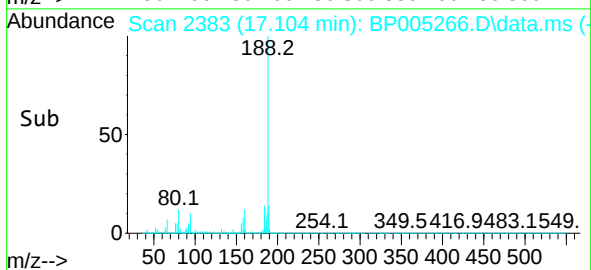
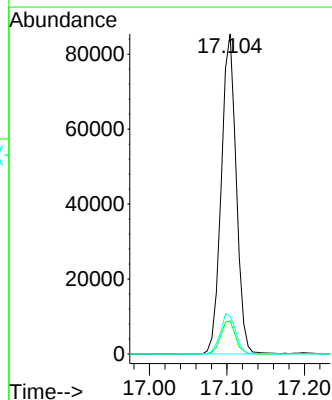
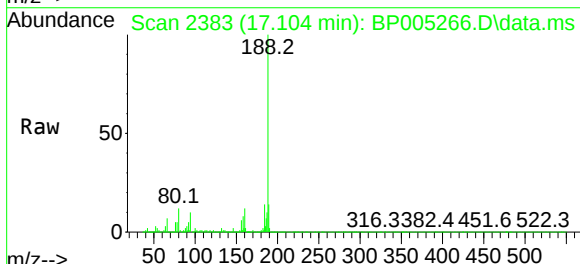
Instrument :
BNA_P
ClientSampleId :
SED-1C

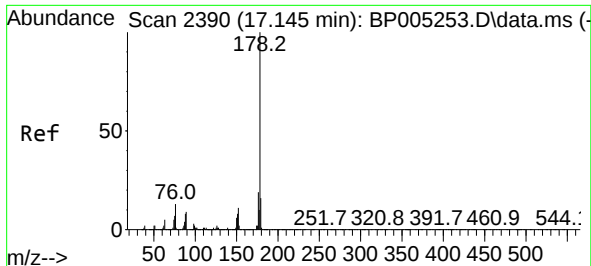
Tgt Ion:138 Resp: 24
Ion Ratio Lower Upper
138 100
92 45.5 20.7 60.7
108 81.8 47.8 87.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion:188 Resp: 114351
Ion Ratio Lower Upper
188 100
94 10.4 6.2 9.2#
80 11.8 6.2 9.2#

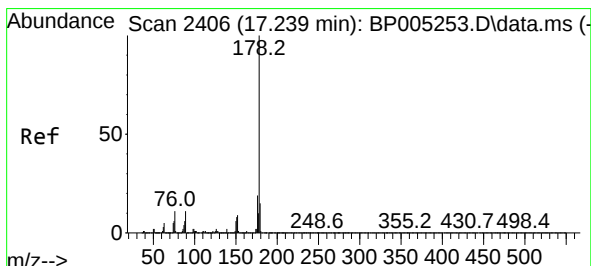
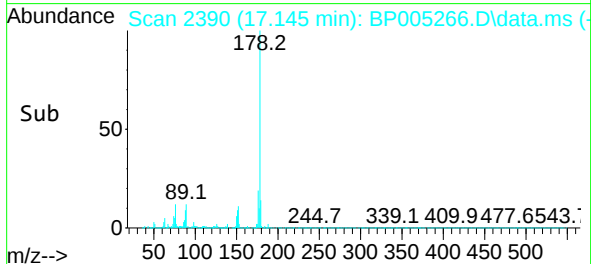
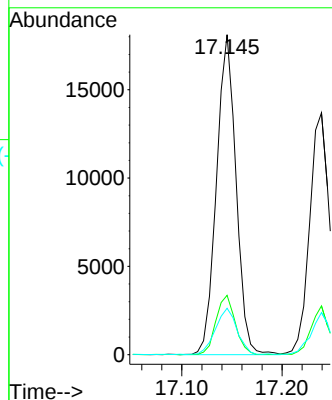
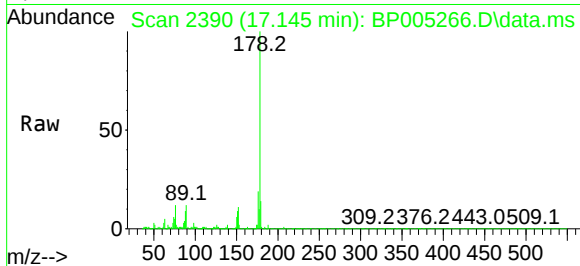




#71
Phenanthrene
Concen: 3.80 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

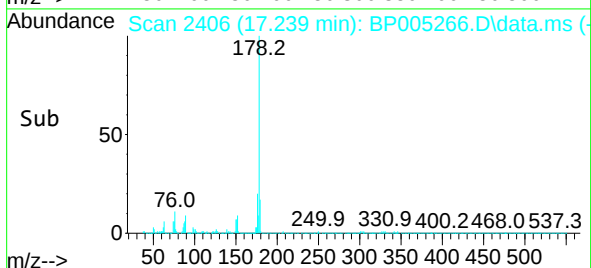
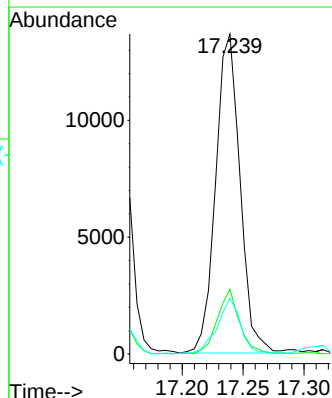
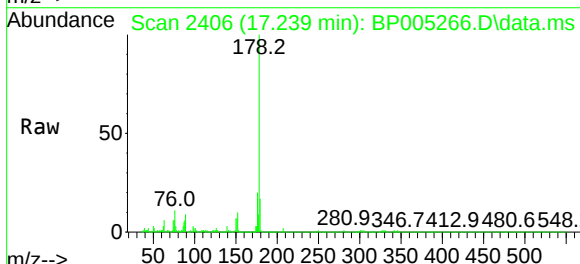
Instrument :
BNA_P
ClientSampleId :
SED-1C

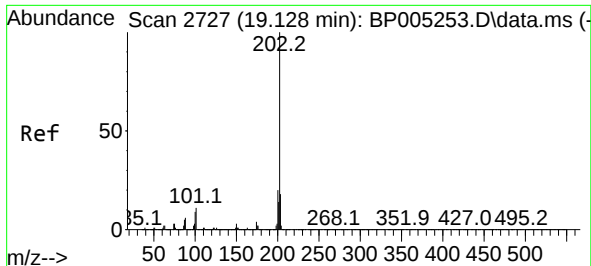
Tgt Ion:178 Resp: 24539
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 14.5 12.5 18.7



#72
Anthracene
Concen: 3.04 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion:178 Resp: 19044
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 17.4 12.5 18.7

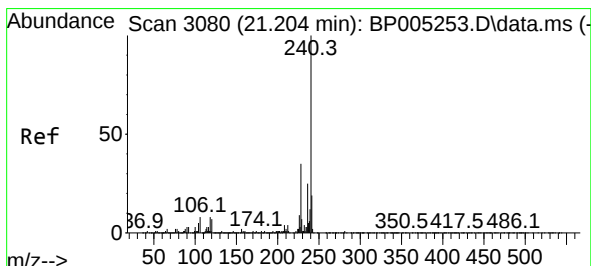
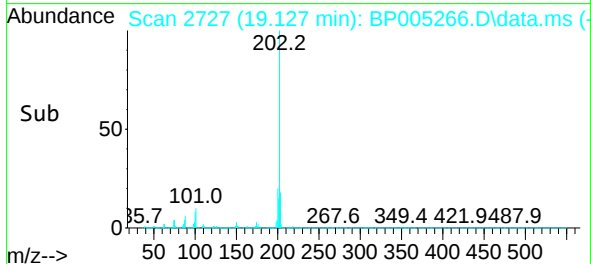
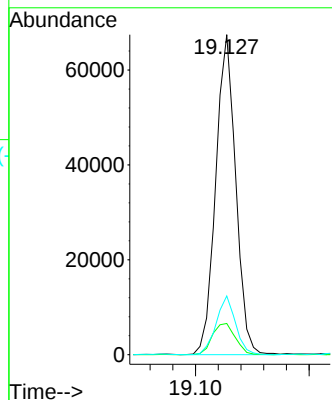
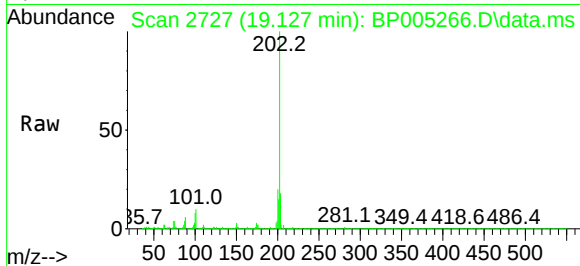




#75
Fluoranthene
Concen: 10.41 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

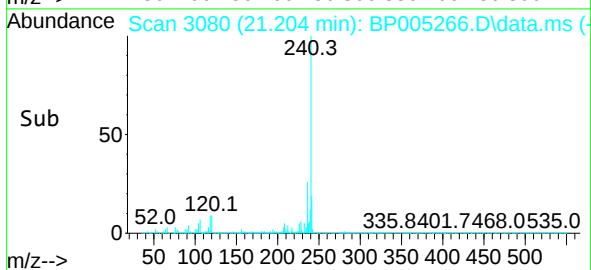
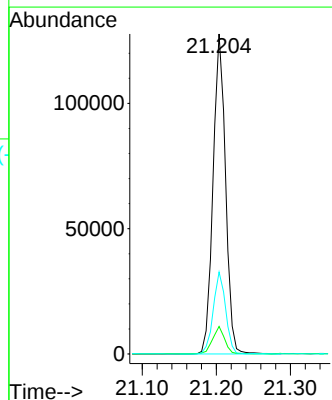
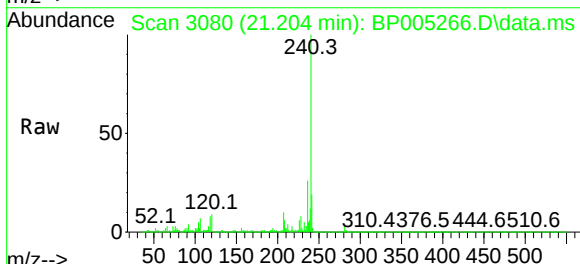
Instrument :
BNA_P
ClientSampleId :
SED-1C

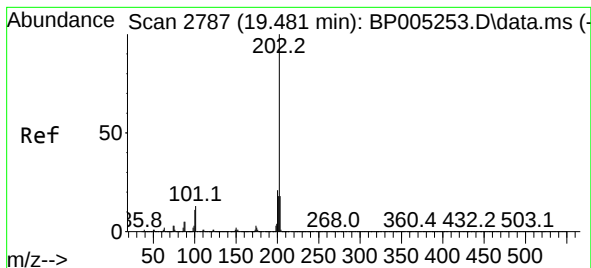
Tgt Ion:	202	Resp:	82537
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.4
203	18.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion:	240	Resp:	149111
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.8	11.6
236	25.6	20.8	31.2





#78

Pyrene

Concen: 7.22 ng

RT: 19.480 min Scan# 2787

Delta R.T. -0.000 min

Lab File: BP005266.D

Acq: 12 Apr 2021 15:08

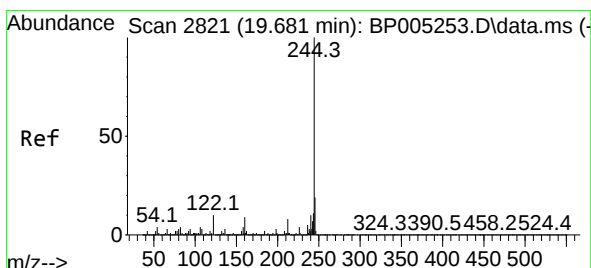
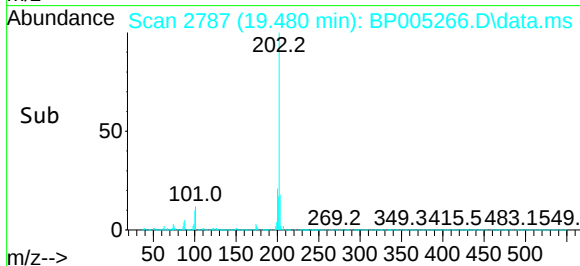
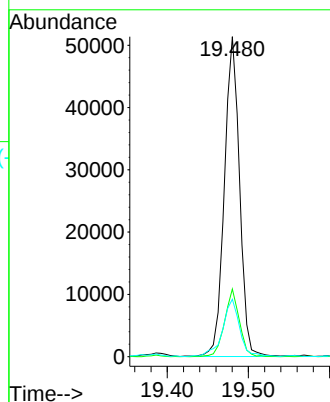
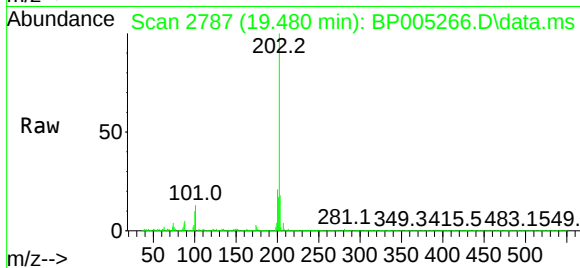
Instrument :

BNA_P

ClientSampleId :

SED-1C

Tgt Ion:	202	Resp:	66918
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.1	25.7
203	18.0	14.2	21.2



#79

Terphenyl-d14

Concen: 52.93 ng

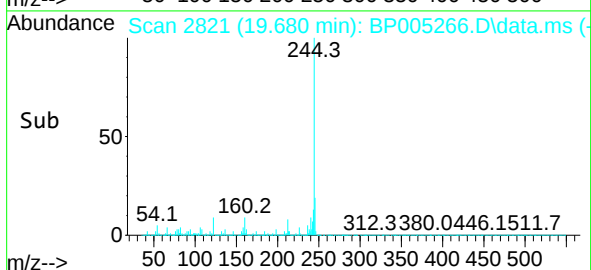
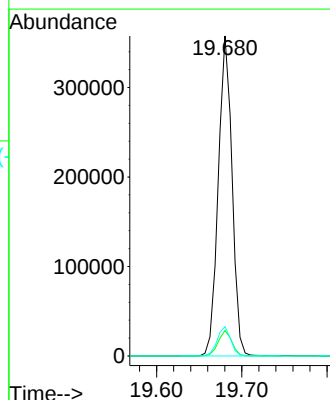
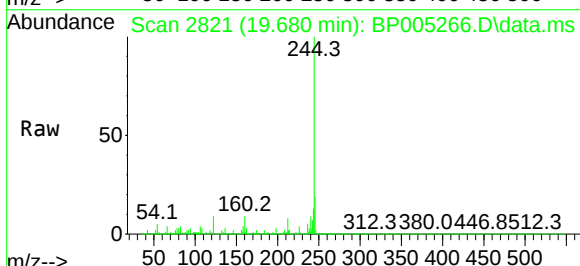
RT: 19.680 min Scan# 2821

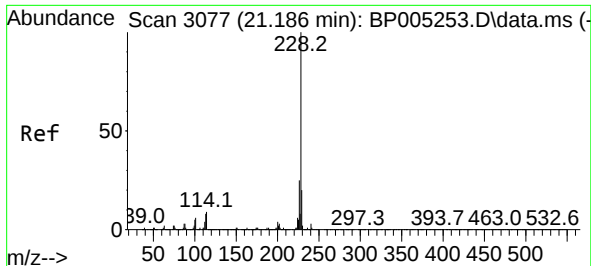
Delta R.T. -0.000 min

Lab File: BP005266.D

Acq: 12 Apr 2021 15:08

Tgt Ion:	244	Resp:	401752
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.8	8.6
122	9.2	7.8	11.8

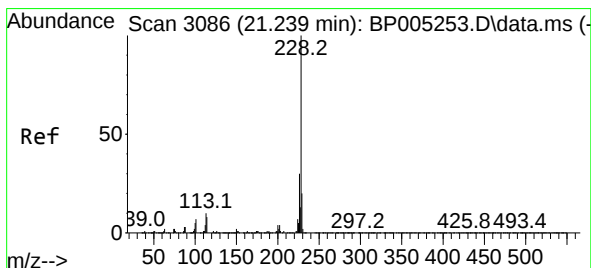
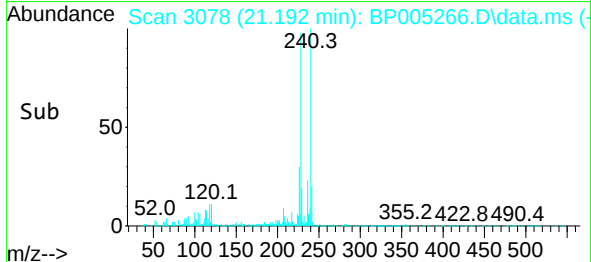
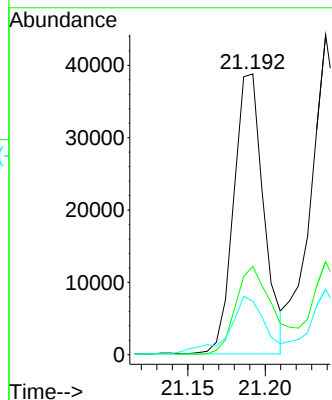
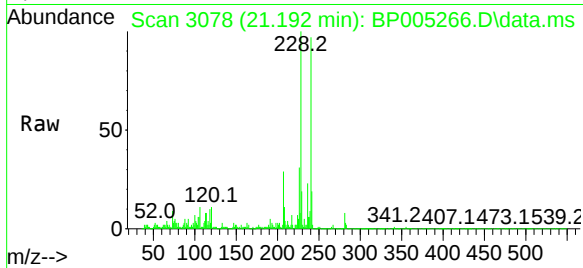




#81
Benzo(a)anthracene
Concen: 5.31 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

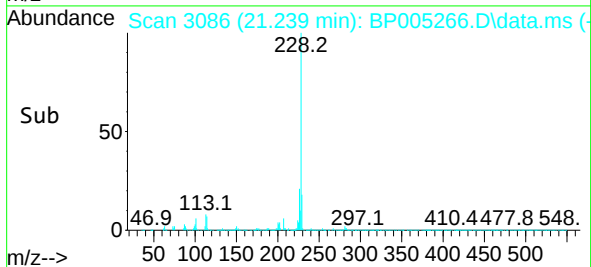
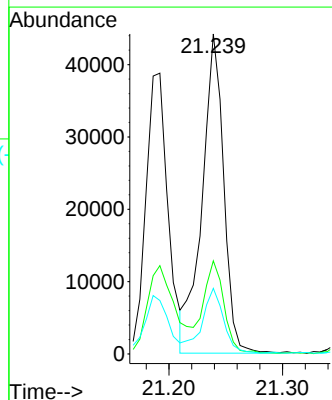
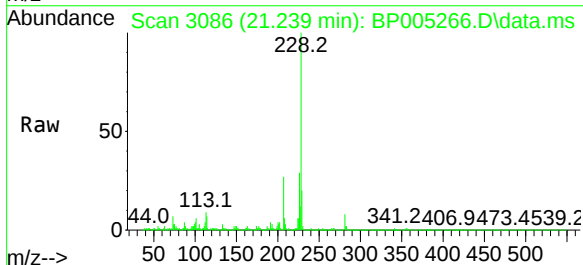
Instrument :
BNA_P
ClientSampled :
SED-1C

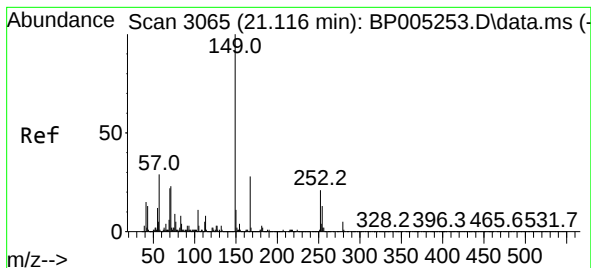
Tgt Ion:228 Resp: 52280
Ion Ratio Lower Upper
228 100
226 31.4 22.1 33.1
229 19.0 15.9 23.9



#83
Chrysene
Concen: 6.11 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion:228 Resp: 58485
Ion Ratio Lower Upper
228 100
226 29.1 24.4 36.6
229 20.5 15.8 23.6



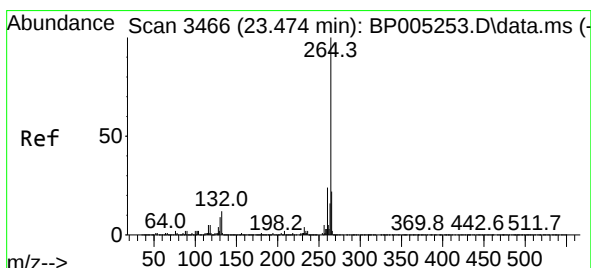
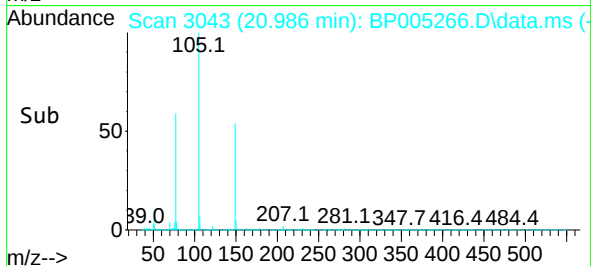
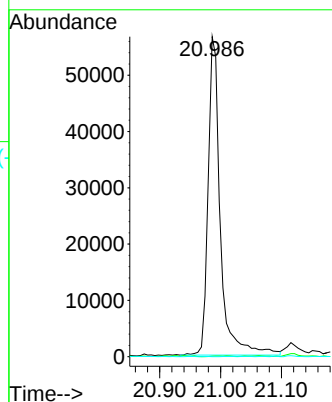
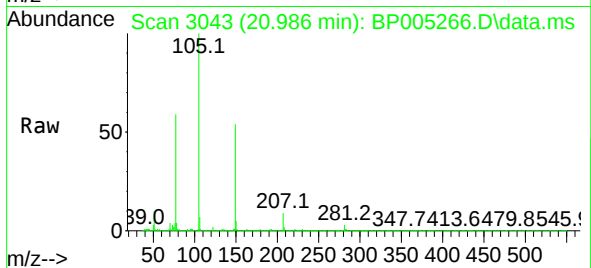


#84

Bis(2-ethylhexyl)phthalate
Concen: 14.51 ng
RT: 20.986 min Scan# 3043
Delta R.T. -0.130 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Instrument :
BNA_P
ClientSampleId :
SED-1C

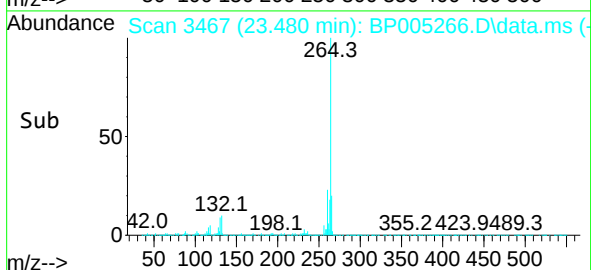
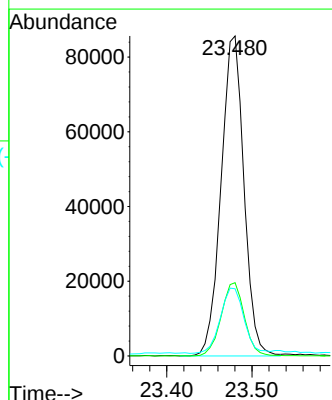
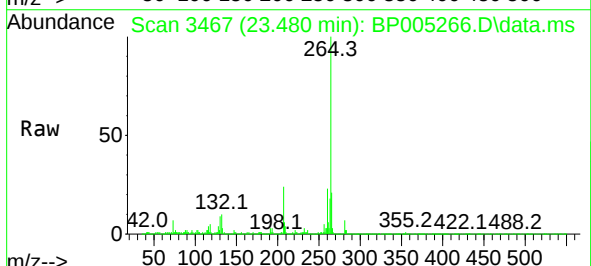
Tgt Ion:149 Resp: 78970
Ion Ratio Lower Upper
149 100
167 0.1 22.6 34.0#
279 0.1 4.2 6.2#

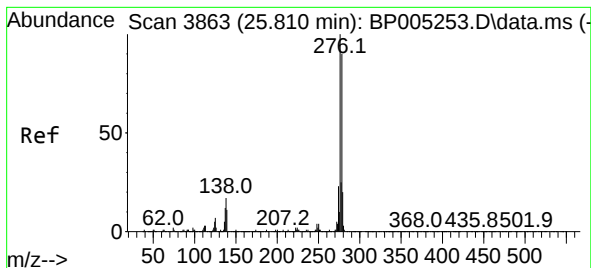


#86

Perylene-d12
Concen: 20.00 ng
RT: 23.480 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion:264 Resp: 159515
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.0 17.4 26.2

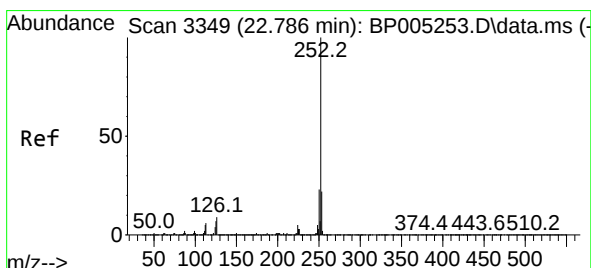
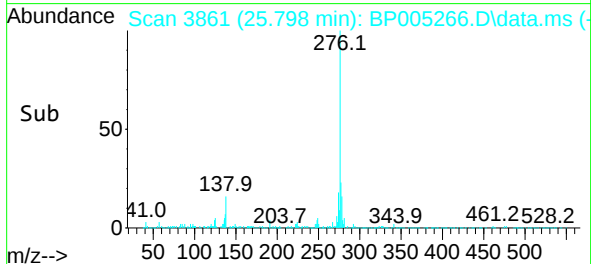
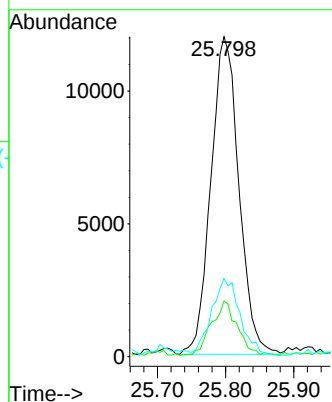
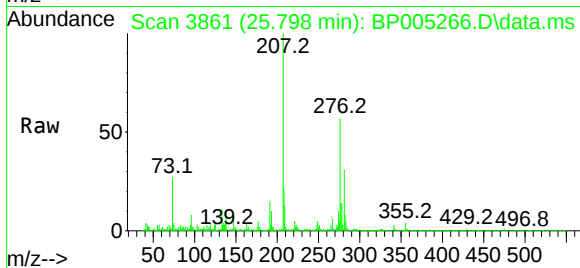




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.80 ng
RT: 25.798 min Scan# 3861
Delta R.T. -0.012 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

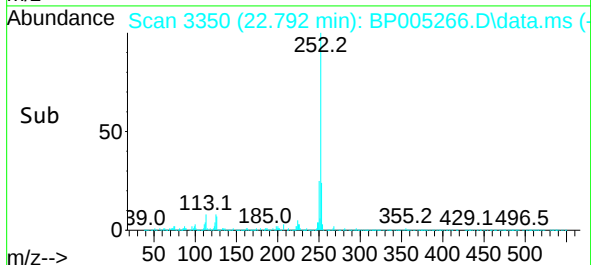
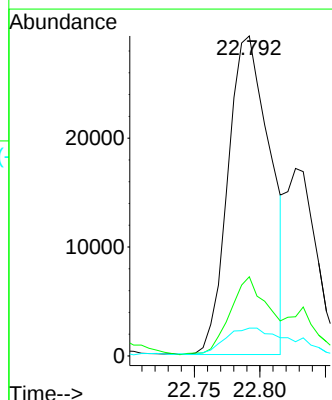
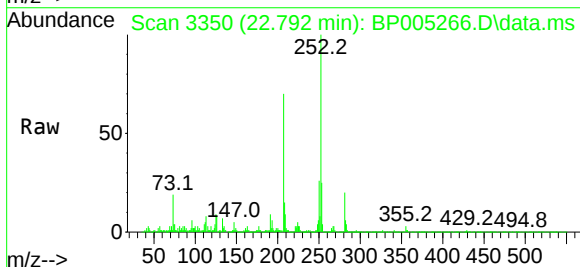
Instrument :
BNA_P
ClientSampleId :
SED-1C

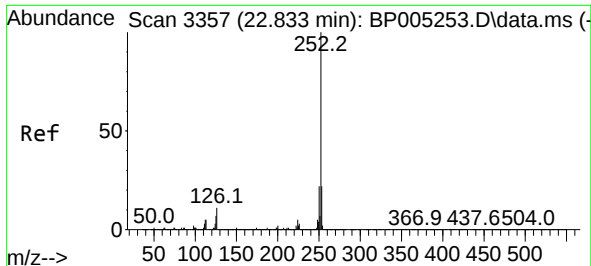
Tgt Ion: 276 Resp: 34161
Ion Ratio Lower Upper
276 100
138 15.9 18.7 28.1#
277 24.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 6.23 ng
RT: 22.792 min Scan# 3350
Delta R.T. 0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Tgt Ion: 252 Resp: 65079
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 8.7 7.3 10.9

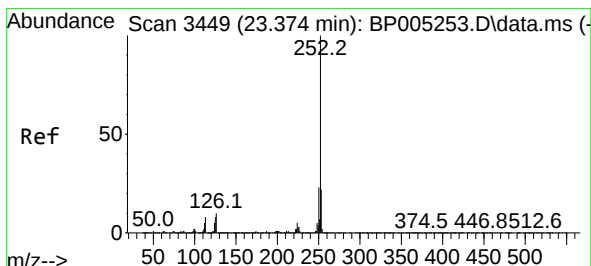
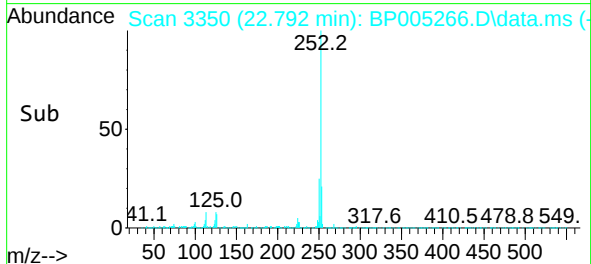
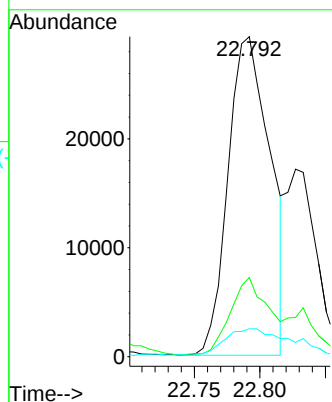
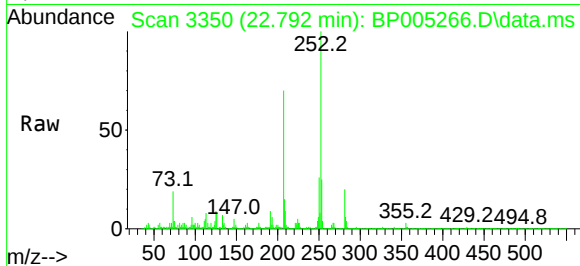




#89
Benzo(k)fluoranthene
Concen: 6.50 ng
RT: 22.792 min Scan# 3350
Delta R.T. -0.041 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

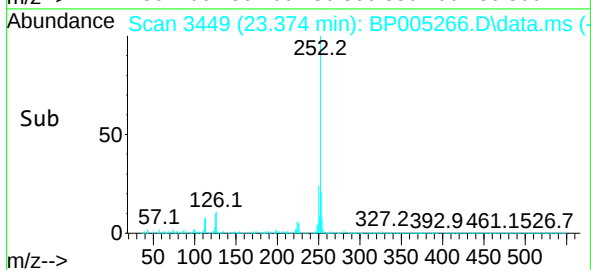
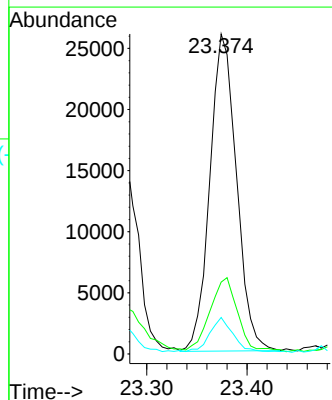
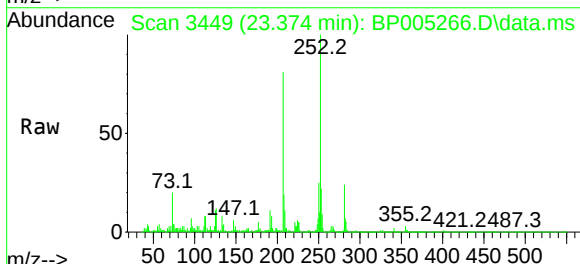
Instrument :
BNA_P
ClientSampled :
SED-1C

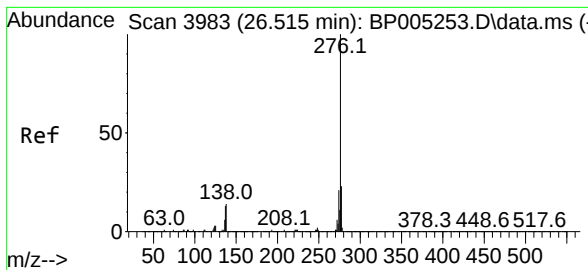
Tgt Ion:252 Resp: 65079
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 4.96 ng
RT: 23.374 min Scan# 3449
Delta R.T. -0.000 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

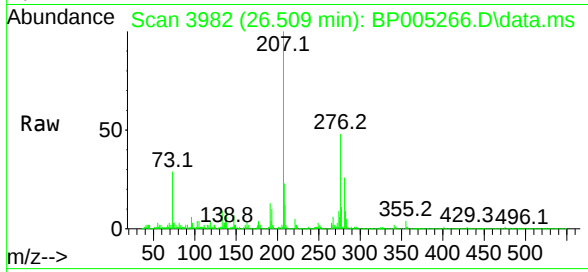
Tgt Ion:252 Resp: 47918
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 11.4 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 3.25 ng
RT: 26.509 min Scan# 3982
Delta R.T. -0.006 min
Lab File: BP005266.D
Acq: 12 Apr 2021 15:08

Instrument :
BNA_P
ClientSampleId :
SED-1C



Tgt Ion:	276	Resp:	33370
Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.0	28.6
138	18.4	16.6	24.8

