

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005291.D
 Acq On : 13 Apr 2021 17:26
 Operator : CG/JU
 Sample : M1998-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-5B

Quant Time: Apr 14 02:43:48 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)

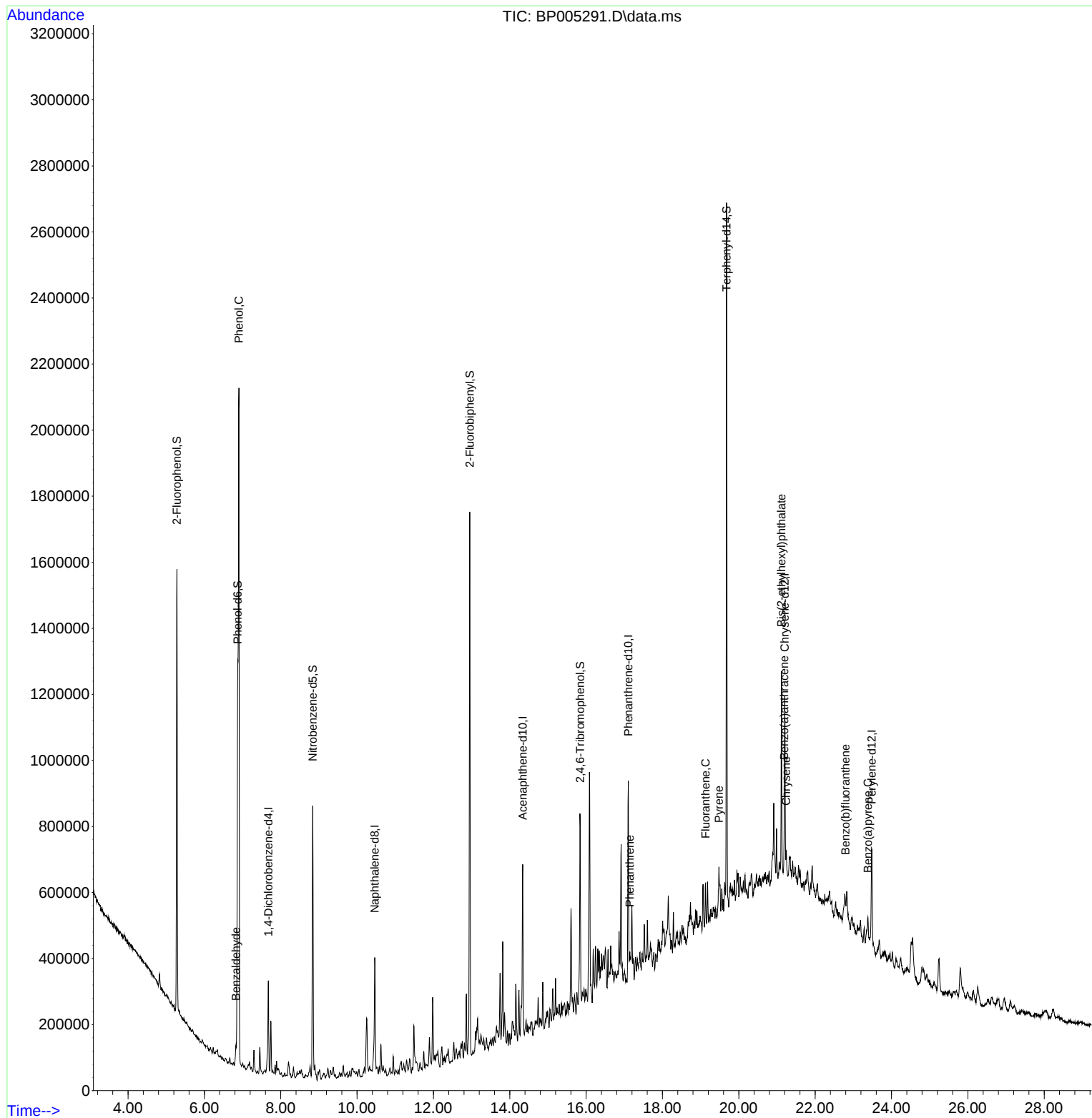
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	66685	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	231154	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	136596	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	277983	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	212842	20.00	ng	0.00
86) Perylene-d12	23.480	264	200165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	594710	93.59	ng	0.00
7) Phenol-d6	6.869	99	741053	102.21	ng	0.00
23) Nitrobenzene-d5	8.840	82	489811	66.82	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	89627	51.98	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	710197	70.19	ng	0.00
79) Terphenyl-d14	19.681	244	820909	75.77	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.828	77	18530	3.88	ng	# 72
10) Phenol	6.905	94	1117348	150.48	ng	81
71) Phenanthrene	17.145	178	36324	2.31	ng	# 95
75) Fluoranthene	19.128	202	67857	3.52	ng	96
78) Pyrene	19.481	202	77853	5.89	ng	97
81) Benzo(a)anthracene	21.192	228	34217	2.44	ng	# 90
83) Chrysene	21.239	228	39233	2.87	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.116	149	162814	20.96	ng	97
88) Benzo(b)fluoranthene	22.792	252	40802	3.11	ng	# 76
90) Benzo(a)pyrene	23.380	252	29060	2.40	ng	# 82

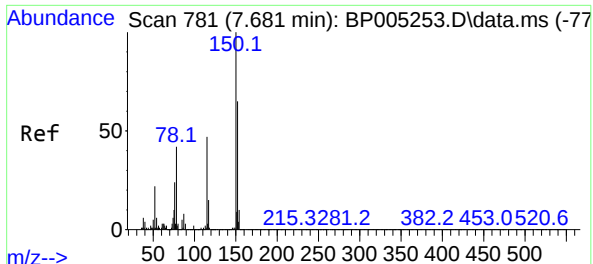
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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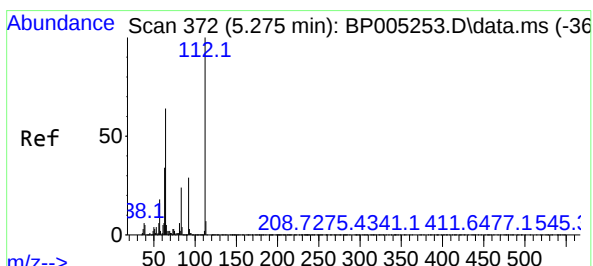
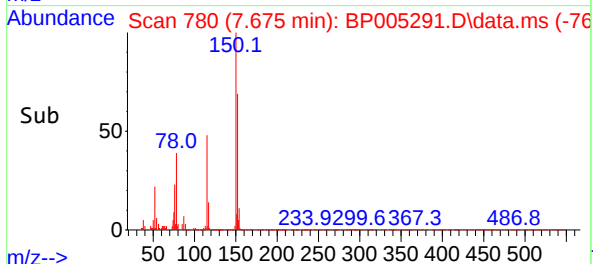
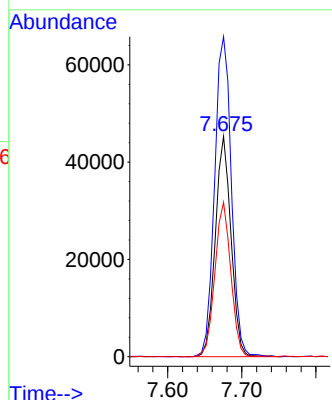
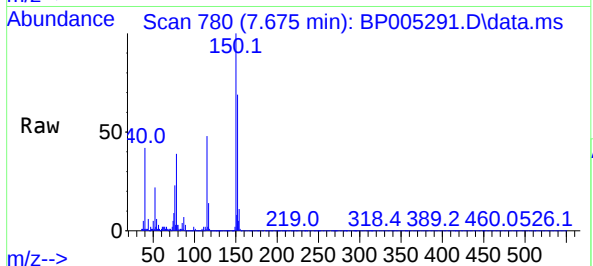




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

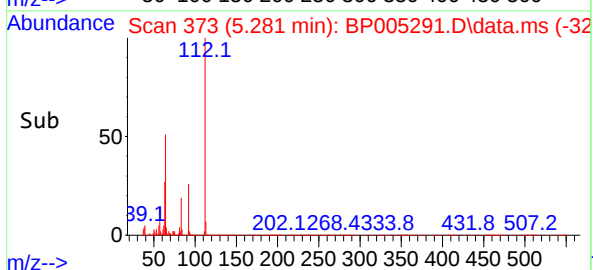
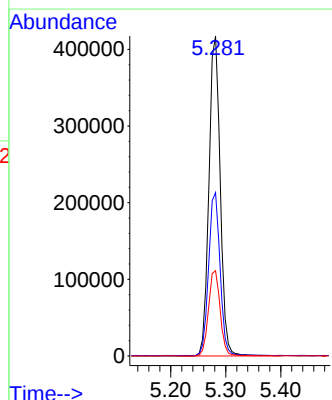
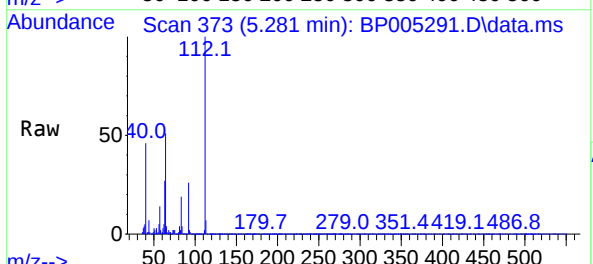
Instrument :
BNA_P
ClientSampleId :
SB-5B

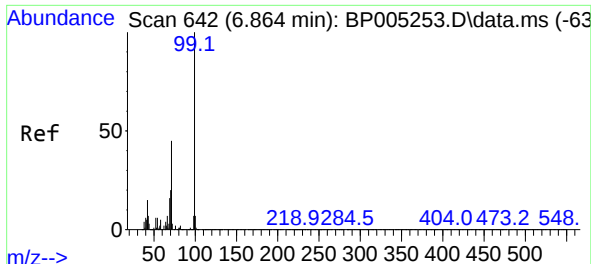
Tgt Ion:152 Resp: 66685
Ion Ratio Lower Upper
152 100
150 145.2 123.8 185.6
115 70.1 43.8 65.6#



#5
2-Fluorophenol
Concen: 93.59 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:112 Resp: 594710
Ion Ratio Lower Upper
112 100
64 51.1 32.8 49.2#
63 26.6 17.0 25.4#

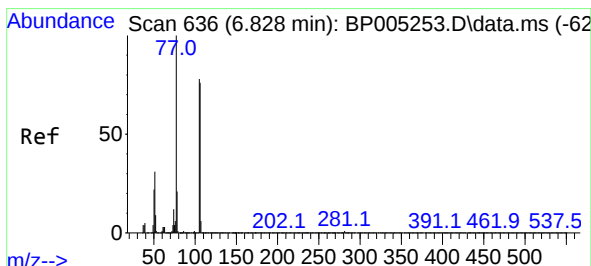
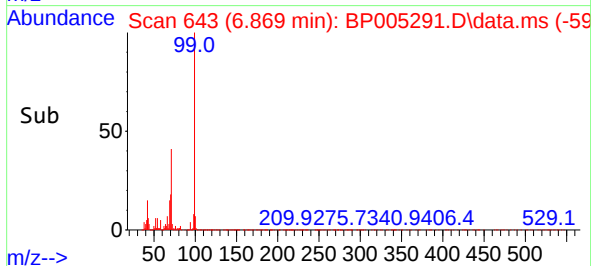
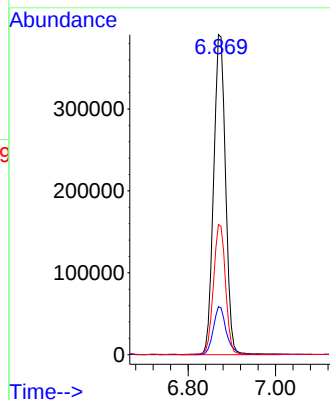
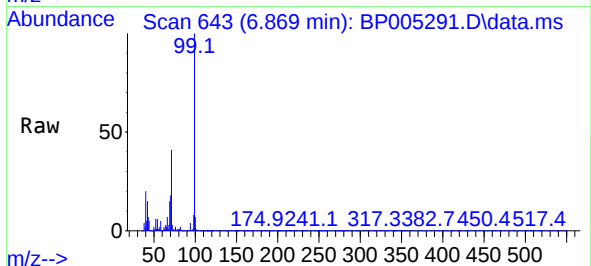




#7
Phenol-d6
Concen: 102.21 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

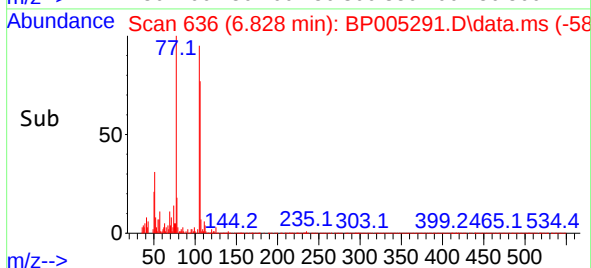
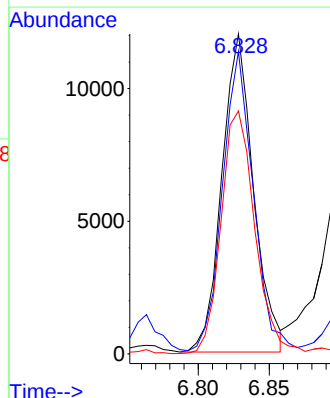
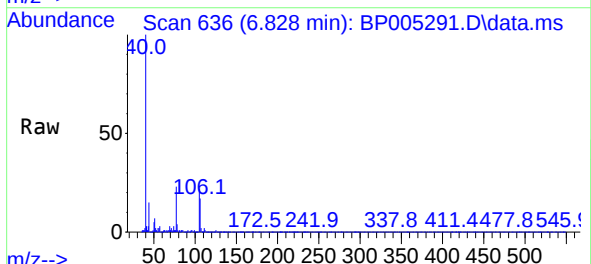
Instrument :
BNA_P
ClientSampleId :
SB-5B

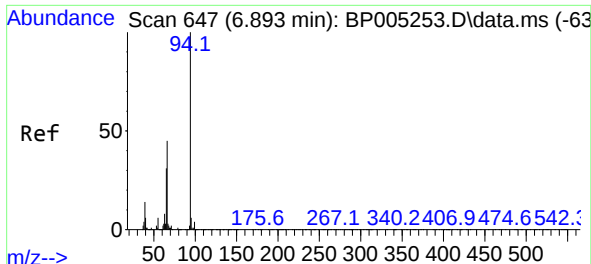
Tgt Ion: 99 Resp: 741053
Ion Ratio Lower Upper
99 100
42 15.0 8.6 13.0#
71 40.7 23.4 35.2#



#9
Benzaldehyde
Concen: 3.88 ng
RT: 6.828 min Scan# 636
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion: 77 Resp: 18530
Ion Ratio Lower Upper
77 100
105 94.6 97.1 137.1#
106 76.0 93.7 133.7#



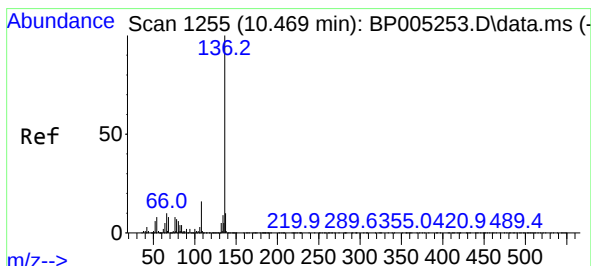
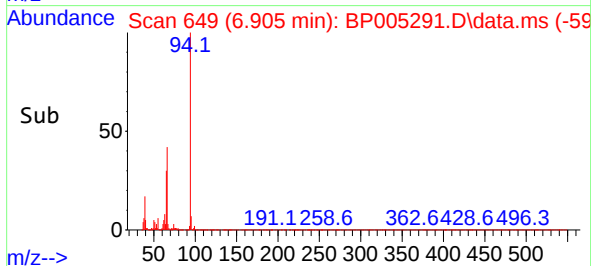
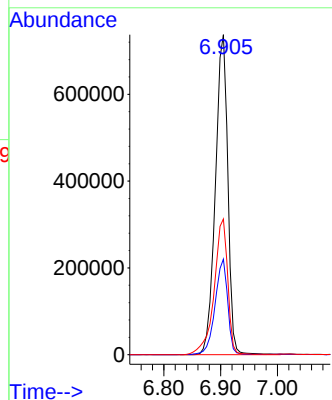
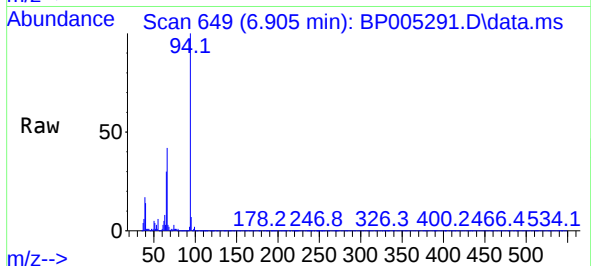


#10
Phenol
Concen: 150.48 ng
RT: 6.905 min Scan# 649
Delta R.T. 0.012 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Instrument :
BNA_P
ClientSampleId :
SB-5B

Tgt Ion: 94 Resp: 1117348

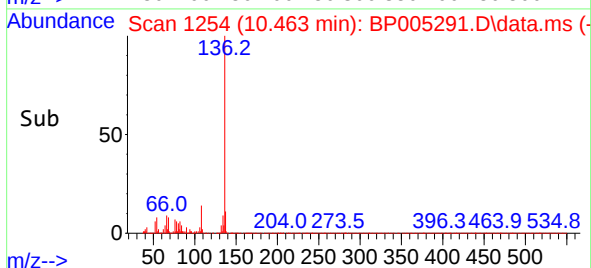
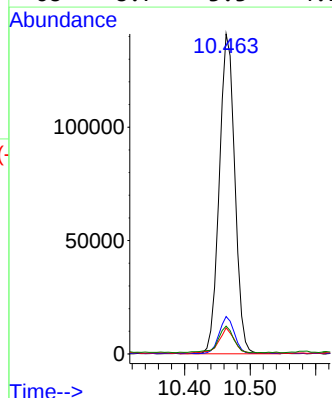
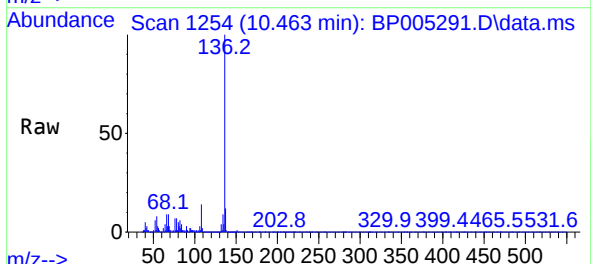
Ion	Ratio	Lower	Upper
94	100		
65	29.8	2.3	42.3
66	42.4	10.9	50.9

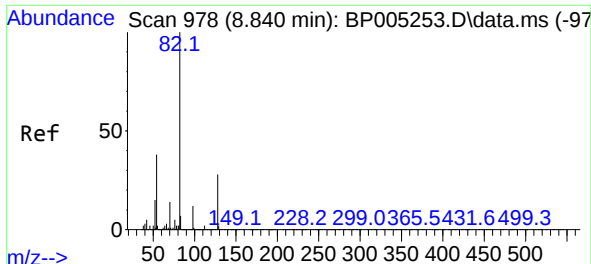


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion: 136 Resp: 231154

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	8.1	3.6	5.4#
68	8.7	3.3	4.9#

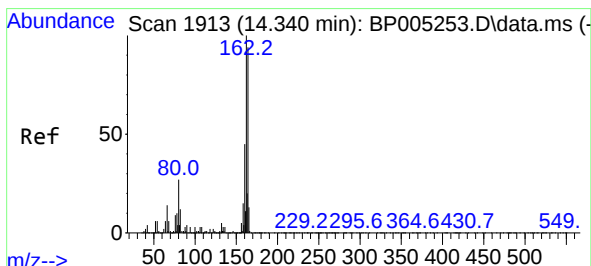
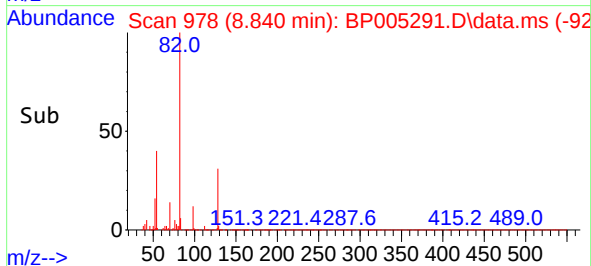
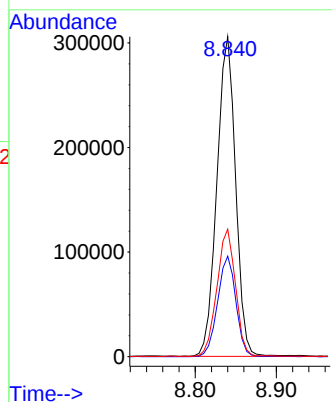
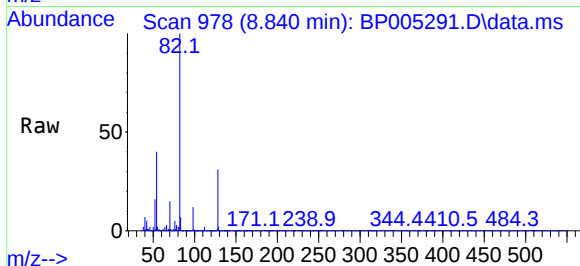




#23
Nitrobenzene-d5
Concen: 66.82 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

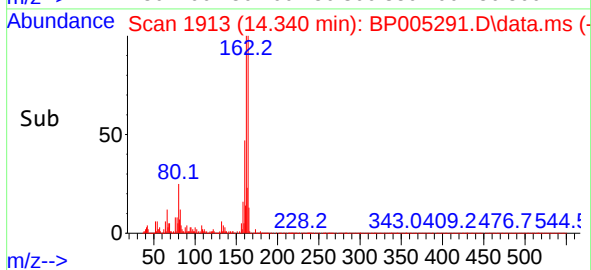
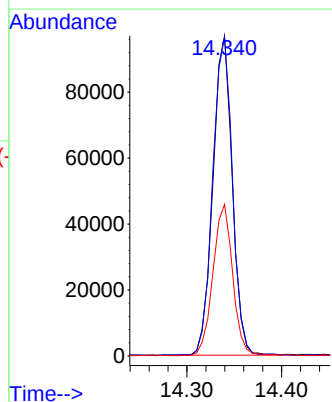
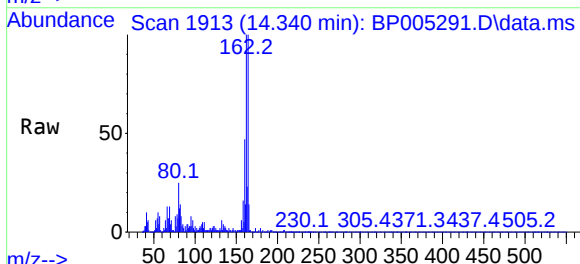
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ClientSampleId :
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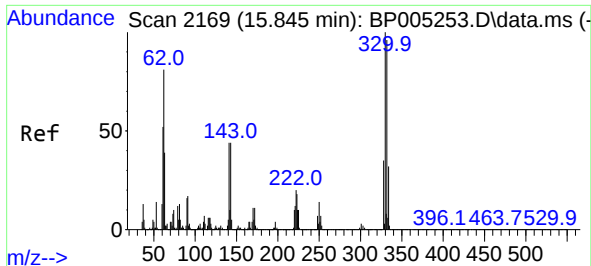
Tgt Ion: 82 Resp: 489811
Ion Ratio Lower Upper
82 100
128 31.4 45.6 68.4#
54 39.8 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:164 Resp: 136596
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 47.3 36.1 54.1

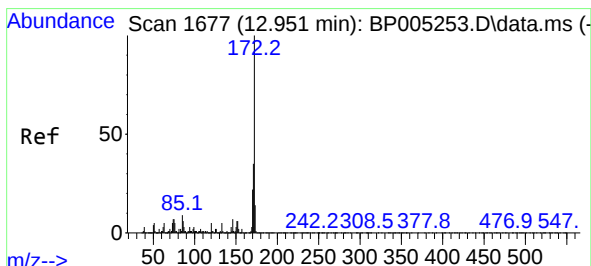
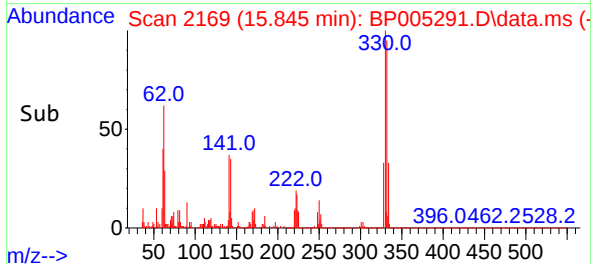
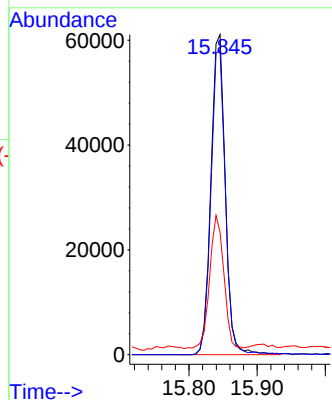
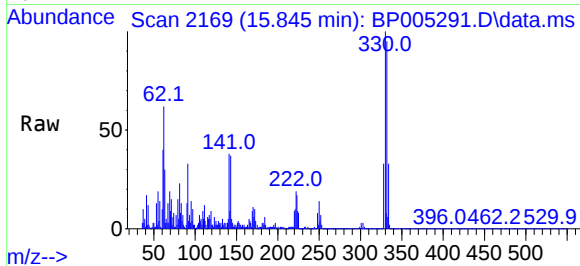




#42
2,4,6-Tribromophenol
Concen: 51.98 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

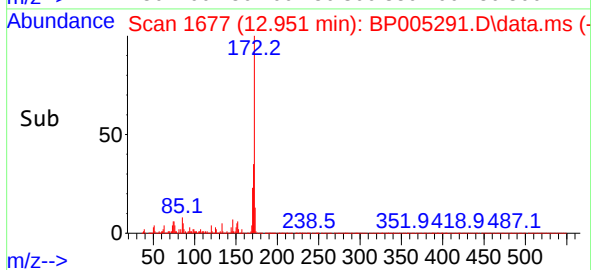
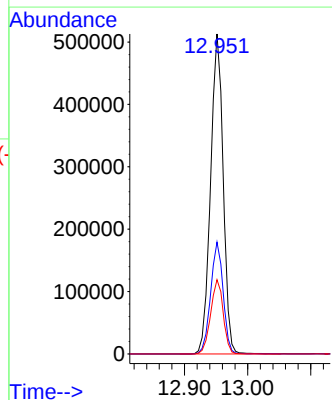
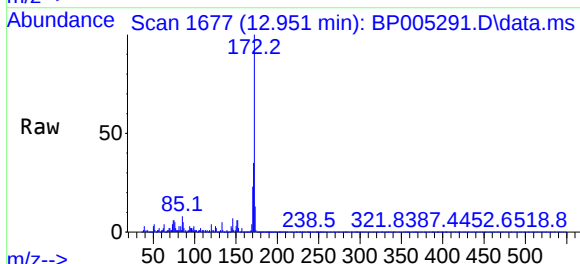
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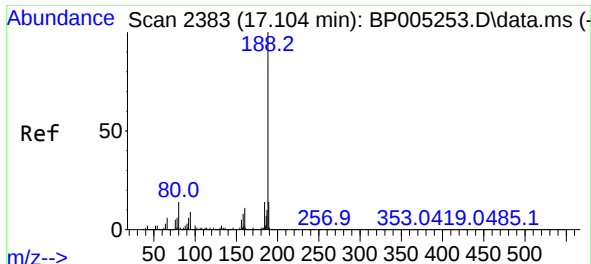
Tgt Ion:330 Resp: 89627
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 41.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 70.19 ng
RT: 12.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:172 Resp: 710197
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.2 19.2 28.8

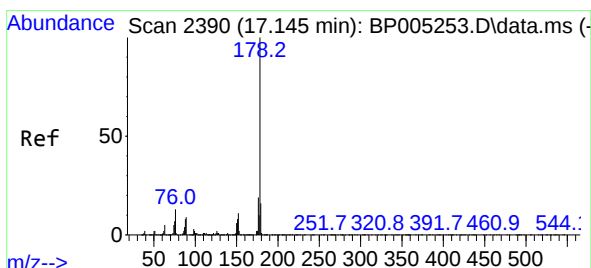
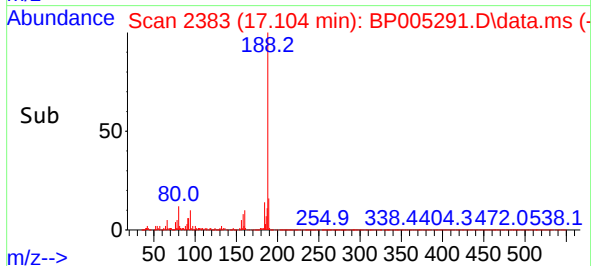
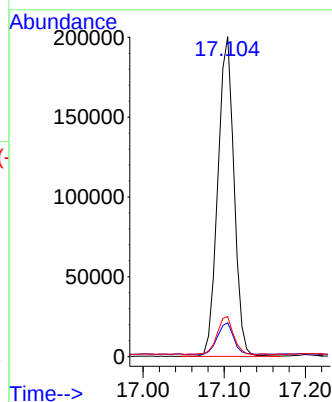
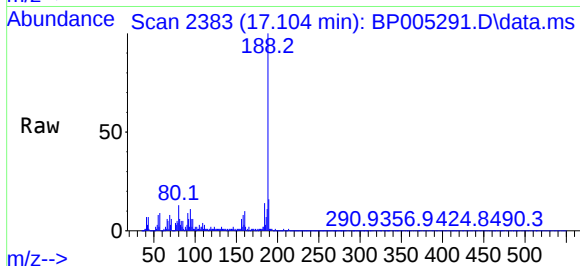




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

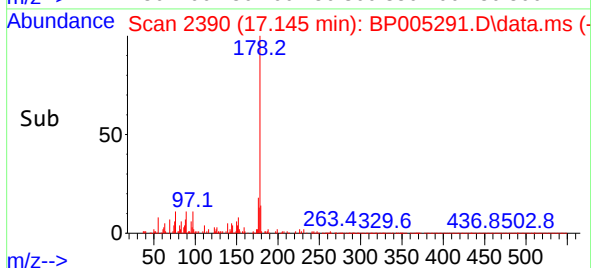
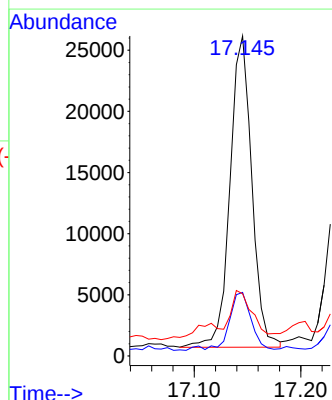
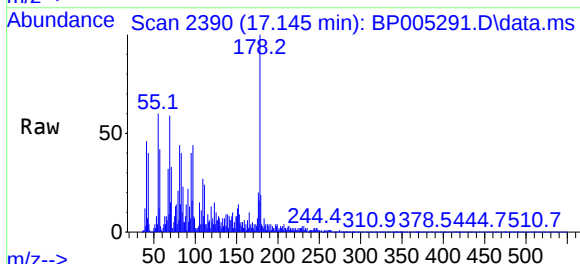
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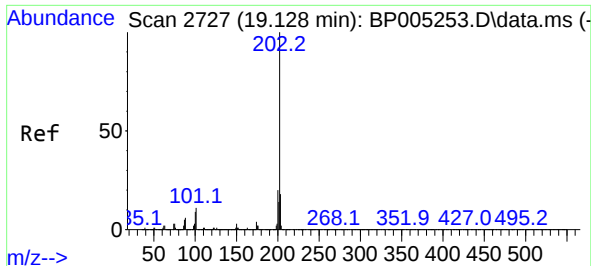
Tgt Ion:188 Resp: 277983
Ion Ratio Lower Upper
188 100
94 10.6 6.2 9.2#
80 12.6 6.2 9.2#



#71
Phenanthrene
Concen: 2.31 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:178 Resp: 36324
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 19.4 12.5 18.7#

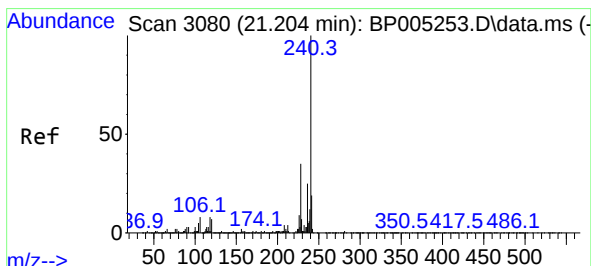
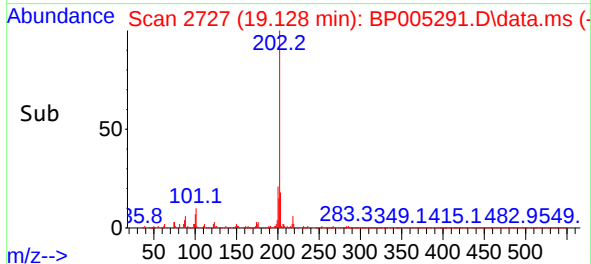
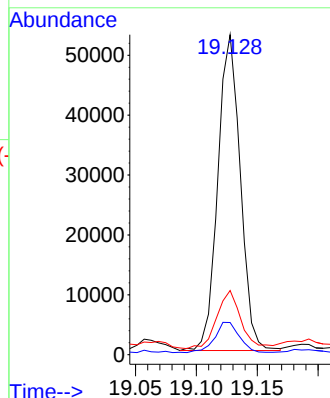
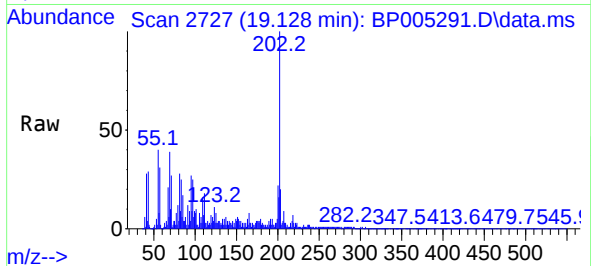




#75
Fluoranthene
Concen: 3.52 ng
RT: 19.128 min Scan# 2727
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

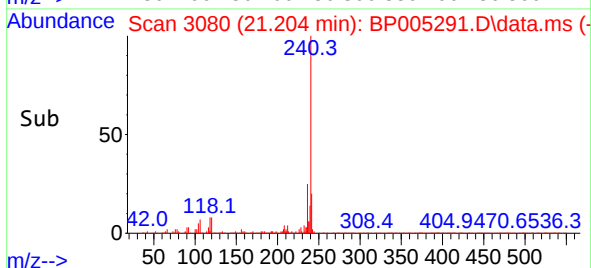
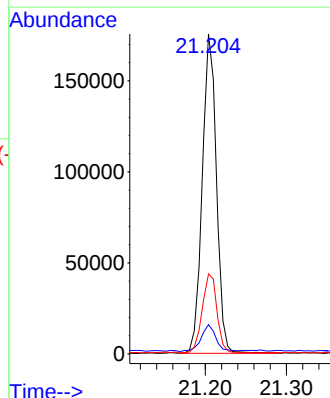
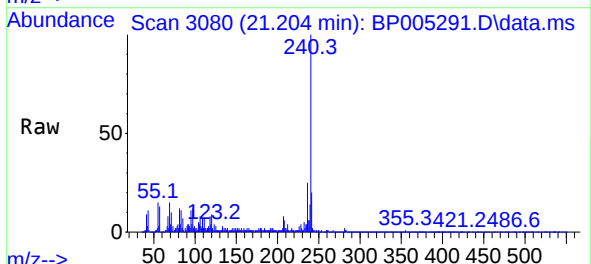
Instrument :
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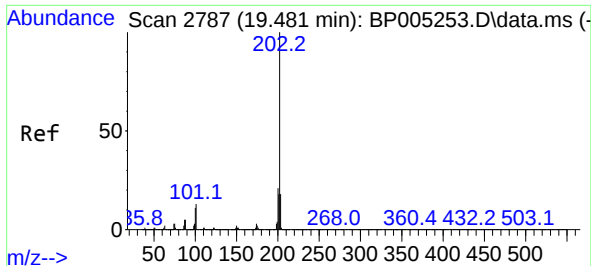
Tgt Ion:	202	Resp:	67857
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.4
203	20.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:	240	Resp:	212842
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	25.0	20.8	31.2

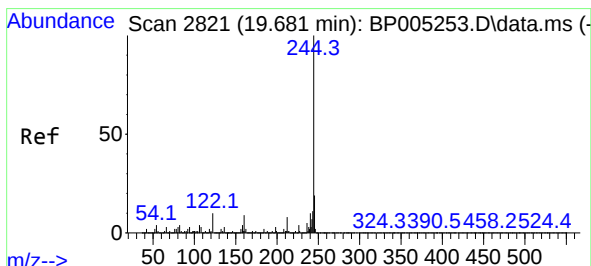
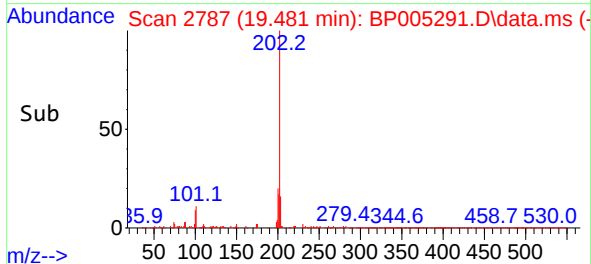
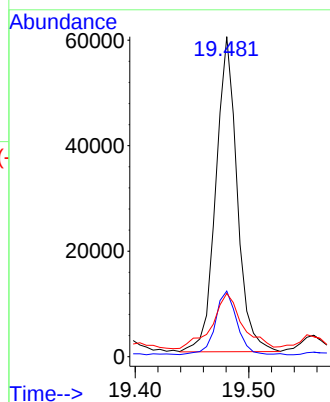
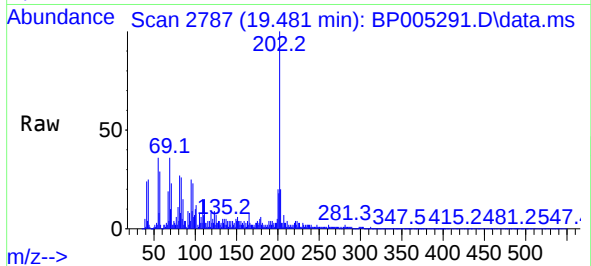




#78
Pyrene
Concen: 5.89 ng
RT: 19.481 min Scan# 2787
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

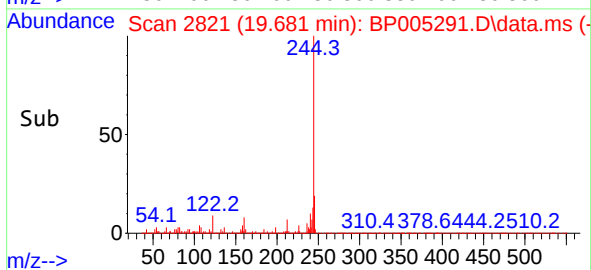
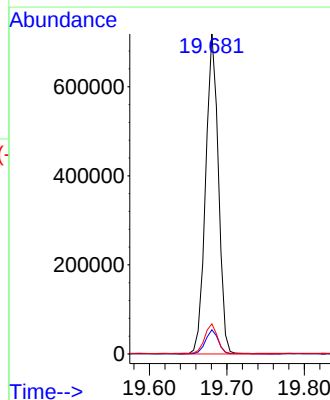
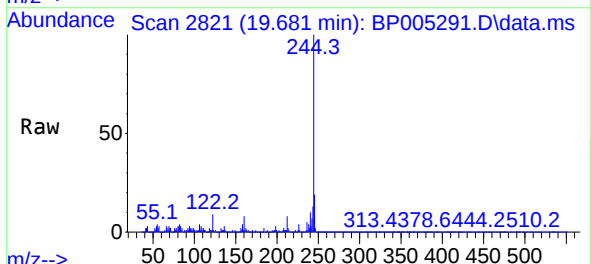
Instrument :
BNA_P
ClientSampleId :
SB-5B

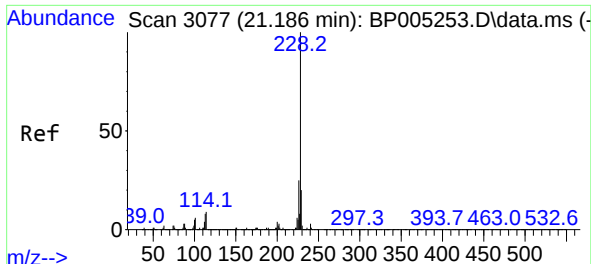
Tgt Ion:	202	Resp:	77853
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.1	25.7
203	19.7	14.2	21.2



#79
Terphenyl-d14
Concen: 75.77 ng
RT: 19.681 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:	244	Resp:	820909
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.8	8.6
122	9.4	7.8	11.8

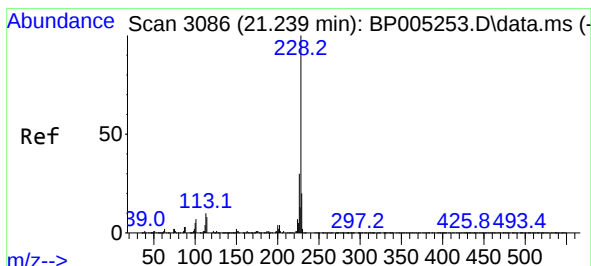
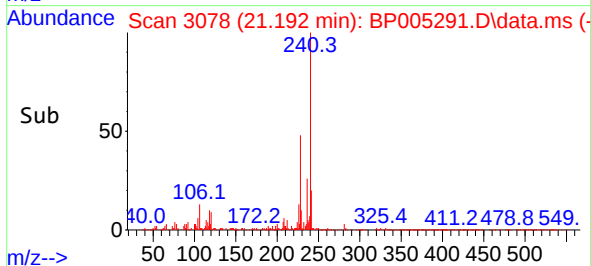
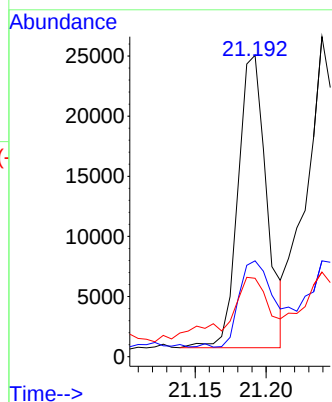
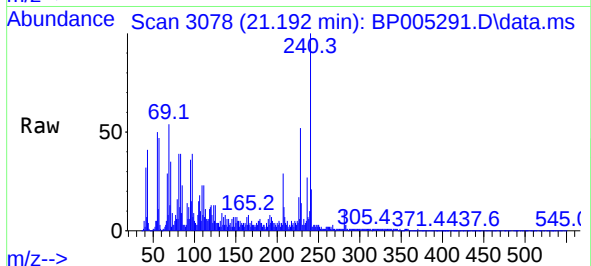




#81
Benzo(a)anthracene
Concen: 2.44 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

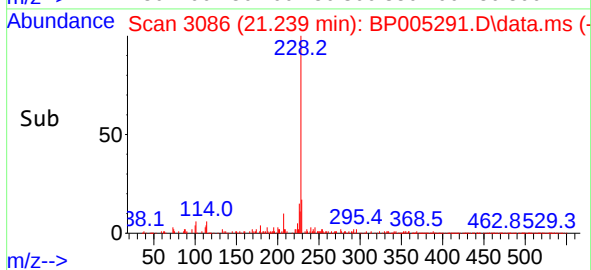
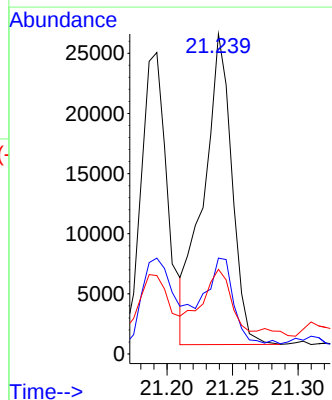
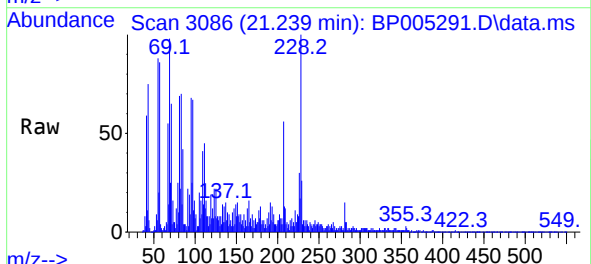
Instrument :
BNA_P
ClientSampleId :
SB-5B

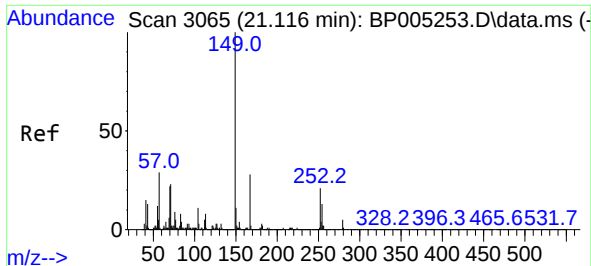
Tgt Ion:228 Resp: 34217
Ion Ratio Lower Upper
228 100
226 31.8 22.1 33.1
229 26.0 15.9 23.9#



#83
Chrysene
Concen: 2.87 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:228 Resp: 39233
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 26.5 15.8 23.6#

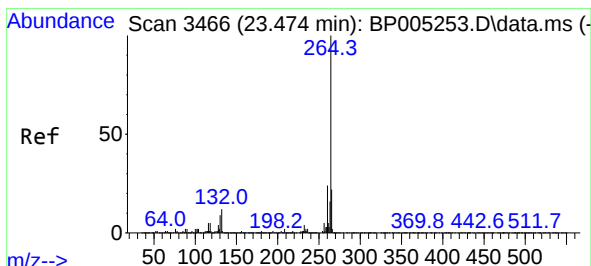
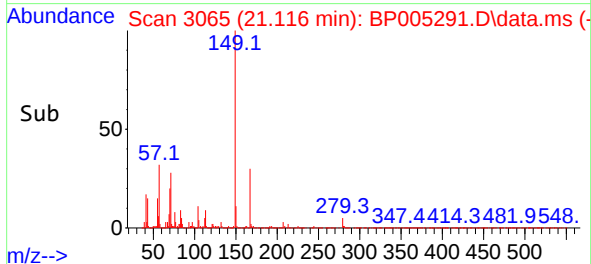
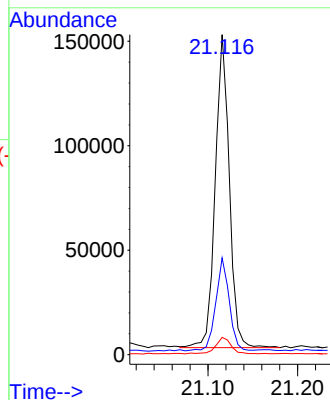
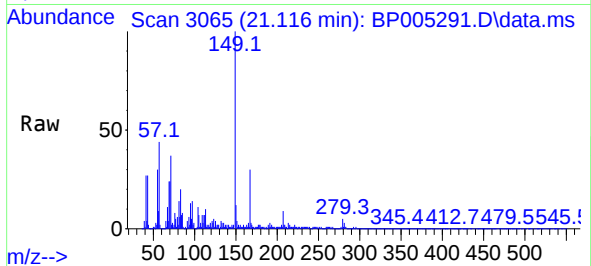




#84
Bis(2-ethylhexyl)phthalate
Concen: 20.96 ng
RT: 21.116 min Scan# 3065
Delta R.T. 0.000 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

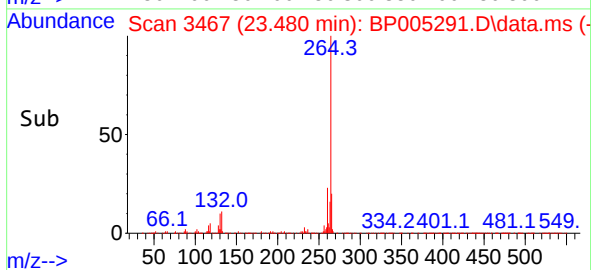
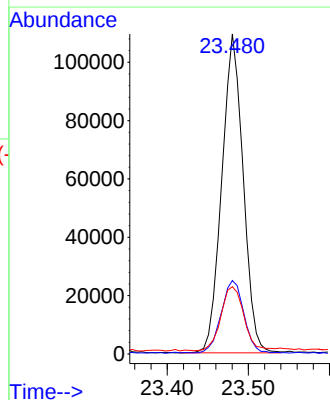
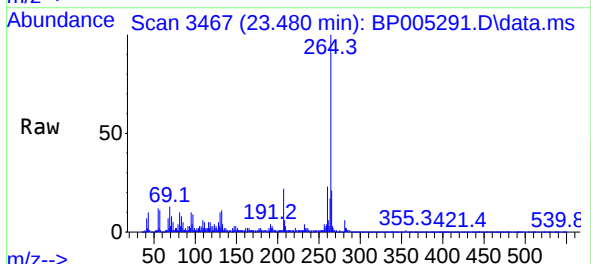
Instrument :
BNA_P
ClientSampled :
SB-5B

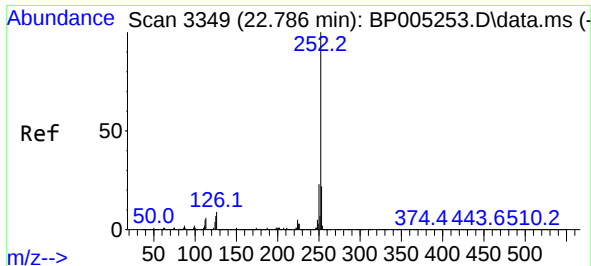
Tgt Ion:149 Resp: 162814
Ion Ratio Lower Upper
149 100
167 30.3 22.6 34.0
279 5.4 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.480 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:264 Resp: 200165
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.0 17.4 26.2

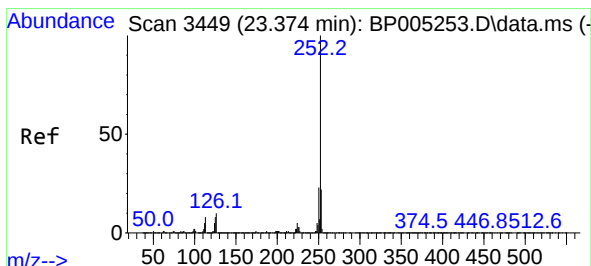
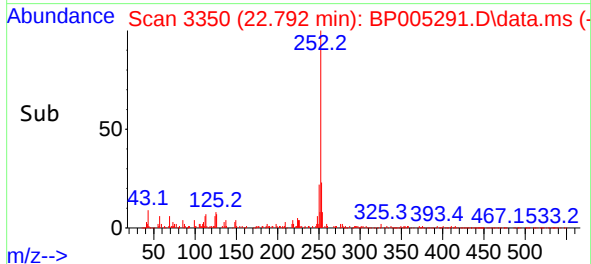
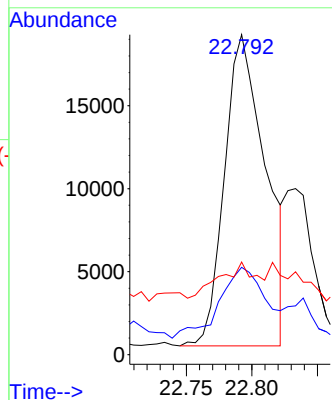
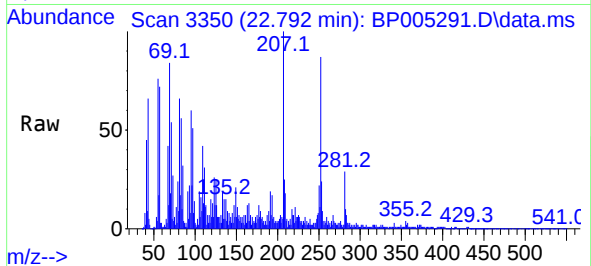




#88
Benzo(b)fluoranthene
Concen: 3.11 ng
RT: 22.792 min Scan# 3350
Delta R.T. 0.006 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Instrument :
BNA_P
ClientSampleId :
SB-5B

Tgt Ion:252 Resp: 40802
Ion Ratio Lower Upper
252 100
253 27.3 17.6 26.4#
125 28.9 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.40 ng
RT: 23.380 min Scan# 3450
Delta R.T. 0.006 min
Lab File: BP005291.D
Acq: 13 Apr 2021 17:26

Tgt Ion:252 Resp: 29060
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 24.6 8.2 12.4#

