

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005293.D
 Acq On : 13 Apr 2021 18:34
 Operator : CG/JU
 Sample : M1998-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4B

Quant Time: Apr 14 02:44:22 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)

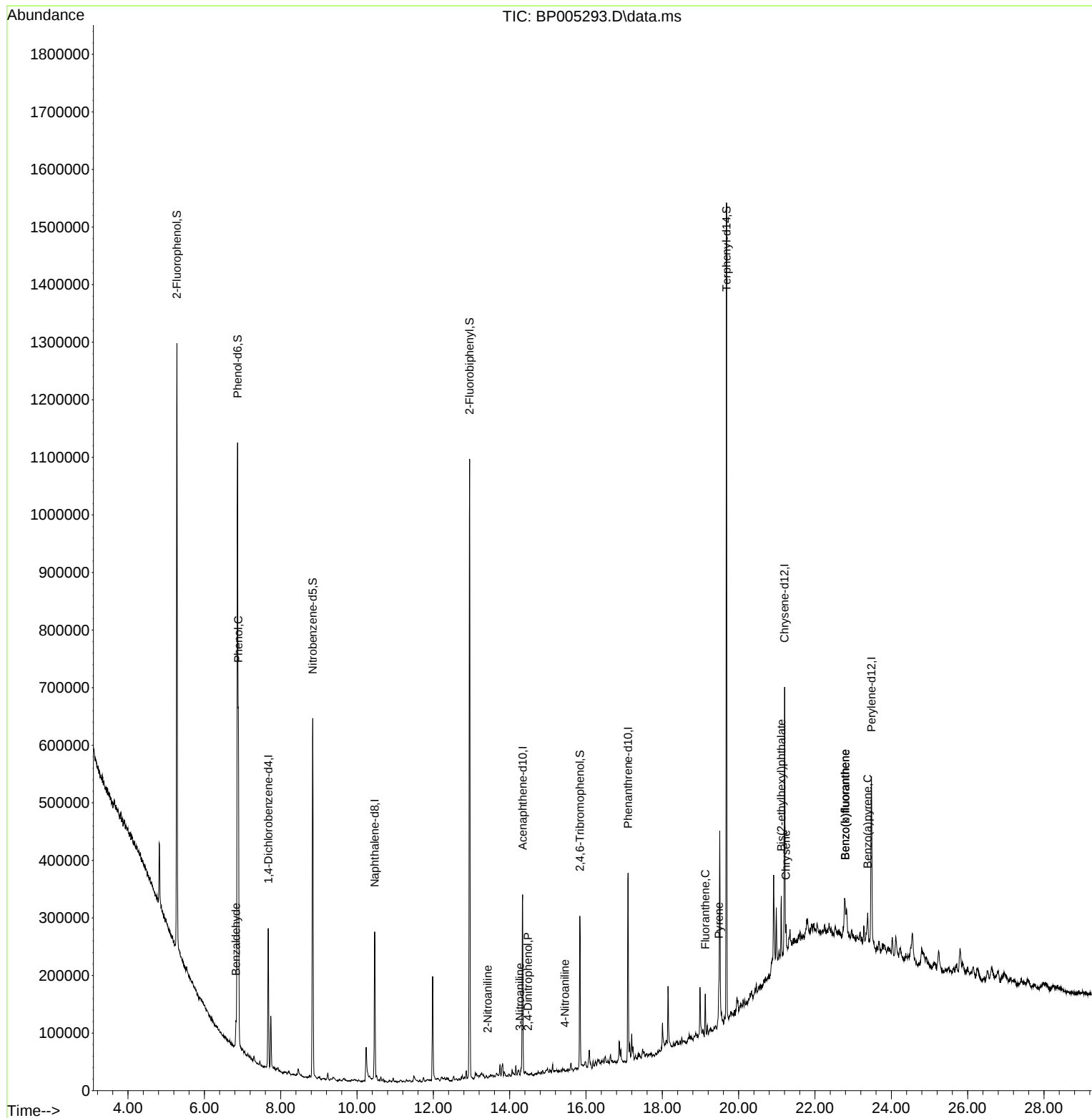
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	54077	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	175713	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	88808	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	170996	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	184111	20.00	ng	# 0.00
86) Perylene-d12	23.480	264	204952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	460412	89.35	ng	0.00
7) Phenol-d6	6.869	99	581988	98.99	ng	0.00
23) Nitrobenzene-d5	8.840	82	380667	68.32	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	41019	36.59	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	477407	72.57	ng	0.00
79) Terphenyl-d14	19.680	244	552634	58.97	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.828	77	16762	4.33	ng	# 79
10) Phenol	6.893	94	275420	45.74	ng	79
48) 2-Nitroaniline	13.422	65	121	3.57	ng	# 3
53) 3-Nitroaniline	14.269	138	71	2.52	ng	# 1
54) 2,4-Dinitrophenol	14.481	184	9	6.16	ng	# 1
62) 4-Nitroaniline	15.451	138	30	2.10	ng	# 1
75) Fluoranthene	19.127	202	36648	3.09	ng	99
78) Pyrene	19.480	202	39910	3.49	ng	98
83) Chrysene	21.239	228	25539	2.16	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.116	149	29213	4.35	ng	97
88) Benzo(b)fluoranthene	22.792	252	40529	3.02	ng	# 85
89) Benzo(k)fluoranthene	22.792	252	40529	3.15	ng	# 86
90) Benzo(a)pyrene	23.380	252	26948	2.17	ng	# 83

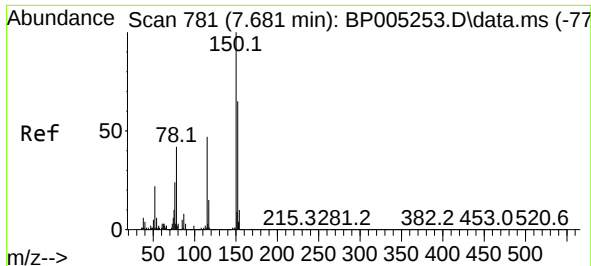
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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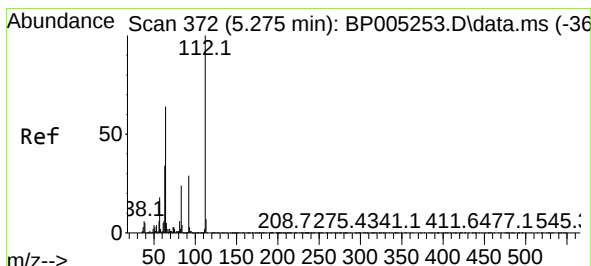
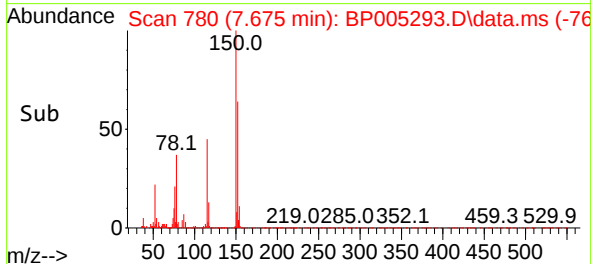
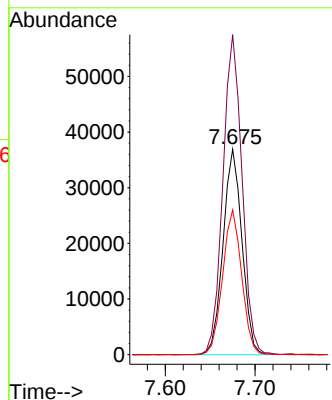
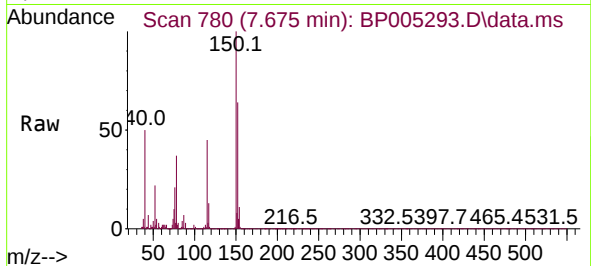




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

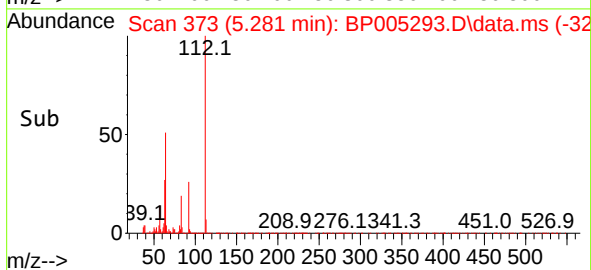
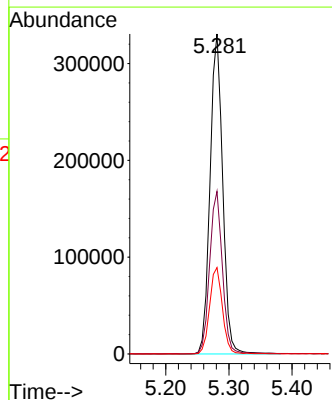
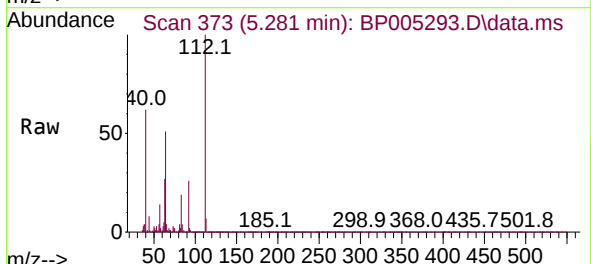
Instrument :
BNA_P
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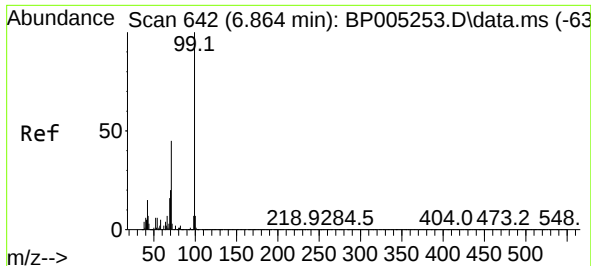
Tgt Ion:152 Resp: 54077
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 70.5 43.8 65.6#



#5
2-Fluorophenol
Concen: 89.35 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:112 Resp: 460412
Ion Ratio Lower Upper
112 100
64 50.8 32.8 49.2#
63 27.0 17.0 25.4#

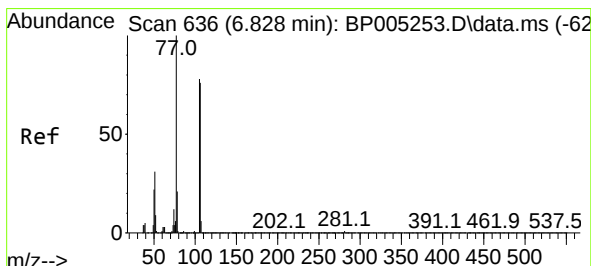
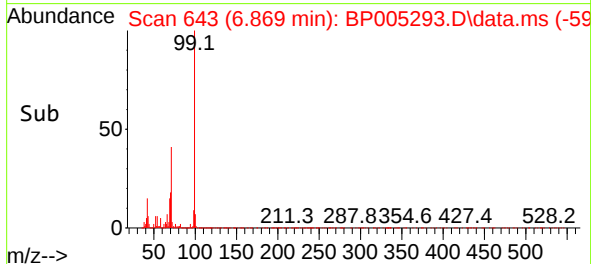
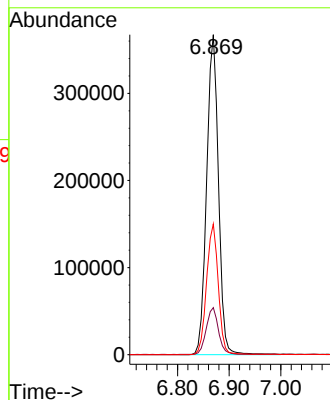
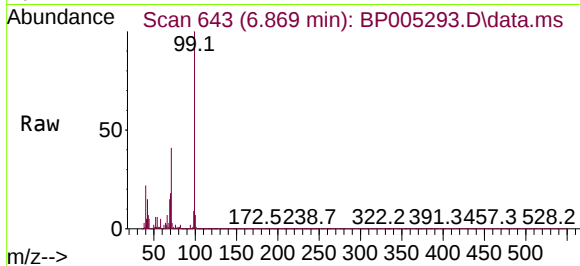




#7
Phenol-d6
Concen: 98.99 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

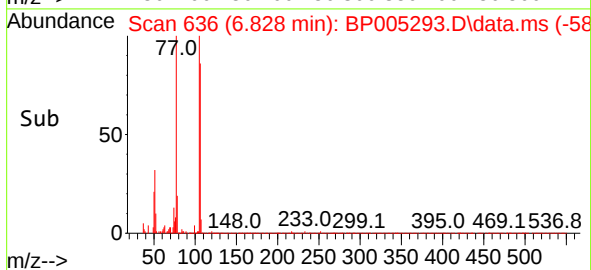
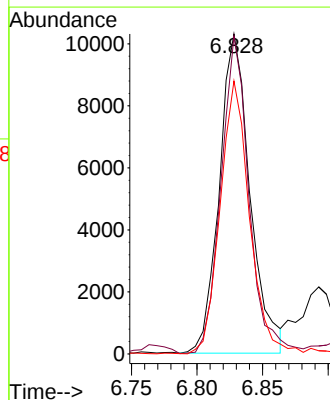
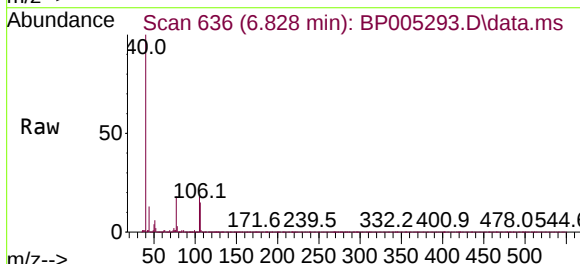
Instrument :
BNA_P
ClientSampleId :
SB-4B

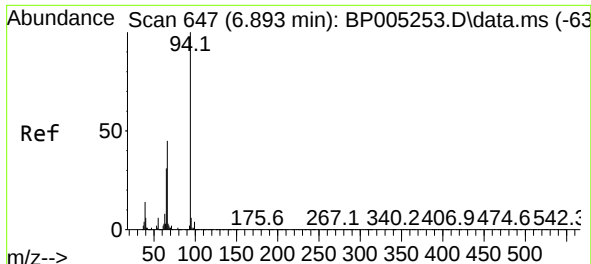
Tgt Ion: 99 Resp: 581988
Ion Ratio Lower Upper
99 100
42 14.7 8.6 13.0#
71 40.9 23.4 35.2#



#9
Benzaldehyde
Concen: 4.33 ng
RT: 6.828 min Scan# 636
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion: 77 Resp: 16762
Ion Ratio Lower Upper
77 100
105 99.3 97.1 137.1
106 85.3 93.7 133.7#

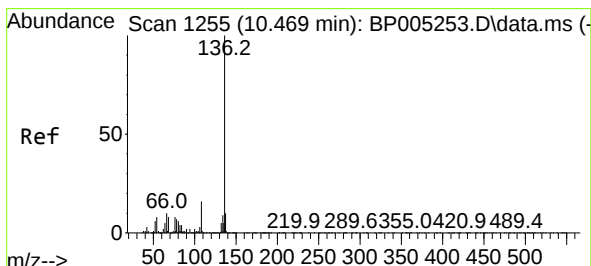
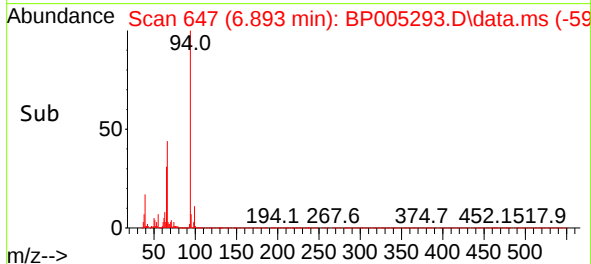
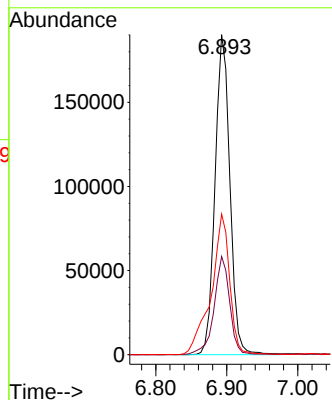
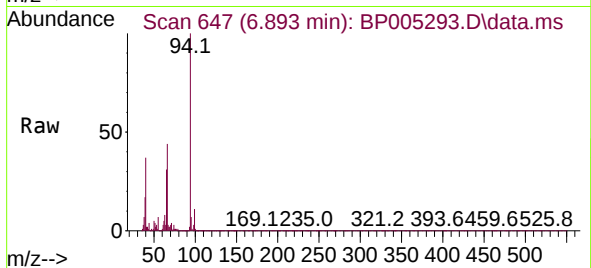




#10
Phenol
Concen: 45.74 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

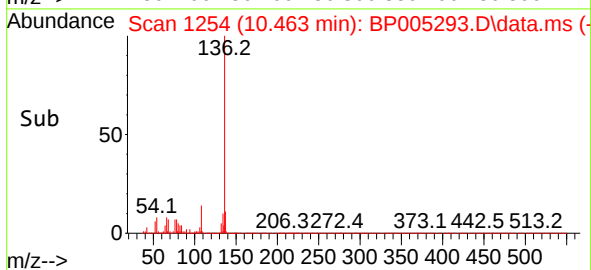
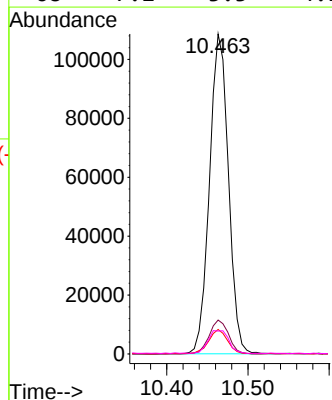
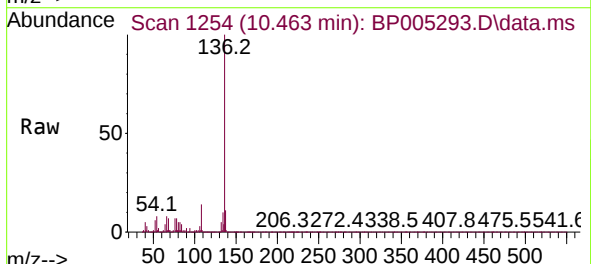
Instrument :
BNA_P
ClientSampleId :
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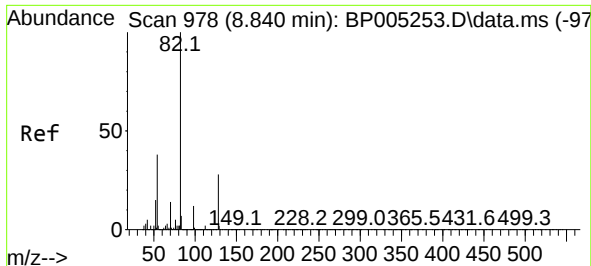
Tgt Ion: 94 Resp: 275420
Ion Ratio Lower Upper
94 100
65 30.7 2.3 42.3
66 44.0 10.9 50.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:136 Resp: 175713
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.6 3.6 5.4#
68 7.2 3.3 4.9#

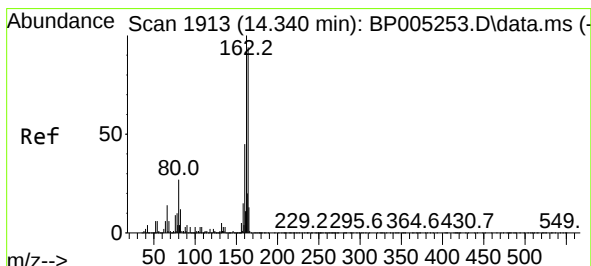
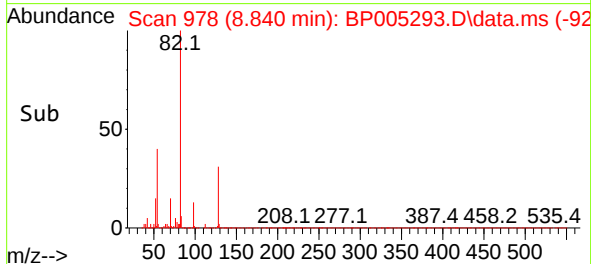
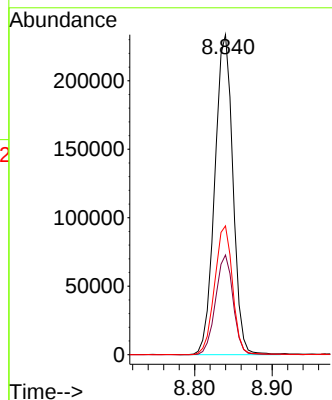
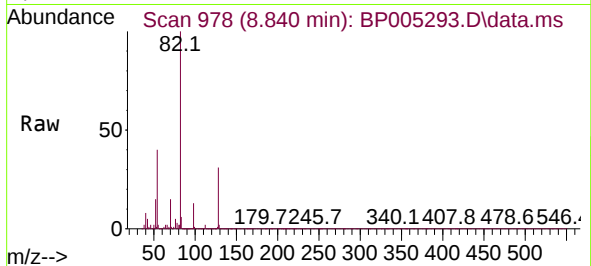




#23
Nitrobenzene-d5
Concen: 68.32 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

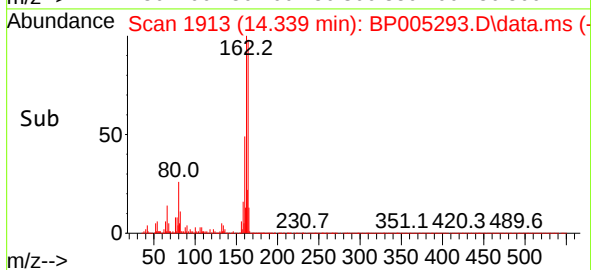
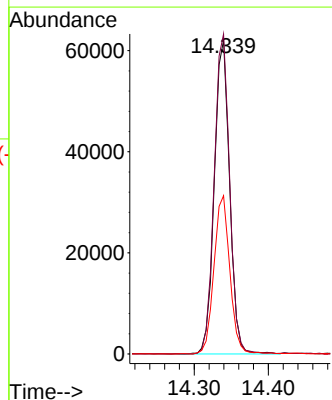
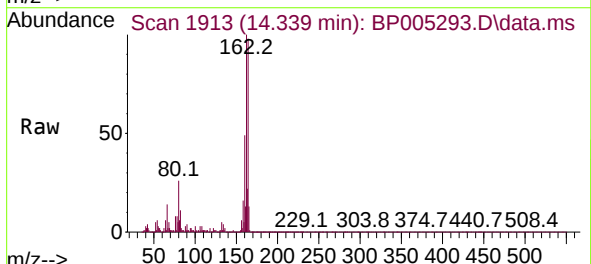
Instrument :
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ClientSampled :
SB-4B

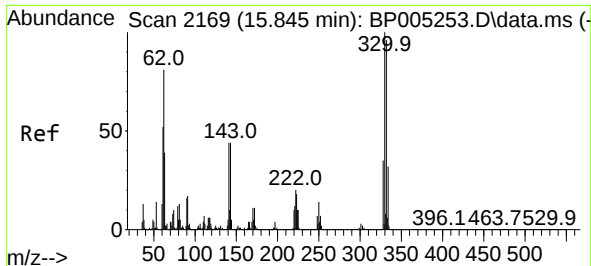
Tgt Ion: 82 Resp: 380667
Ion Ratio Lower Upper
82 100
128 31.2 45.6 68.4#
54 40.2 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion: 164 Resp: 88808
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 50.5 36.1 54.1

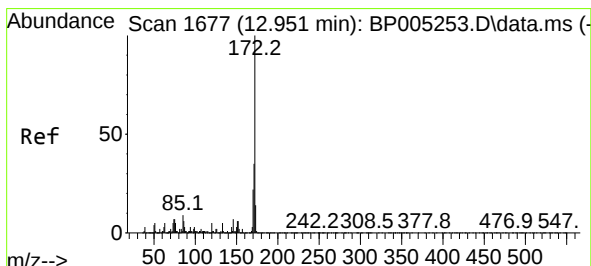
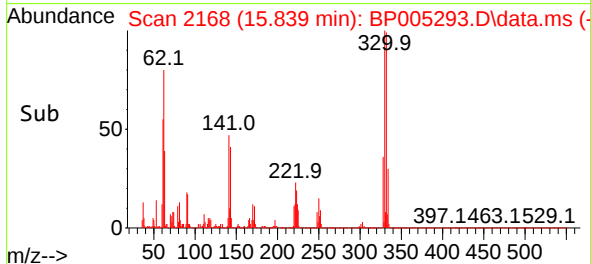
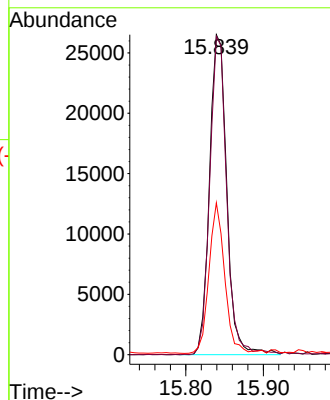
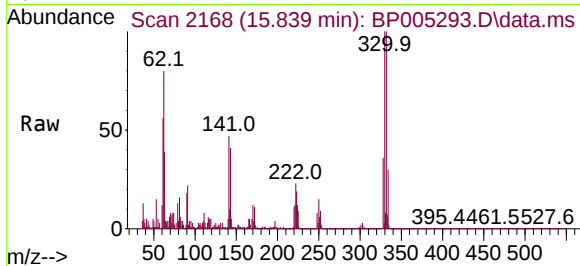




#42
2,4,6-Tribromophenol
Concen: 36.59 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

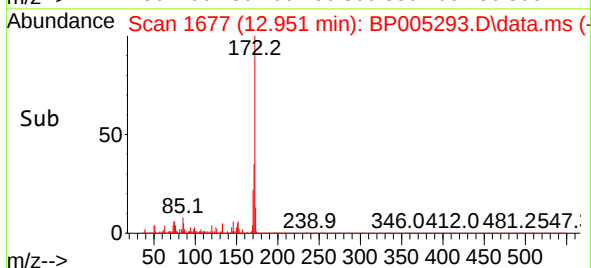
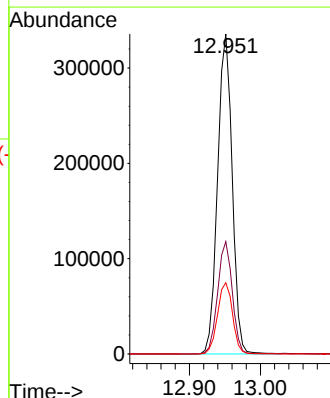
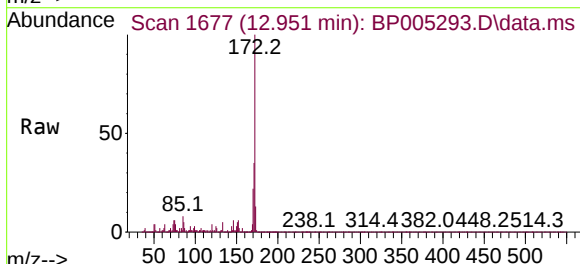
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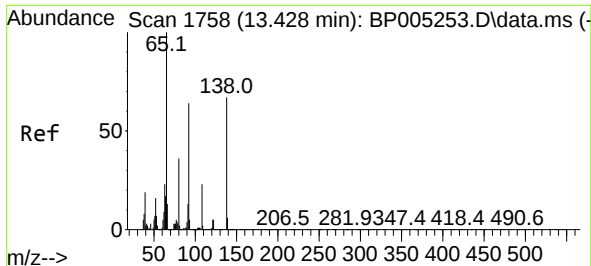
Tgt Ion:330 Resp: 41019
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 42.8 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 72.57 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:172 Resp: 477407
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.2 19.2 28.8

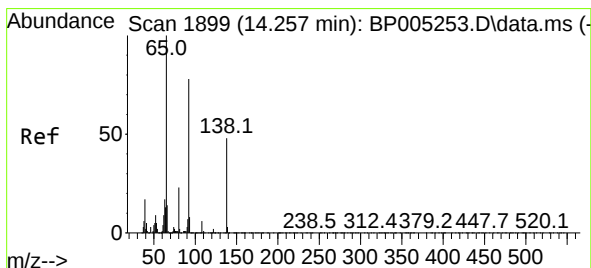
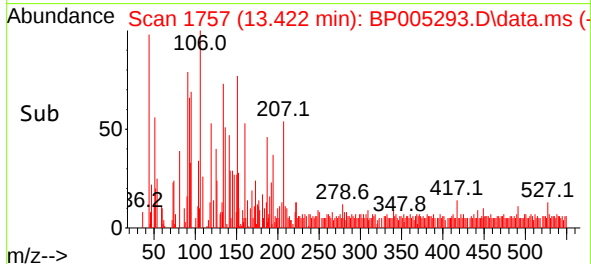
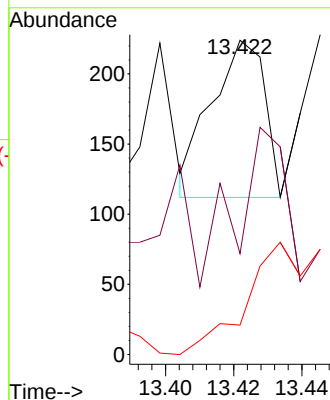
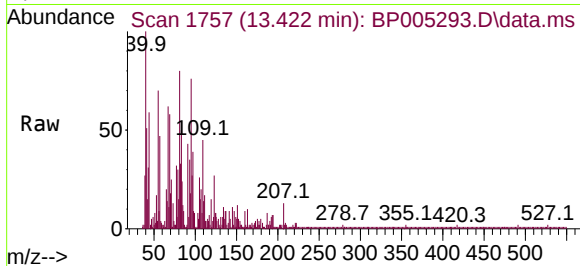




#48
2-Nitroaniline
Concen: 3.57 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

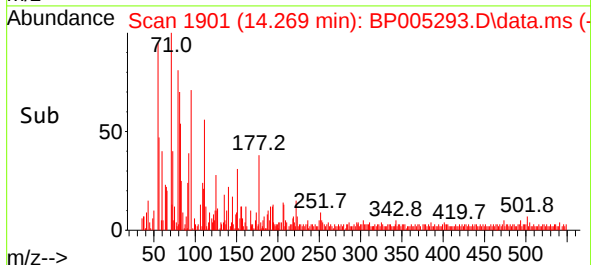
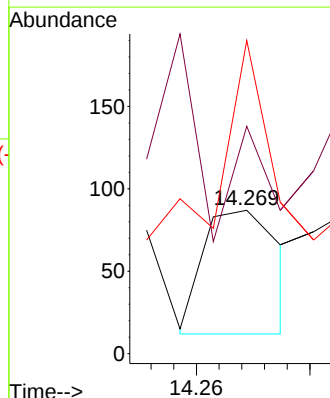
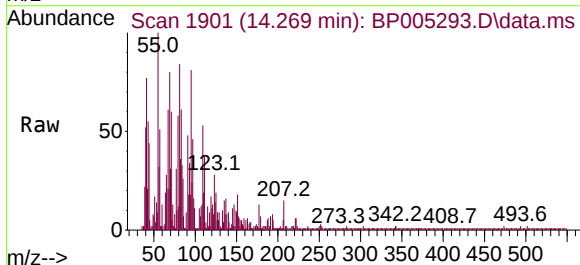
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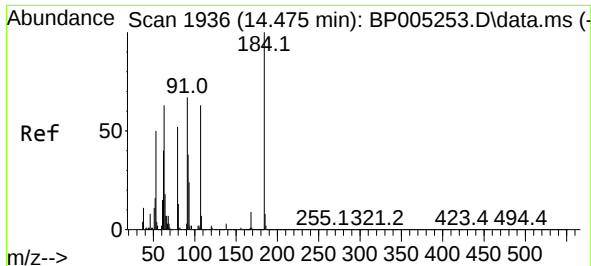
Tgt Ion: 65 Resp: 121
Ion Ratio Lower Upper
65 100
92 32.1 70.6 106.0#
138 9.4 133.6 200.4#



#53
3-Nitroaniline
Concen: 2.52 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.012 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion: 138 Resp: 71
Ion Ratio Lower Upper
138 100
108 158.6 7.5 11.3#
92 218.4 75.0 112.6#

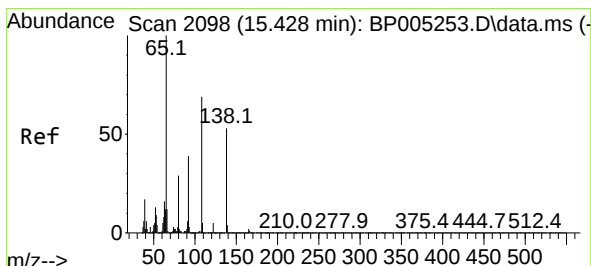
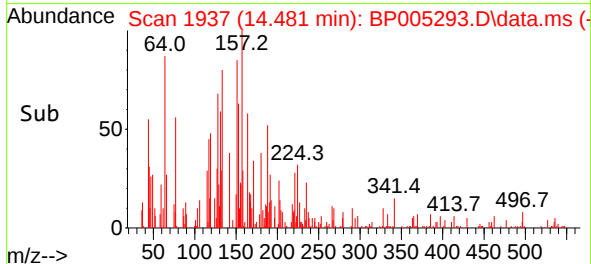
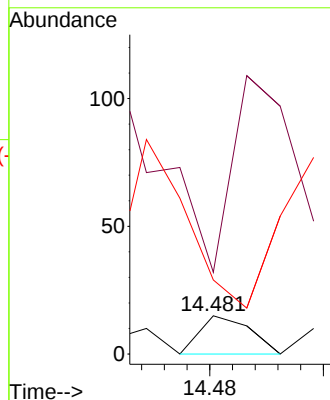
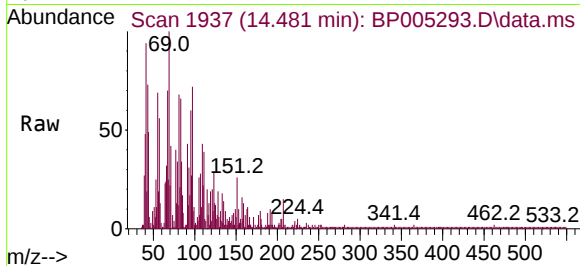




#54
2,4-Dinitrophenol
Concen: 6.16 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

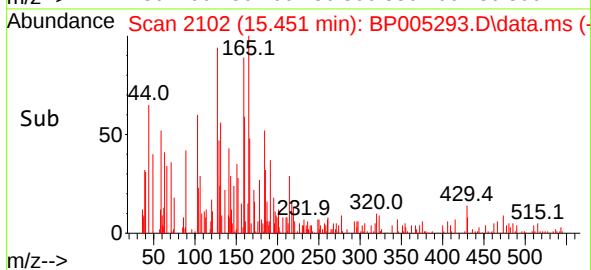
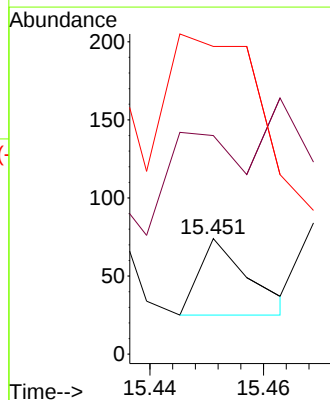
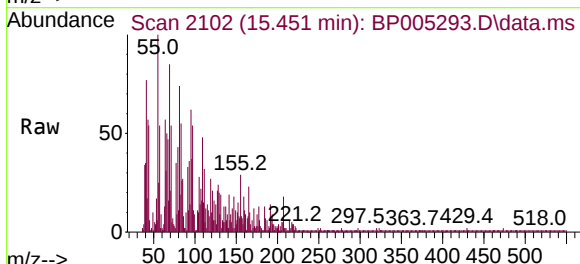
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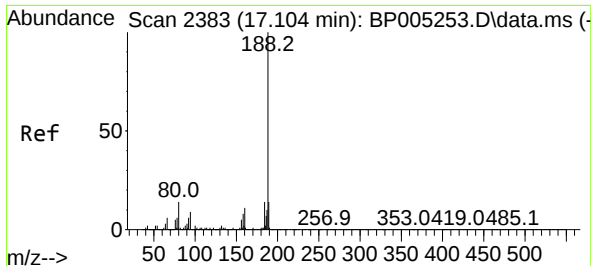
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 213.3 32.3 48.5#
154 193.3 49.1 73.7#



#62
4-Nitroaniline
Concen: 2.10 ng
RT: 15.451 min Scan# 2102
Delta R.T. 0.023 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:138 Resp: 30
Ion Ratio Lower Upper
138 100
92 189.2 20.7 60.7#
108 266.2 47.8 87.8#

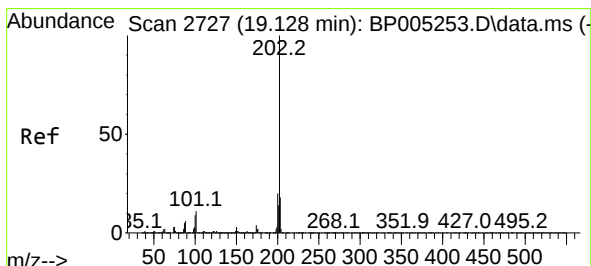
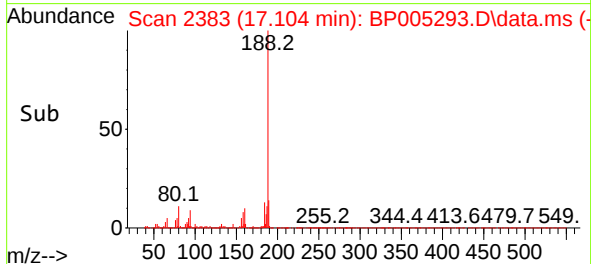
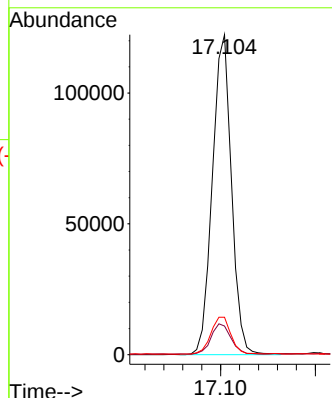
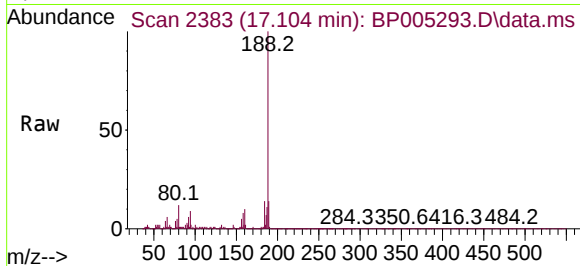




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

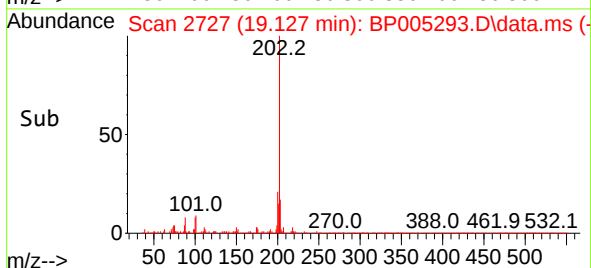
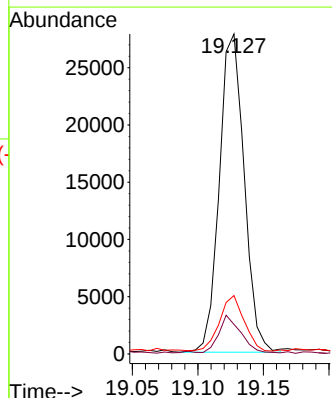
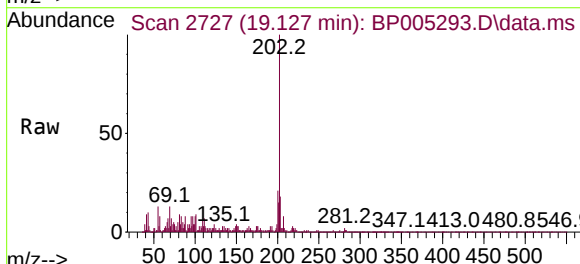
Instrument :
BNA_P
ClientSampleId :
SB-4B

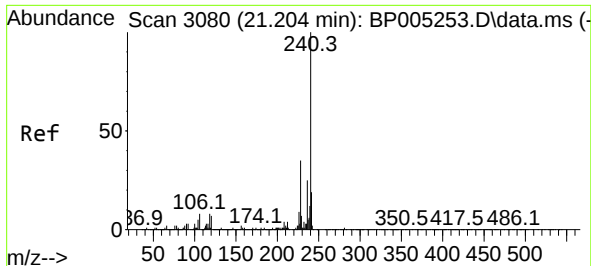
Tgt Ion:188 Resp: 170996
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 11.7 6.2 9.2#



#75
Fluoranthene
Concen: 3.09 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:202 Resp: 36648
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.4
203 18.3 0.0 37.8

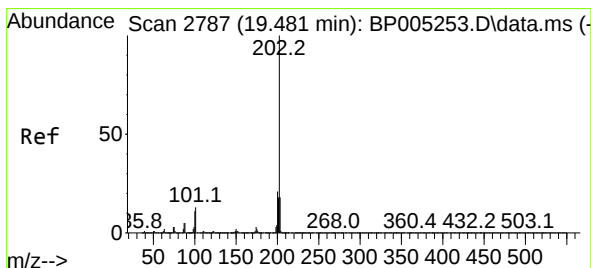
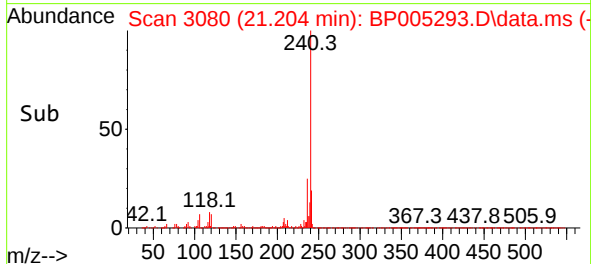
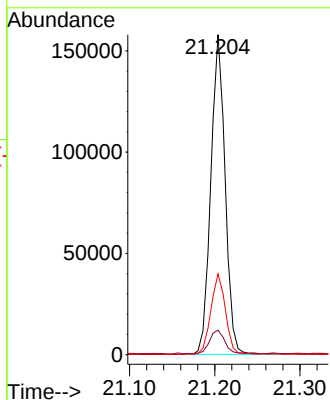
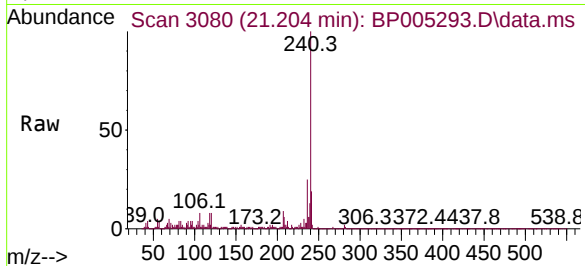




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

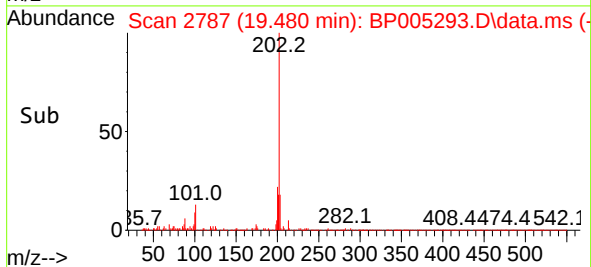
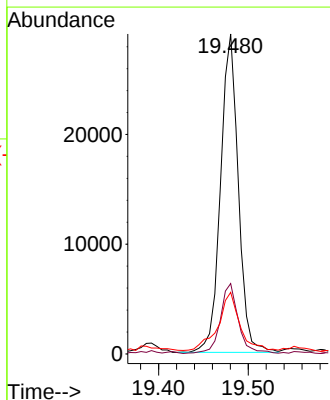
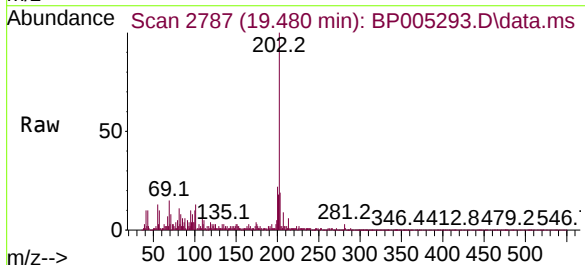
Instrument :
BNA_P
ClientSampleId :
SB-4B

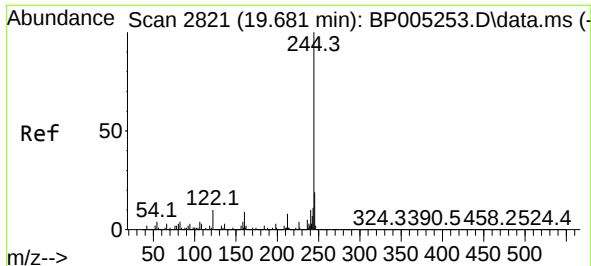
Tgt Ion:240 Resp: 184111
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.6#
236 25.3 20.8 31.2



#78
Pyrene
Concen: 3.49 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:202 Resp: 39910
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 19.3 14.2 21.2

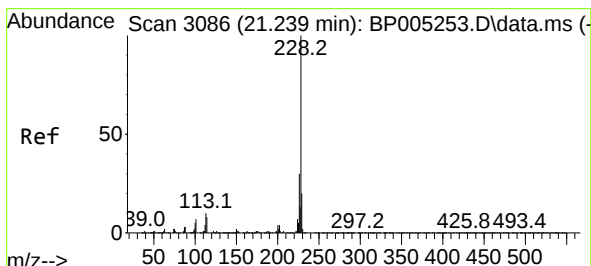
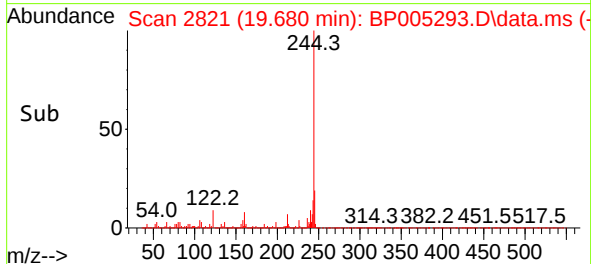
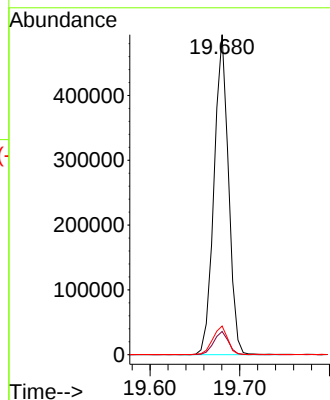
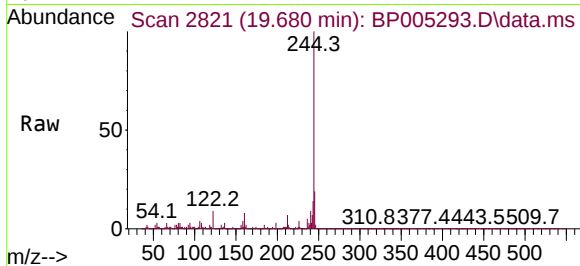




#79
Terphenyl-d14
Concen: 58.97 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

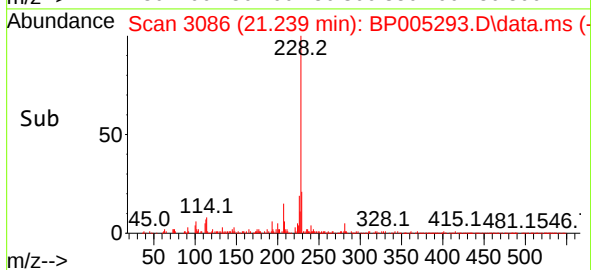
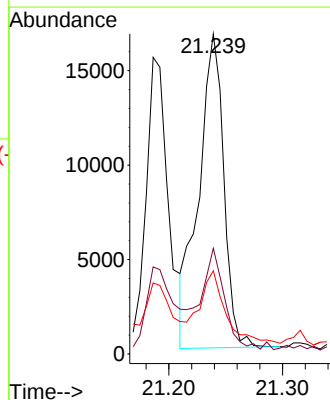
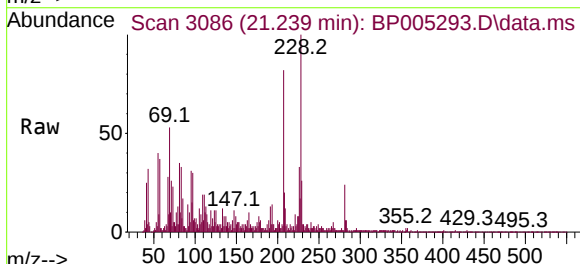
Instrument :
BNA_P
ClientSampleId :
SB-4B

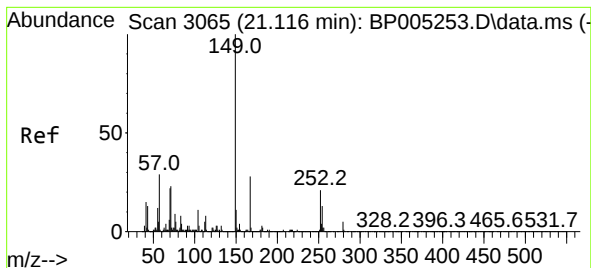
Tgt Ion:244 Resp: 552634
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.0 7.8 11.8



#83
Chrysene
Concen: 2.16 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:228 Resp: 25539
Ion Ratio Lower Upper
228 100
226 33.0 24.4 36.6
229 26.0 15.8 23.6#

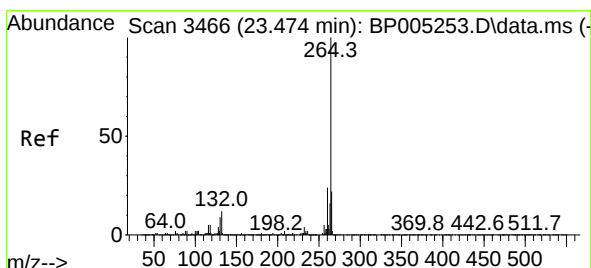
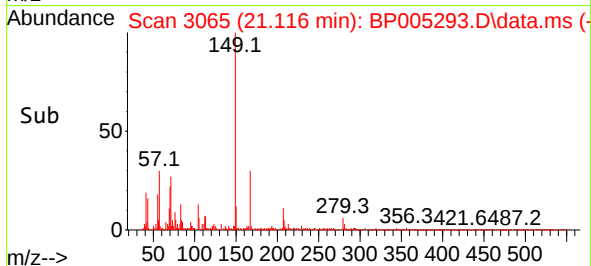
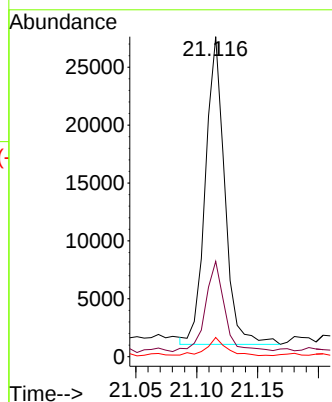
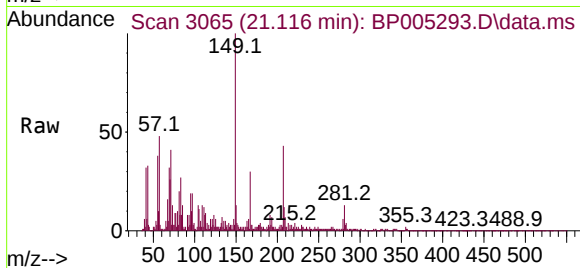




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.35 ng
RT: 21.116 min Scan# 3065
Delta R.T. -0.000 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

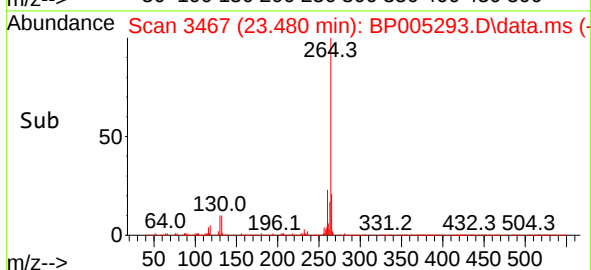
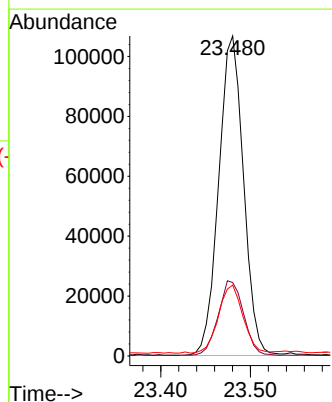
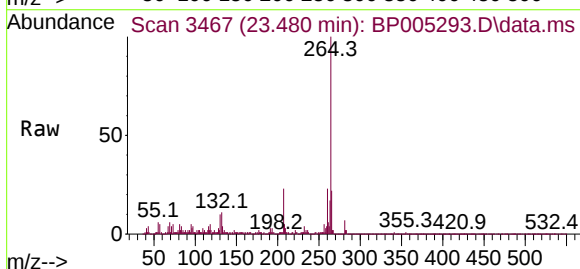
Instrument :
BNA_P
ClientSampled :
SB-4B

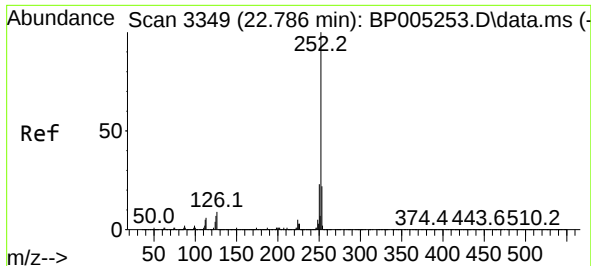
Tgt Ion:149 Resp: 29213
Ion Ratio Lower Upper
149 100
167 29.8 22.6 34.0
279 6.0 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.480 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:264 Resp: 204952
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.2 17.4 26.2

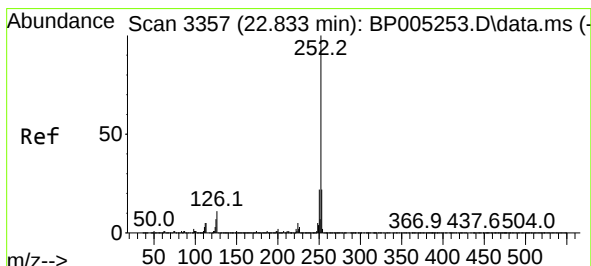
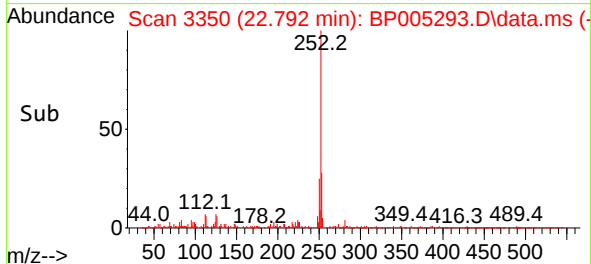
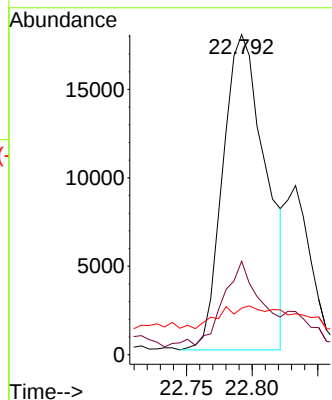
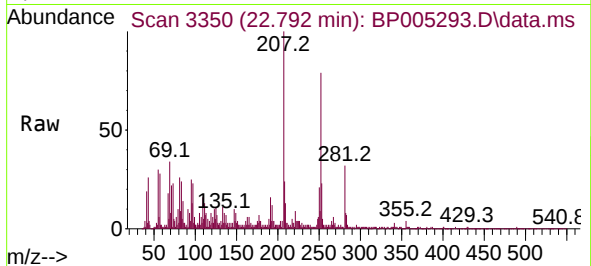




#88
Benzo(b)fluoranthene
Concen: 3.02 ng
RT: 22.792 min Scan# 3350
Delta R.T. 0.006 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

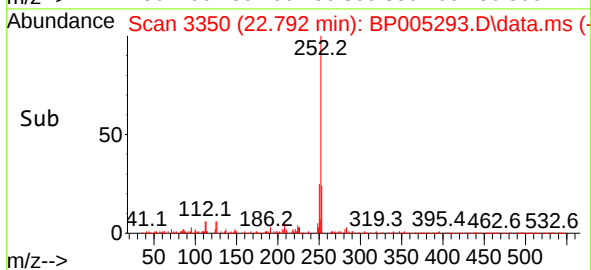
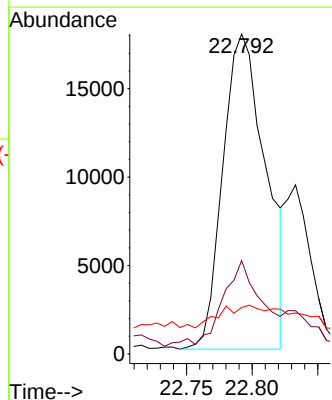
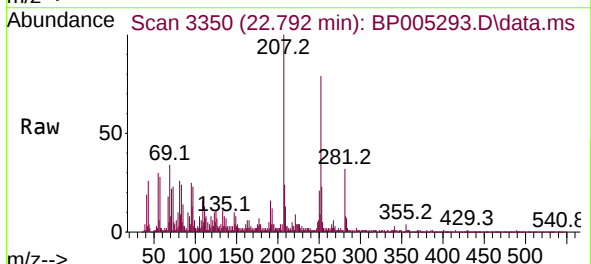
Instrument :
BNA_P
ClientSampled :
SB-4B

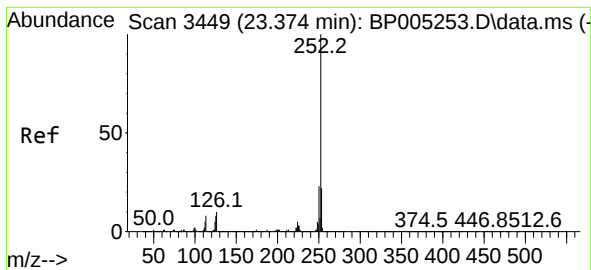
Tgt Ion:252 Resp: 40529
Ion Ratio Lower Upper
252 100
253 29.2 17.6 26.4#
125 14.6 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 3.15 ng
RT: 22.792 min Scan# 3350
Delta R.T. -0.041 min
Lab File: BP005293.D
Acq: 13 Apr 2021 18:34

Tgt Ion:252 Resp: 40529
Ion Ratio Lower Upper
252 100
253 29.2 17.8 26.8#
125 14.6 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 2.17 ng

RT: 23.380 min Scan# 3450

Delta R.T. 0.006 min

Lab File: BP005293.D

Acq: 13 Apr 2021 18:34

Instrument :

BNA_P

ClientSampleId :

SB-4B

Tgt Ion:252 Resp: 26948

Ion Ratio Lower Upper

252 100

253 29.9 17.4 26.0#

125 16.7 8.2 12.4#

