

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005273.D
 Acq On : 12 Apr 2021 19:07
 Operator : CG/JU
 Sample : M1993-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-2

Quant Time: Apr 13 00:26:53 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)

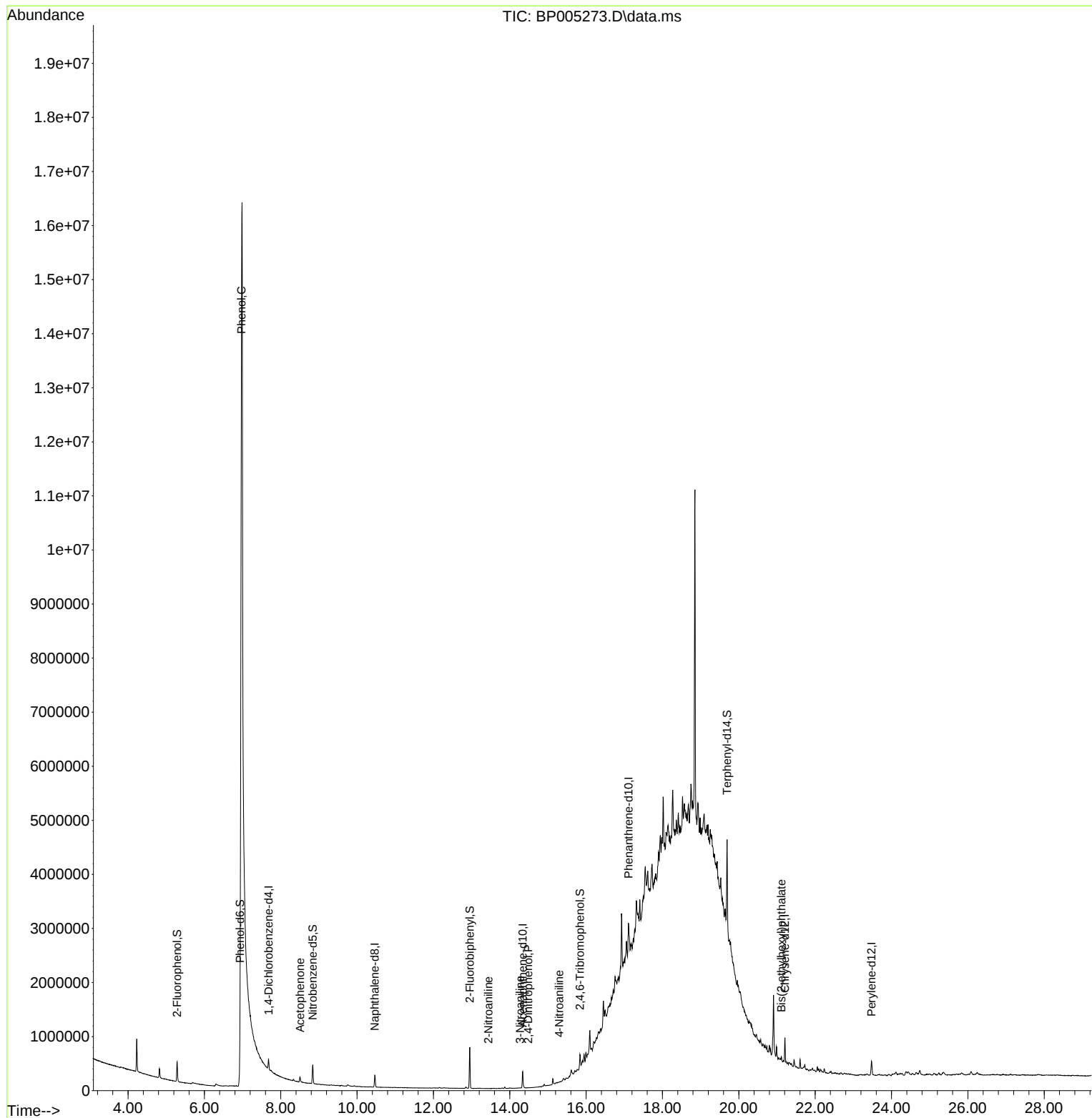
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	41394	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	148247	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	85400	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	202312	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	187168	20.00	ng	0.00
86) Perylene-d12	23.474	264	176489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	157183	39.85	ng	0.01
7) Phenol-d6	6.934	99	296862	65.96	ng	0.07
23) Nitrobenzene-d5	8.840	82	206102	43.84	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	34688	32.18	ng	0.00
45) 2-Fluorobiphenyl	12.952	172	321845	50.88	ng	0.00
79) Terphenyl-d14	19.692	244	537523	56.42	ng	0.01
Target Compounds						
						Qvalue
10) Phenol	6.969	94	13040	2.83	ng	# 27
22) Acetophenone	8.505	105	52781	10.11	ng	# 86
48) 2-Nitroaniline	13.440	65	175	3.59	ng	# 1
53) 3-Nitroaniline	14.269	138	74	2.52	ng	# 71
54) 2,4-Dinitrophenol	14.481	184	13	6.16	ng	# 1
62) 4-Nitroaniline	15.298	138	400	2.34	ng	94
84) Bis(2-ethylhexyl)phtha...	21.116	149	24912	3.65	ng	94

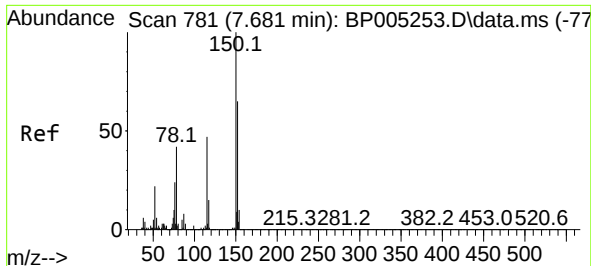
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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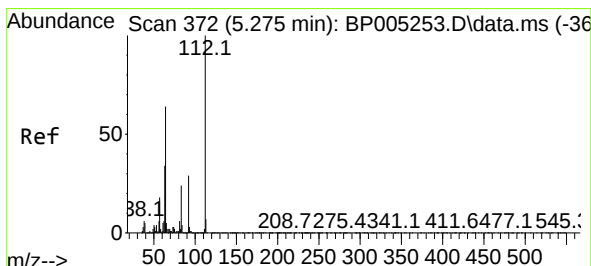
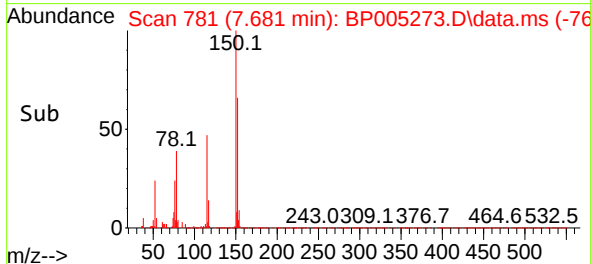
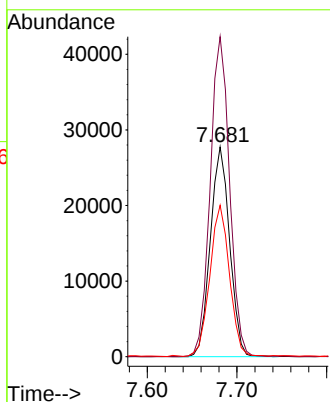
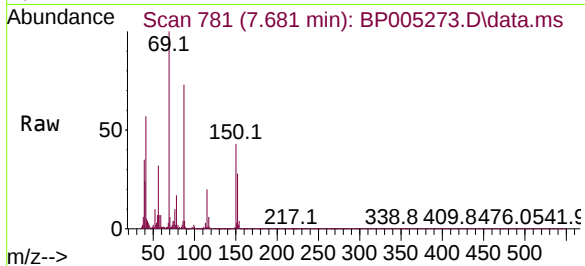




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

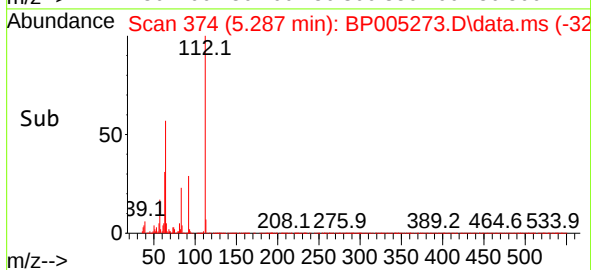
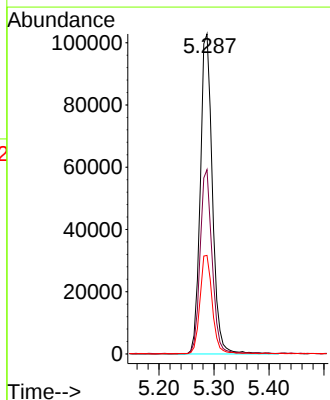
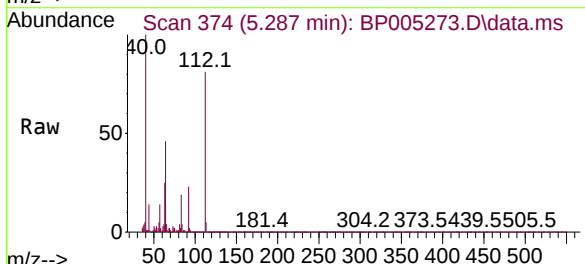
Instrument :
BNA_P
ClientSampleId :
T-2

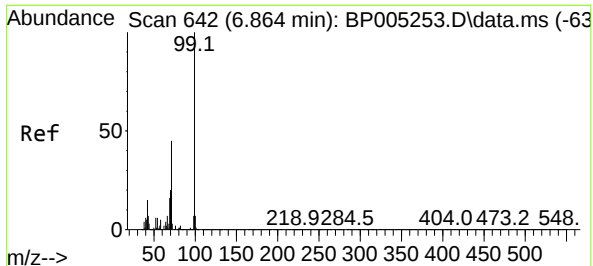
Tgt Ion:152 Resp: 41394
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 72.2 43.8 65.6#



#5
2-Fluorophenol
Concen: 39.85 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.012 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

Tgt Ion:112 Resp: 157183
Ion Ratio Lower Upper
112 100
64 57.6 32.8 49.2#
63 30.8 17.0 25.4#

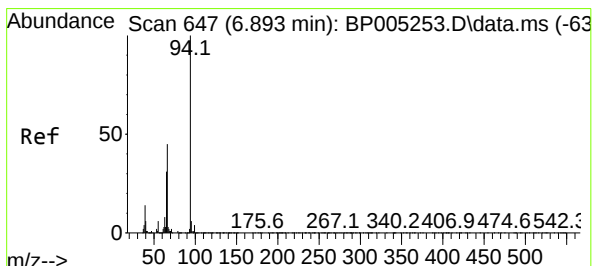
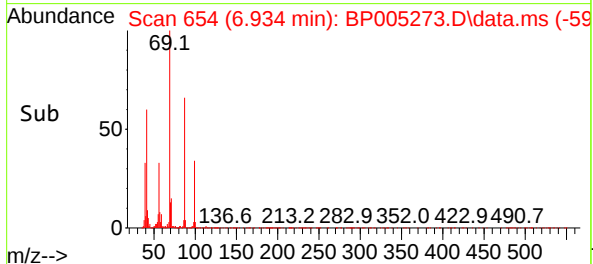
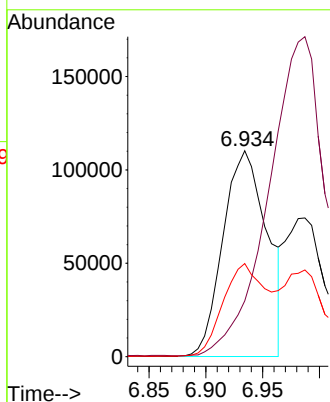
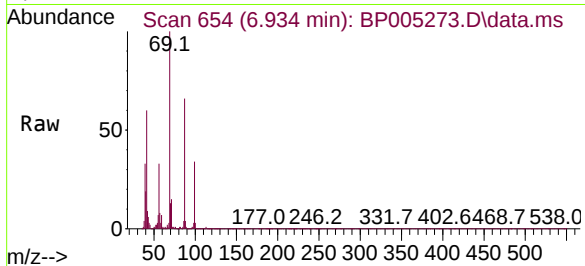




#7
Phenol-d6
Concen: 65.96 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.071 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

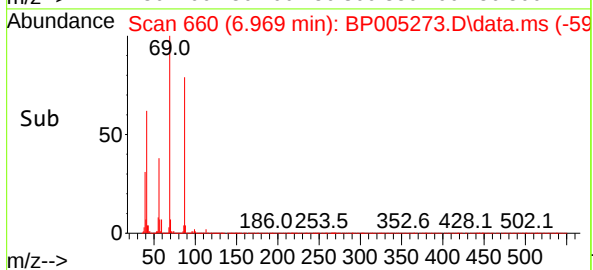
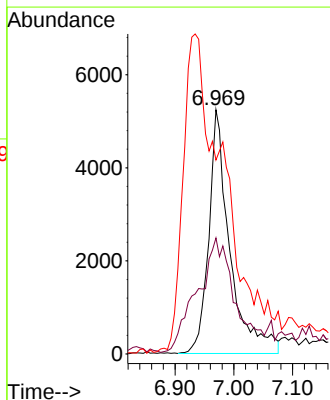
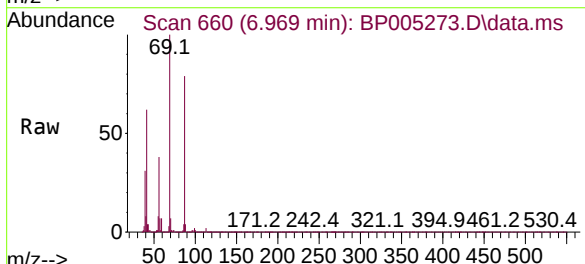
Instrument :
BNA_P
ClientSampled :
T-2

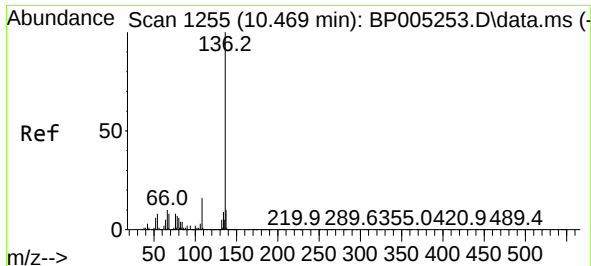
Tgt Ion: 99 Resp: 296862
Ion Ratio Lower Upper
99 100
42 27.1 8.6 13.0#
71 45.2 23.4 35.2#



#10
Phenol
Concen: 2.83 ng
RT: 6.969 min Scan# 660
Delta R.T. 0.077 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

Tgt Ion: 94 Resp: 13040
Ion Ratio Lower Upper
94 100
65 47.5 2.3 42.3#
66 79.4 10.9 50.9#

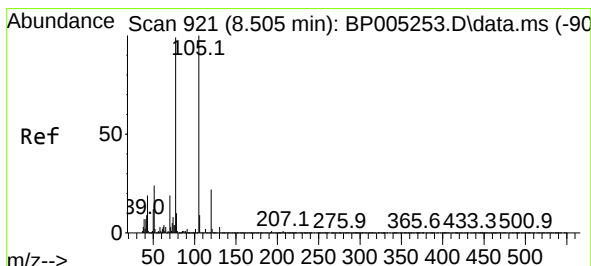
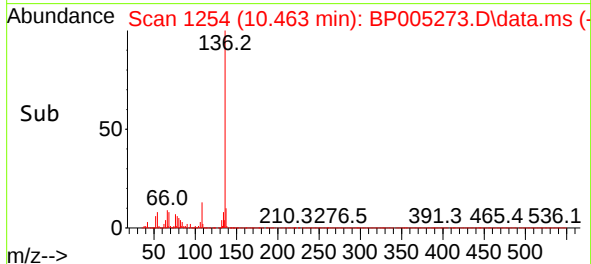
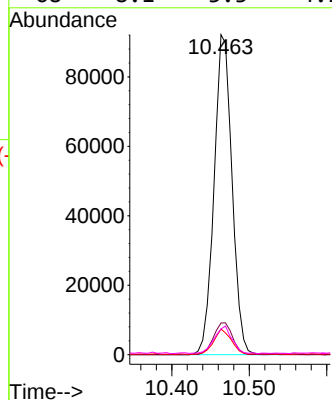
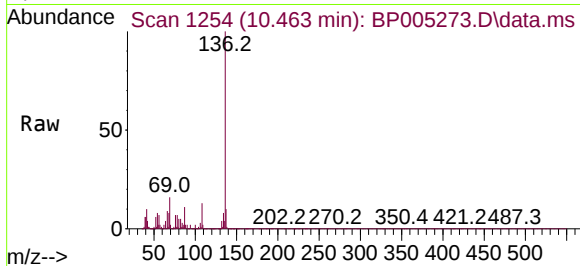




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

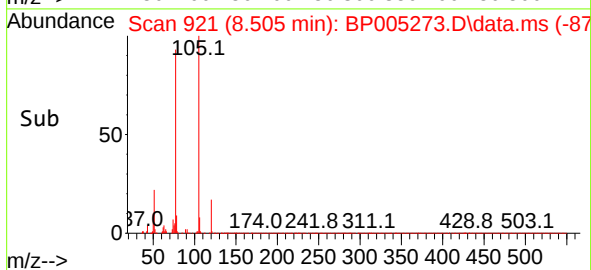
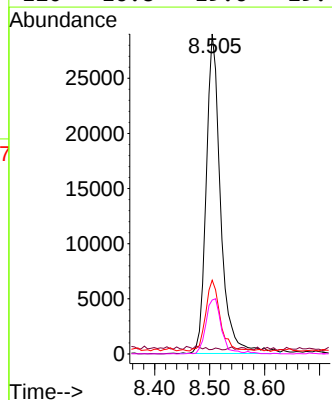
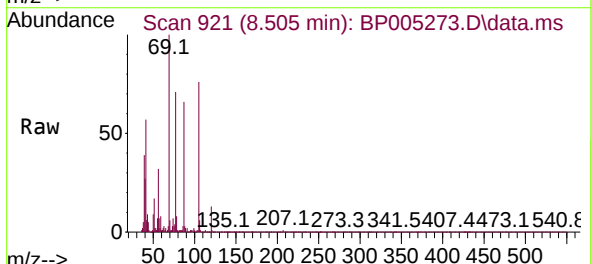
Instrument :
BNA_P
ClientSampleId :
T-2

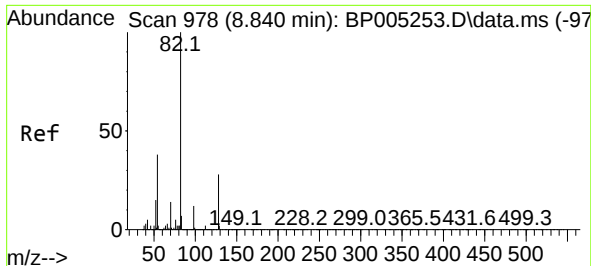
Tgt Ion:	136	Resp:	148247
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.6	13.0
54	8.0	3.6	5.4#
68	8.1	3.3	4.9#



#22
Acetophenone
Concen: 10.11 ng
RT: 8.505 min Scan# 921
Delta R.T. 0.000 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

Tgt Ion:	105	Resp:	52781
Ion Ratio	Lower	Upper	
105	100		
71	1.4	2.6	3.8#
51	23.1	13.5	20.3#
120	16.8	19.6	29.4#

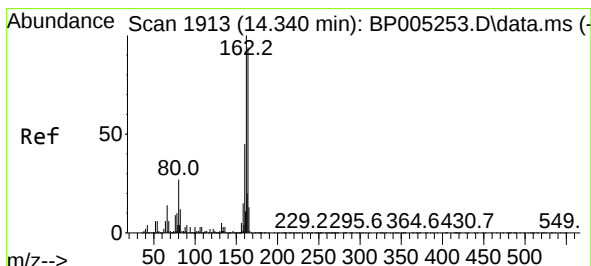
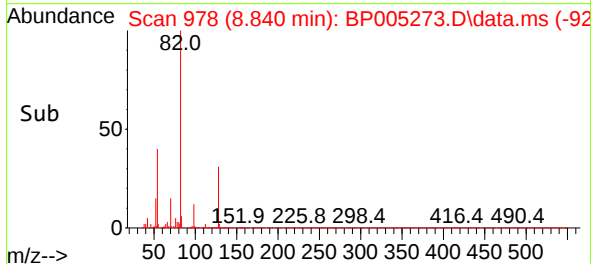
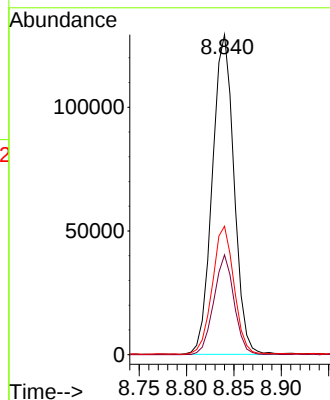
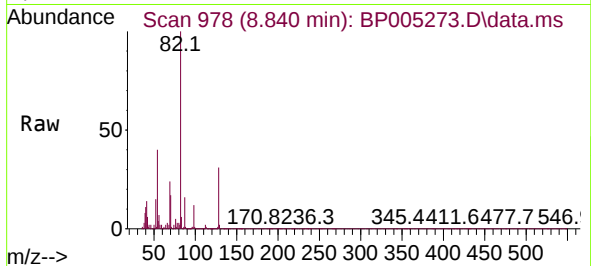




#23
Nitrobenzene-d5
Concen: 43.84 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

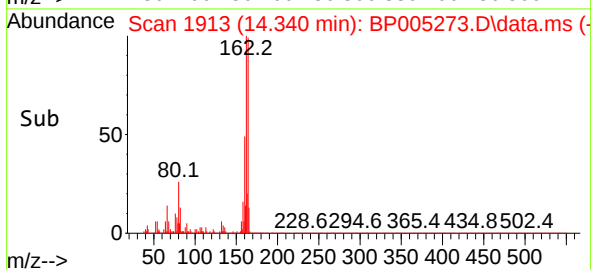
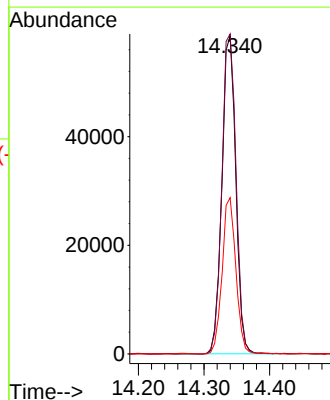
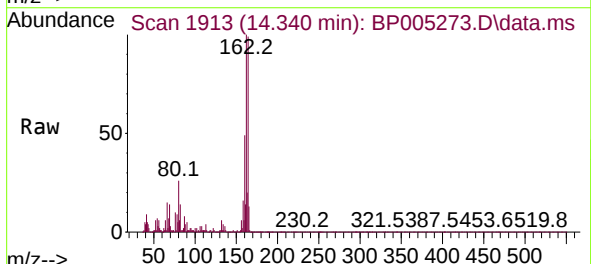
Instrument :
BNA_P
ClientSampled :
T-2

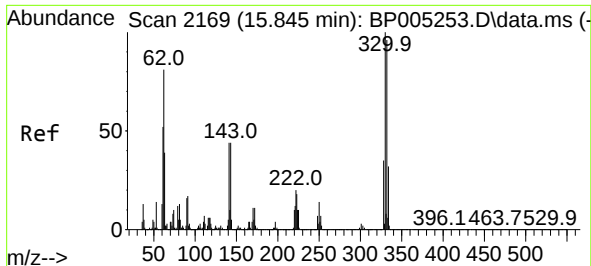
Tgt Ion: 82 Resp: 206102
Ion Ratio Lower Upper
82 100
128 31.2 45.6 68.4#
54 40.1 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

Tgt Ion: 164 Resp: 85400
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 49.1 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 32.18 ng

RT: 15.840 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BP005273.D

Acq: 12 Apr 2021 19:07

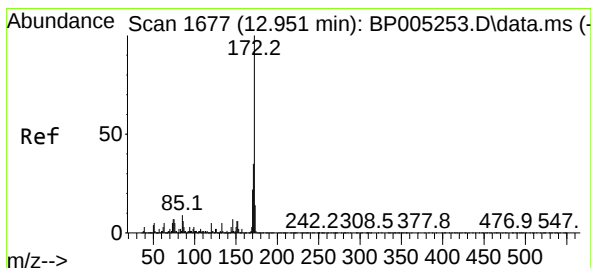
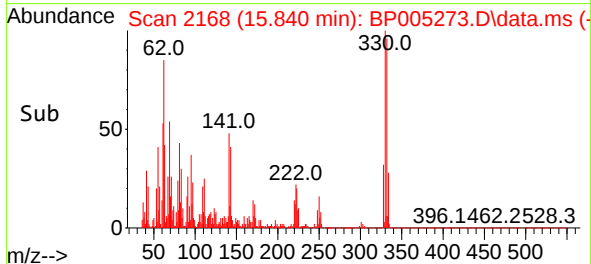
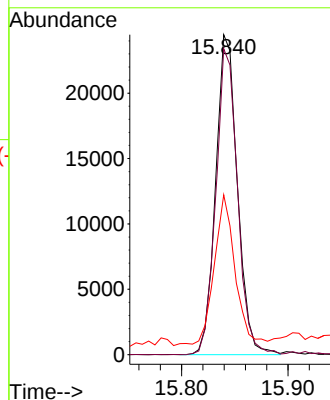
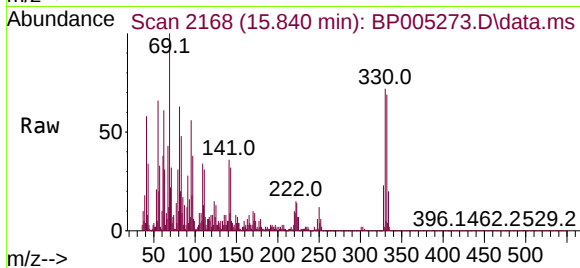
Tgt Ion:	330	Resp:	34688
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.1	115.7
141	43.5	23.4	35.2#

Instrument :

BNA_P

ClientSampleId :

T-2



#45

2-Fluorobiphenyl

Concen: 50.88 ng

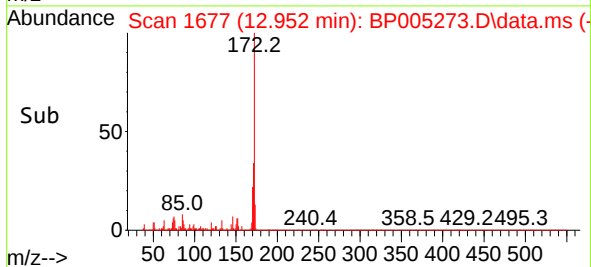
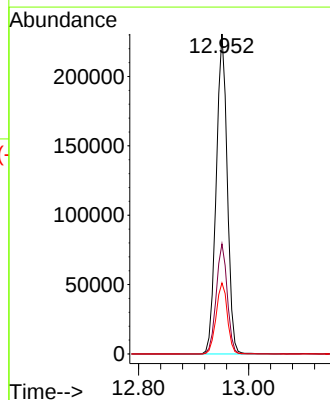
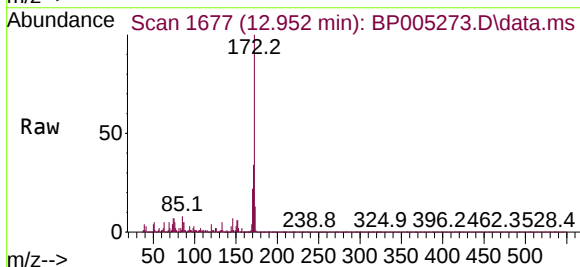
RT: 12.952 min Scan# 1677

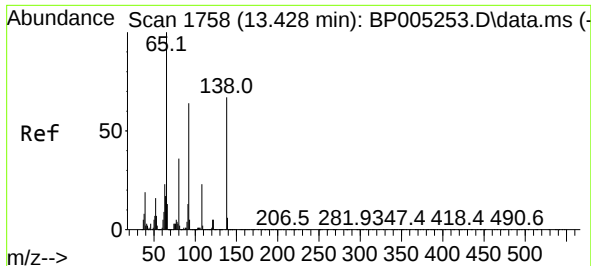
Delta R.T. 0.000 min

Lab File: BP005273.D

Acq: 12 Apr 2021 19:07

Tgt Ion:	172	Resp:	321845
Ion Ratio	Lower	Upper	
172	100		
171	34.4	28.5	42.7
170	22.2	19.2	28.8

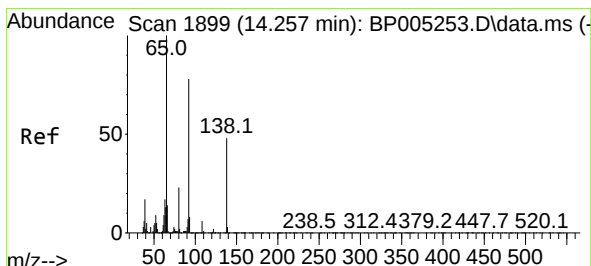
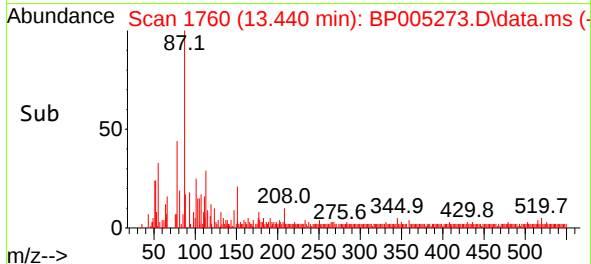
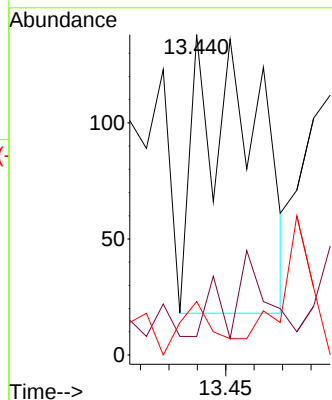
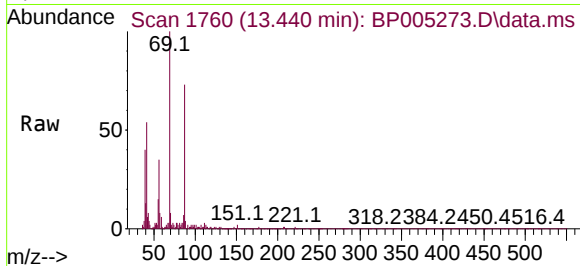




#48
2-Nitroaniline
Concen: 3.59 ng
RT: 13.440 min Scan# 1760
Delta R.T. 0.012 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

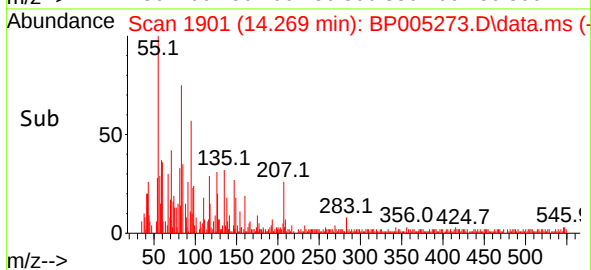
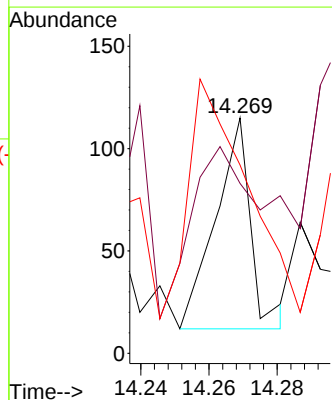
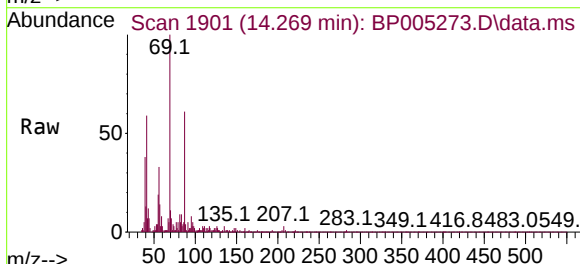
Instrument :
BNA_P
ClientSampled :
T-2

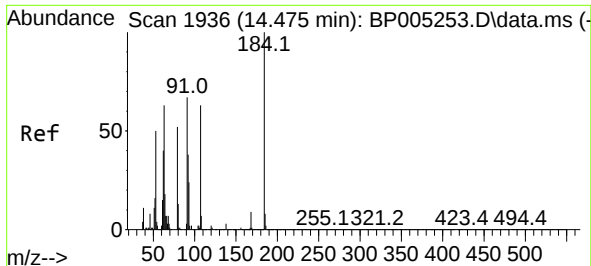
Tgt Ion: 65 Resp: 175
Ion Ratio Lower Upper
65 100
92 5.8 70.6 106.0#
138 16.7 133.6 200.4#



#53
3-Nitroaniline
Concen: 2.52 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.012 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

Tgt Ion: 138 Resp: 74
Ion Ratio Lower Upper
138 100
108 72.2 7.5 11.3#
92 80.0 75.0 112.6

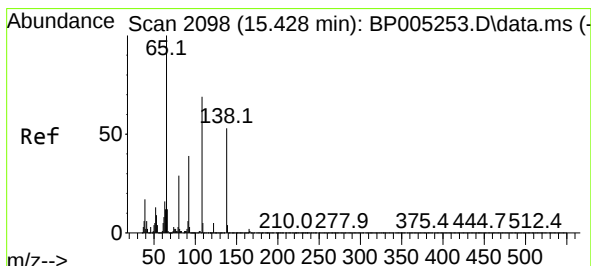
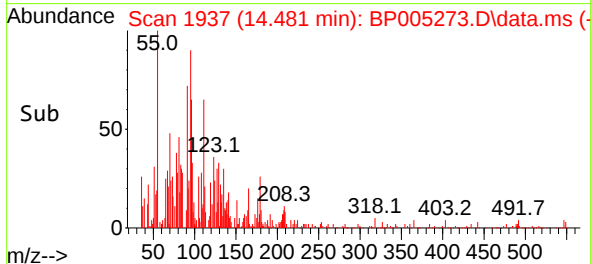
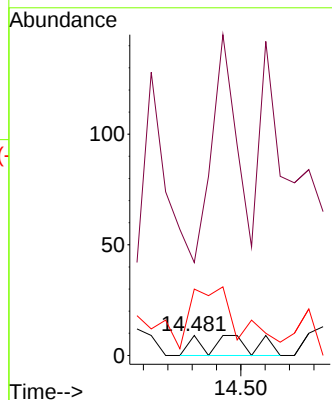
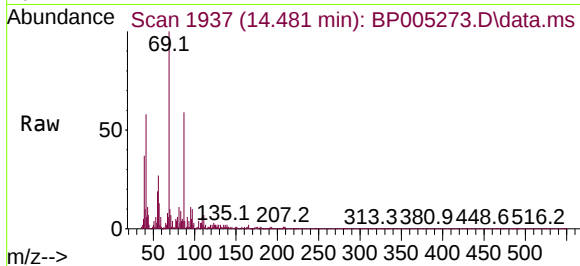




#54
2,4-Dinitrophenol
Concen: 6.16 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

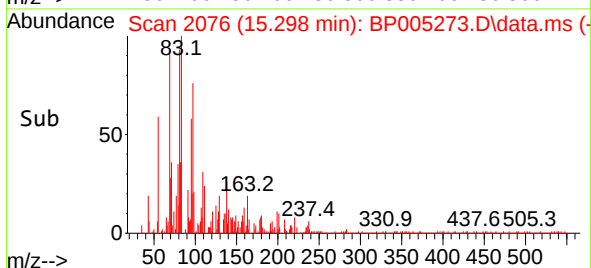
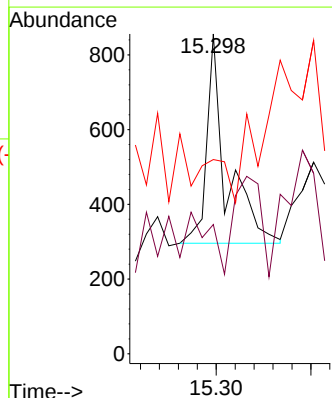
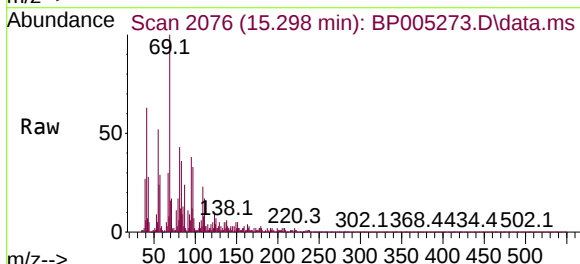
Instrument :
BNA_P
ClientSampled :
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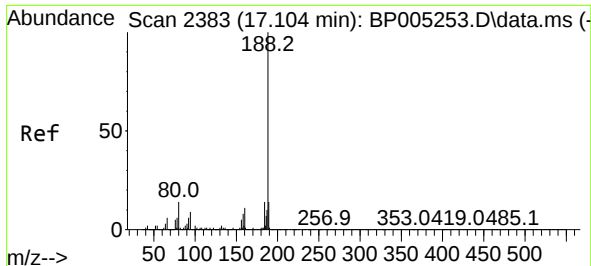
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 466.7 32.3 48.5#
154 333.3 49.1 73.7#



#62
4-Nitroaniline
Concen: 2.34 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.130 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

Tgt Ion:138 Resp: 400
Ion Ratio Lower Upper
138 100
92 40.4 20.7 60.7
108 60.7 47.8 87.8

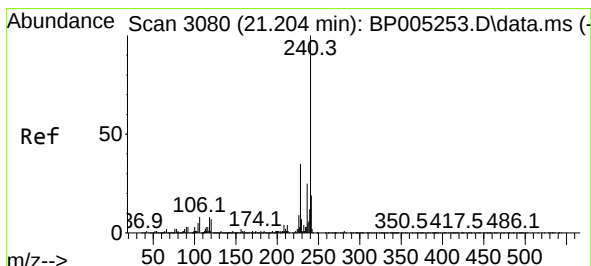
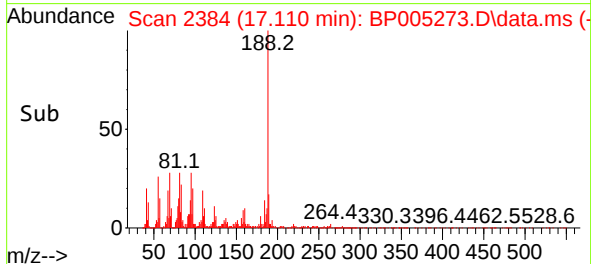
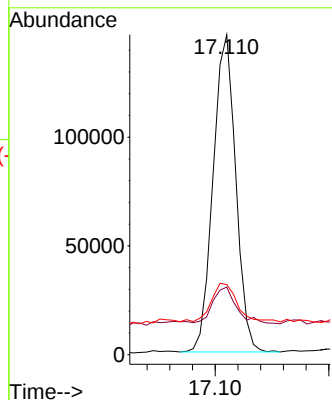
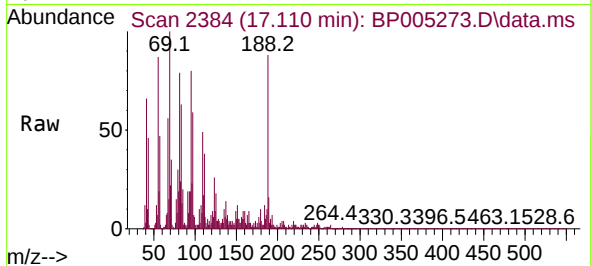




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

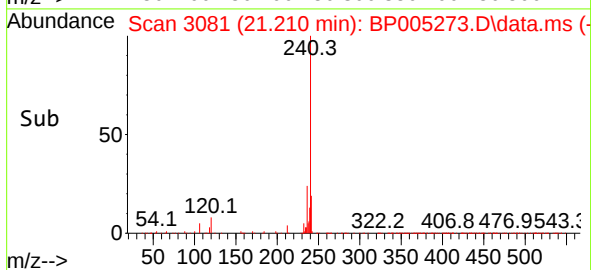
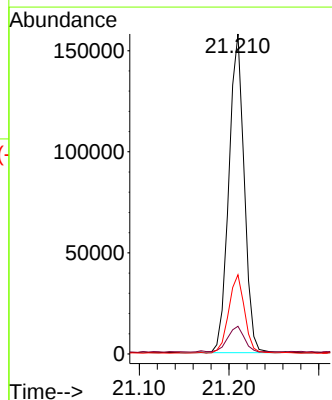
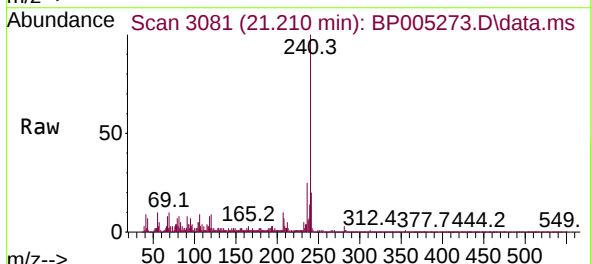
Instrument :
BNA_P
ClientSampled :
T-2

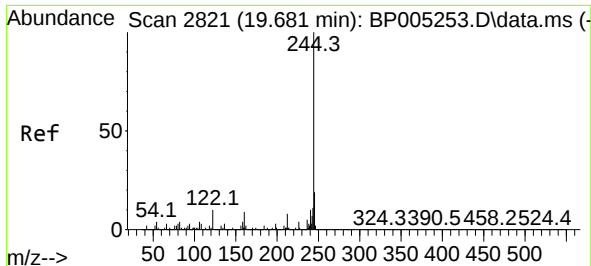
Tgt Ion:188 Resp: 202312
Ion Ratio Lower Upper
188 100
94 21.1 6.2 9.2#
80 21.9 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BP005273.D
Acq: 12 Apr 2021 19:07

Tgt Ion:240 Resp: 187168
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 24.8 20.8 31.2

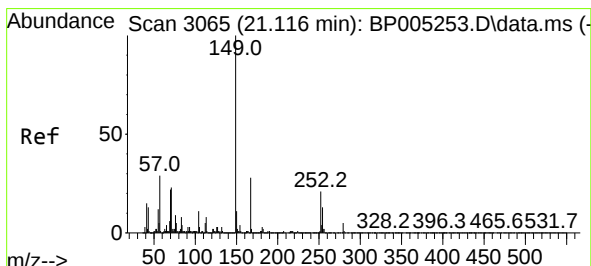
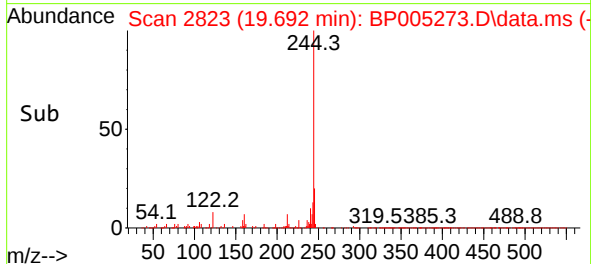
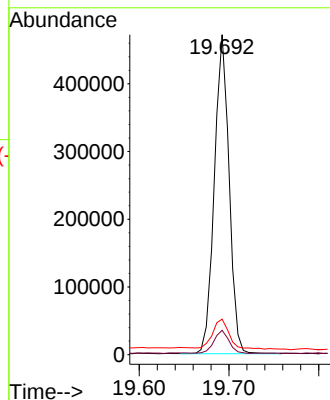
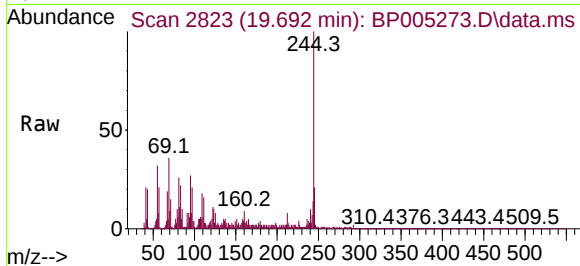




#79
 Terphenyl-d14
 Concen: 56.42 ng
 RT: 19.692 min Scan# 2823
 Delta R.T. 0.012 min
 Lab File: BP005273.D
 Acq: 12 Apr 2021 19:07

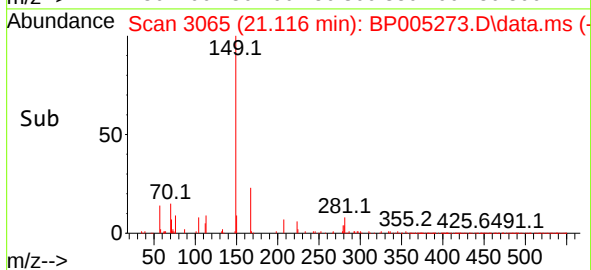
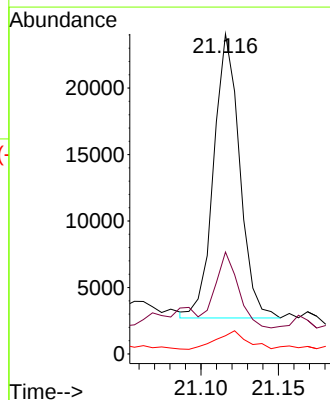
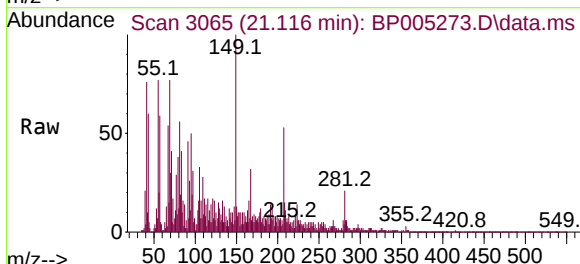
Instrument :
 BNA_P
 ClientSampleId :
 T-2

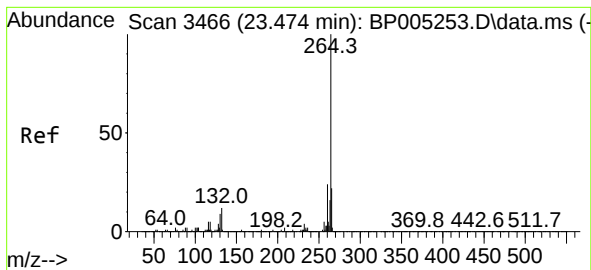
Tgt Ion:244	Resp: 537523
Ion Ratio	Lower Upper
244 100	
212 7.6	5.8 8.6
122 11.1	7.8 11.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.65 ng
 RT: 21.116 min Scan# 3065
 Delta R.T. 0.000 min
 Lab File: BP005273.D
 Acq: 12 Apr 2021 19:07

Tgt Ion:149	Resp: 24912
Ion Ratio	Lower Upper
149 100	
167 31.8	22.6 34.0
279 5.7	4.2 6.2





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.474 min Scan# 3466
 Delta R.T. 0.000 min
 Lab File: BP005273.D
 Acq: 12 Apr 2021 19:07

Instrument :
 BNA_P
 ClientSampleId :
 T-2

Tgt Ion:	264	Resp:	176489
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.8	28.2
265	21.5	17.4	26.2

