

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005513.D
 Acq On : 12 May 2021 20:15
 Operator : CG/JU
 Sample : M2365-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Quant Time: May 13 03:27:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

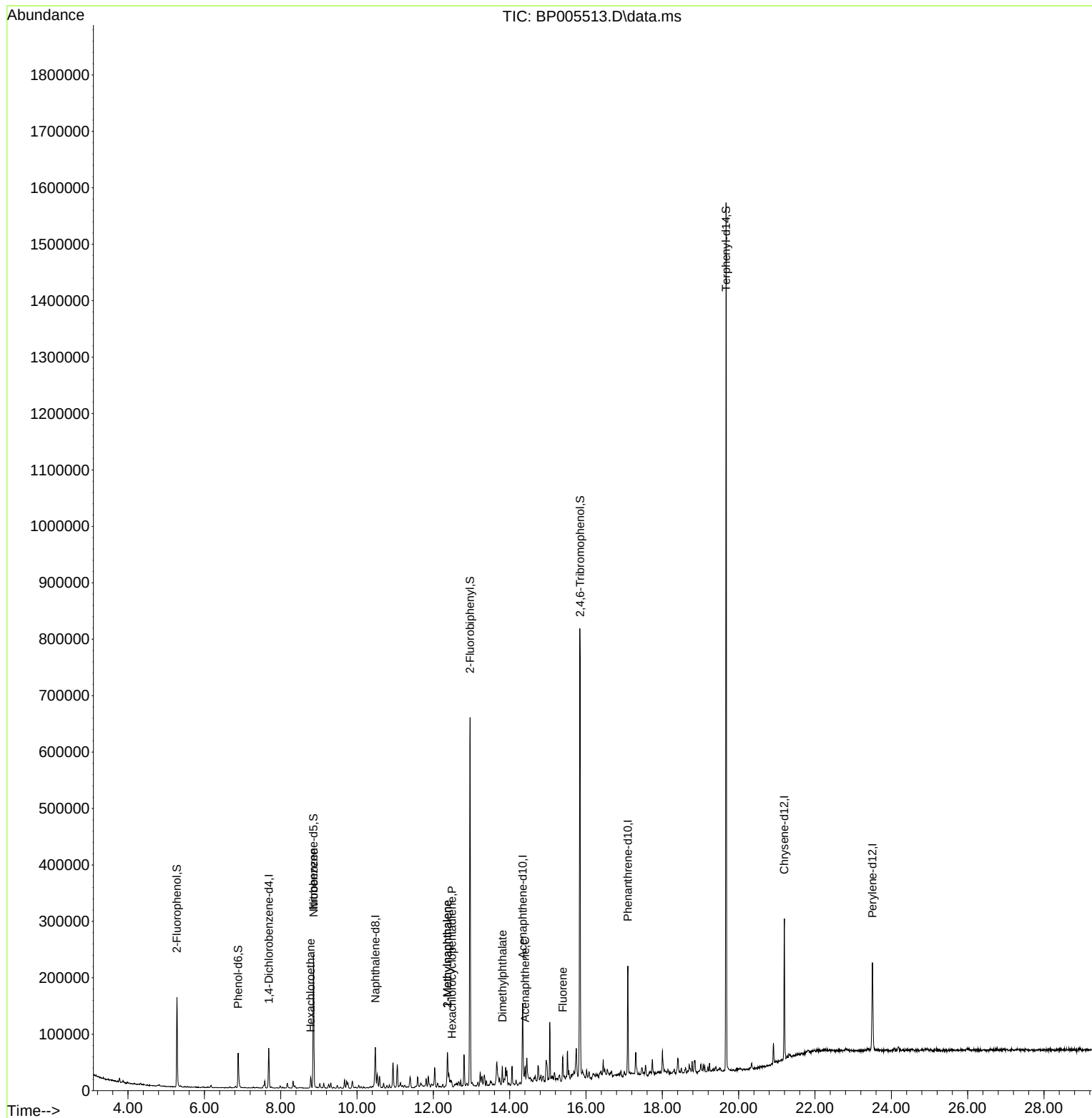
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	13677	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	37808	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	35903	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	99336	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	115776	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	116486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	50768	71.24	ng	0.00
7) Phenol-d6	6.887	99	25460	28.65	ng	0.00
23) Nitrobenzene-d5	8.857	82	103264	107.50	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	140986	138.38	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	269591	84.70	ng	0.00
79) Terphenyl-d14	19.669	244	614931	90.20	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	115	Below Cal	#	1
9) Benzaldehyde	6.822	77	60	Below Cal	#	10
18) Hexachloroethane	8.787	117	5842	13.89	ng	# 1
24) Nitrobenzene	8.863	77	2389	2.48	ng	# 36
37) 2-Methylnaphthalene	12.369	142	19360	11.87	ng	# 84
38) 1-Methylnaphthalene	12.369	142	19412	12.61	ng	# 90
41) Hexachlorocyclopentadiene	12.487	237	9	7.88	ng	85
50) Dimethylphthalate	13.810	163	16080	5.19	ng	# 95
52) Acenaphthene	14.404	154	5183	2.51	ng	87
58) Fluorene	15.392	166	14001	4.42	ng	# 98

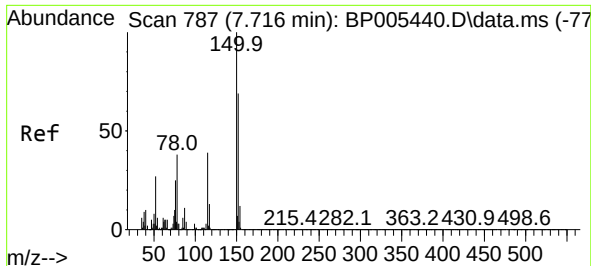
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
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Misc :
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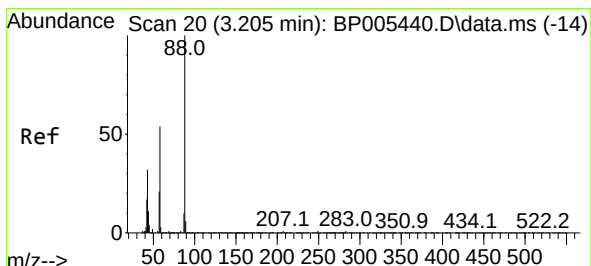
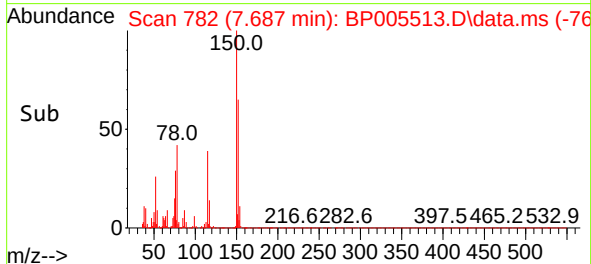
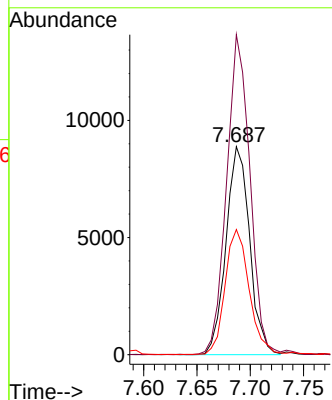
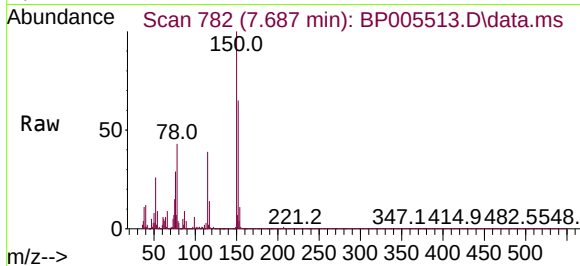




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

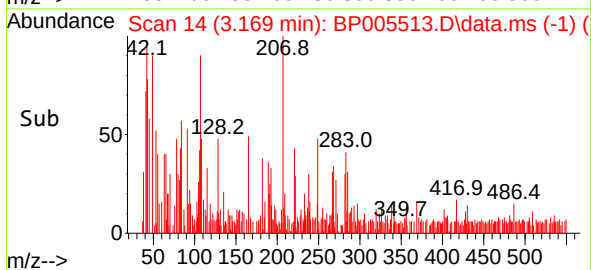
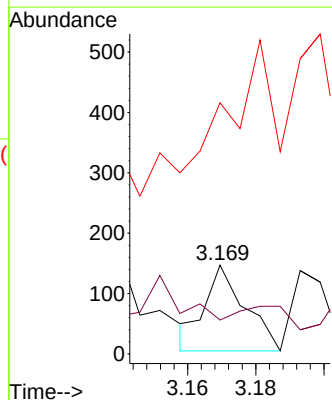
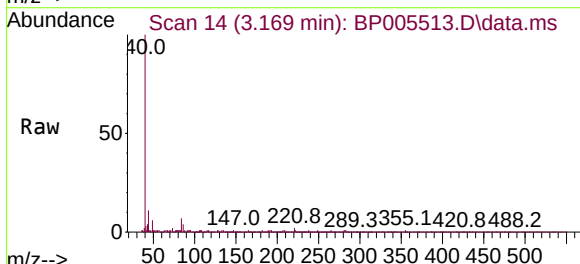
Instrument :
BNA_P
ClientSampleId :
MW-2

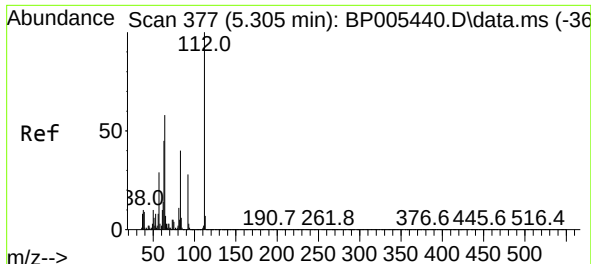
Tgt Ion:152 Resp: 13677
Ion Ratio Lower Upper
152 100
150 153.9 119.8 179.8
115 60.1 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.169 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 240.9 19.8 29.8#

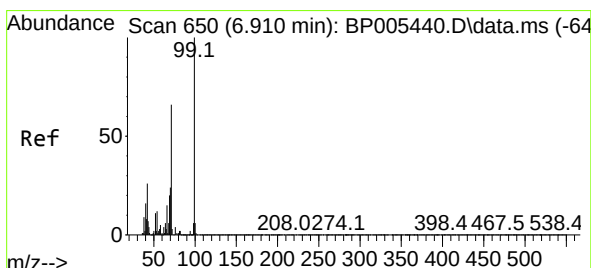
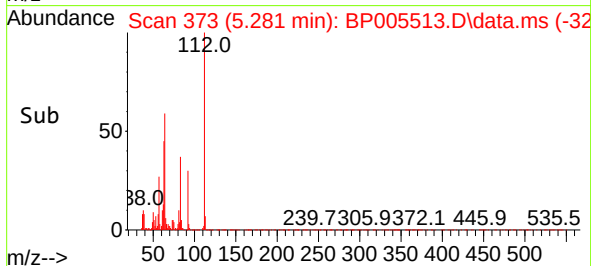
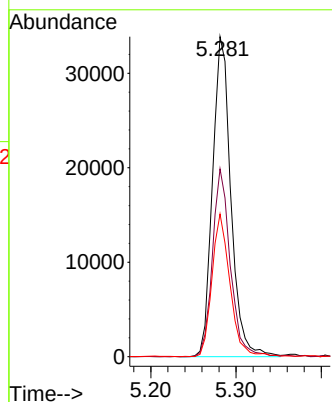
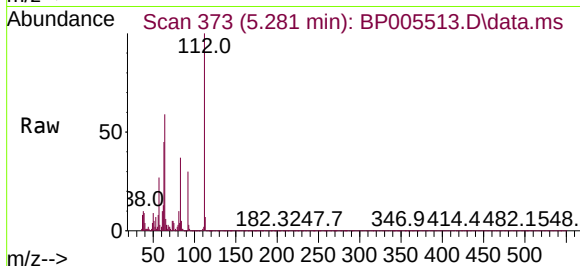




#5
2-Fluorophenol
Concen: 71.24 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

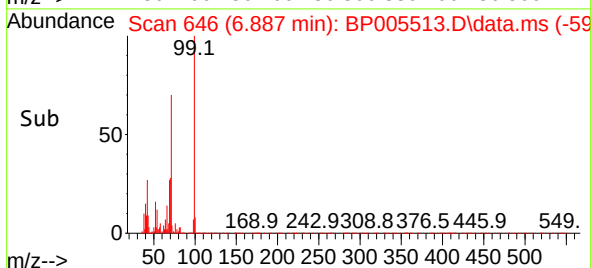
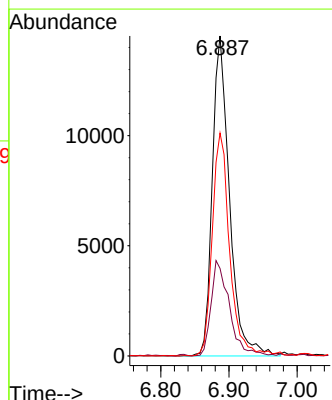
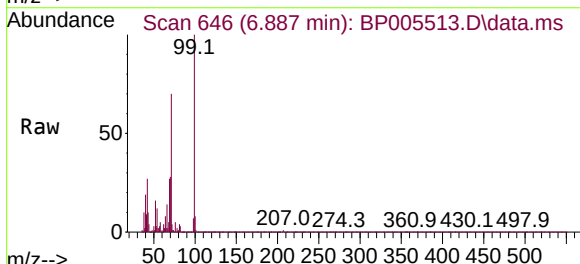
Instrument :
BNA_P
ClientSampleId :
MW-2

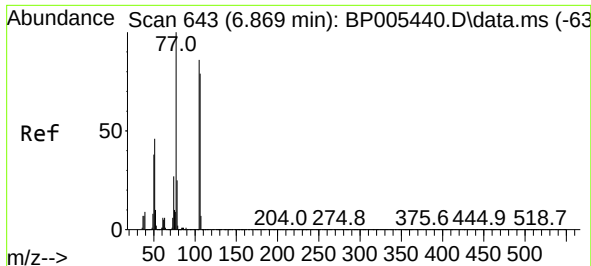
Tgt Ion:112 Resp: 50768
Ion Ratio Lower Upper
112 100
64 58.7 33.6 50.4#
63 44.6 18.6 27.8#



#7
Phenol-d6
Concen: 28.65 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion: 99 Resp: 25460
Ion Ratio Lower Upper
99 100
42 27.4 12.9 19.3#
71 69.7 26.7 40.1#

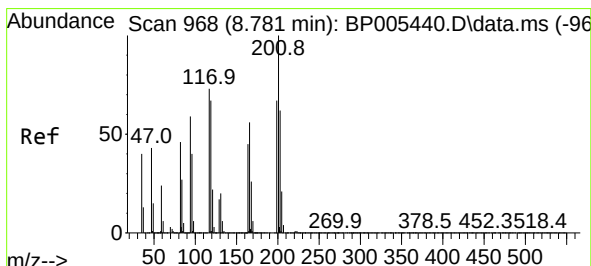
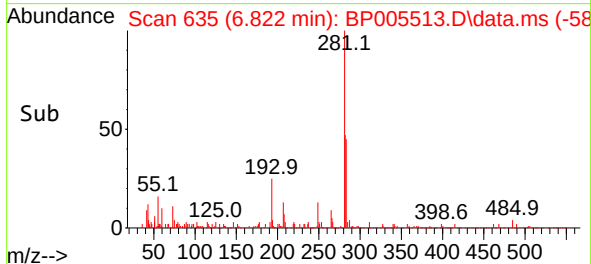
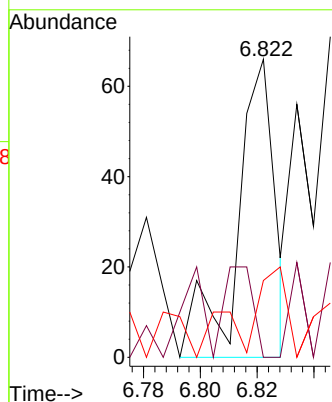
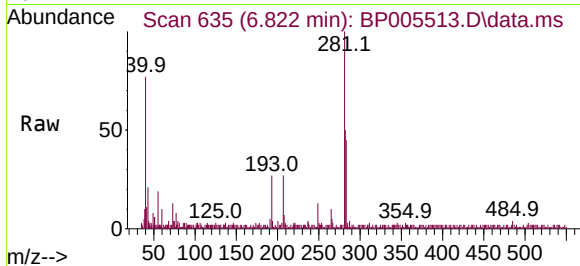




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 635
Delta R.T. -0.024 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

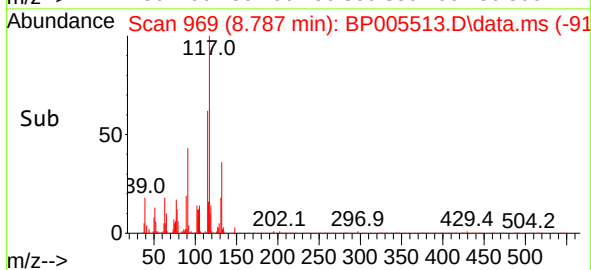
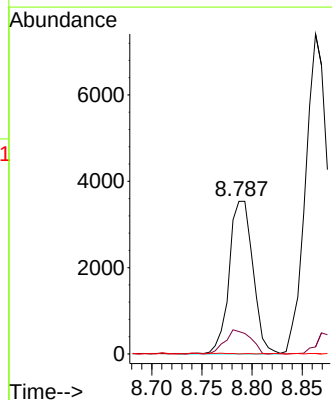
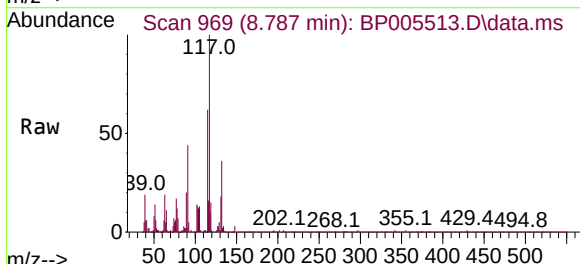
Instrument :
BNA_P
ClientSampleId :
MW-2

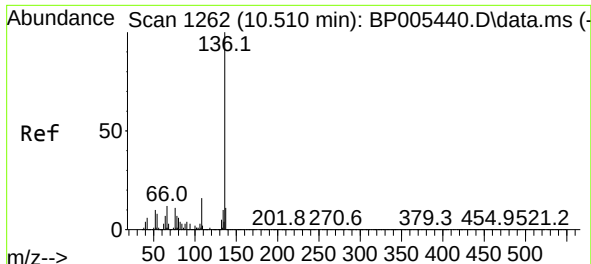
Tgt Ion: 77 Resp: 60
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 25.8 79.9 119.9#



#18
Hexachloroethane
Concen: 13.89 ng
RT: 8.787 min Scan# 969
Delta R.T. 0.023 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion: 117 Resp: 5842
Ion Ratio Lower Upper
117 100
119 14.7 80.1 120.1#
201 0.0 98.8 148.2#

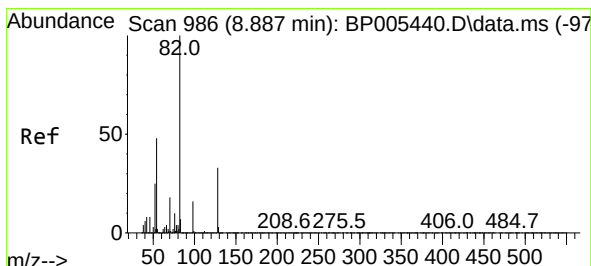
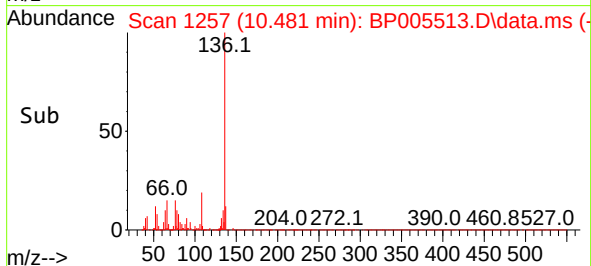
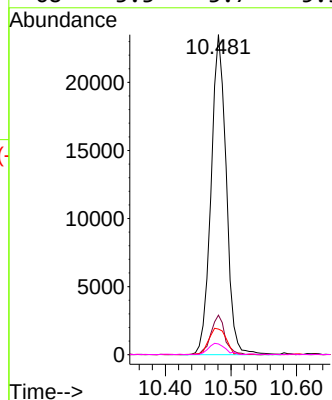
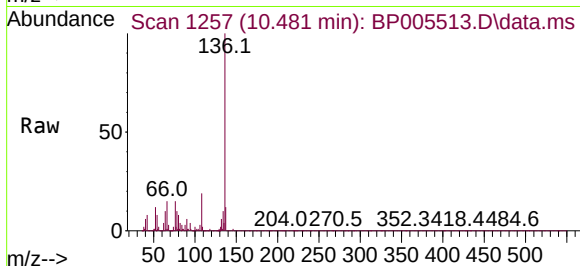




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

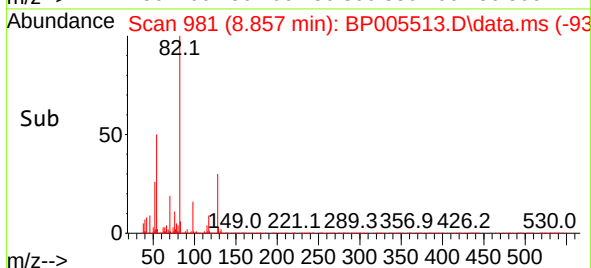
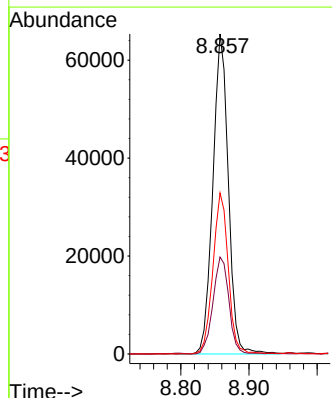
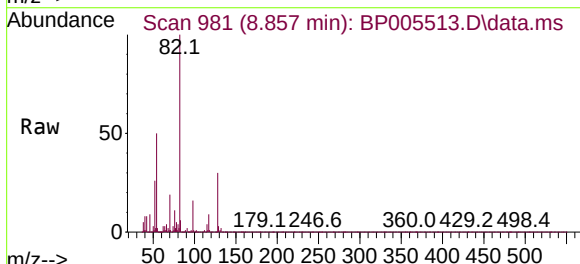
Instrument :
BNA_P
ClientSampleId :
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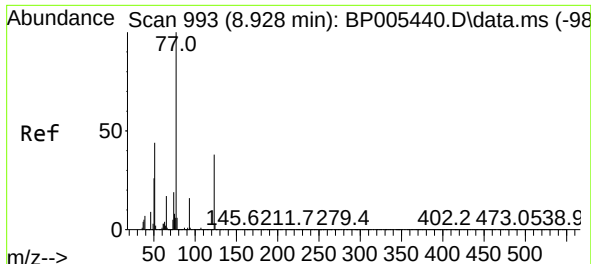
Tgt Ion:	136	Resp:	37808
Ion Ratio	Lower	Upper	
136	100		
137	12.4	8.9	13.3
54	8.0	5.0	7.4#
68	3.3	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 107.50 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion:	82	Resp:	103264
Ion Ratio	Lower	Upper	
82	100		
128	30.3	30.5	45.7#
54	50.3	33.9	50.9

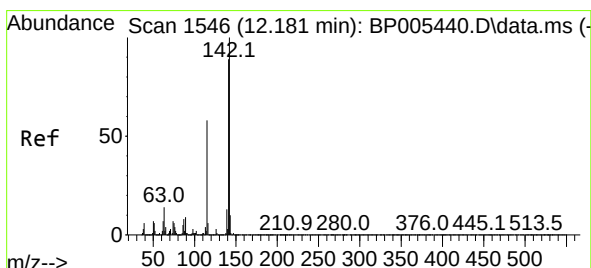
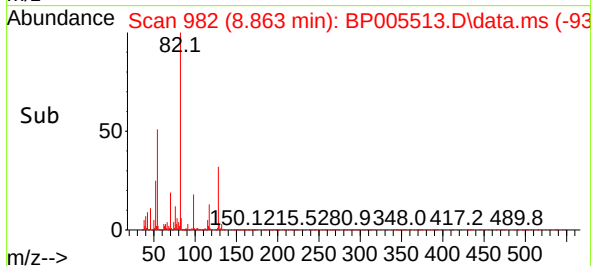
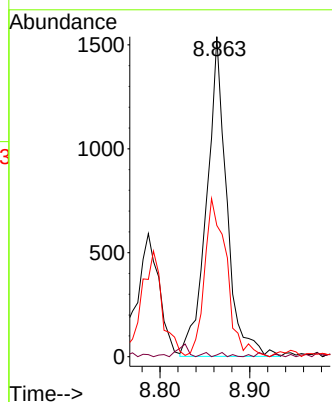
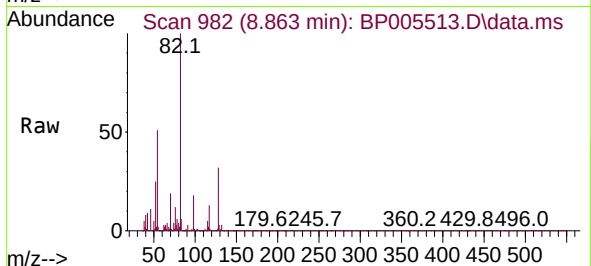




#24
Nitrobenzene
Concen: 2.48 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.041 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

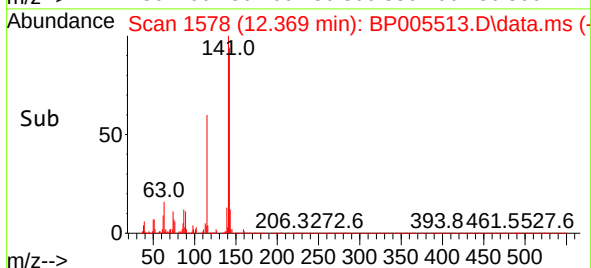
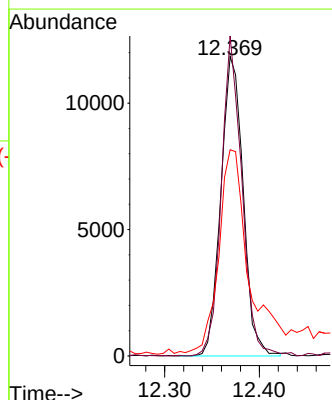
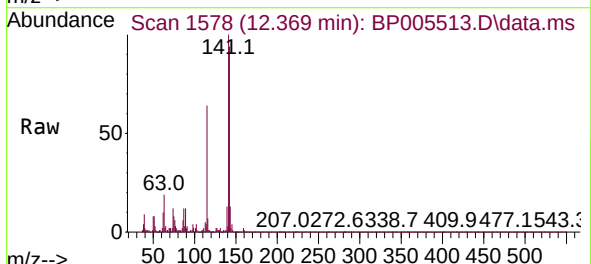
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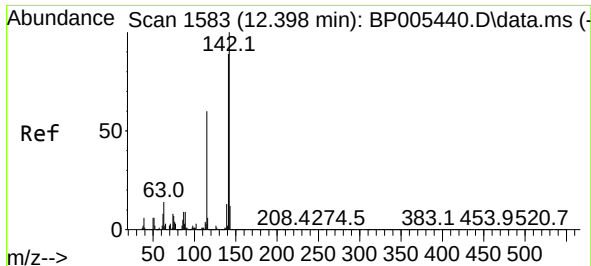
Tgt Ion: 77 Resp: 2389
Ion Ratio Lower Upper
77 100
123 0.6 31.7 47.5#
65 41.0 11.5 17.3#



#37
2-Methylnaphthalene
Concen: 11.87 ng
RT: 12.369 min Scan# 1578
Delta R.T. 0.212 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion: 142 Resp: 19360
Ion Ratio Lower Upper
142 100
141 106.8 74.7 112.1
115 68.8 43.8 65.8#

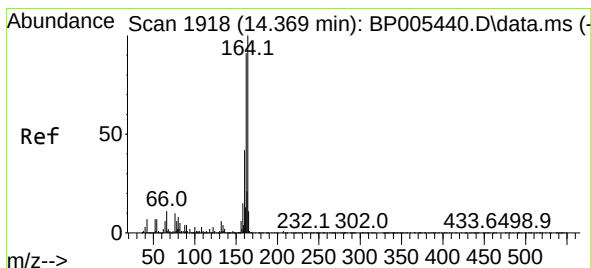
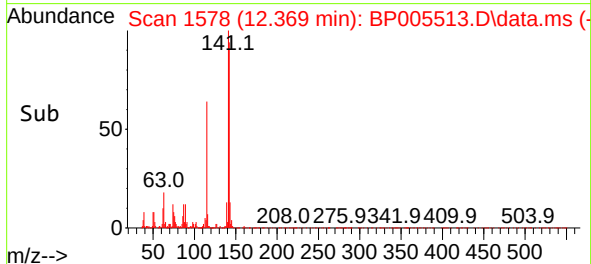
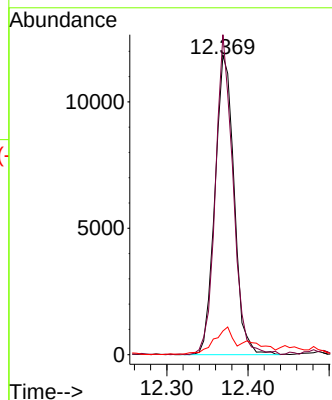
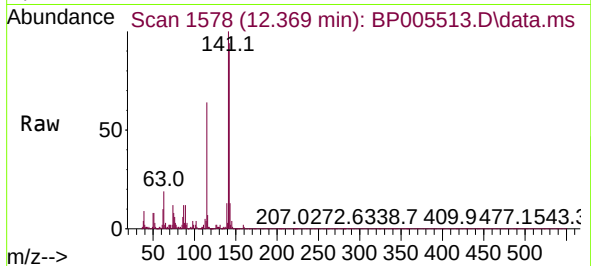




#38
1-Methylnaphthalene
Concen: 12.61 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

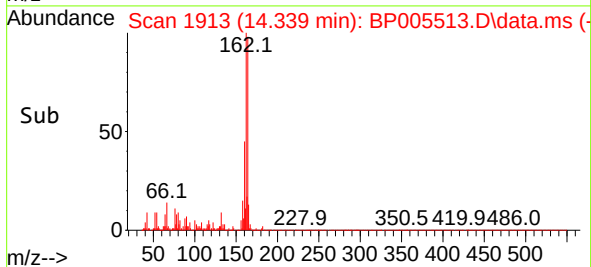
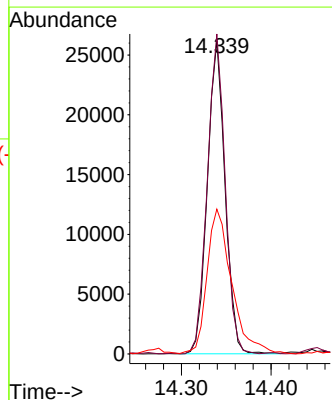
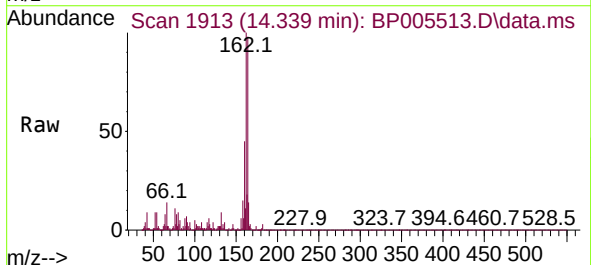
Instrument :
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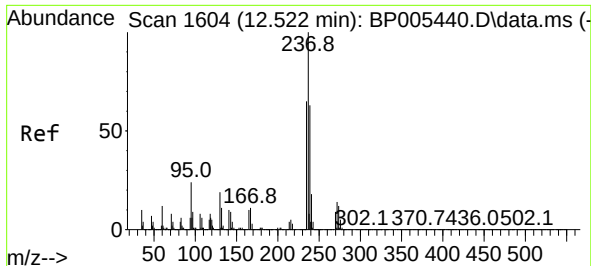
Tgt Ion:142 Resp: 19412
Ion Ratio Lower Upper
142 100
141 106.8 77.0 115.6
116 7.9 5.0 7.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion:164 Resp: 35903
Ion Ratio Lower Upper
164 100
162 102.1 73.5 110.3
160 46.2 40.6 61.0

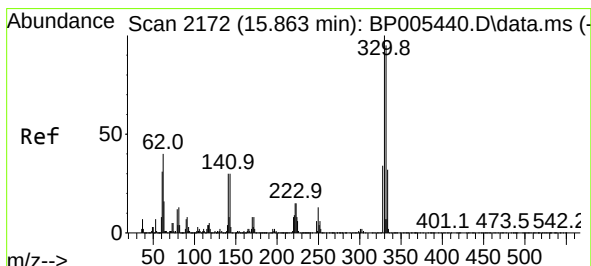
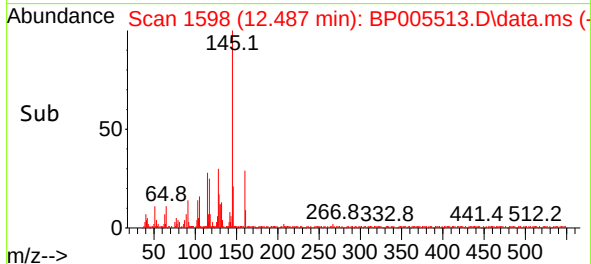
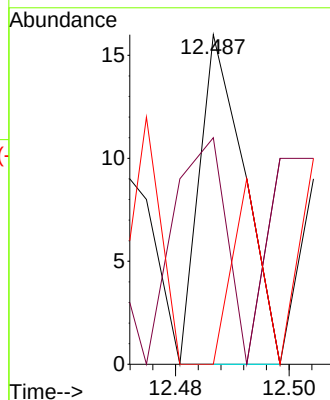
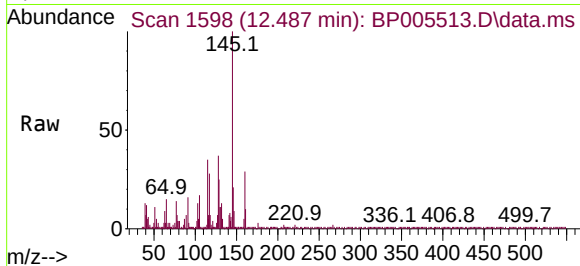




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.487 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

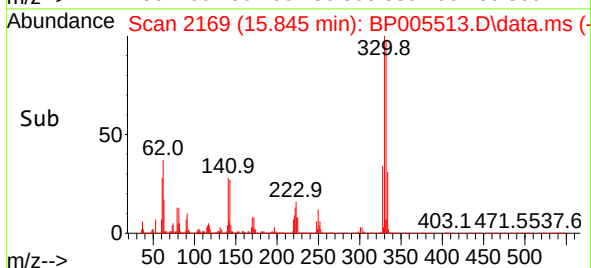
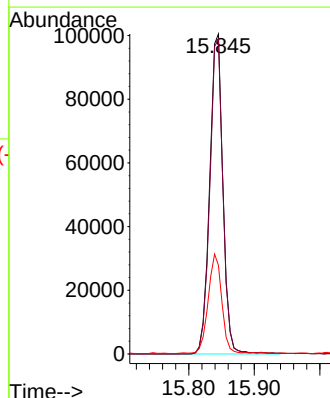
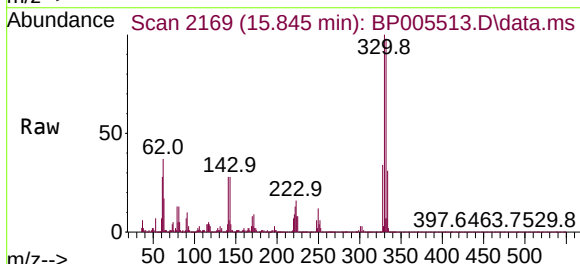
Instrument :
BNA_P
ClientSampleId :
MW-2

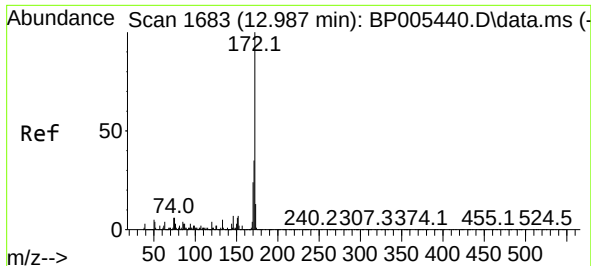
Tgt Ion:237	Resp:	9
Ion Ratio	Lower	Upper
237	100	
235	68.8	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 138.38 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion:330	Resp:	140986
Ion Ratio	Lower	Upper
330	100	
332	97.6	76.3 114.5
141	31.9	22.8 34.2

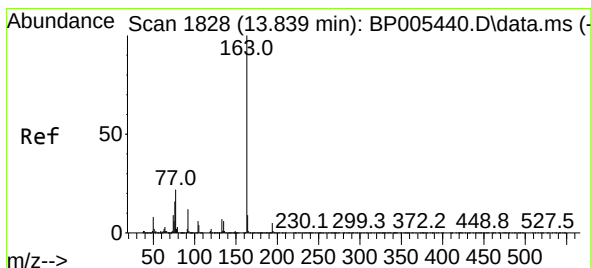
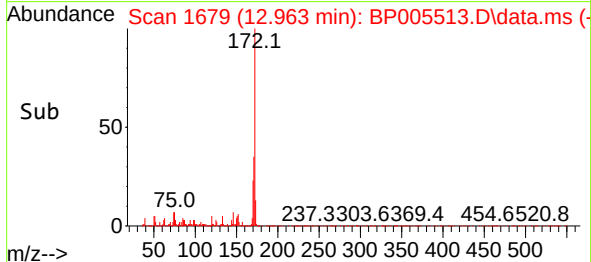
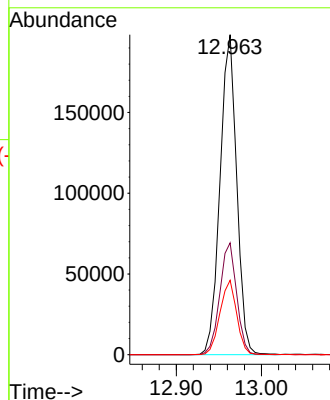
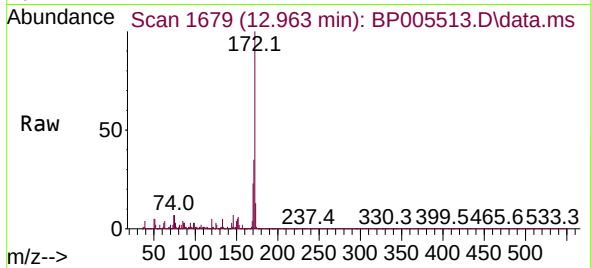




#45
2-Fluorobiphenyl
Concen: 84.70 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

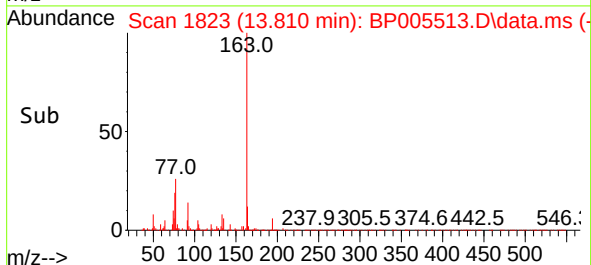
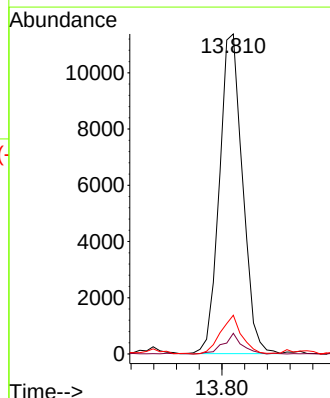
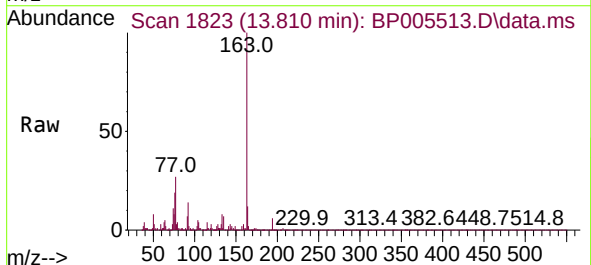
Instrument :
BNA_P
ClientSampleId :
MW-2

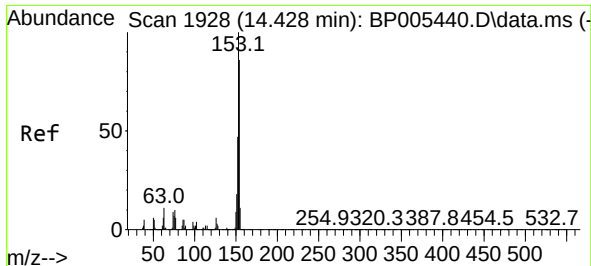
Tgt Ion:172	Resp: 269591
Ion Ratio	Lower Upper
172	100
171	34.9 28.1 42.1
170	23.2 19.6 29.4



#50
Dimethylphthalate
Concen: 5.19 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion:163	Resp: 16080
Ion Ratio	Lower Upper
163	100
194	6.5 3.9 5.9#
164	12.1 8.1 12.1#

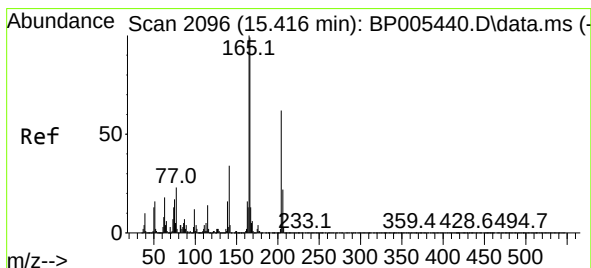
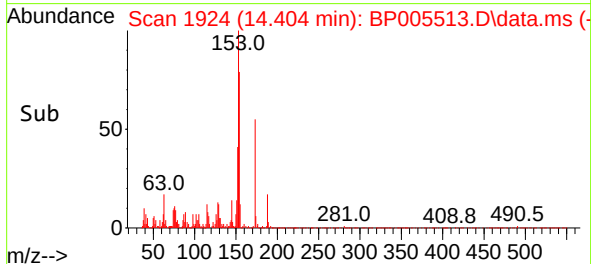
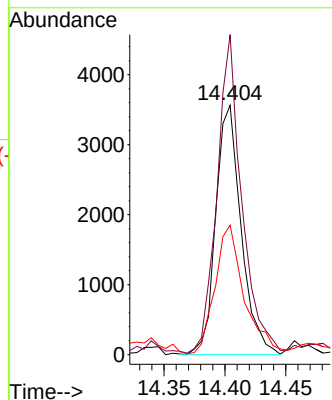
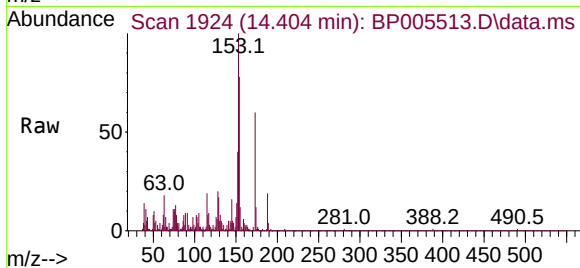




#52
Acenaphthene
Concen: 2.51 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

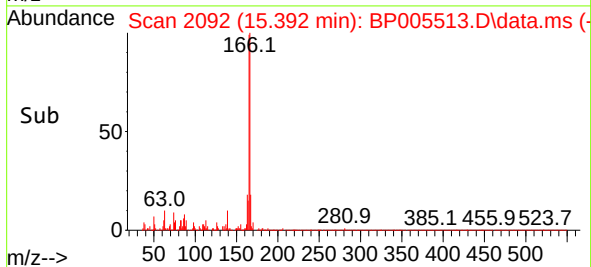
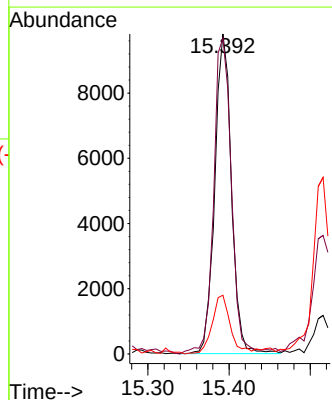
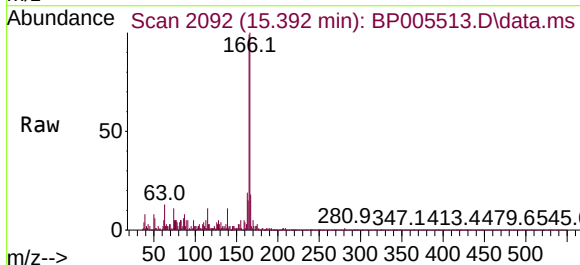
Instrument :
BNA_P
ClientSampleId :
MW-2

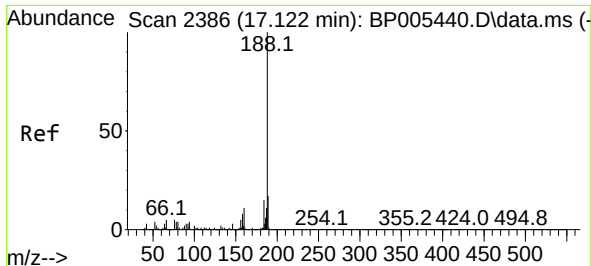
Tgt Ion:154 Resp: 5183
Ion Ratio Lower Upper
154 100
153 128.2 90.9 136.3
152 51.9 48.5 72.7



#58
Fluorene
Concen: 4.42 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion:166 Resp: 14001
Ion Ratio Lower Upper
166 100
165 98.7 78.8 118.2
167 18.3 10.9 16.3#

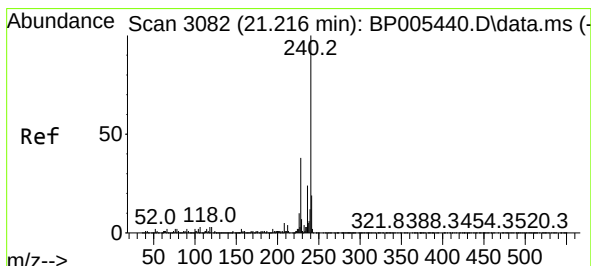
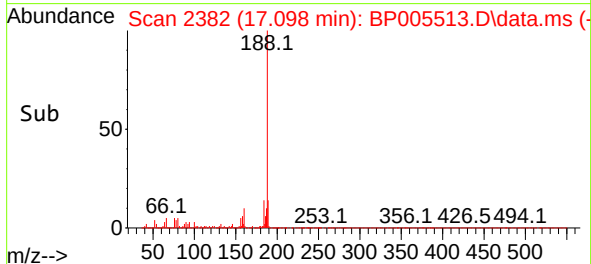
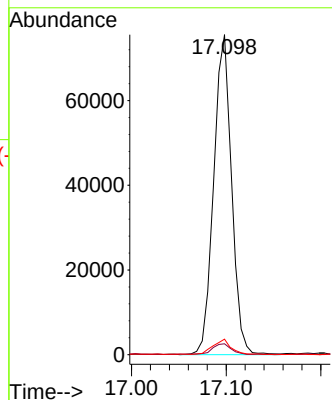
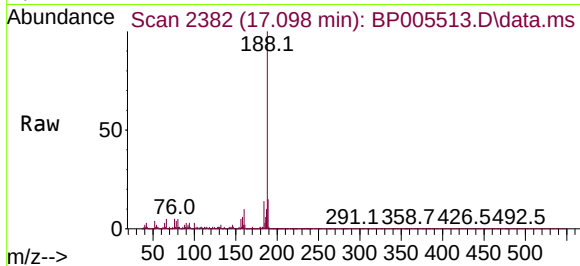




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

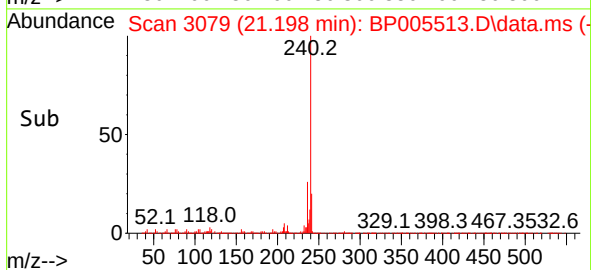
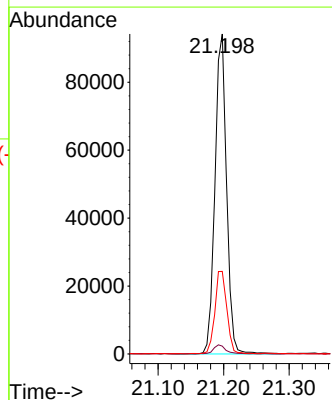
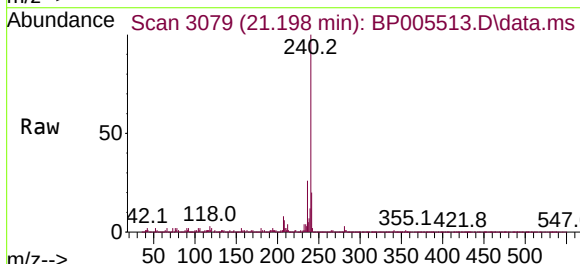
Instrument :
BNA_P
ClientSampleId :
MW-2

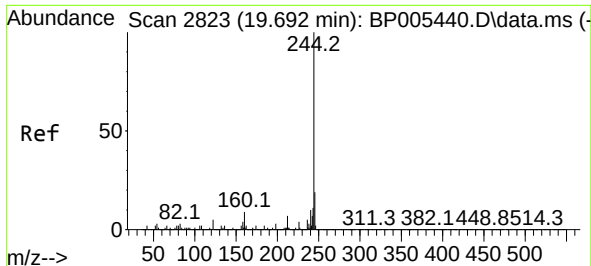
Tgt Ion:188	Resp:	99336
Ion Ratio	Lower	Upper
188	100	
94	3.4	5.0 7.6#
80	4.8	5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion:240	Resp:	115776
Ion Ratio	Lower	Upper
240	100	
120	2.4	4.2 6.2#
236	25.8	20.2 30.2

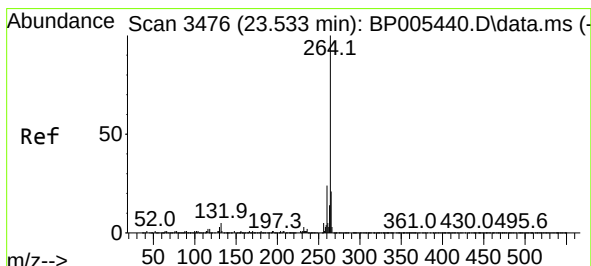
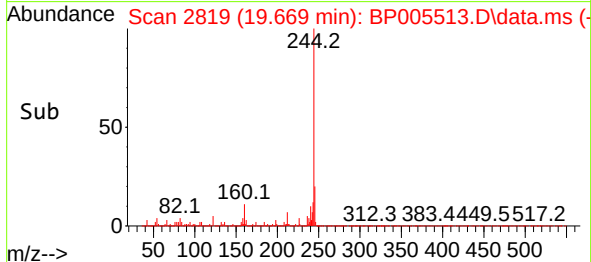
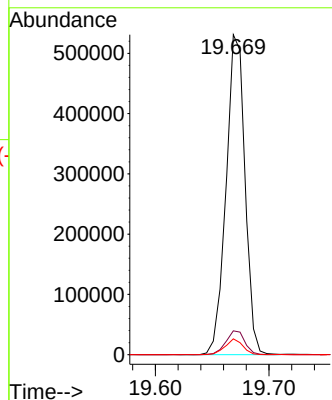
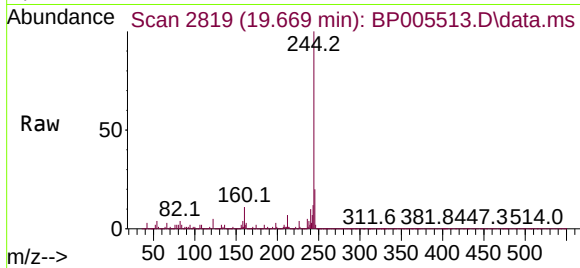




#79
Terphenyl-d14
Concen: 90.20 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Instrument :
BNA_P
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 614931
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 5.0 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005513.D
Acq: 12 May 2021 20:15

Tgt Ion:264 Resp: 116486
Ion Ratio Lower Upper
264 100
260 23.1 20.6 30.8
265 22.4 19.0 28.6

