

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005472.D
 Acq On : 10 May 2021 17:10
 Operator : CG/JU
 Sample : M2307-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-05

Quant Time: May 10 17:44:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 12:37:06 2021
 Response via : Initial Calibration

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

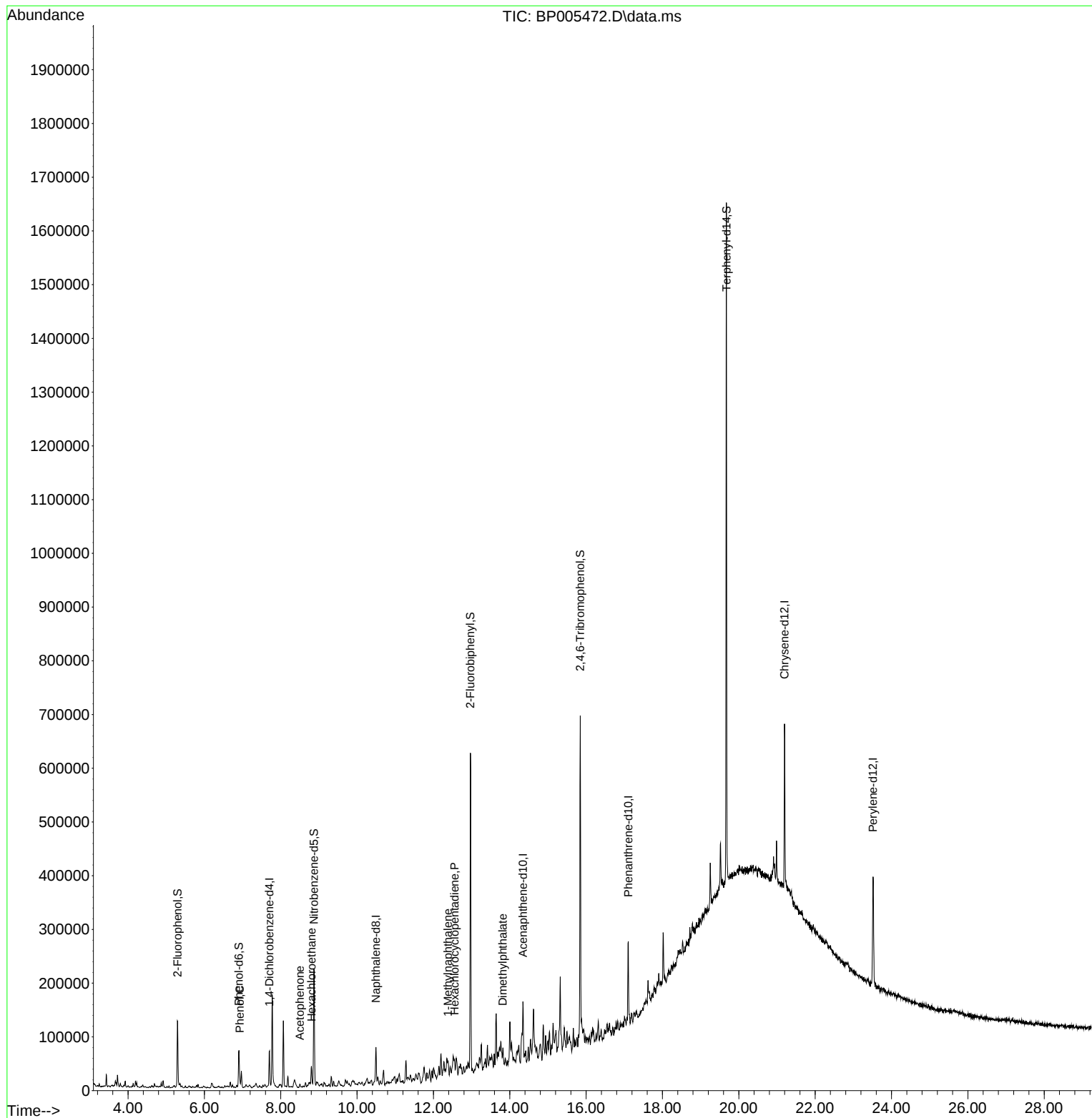
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	13889	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	40225	20.00	ng	#-0.01
39) Acenaphthene-d10	14.346	164	33253	20.00	ng	-0.01
64) Phenanthrene-d10	17.104	188	83142	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	137192	20.00	ng	# 0.00
86) Perylene-d12	23.516	264	161410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	40689	56.22	ng	0.00
7) Phenol-d6	6.905	99	26123	28.95	ng	0.00
23) Nitrobenzene-d5	8.869	82	90688	88.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.845	330	128103	135.76	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	257722	87.43	ng	-0.01
79) Terphenyl-d14	19.675	244	483494	59.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	310	Below Cal	#	1
9) Benzaldehyde	6.852	77	435	Below Cal	#	12
10) Phenol	6.928	94	3722	4.12	ng	# 46
18) Hexachloroethane	8.805	117	4690	10.98	ng	# 1
22) Acetophenone	8.499	105	2576	2.27	ng	# 65
38) 1-Methylnaphthalene	12.381	142	5768	3.52	ng	# 89
41) Hexachlorocyclopentadiene	12.552	237	26	7.91	ng	82
50) Dimethylphthalate	13.816	163	11909	4.15	ng	# 87

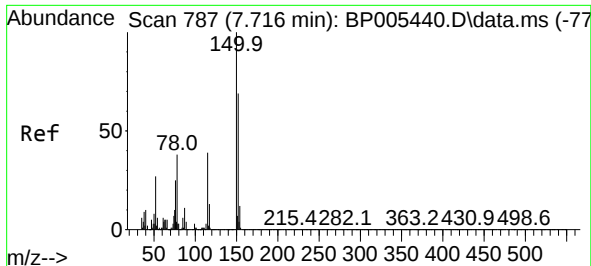
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
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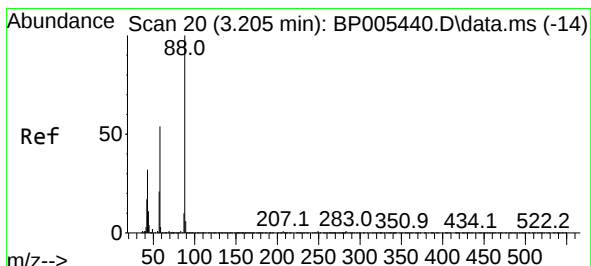
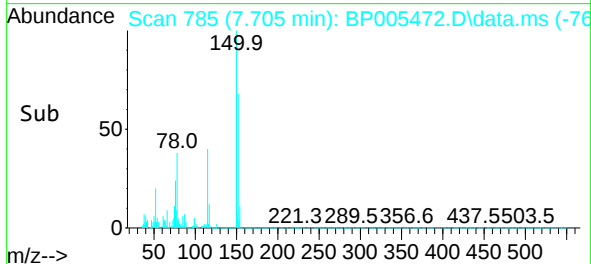
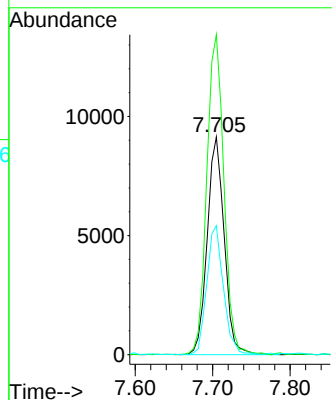
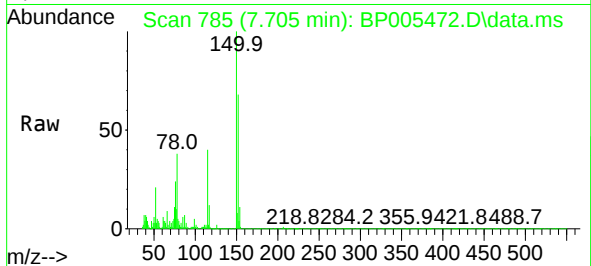




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.006 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

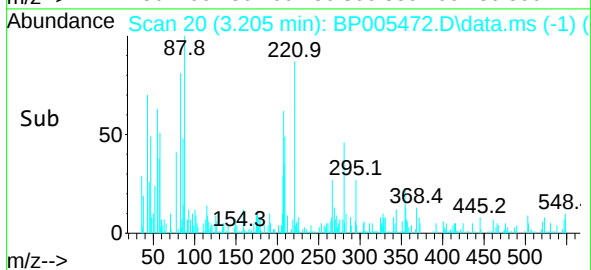
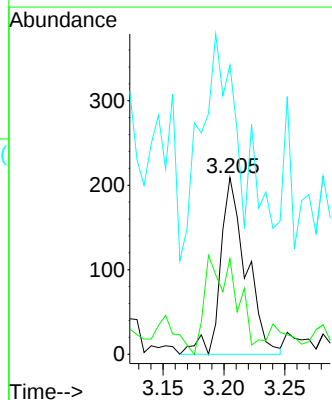
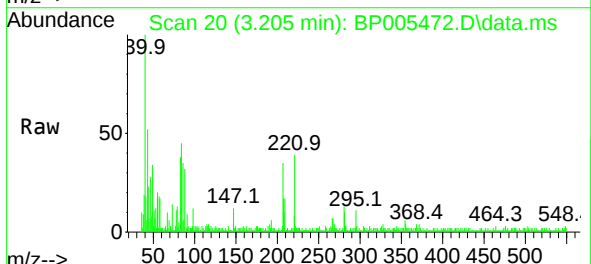
Instrument :
BNA_P
ClientSampleId :
MW-05

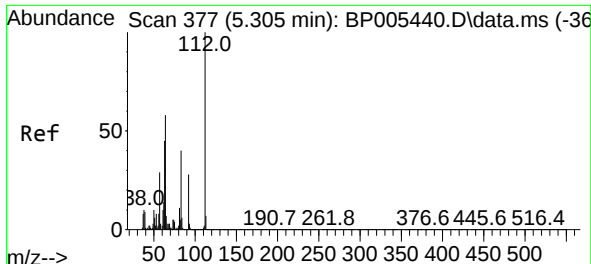
Tgt Ion:152 Resp: 13889
Ion Ratio Lower Upper
152 100
150 147.0 119.8 179.8
115 59.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.205 min Scan# 20
Delta R.T. 0.012 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion: 88 Resp: 310
Ion Ratio Lower Upper
88 100
58 69.4 42.5 63.7#
43 160.6 19.8 29.8#

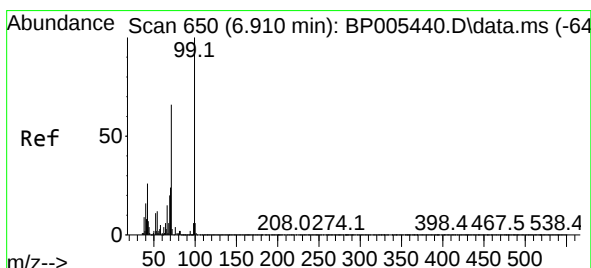
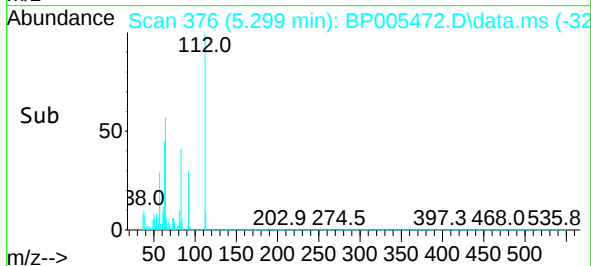
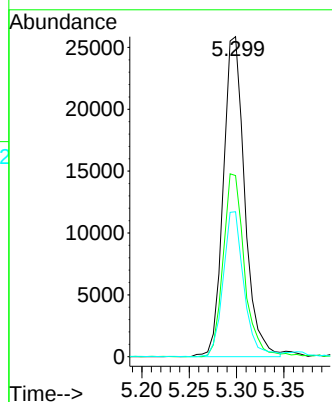
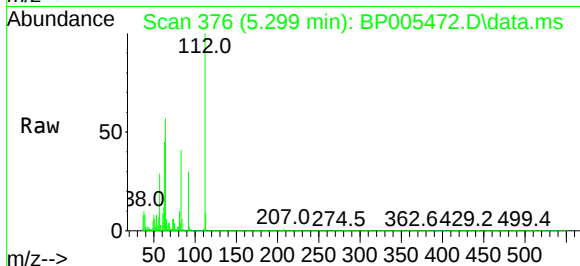




#5
2-Fluorophenol
Concen: 56.22 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

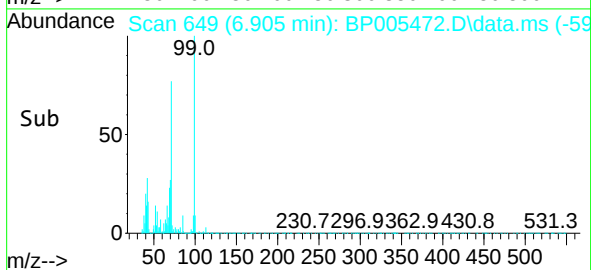
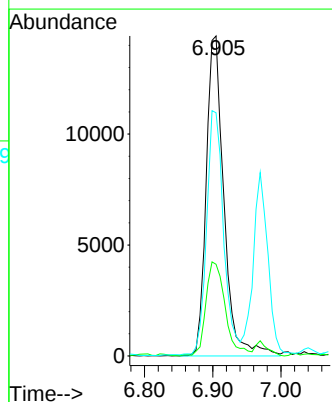
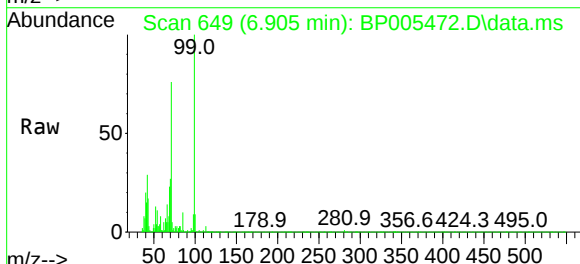
Instrument :
BNA_P
ClientSampleId :
MW-05

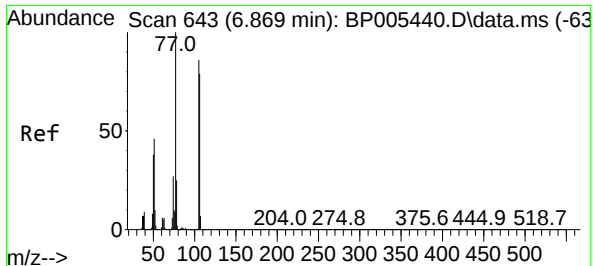
Tgt Ion:112 Resp: 40689
Ion Ratio Lower Upper
112 100
64 56.6 33.6 50.4#
63 45.3 18.6 27.8#



#7
Phenol-d6
Concen: 28.95 ng
RT: 6.905 min Scan# 649
Delta R.T. 0.006 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion: 99 Resp: 26123
Ion Ratio Lower Upper
99 100
42 28.6 12.9 19.3#
71 76.0 26.7 40.1#

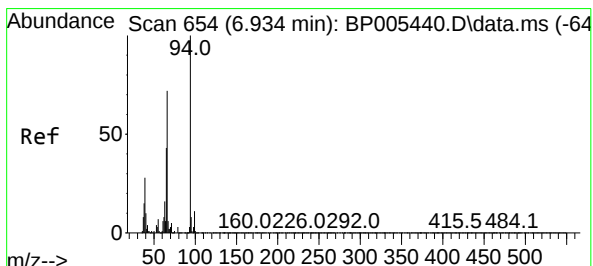
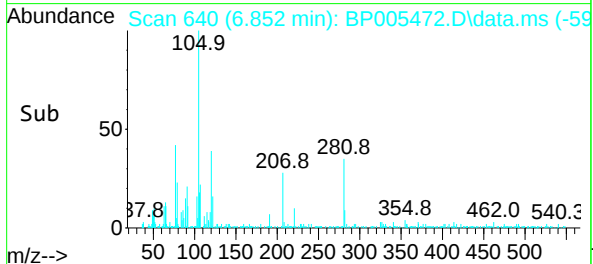
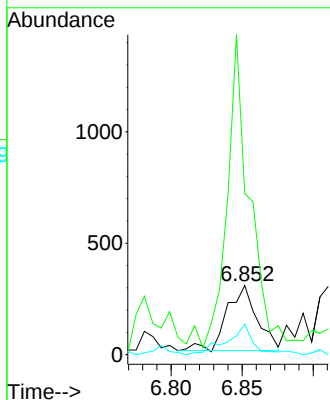
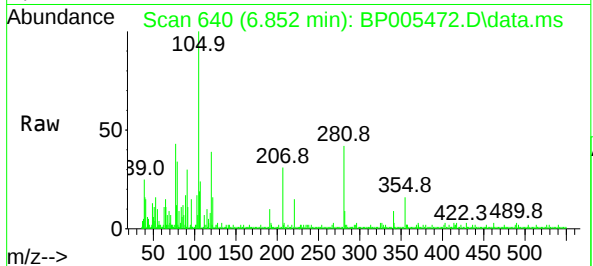




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

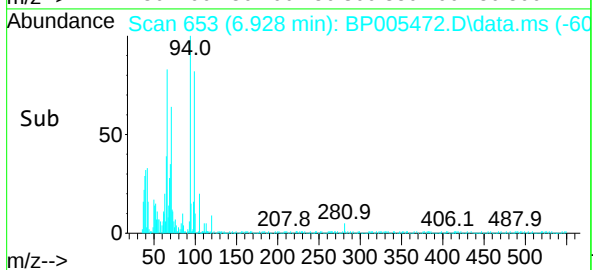
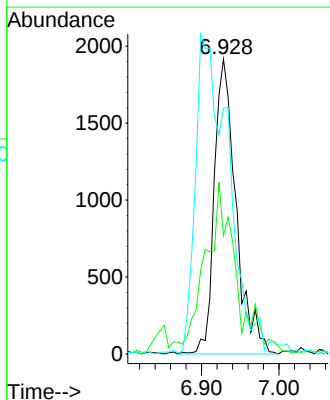
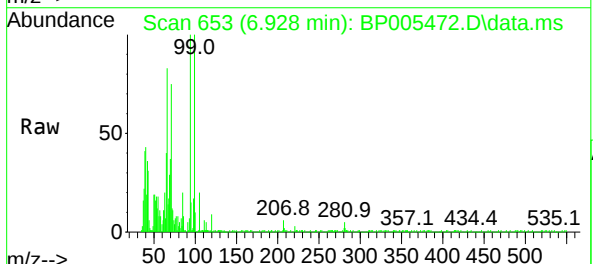
Instrument :
BNA_P
ClientSampleId :
MW-05

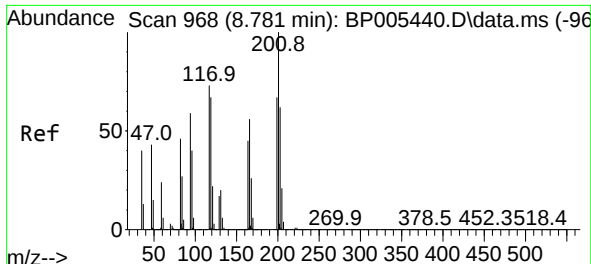
Tgt Ion: 77 Resp: 435
Ion Ratio Lower Upper
77 100
105 233.2 89.4 129.4#
106 44.2 79.9 119.9#



#10
Phenol
Concen: 4.12 ng
RT: 6.928 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion: 94 Resp: 3722
Ion Ratio Lower Upper
94 100
65 40.2 8.0 48.0
66 83.3 17.3 57.3#

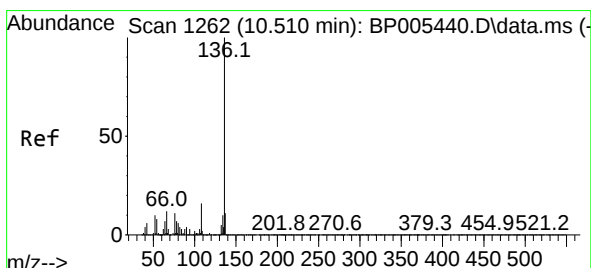
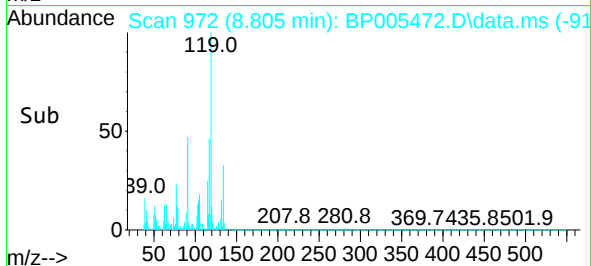
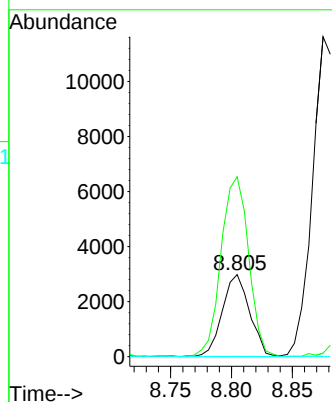
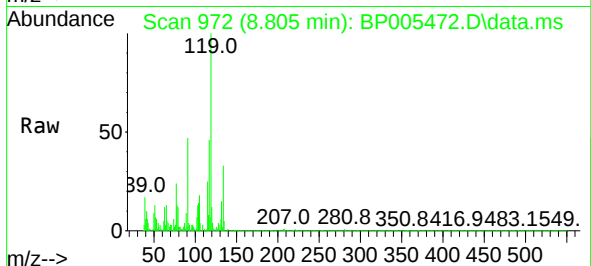




#18
Hexachloroethane
Concen: 10.98 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.029 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

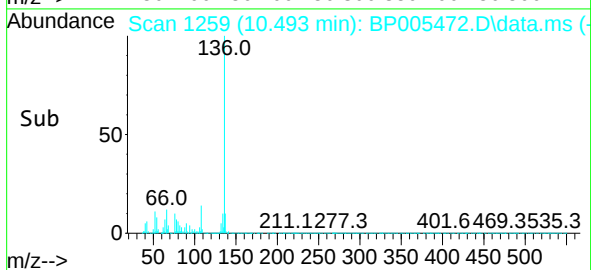
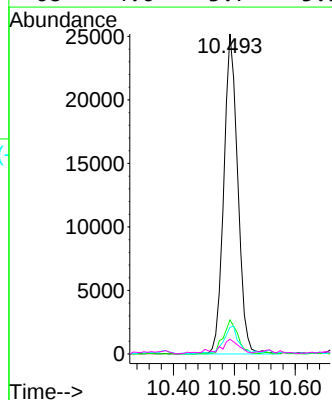
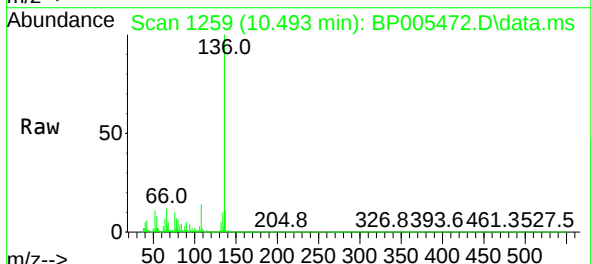
Instrument :
BNA_P
ClientSampleId :
MW-05

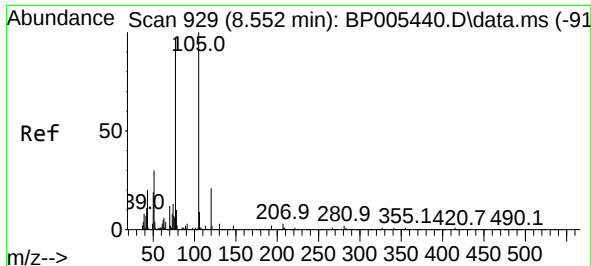
Tgt Ion:117 Resp: 4690
Ion Ratio Lower Upper
117 100
119 219.0 80.1 120.1#
201 0.3 98.8 148.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion:136 Resp: 40225
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.3 5.0 7.4#
68 4.6 3.7 5.5

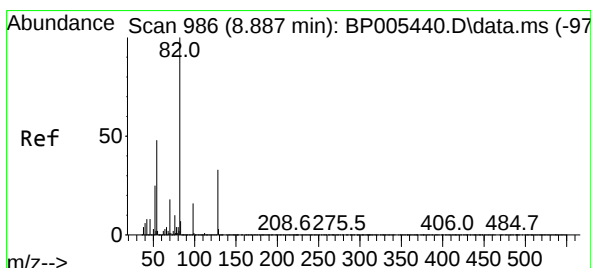
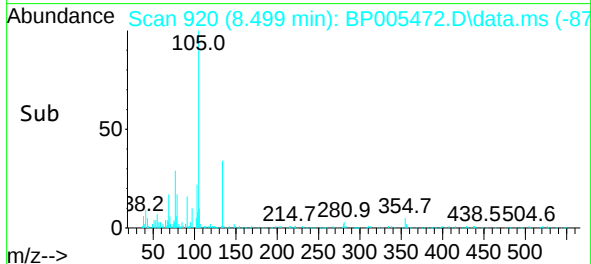
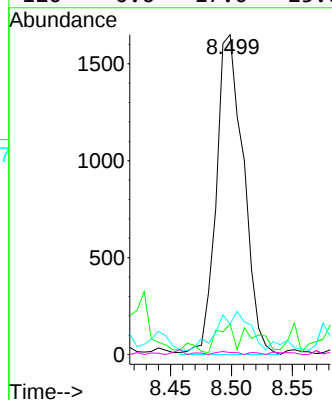
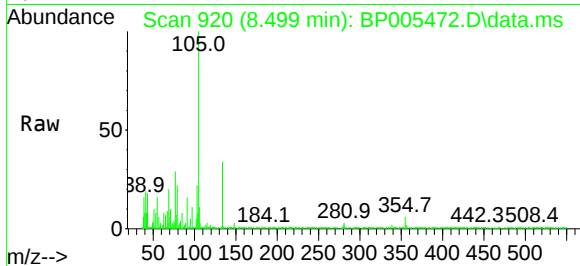




#22
Acetophenone
Concen: 2.27 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.041 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

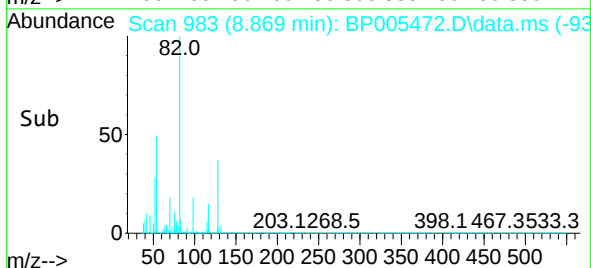
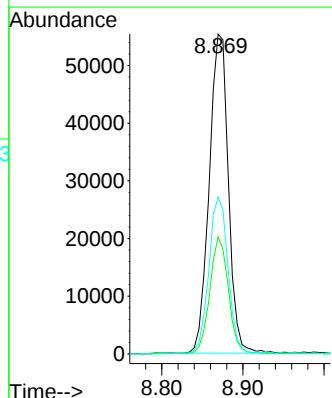
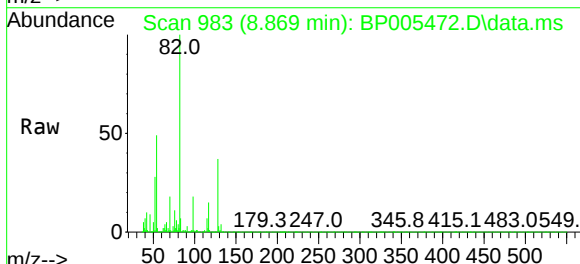
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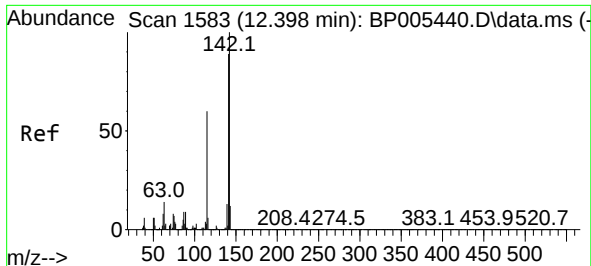
Tgt Ion:	105	Resp:	2576
Ion Ratio	Lower	Upper	
105	100		
71	9.7	0.9	1.3#
51	9.5	18.2	27.2#
120	0.6	17.0	25.6#



#23
Nitrobenzene-d5
Concen: 88.74 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion:	82	Resp:	90688
Ion Ratio	Lower	Upper	
82	100		
128	36.6	30.5	45.7
54	49.0	33.9	50.9

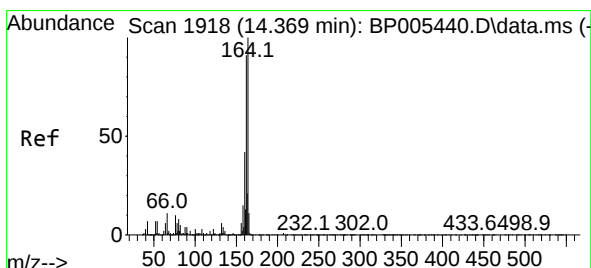
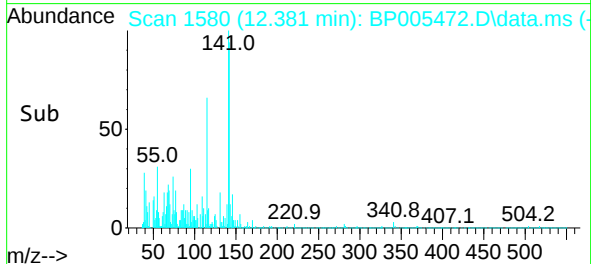
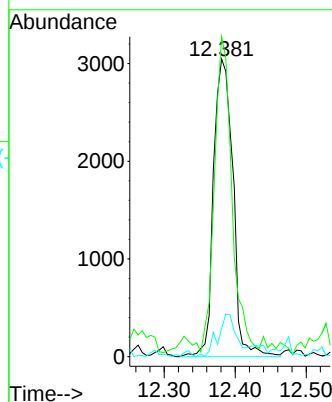
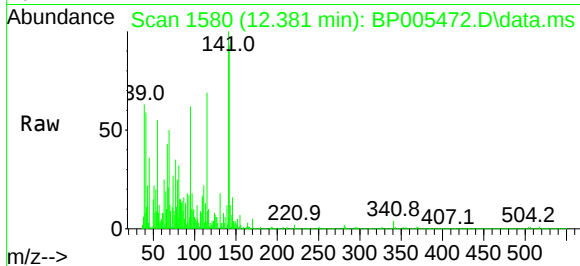




#38
1-Methylnaphthalene
Concen: 3.52 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

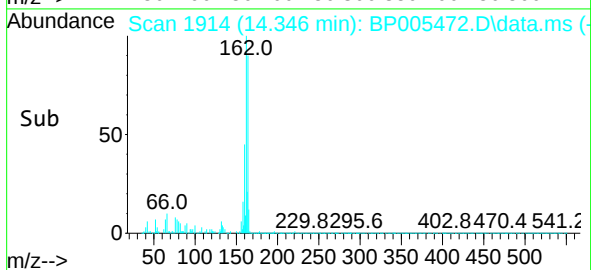
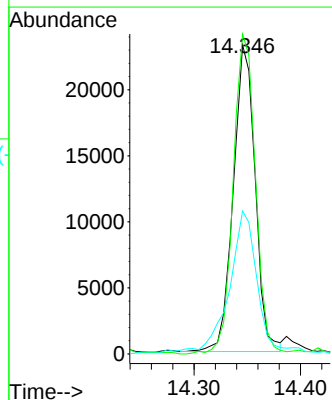
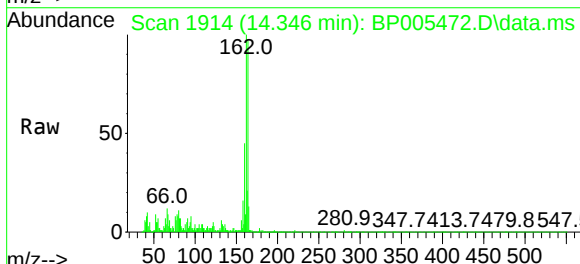
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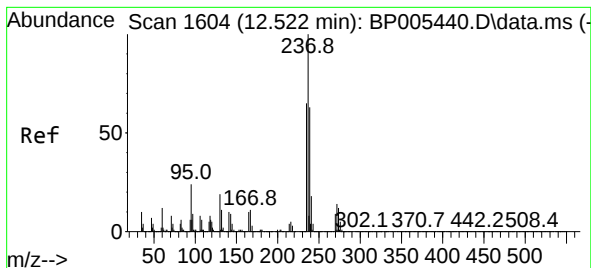
Tgt Ion:142 Resp: 5768
Ion Ratio Lower Upper
142 100
141 107.4 77.0 115.6
116 9.4 5.0 7.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion:164 Resp: 33253
Ion Ratio Lower Upper
164 100
162 103.6 73.5 110.3
160 46.2 40.6 61.0

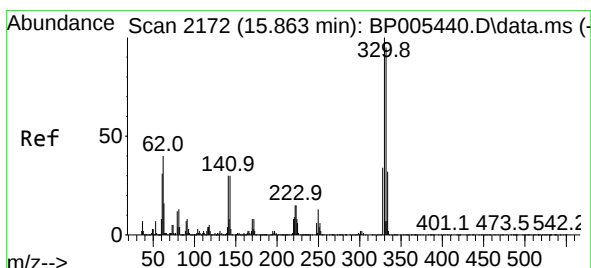
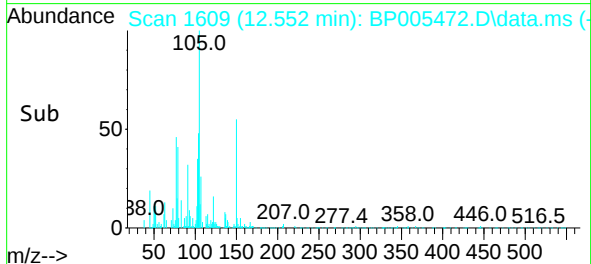
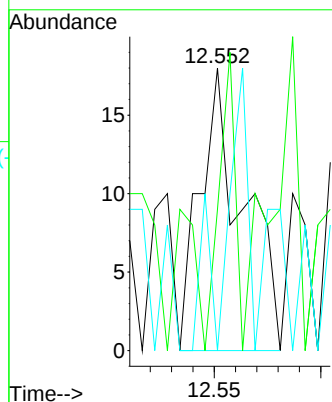
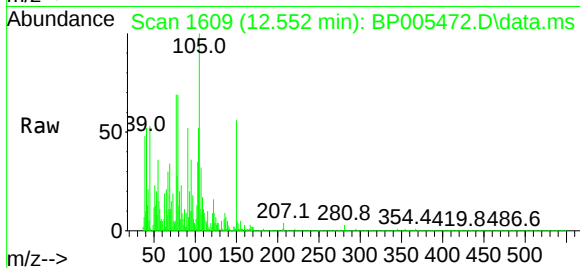




#41
Hexachlorocyclopentadiene
Concen: 7.91 ng
RT: 12.552 min Scan# 1609
Delta R.T. 0.041 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

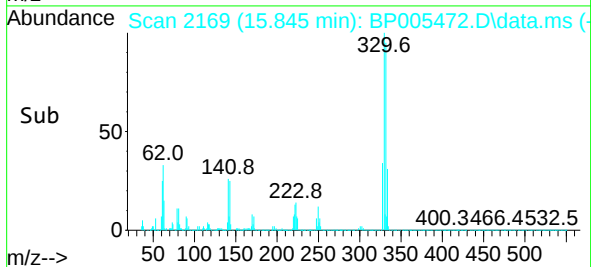
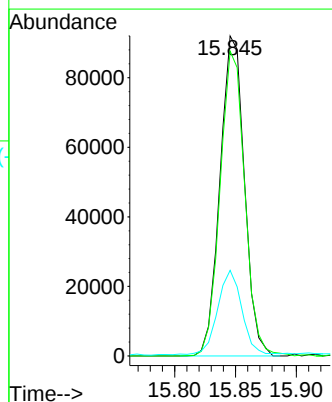
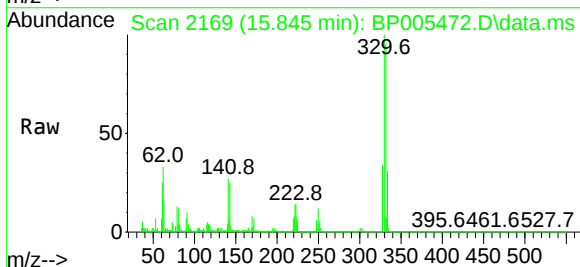
Instrument :
BNA_P
ClientSampled :
MW-05

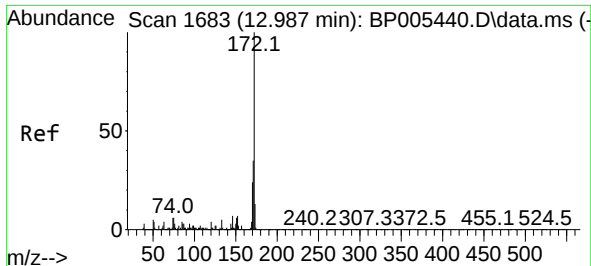
Tgt Ion:	237	Resp:	26
Ion	Ratio	Lower	Upper
237	100		
235	50.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 135.76 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion:	330	Resp:	128103
Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.3	114.5
141	27.1	22.8	34.2

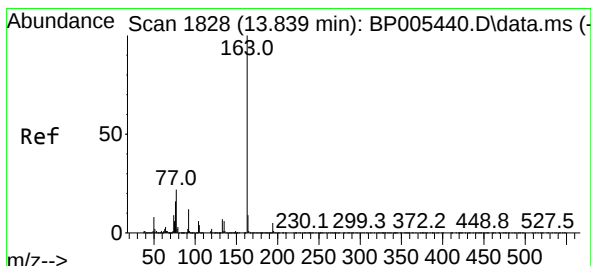
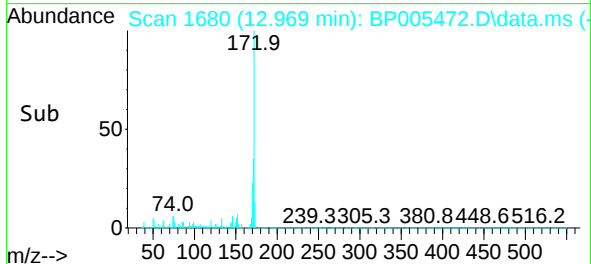
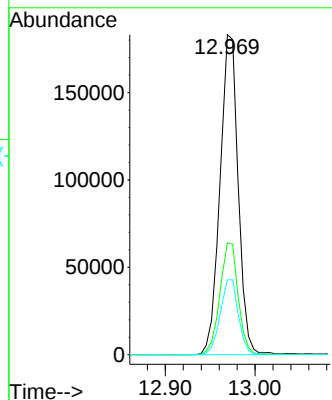
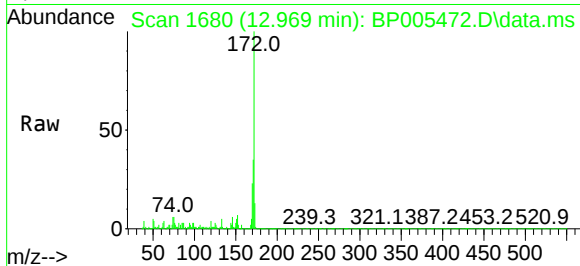




#45
2-Fluorobiphenyl
Concen: 87.43 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

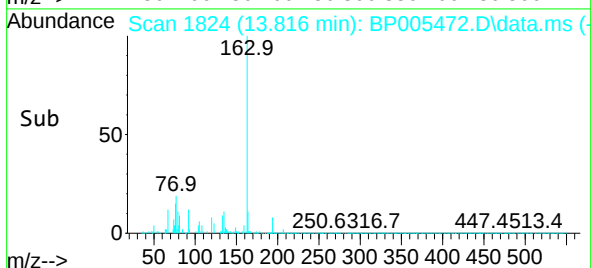
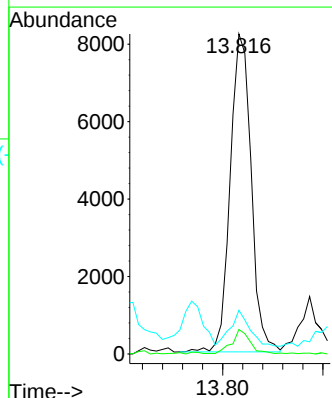
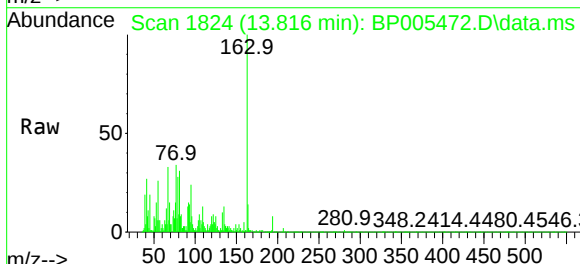
Instrument :
BNA_P
ClientSampleId :
MW-05

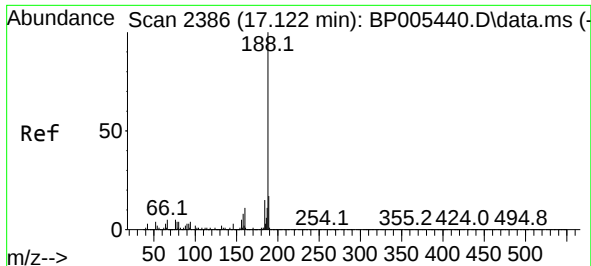
Tgt Ion:172 Resp: 257722
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 19.6 29.4



#50
Dimethylphthalate
Concen: 4.15 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion:163 Resp: 11909
Ion Ratio Lower Upper
163 100
194 7.6 3.9 5.9#
164 15.5 8.1 12.1#

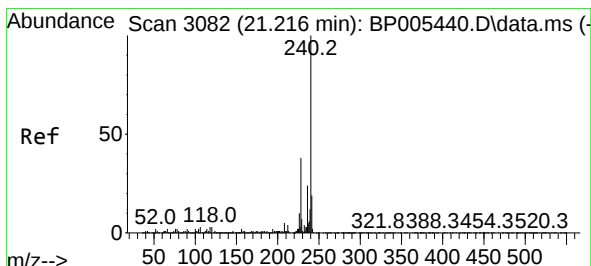
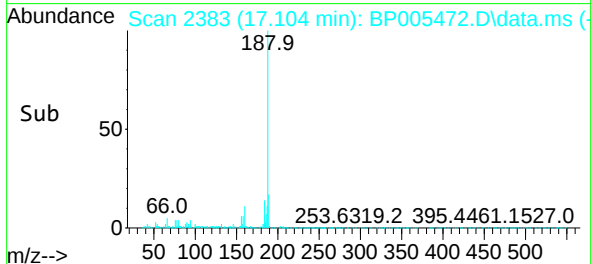
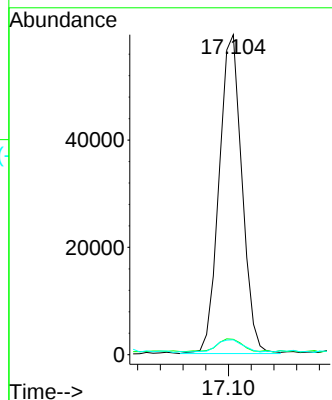
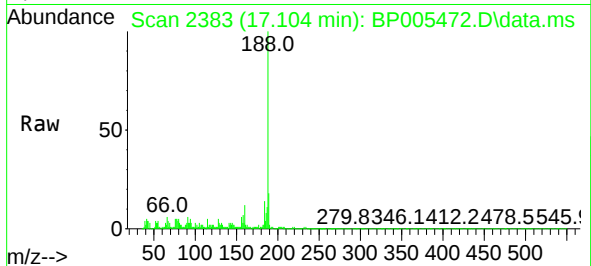




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

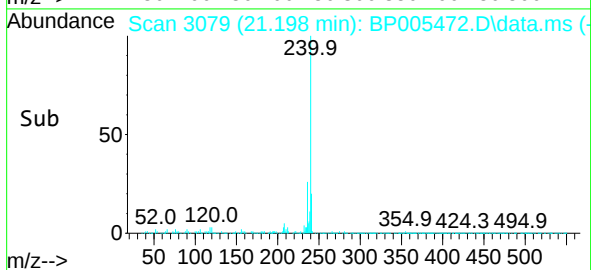
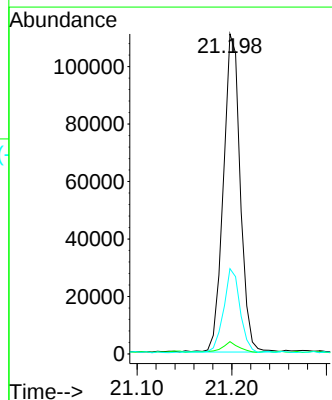
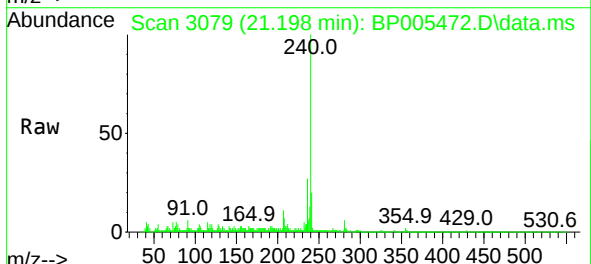
Instrument :
BNA_P
ClientSampleId :
MW-05

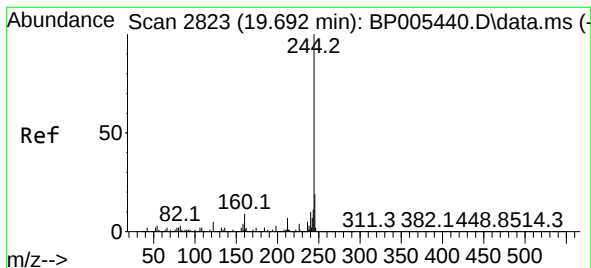
Tgt Ion:188 Resp: 83142
Ion Ratio Lower Upper
188 100
94 4.8 5.0 7.6#
80 4.6 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005472.D
Acq: 10 May 2021 17:10

Tgt Ion:240 Resp: 137192
Ion Ratio Lower Upper
240 100
120 3.8 4.2 6.2#
236 26.6 20.2 30.2





#79

Terphenyl-d14

Concen: 59.85 ng

RT: 19.675 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP005472.D

Acq: 10 May 2021 17:10

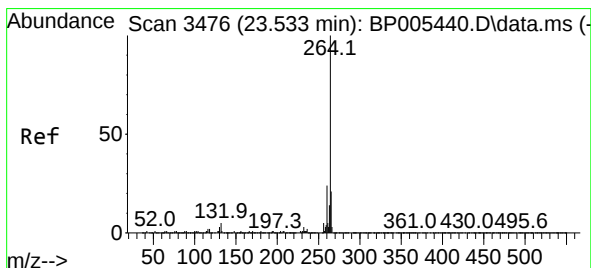
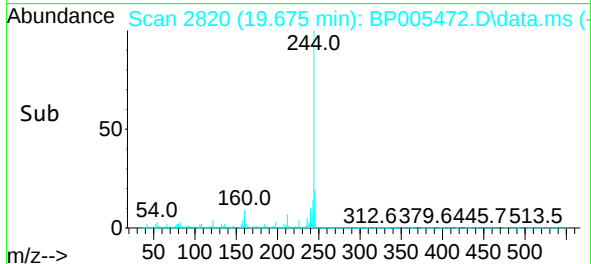
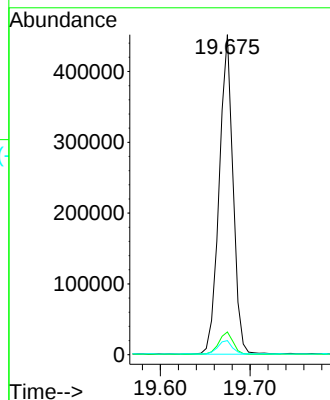
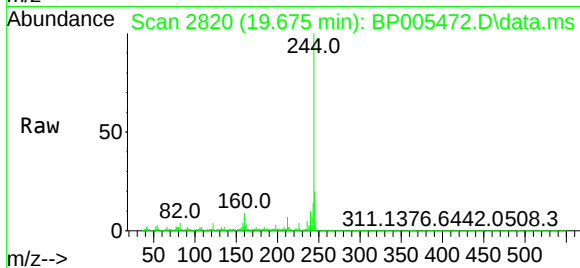
Instrument :

BNA_P

ClientSampleId :

MW-05

Tgt Ion:	244	Resp:	483494
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.6
122	4.4	5.2	7.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.516 min Scan# 3473

Delta R.T. -0.006 min

Lab File: BP005472.D

Acq: 10 May 2021 17:10

Tgt Ion:	264	Resp:	161410
Ion Ratio	Lower	Upper	
264	100		
260	23.3	20.6	30.8
265	22.9	19.0	28.6

