

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
 Data File : BP005487.D
 Acq On : 11 May 2021 14:02
 Operator : CG/JU
 Sample : M2323-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR3-1

Quant Time: May 11 14:31:37 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)

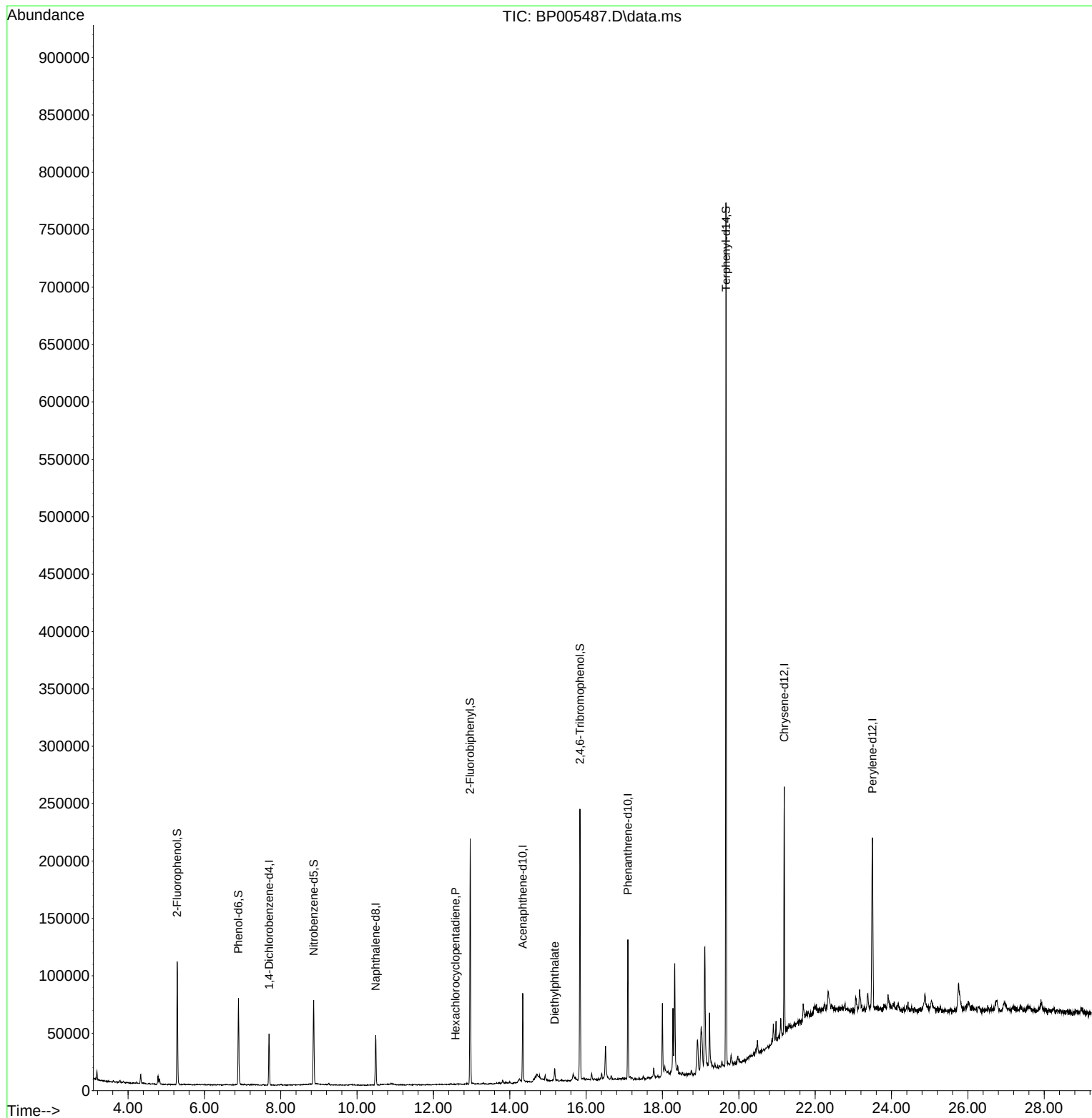
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	8307	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	22833	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	20749	20.00	ng	# 0.00
64) Phenanthrene-d10	17.092	188	63055	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	97244	20.00	ng	# 0.00
86) Perylene-d12	23.498	264	117160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	30533	70.54	ng	0.00
7) Phenol-d6	6.893	99	26107	48.37	ng	0.00
23) Nitrobenzene-d5	8.863	82	34251	59.04	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	40998	69.63	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	86136	46.83	ng	0.00
79) Terphenyl-d14	19.663	244	292643	51.11	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	11	Below Cal	#	1
9) Benzaldehyde	6.852	77	119	Below Cal	#	4
41) Hexachlorocyclopentadiene	12.581	237	9	7.89	ng	91
60) Diethylphthalate	15.175	149	5576	3.21	ng	93

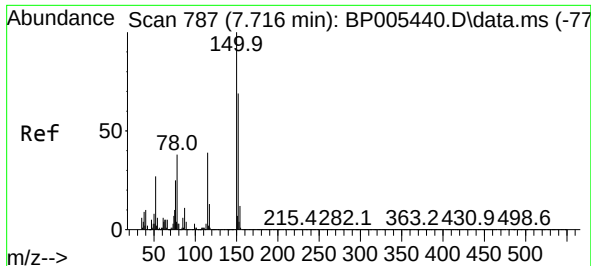
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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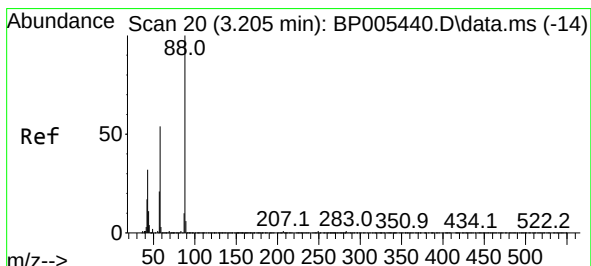
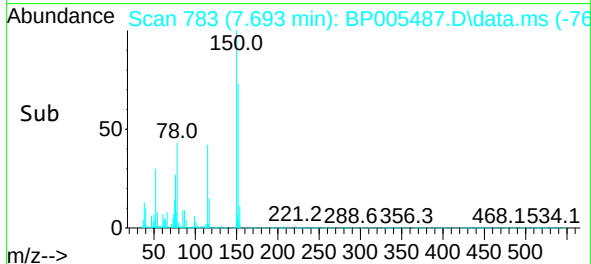
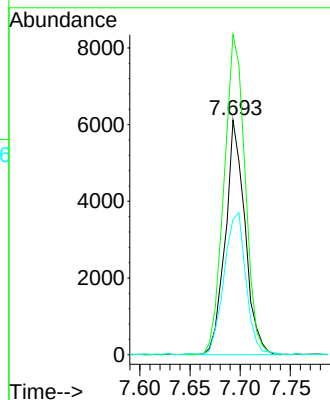
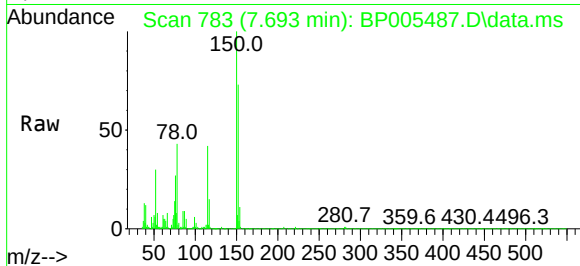




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

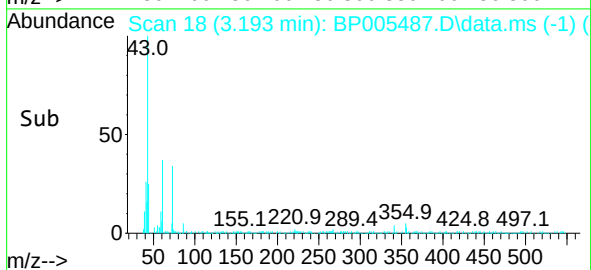
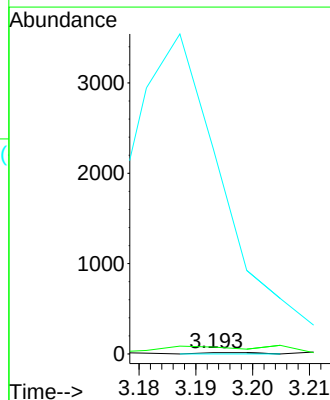
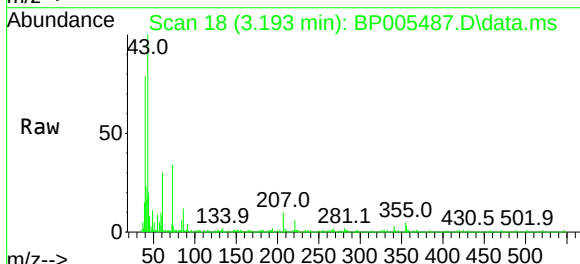
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

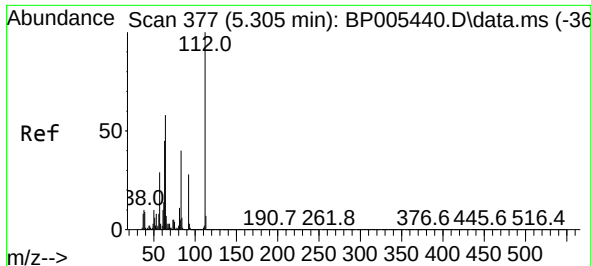
Tgt Ion:152 Resp: 8307
Ion Ratio Lower Upper
152 100
150 136.5 119.8 179.8
115 57.8 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.193 min Scan# 18
Delta R.T. 0.012 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Tgt Ion: 88 Resp: 11
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 35354.5 19.8 29.8#

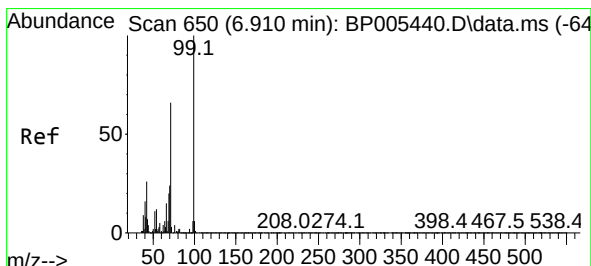
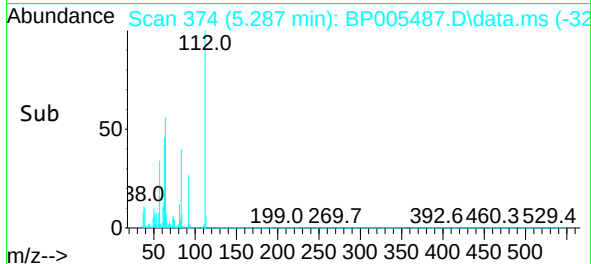
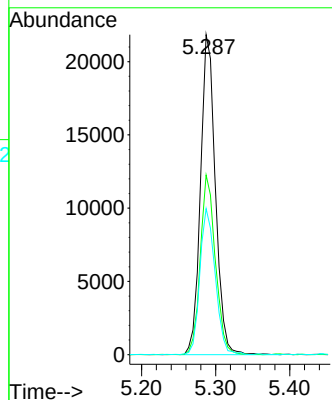
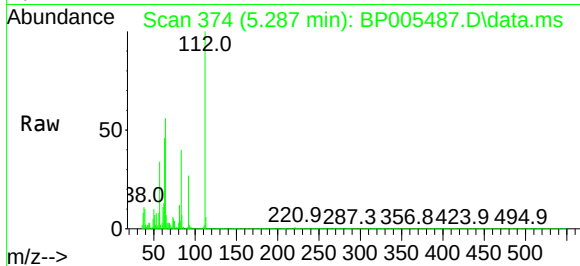




#5
2-Fluorophenol
Concen: 70.54 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

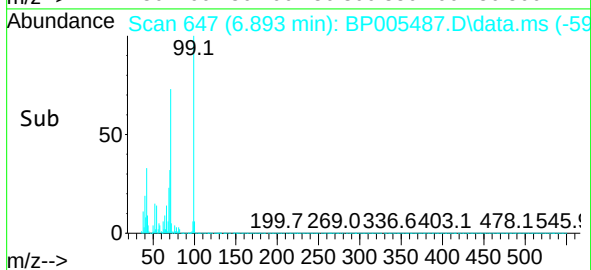
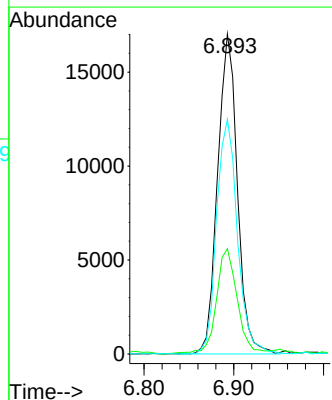
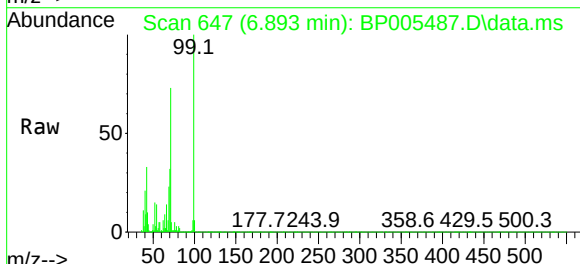
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

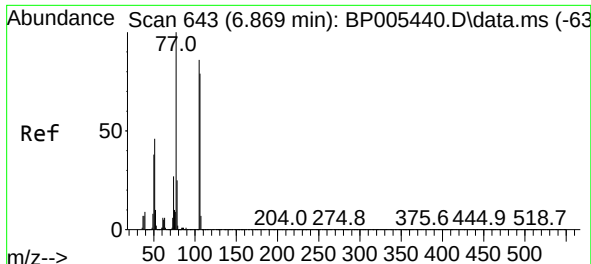
Tgt Ion:112 Resp: 30533
Ion Ratio Lower Upper
112 100
64 56.1 33.6 50.4#
63 45.7 18.6 27.8#



#7
Phenol-d6
Concen: 48.37 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Tgt Ion: 99 Resp: 26107
Ion Ratio Lower Upper
99 100
42 32.9 12.9 19.3#
71 73.4 26.7 40.1#

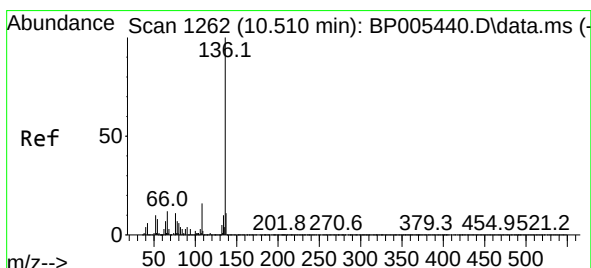
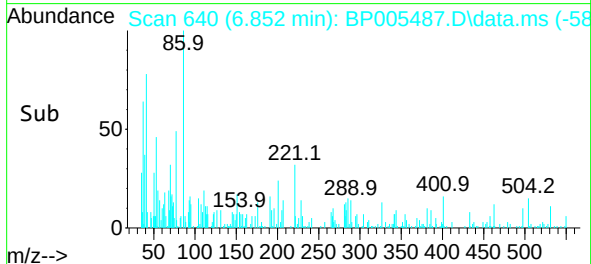
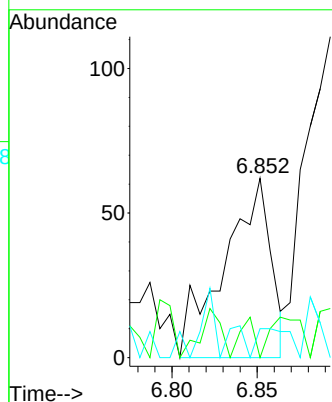
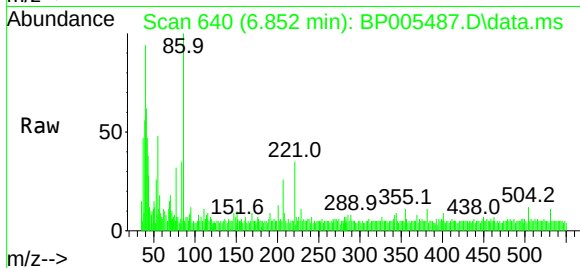




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

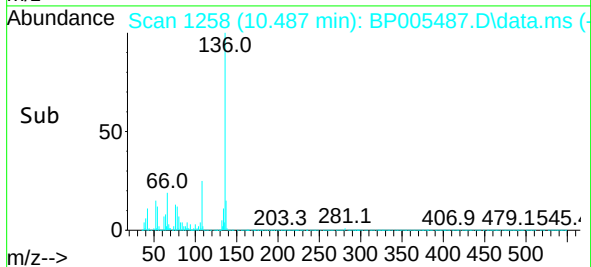
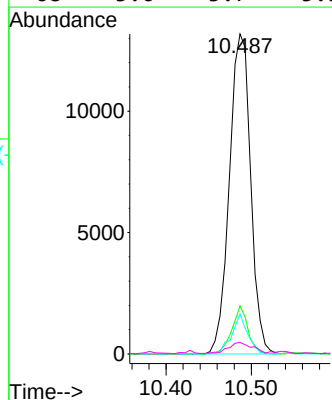
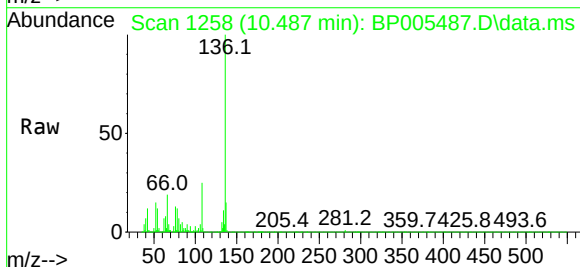
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

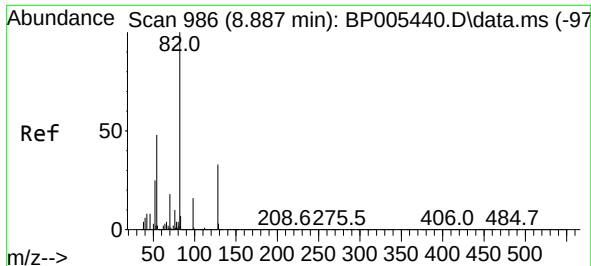
Tgt Ion: 77 Resp: 119
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 13.2 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Tgt Ion: 136 Resp: 22833
Ion Ratio Lower Upper
136 100
137 15.0 8.9 13.3#
54 12.5 5.0 7.4#
68 3.6 3.7 5.5#

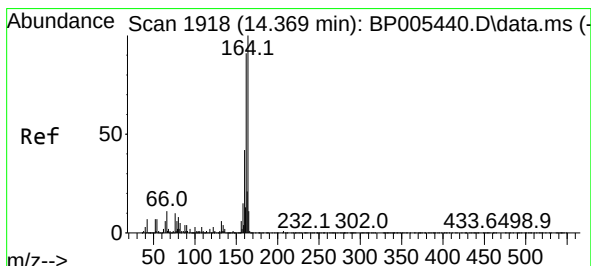
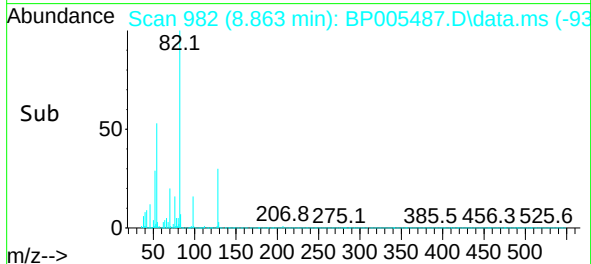
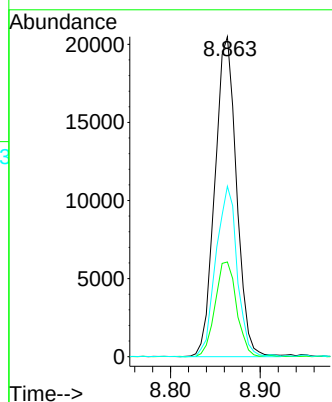
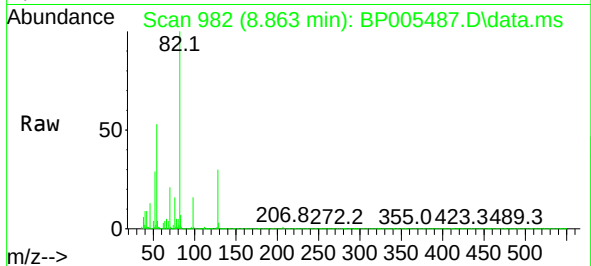




#23
Nitrobenzene-d5
Concen: 59.04 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

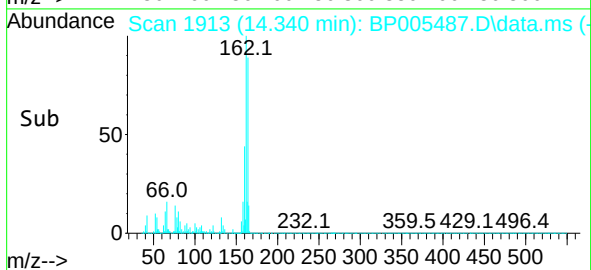
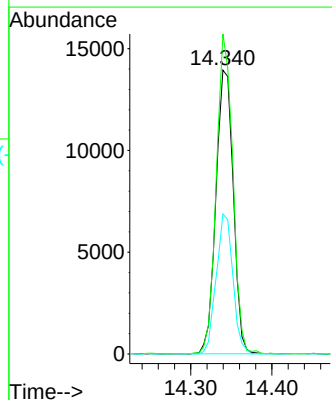
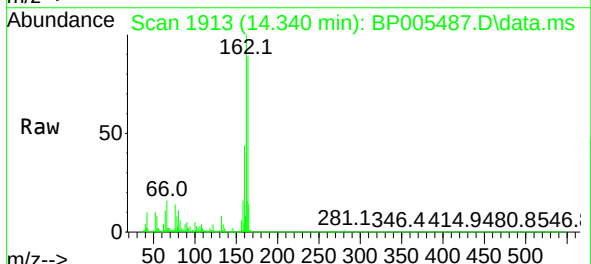
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

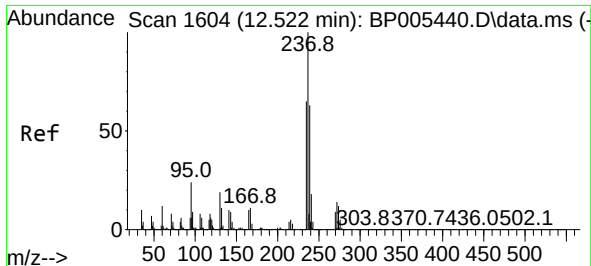
Tgt Ion: 82 Resp: 34251
Ion Ratio Lower Upper
82 100
128 29.6 30.5 45.7#
54 53.2 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Tgt Ion:164 Resp: 20749
Ion Ratio Lower Upper
164 100
162 112.7 73.5 110.3#
160 49.3 40.6 61.0

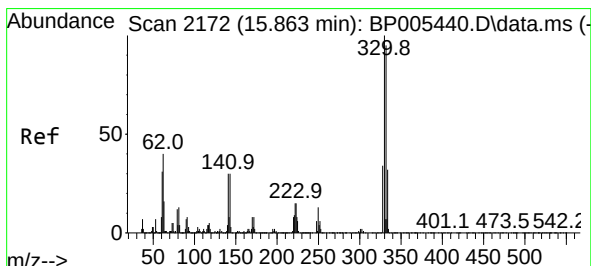
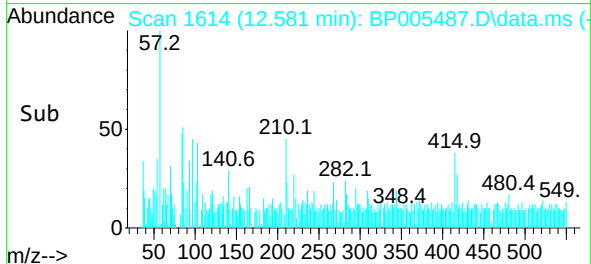
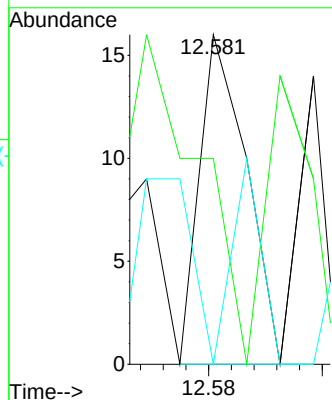
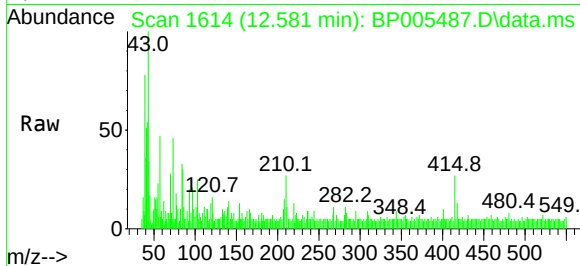




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.581 min Scan# 1614
Delta R.T. 0.082 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

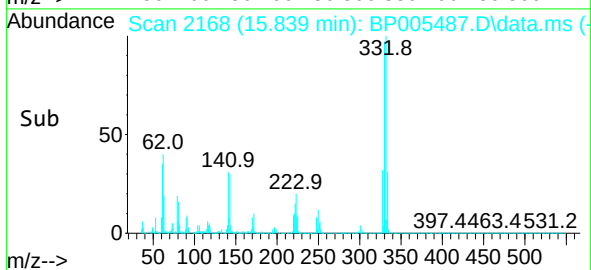
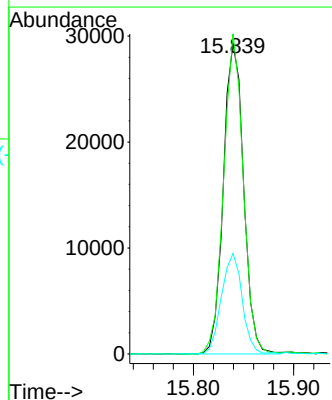
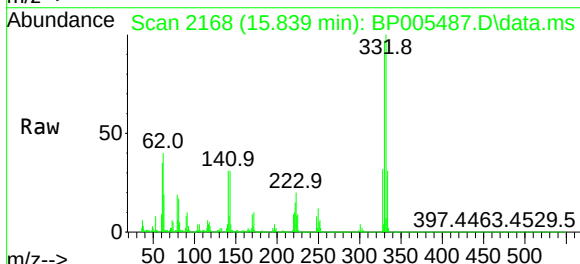
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ClientSampleId :
AST2-COPR3-1

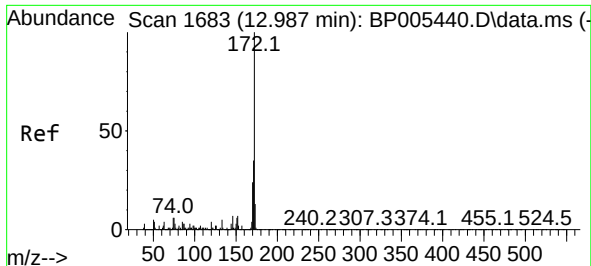
Tgt Ion:	237	Resp:	9
Ion	Ratio	Lower	Upper
237	100		
235	62.5	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 69.63 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Tgt Ion:	330	Resp:	40998
Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.3	114.5
141	33.3	22.8	34.2

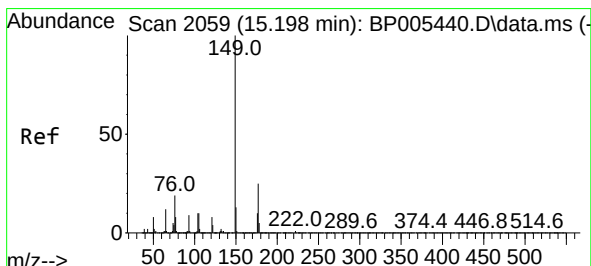
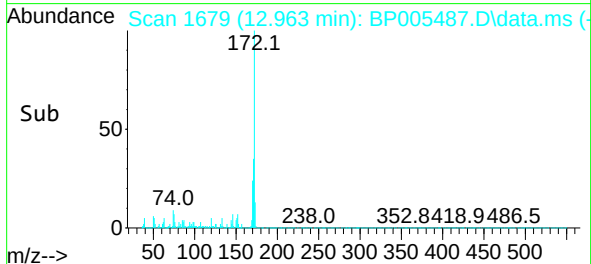
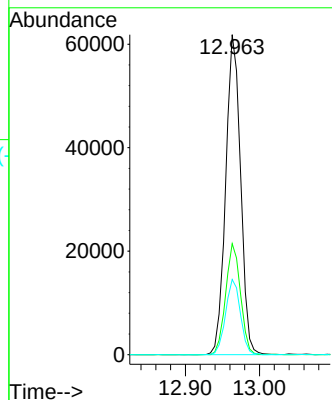
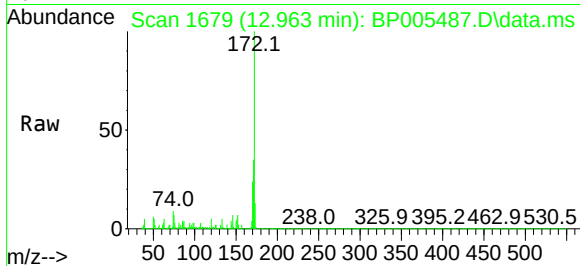




#45
2-Fluorobiphenyl
Concen: 46.83 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

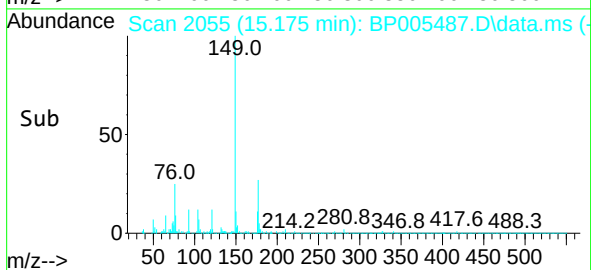
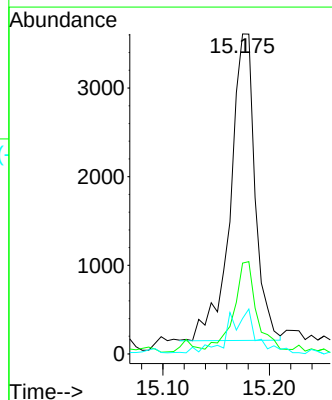
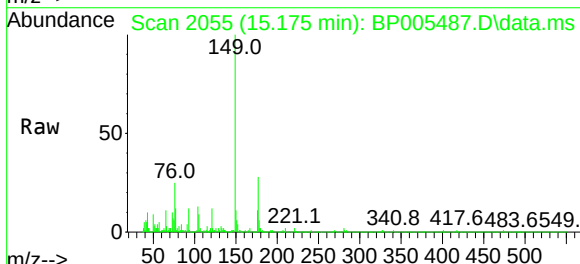
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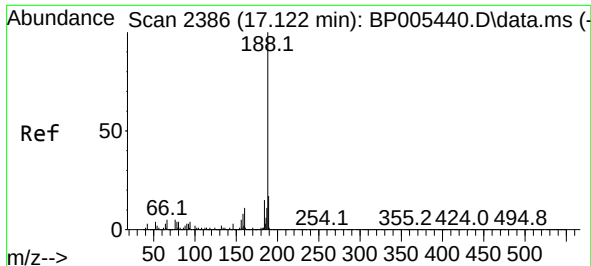
Tgt Ion:172 Resp: 86136
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 19.6 29.4



#60
Diethylphthalate
Concen: 3.21 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Tgt Ion:149 Resp: 5576
Ion Ratio Lower Upper
149 100
177 28.4 19.2 28.8
150 11.1 9.9 14.9

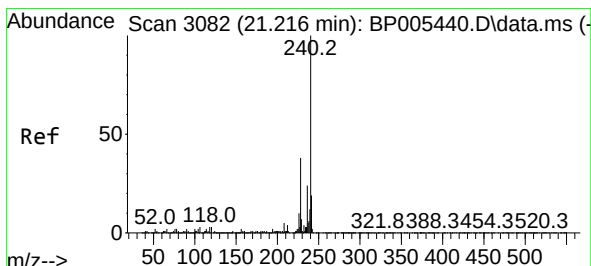
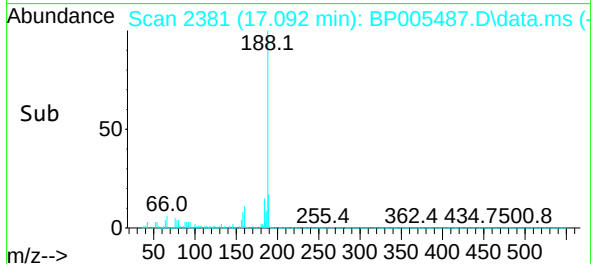
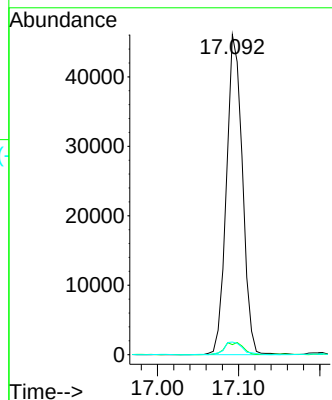
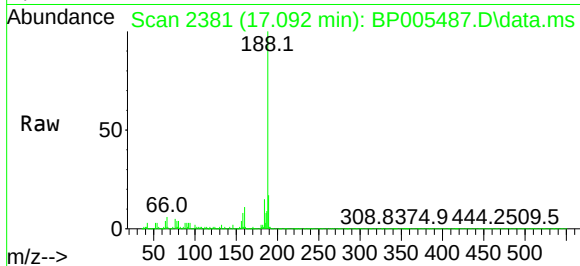




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

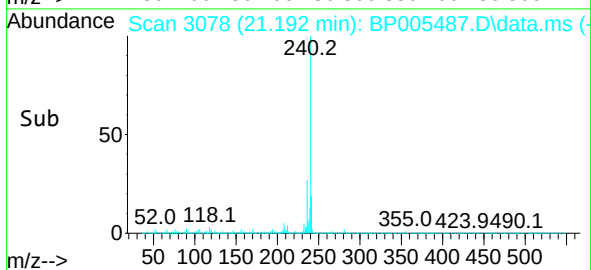
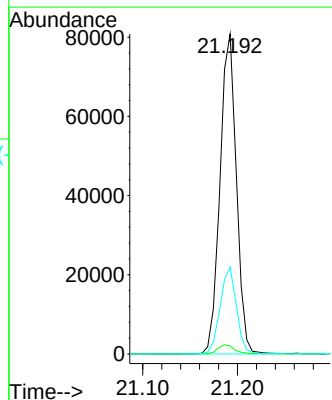
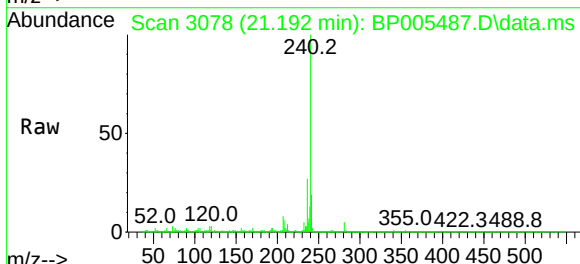
Instrument :
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AST2-COPR3-1

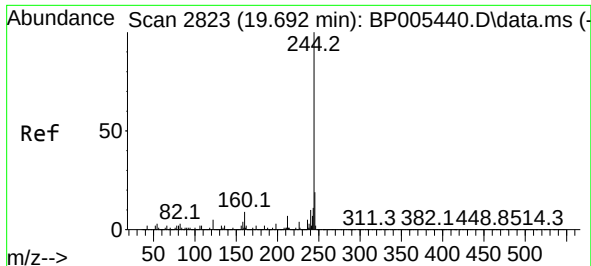
Tgt Ion:188 Resp: 63055
Ion Ratio Lower Upper
188 100
94 3.2 5.0 7.6#
80 3.9 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Tgt Ion:240 Resp: 97244
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 27.2 20.2 30.2

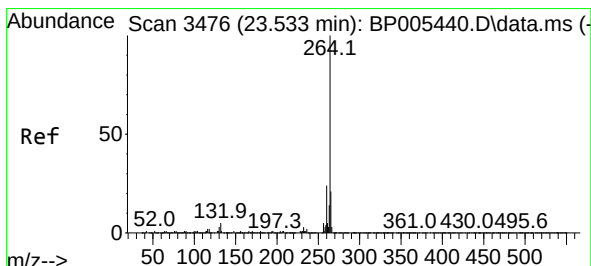
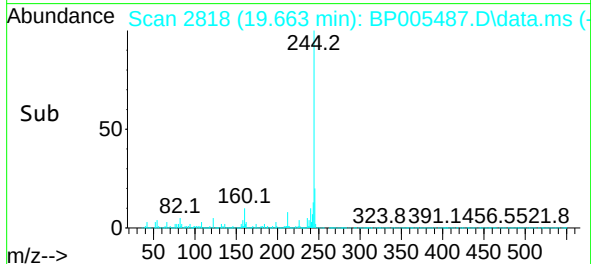
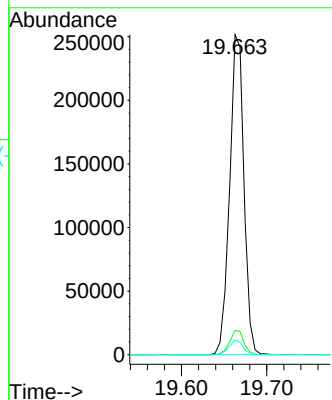
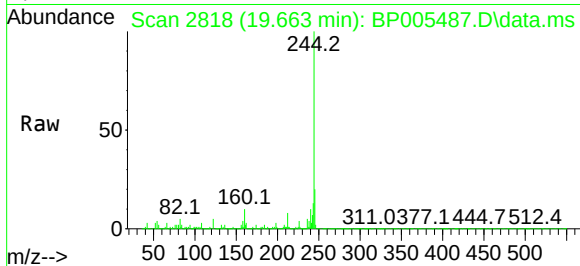




#79
Terphenyl-d14
Concen: 51.11 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

Tgt Ion:244 Resp: 292643
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 4.5 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. -0.006 min
Lab File: BP005487.D
Acq: 11 May 2021 14:02

Tgt Ion:264 Resp: 117160
Ion Ratio Lower Upper
264 100
260 24.4 20.6 30.8
265 21.9 19.0 28.6

