

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005480.D
 Acq On : 10 May 2021 21:41
 Operator : CG/JU
 Sample : M2323-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR3-1

Quant Time: May 11 04:23:31 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	7.704	152	11042	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	29121	20.00	ng	#-0.01
39) Acenaphthene-d10	14.345	164	20925	20.00	ng	-0.01
64) Phenanthrene-d10	17.098	188	57819	20.00	ng	#-0.01
76) Chrysene-d12	21.192	240	99554	20.00	ng	#-0.01
86) Perylene-d12	23.504	264	126993	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	36725	63.83	ng	0.00
7) Phenol-d6	6.899	99	32701	45.58	ng	0.00
23) Nitrobenzene-d5	8.869	82	40249	54.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	36073	60.75	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	92640	49.94	ng	-0.01
79) Terphenyl-d14	19.669	244	263467	44.94	ng	-0.01

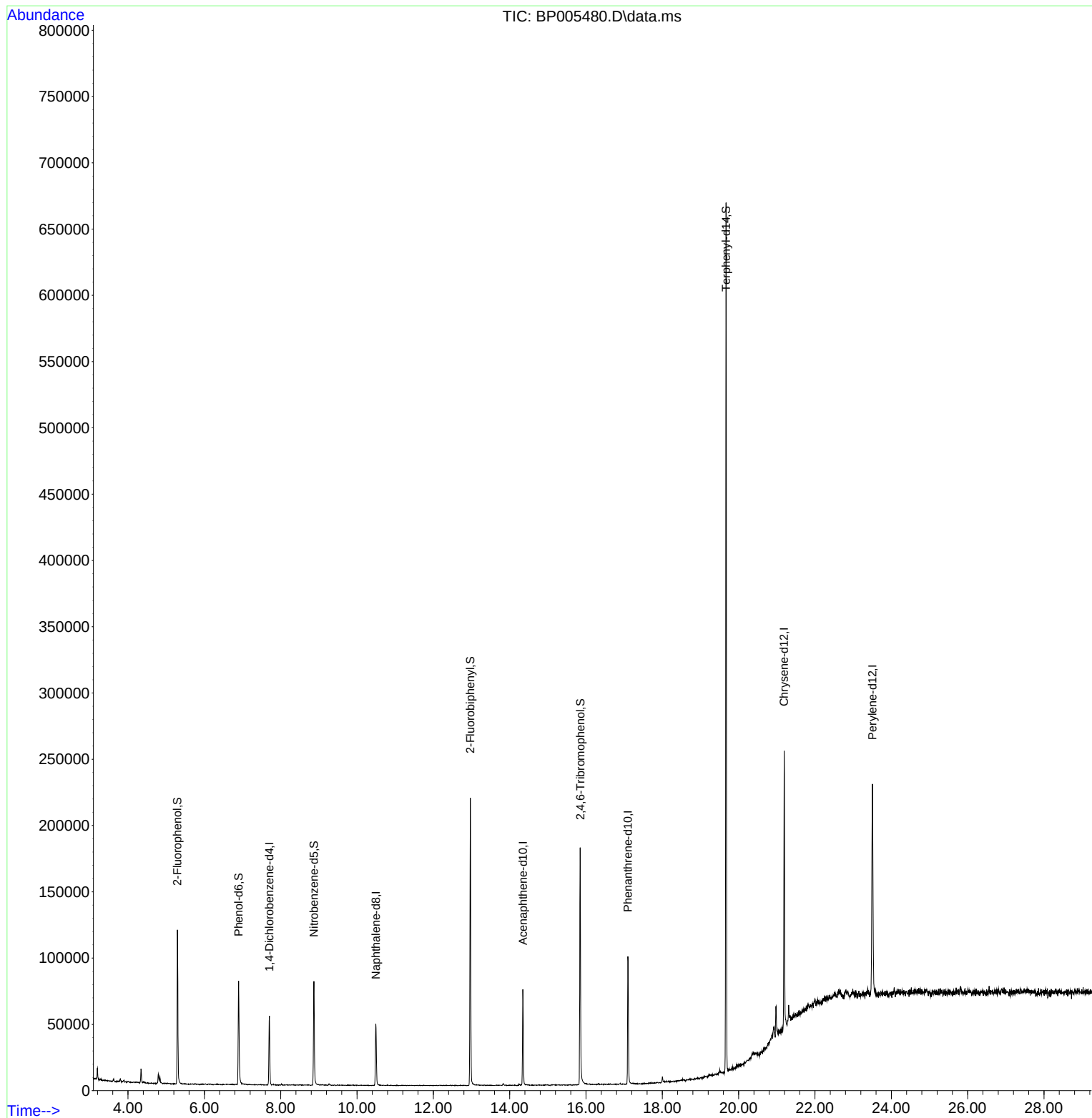
Target Compounds	Qvalue

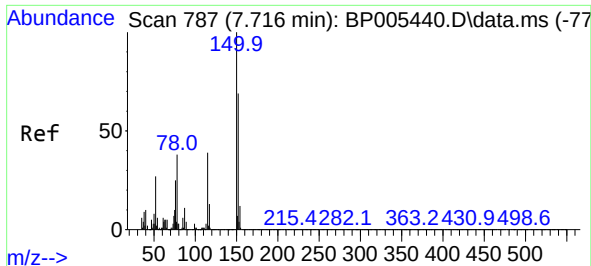
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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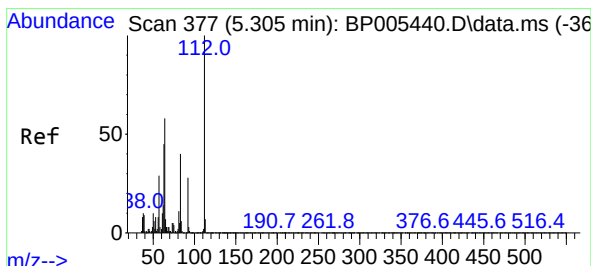
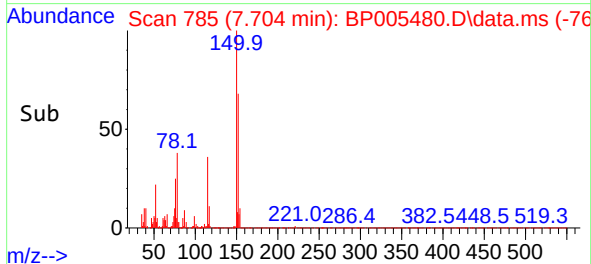
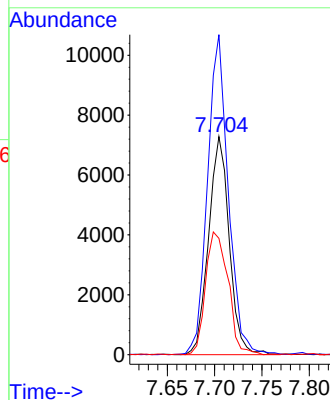
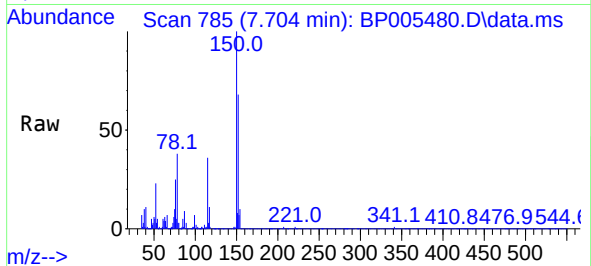




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.007 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

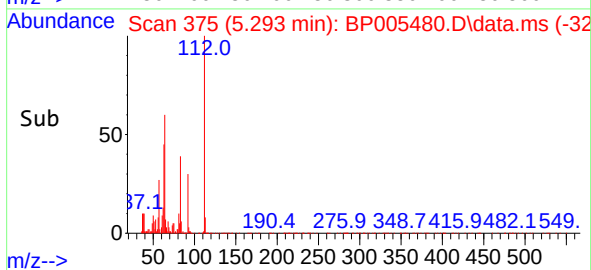
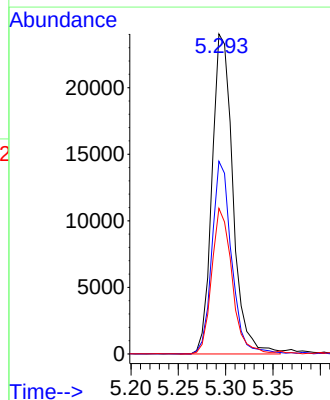
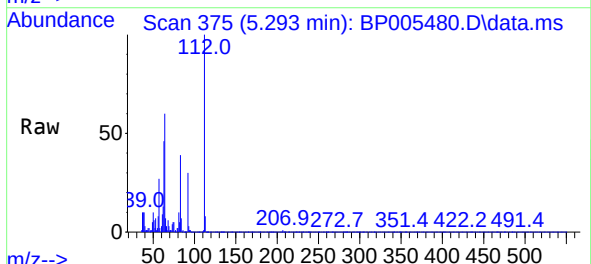
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

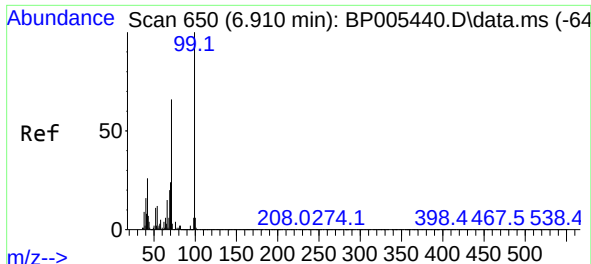
Tgt Ion:152 Resp: 11042
Ion Ratio Lower Upper
152 100
150 146.7 119.8 179.8
115 53.3 49.0 73.4



#5
2-Fluorophenol
Concen: 63.83 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

Tgt Ion:112 Resp: 36725
Ion Ratio Lower Upper
112 100
64 60.2 33.6 50.4#
63 45.5 18.6 27.8#

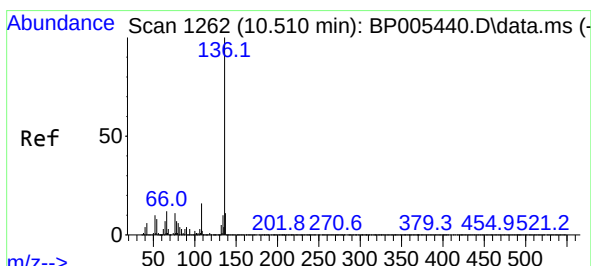
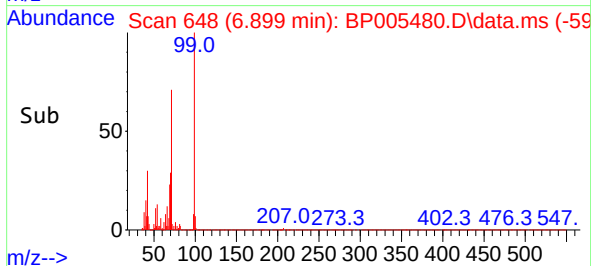
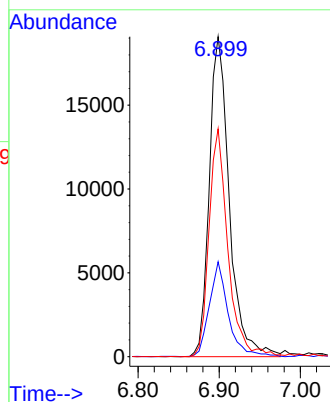
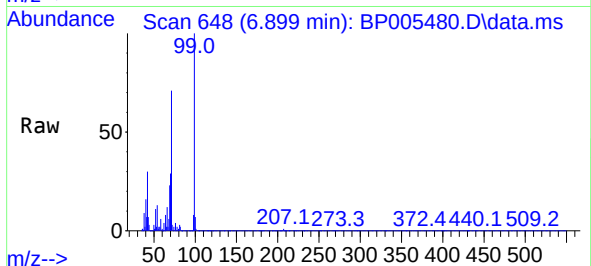




#7
Phenol-d6
Concen: 45.58 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

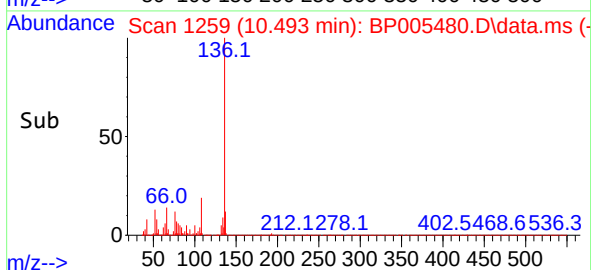
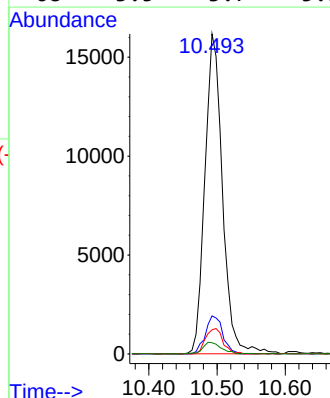
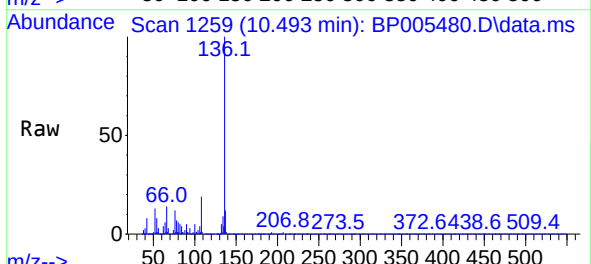
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

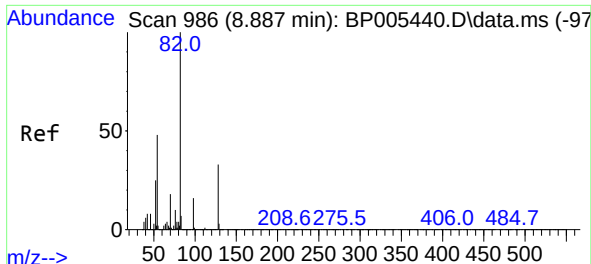
Tgt Ion:	99	Resp:	32701
Ion	Ratio	Lower	Upper
99	100		
42	29.6	12.9	19.3#
71	71.2	26.7	40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

Tgt Ion:	136	Resp:	29121
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	7.6	5.0	7.4#
68	3.5	3.7	5.5#

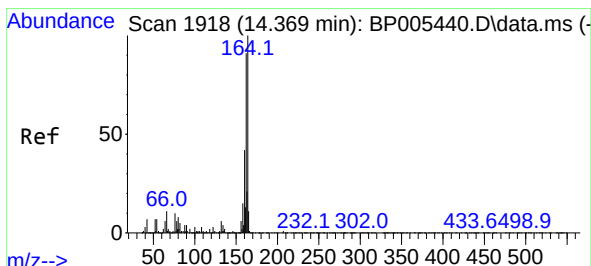
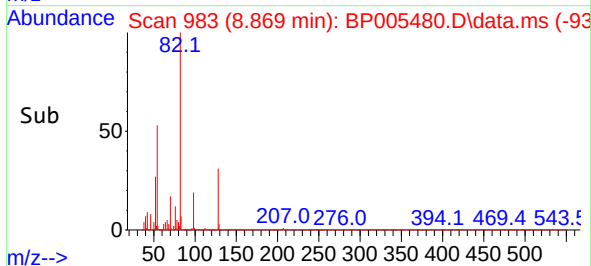
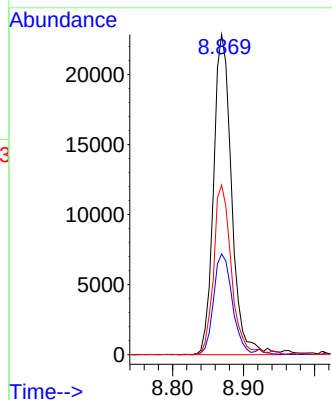
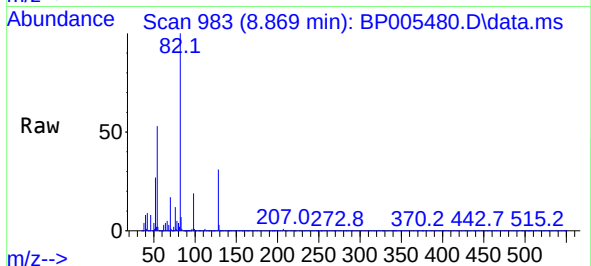




#23
Nitrobenzene-d5
Concen: 54.40 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

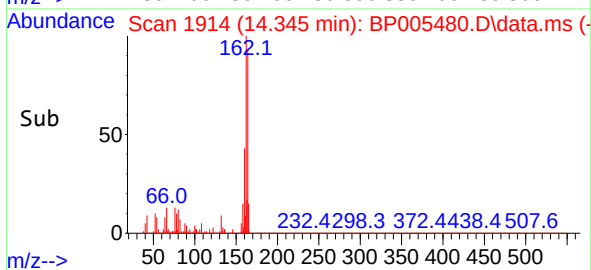
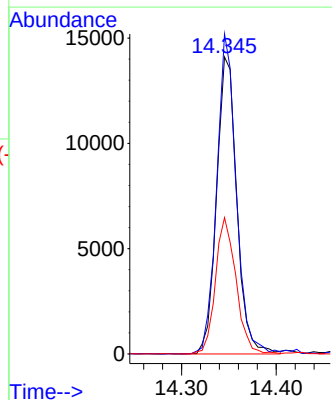
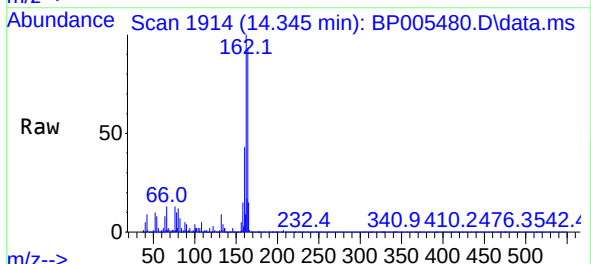
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

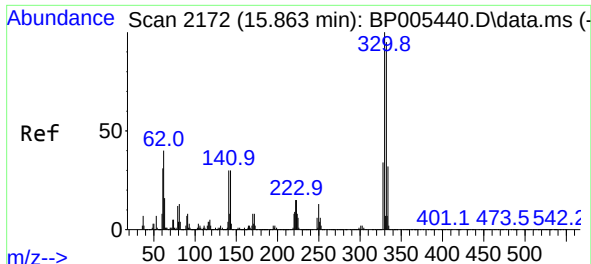
Tgt Ion: 82 Resp: 40249
Ion Ratio Lower Upper
82 100
128 31.4 30.5 45.7
54 53.0 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

Tgt Ion:164 Resp: 20925
Ion Ratio Lower Upper
164 100
162 107.7 73.5 110.3
160 45.9 40.6 61.0

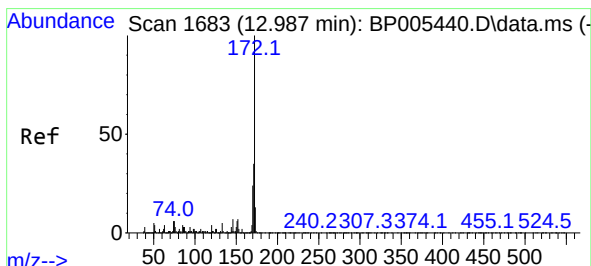
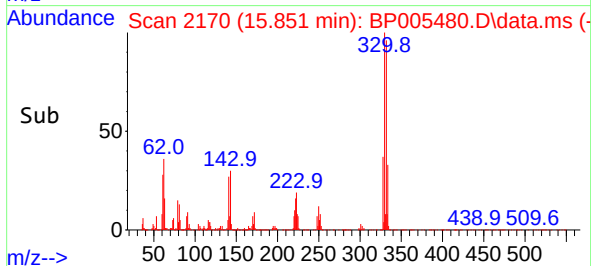
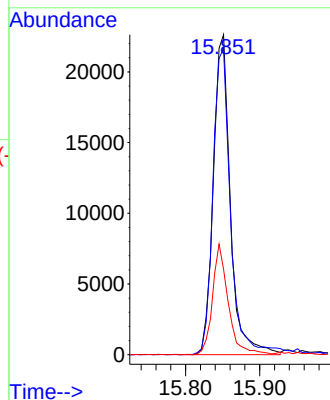
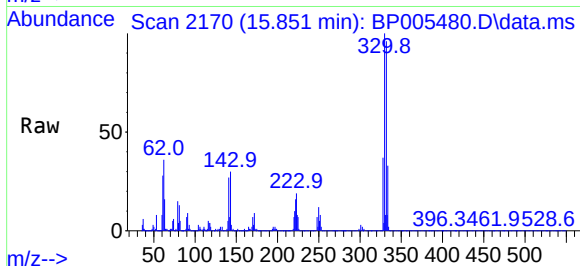




#42
2,4,6-Tribromophenol
Concen: 60.75 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

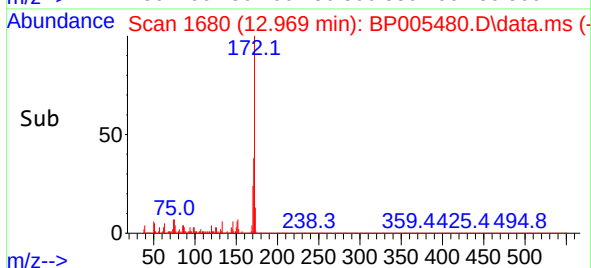
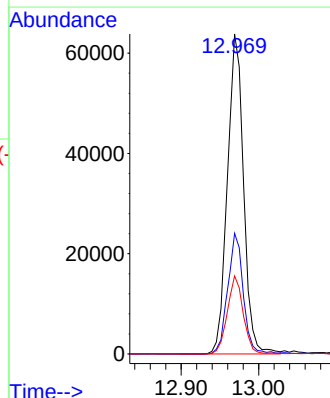
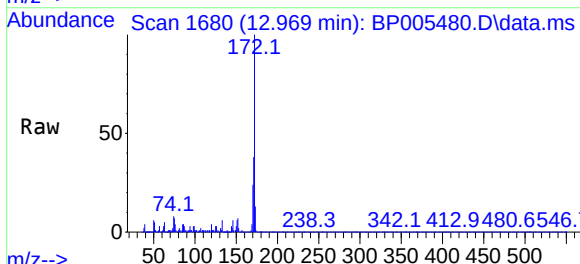
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ClientSampleId :
AST2-COPR3-1

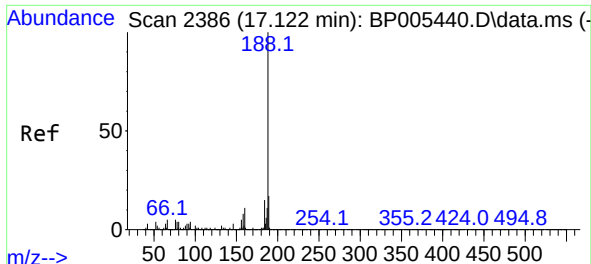
Tgt Ion:330 Resp: 36073
Ion Ratio Lower Upper
330 100
332 99.5 76.3 114.5
141 31.7 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 49.94 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

Tgt Ion:172 Resp: 92640
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 24.4 19.6 29.4

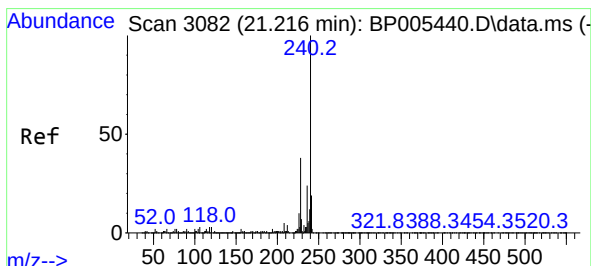
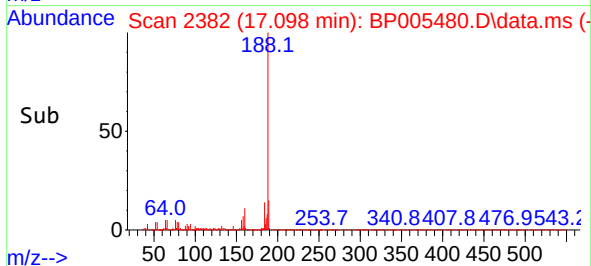
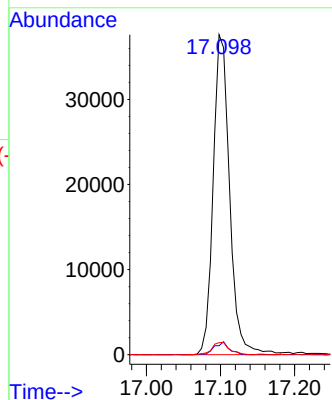
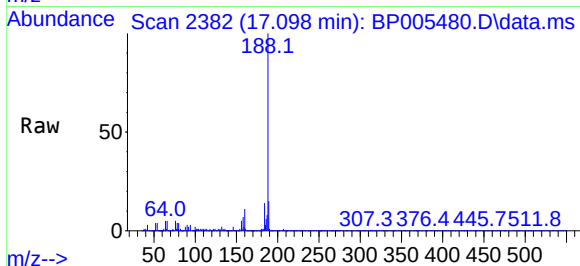




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

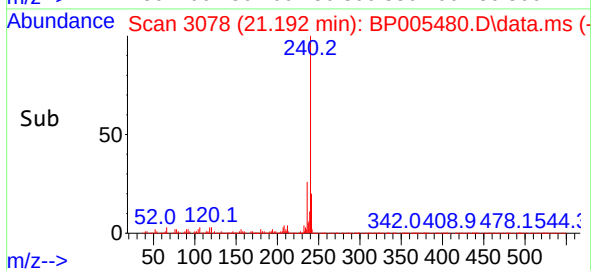
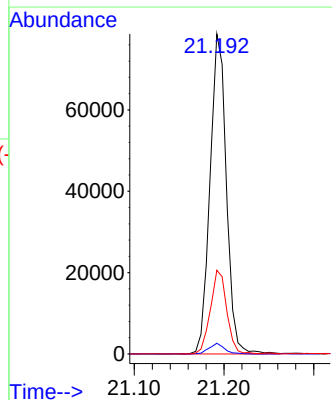
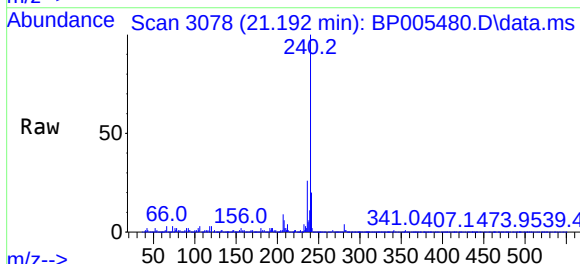
Instrument :
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ClientSampleId :
AST2-COPR3-1

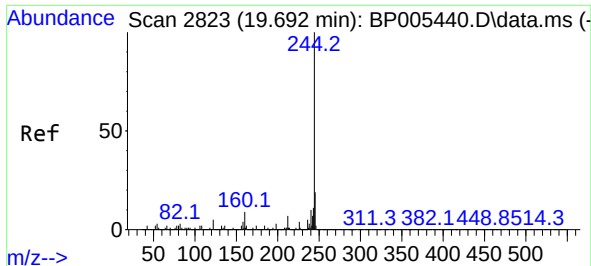
Tgt Ion:188	Resp:	57819
Ion Ratio	Lower	Upper
188	100	
94	2.8	5.0 7.6#
80	3.8	5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

Tgt Ion:240	Resp:	99554
Ion Ratio	Lower	Upper
240	100	
120	3.3	4.2 6.2#
236	26.2	20.2 30.2

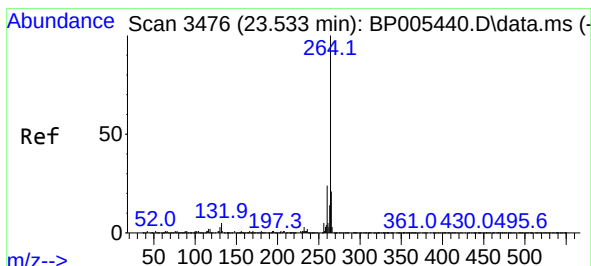
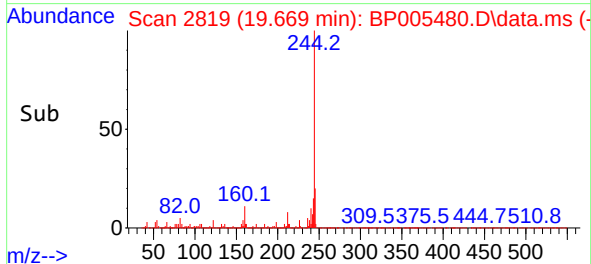
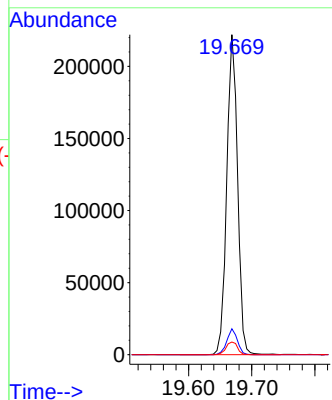
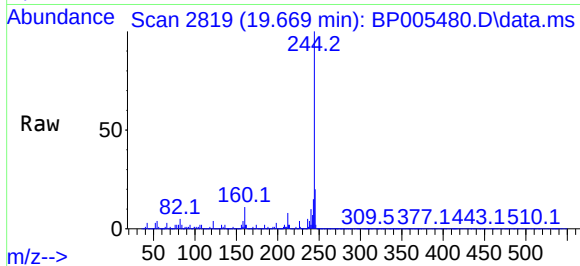




#79
Terphenyl-d14
Concen: 44.94 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

Tgt Ion:244 Resp: 263467
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.6
122 4.0 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.018 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

Tgt Ion:264 Resp: 126993
Ion Ratio Lower Upper
264 100
260 24.6 20.6 30.8
265 22.6 19.0 28.6

