

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005480.D
 Acq On : 10 May 2021 21:41
 Operator : CG/JU
 Sample : M2323-02RE
 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)

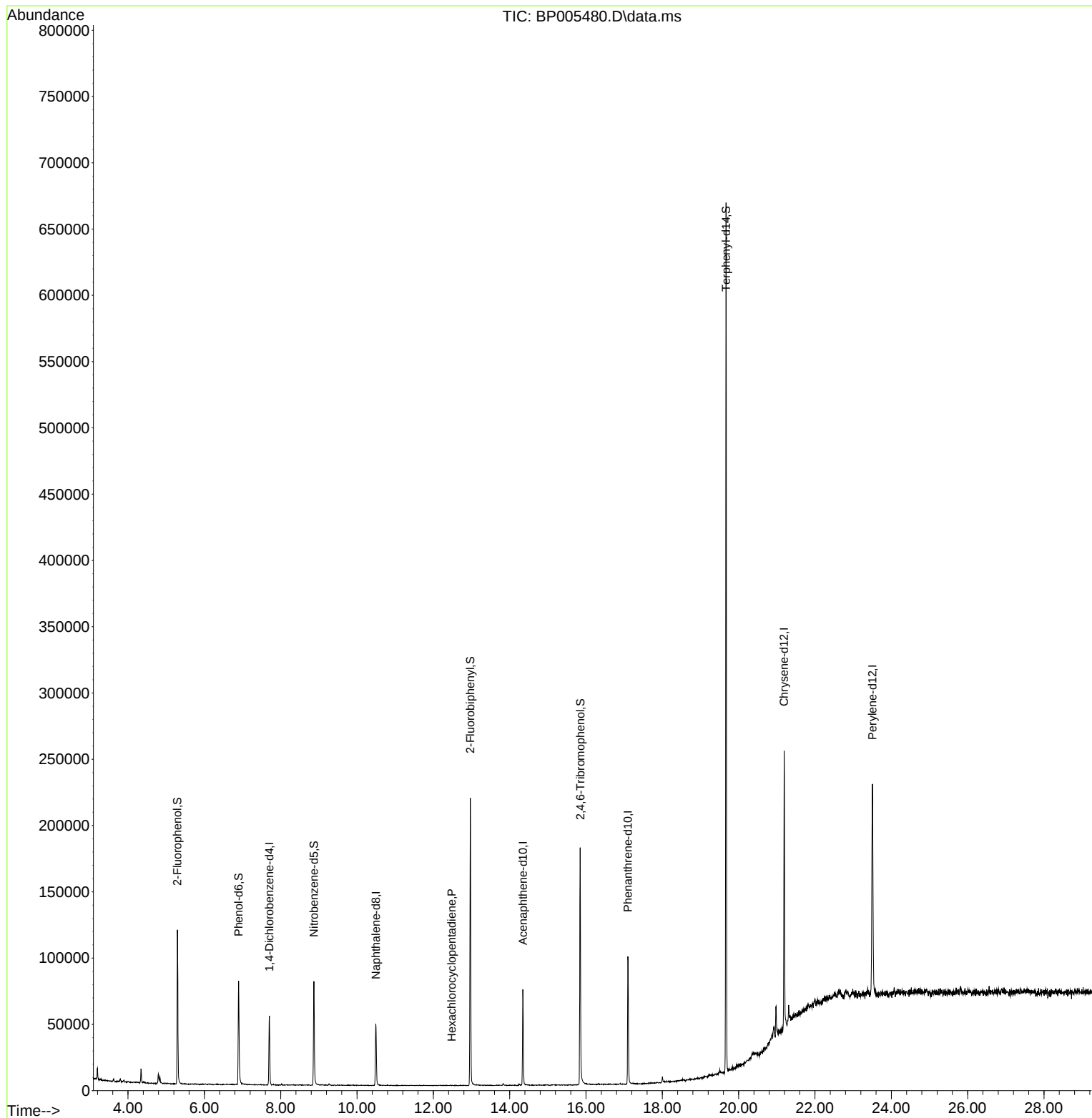
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	11042	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	29121	20.00	ng	#-0.01
39) Acenaphthene-d10	14.345	164	20925	20.00	ng	-0.01
64) Phenanthrene-d10	17.098	188	57819	20.00	ng	#-0.01
76) Chrysene-d12	21.192	240	99554	20.00	ng	#-0.01
86) Perylene-d12	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
2) 1,4-Dioxane	3.169	88	11	Below Cal	#	33
9) Benzaldehyde	6.846	77	27	Below Cal	#	34
41) Hexachlorocyclopentadiene	12.481	237	9	7.89	ng	73

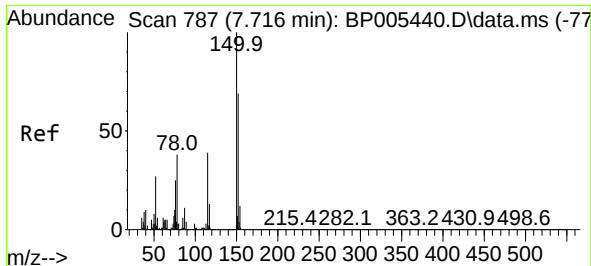
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

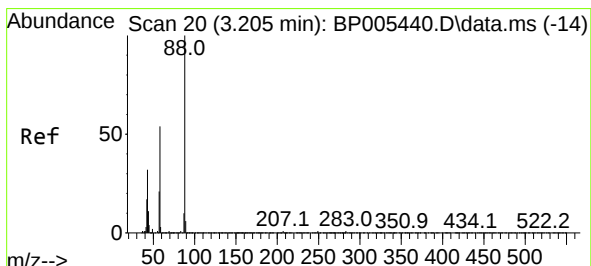
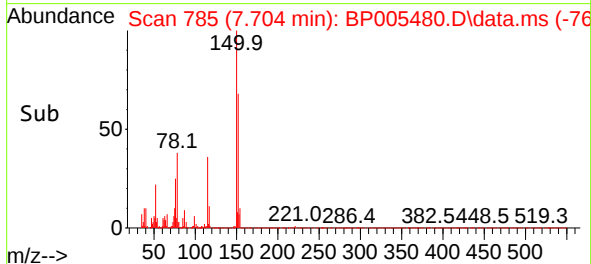
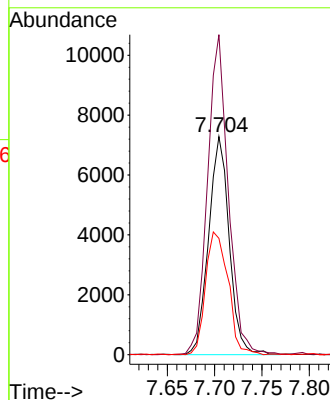
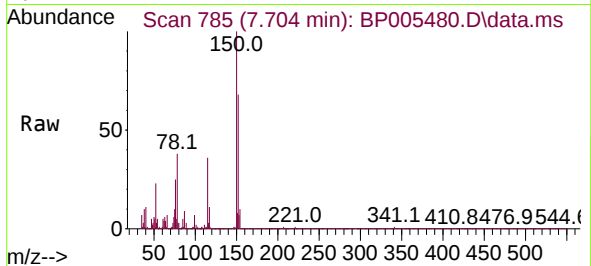




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.007 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

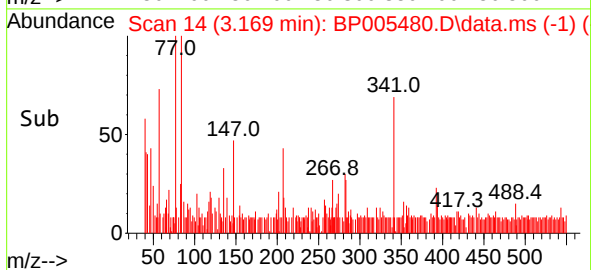
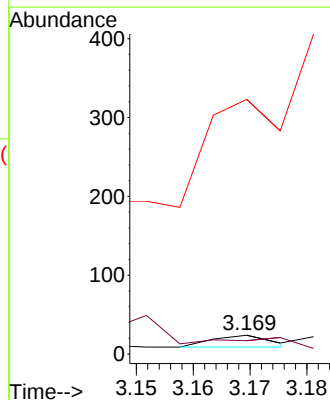
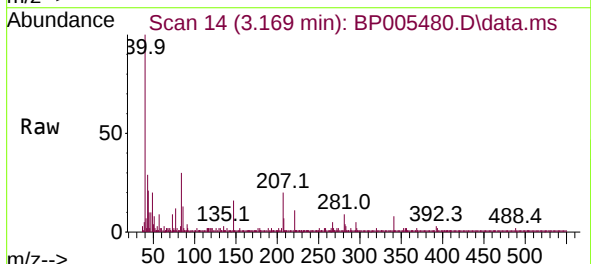
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BNA_P
ClientSampleId :
AST2-COPR3-1

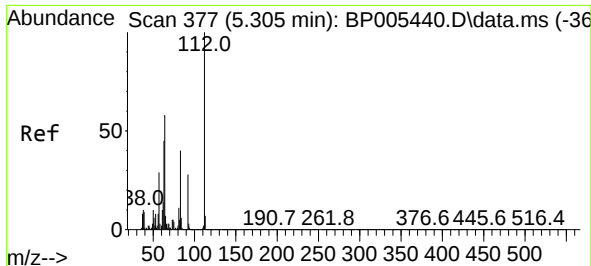
Tgt Ion:152 Resp: 11042
Ion Ratio Lower Upper
152 100
150 146.7 119.8 179.8
115 53.3 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.169 min Scan# 14
Delta R.T. -0.024 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

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

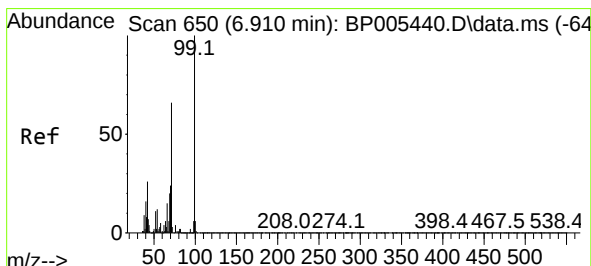
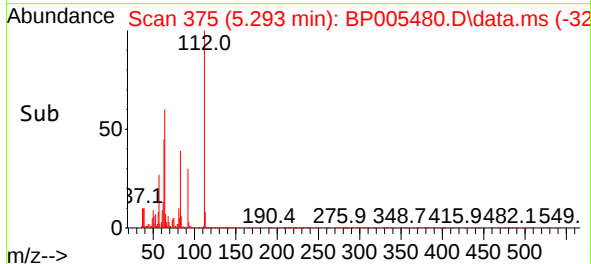
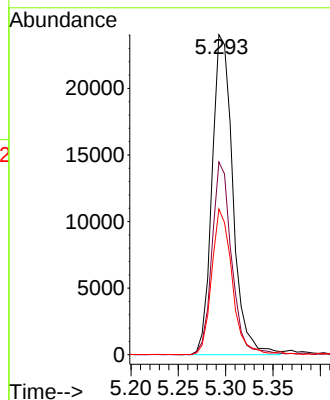
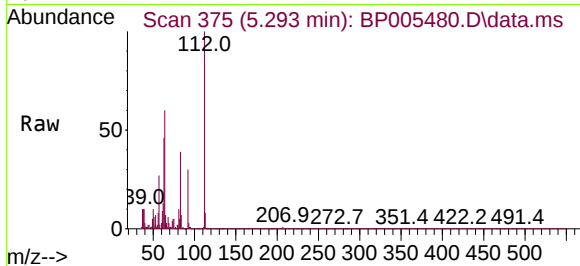




#5
2-Fluorophenol
Concen: 63.83 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

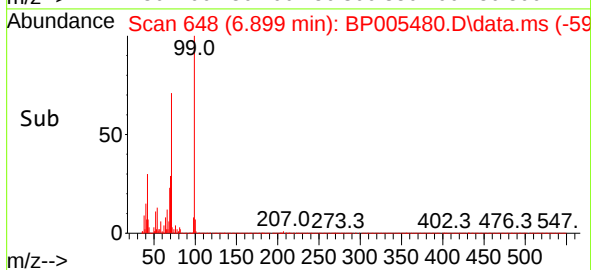
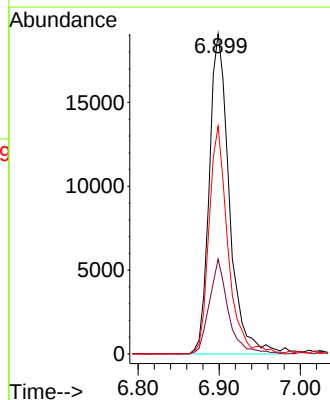
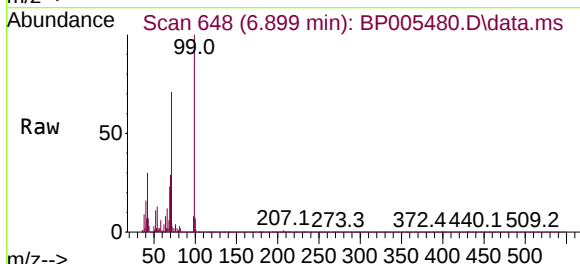
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

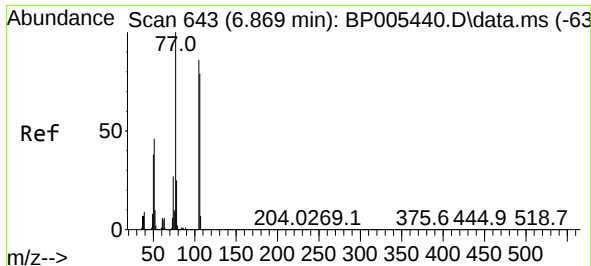
Tgt Ion:112 Resp: 36725
Ion Ratio Lower Upper
112 100
64 60.2 33.6 50.4#
63 45.5 18.6 27.8#



#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

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#

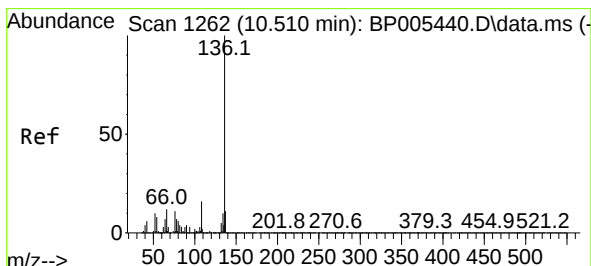
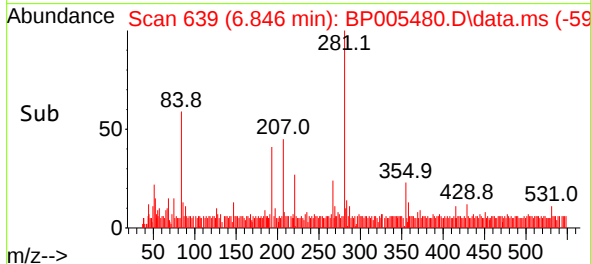
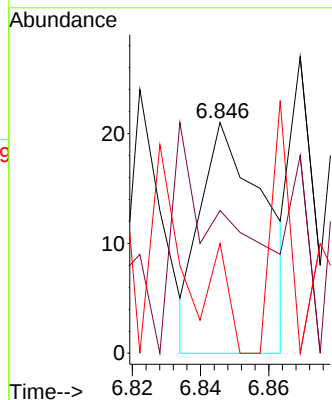
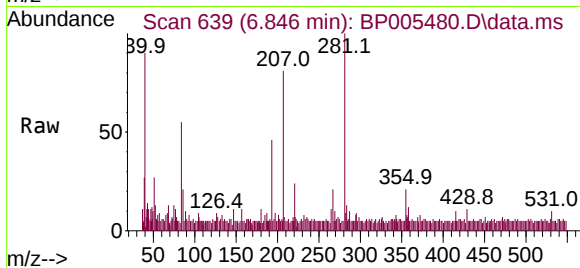




#9
Benzaldehyde
Concen: Below Cal
RT: 6.846 min Scan# 639
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

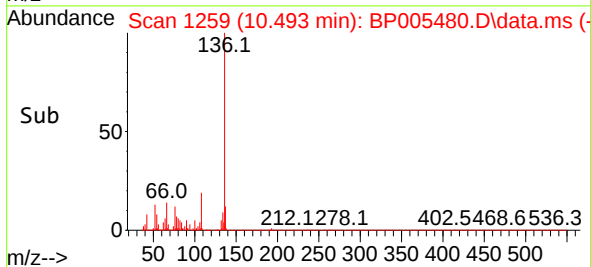
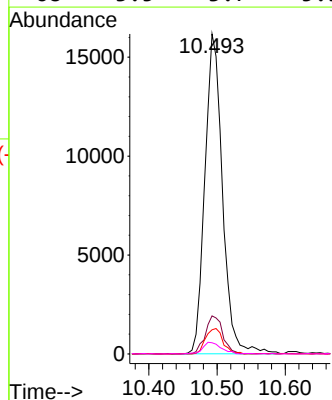
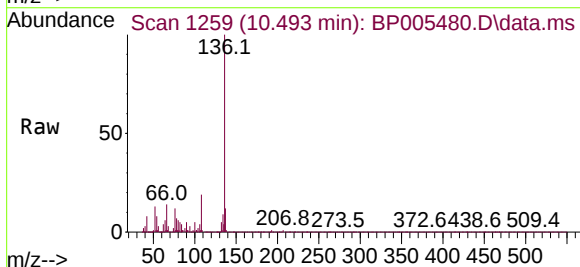
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

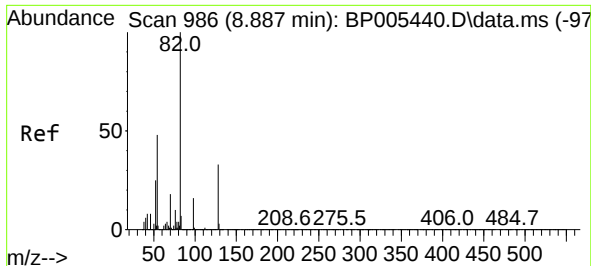
Tgt Ion: 77 Resp: 27
Ion Ratio Lower Upper
77 100
105 41.9 89.4 129.4#
106 32.3 79.9 119.9#



#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#

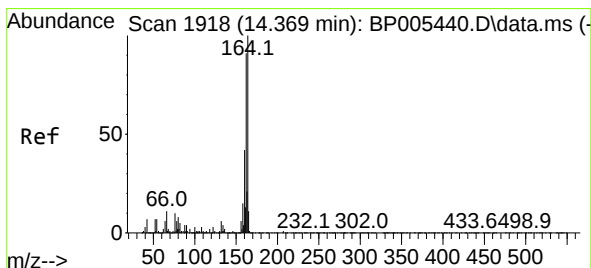
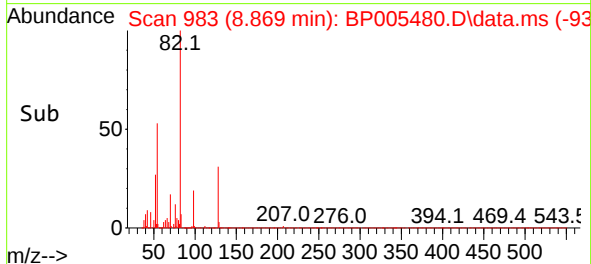
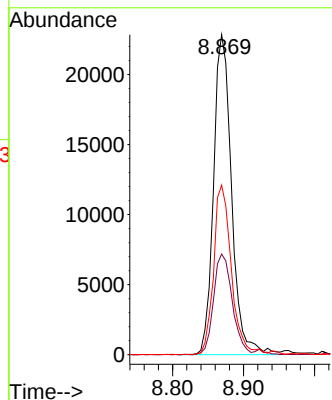
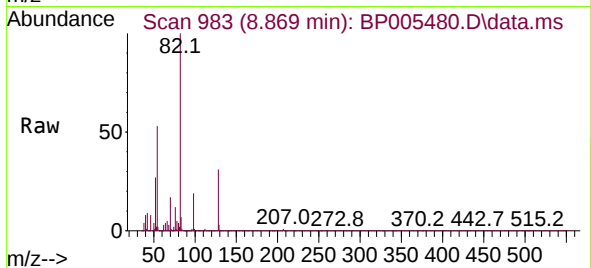




#23
Nitrobenzene-d5
Concen: 54.40 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

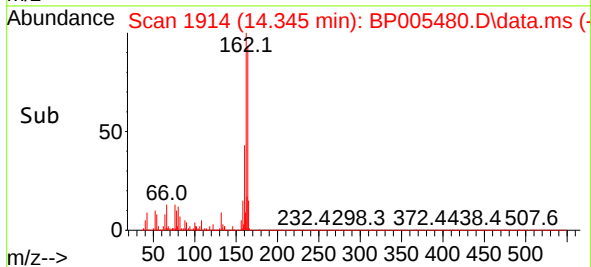
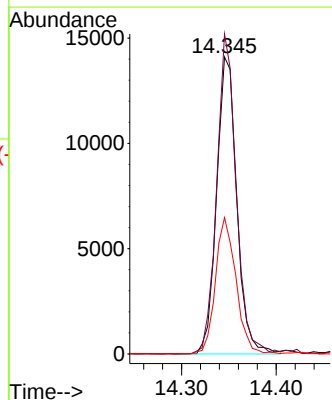
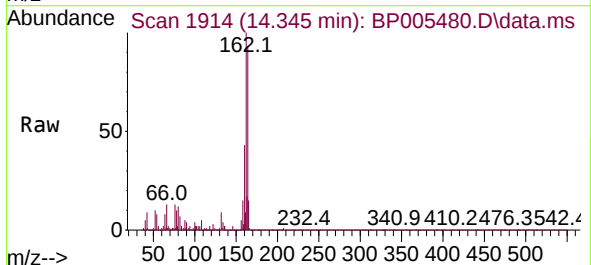
Instrument :
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ClientSampleId :
AST2-COPR3-1

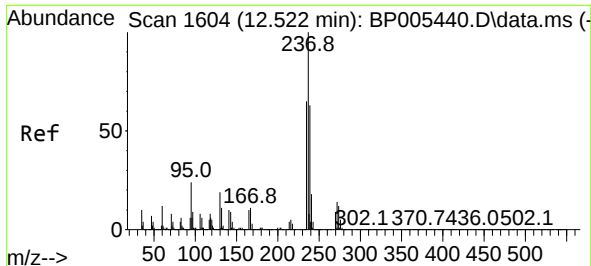
Tgt Ion: 82 Resp: 40249
Ion Ratio Lower Upper
82 100
128 31.4 30.5 45.7
54 53.0 33.9 50.9#



#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

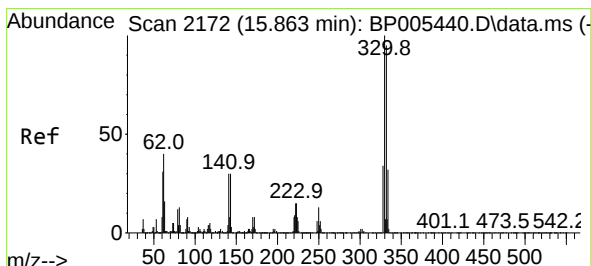
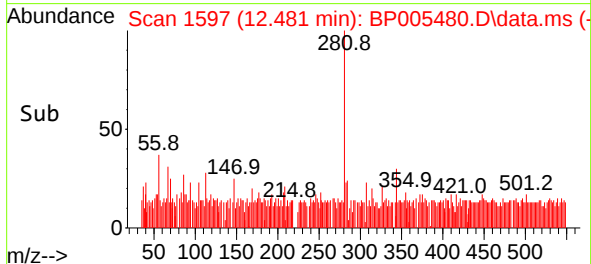
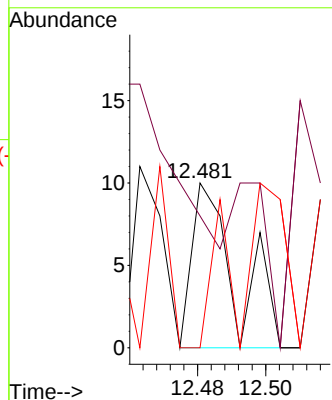
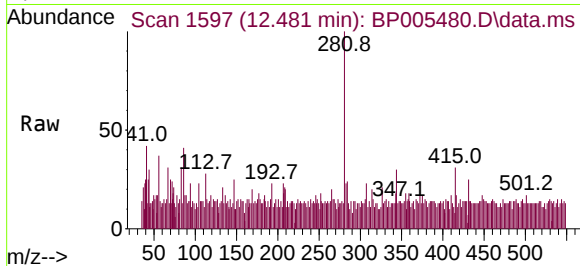




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.481 min Scan# 1597
Delta R.T. -0.030 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

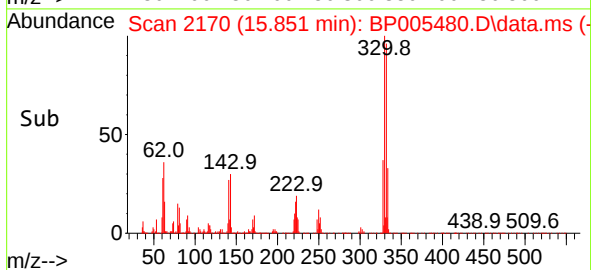
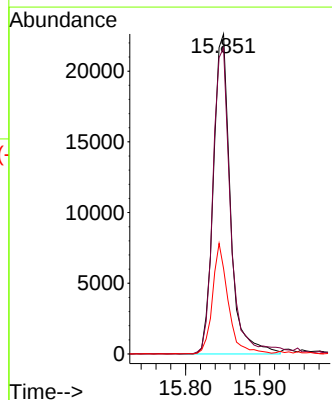
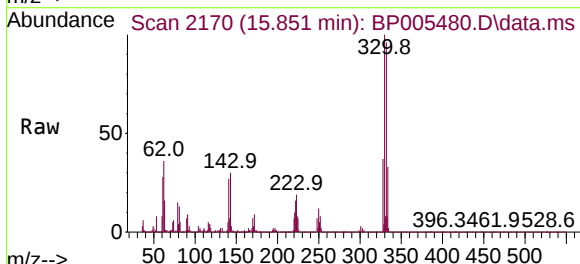
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

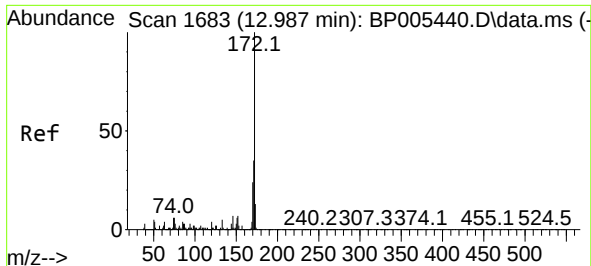
Tgt Ion:	237	Resp:	9
Ion	Ratio	Lower	Upper
237	100		
235	80.0	40.9	80.9
272	0.0	0.0	34.6



#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

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

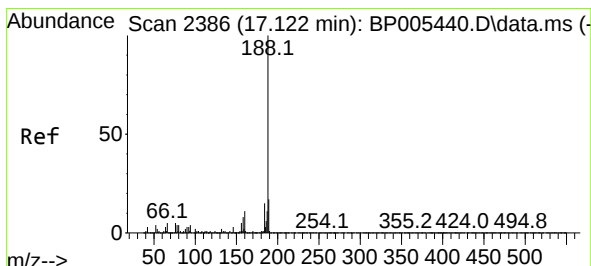
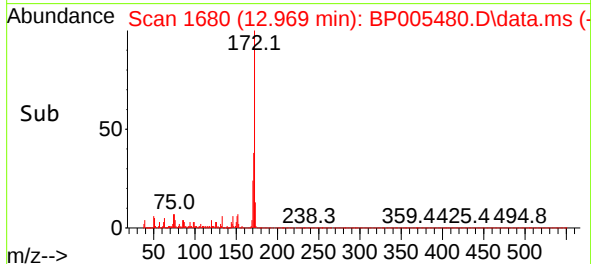
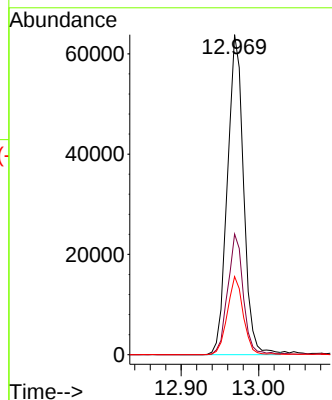
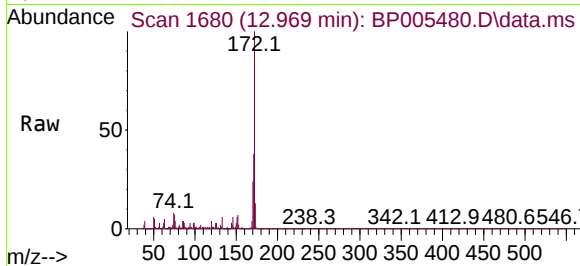




#45
2-Fluorobiphenyl
Concen: 49.94 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

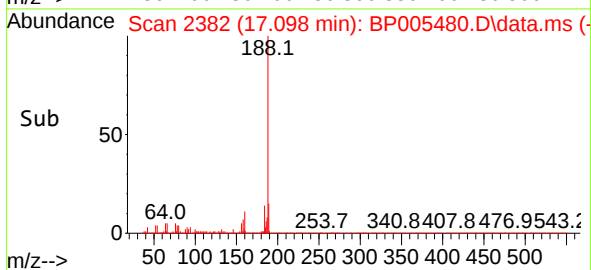
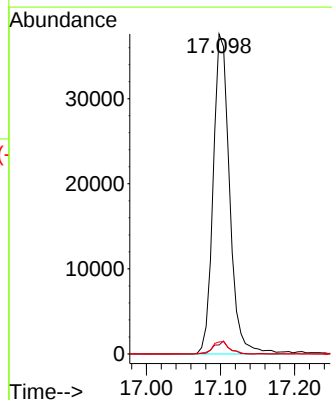
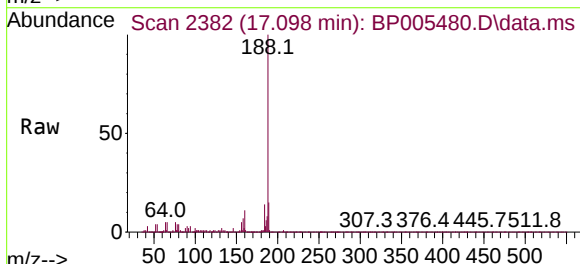
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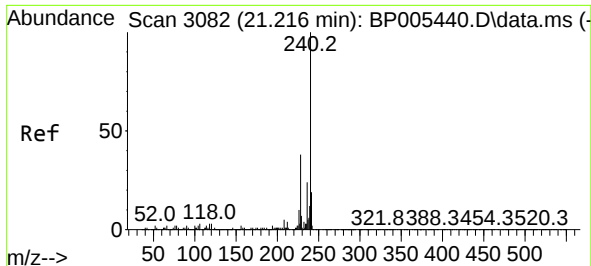
Tgt Ion:172	Resp:	92640
Ion Ratio	Lower	Upper
172	100	
171	37.7	28.1 42.1
170	24.4	19.6 29.4



#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

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#

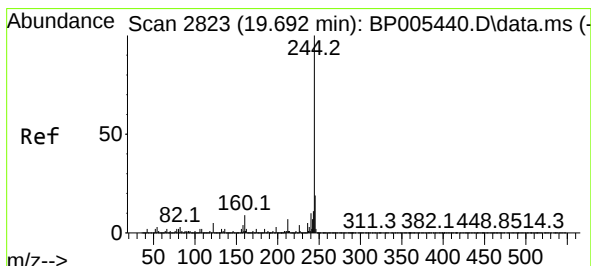
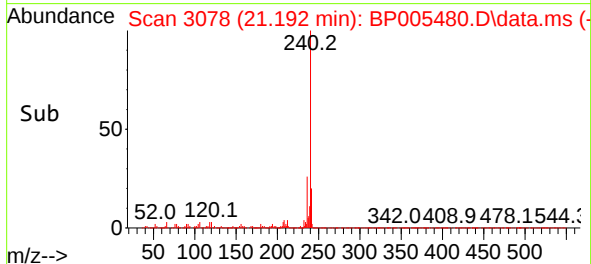
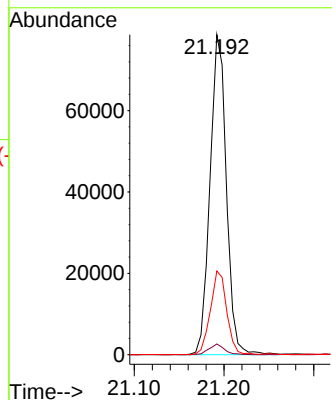
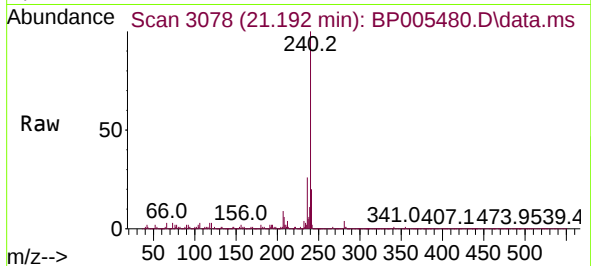




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BP005480.D
Acq: 10 May 2021 21:41

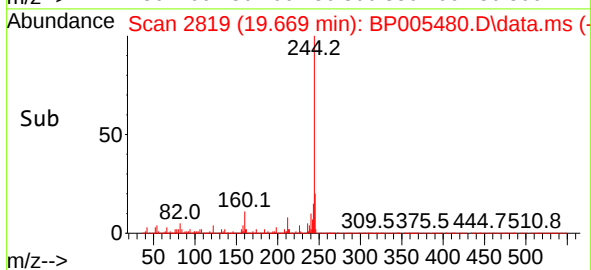
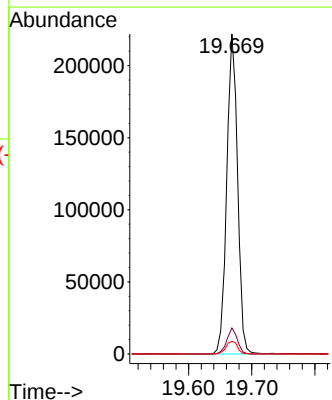
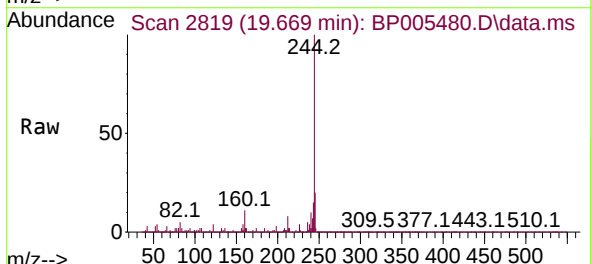
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

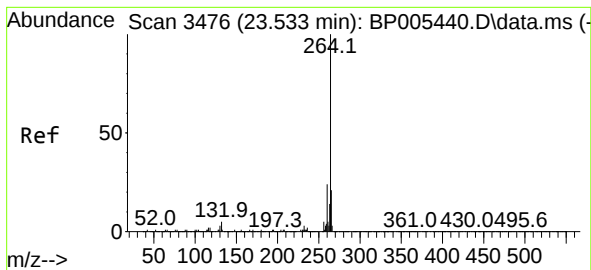
Tgt Ion:240 Resp: 99554
Ion Ratio Lower Upper
240 100
120 3.3 4.2 6.2#
236 26.2 20.2 30.2



#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

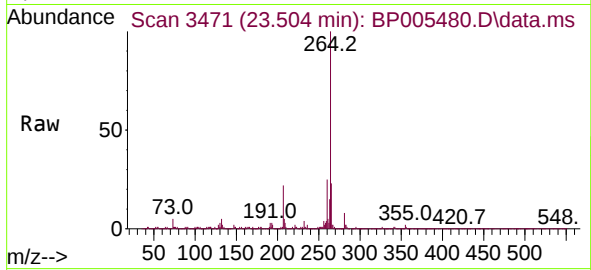
Tgt Ion:244 Resp: 263467
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.6
122 4.0 5.2 7.8#





#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

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR3-1



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

