

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005470.D
 Acq On : 10 May 2021 16:02
 Operator : CG/JU
 Sample : M2323-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR2-1

Quant Time: May 10 17:12:00 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	15212	20.00	ng	0.00
21) Naphthalene-d8	10.498	136	43175	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	29919	20.00	ng	-0.01
64) Phenanthrene-d10	17.104	188	78431	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	103032	20.00	ng	# 0.00
86) Perylene-d12	23.509	264	138150	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	103882	131.06	ng	0.00
7) Phenol-d6	6.899	99	92522	93.61	ng	0.00
23) Nitrobenzene-d5	8.869	82	103889	94.71	ng	-0.01
42) 2,4,6-Tribromophenol	15.845	330	129257	152.24	ng	-0.01
45) 2-Fluorobiphenyl	12.975	172	241631	91.10	ng	0.00
79) Terphenyl-d14	19.674	244	587524	96.84	ng	0.00

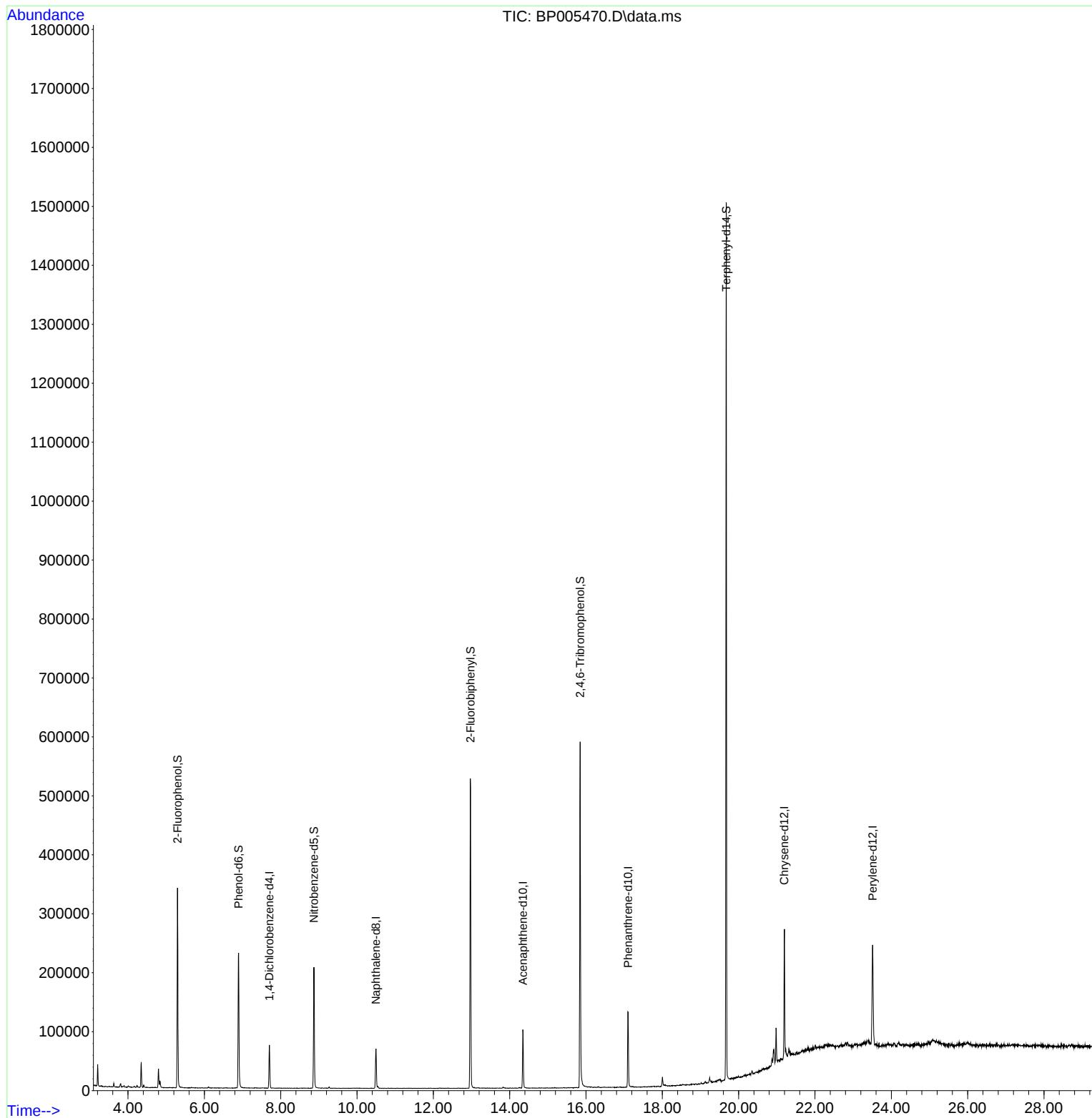
Target Compounds	Qvalue

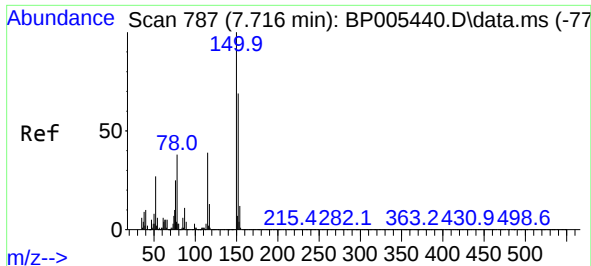
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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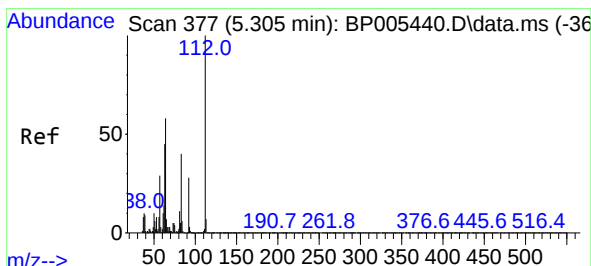
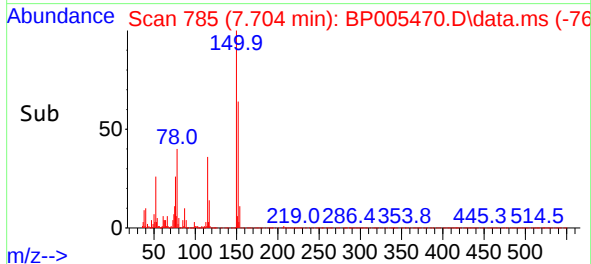
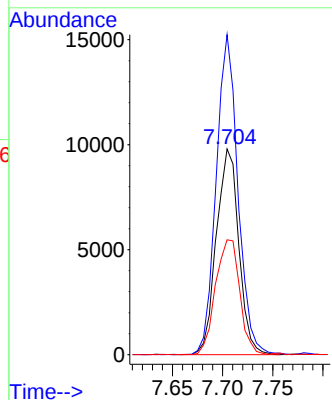
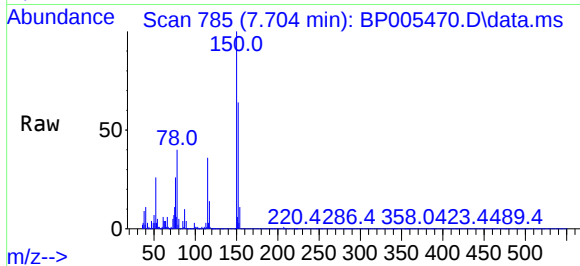




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.007 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

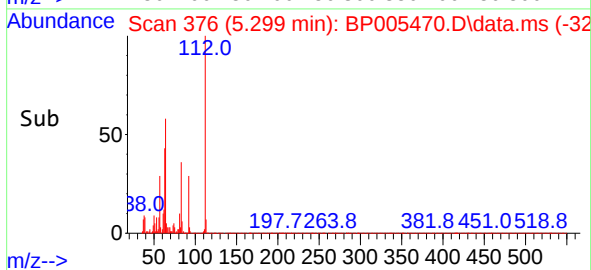
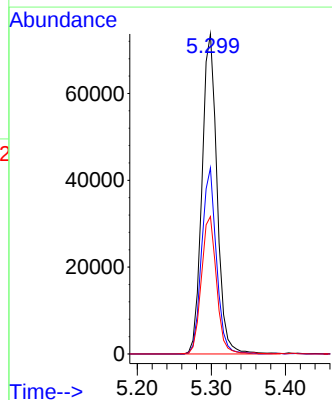
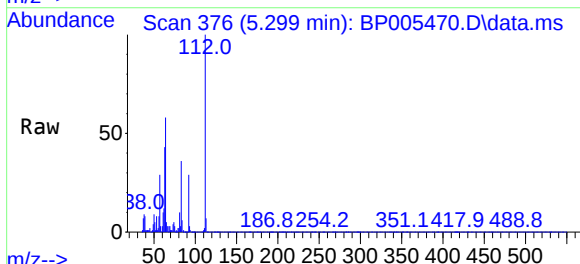
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BNA_P
ClientSampleId :
AST2-COPR2-1

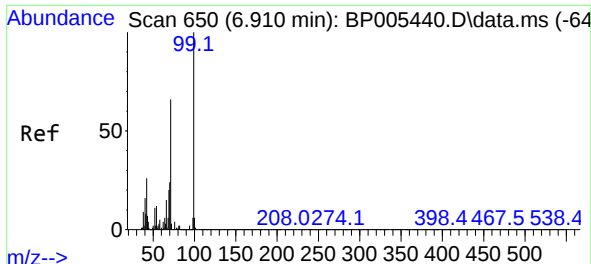
Tgt Ion:152 Resp: 15212
Ion Ratio Lower Upper
152 100
150 155.5 119.8 179.8
115 55.8 49.0 73.4



#5
2-Fluorophenol
Concen: 131.06 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

Tgt Ion:112 Resp: 103882
Ion Ratio Lower Upper
112 100
64 58.1 33.6 50.4#
63 42.9 18.6 27.8#

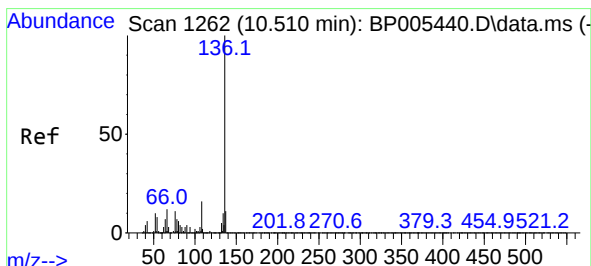
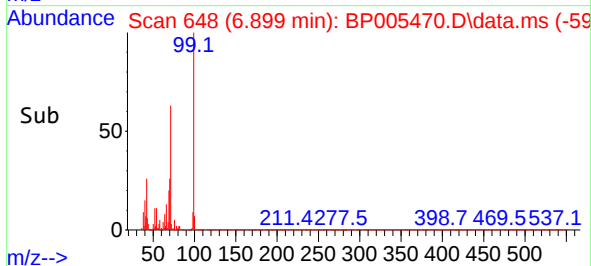
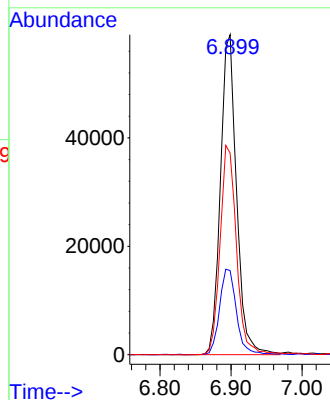
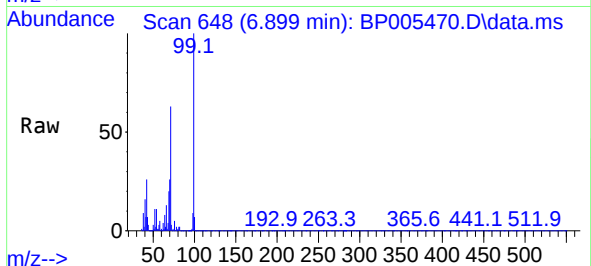




#7
Phenol-d6
Concen: 93.61 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

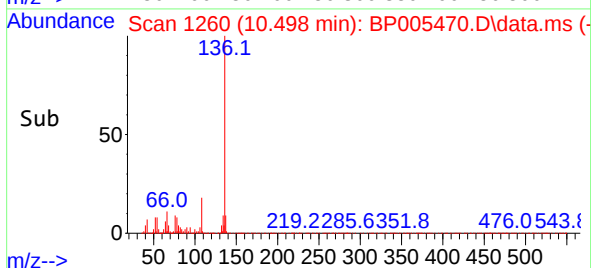
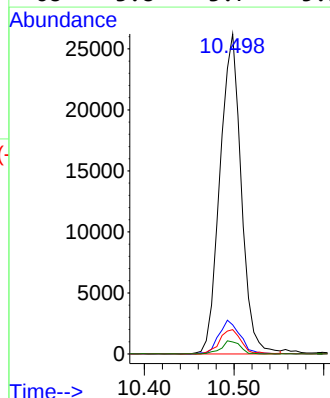
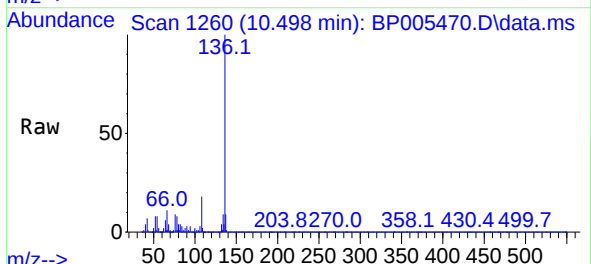
Instrument :
BNA_P
ClientSampleId :
AST2-COPR2-1

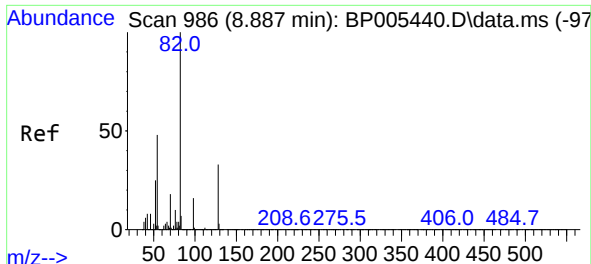
Tgt Ion: 99 Resp: 92522
Ion Ratio Lower Upper
99 100
42 26.3 12.9 19.3#
71 63.0 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

Tgt Ion: 136 Resp: 43175
Ion Ratio Lower Upper
136 100
137 9.1 8.9 13.3
54 7.6 5.0 7.4#
68 3.8 3.7 5.5

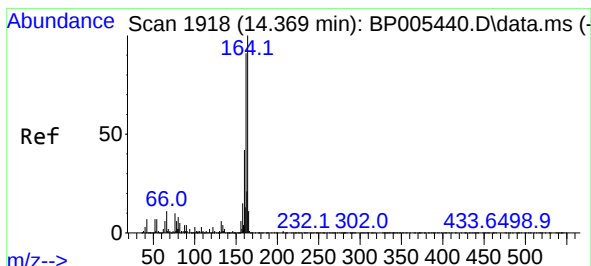
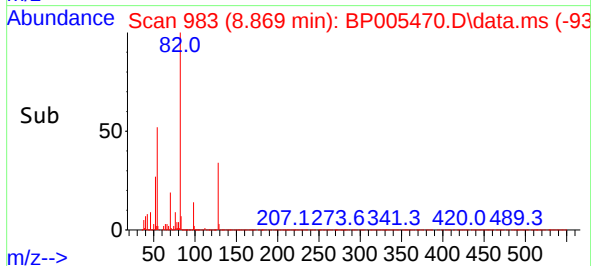
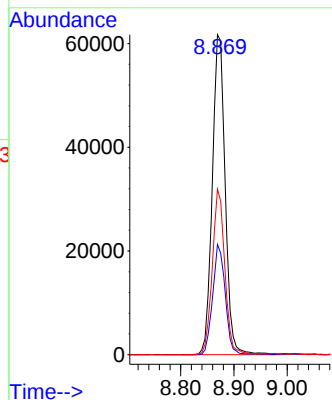
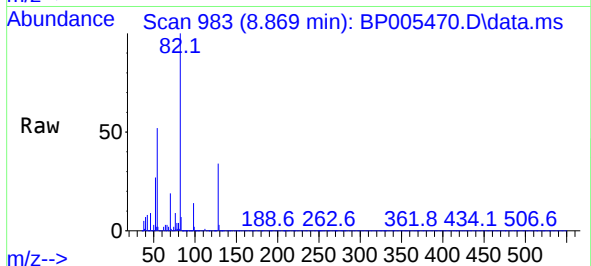




#23
Nitrobenzene-d5
Concen: 94.71 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

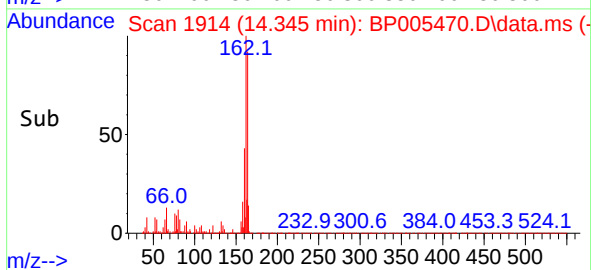
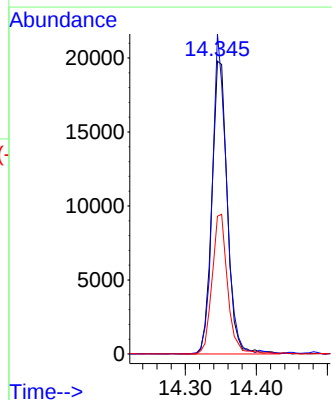
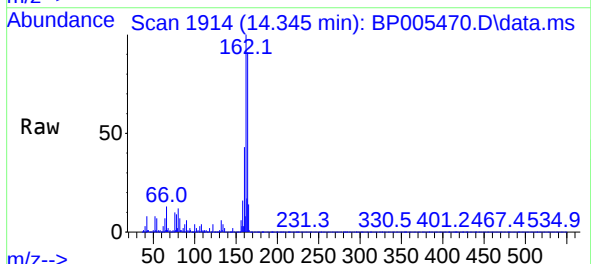
Instrument :
BNA_P
ClientSampleId :
AST2-COPR2-1

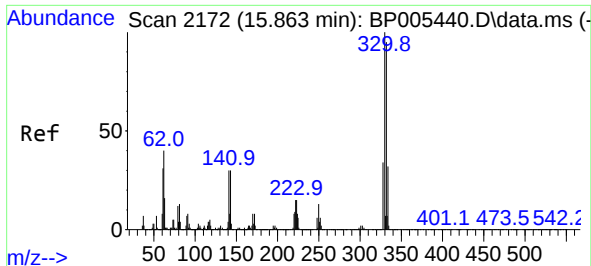
Tgt Ion: 82 Resp: 103889
Ion Ratio Lower Upper
82 100
128 34.4 30.5 45.7
54 51.8 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

Tgt Ion: 164 Resp: 29919
Ion Ratio Lower Upper
164 100
162 109.3 73.5 110.3
160 47.1 40.6 61.0

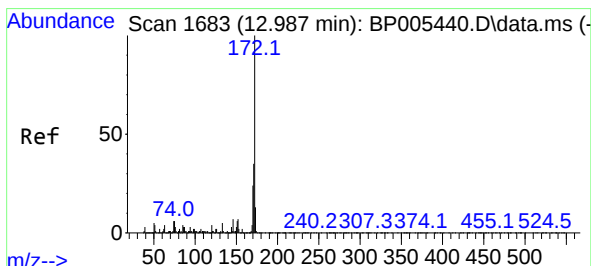
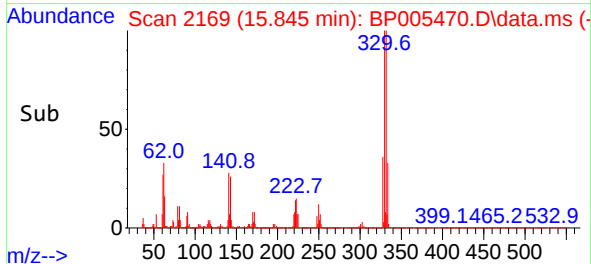
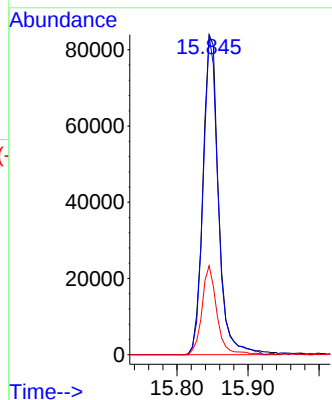
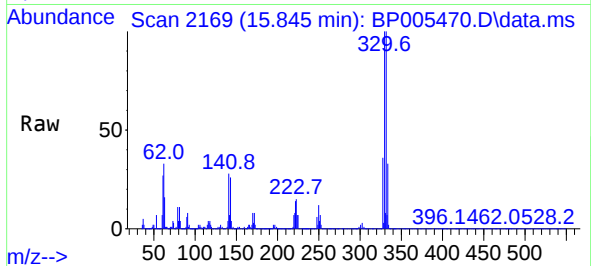




#42
2,4,6-Tribromophenol
Concen: 152.24 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

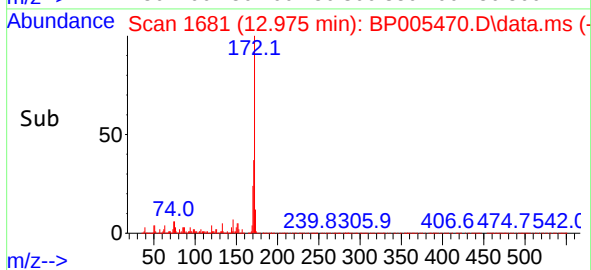
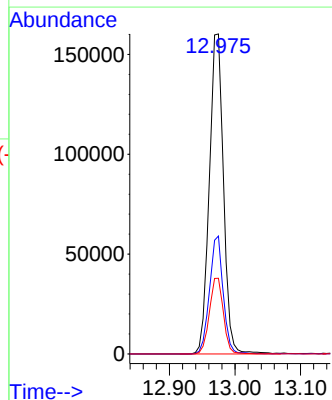
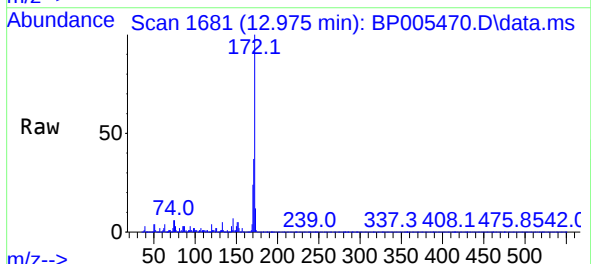
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ClientSampleId :
AST2-COPR2-1

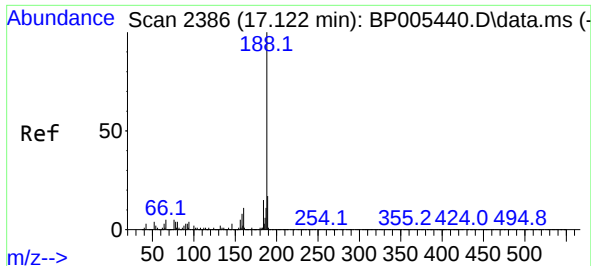
Tgt Ion:	330	Resp:	129257
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.3	114.5
141	26.3	22.8	34.2



#45
2-Fluorobiphenyl
Concen: 91.10 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

Tgt Ion:	172	Resp:	241631
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.1	42.1
170	23.7	19.6	29.4

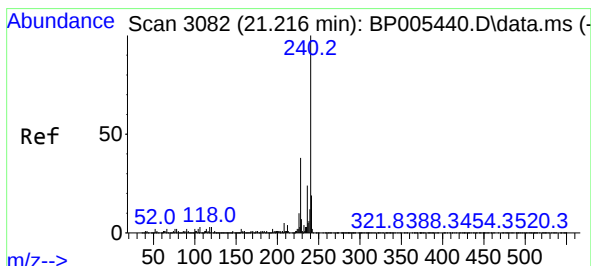
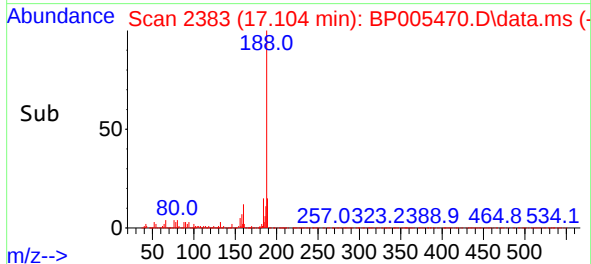
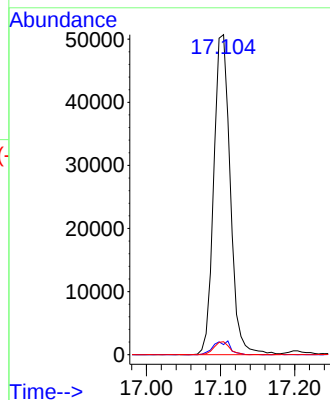
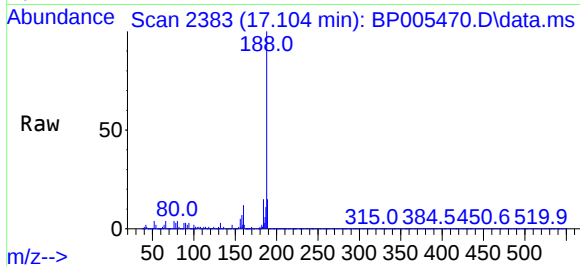




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

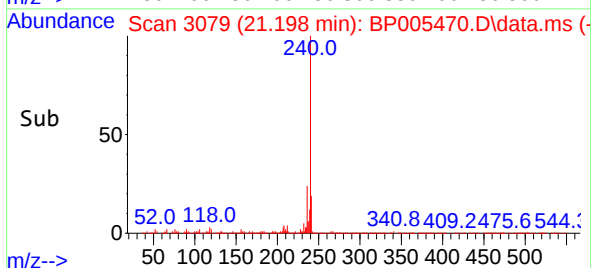
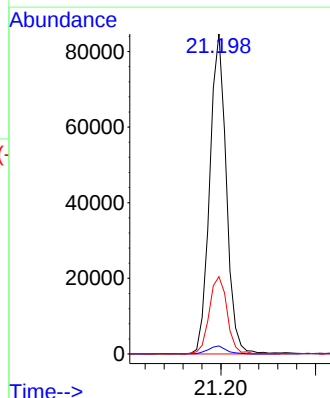
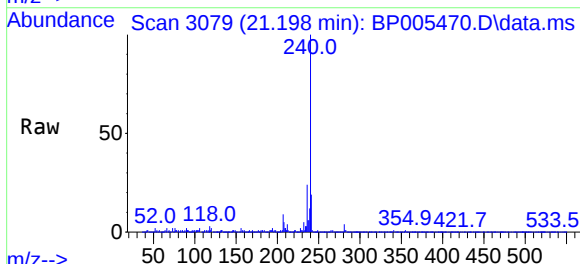
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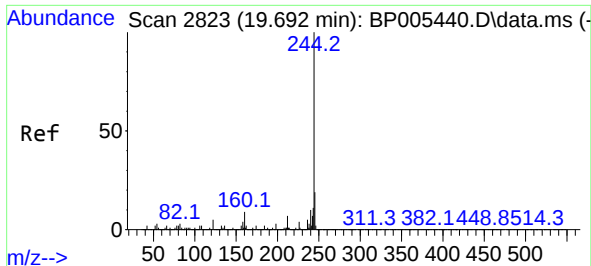
Tgt Ion:188 Resp: 78431
Ion Ratio Lower Upper
188 100
94 3.1 5.0 7.6#
80 4.0 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

Tgt Ion:240 Resp: 103032
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 24.2 20.2 30.2

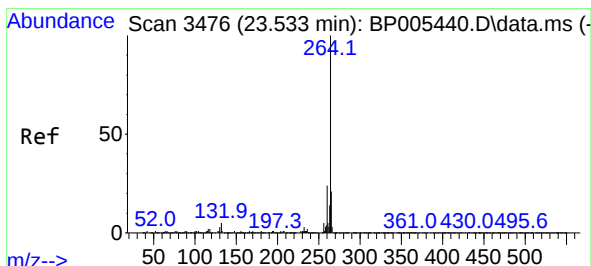
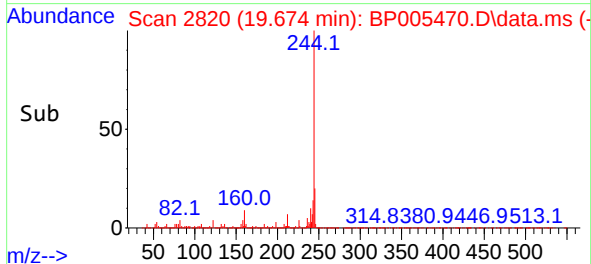
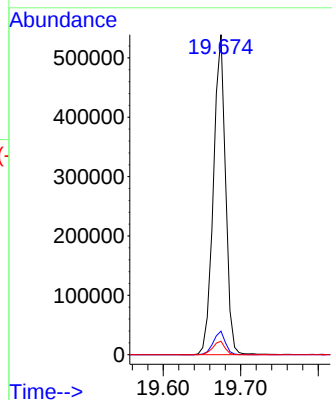
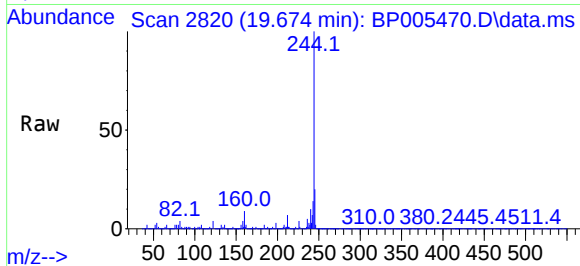




#79
Terphenyl-d14
Concen: 96.84 ng
RT: 19.674 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

Instrument :
BNA_P
ClientSampleId :
AST2-COPR2-1

Tgt Ion:244 Resp: 587524
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 4.2 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.509 min Scan# 3472
Delta R.T. -0.012 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

Tgt Ion:264 Resp: 138150
Ion Ratio Lower Upper
264 100
260 22.6 20.6 30.8
265 22.7 19.0 28.6

