

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)

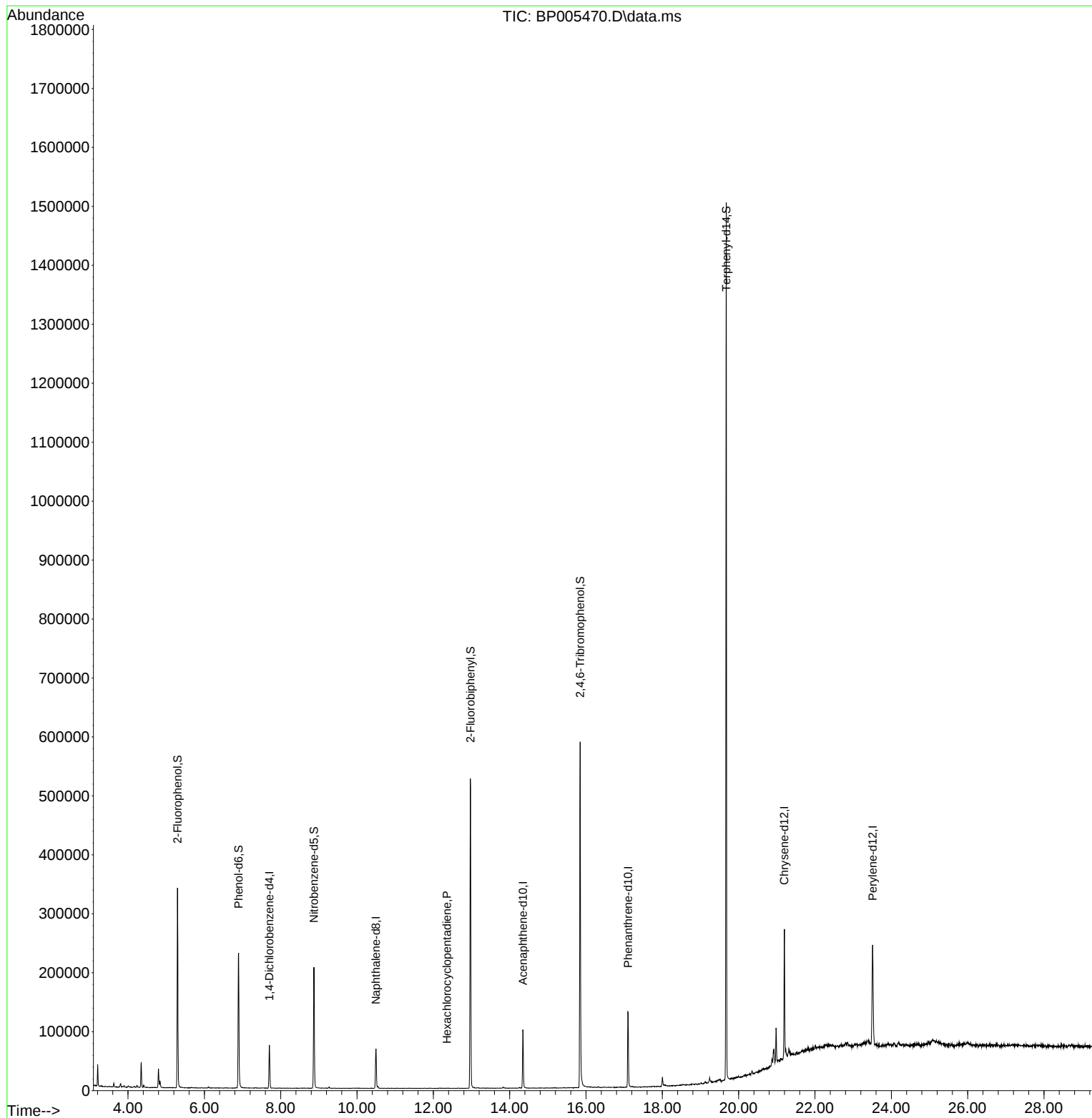
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	15212	20.00	ng	0.00
21) Naphthalene-d8	10.498	136	43175	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	29919	20.00	ng	-0.01
64) Phenanthrene-d10	17.104	188	78431	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	103032	20.00	ng	# 0.00
86) Perylene-d12	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
2) 1,4-Dioxane	3.193	88	94	Below Cal	#	1
9) Benzaldehyde	6.899	77	559	Below Cal	#	2
41) Hexachlorocyclopentadiene	12.357	237	10	7.89	ng	81

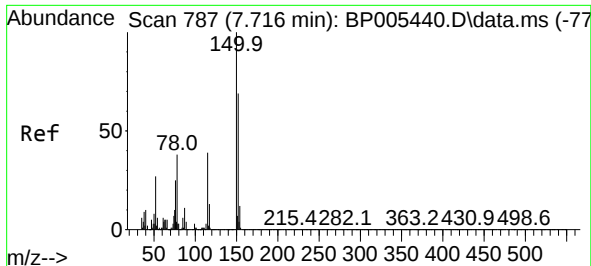
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

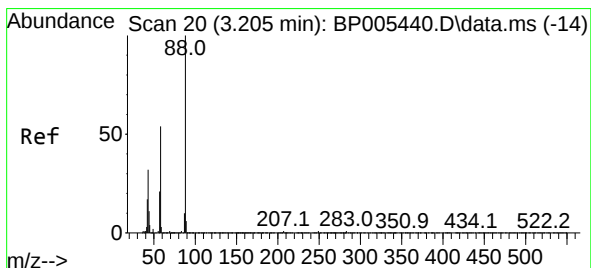
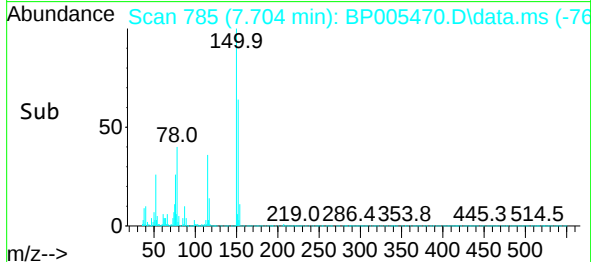
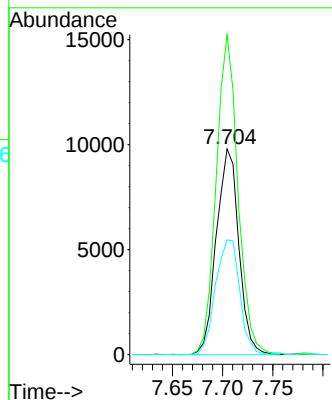
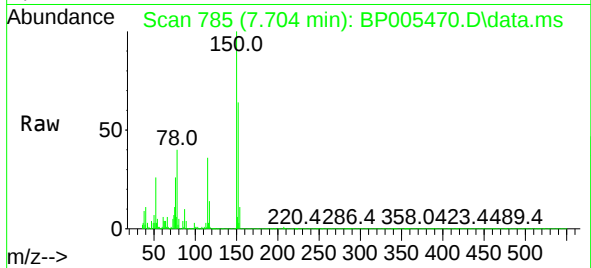




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.007 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

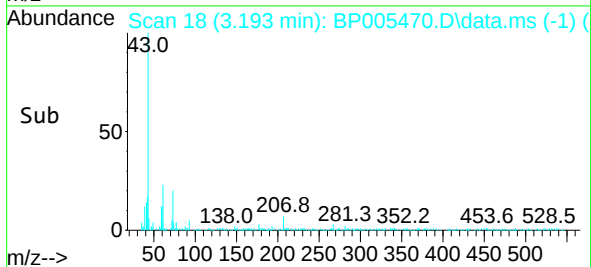
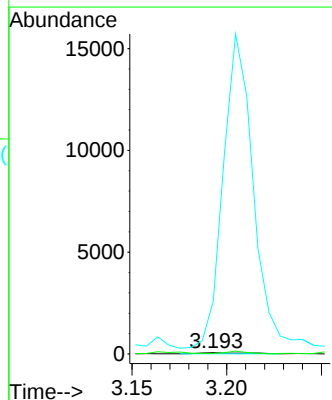
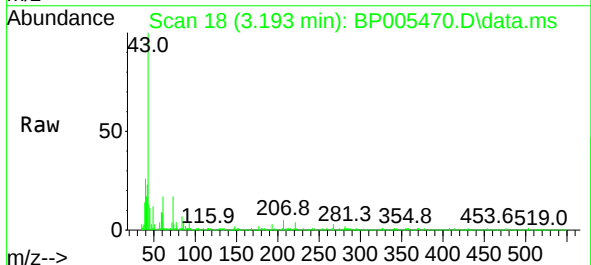
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BNA_P
ClientSampleId :
AST2-COPR2-1

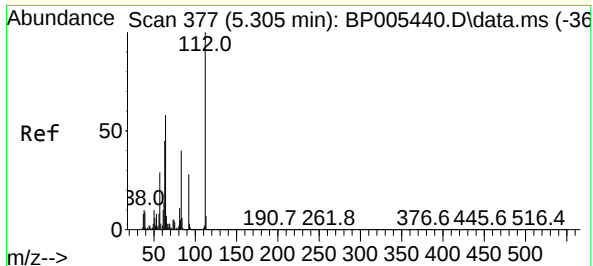
Tgt Ion:152 Resp: 15212
Ion Ratio Lower Upper
152 100
150 155.5 119.8 179.8
115 55.8 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.193 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
58 126.6 42.5 63.7#
43 18210.6 19.8 29.8#

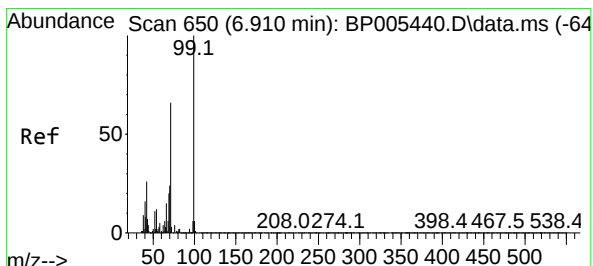
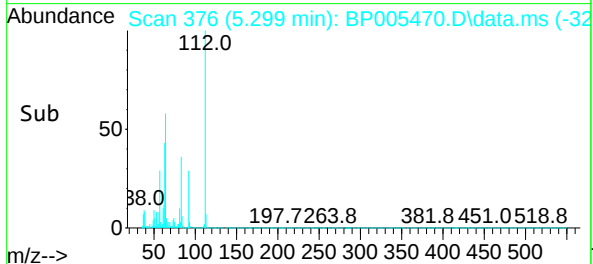
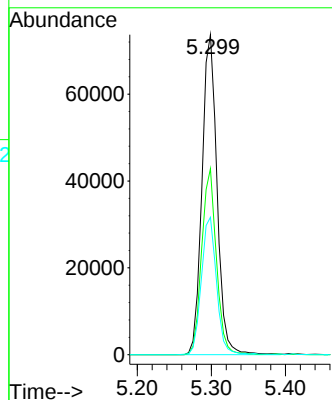
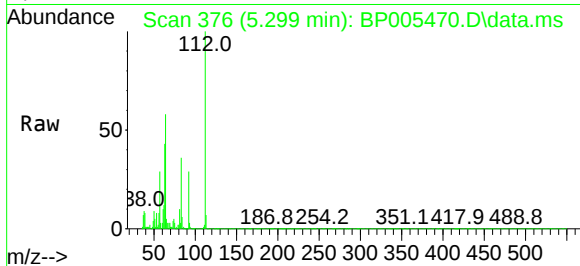




#5
2-Fluorophenol
Concen: 131.06 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

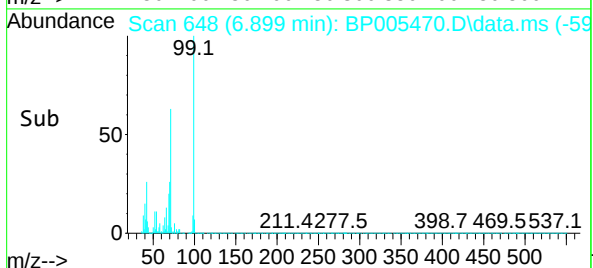
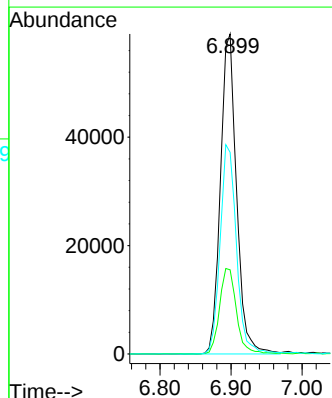
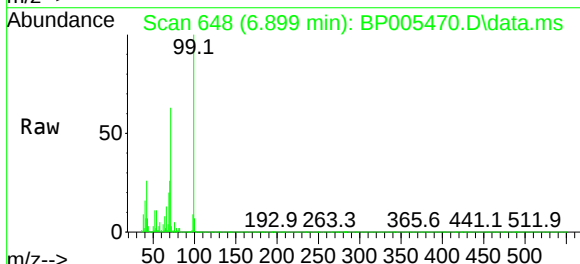
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BNA_P
ClientSampleId :
AST2-COPR2-1

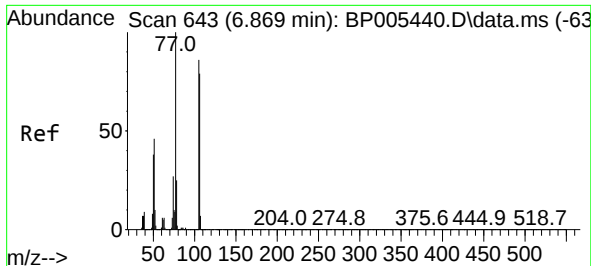
Tgt Ion:112 Resp: 103882
Ion Ratio Lower Upper
112 100
64 58.1 33.6 50.4#
63 42.9 18.6 27.8#



#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

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#

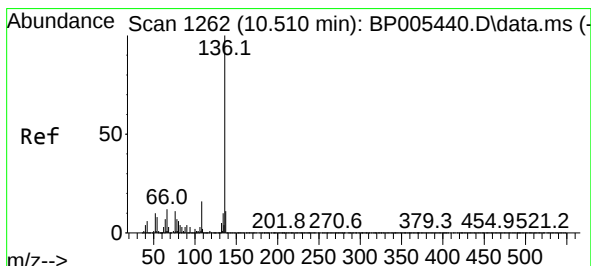
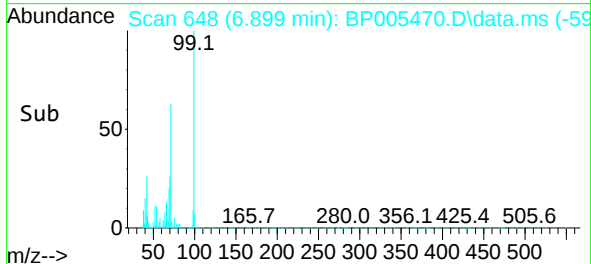
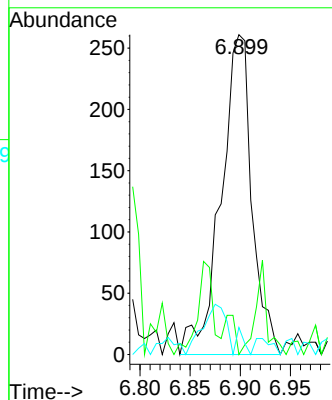
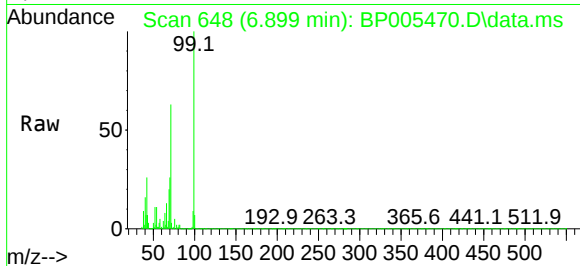




#9
Benzaldehyde
Concen: Below Cal
RT: 6.899 min Scan# 648
Delta R.T. 0.041 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

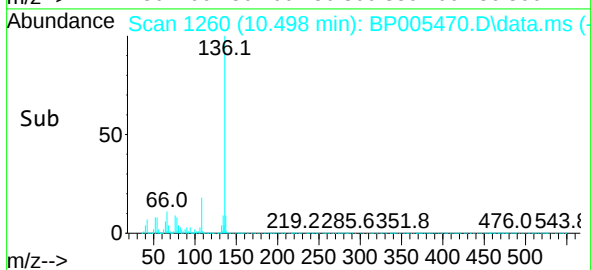
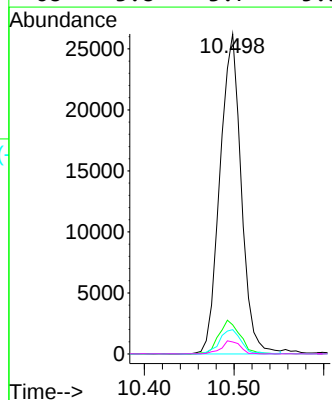
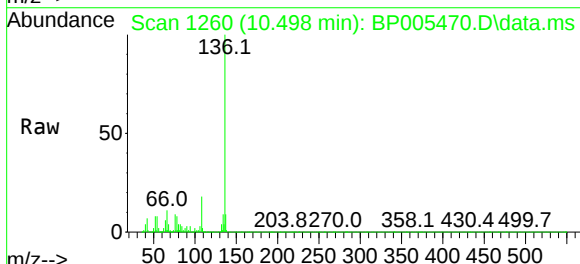
Instrument :
BNA_P
ClientSampleId :
AST2-COPR2-1

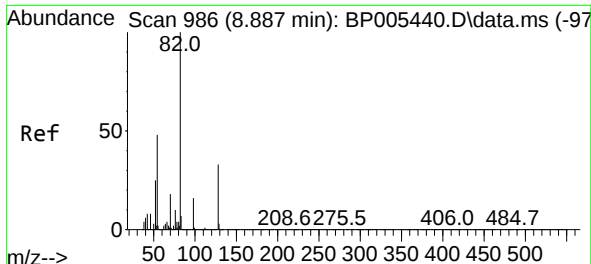
Tgt Ion: 77 Resp: 559
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 8.4 79.9 119.9#



#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

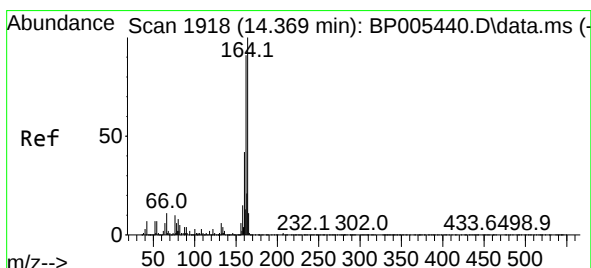
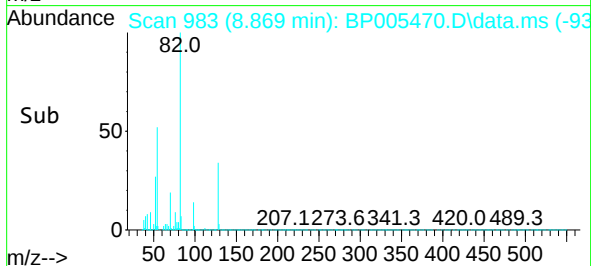
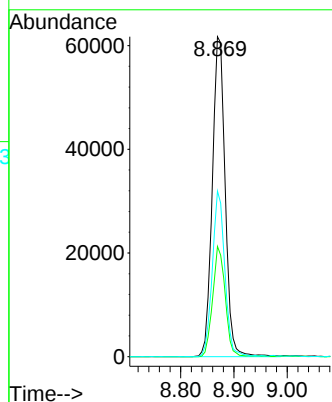
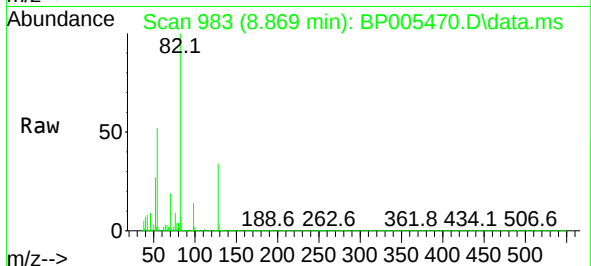




#23
Nitrobenzene-d5
Concen: 94.71 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

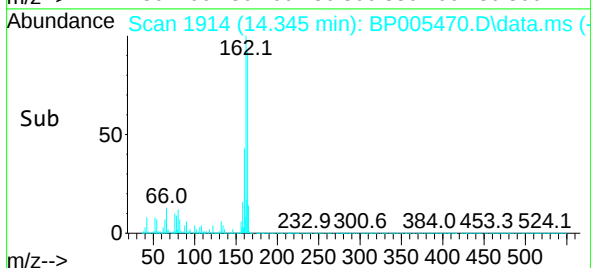
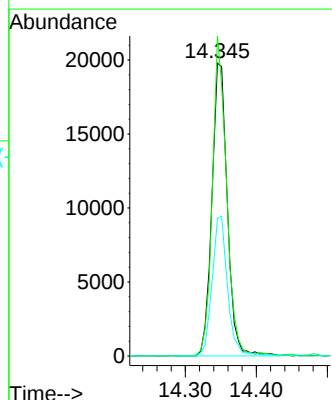
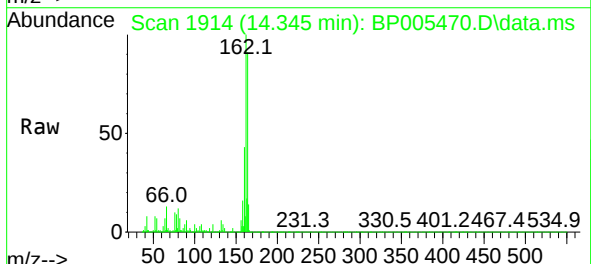
Instrument :
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ClientSampleId :
AST2-COPR2-1

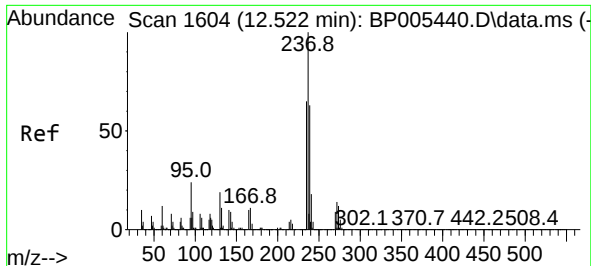
Tgt Ion: 82 Resp: 103889
Ion Ratio Lower Upper
82 100
128 34.4 30.5 45.7
54 51.8 33.9 50.9#



#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

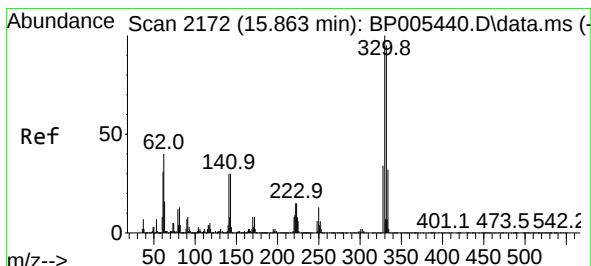
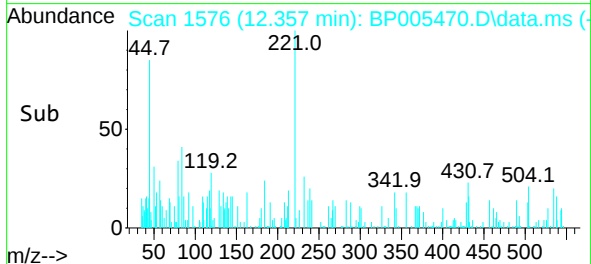
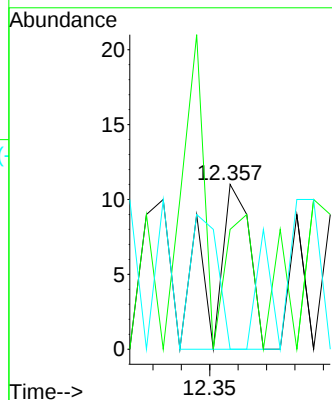
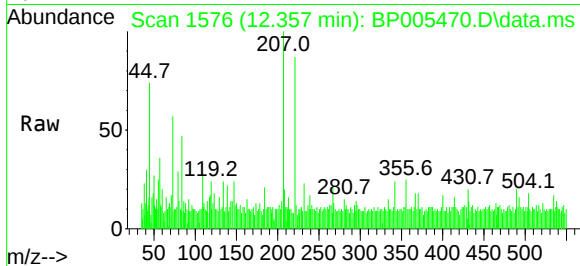




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.153 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

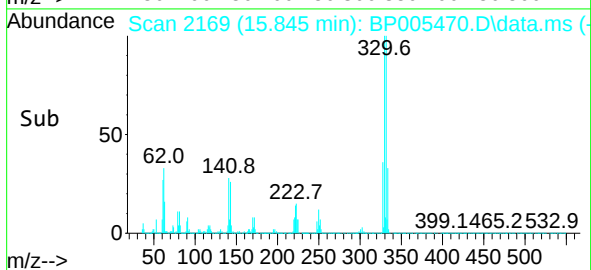
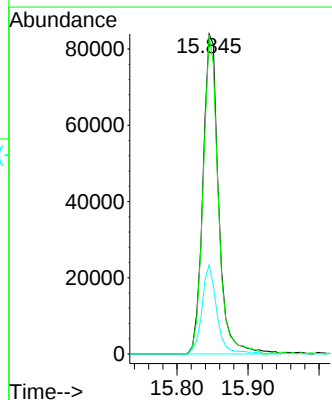
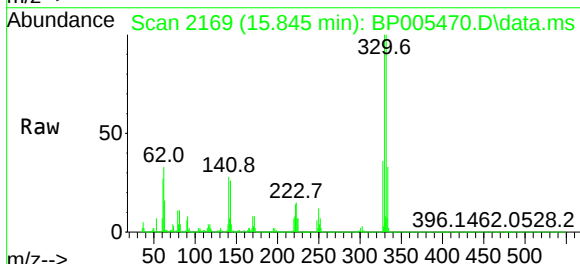
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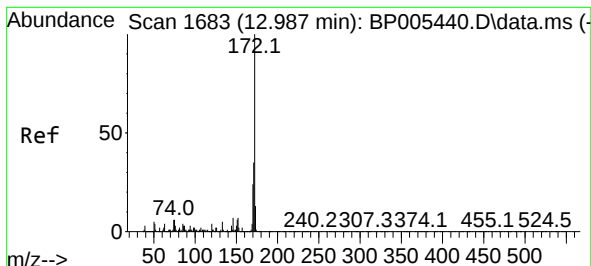
Tgt Ion:	237	Resp:	10
Ion	Ratio	Lower	Upper
237	100		
235	72.7	40.9	80.9
272	0.0	0.0	34.6



#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

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

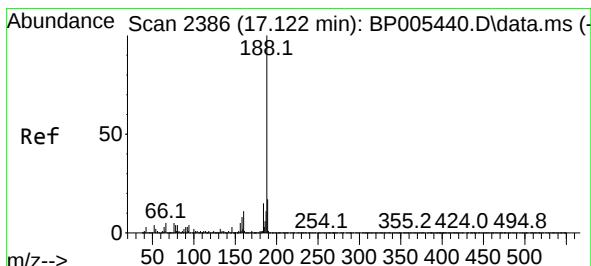
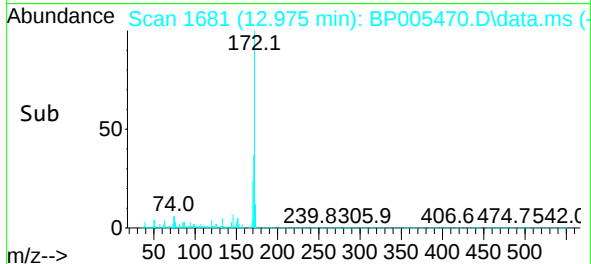
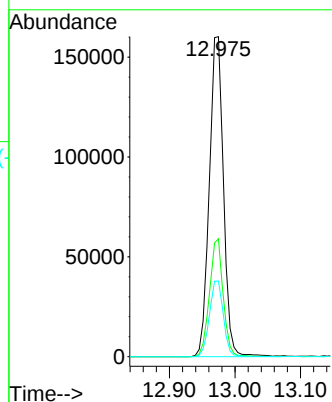
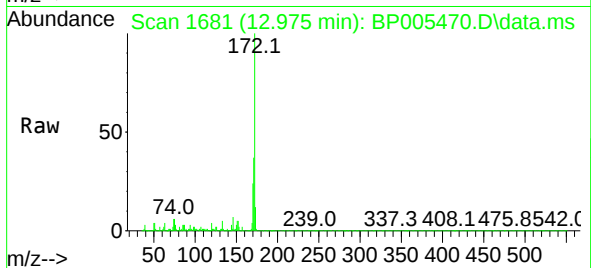




#45
2-Fluorobiphenyl
Concen: 91.10 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

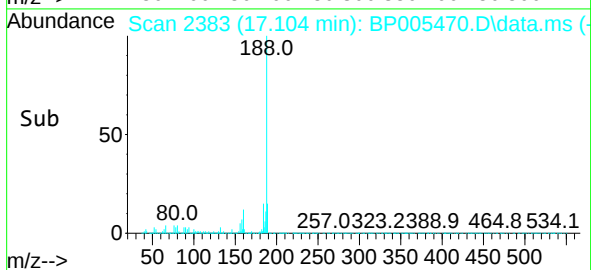
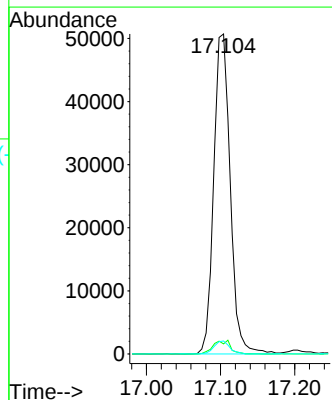
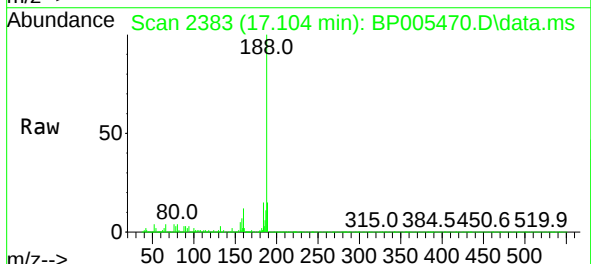
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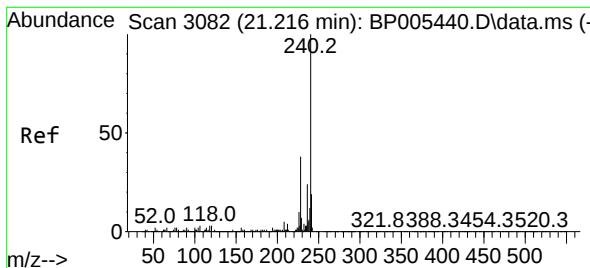
Tgt Ion:172 Resp: 241631
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.7 19.6 29.4



#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

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#

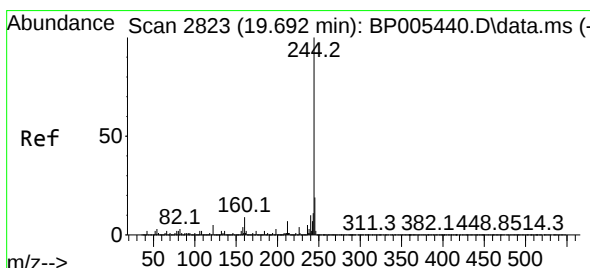
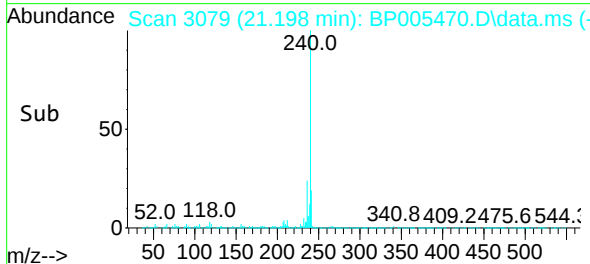
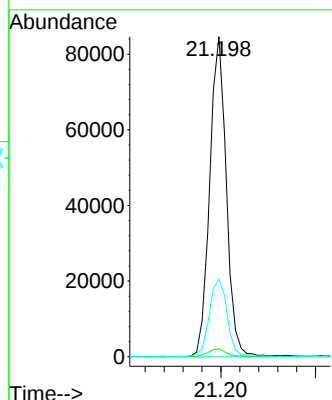
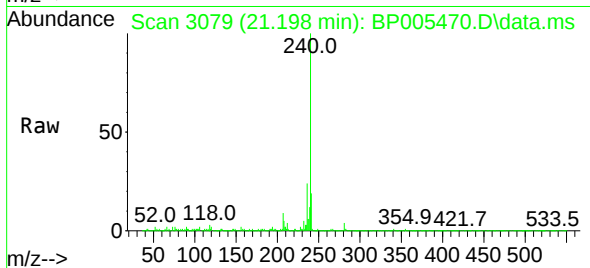




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005470.D
Acq: 10 May 2021 16:02

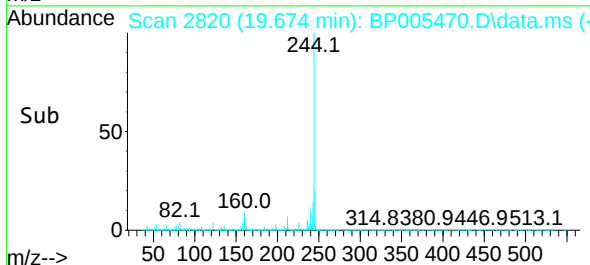
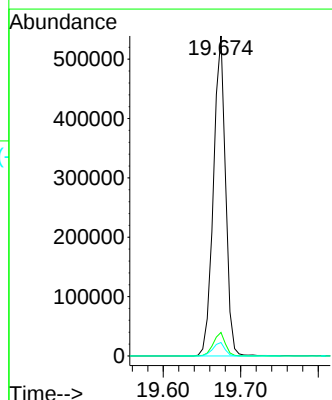
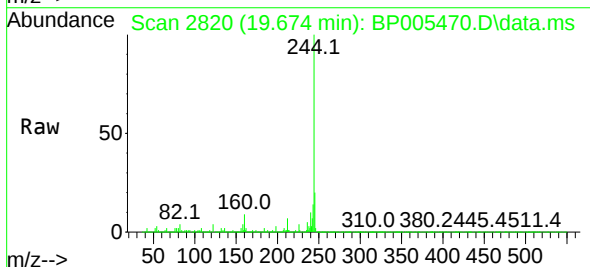
Instrument :
BNA_P
ClientSampleId :
AST2-COPR2-1

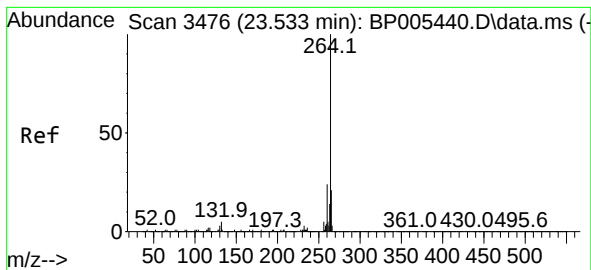
Tgt Ion:240 Resp: 103032
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 24.2 20.2 30.2



#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

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

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR2-1

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

