

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005469.D
 Acq On : 10 May 2021 15:28
 Operator : CG/JU
 Sample : M2323-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR3-1

Quant Time: May 10 17:11:40 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)

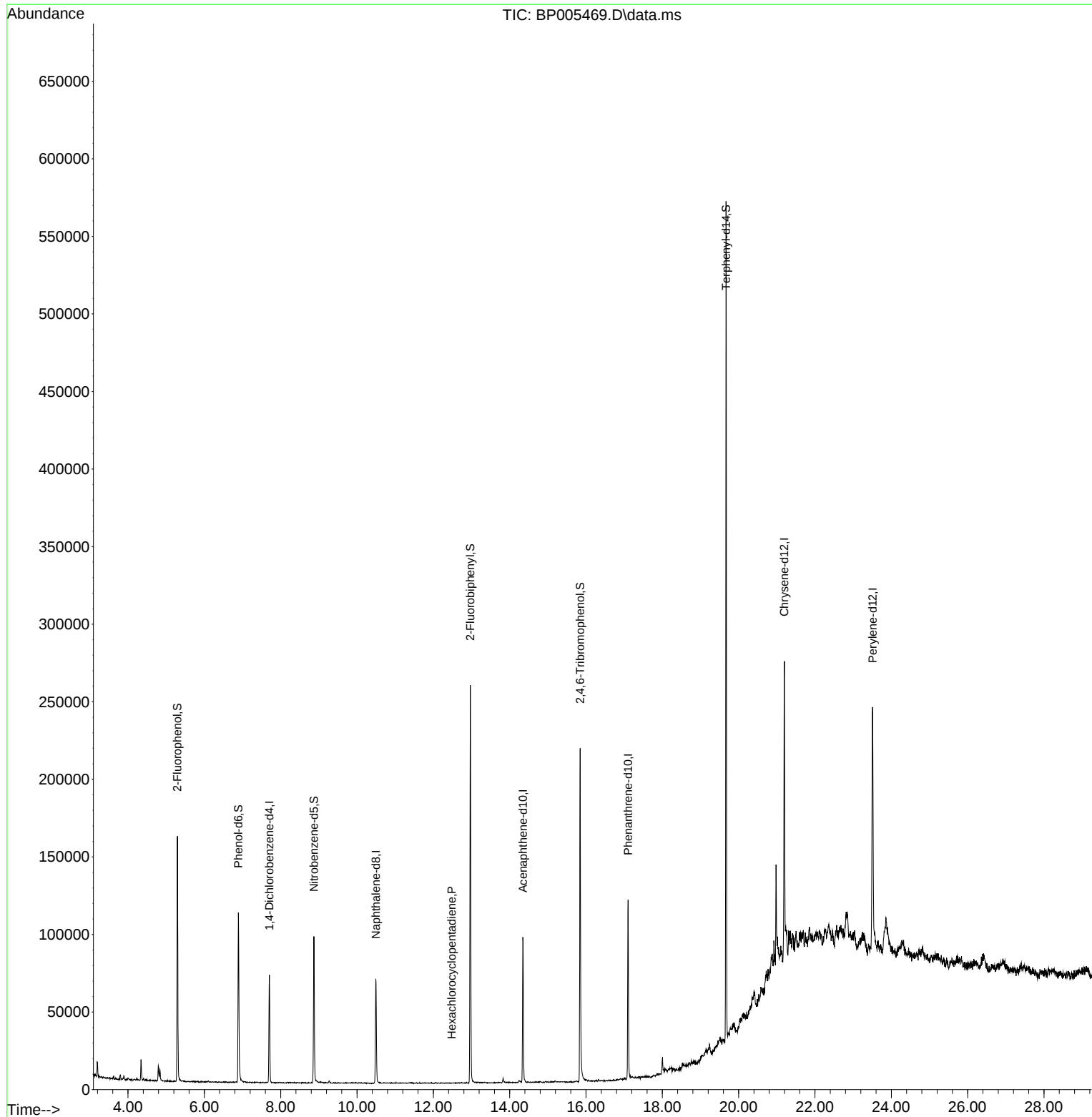
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	16155	20.00	ng	0.00
21) Naphthalene-d8	10.499	136	45462	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	30865	20.00	ng	#-0.01
64) Phenanthrene-d10	17.104	188	67324	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	84484	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	120188	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	50892	60.46	ng	0.00
7) Phenol-d6	6.893	99	46212	44.03	ng	0.00
23) Nitrobenzene-d5	8.869	82	49185	42.58	ng	-0.01
42) 2,4,6-Tribromophenol	15.845	330	45629	52.10	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	113616	41.52	ng	-0.01
79) Terphenyl-d14	19.669	244	215360	43.29	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	82	Below Cal	#	73
9) Benzaldehyde	6.834	77	13	Below Cal	#	72
41) Hexachlorocyclopentadiene	12.481	237	6	7.88	ng	81

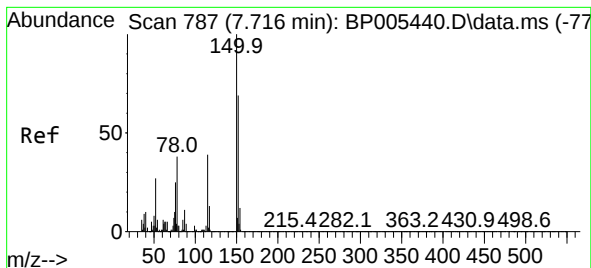
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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
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Response via : Initial Calibration

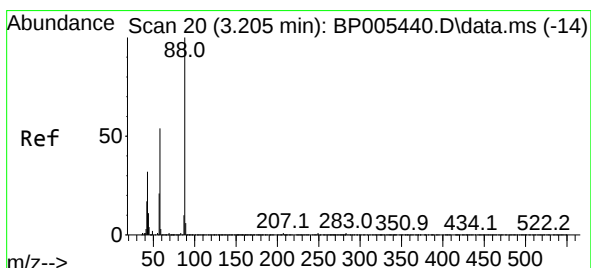
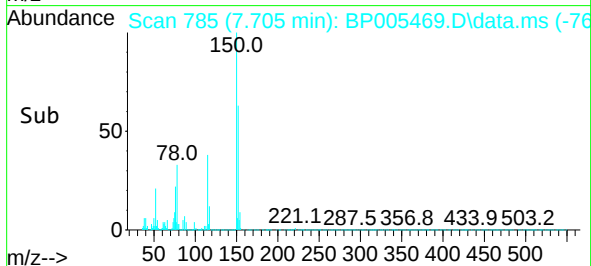
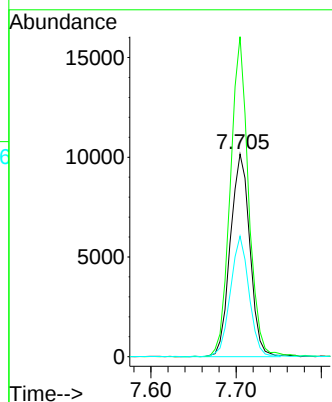
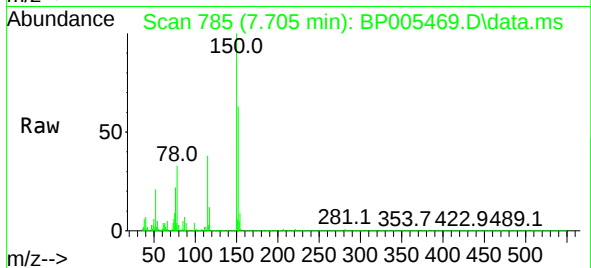




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

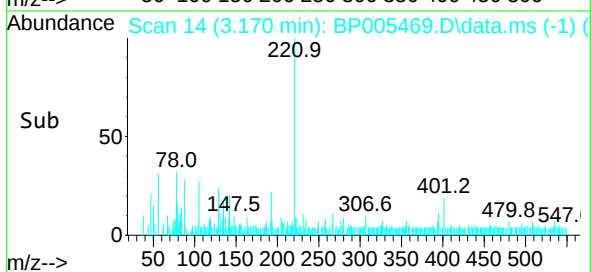
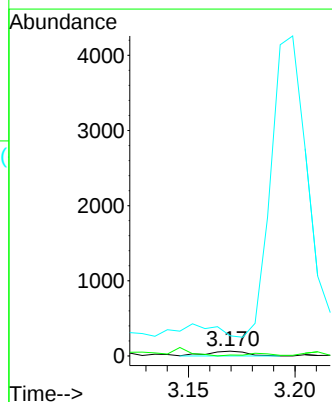
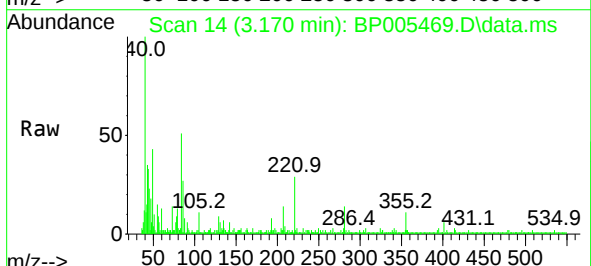
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

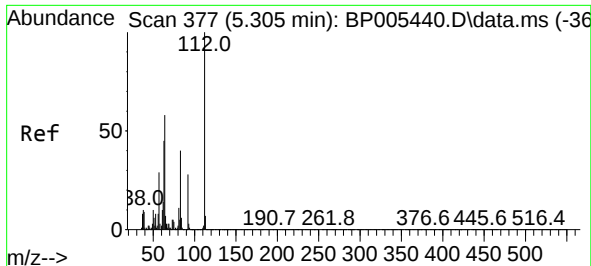
Tgt Ion:152 Resp: 16155
Ion Ratio Lower Upper
152 100
150 157.9 119.8 179.8
115 59.5 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.170 min Scan# 14
Delta R.T. -0.024 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
58 41.5 42.5 63.7#
43 0.0 19.8 29.8#

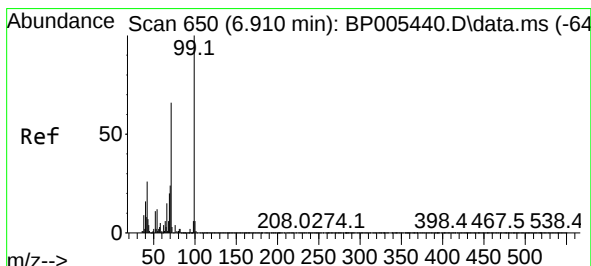
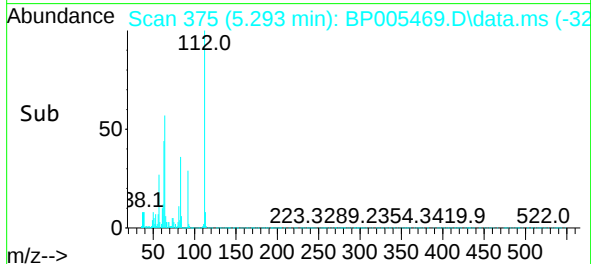
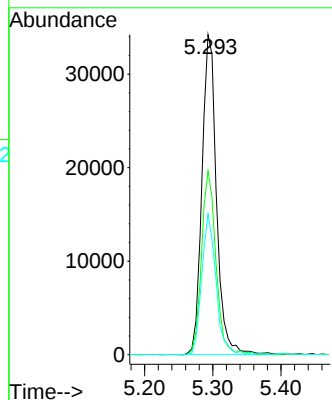
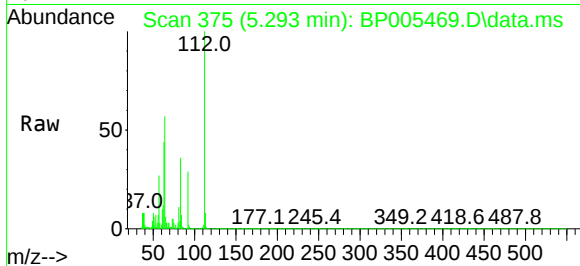




#5
2-Fluorophenol
Concen: 60.46 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

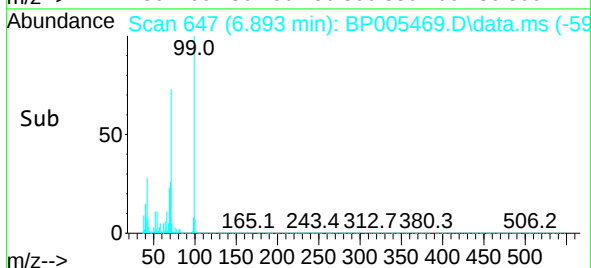
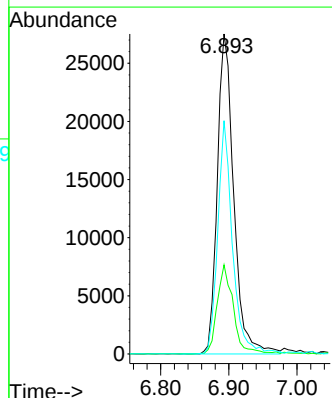
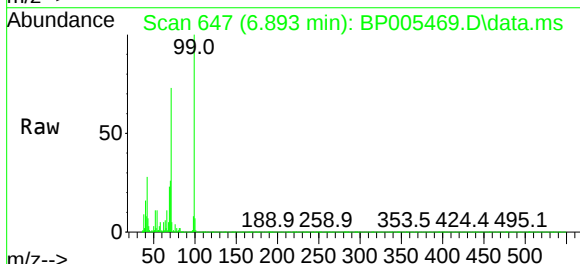
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

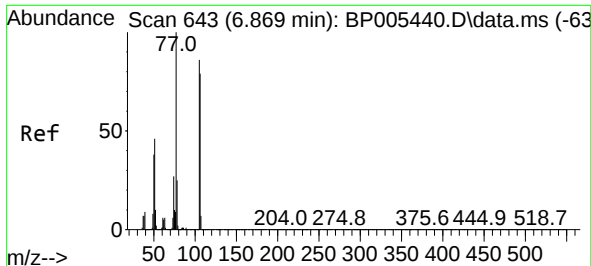
Tgt Ion:112 Resp: 50892
Ion Ratio Lower Upper
112 100
64 57.4 33.6 50.4#
63 43.9 18.6 27.8#



#7
Phenol-d6
Concen: 44.03 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

Tgt Ion: 99 Resp: 46212
Ion Ratio Lower Upper
99 100
42 27.9 12.9 19.3#
71 72.9 26.7 40.1#

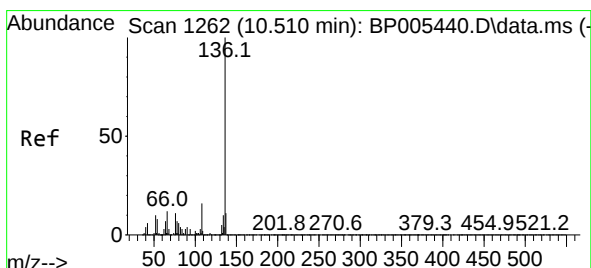
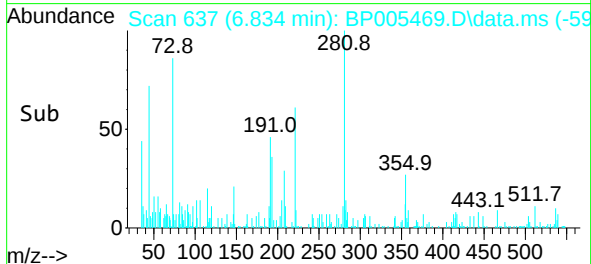
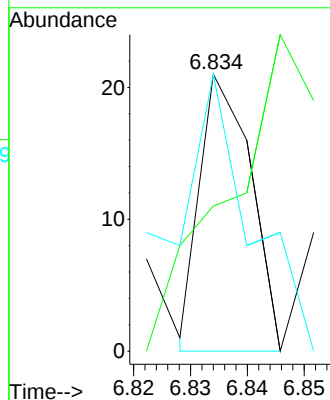
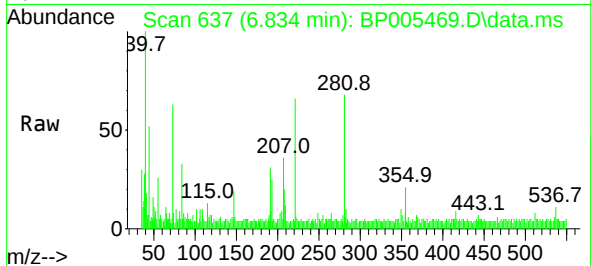




#9
Benzaldehyde
Concen: Below Cal
RT: 6.834 min Scan# 637
Delta R.T. -0.024 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

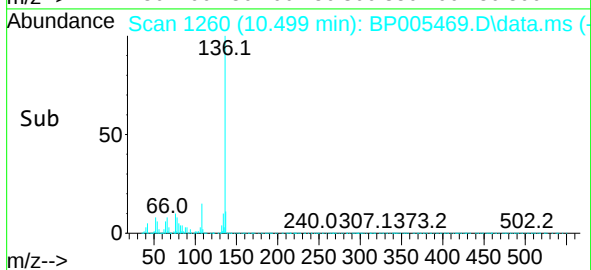
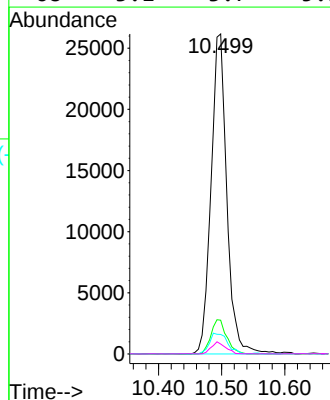
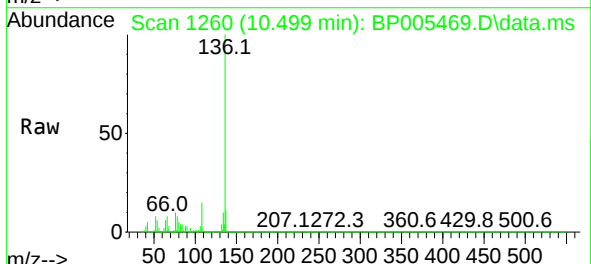
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

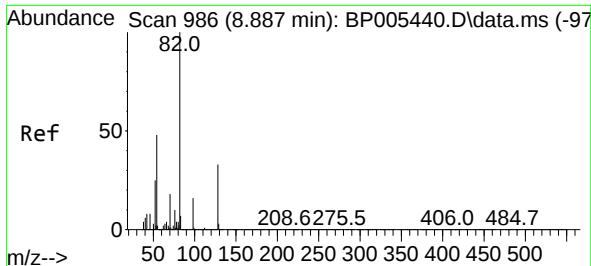
Tgt Ion: 77 Resp: 13
Ion Ratio Lower Upper
77 100
105 52.4 89.4 129.4#
106 100.0 79.9 119.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

Tgt Ion: 136 Resp: 45462
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.1 5.0 7.4
68 3.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 42.58 ng

RT: 8.869 min Scan# 983

Delta R.T. -0.012 min

Lab File: BP005469.D

Acq: 10 May 2021 15:28

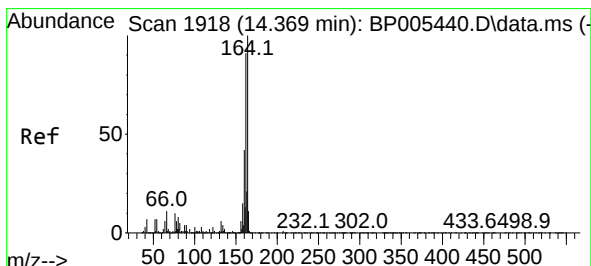
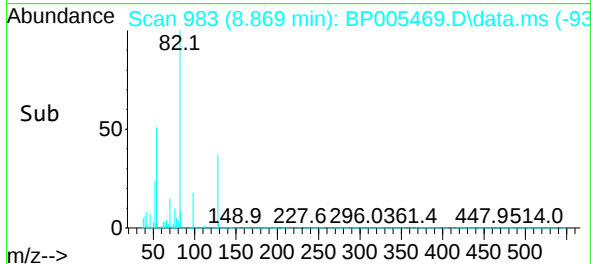
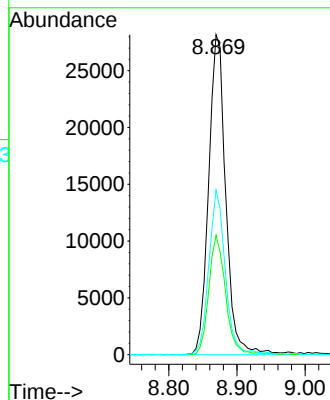
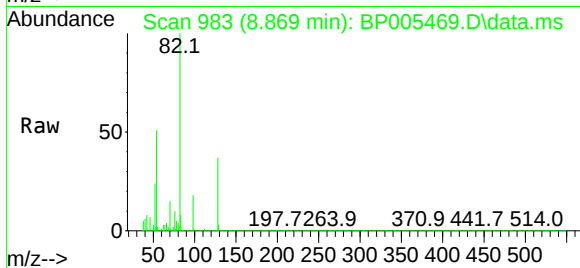
Instrument :

BNA_P

ClientSampleId :

AST2-COPR3-1

Tgt Ion: 82	Resp: 49185
Ion Ratio	Lower Upper
82 100	
128 37.3	30.5 45.7
54 51.4	33.9 50.9#



#39

Acenaphthene-d10

Concen: 20.00 ng

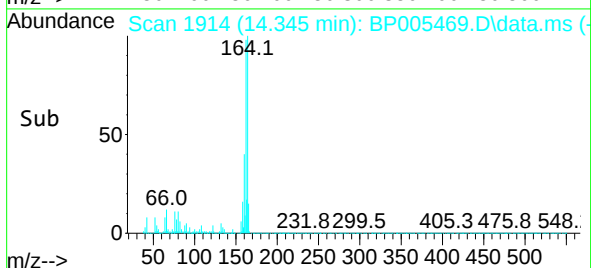
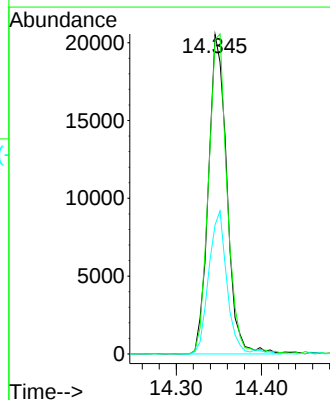
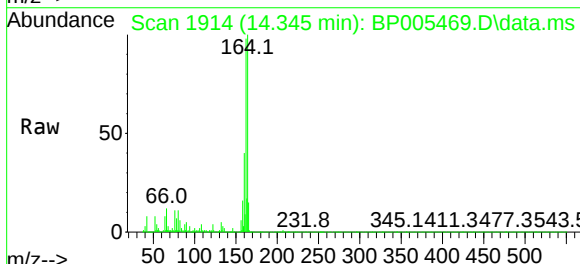
RT: 14.345 min Scan# 1914

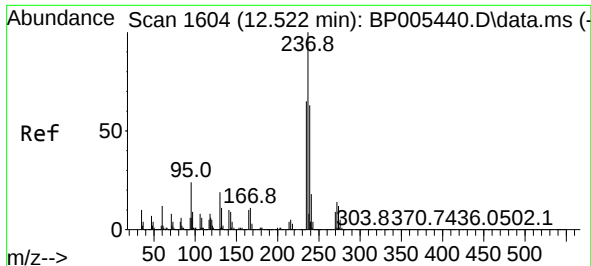
Delta R.T. -0.012 min

Lab File: BP005469.D

Acq: 10 May 2021 15:28

Tgt Ion: 164	Resp: 30865
Ion Ratio	Lower Upper
164 100	
162 98.4	73.5 110.3
160 40.4	40.6 61.0#



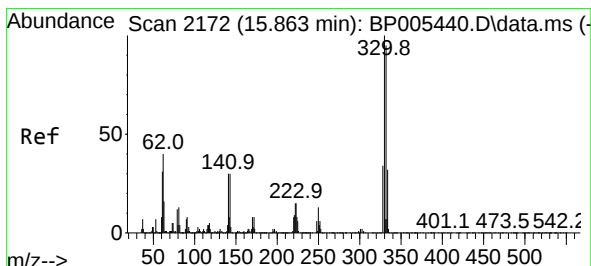
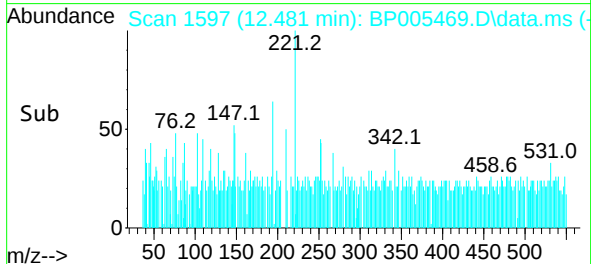
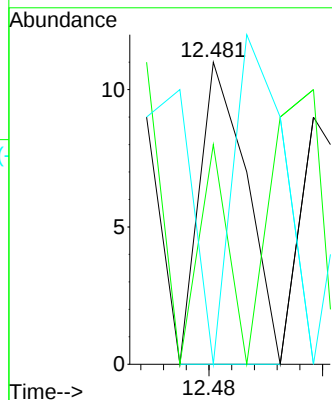
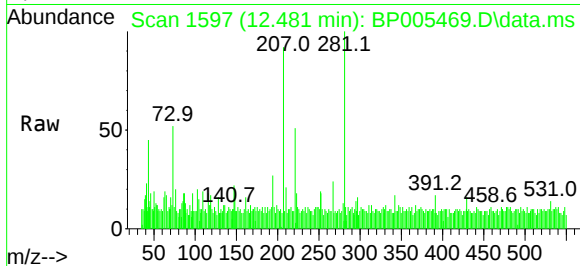


#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.481 min Scan# 1597
Delta R.T. -0.030 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

Instrument :
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ClientSampleId :
AST2-COPR3-1

Tgt Ion: 237 Resp: 6

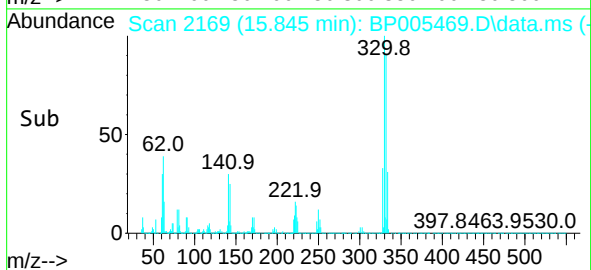
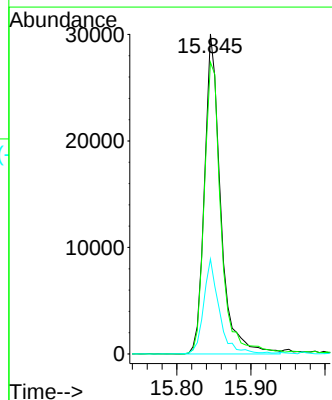
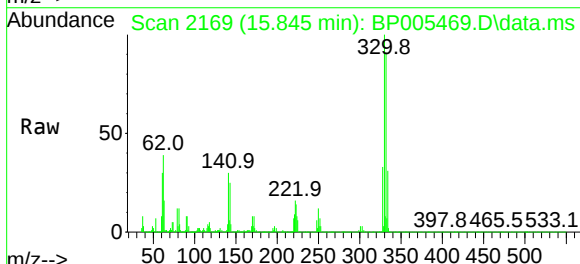
Ion	Ratio	Lower	Upper
237	100		
235	72.7	40.9	80.9
272	0.0	0.0	34.6

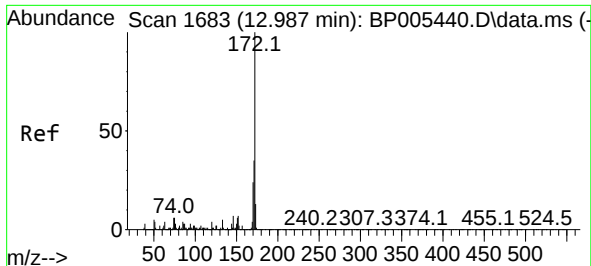


#42
2,4,6-Tribromophenol
Concen: 52.10 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

Tgt Ion: 330 Resp: 45629

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.3	114.5
141	28.9	22.8	34.2

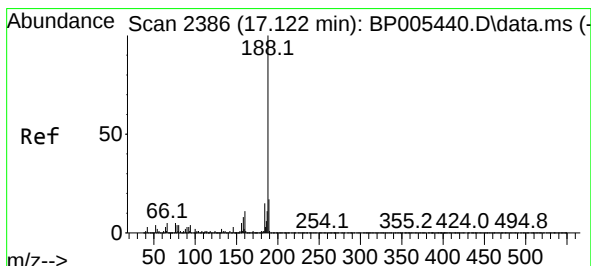
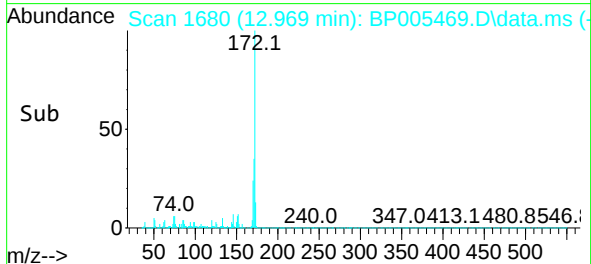
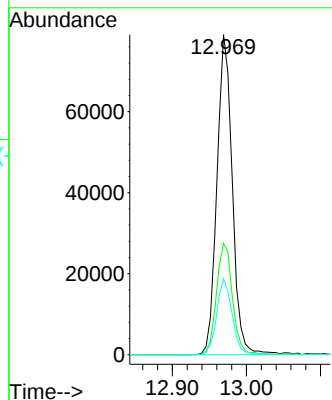
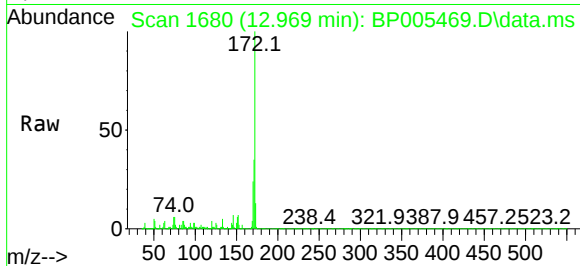




#45
2-Fluorobiphenyl
Concen: 41.52 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

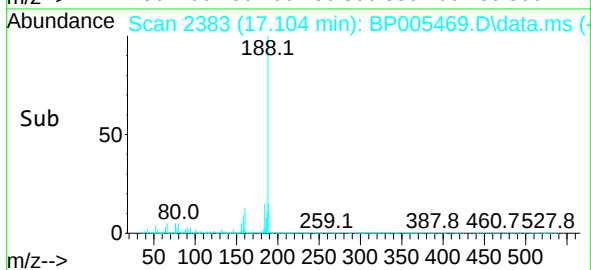
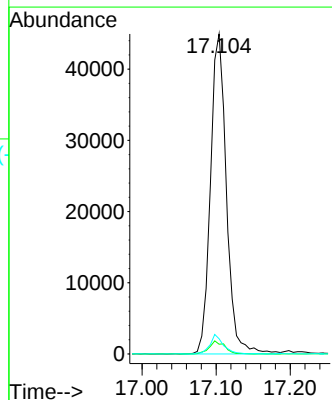
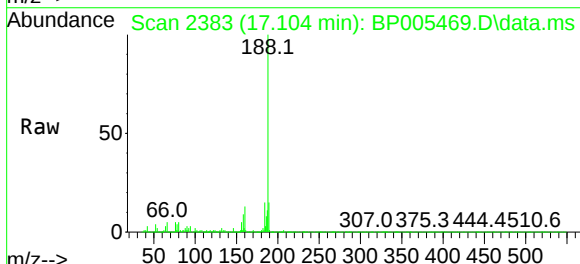
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ClientSampleId :
AST2-COPR3-1

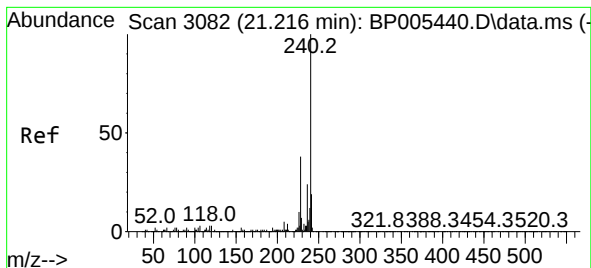
Tgt Ion:172 Resp: 113616
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

Tgt Ion:188 Resp: 67324
Ion Ratio Lower Upper
188 100
94 3.0 5.0 7.6#
80 4.8 5.9 8.9#

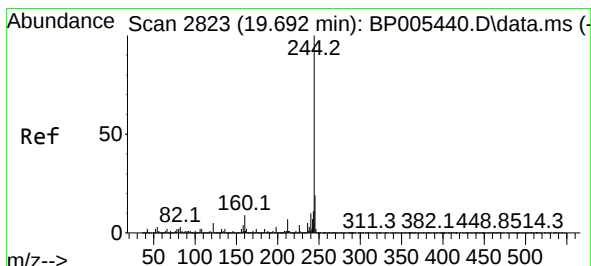
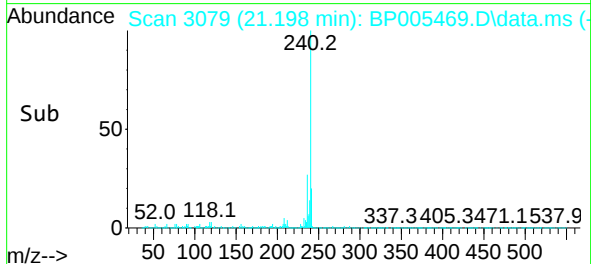
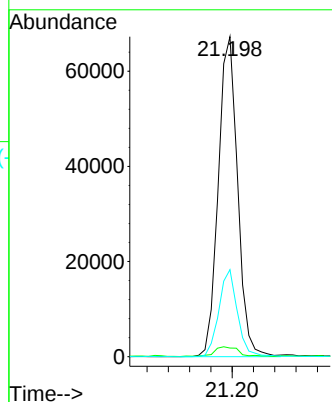
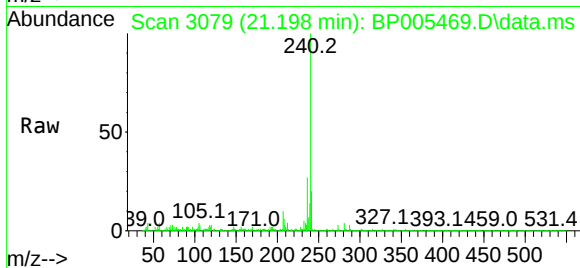




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

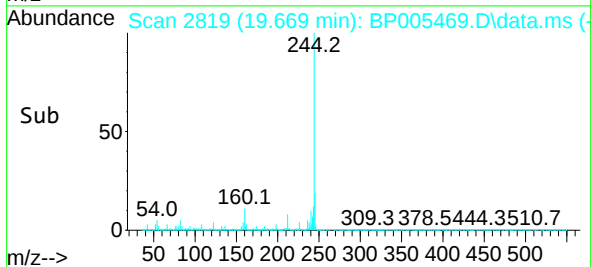
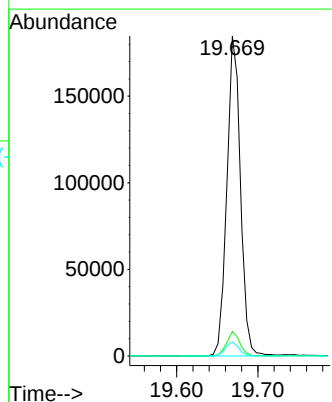
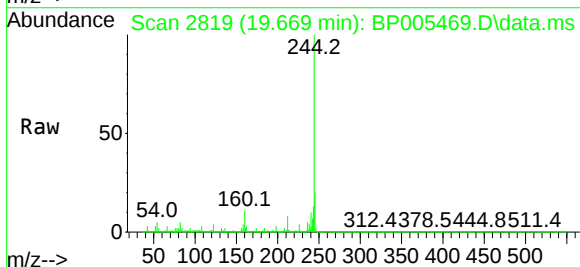
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

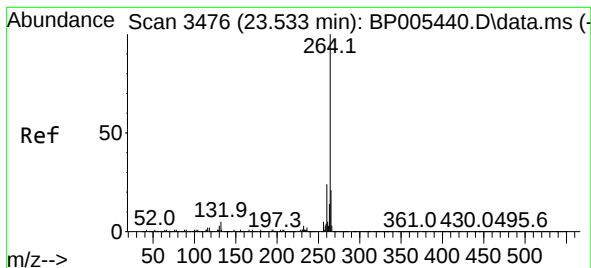
Tgt Ion:240 Resp: 84484
Ion Ratio Lower Upper
240 100
120 2.7 4.2 6.2#
236 27.2 20.2 30.2



#79
Terphenyl-d14
Concen: 43.29 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

Tgt Ion:244 Resp: 215360
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 4.4 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.510 min Scan# 3472
 Delta R.T. -0.012 min
 Lab File: BP005469.D
 Acq: 10 May 2021 15:28

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR3-1

Tgt Ion:264 Resp: 120188
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 30.8
 265 22.2 19.0 28.6

