

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

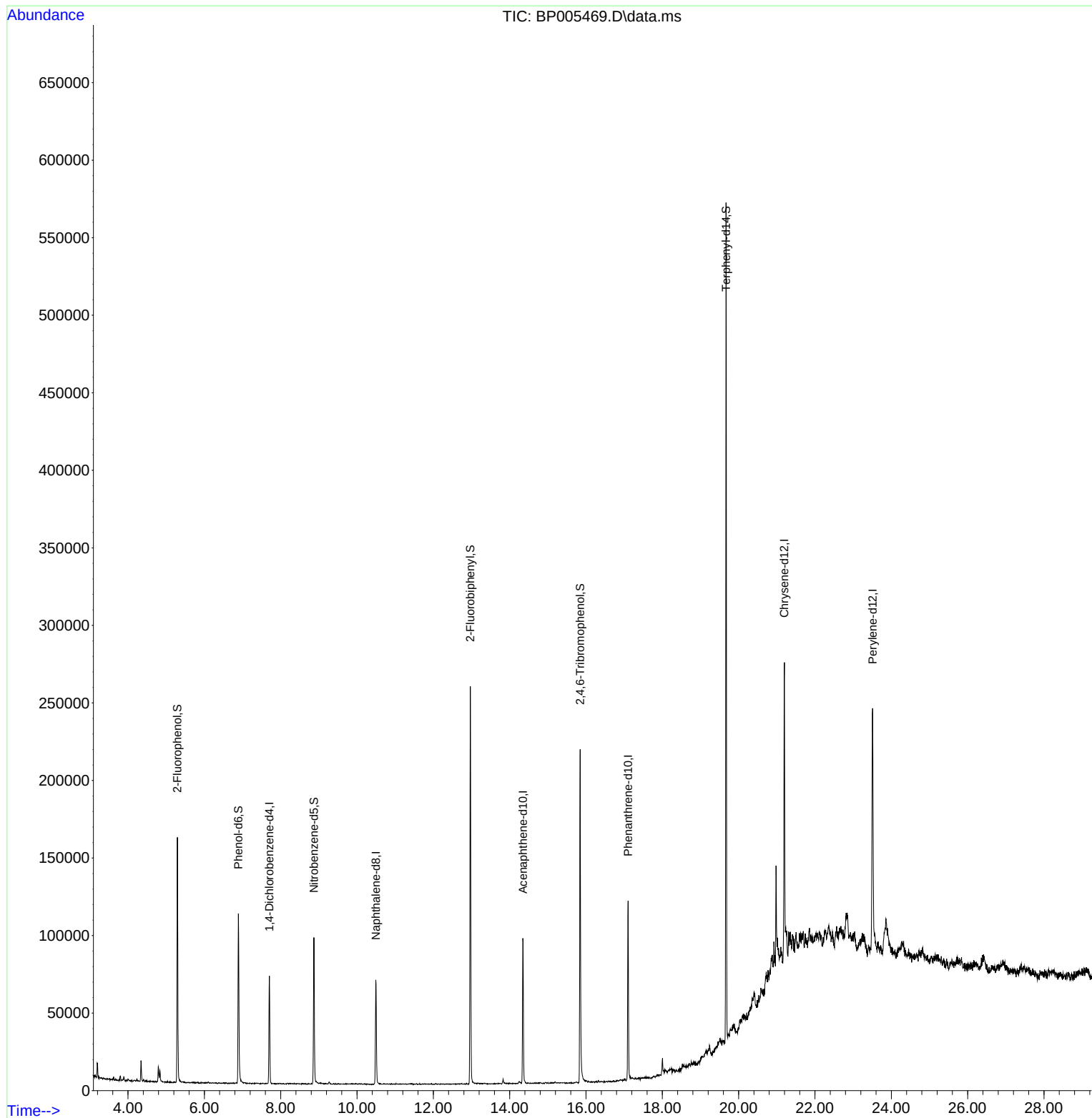
Target Compounds	Qvalue

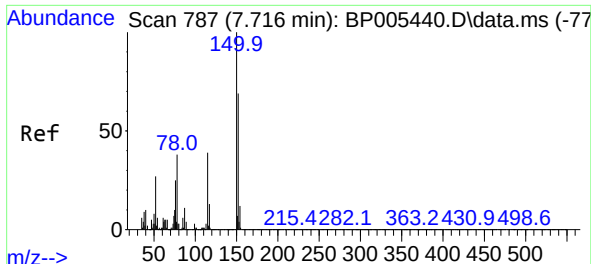
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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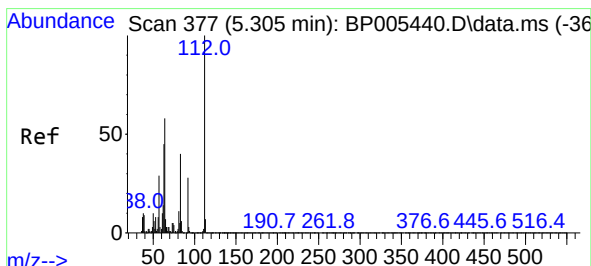
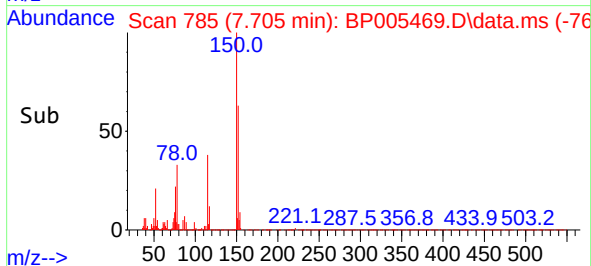
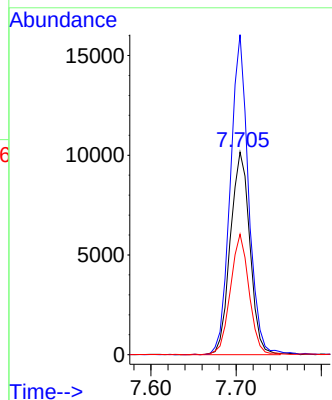
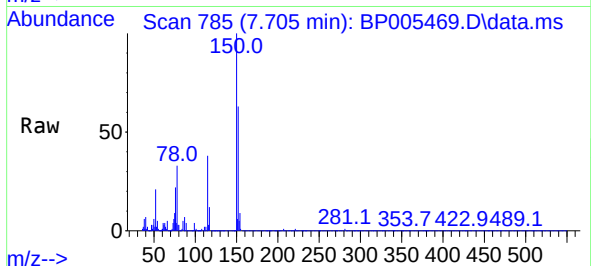




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

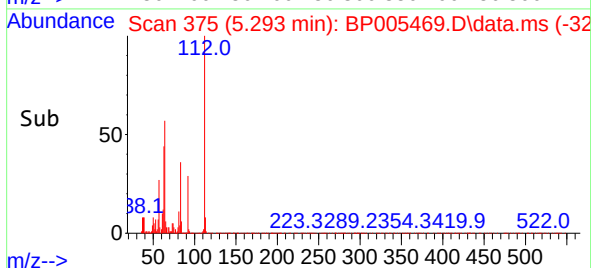
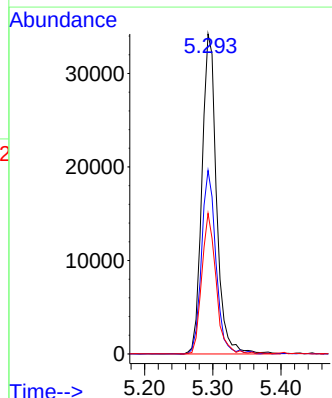
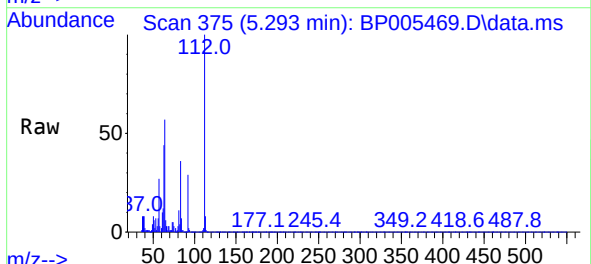
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

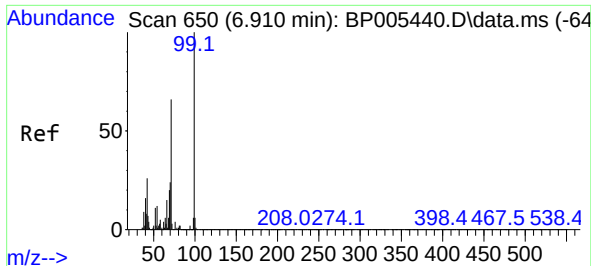
Tgt Ion:152 Resp: 16155
Ion Ratio Lower Upper
152 100
150 157.9 119.8 179.8
115 59.5 49.0 73.4



#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

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#

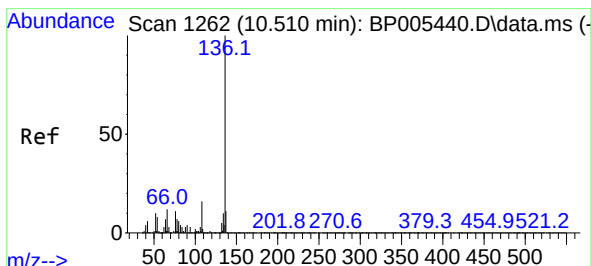
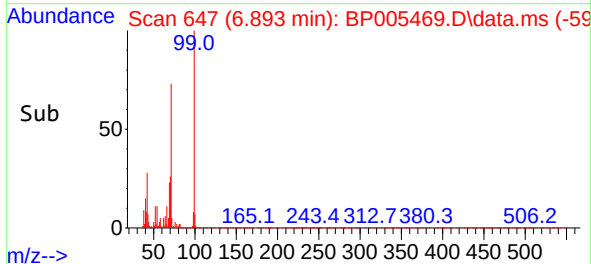
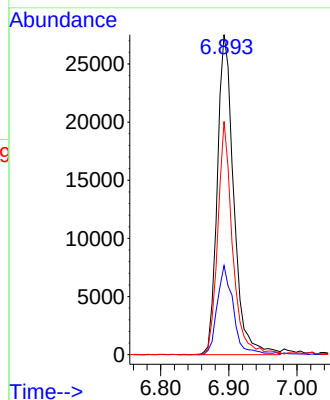
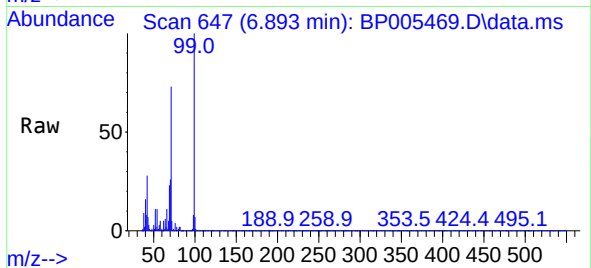




#7
Phenol-d6
Concen: 44.03 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

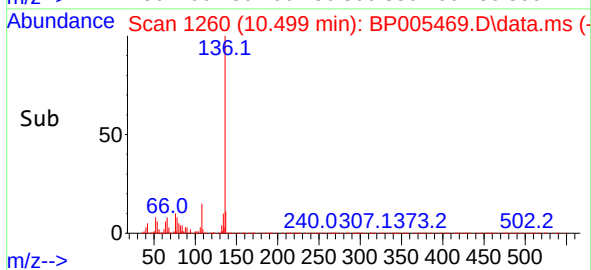
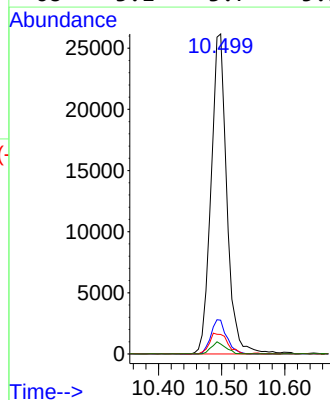
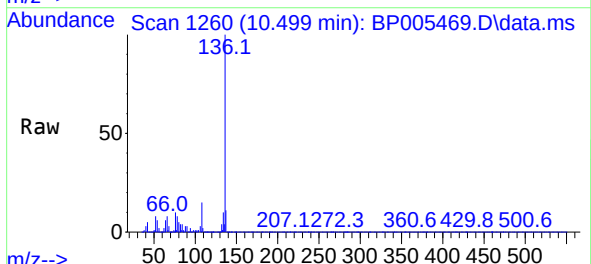
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

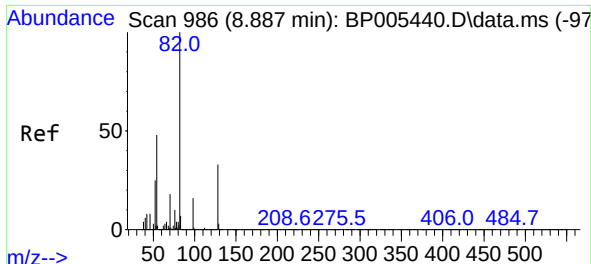
Tgt Ion: 99 Resp: 46212
Ion Ratio Lower Upper
99 100
42 27.9 12.9 19.3#
71 72.9 26.7 40.1#



#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#

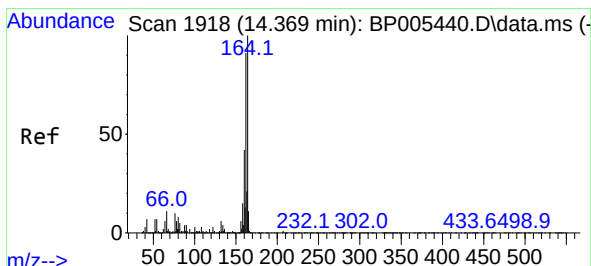
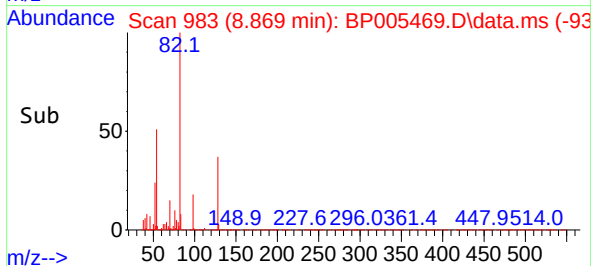
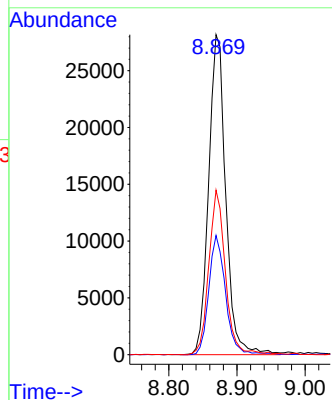
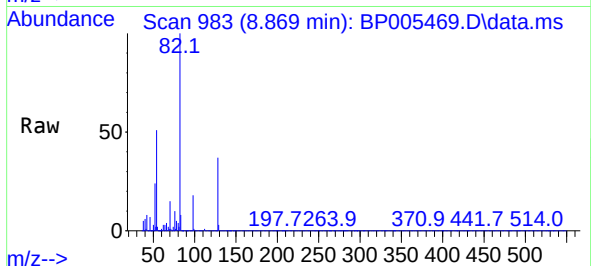




#23
Nitrobenzene-d5
Concen: 42.58 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

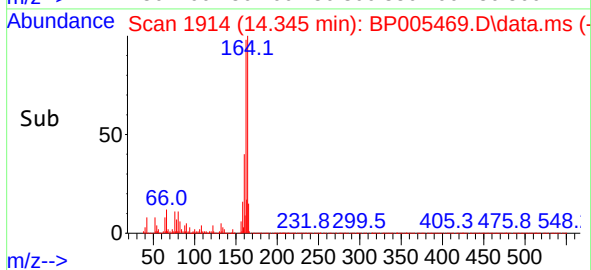
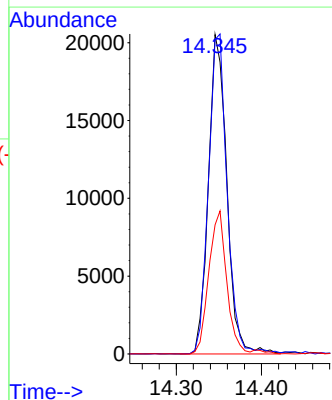
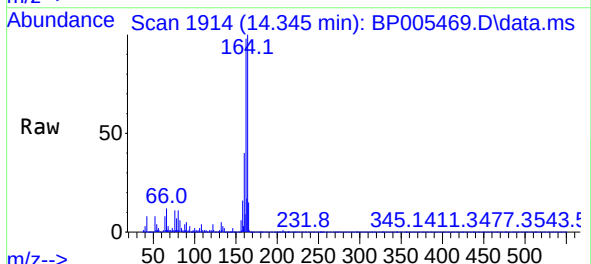
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

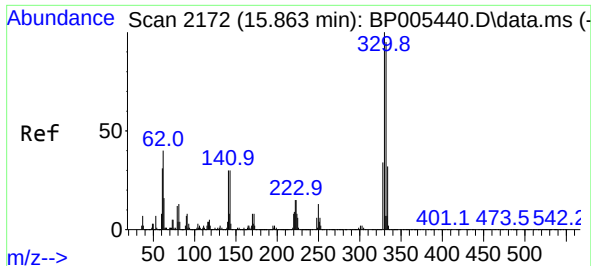
Tgt Ion: 82 Resp: 49185
Ion Ratio Lower Upper
82 100
128 37.3 30.5 45.7
54 51.4 33.9 50.9#



#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#

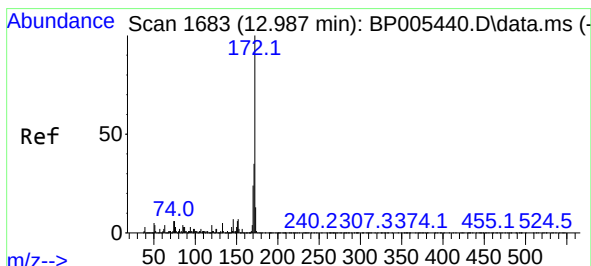
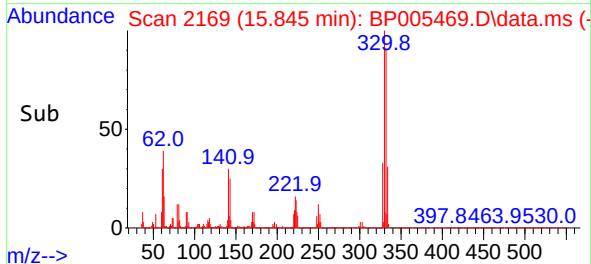
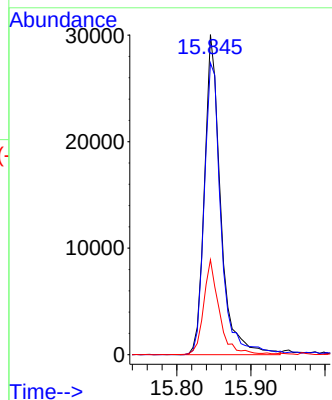
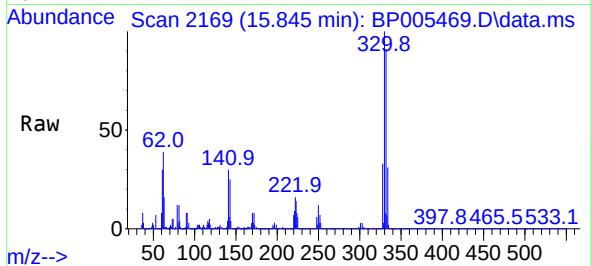




#42
2,4,6-Tribromophenol
Concen: 52.10 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

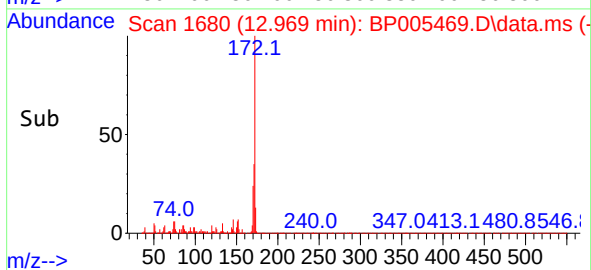
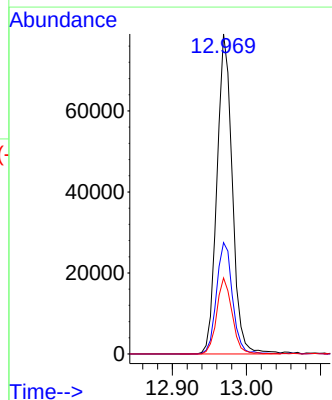
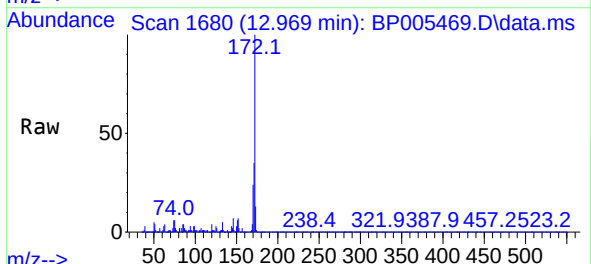
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

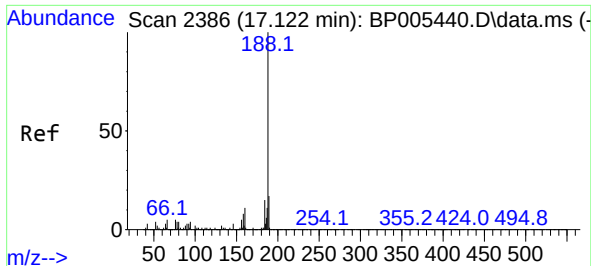
Tgt Ion:	330	Resp:	45629
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.3	114.5
141	28.9	22.8	34.2



#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

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

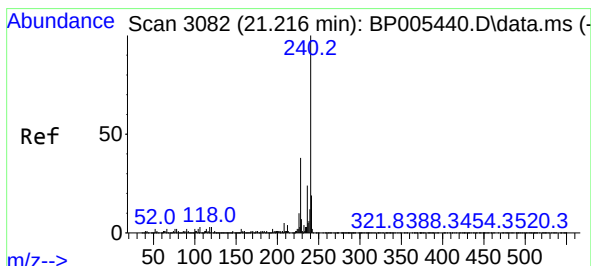
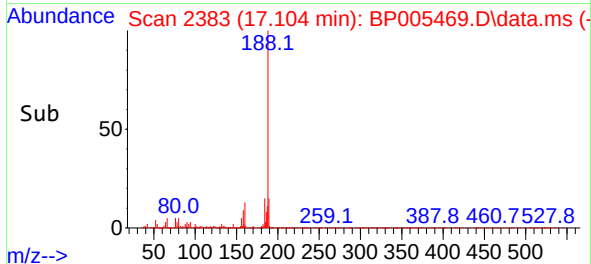
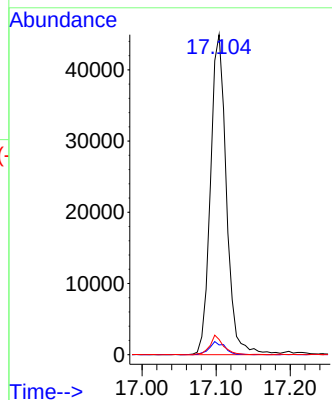
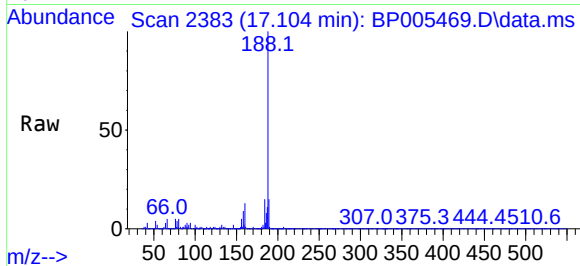




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

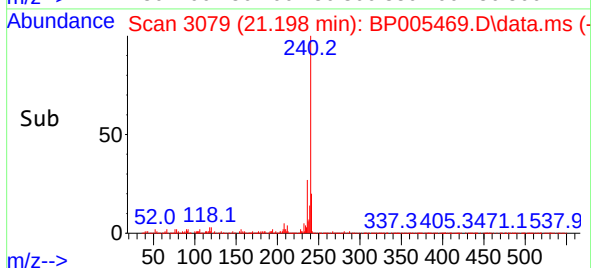
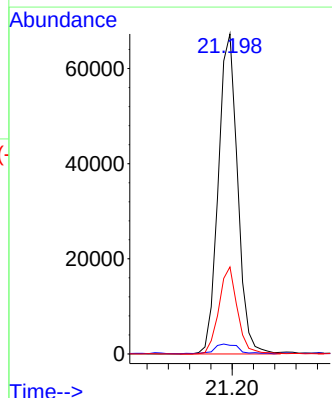
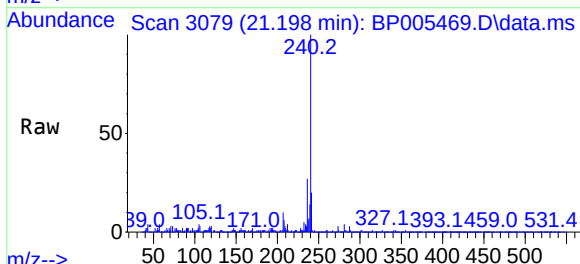
Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

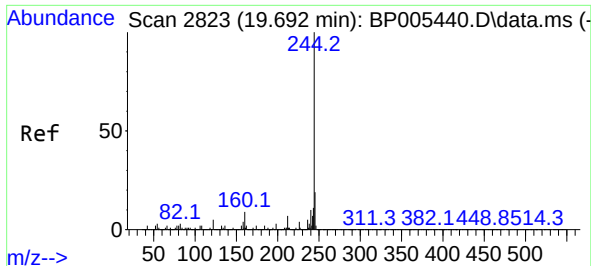
Tgt Ion:188 Resp: 67324
Ion Ratio Lower Upper
188 100
94 3.0 5.0 7.6#
80 4.8 5.9 8.9#



#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

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

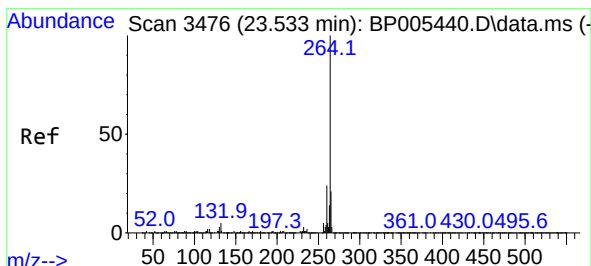
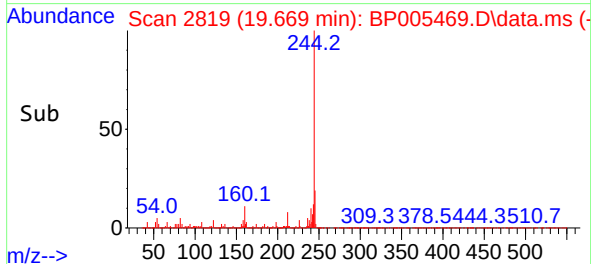
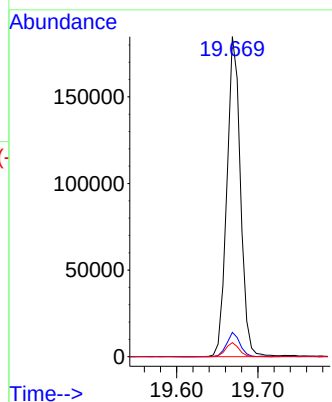
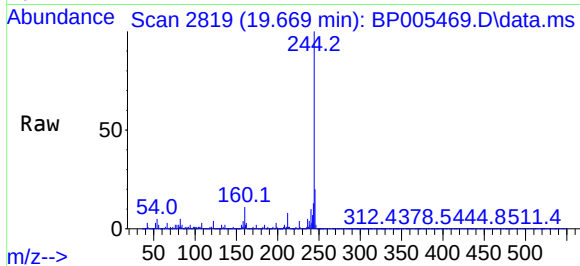




#79
Terphenyl-d14
Concen: 43.29 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP005469.D
Acq: 10 May 2021 15:28

Instrument :
BNA_P
ClientSampleId :
AST2-COPR3-1

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

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

