

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015324.D
 Acq On : 26 May 2023 23:35
 Operator : CG/JU
 Sample : 02916-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-621-COMP-01

Quant Time: May 29 02:09:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

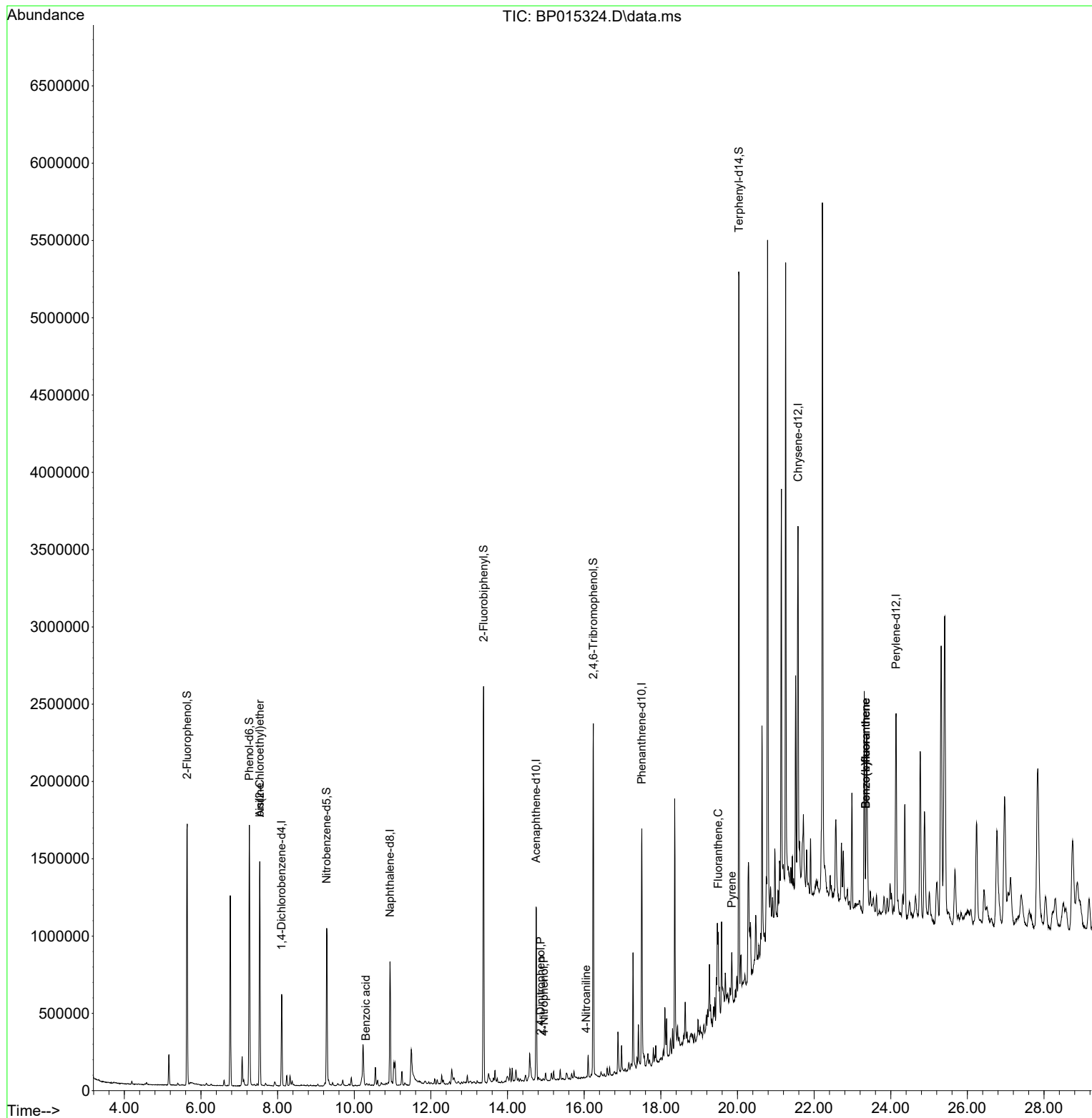
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	158052	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	629098	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	386066	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	902957	20.000	ng	0.00
76) Chrysene-d12	21.580	240	861830	20.000	ng	0.00
86) Perylene-d12	24.139	264	1091425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	714288	74.888	ng	0.00
7) Phenol-d6	7.264	99	929713	74.378	ng	0.00
23) Nitrobenzene-d5	9.281	82	574006	44.550	ng	-0.01
42) 2,4,6-Tribromophenol	16.240	330	429149	81.799	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	1272546	44.253	ng	0.00
79) Terphenyl-d14	20.039	244	2178329	47.542	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.534	93	523914	33.162	ng	# 51
9) Benzaldehyde	7.258	77	2934	Below Cal		# 33
11) bis(2-Chloroethyl)ether	7.534	93	523914	49.930	ng	# 25
32) Benzoic acid	10.305	122	216	6.368	ng	# 7
54) 2,4-Dinitrophenol	14.863	184	49	5.198	ng	# 1
56) 4-Nitrophenol	14.951	139	112	3.448	ng	# 1
62) 4-Nitroaniline	16.051	138	228	2.336	ng	91
75) Fluoranthene	19.498	202	161754	2.877	ng	98
78) Pyrene	19.851	202	162312	2.632	ng	98
88) Benzo(b)fluoranthene	23.351	252	180599	2.722	ng	# 87
89) Benzo(k)fluoranthene	23.351	252	180599	2.703	ng	# 86

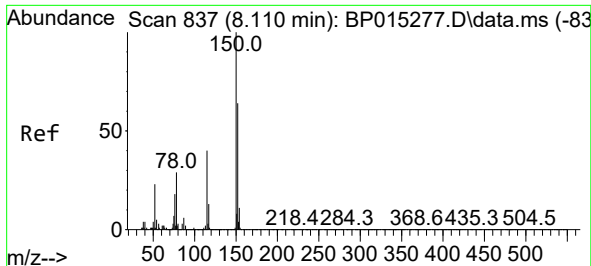
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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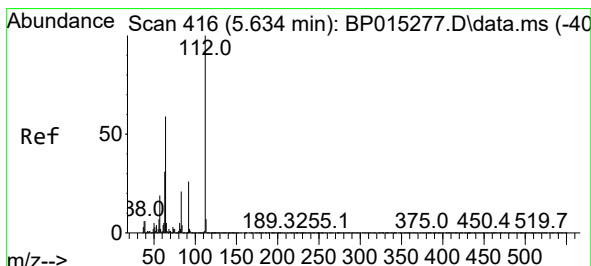
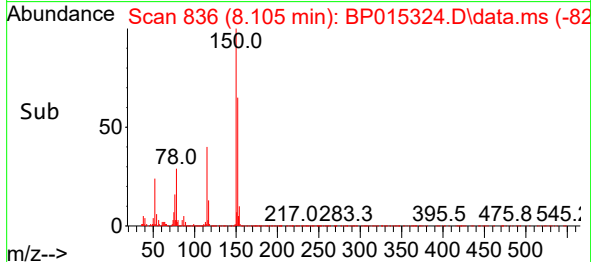
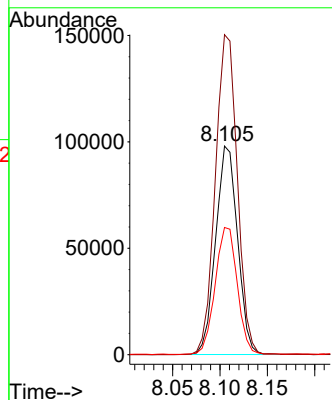
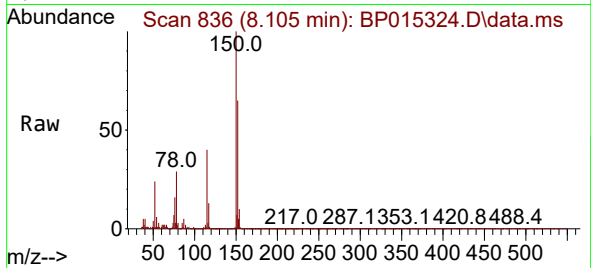




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

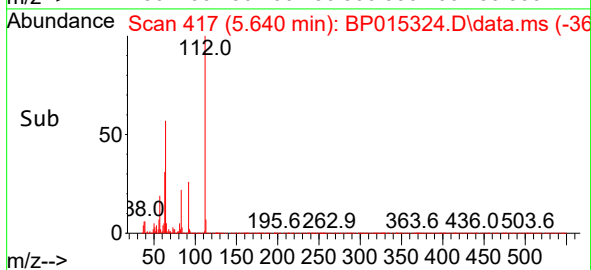
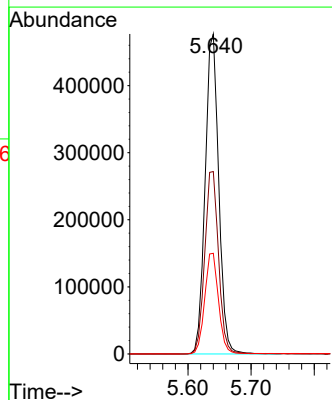
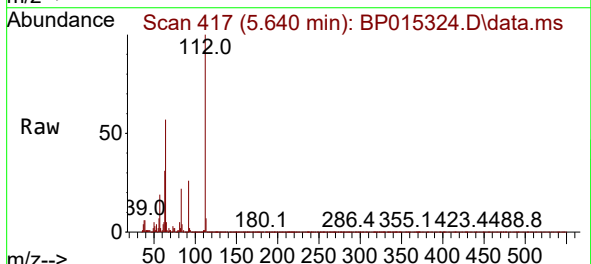
Instrument :
BNA_P
ClientSampleId :
SU-621-COMP-01

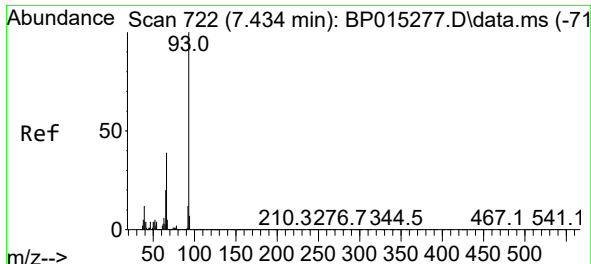
Tgt Ion:152 Resp: 158052
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.2
115 61.0 49.1 73.7



#5
2-Fluorophenol
Concen: 74.888 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion:112 Resp: 714288
Ion Ratio Lower Upper
112 100
64 57.0 47.2 70.8
63 31.5 24.6 37.0

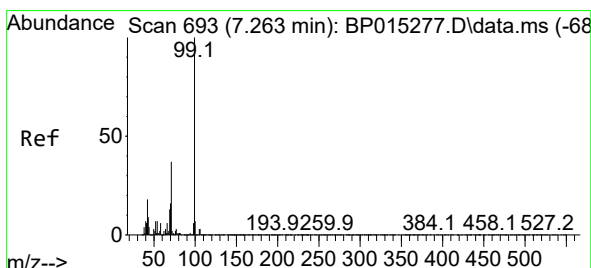
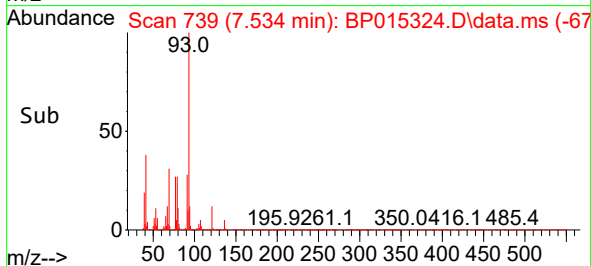
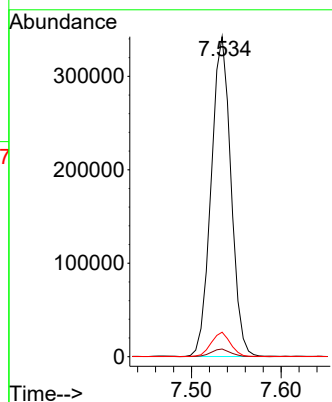
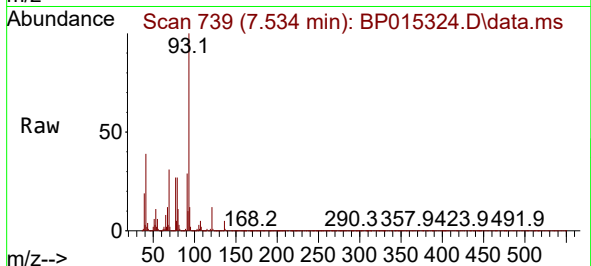




#6
Aniline
Concen: 33.162 ng
RT: 7.534 min Scan# 71
Delta R.T. 0.100 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

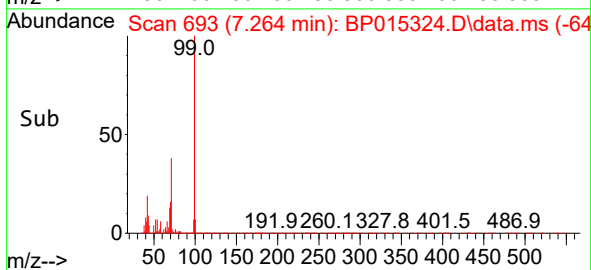
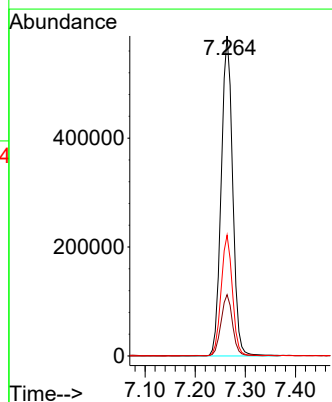
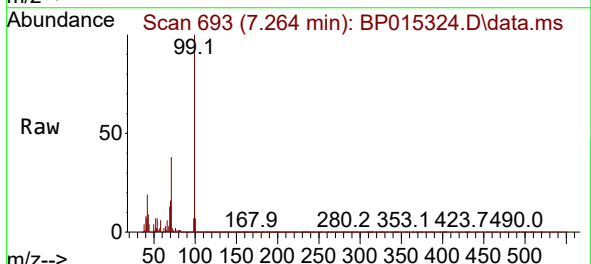
Instrument :
BNA_P
ClientSampleId :
SU-621-COMP-01

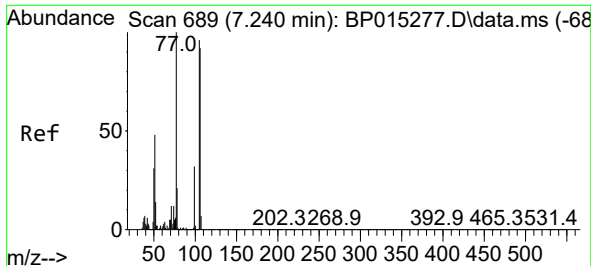
Tgt Ion: 93 Resp: 523914
Ion Ratio Lower Upper
93 100
66 2.4 31.3 46.9#
65 7.7 16.0 24.0#



#7
Phenol-d6
Concen: 74.378 ng
RT: 7.264 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion: 99 Resp: 929713
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 37.7 29.4 44.2

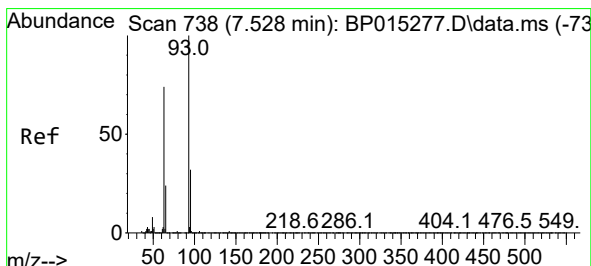
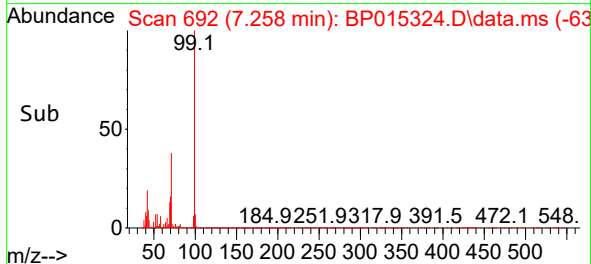
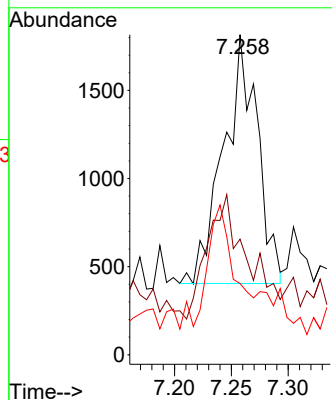
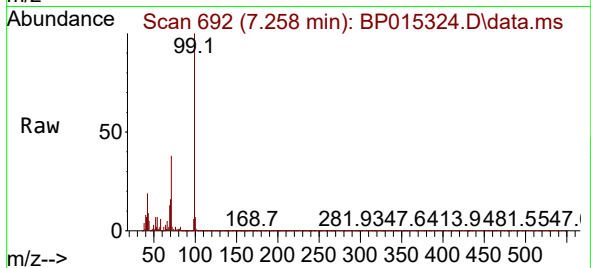




#9
Benzaldehyde
Concen: Below Cal
RT: 7.258 min Scan# 692
Delta R.T. 0.018 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

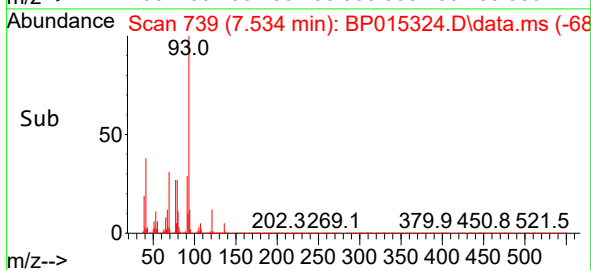
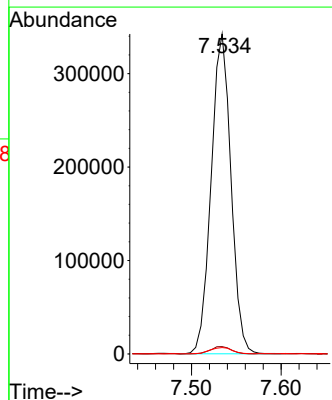
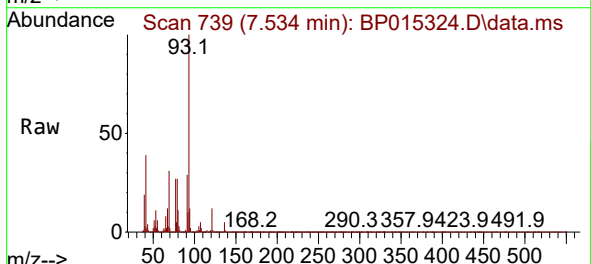
Instrument :
BNA_P
ClientSampleId :
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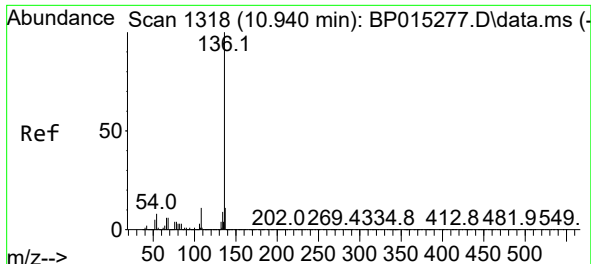
Tgt Ion: 77 Resp: 2934
Ion Ratio Lower Upper
77 100
105 36.1 75.9 115.9#
106 22.2 72.3 112.3#



#11
bis(2-Chloroethyl)ether
Concen: 49.930 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion: 93 Resp: 523914
Ion Ratio Lower Upper
93 100
63 2.3 53.9 93.9#
95 2.0 12.2 52.2#

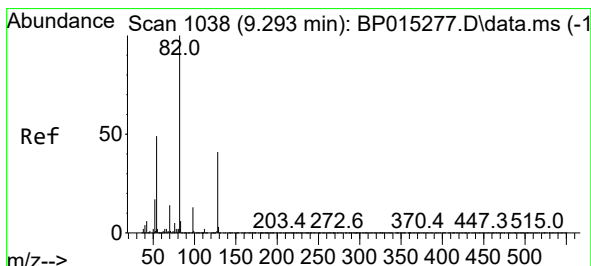
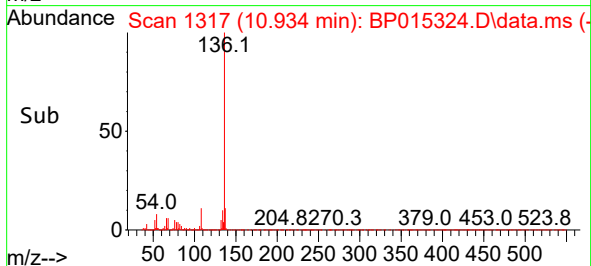
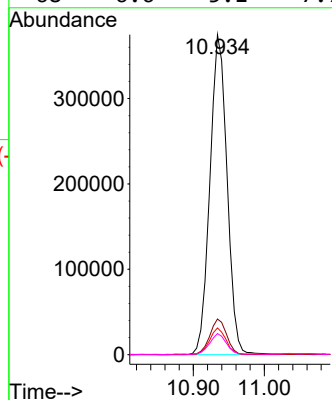
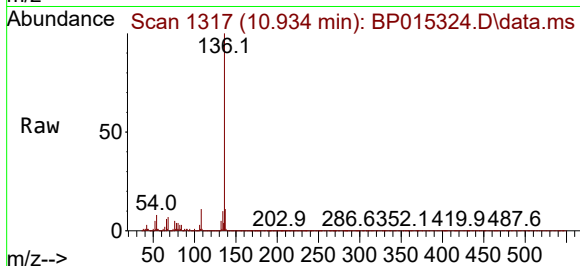




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

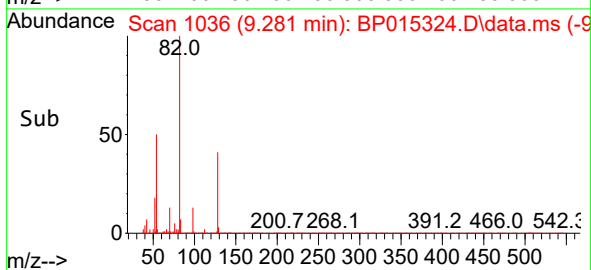
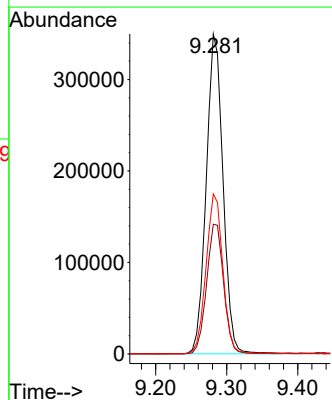
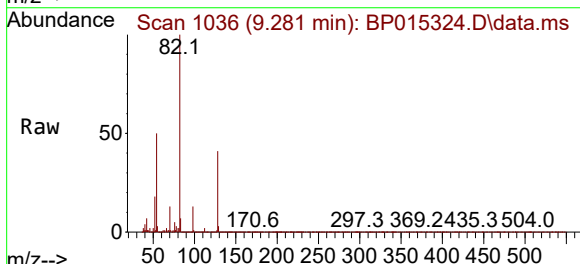
Instrument :
BNA_P
ClientSampleId :
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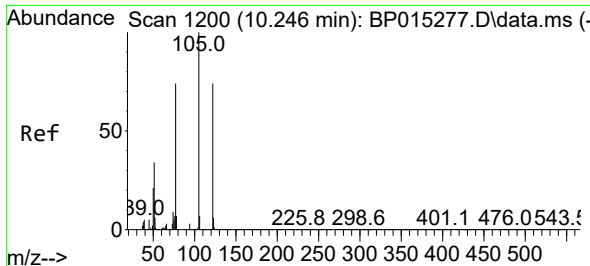
Tgt Ion:	136	Resp:	629098
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.3	9.5
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 44.550 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion:	82	Resp:	574006
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.0	49.4
54	50.0	39.2	58.8

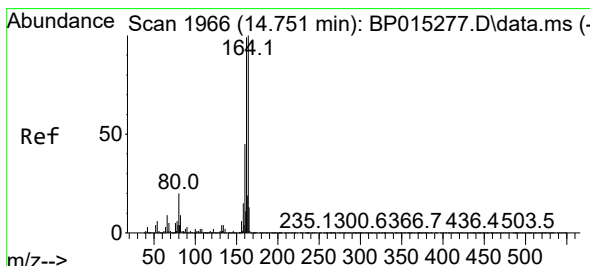
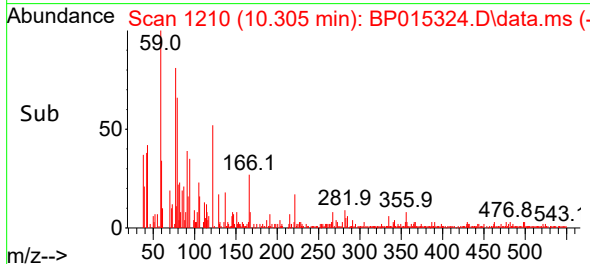
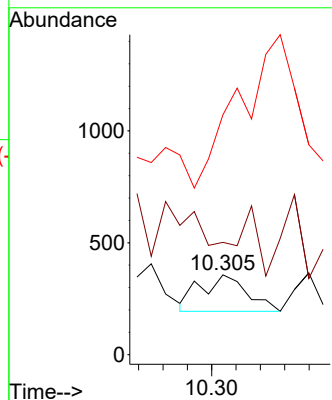
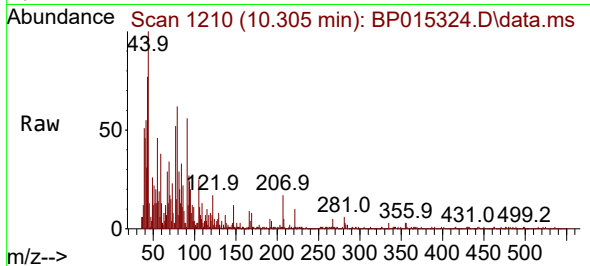




#32
Benzoic acid
Concen: 6.368 ng
RT: 10.305 min Scan# 11
Delta R.T. 0.059 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

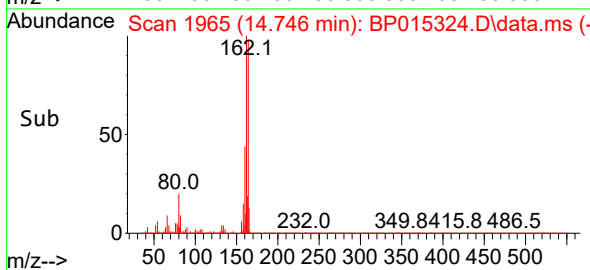
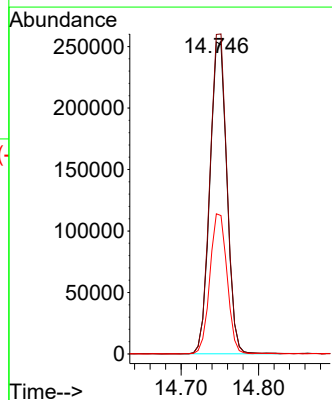
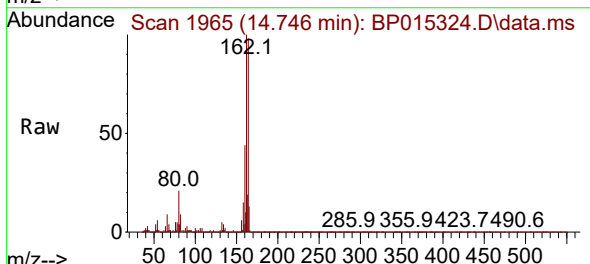
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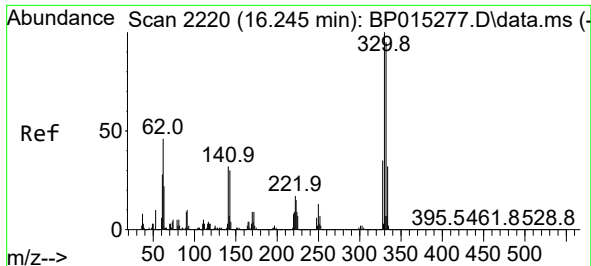
Tgt Ion:122 Resp: 216
Ion Ratio Lower Upper
122 100
105 140.6 109.5 149.5
77 300.3 78.2 118.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion:164 Resp: 386066
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.2
160 44.9 35.6 53.4

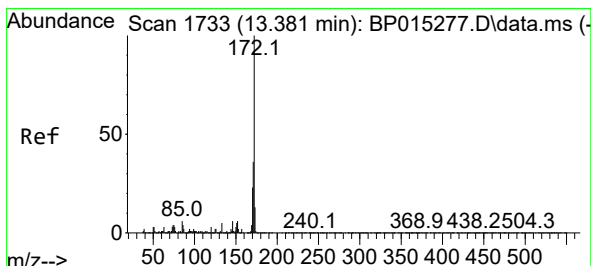
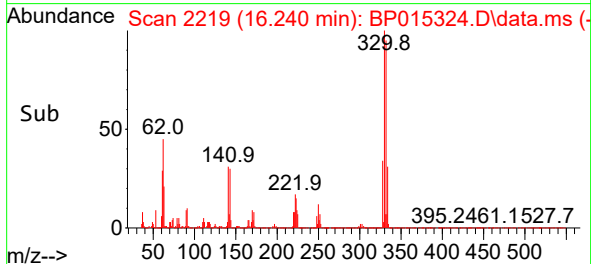
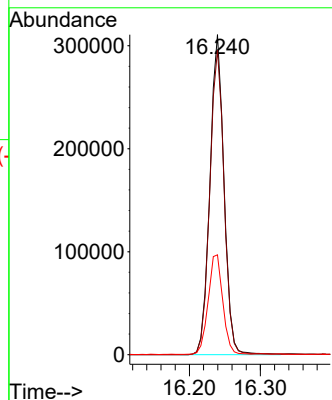
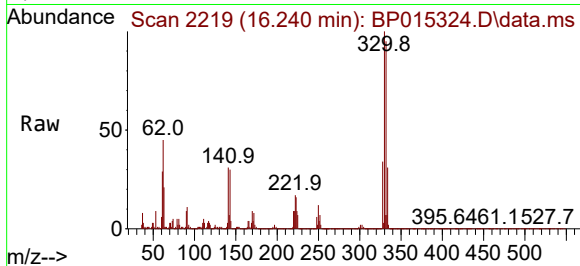




#42
2,4,6-Tribromophenol
Concen: 81.799 ng
RT: 16.240 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

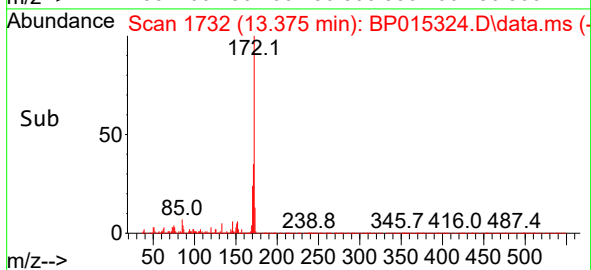
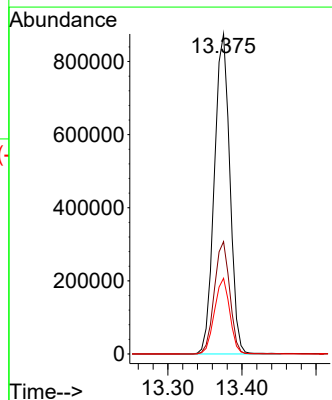
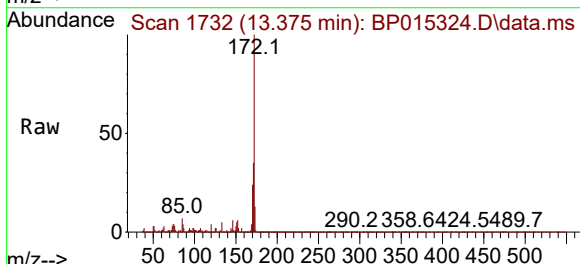
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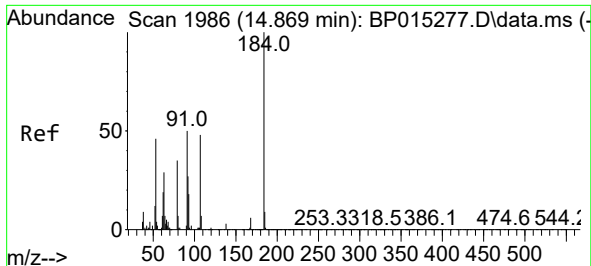
Tgt Ion:330 Resp: 429149
Ion Ratio Lower Upper
330 100
332 97.0 76.3 114.5
141 32.2 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 44.253 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion:172 Resp: 1272546
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.7 18.7 28.1

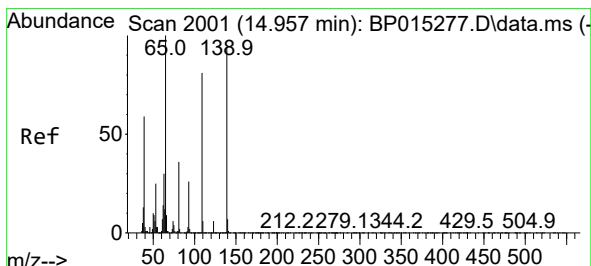
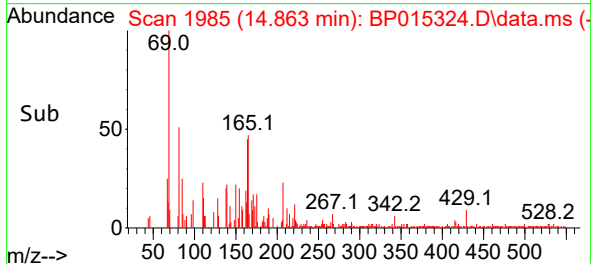
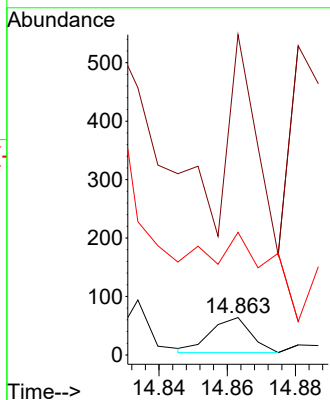
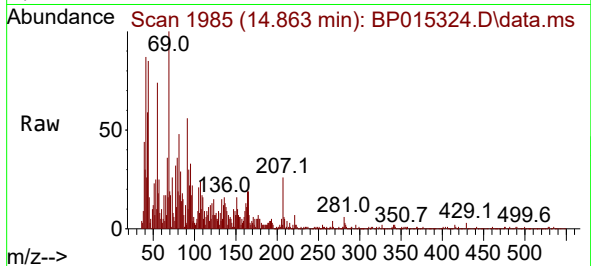




#54
2,4-Dinitrophenol
Concen: 5.198 ng
RT: 14.863 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

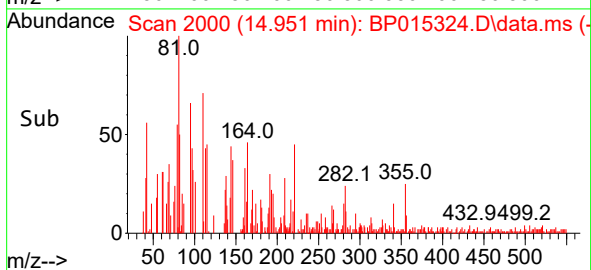
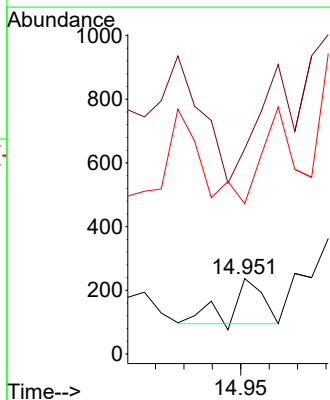
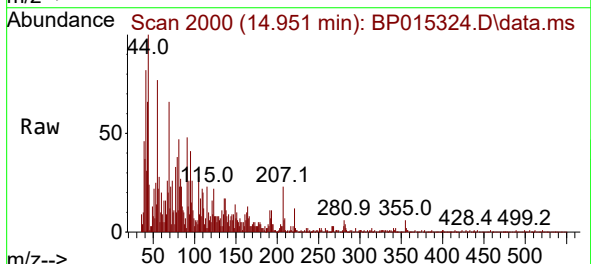
Instrument :
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ClientSampleId :
SU-621-COMP-01

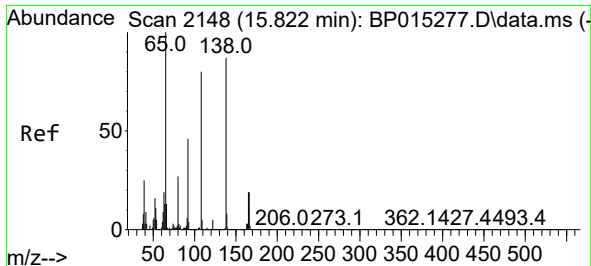
Tgt Ion:184 Resp: 49
Ion Ratio Lower Upper
184 100
63 856.3 56.2 84.4#
154 328.1 53.2 79.8#



#56
4-Nitrophenol
Concen: 3.448 ng
RT: 14.951 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion:139 Resp: 112
Ion Ratio Lower Upper
139 100
109 272.2 66.5 106.5#
65 199.2 86.6 126.6#

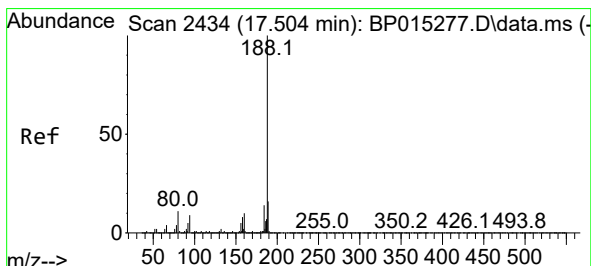
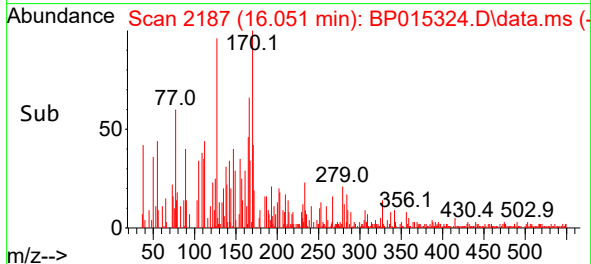
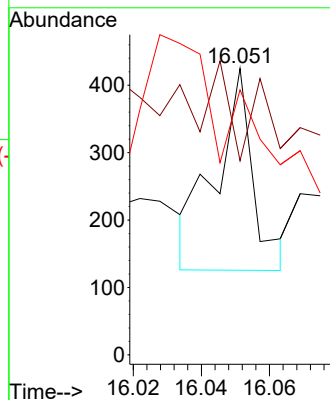
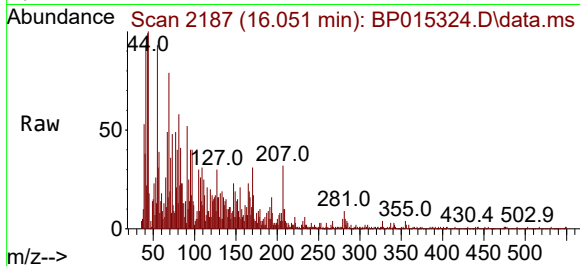




#62
4-Nitroaniline
Concen: 2.336 ng
RT: 16.051 min Scan# 2148
Delta R.T. 0.229 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

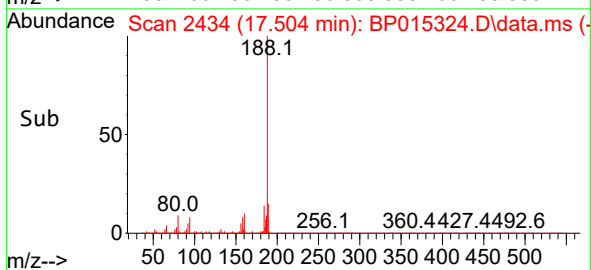
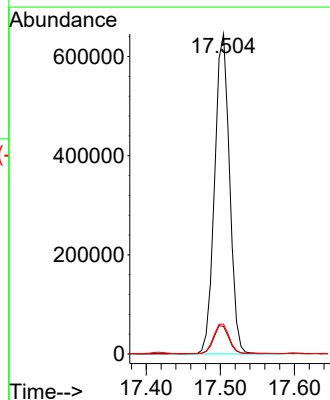
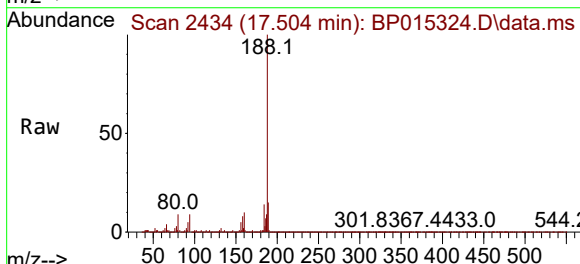
Instrument :
BNA_P
ClientSampleId :
SU-621-COMP-01

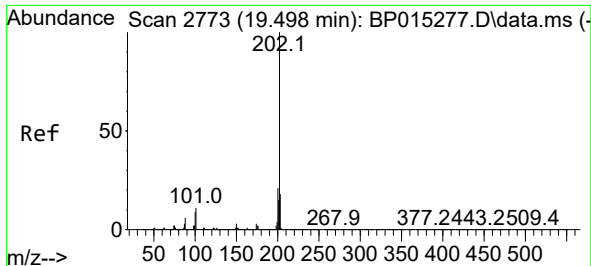
Tgt Ion:138 Resp: 228
Ion Ratio Lower Upper
138 100
92 67.8 33.1 73.1
108 92.5 71.0 111.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion:188 Resp: 902957
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.3 8.6 13.0

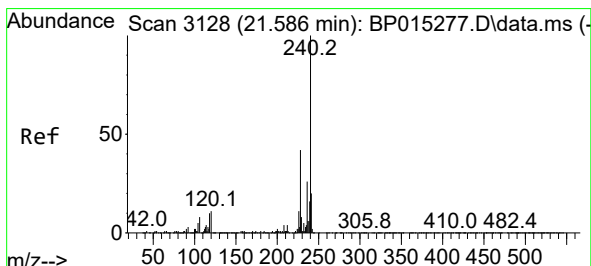
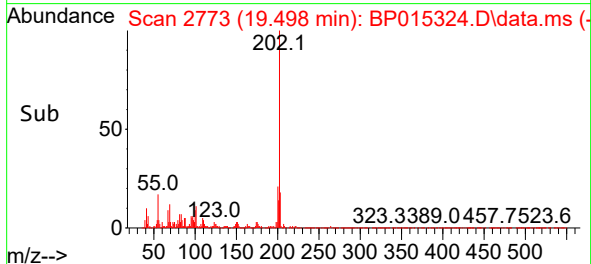
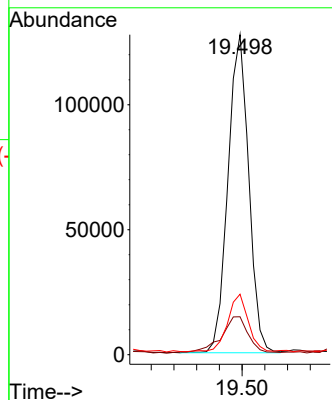
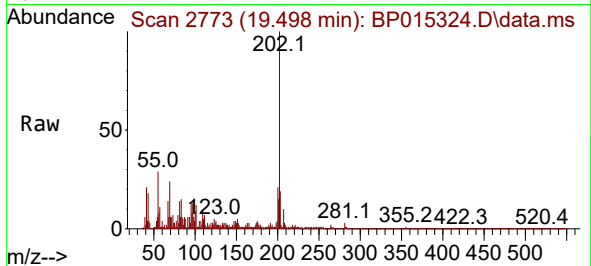




#75
Fluoranthene
Concen: 2.877 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

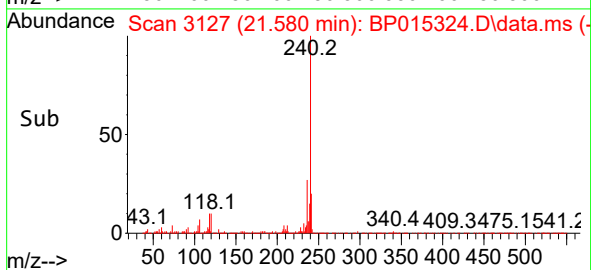
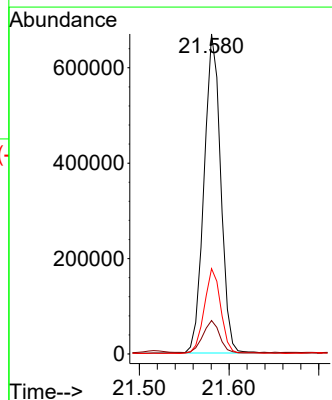
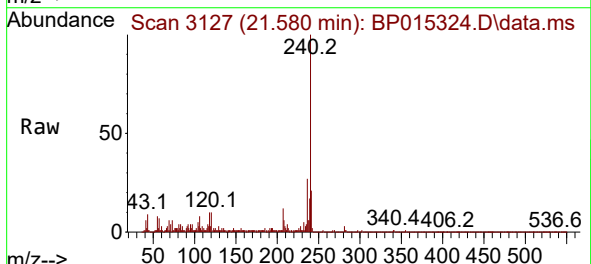
Instrument :
BNA_P
ClientSampleId :
SU-621-COMP-01

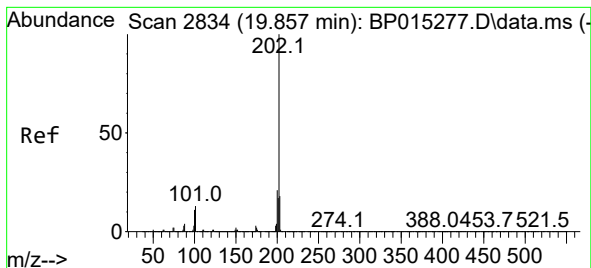
Tgt Ion:202 Resp: 161754
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 18.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015324.D
Acq: 26 May 2023 23:35

Tgt Ion:240 Resp: 861830
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.7 20.5 30.7





#78

Pyrene

Concen: 2.632 ng

RT: 19.851 min Scan# 2833

Delta R.T. -0.006 min

Lab File: BP015324.D

Acq: 26 May 2023 23:35

Instrument :

BNA_P

ClientSampleId :

SU-621-COMP-01

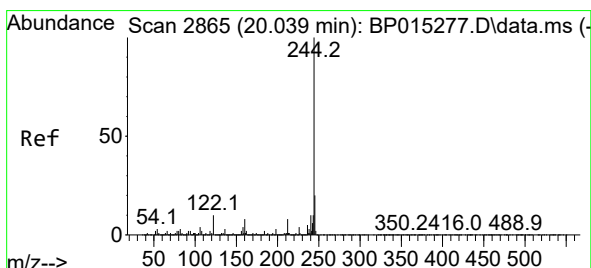
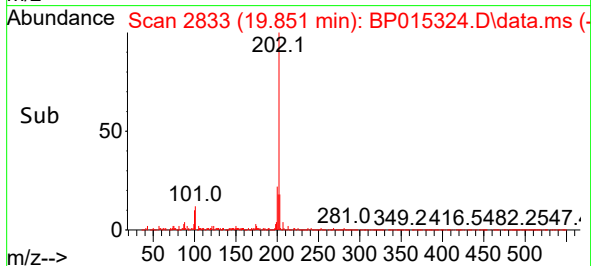
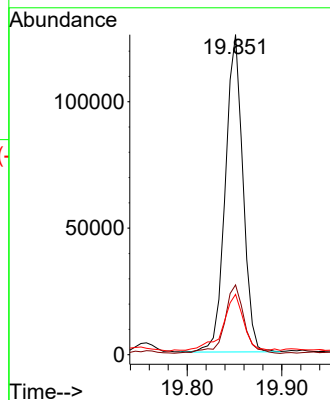
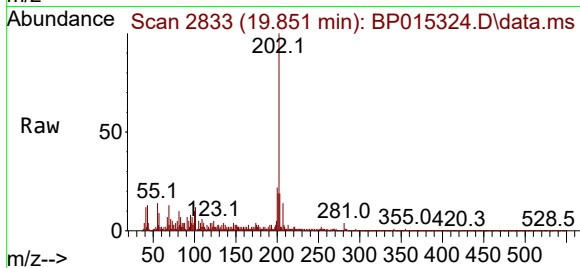
Tgt Ion:202 Resp: 162312

Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 18.9 14.2 21.2



#79

Terphenyl-d14

Concen: 47.542 ng

RT: 20.039 min Scan# 2865

Delta R.T. 0.000 min

Lab File: BP015324.D

Acq: 26 May 2023 23:35

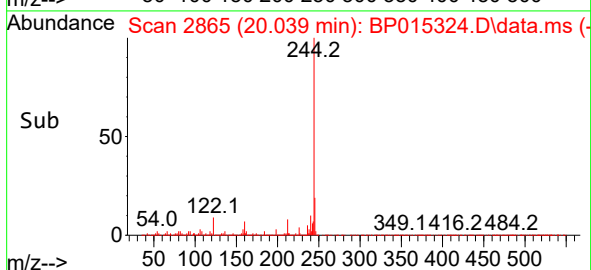
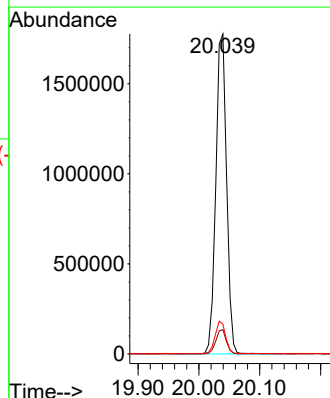
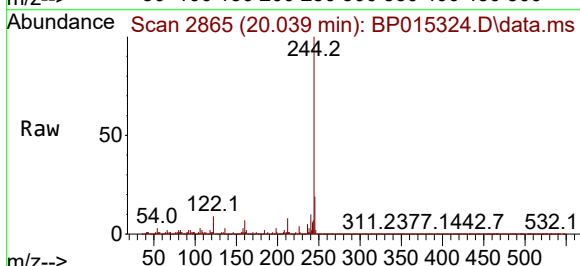
Tgt Ion:244 Resp: 2178329

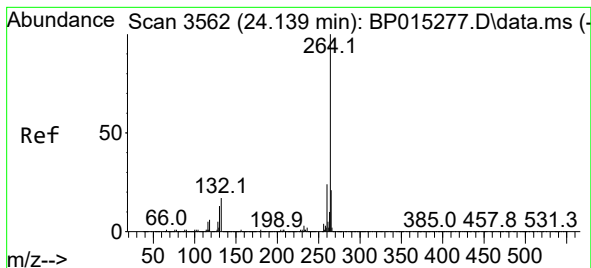
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 9.3 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.139 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015324.D

Acq: 26 May 2023 23:35

Instrument :

BNA_P

ClientSampleId :

SU-621-COMP-01

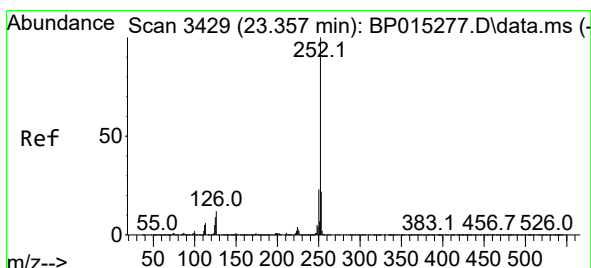
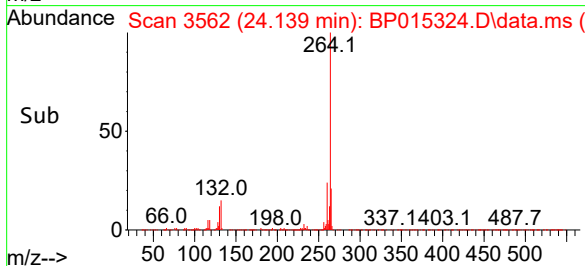
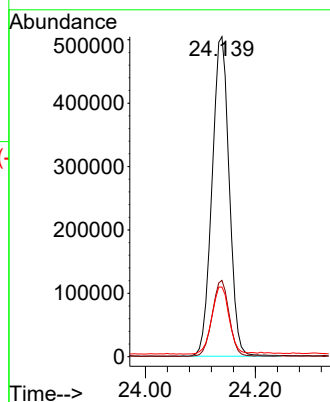
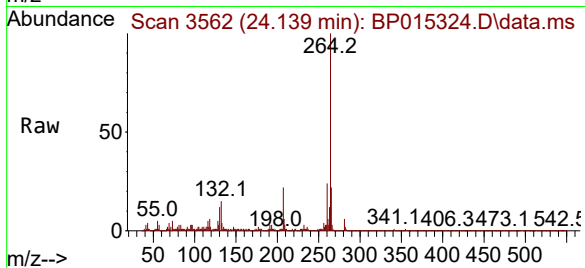
Tgt Ion:264 Resp: 1091425

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.8 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.722 ng

RT: 23.351 min Scan# 3428

Delta R.T. -0.006 min

Lab File: BP015324.D

Acq: 26 May 2023 23:35

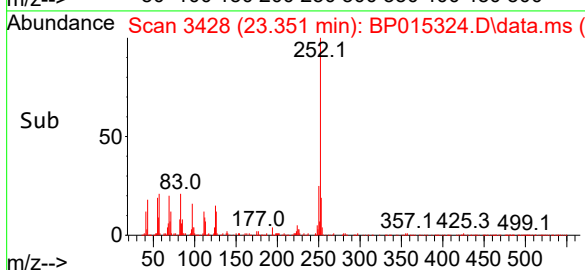
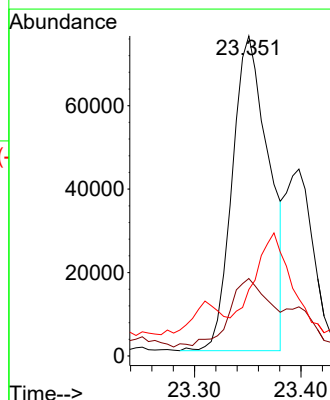
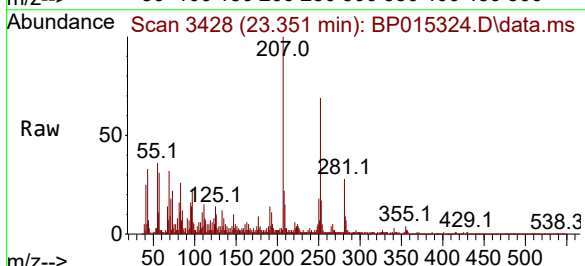
Tgt Ion:252 Resp: 180599

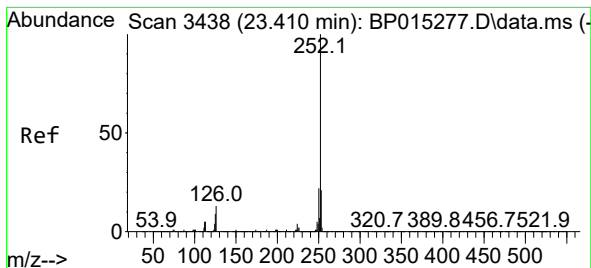
Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

125 20.8 7.2 10.8#





#89

Benzo(k)fluoranthene

Concen: 2.703 ng

RT: 23.351 min Scan# 34

Delta R.T. -0.059 min

Lab File: BP015324.D

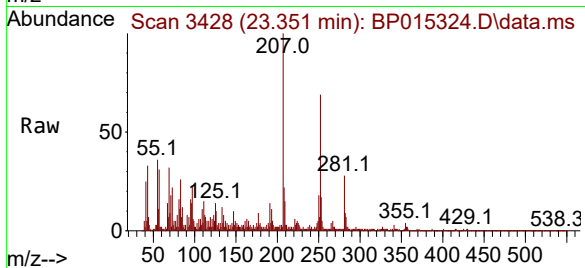
Acq: 26 May 2023 23:35

Instrument :

BNA_P

ClientSampleId :

SU-621-COMP-01



Tgt Ion:252 Resp: 180599

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.4

125 20.8 7.4 11.0#

