

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021541.D
 Acq On : 16 Aug 2024 15:54
 Operator : RC/JU
 Sample : P3518-07RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

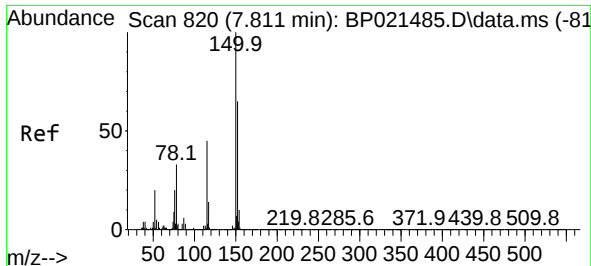
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-04-080724RE

Quant Time: Aug 16 16:21:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	467262	20.000	ng	0.01
21) Naphthalene-d8	10.610	136	1831532	20.000	ng	0.01
39) Acenaphthene-d10	14.463	164	983158	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1814668	20.000	ng	0.02
76) Chrysene-d12	21.716	240	1720162	20.000	ng	0.02
86) Perylene-d12	25.145	264	2107755	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	2142603	68.087	ng	0.02
7) Phenol-d6	6.981	99	3020891	65.807	ng	0.02
23) Nitrobenzene-d5	8.963	82	1732640	48.828	ng	0.01
42) 2,4,6-Tribromophenol	15.975	330	673344	61.537	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2273211	35.287	ng	0.00
79) Terphenyl-d14	19.980	244	2751973	31.080	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.716	139	95	Below Cal	#	1
32) Benzoic acid	9.904	122	488	3.370	ng	# 30
48) 2-Nitroaniline	13.504	65	154	5.156	ng	# 50
51) 2,6-Dinitrotoluene	14.063	165	220	4.001	ng	# 91
53) 3-Nitroaniline	14.369	138	113	3.977	ng	# 1
54) 2,4-Dinitrophenol	14.551	184	76	2.462	ng	# 1
56) 4-Nitrophenol	14.675	139	3313	5.363	ng	# 1
57) 2,4-Dinitrotoluene	14.816	165	343	5.041	ng	# 61
62) 4-Nitroaniline	15.587	138	395	2.962	ng	# 82
65) 4,6-Dinitro-2-methylph...	15.592	198	154	4.643	ng	# 1
75) Fluoranthene	19.386	202	274944	2.568	ng	# 100
77) Benzidine	19.569	184	1121	4.594	ng	# 1
78) Pyrene	19.763	202	247156	2.198	ng	# 100
80) Butylbenzylphthalate	20.716	149	5181	3.715	ng	# 57
85) Di-n-octyl phthalate	22.974	149	675	4.842	ng	# 47

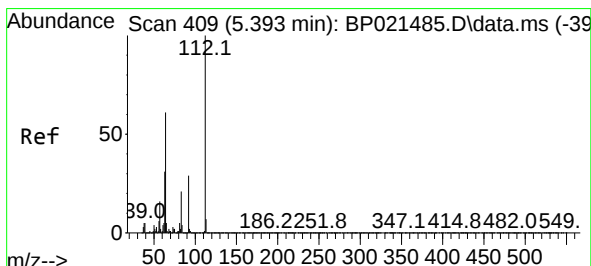
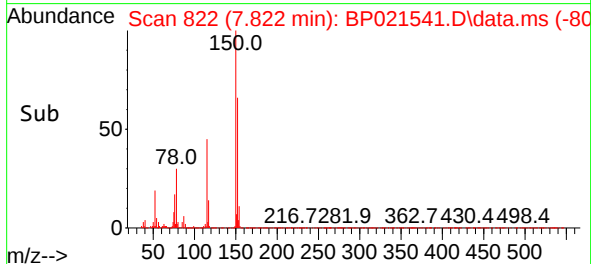
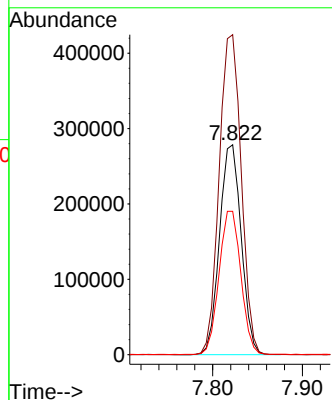
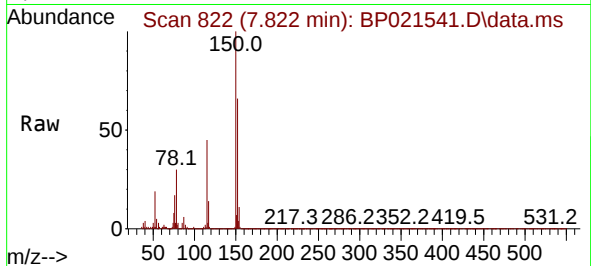
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.011 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

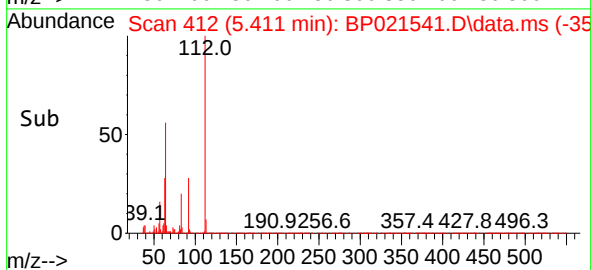
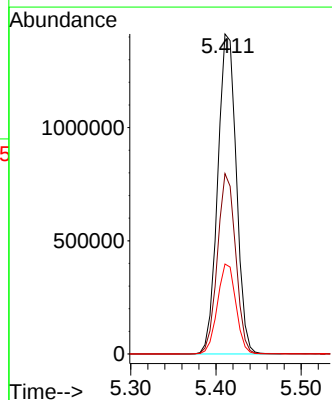
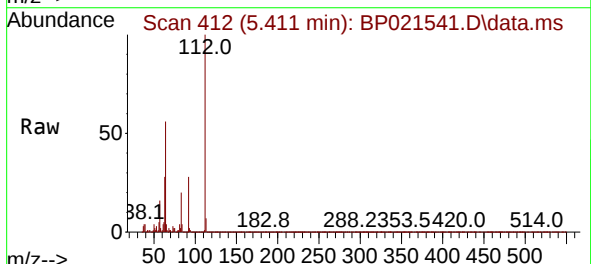
Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

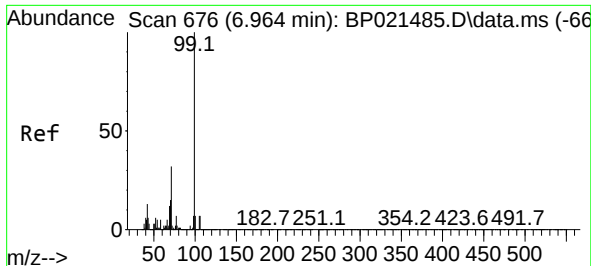
Tgt Ion:152 Resp: 467262
Ion Ratio Lower Upper
152 100
150 152.4 122.4 183.6
115 68.3 54.7 82.1



#5
2-Fluorophenol
Concen: 68.087 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

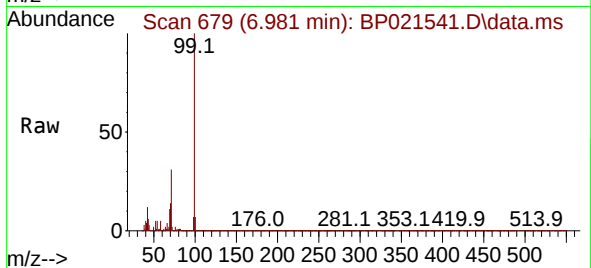
Tgt Ion:112 Resp: 2142603
Ion Ratio Lower Upper
112 100
64 56.4 49.0 73.6
63 28.1 24.6 36.8



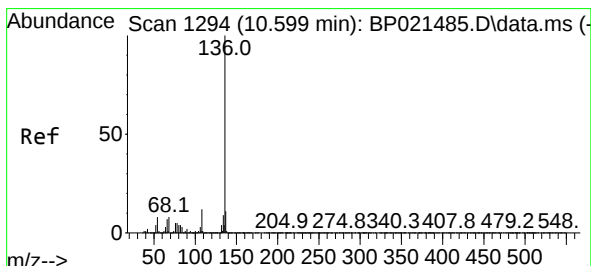
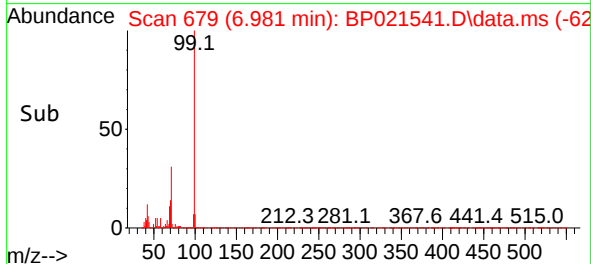
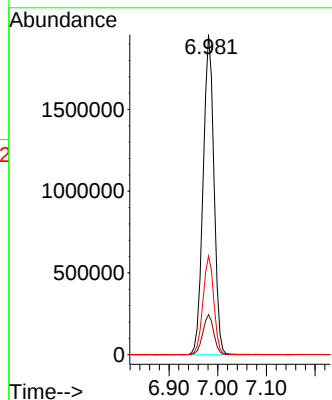


#7
Phenol-d6
Concen: 65.807 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

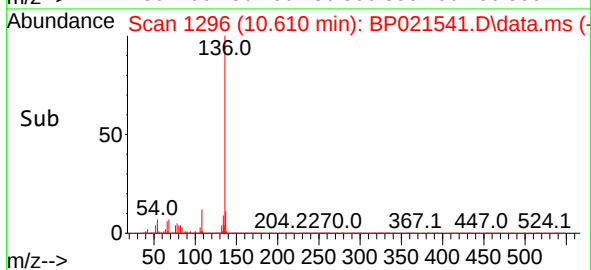
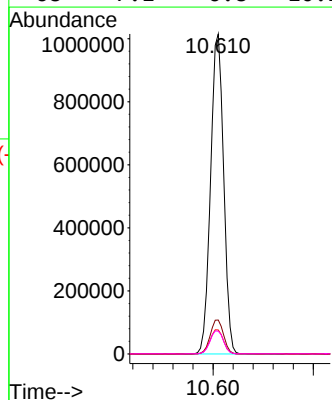
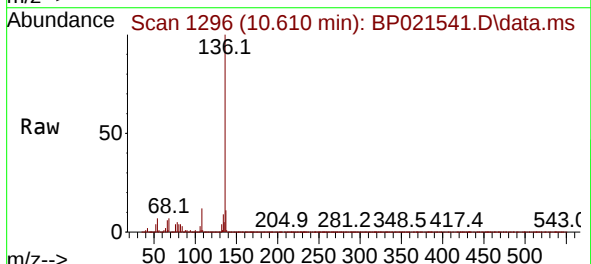


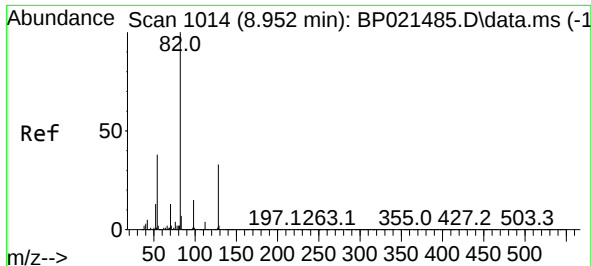
Tgt Ion: 99 Resp: 3020891
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.011 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion: 136 Resp: 1831532
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 6.3 9.5
68 7.1 6.8 10.2





#23

Nitrobenzene-d5

Concen: 48.828 ng

RT: 8.963 min Scan# 1016

Delta R.T. 0.012 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-04-080724RE

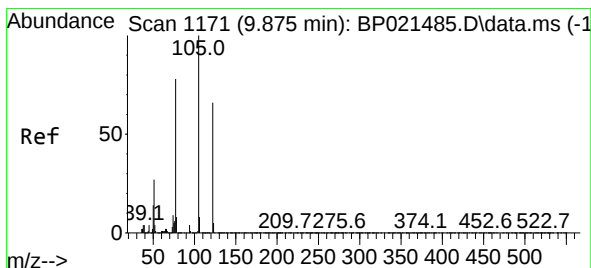
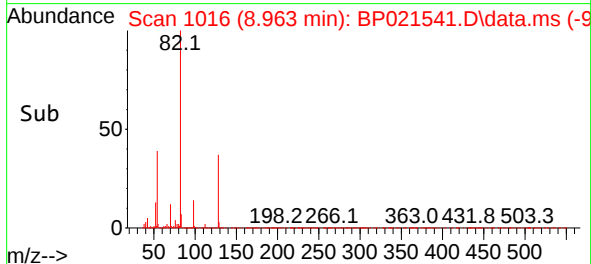
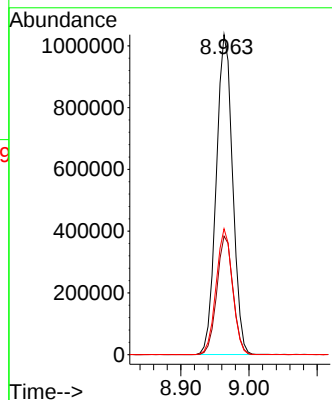
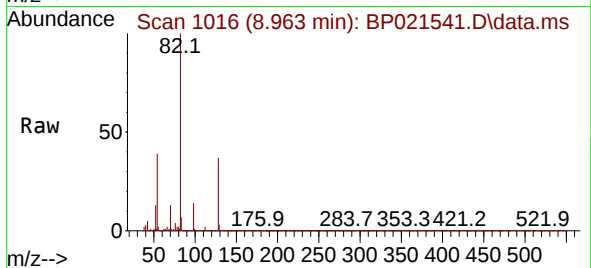
Tgt Ion: 82 Resp: 1732640

Ion Ratio Lower Upper

82 100

128 37.1 26.5 39.7

54 39.4 30.3 45.5



#32

Benzoic acid

Concen: 3.370 ng

RT: 9.904 min Scan# 1176

Delta R.T. 0.029 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

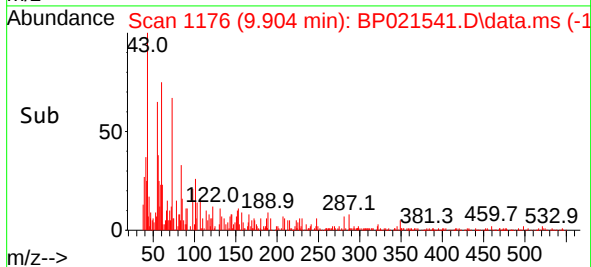
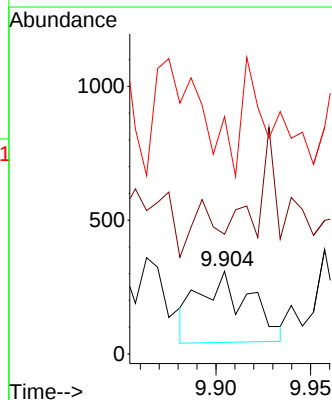
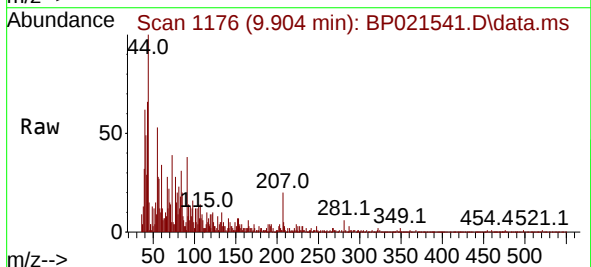
Tgt Ion:122 Resp: 488

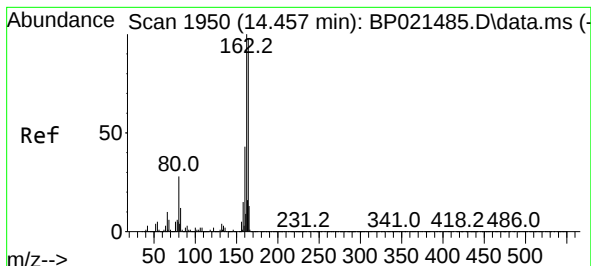
Ion Ratio Lower Upper

122 100

105 144.7 124.6 164.6

77 287.1 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

Delta R.T. 0.006 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-04-080724RE

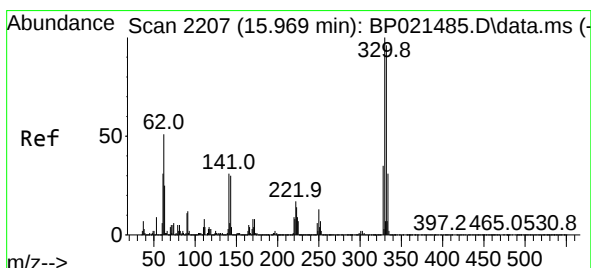
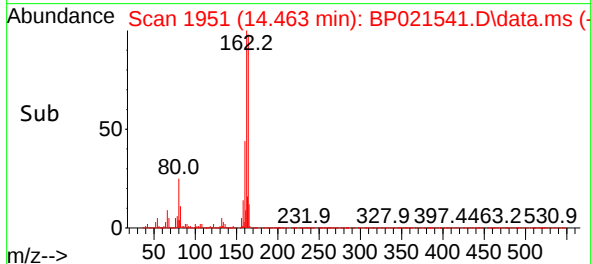
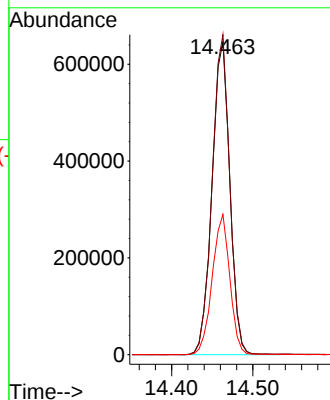
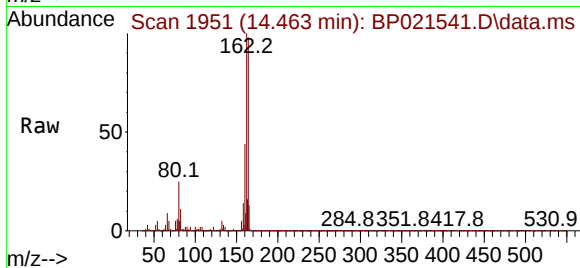
Tgt Ion:164 Resp: 983158

Ion Ratio Lower Upper

164 100

162 102.3 81.5 122.3

160 44.9 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 61.537 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

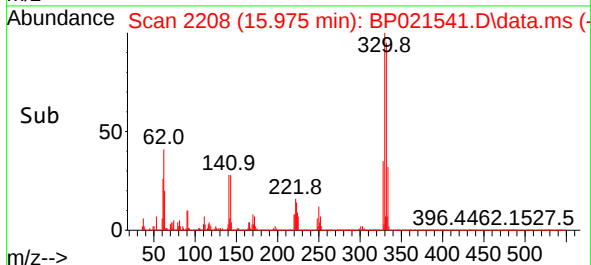
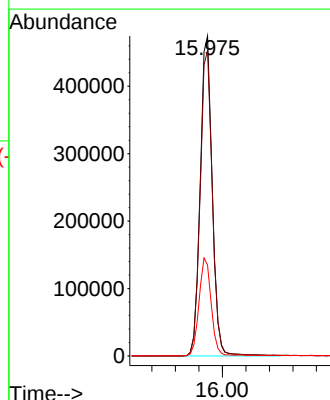
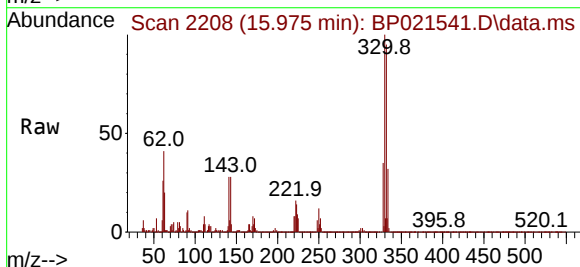
Tgt Ion:330 Resp: 673344

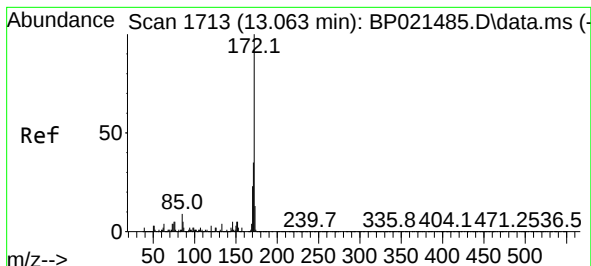
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 30.9 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 35.287 ng

RT: 13.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-04-080724RE

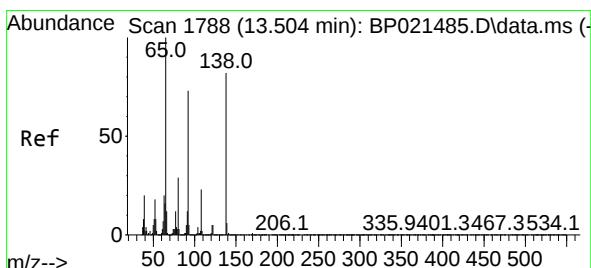
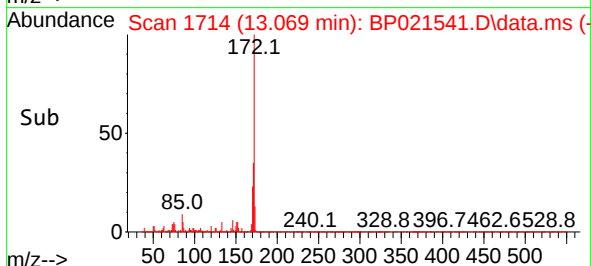
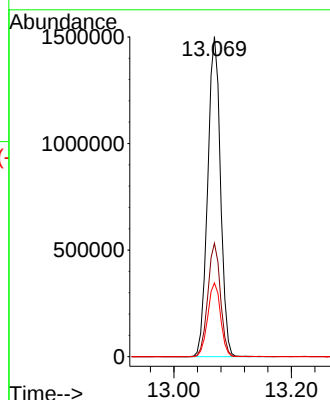
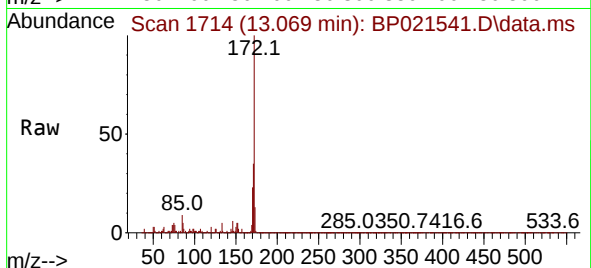
Tgt Ion:172 Resp: 2273211

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.1 18.4 27.6



#48

2-Nitroaniline

Concen: 5.156 ng

RT: 13.504 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

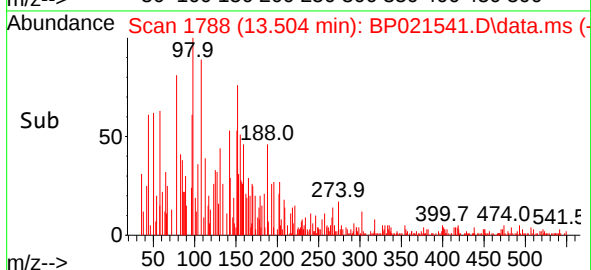
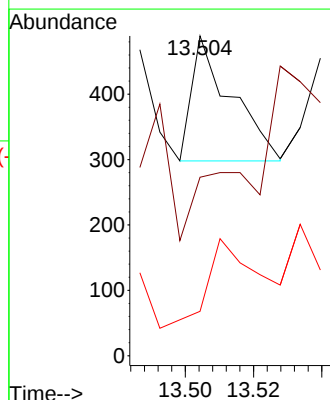
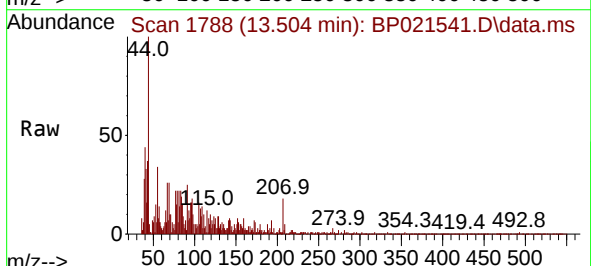
Tgt Ion: 65 Resp: 154

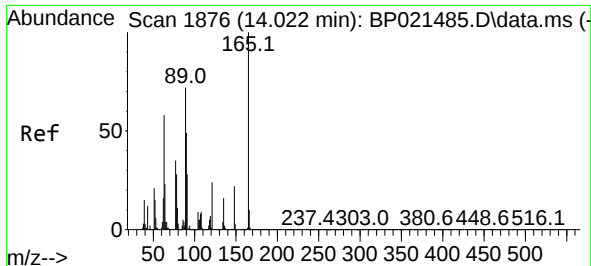
Ion Ratio Lower Upper

65 100

92 55.8 58.1 87.1#

138 13.9 65.5 98.3#

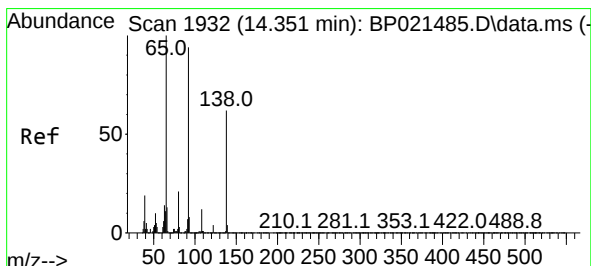
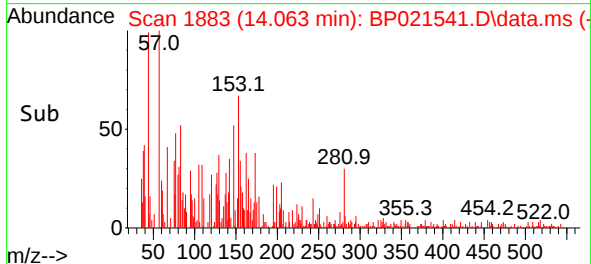
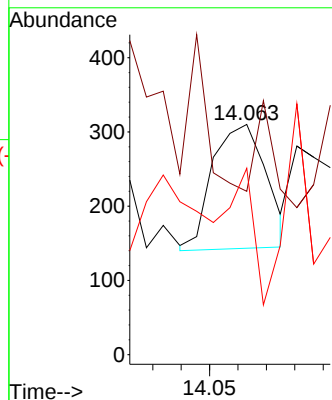
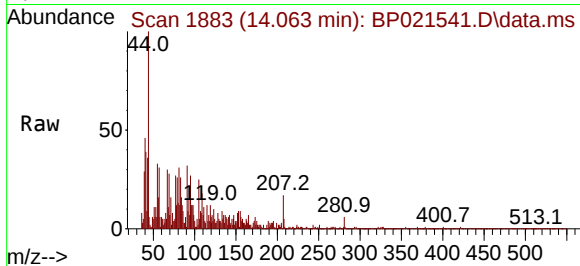




#51
2,6-Dinitrotoluene
Concen: 4.001 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.041 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

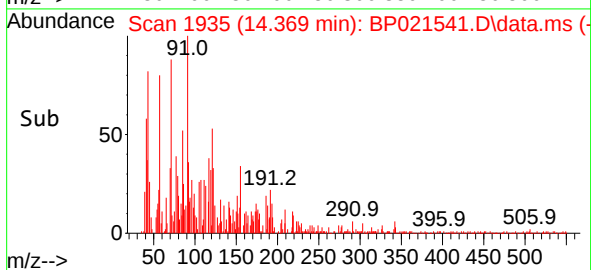
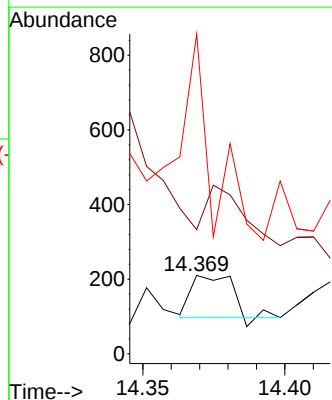
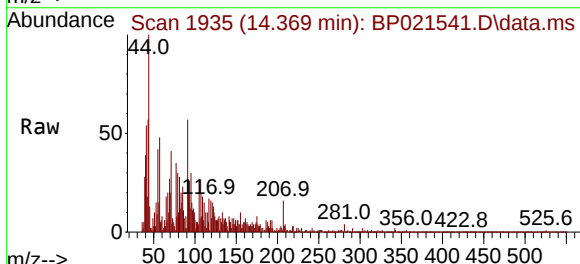
Instrument :
BNA_P
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OU4-TS-04-080724RE

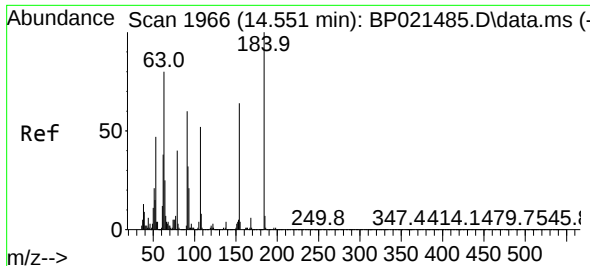
Tgt Ion:165 Resp: 220
Ion Ratio Lower Upper
165 100
63 71.0 51.5 77.3
89 81.0 57.8 86.8



#53
3-Nitroaniline
Concen: 3.977 ng
RT: 14.369 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion:138 Resp: 113
Ion Ratio Lower Upper
138 100
108 158.6 16.2 24.4#
92 408.1 122.2 183.4#

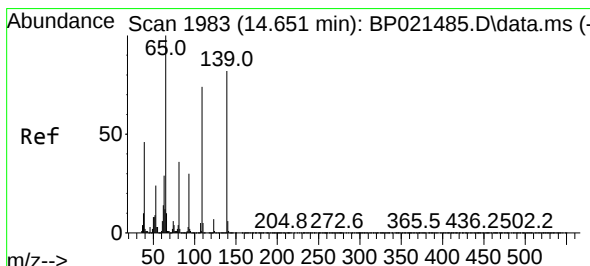
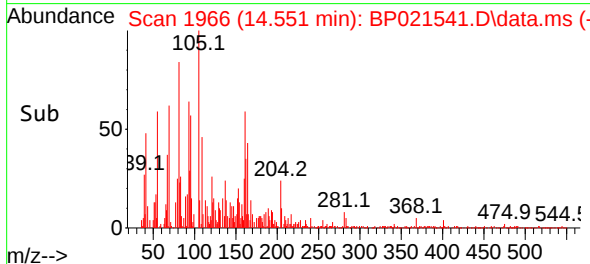
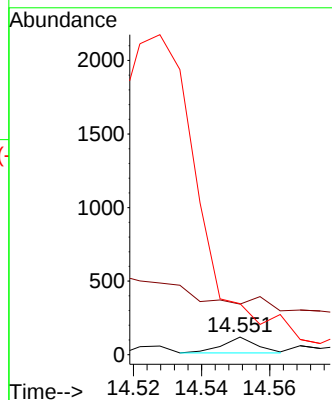
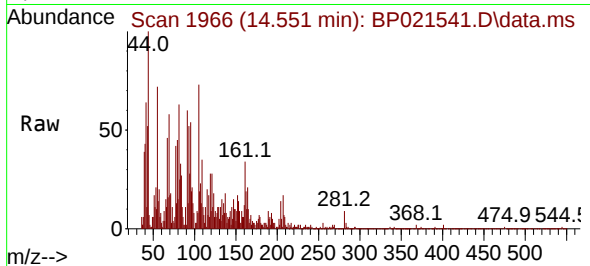




#54
2,4-Dinitrophenol
Concen: 2.462 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

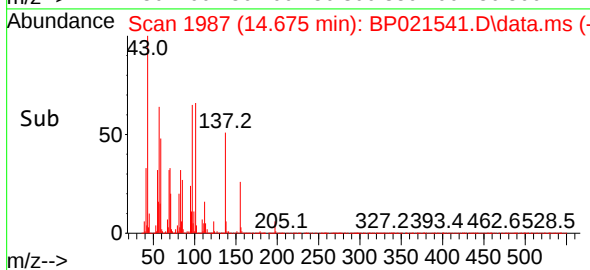
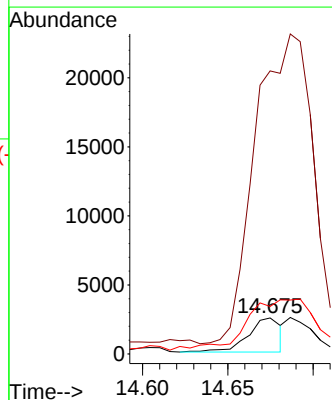
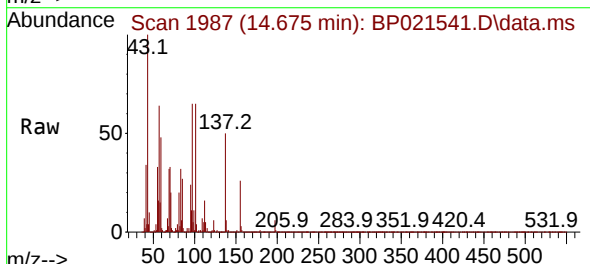
Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

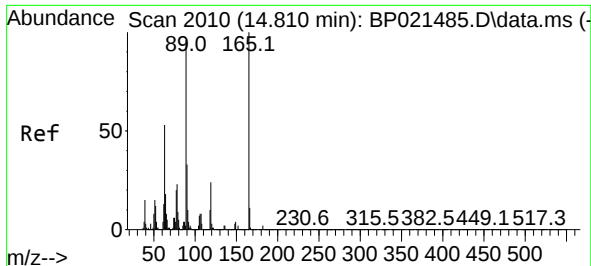
Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 286.7 64.9 97.3#
154 289.2 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.363 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.024 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion:139 Resp: 3313
Ion Ratio Lower Upper
139 100
109 785.3 70.2 110.2#
65 131.9 101.8 141.8

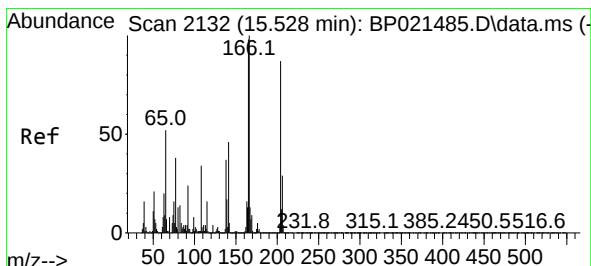
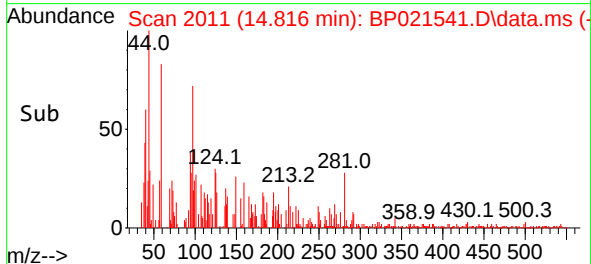
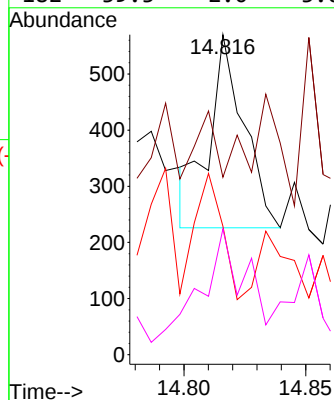
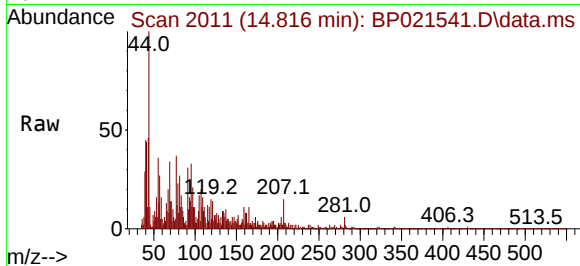




#57
2,4-Dinitrotoluene
Concen: 5.041 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

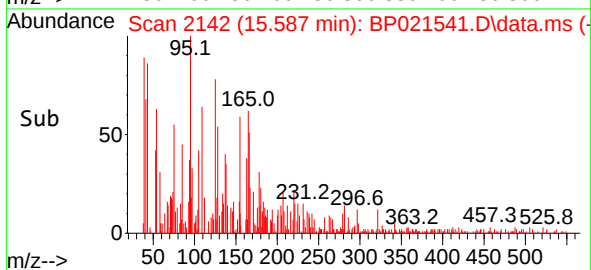
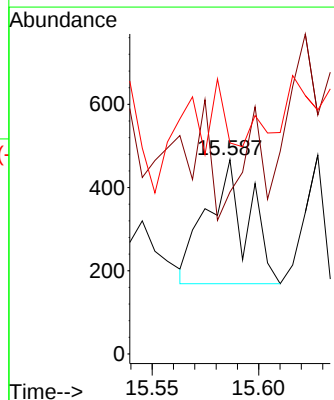
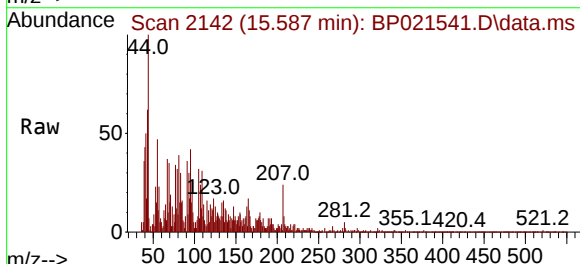
Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

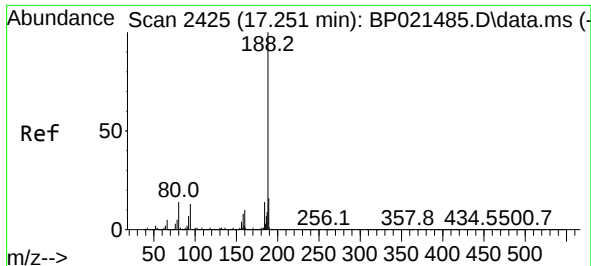
Tgt Ion:165 Resp: 343
Ion Ratio Lower Upper
165 100
63 55.4 42.5 63.7
89 40.2 77.1 115.7#
182 39.3 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.962 ng
RT: 15.587 min Scan# 2142
Delta R.T. 0.059 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion:138 Resp: 395
Ion Ratio Lower Upper
138 100
92 83.3 46.4 86.4
108 108.6 73.2 113.2

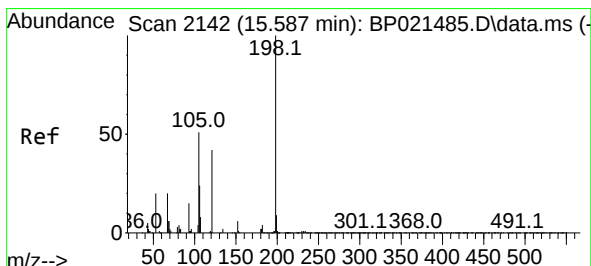
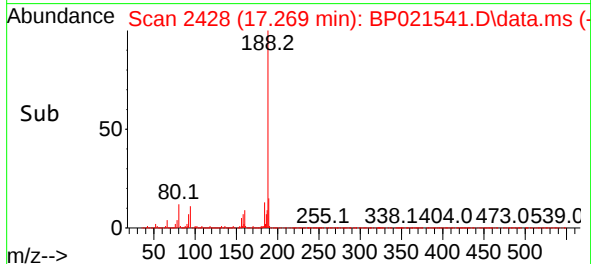
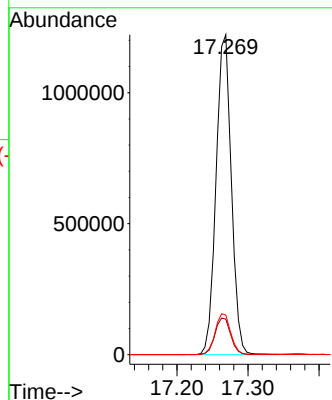
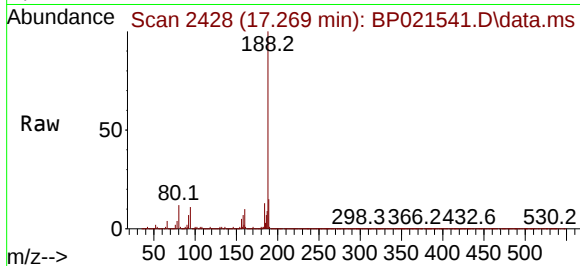




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2425
Delta R.T. 0.018 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

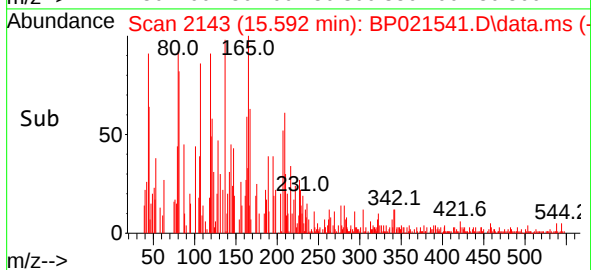
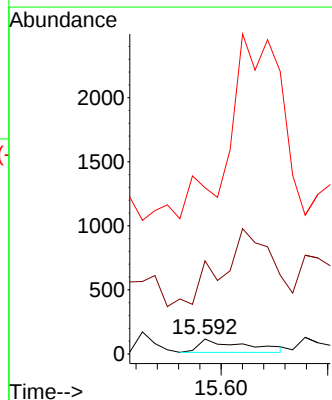
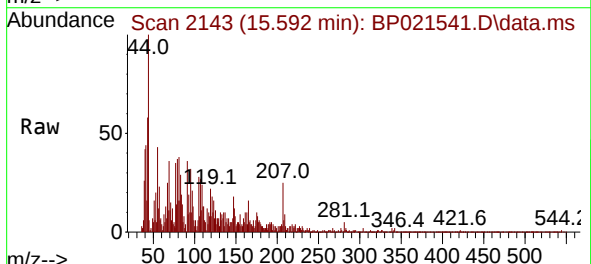
Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

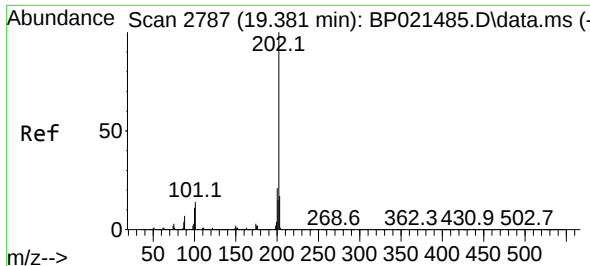
Tgt Ion:188 Resp: 1814668
Ion Ratio Lower Upper
188 100
94 11.1 10.2 15.4
80 12.4 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.643 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.005 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion:198 Resp: 154
Ion Ratio Lower Upper
198 100
51 625.9 21.5 61.5#
105 1118.1 32.9 72.9#

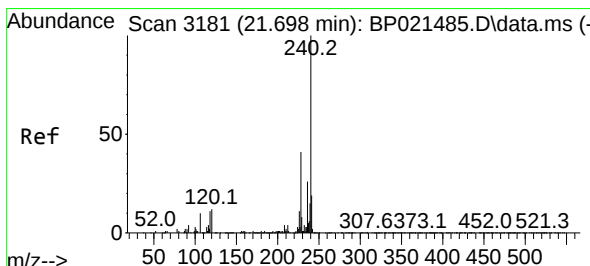
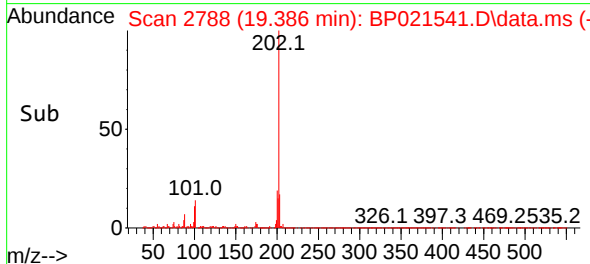
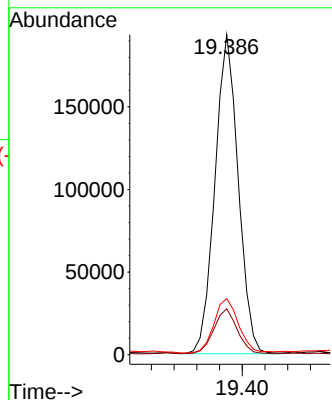
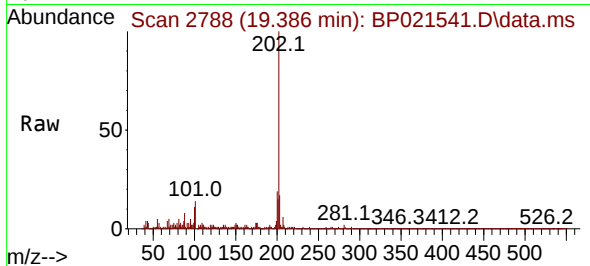




#75
Fluoranthene
Concen: 2.568 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

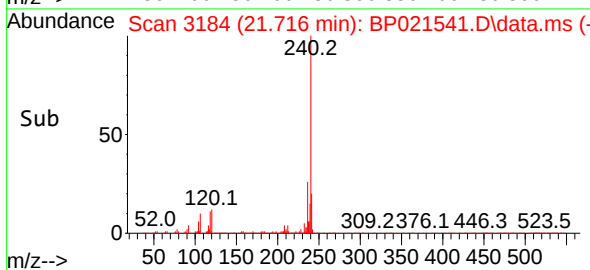
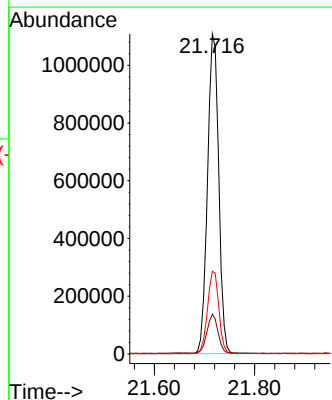
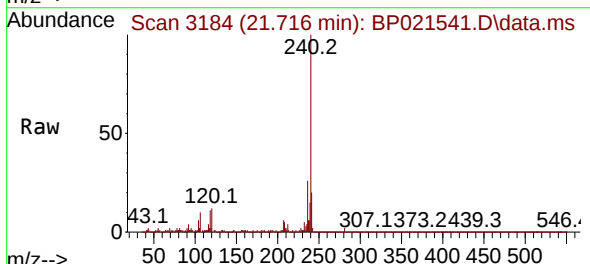
Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

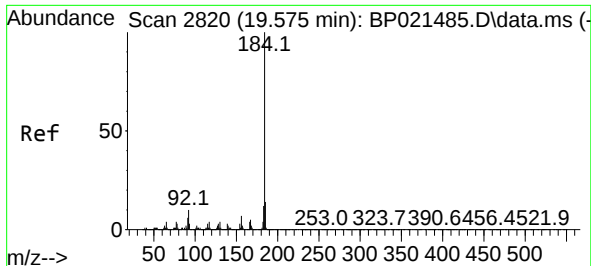
Tgt Ion:202 Resp: 274944
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.0
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion:240 Resp: 1720162
Ion Ratio Lower Upper
240 100
120 12.5 9.9 14.9
236 25.8 20.6 30.8

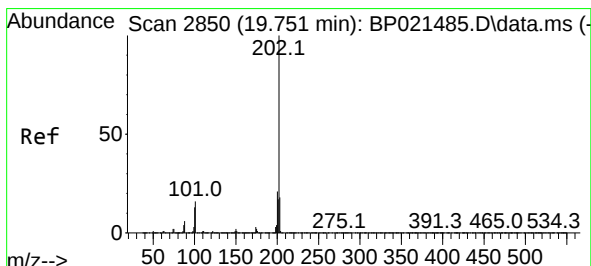
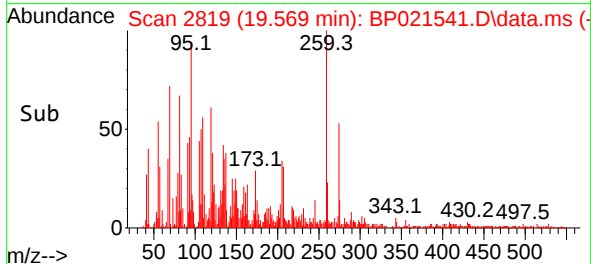
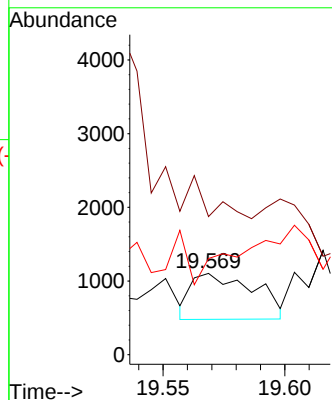
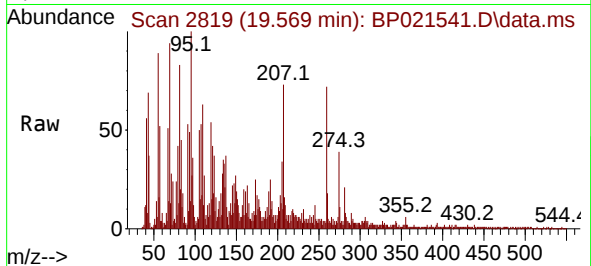




#77
Benzidine
Concen: 4.594 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

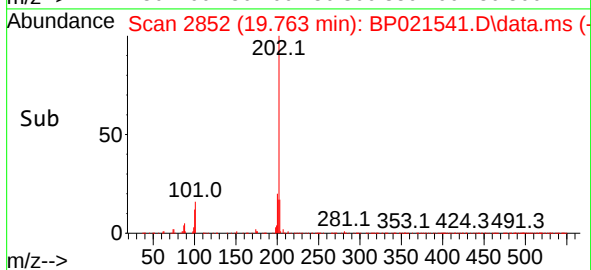
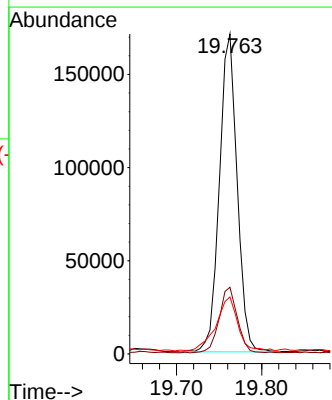
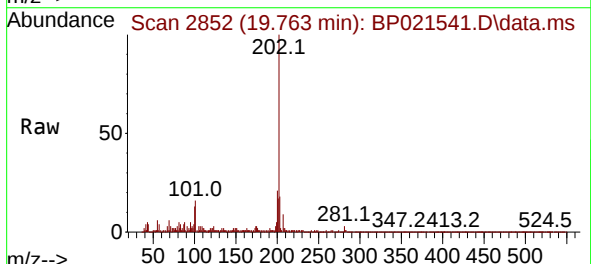
Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

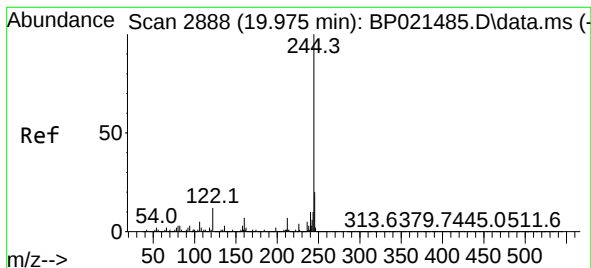
Tgt Ion:184 Resp: 1121
Ion Ratio Lower Upper
184 100
185 169.8 11.4 17.0#
183 118.2 9.3 13.9#



#78
Pyrene
Concen: 2.198 ng
RT: 19.763 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion:202 Resp: 247156
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 31.080 ng

RT: 19.980 min Scan# 2888

Delta R.T. 0.005 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-04-080724RE

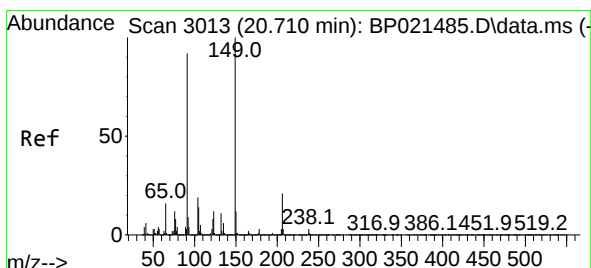
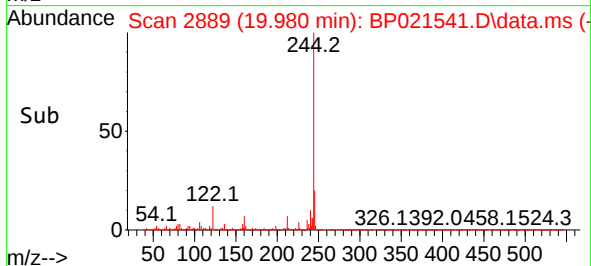
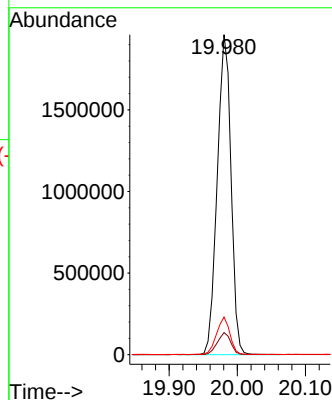
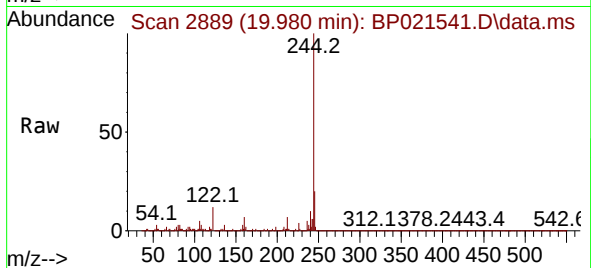
Tgt Ion:244 Resp: 2751973

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.715 ng

RT: 20.716 min Scan# 3014

Delta R.T. 0.006 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

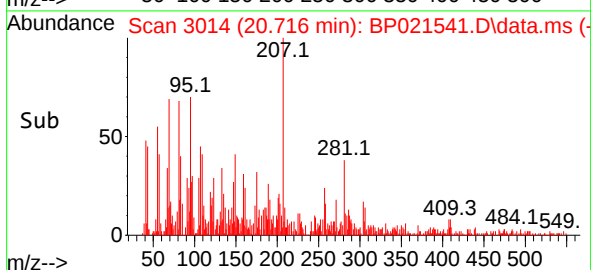
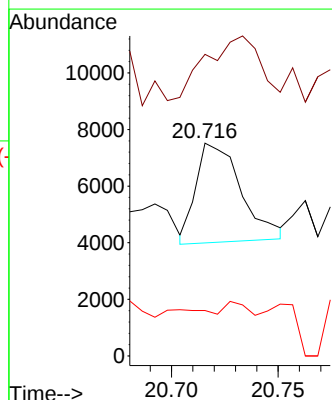
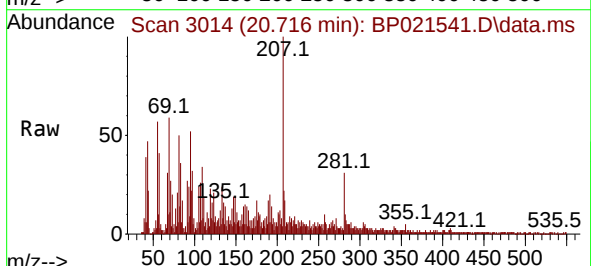
Tgt Ion:149 Resp: 5181

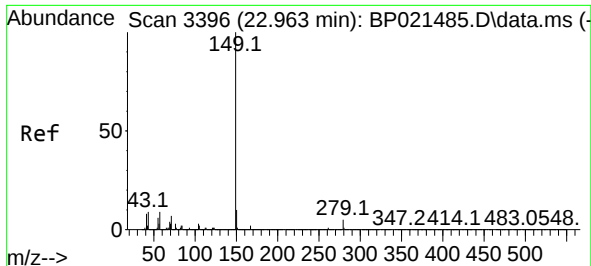
Ion Ratio Lower Upper

149 100

91 141.7 73.3 109.9#

206 21.3 17.1 25.7

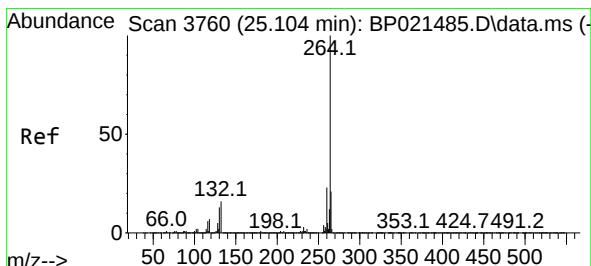
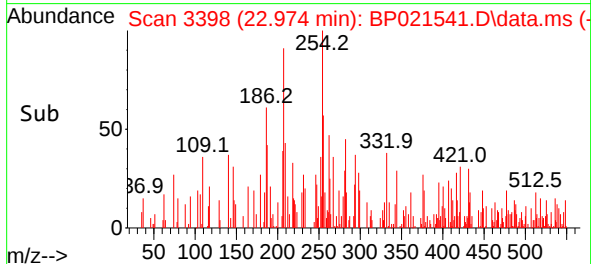
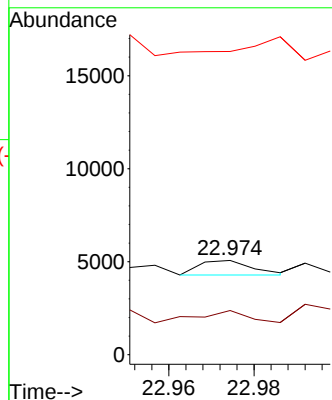
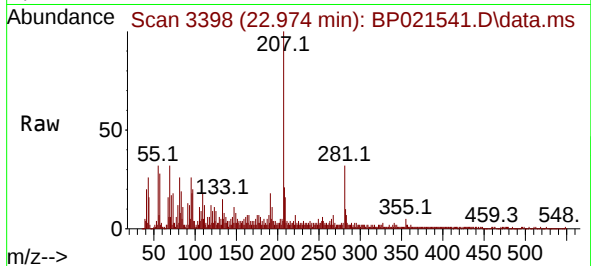




#85
Di-n-octyl phthalate
Concen: 4.842 ng
RT: 22.974 min Scan# 31
Delta R.T. 0.011 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

Tgt Ion:149 Resp: 675
Ion Ratio Lower Upper
149 100
167 79.6 1.3 1.9#
43 0.0 7.3 10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.145 min Scan# 3767
Delta R.T. 0.041 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion:264 Resp: 2107755
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.8 17.1 25.7

