

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021619.D
 Acq On : 22 Aug 2024 18:41
 Operator : RC/JU
 Sample : P3518-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-09-080724

Quant Time: Aug 23 00:53:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 11:12:31 2024
 Response via : Initial Calibration

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

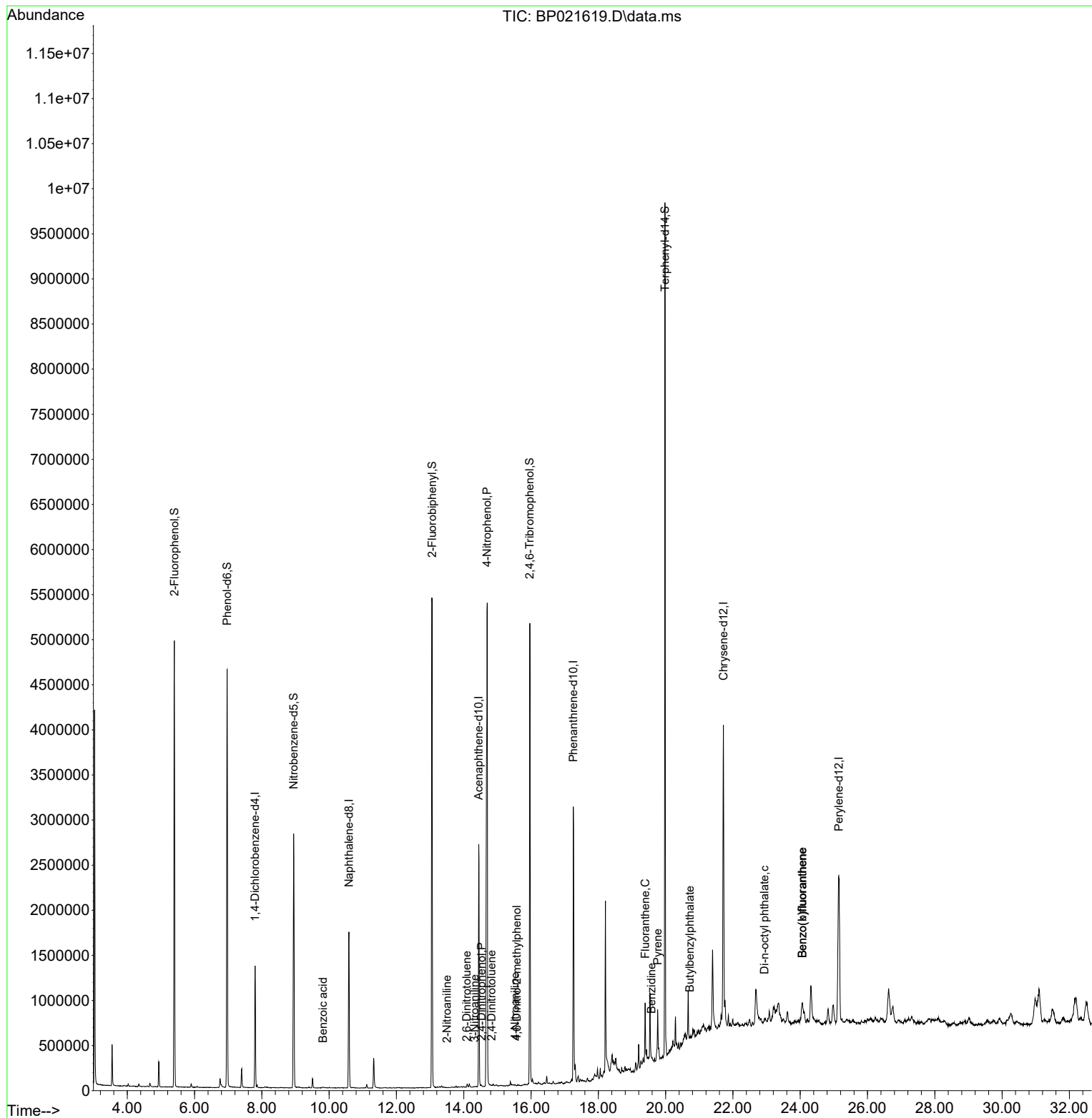
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	352434	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1405074	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	872533	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1872743	20.000	ng	0.00
76) Chrysene-d12	21.716	240	1824677	20.000	ng	0.00
86) Perylene-d12	25.145	264	2134055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2236247	94.217	ng	0.00
7) Phenol-d6	6.969	99	3117879	90.049	ng	0.00
23) Nitrobenzene-d5	8.946	82	1851453	68.013	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1016626	104.689	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2841645	49.704	ng	0.00
79) Terphenyl-d14	19.980	244	4081360	43.454	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.722	139	137	Below Cal	#	1
32) Benzoic acid	9.816	122	5002	3.994	ng	90
48) 2-Nitroaniline	13.498	65	103	5.154	ng	# 55
51) 2,6-Dinitrotoluene	14.087	165	388	4.016	ng	91
53) 3-Nitroaniline	14.322	138	129	3.979	ng	# 1
54) 2,4-Dinitrophenol	14.528	184	76	2.466	ng	# 1
56) 4-Nitrophenol	14.692	139	11295	6.170	ng	# 1
57) 2,4-Dinitrotoluene	14.822	165	572	5.057	ng	# 73
62) 4-Nitroaniline	15.522	138	138	2.946	ng	# 45
65) 4,6-Dinitro-2-methylph...	15.575	198	48	4.617	ng	# 1
75) Fluoranthene	19.392	202	357135	3.232	ng	99
77) Benzidine	19.580	184	864	4.588	ng	# 1
78) Pyrene	19.763	202	347831	2.916	ng	100
80) Butylbenzylphthalate	20.722	149	2273	3.649	ng	# 28
85) Di-n-octyl phthalate	22.939	149	1490	4.847	ng	# 1
88) Benzo(b)fluoranthene	24.063	252	311178	2.539	ng	# 93
89) Benzo(k)fluoranthene	24.063	252	311178	2.603	ng	# 92

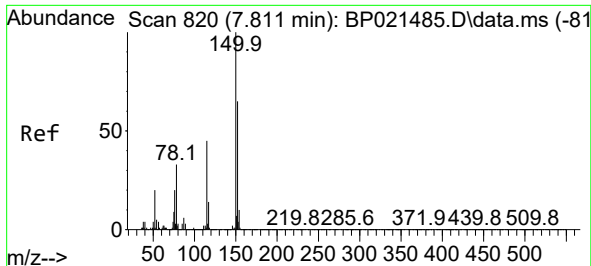
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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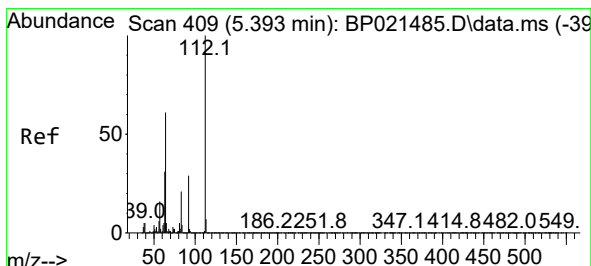
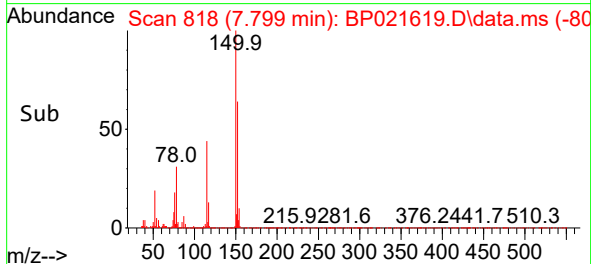
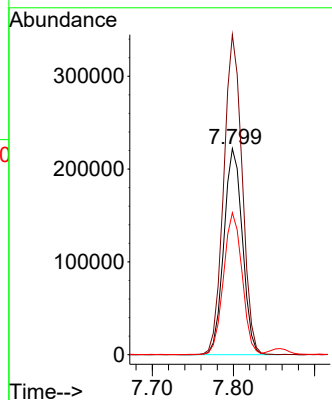
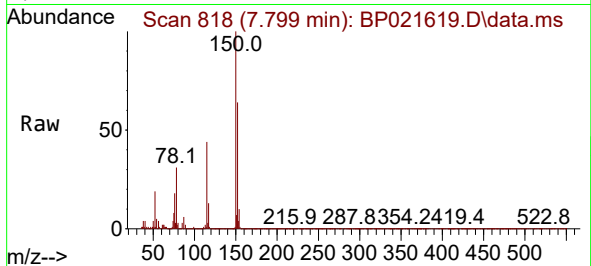




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

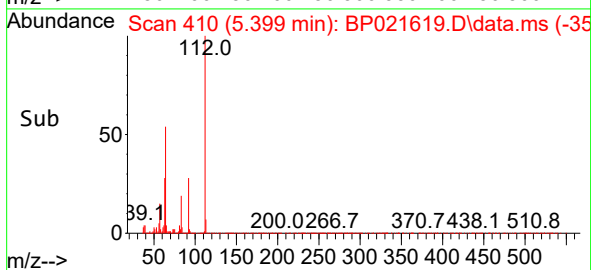
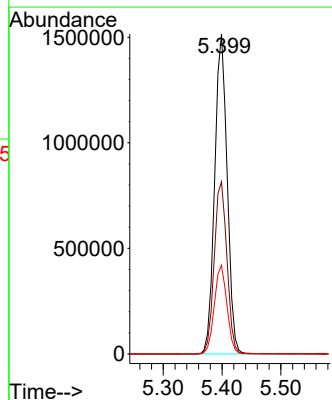
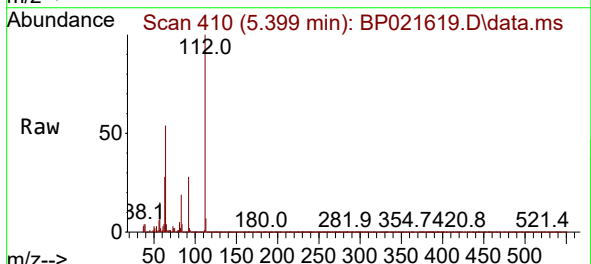
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

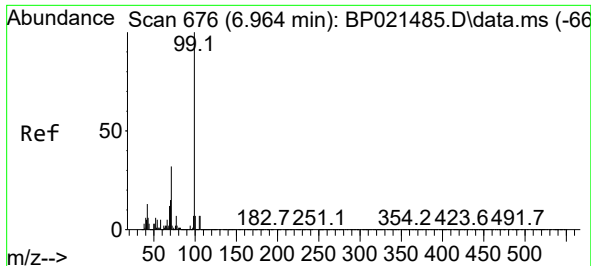
Tgt Ion:152 Resp: 352434
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 68.8 54.7 82.1



#5
2-Fluorophenol
Concen: 94.217 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:112 Resp: 2236247
Ion Ratio Lower Upper
112 100
64 53.8 49.0 73.6
63 27.8 24.6 36.8

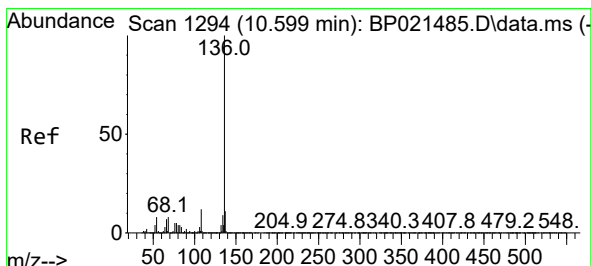
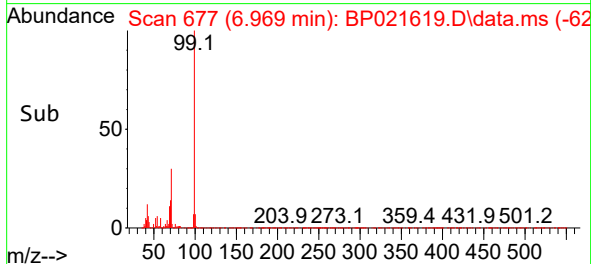
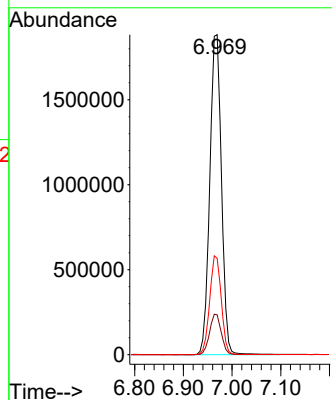
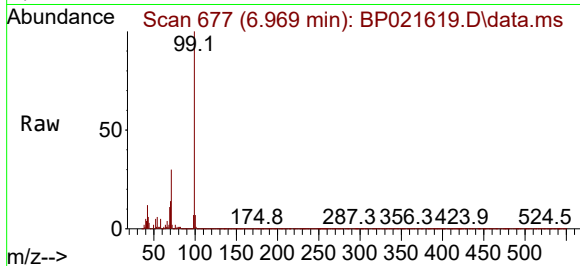




#7
Phenol-d6
Concen: 90.049 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

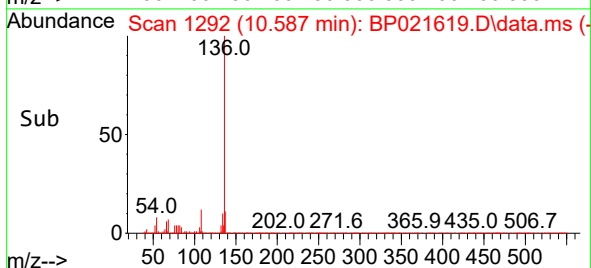
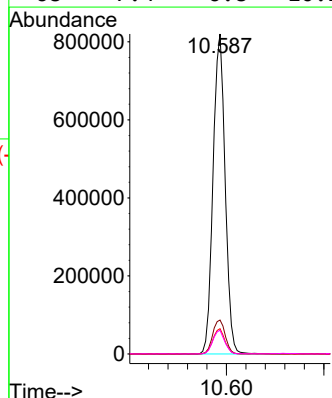
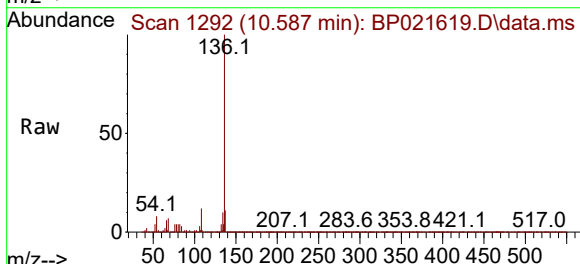
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

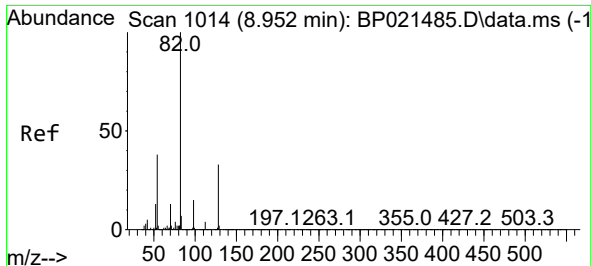
Tgt Ion: 99 Resp: 3117879
Ion Ratio Lower Upper
99 100
42 12.4 10.2 15.4
71 30.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:136 Resp: 1405074
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.9 6.3 9.5
68 7.4 6.8 10.2

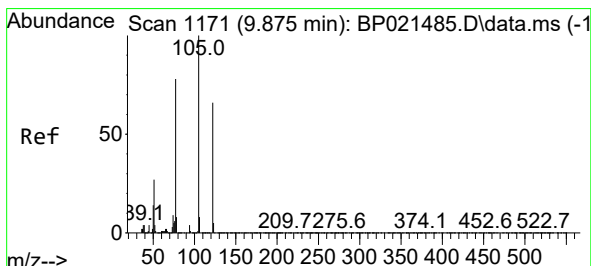
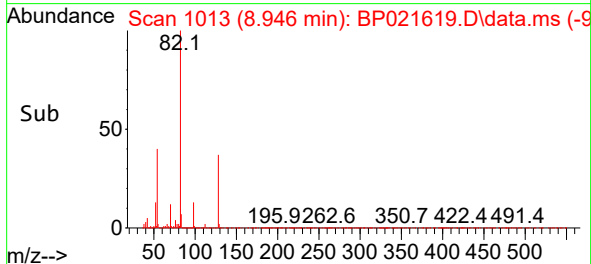
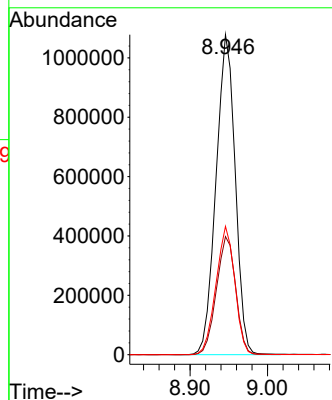
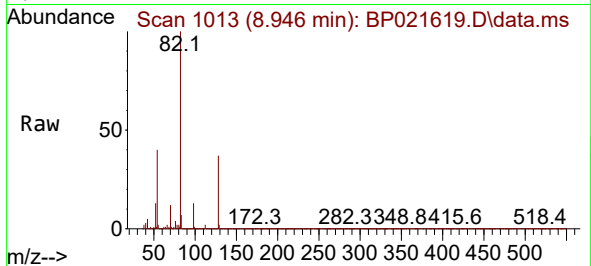




#23
Nitrobenzene-d5
Concen: 68.013 ng
RT: 8.946 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

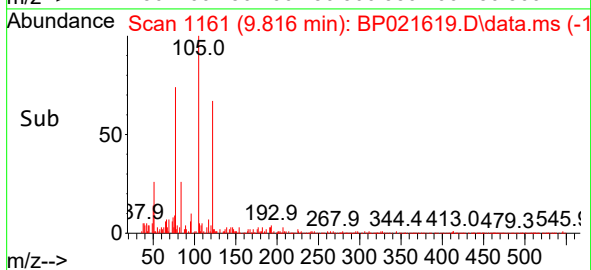
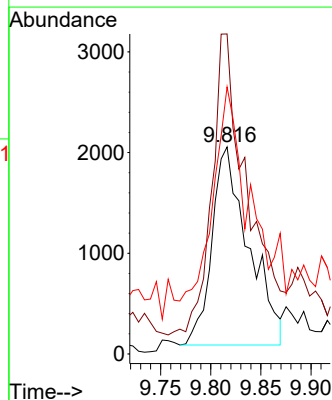
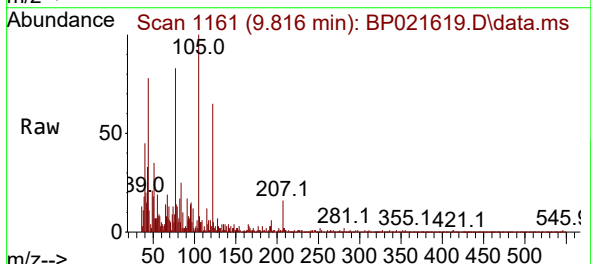
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

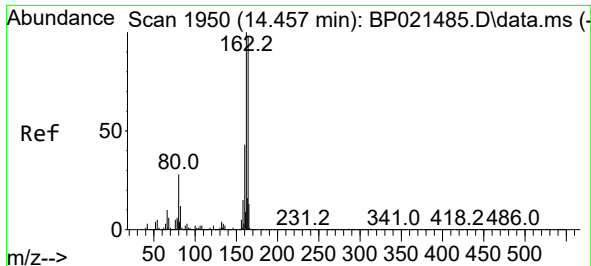
Tgt Ion: 82 Resp: 1851453
Ion Ratio Lower Upper
82 100
128 36.9 26.5 39.7
54 40.1 30.3 45.5



#32
Benzoic acid
Concen: 3.994 ng
RT: 9.816 min Scan# 1161
Delta R.T. -0.077 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:122 Resp: 5002
Ion Ratio Lower Upper
122 100
105 154.6 124.6 164.6
77 129.0 96.2 136.2

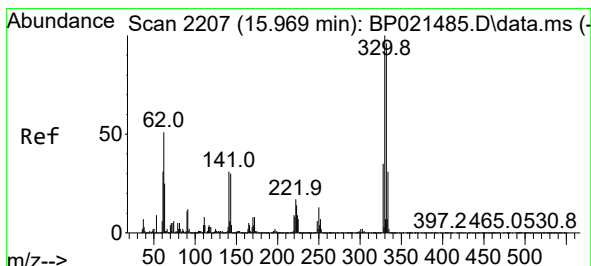
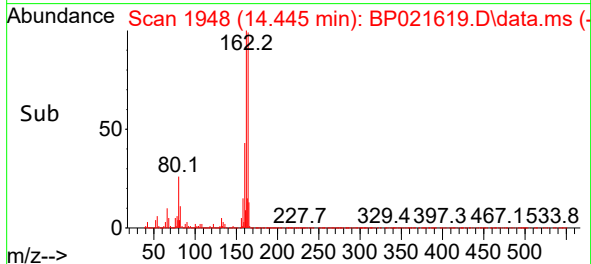
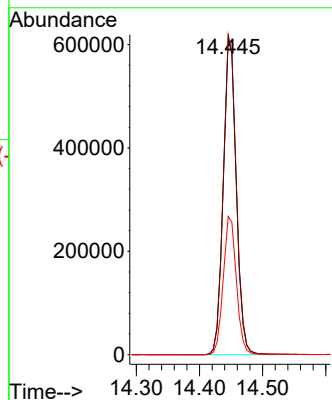
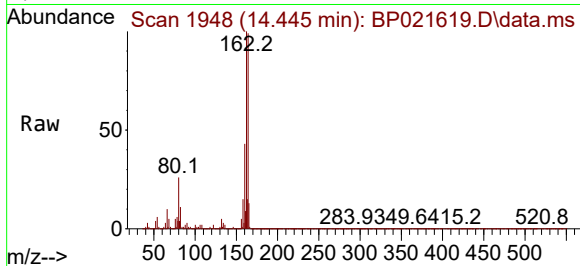




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

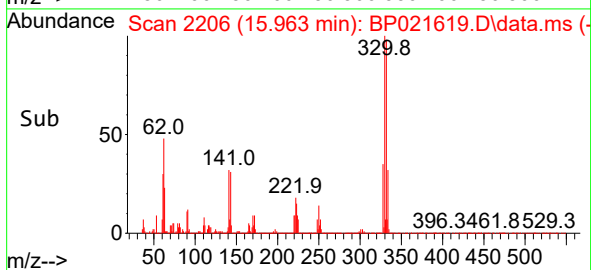
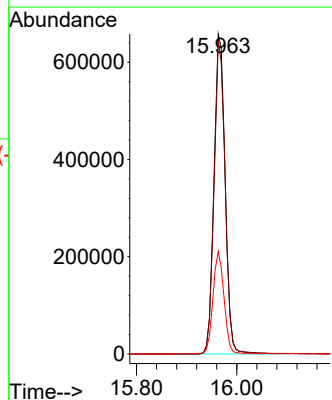
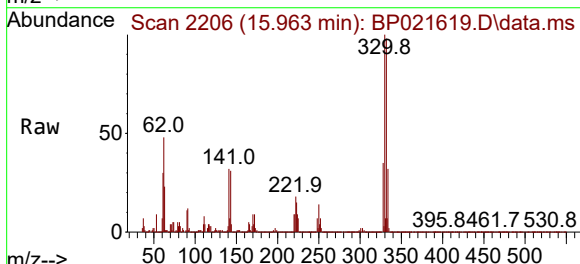
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

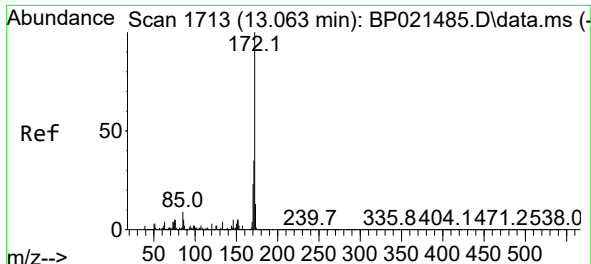
Tgt Ion:164 Resp: 872533
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 43.7 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 104.689 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:330 Resp: 1016626
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 31.7 24.5 36.7

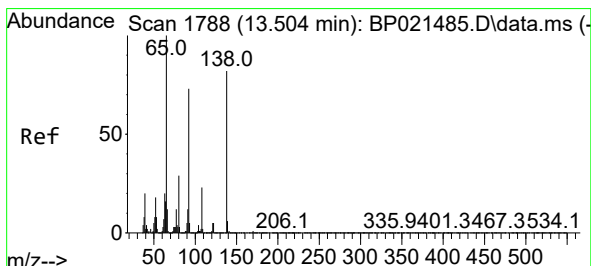
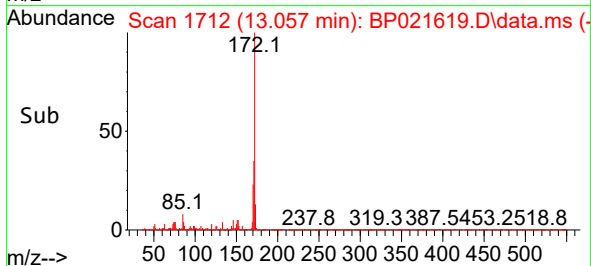
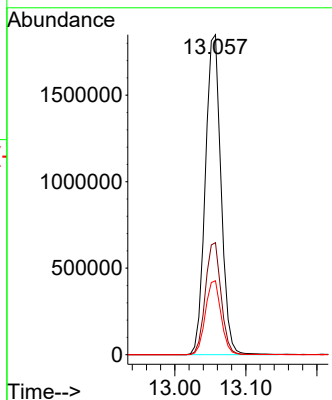
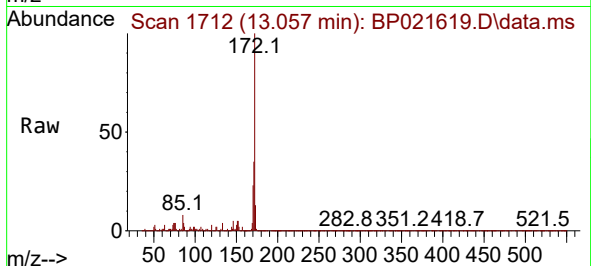




#45
2-Fluorobiphenyl
Concen: 49.704 ng
RT: 13.057 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

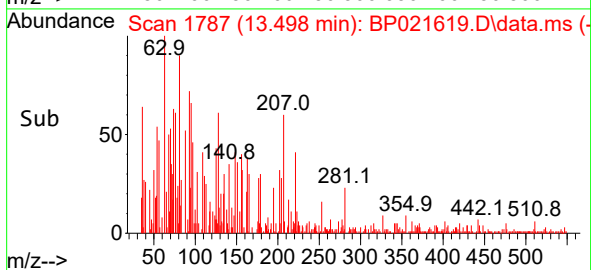
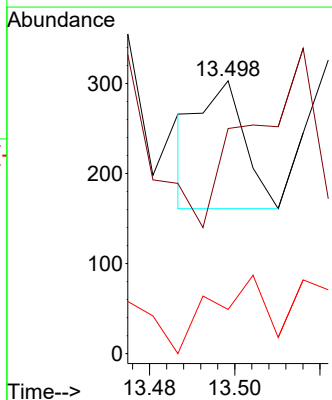
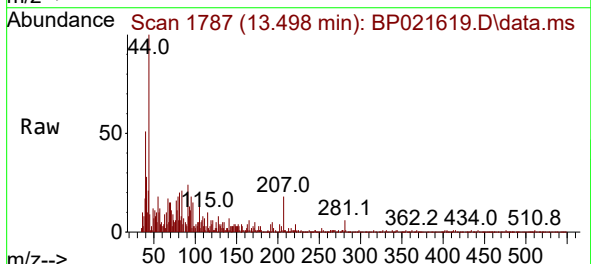
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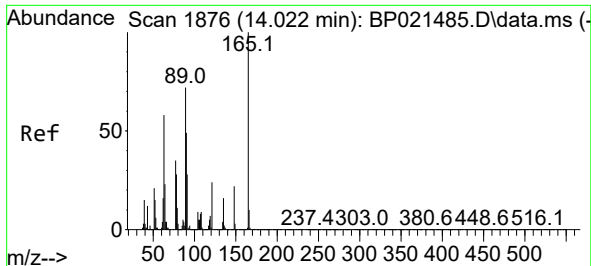
Tgt Ion:172 Resp: 2841645
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.1 18.4 27.6



#48
2-Nitroaniline
Concen: 5.154 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion: 65 Resp: 103
Ion Ratio Lower Upper
65 100
92 82.5 58.1 87.1
138 16.2 65.5 98.3#

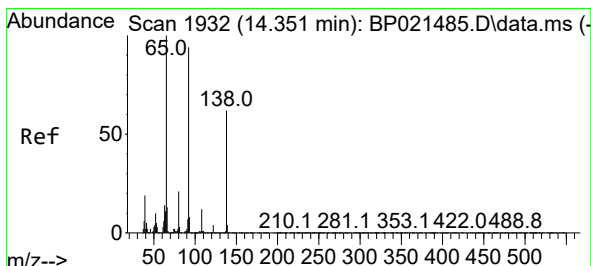
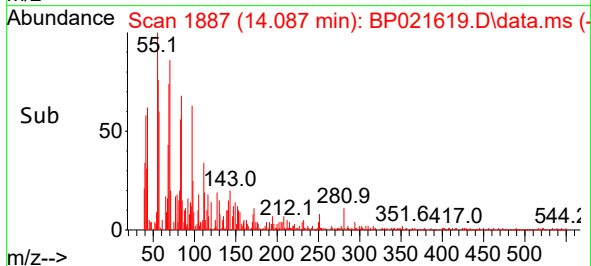
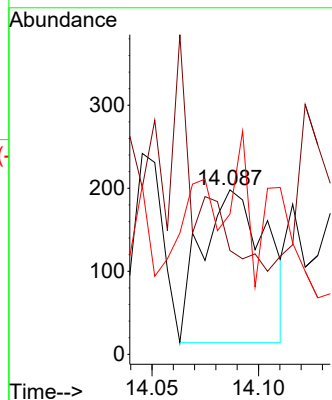
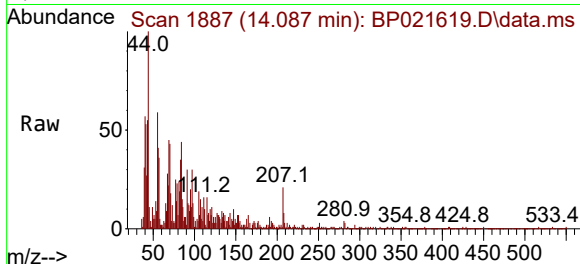




#51
2,6-Dinitrotoluene
Concen: 4.016 ng
RT: 14.087 min Scan# 1887
Delta R.T. 0.082 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

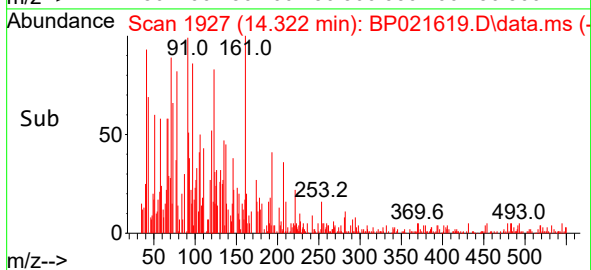
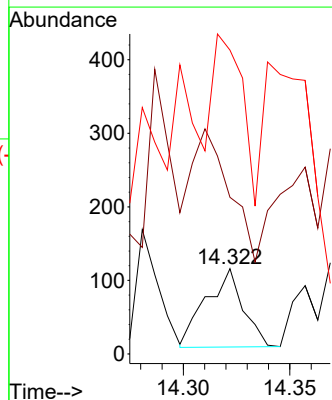
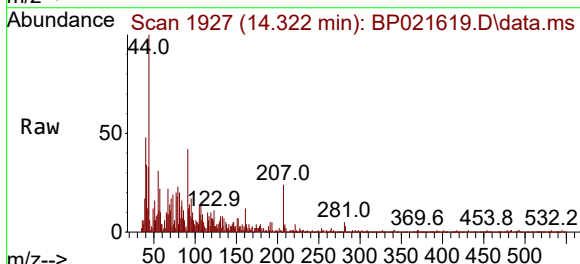
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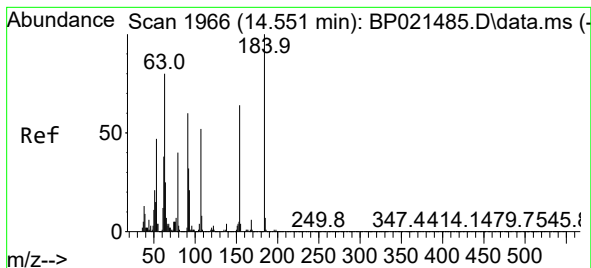
Tgt Ion:165 Resp: 388
Ion Ratio Lower Upper
165 100
63 63.1 51.5 77.3
89 85.4 57.8 86.8



#53
3-Nitroaniline
Concen: 3.979 ng
RT: 14.322 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:138 Resp: 129
Ion Ratio Lower Upper
138 100
108 183.6 16.2 24.4#
92 356.0 122.2 183.4#

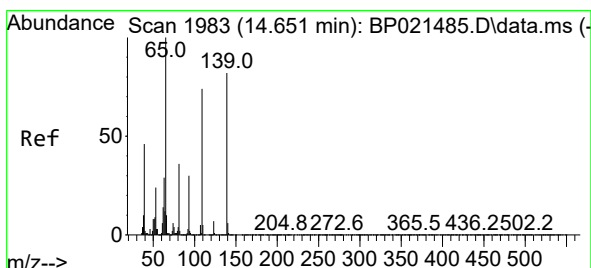
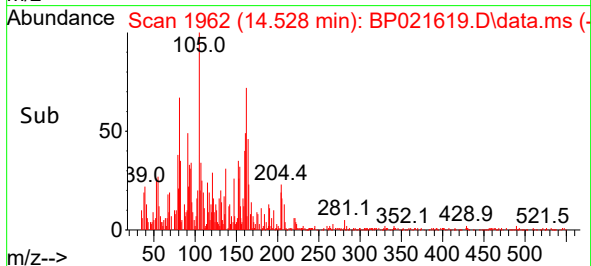
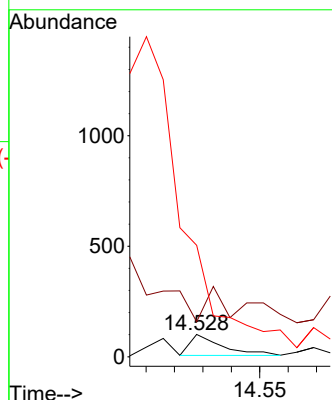
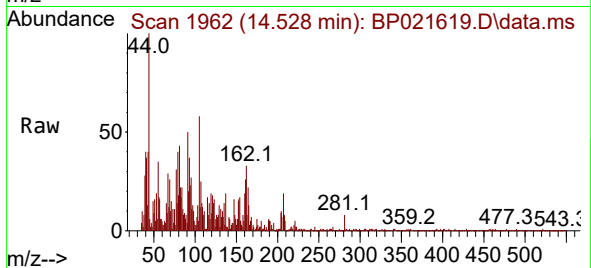




#54
2,4-Dinitrophenol
Concen: 2.466 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

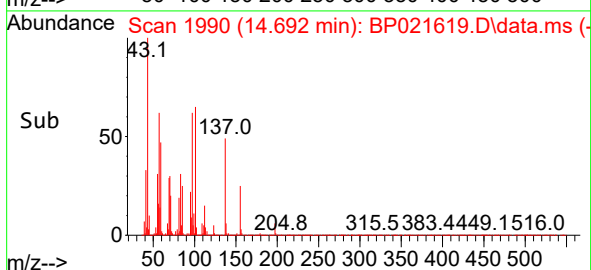
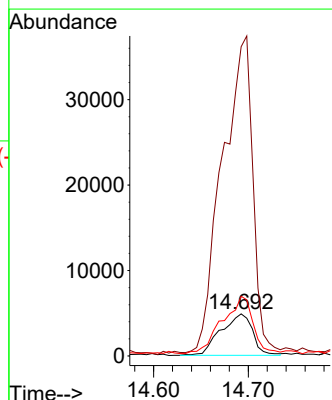
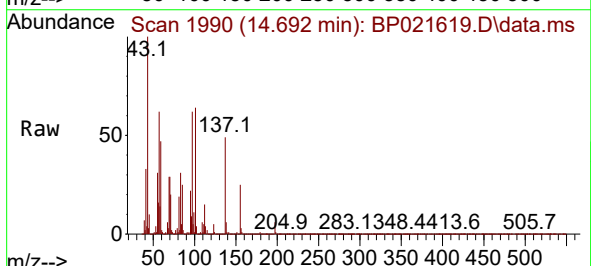
Instrument :
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OU4-TS-09-080724

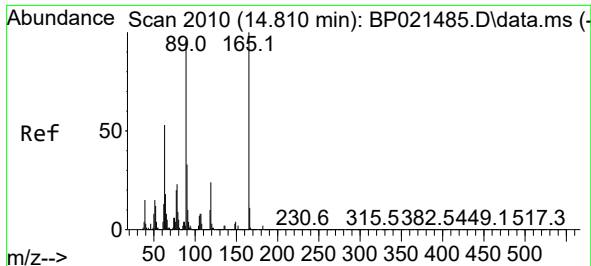
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Ion Ratio Lower Upper
184 100
63 156.4 64.9 97.3#
154 499.0 52.1 78.1#



#56
4-Nitrophenol
Concen: 6.170 ng
RT: 14.692 min Scan# 1990
Delta R.T. 0.041 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:139 Resp: 11295
Ion Ratio Lower Upper
139 100
109 734.1 70.2 110.2#
65 141.8 101.8 141.8

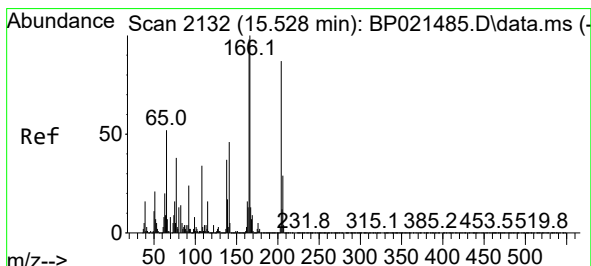
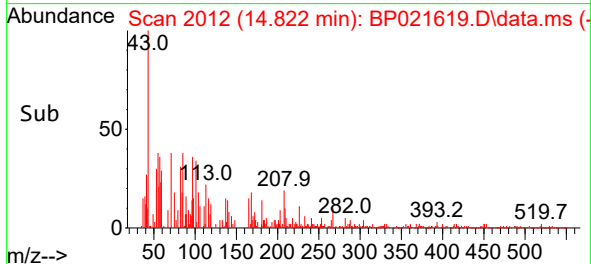
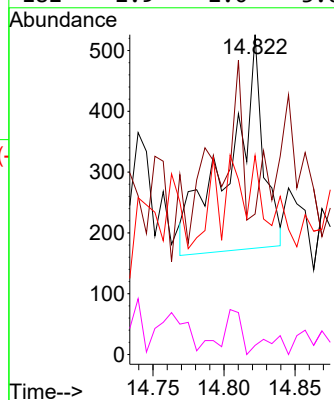
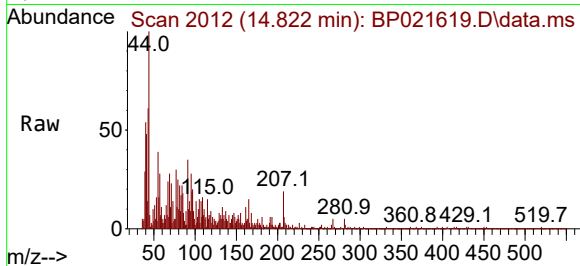




#57
2,4-Dinitrotoluene
Concen: 5.057 ng
RT: 14.822 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

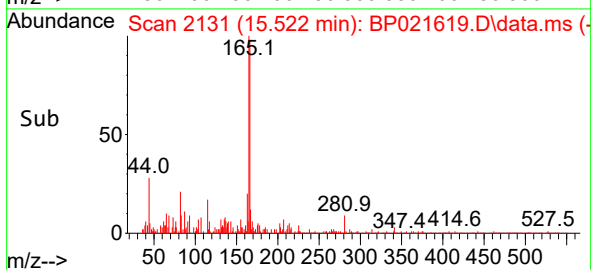
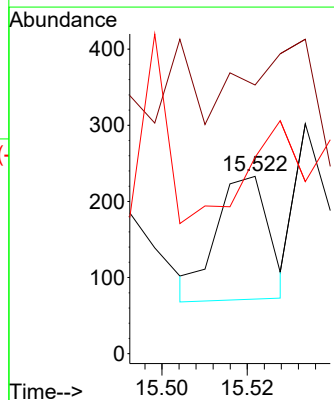
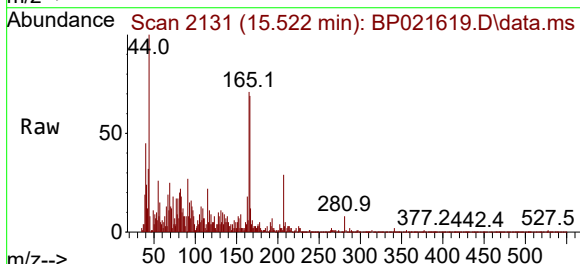
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

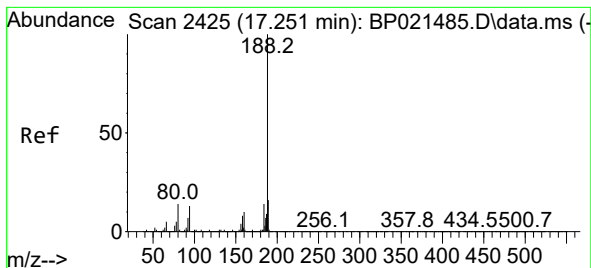
Tgt Ion:165 Resp: 572
Ion Ratio Lower Upper
165 100
63 43.9 42.5 63.7
89 62.2 77.1 115.7#
182 2.9 2.0 3.0



#62
4-Nitroaniline
Concen: 2.946 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:138 Resp: 138
Ion Ratio Lower Upper
138 100
92 151.5 46.4 86.4#
108 110.7 73.2 113.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

Instrument :

BNA_P

ClientSampleId :

OU4-TS-09-080724

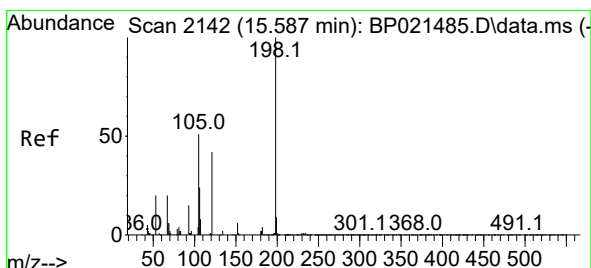
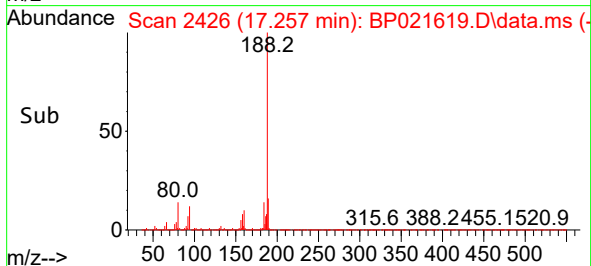
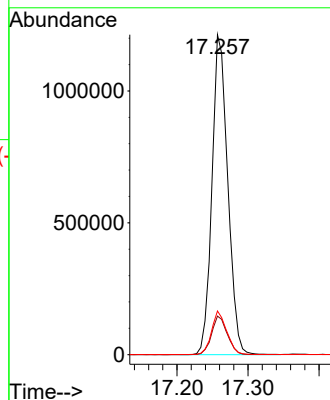
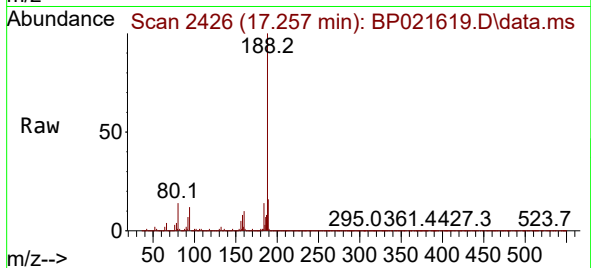
Tgt Ion:188 Resp: 1872743

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.4

80 13.7 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.617 ng

RT: 15.575 min Scan# 2140

Delta R.T. -0.012 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

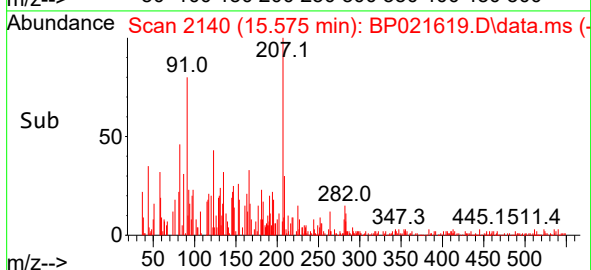
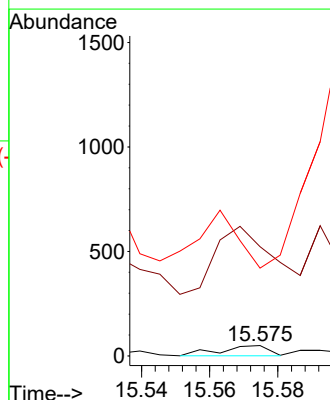
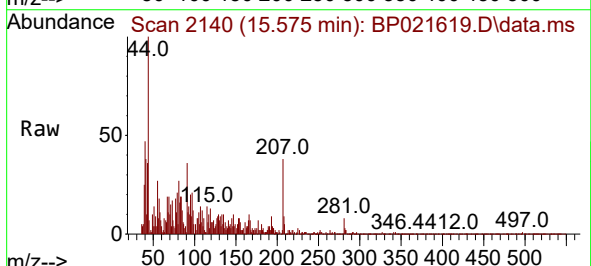
Tgt Ion:198 Resp: 48

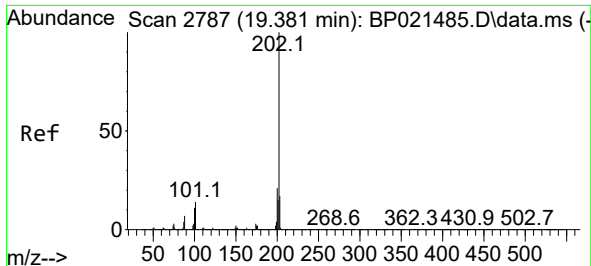
Ion Ratio Lower Upper

198 100

51 1046.0 21.5 61.5#

105 840.0 32.9 72.9#

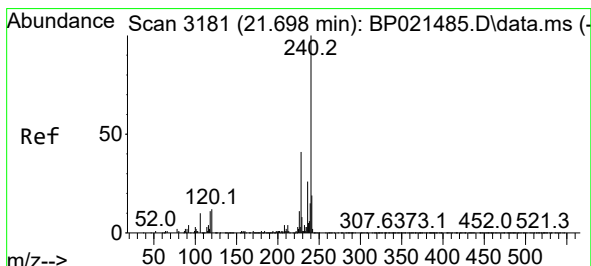
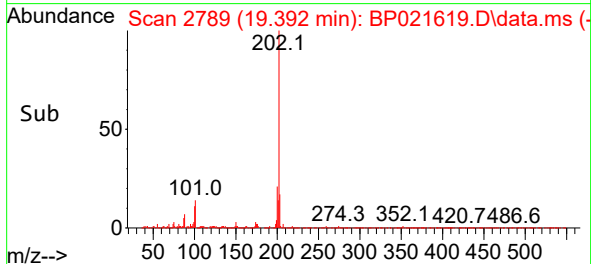
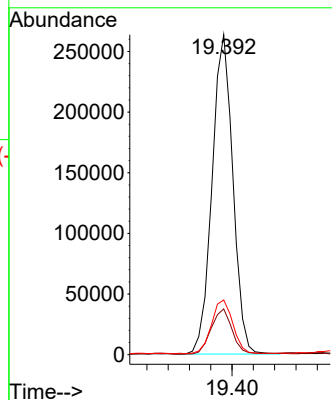
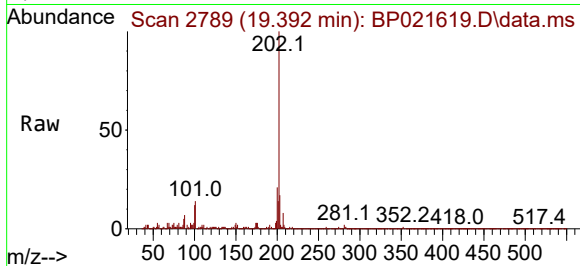




#75
Fluoranthene
Concen: 3.232 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

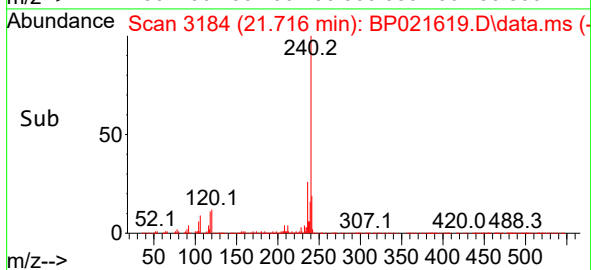
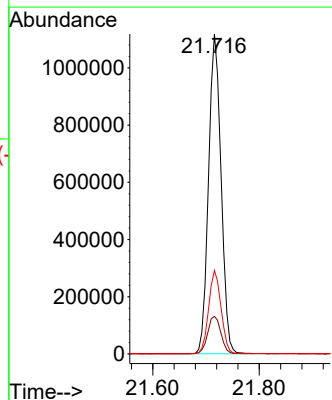
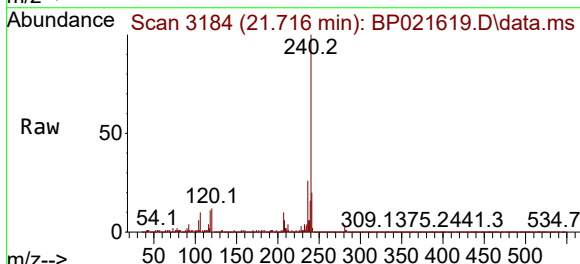
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

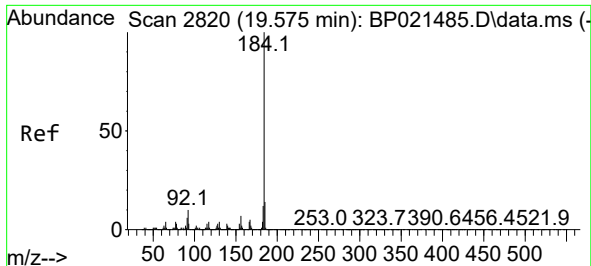
Tgt Ion:202 Resp: 357135
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.0
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3184
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:240 Resp: 1824677
Ion Ratio Lower Upper
240 100
120 11.8 9.9 14.9
236 26.1 20.6 30.8

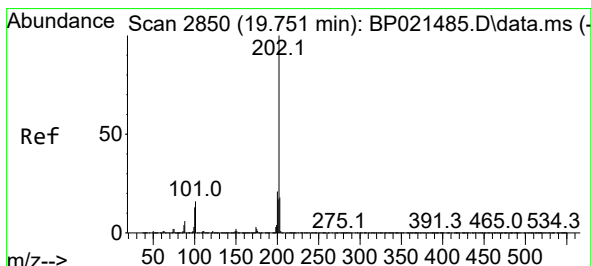
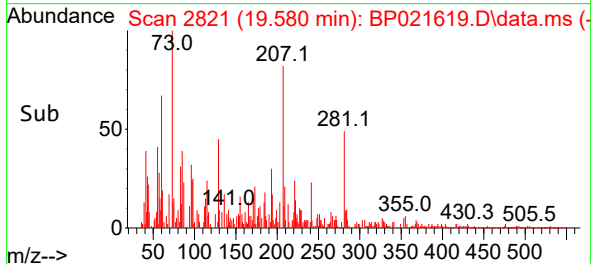
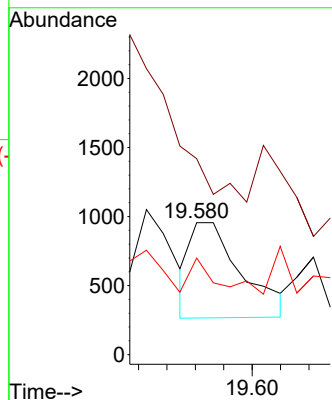
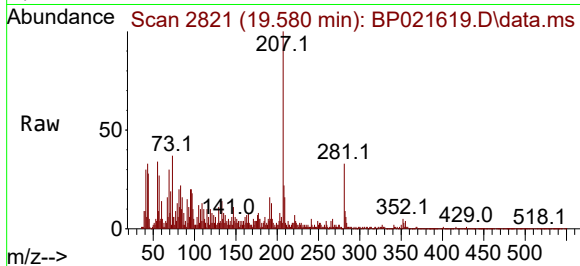




#77
Benzidine
Concen: 4.588 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

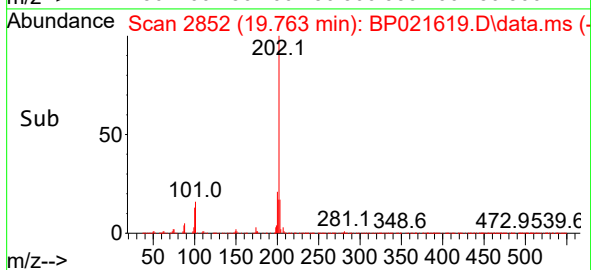
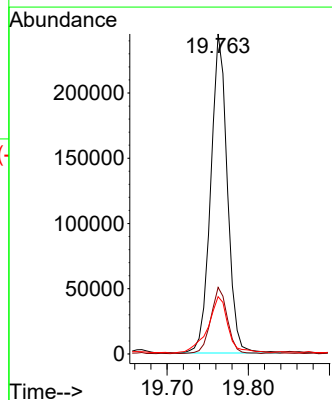
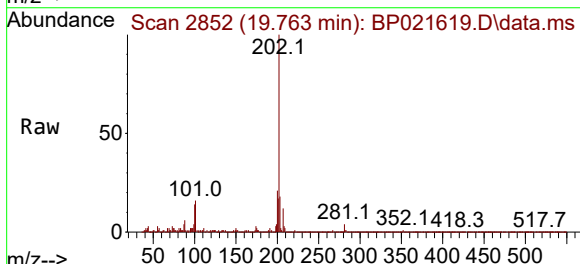
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

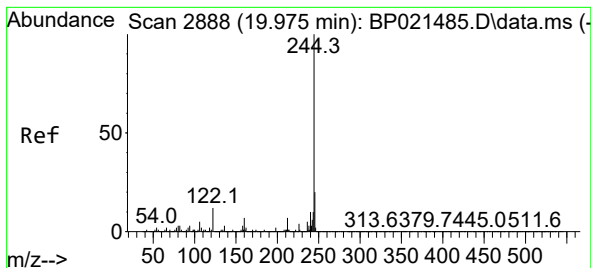
Tgt Ion:184 Resp: 864
Ion Ratio Lower Upper
184 100
185 148.4 11.4 17.0#
183 73.1 9.3 13.9#



#78
Pyrene
Concen: 2.916 ng
RT: 19.763 min Scan# 2852
Delta R.T. 0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:202 Resp: 347831
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 43.454 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

Instrument :

BNA_P

ClientSampleId :

OU4-TS-09-080724

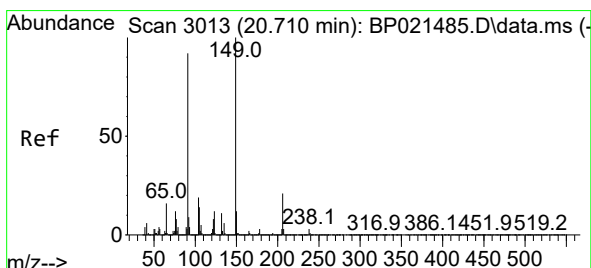
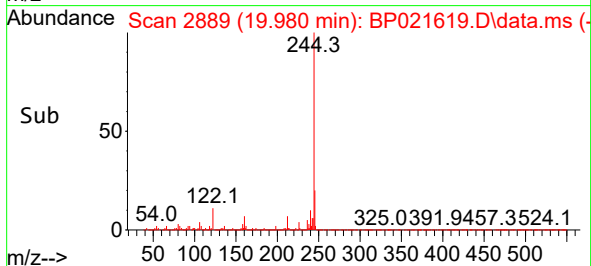
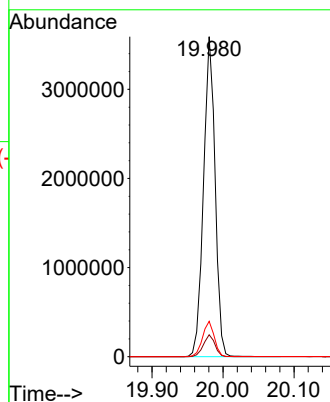
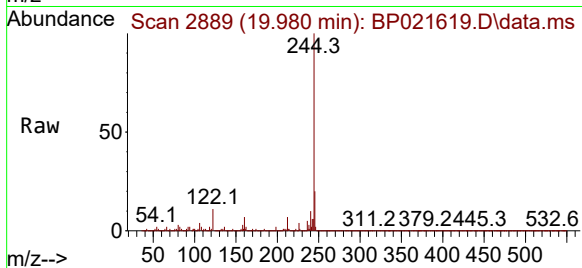
Tgt Ion:244 Resp: 4081360

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.649 ng

RT: 20.722 min Scan# 3015

Delta R.T. 0.012 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

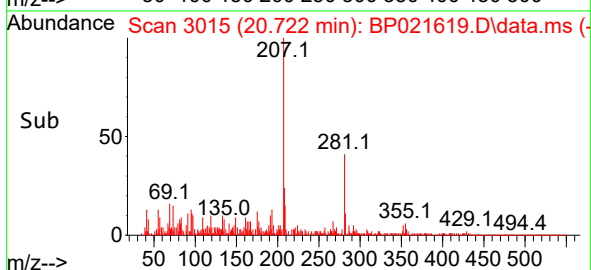
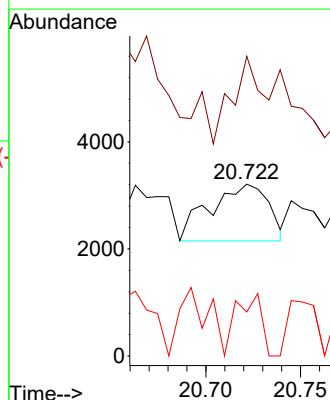
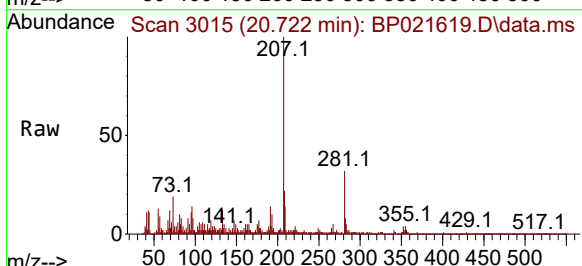
Tgt Ion:149 Resp: 2273

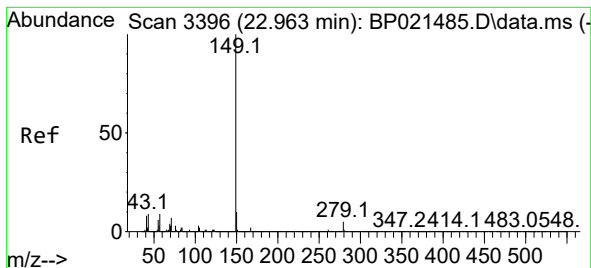
Ion Ratio Lower Upper

149 100

91 174.4 73.3 109.9#

206 25.6 17.1 25.7





#85

Di-n-octyl phthalate

Concen: 4.847 ng

RT: 22.939 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

Instrument :

BNA_P

ClientSampleId :

OU4-TS-09-080724

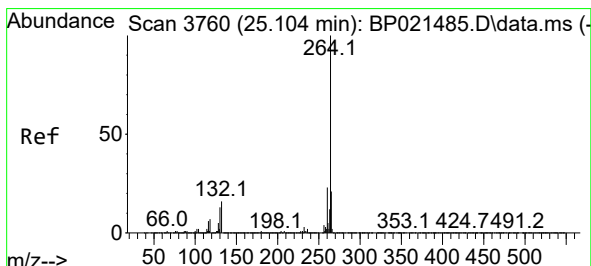
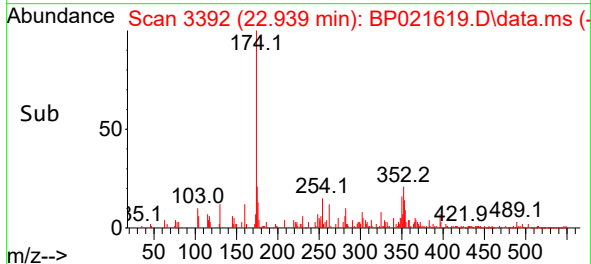
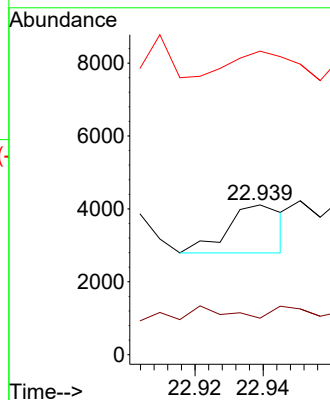
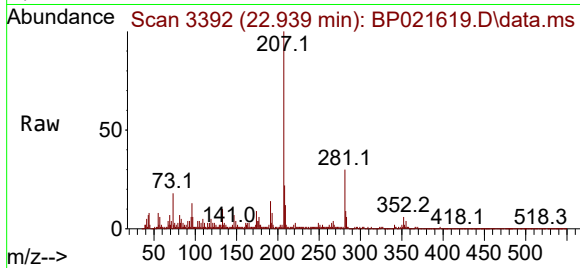
Tgt Ion:149 Resp: 1490

Ion Ratio Lower Upper

149 100

167 15.0 1.3 1.9#

43 67.8 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.145 min Scan# 3767

Delta R.T. -0.006 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

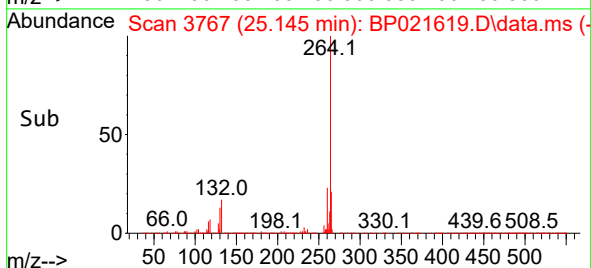
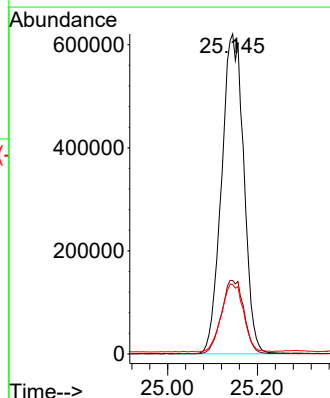
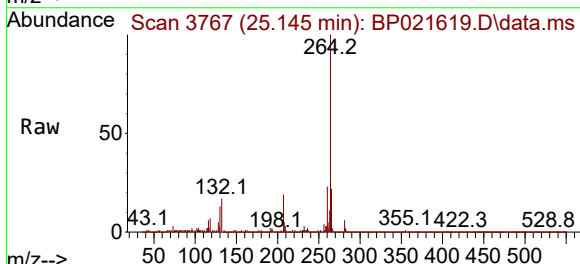
Tgt Ion:264 Resp: 2134055

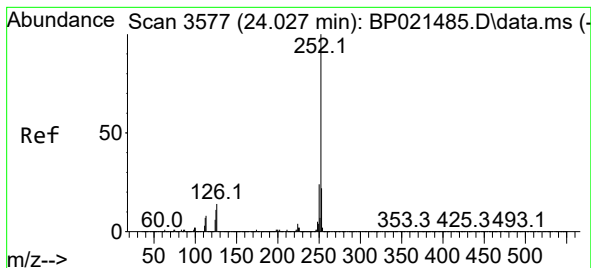
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.7 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.539 ng

RT: 24.063 min Scan# 3583

Delta R.T. 0.006 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

Instrument :

BNA_P

ClientSampleId :

OU4-TS-09-080724

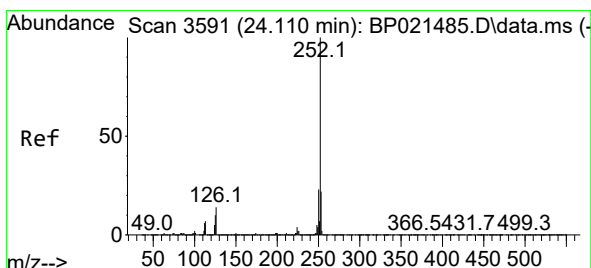
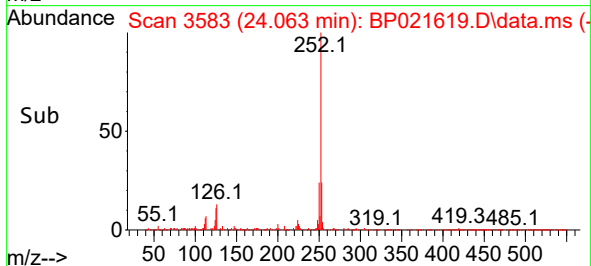
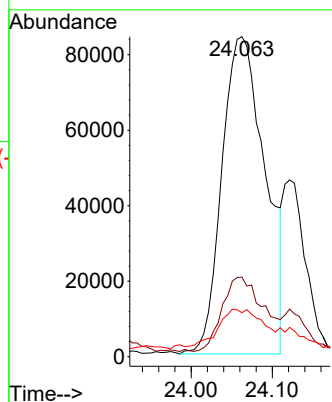
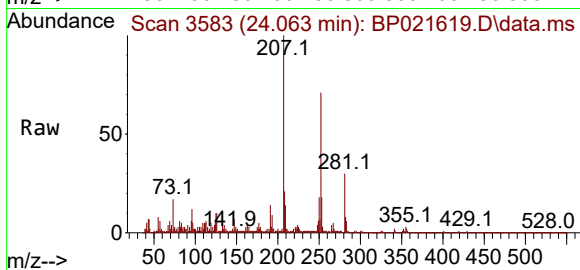
Tgt Ion:252 Resp: 311178

Ion Ratio Lower Upper

252 100

253 24.9 17.6 26.4

125 13.8 8.6 13.0#



#89

Benzo(k)fluoranthene

Concen: 2.603 ng

RT: 24.063 min Scan# 3583

Delta R.T. -0.071 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

Tgt Ion:252 Resp: 311178

Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

125 13.8 7.8 11.8#

