

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021537.D
 Acq On : 16 Aug 2024 13:06
 Operator : RC/JU
 Sample : P3519-25RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-CF-05-080624RE

Quant Time: Aug 16 14:05:36 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)

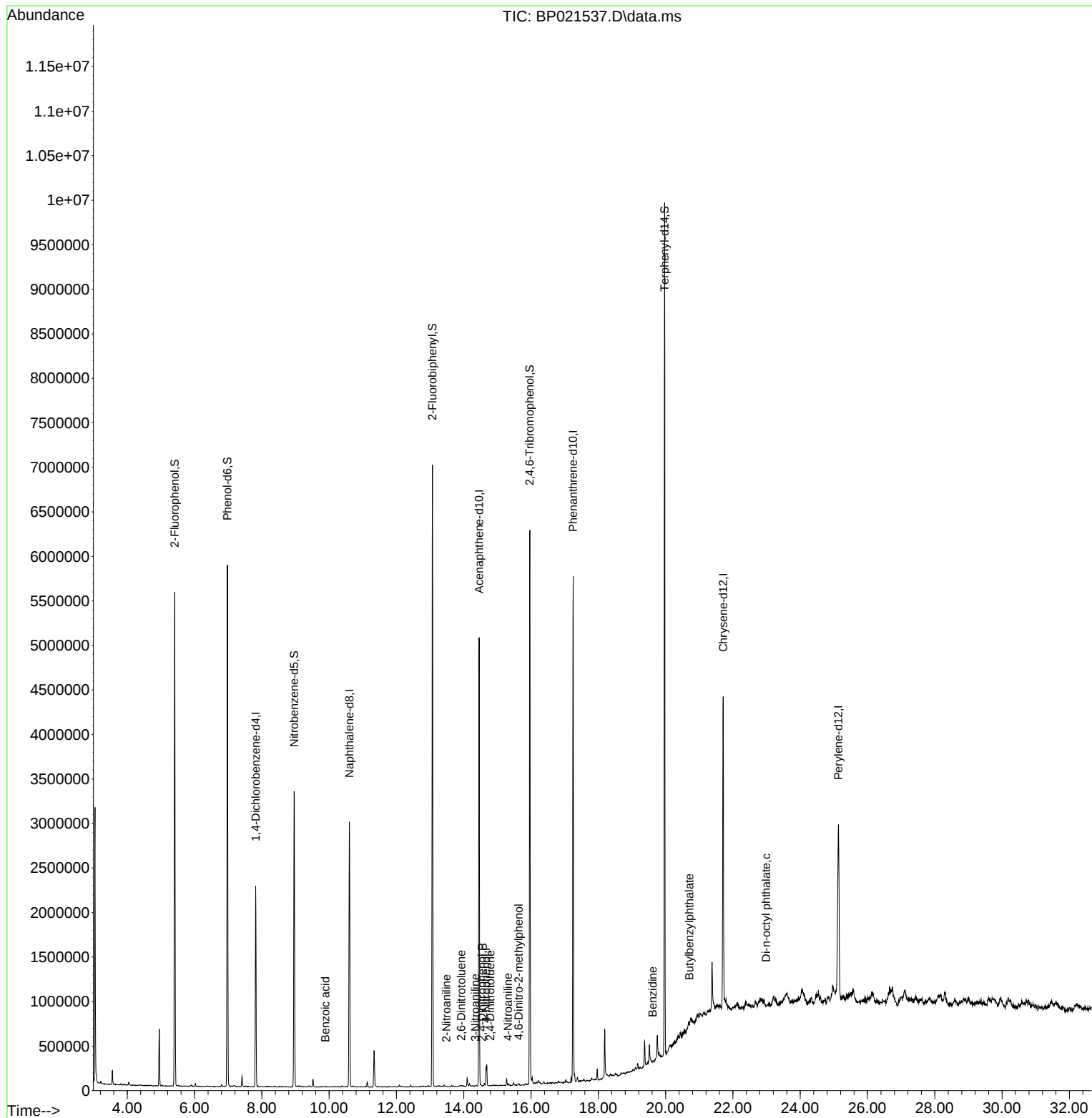
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	596087	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	2532026	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1642035	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	3264003	20.000	ng	0.00
76) Chrysene-d12	21.710	240	1926556	20.000	ng	0.01
86) Perylene-d12	25.133	264	2197102	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	2548828	63.492	ng	0.02
7) Phenol-d6	6.975	99	3753527	64.096	ng	0.01
23) Nitrobenzene-d5	8.958	82	2119094	43.197	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1221733	66.852	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3608192	33.536	ng	0.00
79) Terphenyl-d14	19.969	244	4711450	47.510	ng	0.00
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.699	139	119	Below Cal	#	22
32) Benzoic acid	9.887	122	165	3.331 ng	#	70
48) 2-Nitroaniline	13.481	65	222	5.155 ng	#	44
51) 2,6-Dinitrotoluene	13.928	165	123	3.991 ng		94
53) 3-Nitroaniline	14.340	138	76	3.972 ng	#	1
54) 2,4-Dinitrophenol	14.540	184	40	2.440 ng	#	1
56) 4-Nitrophenol	14.663	139	787	5.119 ng	#	1
57) 2,4-Dinitrotoluene	14.793	165	214	5.029 ng	#	66
62) 4-Nitroaniline	15.316	138	20	2.936 ng		95
65) 4,6-Dinitro-2-methylph...	15.634	198	56	4.613 ng	#	1
77) Benzidine	19.610	184	612	4.583 ng	#	1
80) Butylbenzylphthalate	20.704	149	1254	3.627 ng	#	40
85) Di-n-octyl phthalate	22.986	149	1316	4.846 ng	#	1

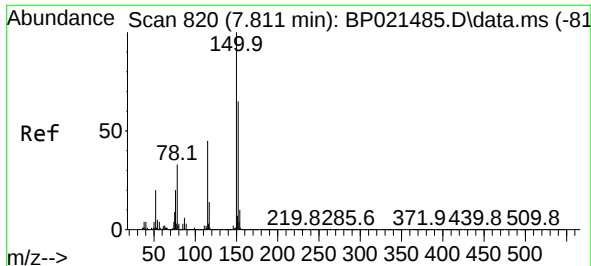
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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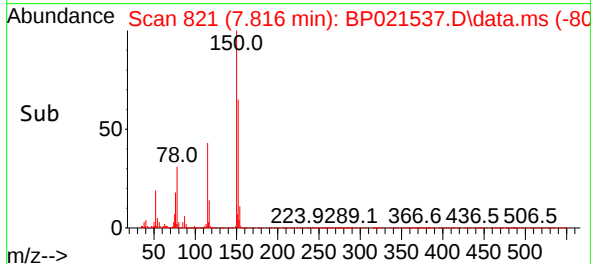
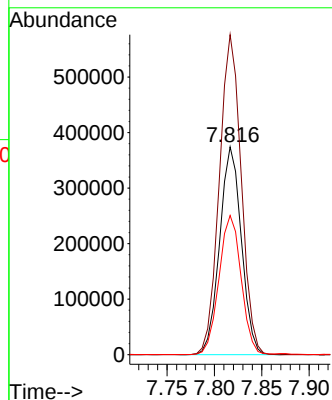
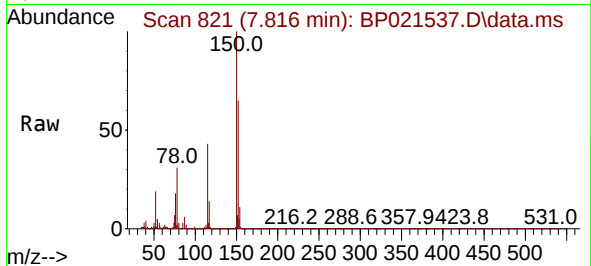




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

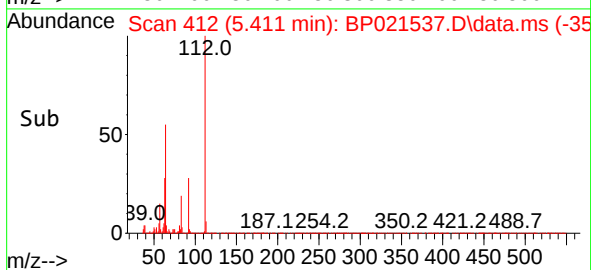
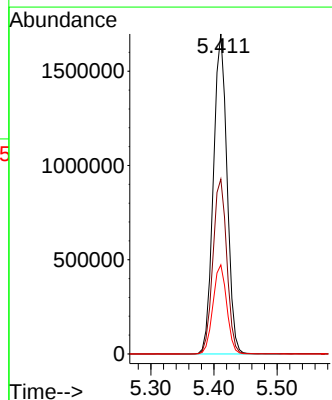
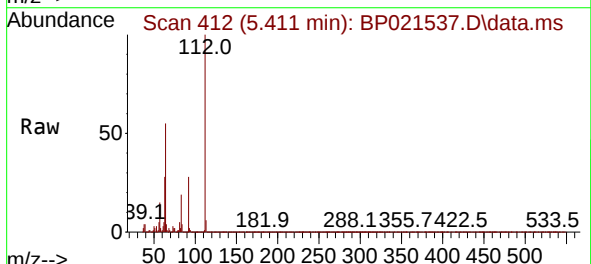
Instrument :
BNA_P
ClientSampleId :
OU4-CF-05-080624RE

Tgt Ion:152 Resp: 596087
Ion Ratio Lower Upper
152 100
150 154.0 122.4 183.6
115 67.0 54.7 82.1



#5
2-Fluorophenol
Concen: 63.492 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion:112 Resp: 2548828
Ion Ratio Lower Upper
112 100
64 54.7 49.0 73.6
63 27.8 24.6 36.8

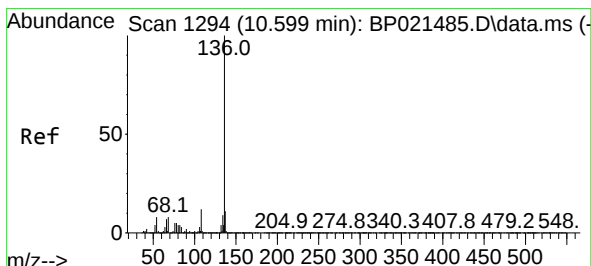
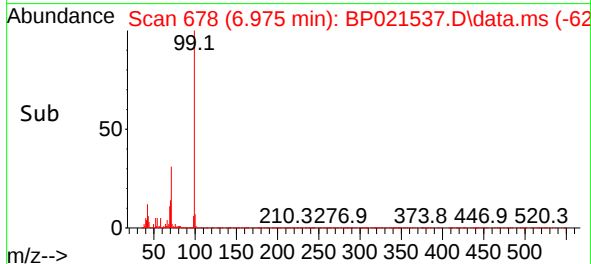
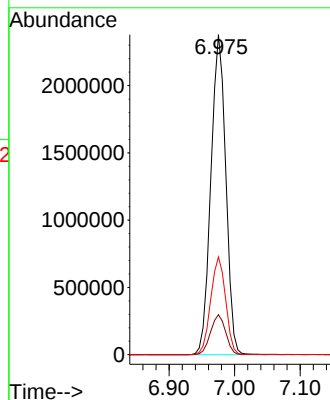
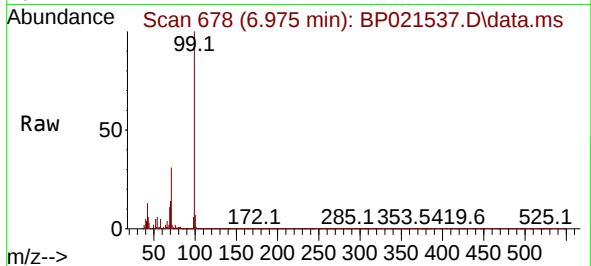




#7
Phenol-d6
Concen: 64.096 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

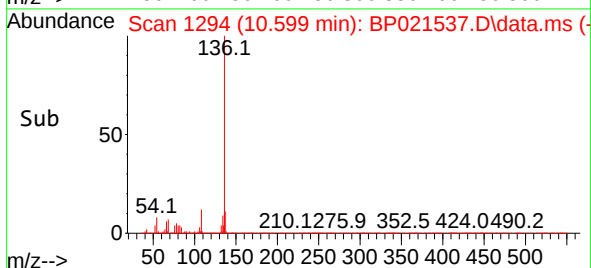
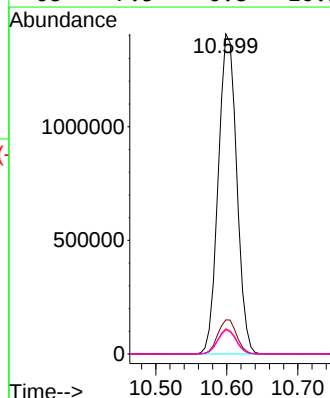
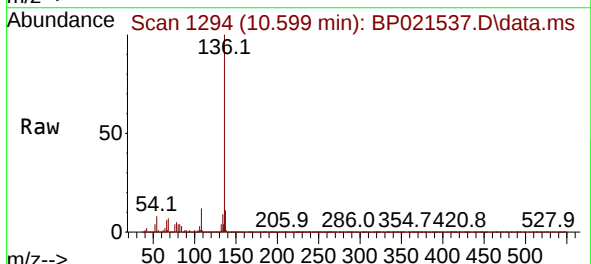
Instrument :
BNA_P
ClientSampleId :
OU4-CF-05-080624RE

Tgt Ion: 99 Resp: 3753527
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion:136 Resp: 2532026
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.8 6.3 9.5
68 7.5 6.8 10.2

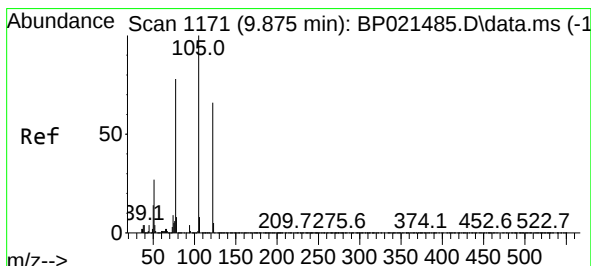
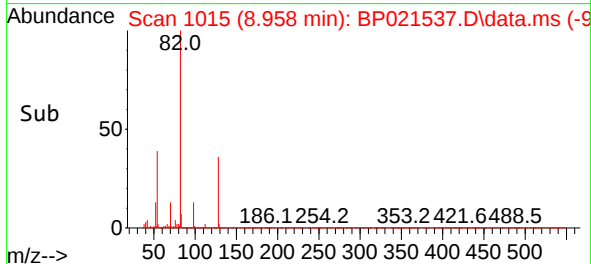
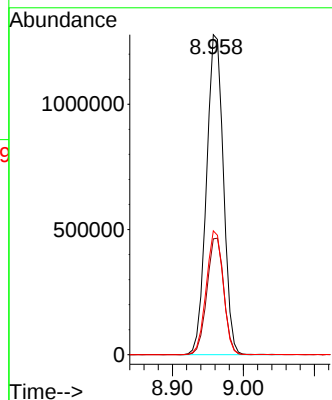
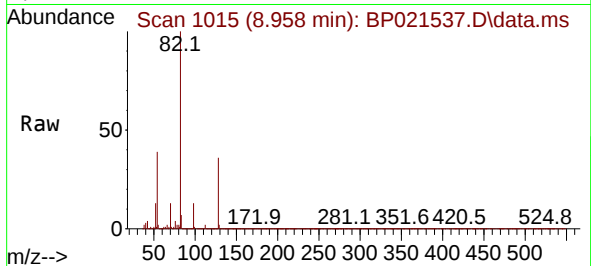




#23
Nitrobenzene-d5
Concen: 43.197 ng
RT: 8.958 min Scan# 11094
Delta R.T. 0.006 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

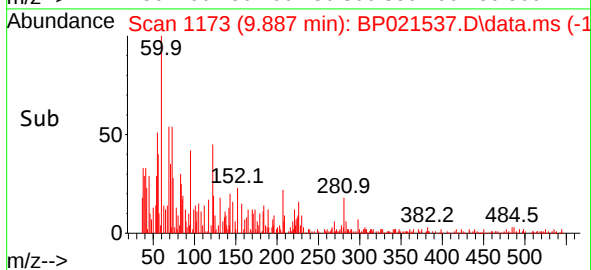
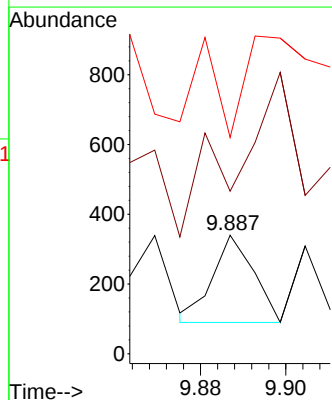
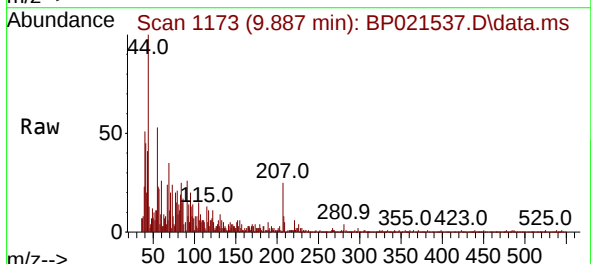
Instrument :
BNA_P
ClientSampleId :
OU4-CF-05-080624RE

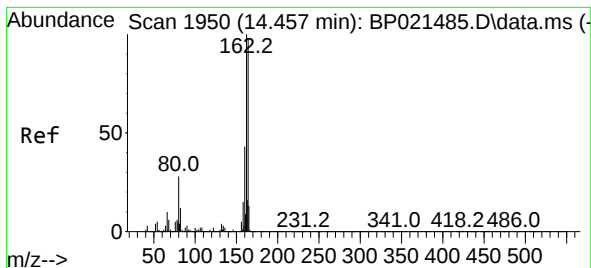
Tgt Ion: 82 Resp: 2119094
Ion Ratio Lower Upper
82 100
128 36.2 26.5 39.7
54 38.7 30.3 45.5



#32
Benzoic acid
Concen: 3.331 ng
RT: 9.887 min Scan# 1173
Delta R.T. 0.012 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion: 122 Resp: 165
Ion Ratio Lower Upper
122 100
105 137.1 124.6 164.6
77 182.4 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Instrument :

BNA_P

ClientSampleId :

OU4-CF-05-080624RE

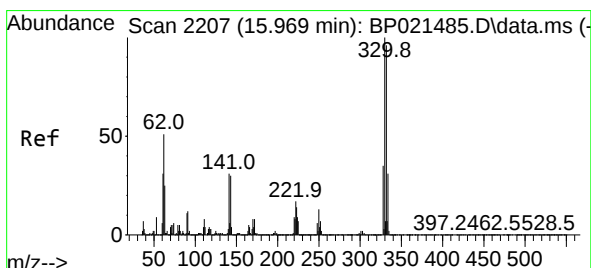
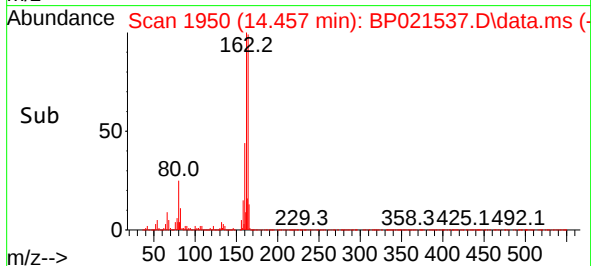
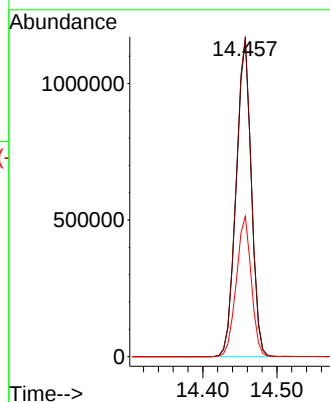
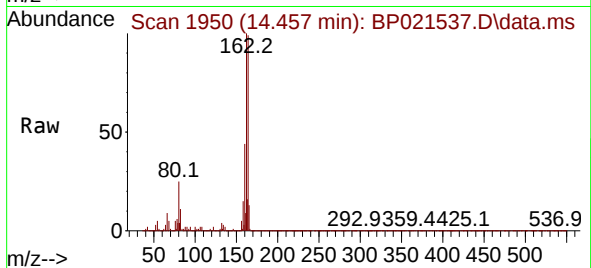
Tgt Ion:164 Resp: 1642035

Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 44.3 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 66.852 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

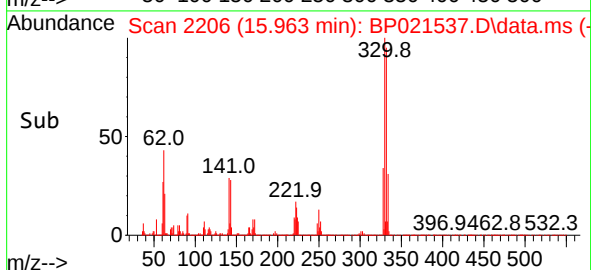
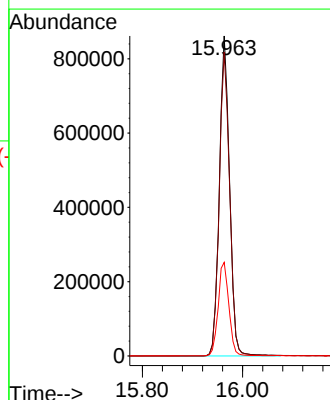
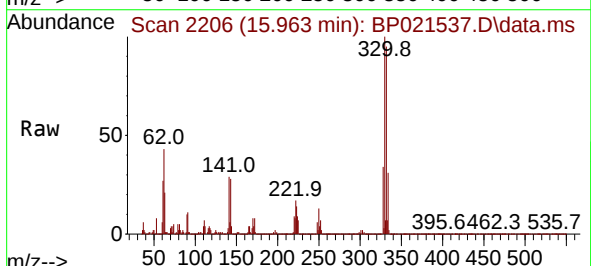
Tgt Ion:330 Resp: 1221733

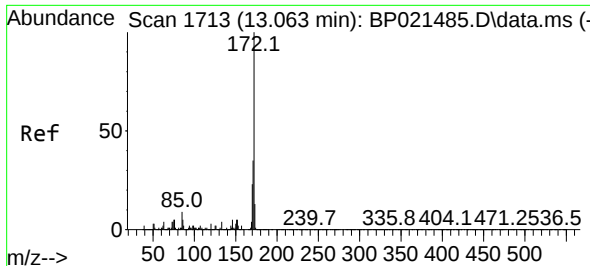
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 30.6 24.5 36.7

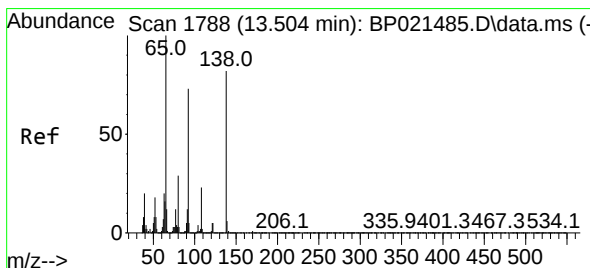
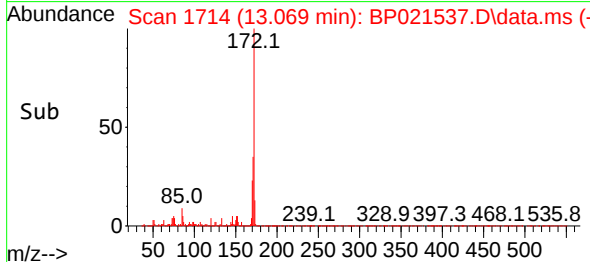
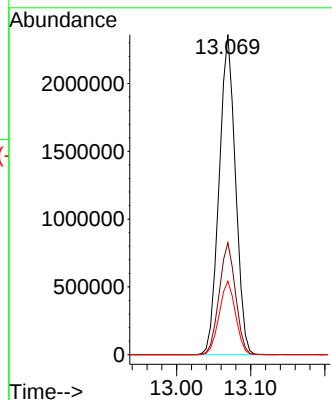
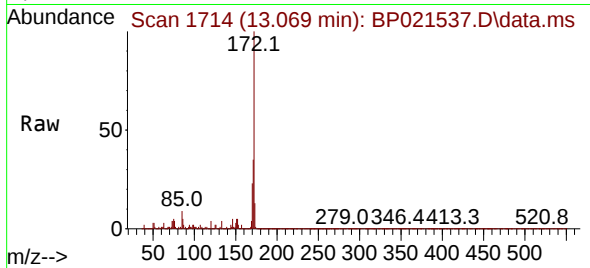




#45
2-Fluorobiphenyl
Concen: 33.536 ng
RT: 13.069 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

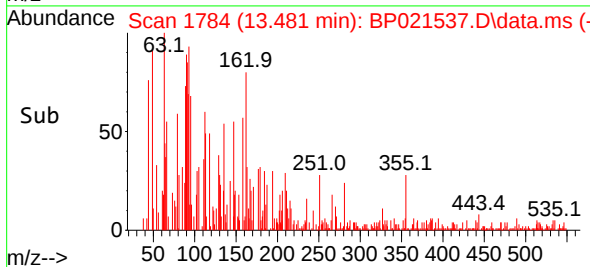
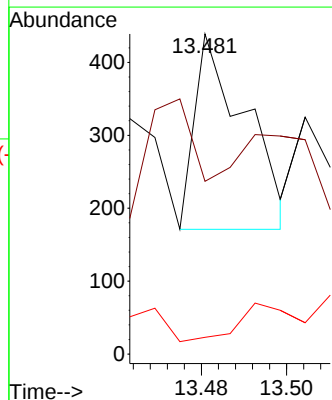
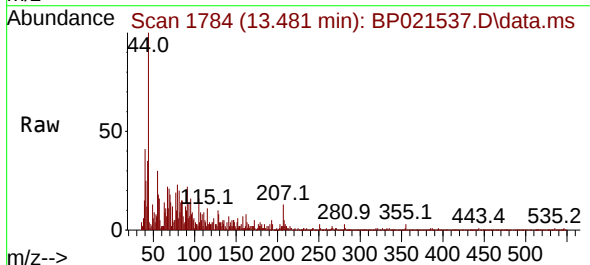
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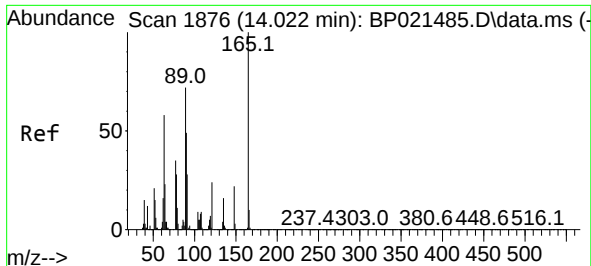
Tgt Ion:172 Resp: 3608192
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.0 18.4 27.6



#48
2-Nitroaniline
Concen: 5.155 ng
RT: 13.481 min Scan# 1784
Delta R.T. -0.023 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion: 65 Resp: 222
Ion Ratio Lower Upper
65 100
92 54.0 58.1 87.1#
138 5.2 65.5 98.3#

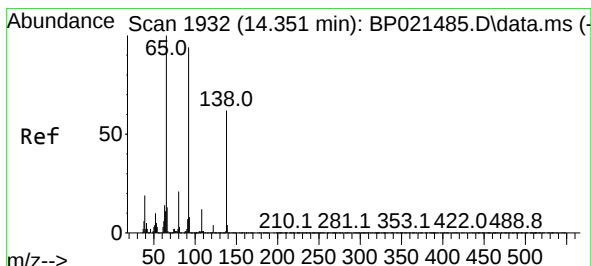
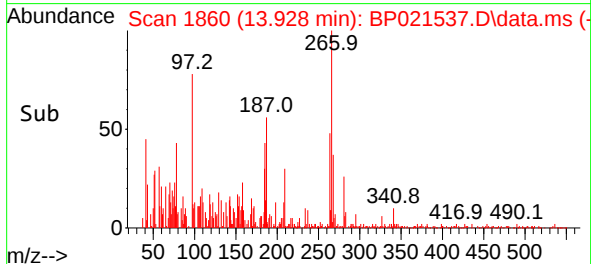
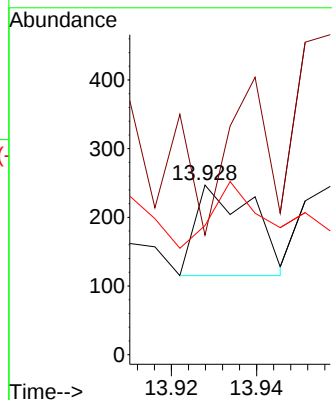
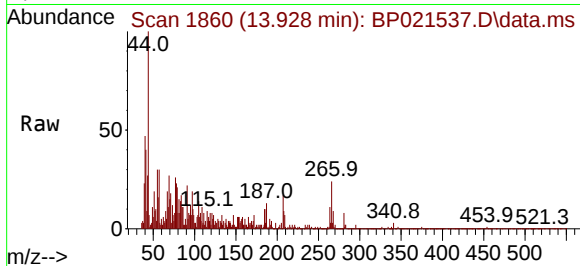




#51
2,6-Dinitrotoluene
Concen: 3.991 ng
RT: 13.928 min Scan# 1876
Delta R.T. -0.094 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

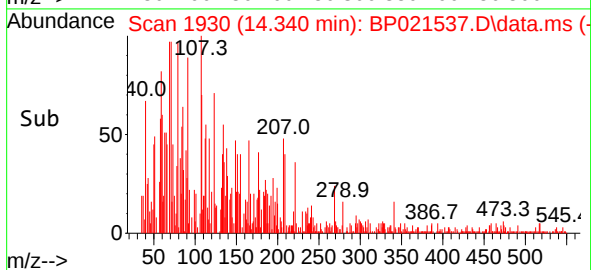
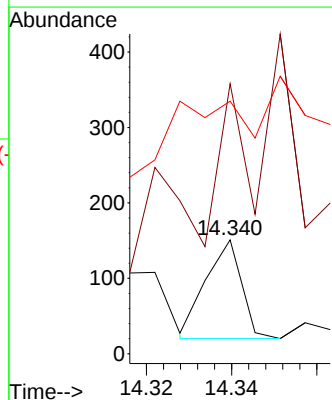
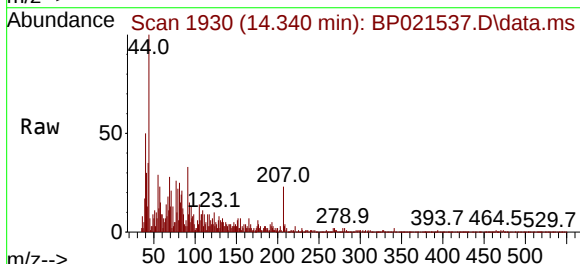
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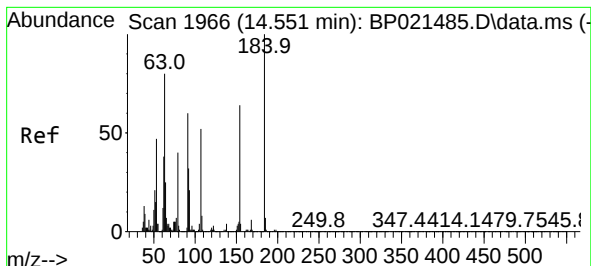
Tgt Ion:165 Resp: 123
Ion Ratio Lower Upper
165 100
63 70.4 51.5 77.3
89 76.1 57.8 86.8



#53
3-Nitroaniline
Concen: 3.972 ng
RT: 14.340 min Scan# 1930
Delta R.T. -0.011 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion:138 Resp: 76
Ion Ratio Lower Upper
138 100
108 237.1 16.2 24.4#
92 221.9 122.2 183.4#

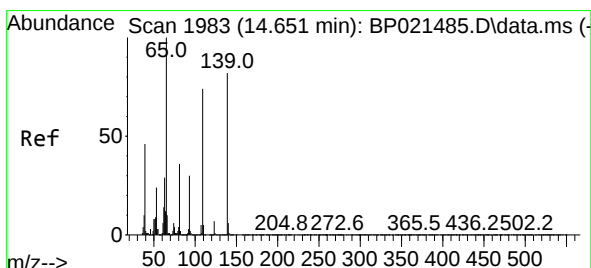
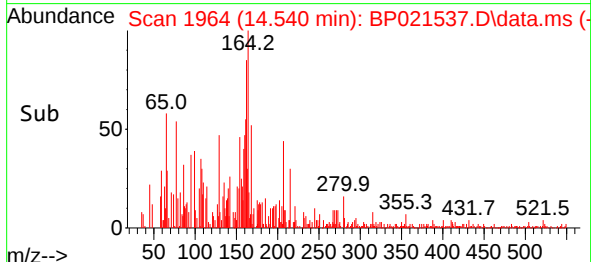
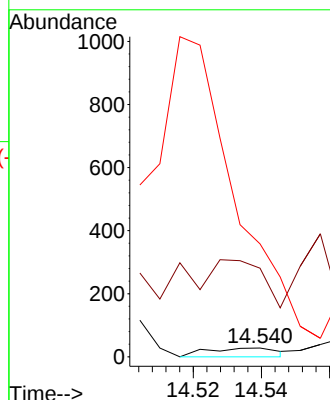
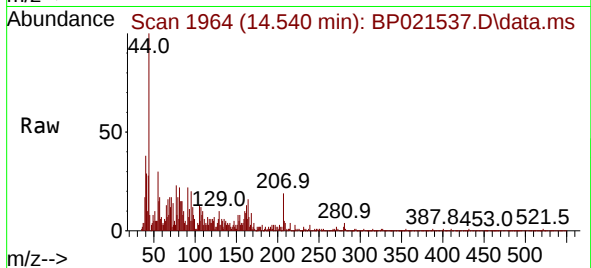




#54
2,4-Dinitrophenol
Concen: 2.440 ng
RT: 14.540 min Scan# 1964
Delta R.T. -0.011 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

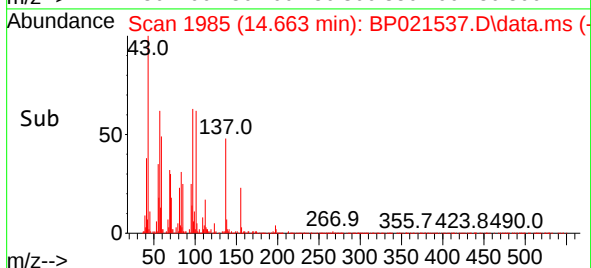
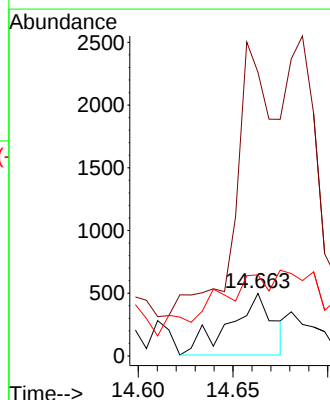
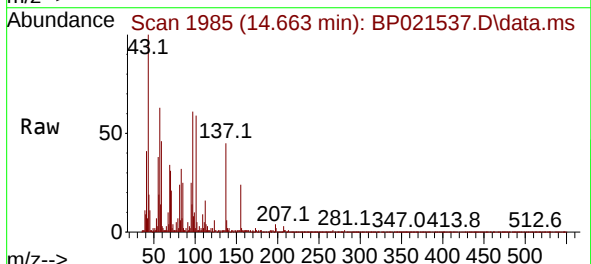
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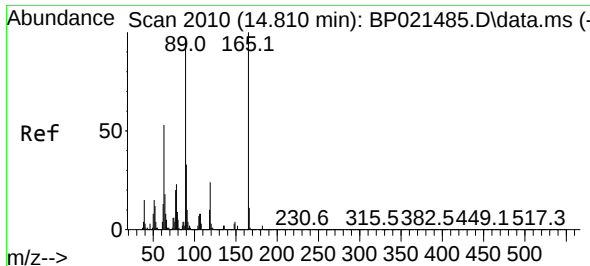
Tgt Ion:184 Resp: 40
Ion Ratio Lower Upper
184 100
63 1003.6 64.9 97.3#
154 1278.6 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.119 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion:139 Resp: 787
Ion Ratio Lower Upper
139 100
109 453.3 70.2 110.2#
65 129.5 101.8 141.8

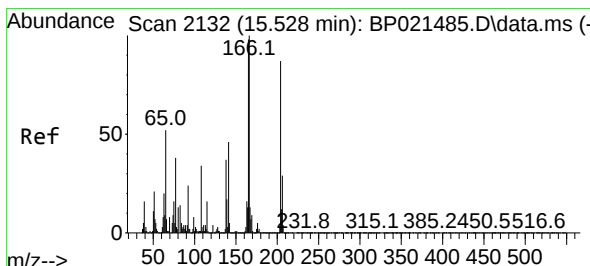
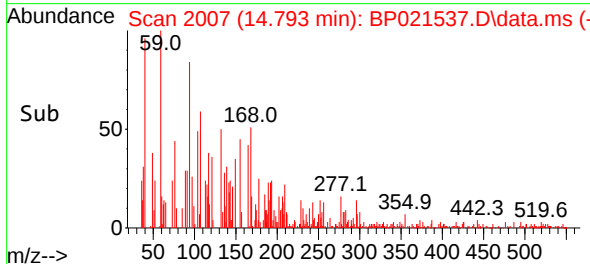
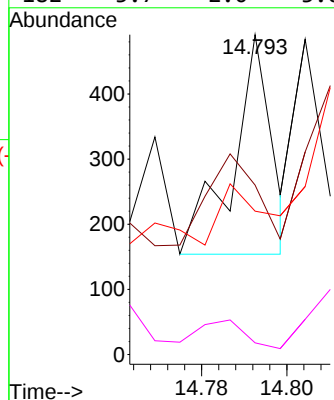
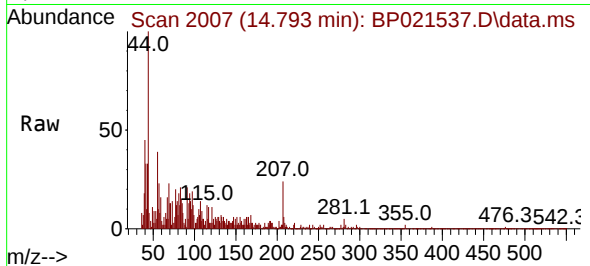




#57
2,4-Dinitrotoluene
Concen: 5.029 ng
RT: 14.793 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

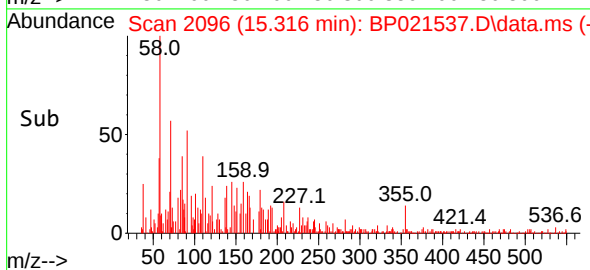
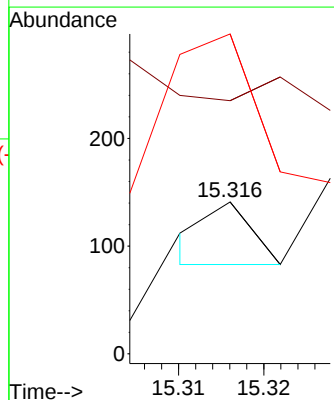
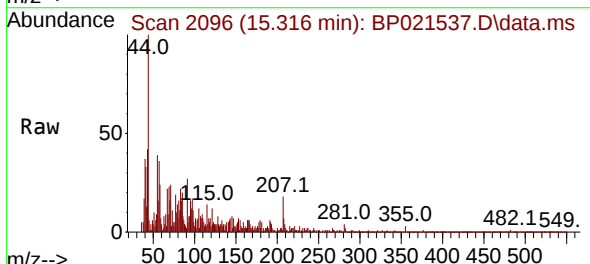
Instrument :
BNA_P
ClientSampleId :
OU4-CF-05-080624RE

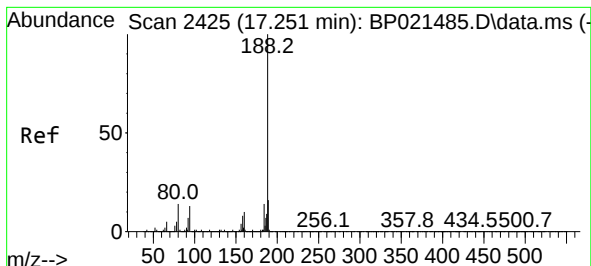
Tgt Ion:165 Resp: 214
Ion Ratio Lower Upper
165 100
63 53.0 42.5 63.7
89 44.8 77.1 115.7#
182 3.7 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.936 ng
RT: 15.316 min Scan# 2096
Delta R.T. -0.212 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion:138 Resp: 20
Ion Ratio Lower Upper
138 100
92 69.7 46.4 86.4
108 88.1 73.2 113.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Instrument :

BNA_P

ClientSampleId :

OU4-CF-05-080624RE

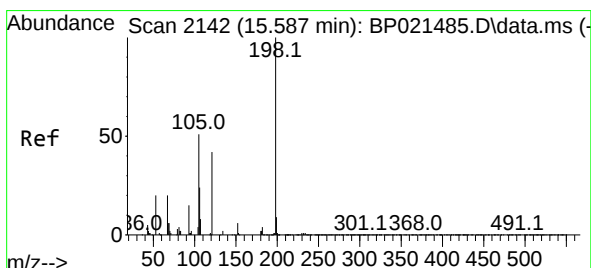
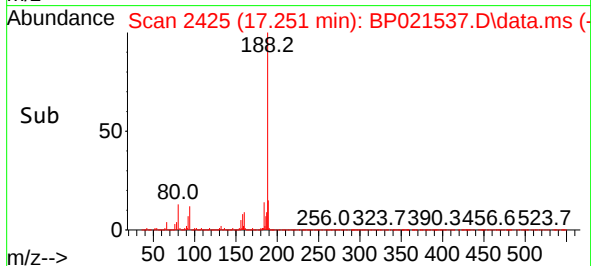
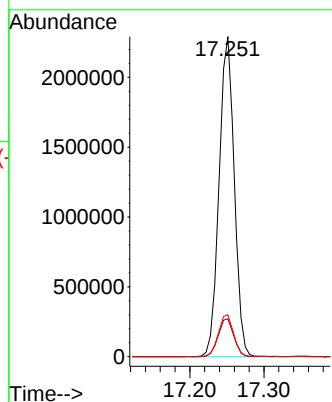
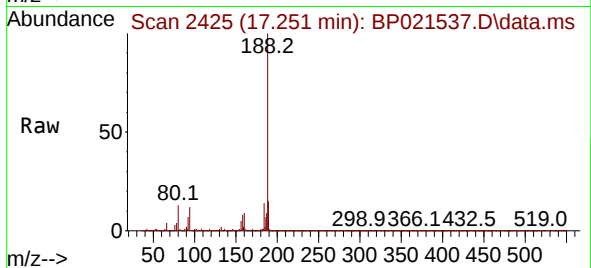
Tgt Ion:188 Resp: 3264003

Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.4

80 13.1 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.613 ng

RT: 15.634 min Scan# 2150

Delta R.T. 0.047 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

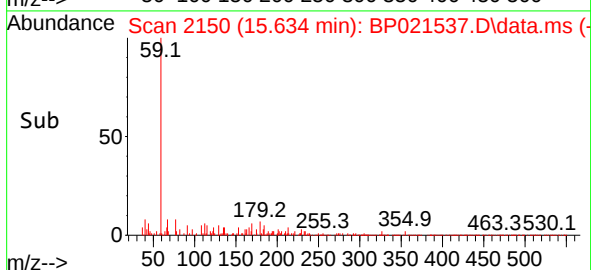
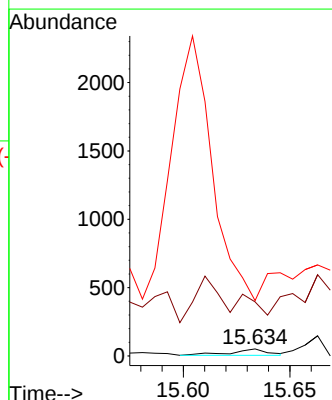
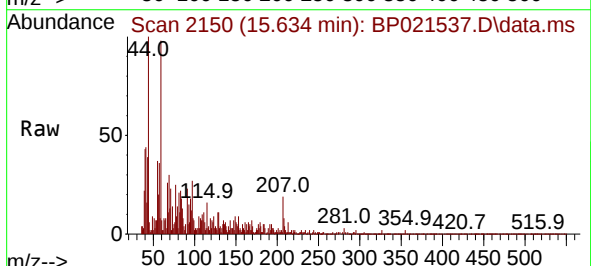
Tgt Ion:198 Resp: 56

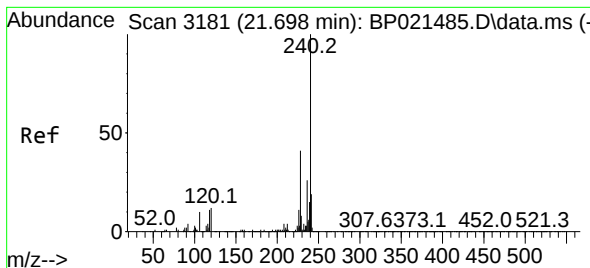
Ion Ratio Lower Upper

198 100

51 761.5 21.5 61.5#

105 778.8 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.710 min Scan# 3181

Delta R.T. 0.012 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Instrument :

BNA_P

ClientSampleId :

OU4-CF-05-080624RE

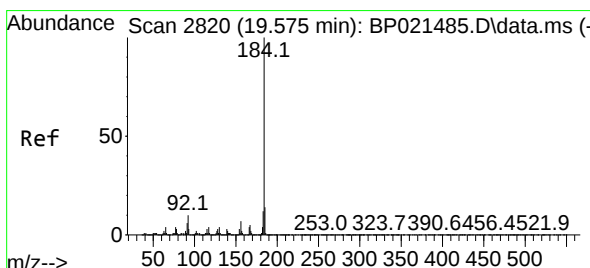
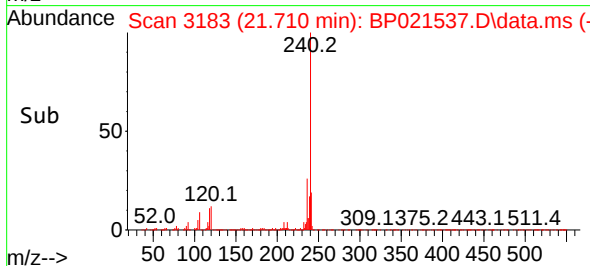
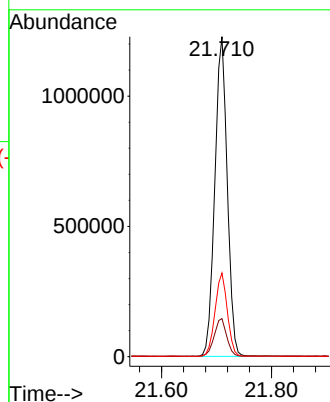
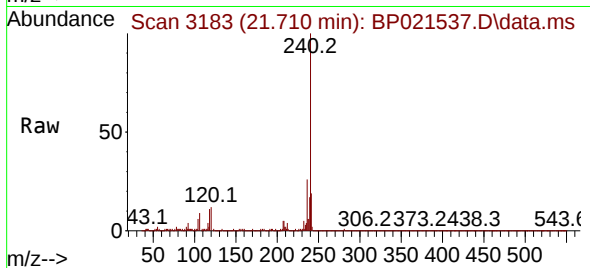
Tgt Ion:240 Resp: 1926556

Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

236 26.1 20.6 30.8



#77

Benzidine

Concen: 4.583 ng

RT: 19.610 min Scan# 2826

Delta R.T. 0.035 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

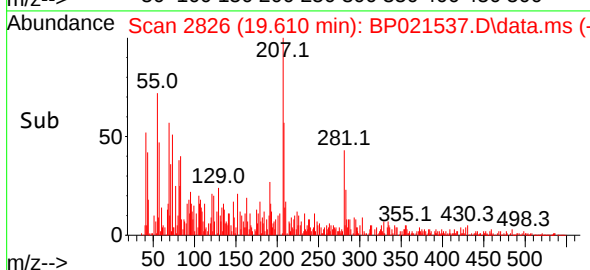
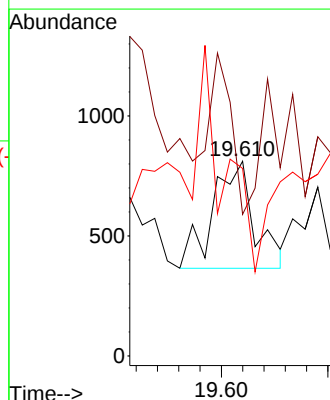
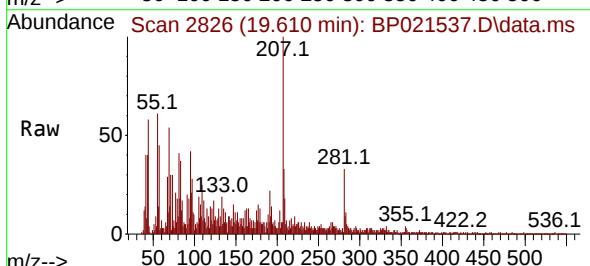
Tgt Ion:184 Resp: 612

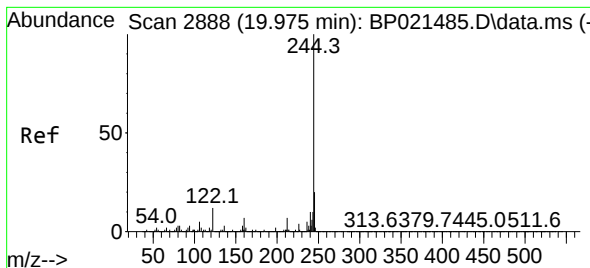
Ion Ratio Lower Upper

184 100

185 72.7 11.4 17.0#

183 96.3 9.3 13.9#





#79

Terphenyl-d14

Concen: 47.510 ng

RT: 19.969 min Scan# 2888

Delta R.T. -0.006 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Instrument :

BNA_P

ClientSampleId :

OU4-CF-05-080624RE

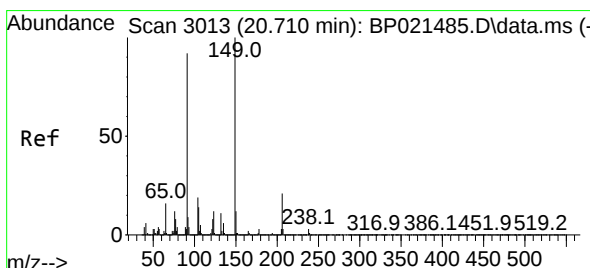
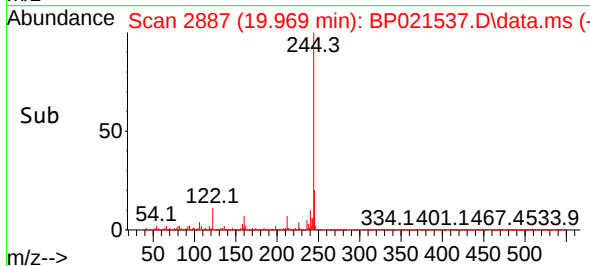
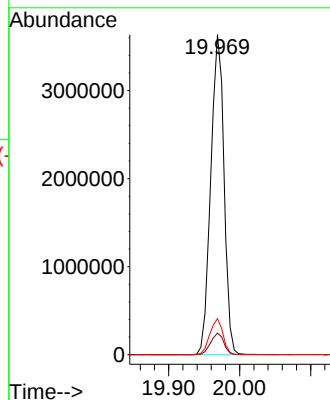
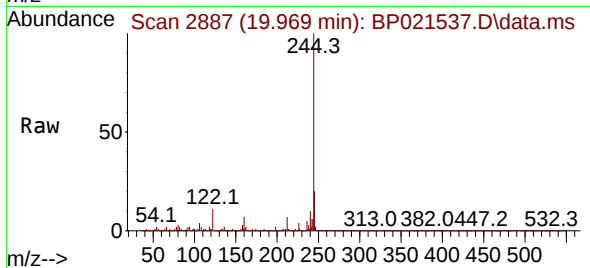
Tgt Ion:244 Resp: 4711450

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.2 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.627 ng

RT: 20.704 min Scan# 3012

Delta R.T. -0.006 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

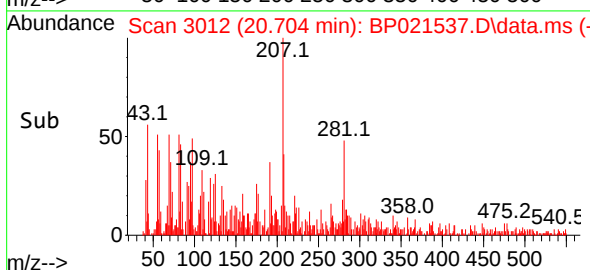
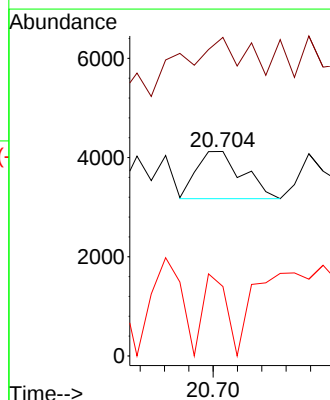
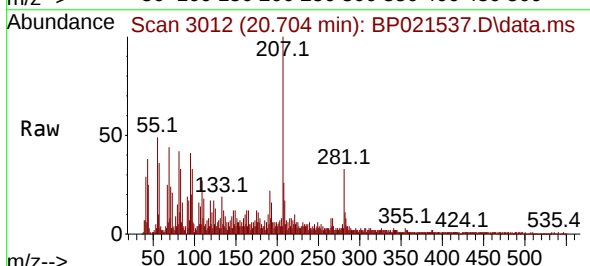
Tgt Ion:149 Resp: 1254

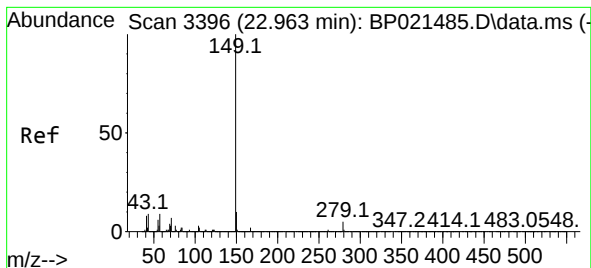
Ion Ratio Lower Upper

149 100

91 155.8 73.3 109.9#

206 33.9 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.846 ng

RT: 22.986 min Scan# 34

Delta R.T. 0.023 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Instrument :

BNA_P

ClientSampleId :

OU4-CF-05-080624RE

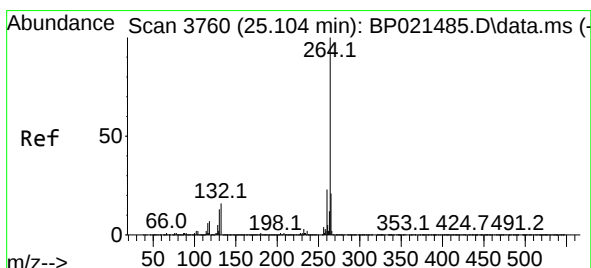
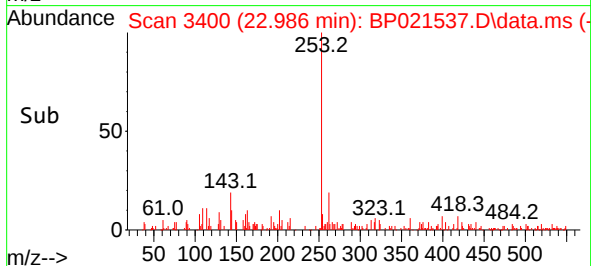
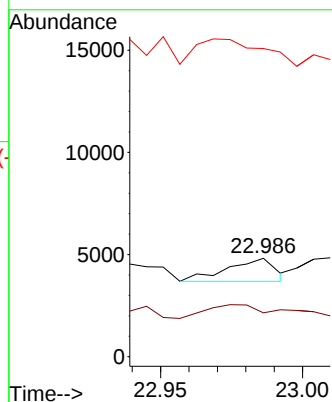
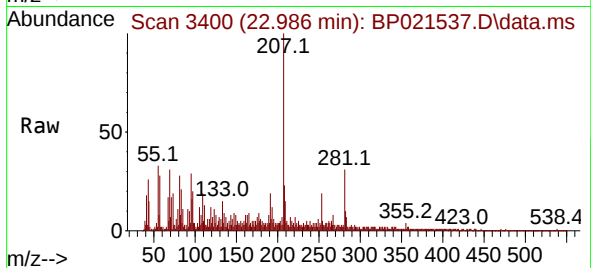
Tgt Ion:149 Resp: 1316

Ion Ratio Lower Upper

149 100

167 100.4 1.3 1.9#

43 165.3 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 3765

Delta R.T. 0.029 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Tgt Ion:264 Resp: 2197102

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.9 17.1 25.7

