

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021539.D
 Acq On : 16 Aug 2024 14:30
 Operator : RC/JU
 Sample : P3519-29RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-CF-07-080624RE

Quant Time: Aug 16 15:01:15 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)

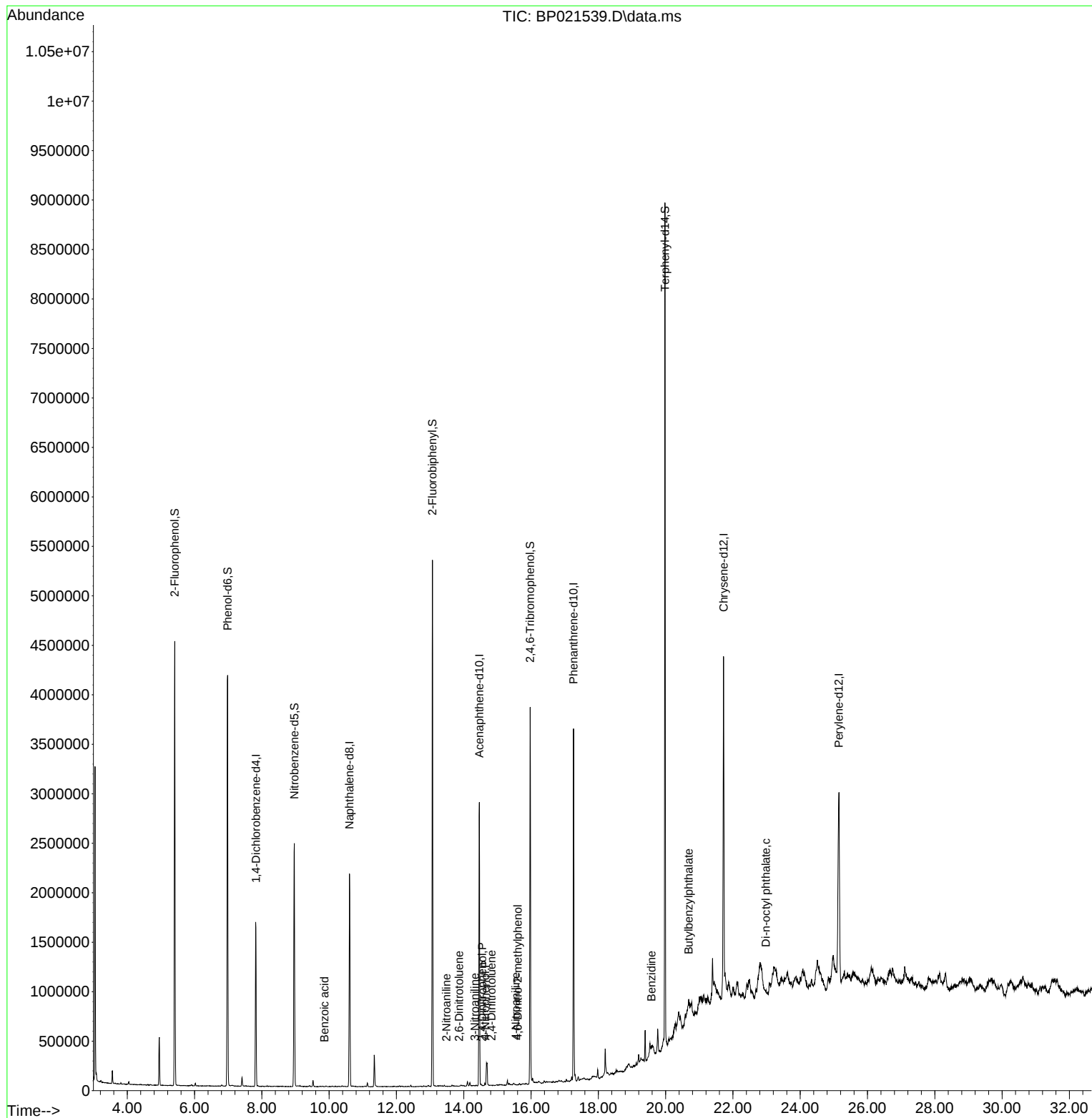
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	454428	20.000	ng	0.01
21) Naphthalene-d8	10.605	136	1797076	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1035485	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2078183	20.000	ng	0.01
76) Chrysene-d12	21.722	240	1931232	20.000	ng	0.02
86) Perylene-d12	25.151	264	2266318	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	1975334	64.545	ng	0.02
7) Phenol-d6	6.981	99	2729569	61.140	ng	0.02
23) Nitrobenzene-d5	8.963	82	1594153	45.787	ng	0.01
42) 2,4,6-Tribromophenol	15.975	330	785941	68.197	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2596986	38.276	ng	0.00
79) Terphenyl-d14	19.981	244	3931800	39.552	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.693	139	65	Below Cal	#	1
32) Benzoic acid	9.858	122	128	3.332	ng	# 51
48) 2-Nitroaniline	13.481	65	149	5.156	ng	# 49
51) 2,6-Dinitrotoluene	13.863	165	160	3.996	ng	# 91
53) 3-Nitroaniline	14.328	138	56	3.973	ng	# 1
54) 2,4-Dinitrophenol	14.551	184	37	2.445	ng	# 1
56) 4-Nitrophenol	14.640	139	126	5.089	ng	# 1
57) 2,4-Dinitrotoluene	14.822	165	287	5.037	ng	# 57
62) 4-Nitroaniline	15.551	138	178	2.947	ng	# 53
65) 4,6-Dinitro-2-methylph...	15.604	198	81	4.623	ng	# 1
77) Benzidine	19.575	184	1099	4.591	ng	# 1
80) Butylbenzylphthalate	20.686	149	1136	3.624	ng	# 66
85) Di-n-octyl phthalate	22.980	149	737	4.841	ng	# 1

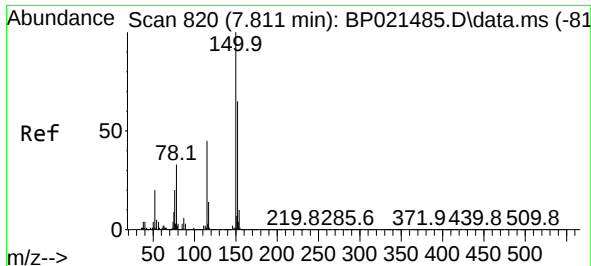
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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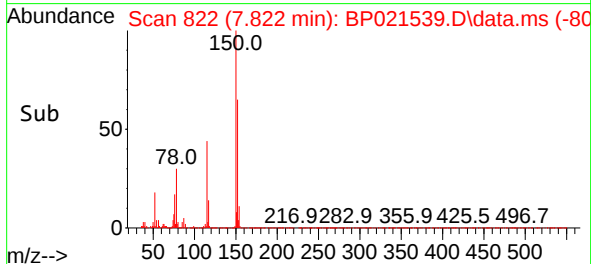
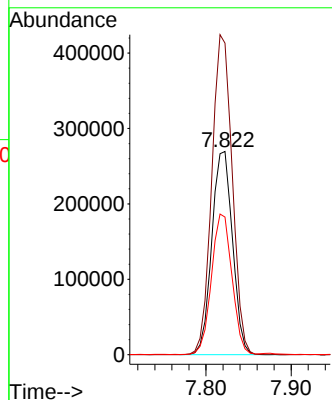
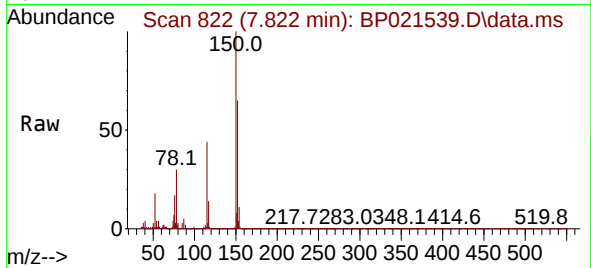




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.011 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

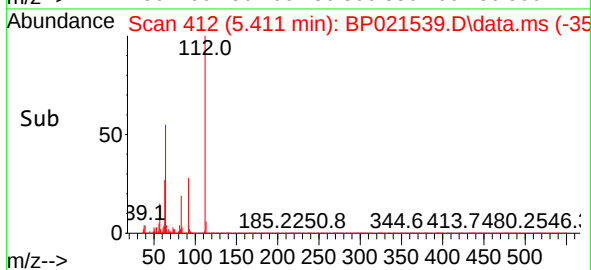
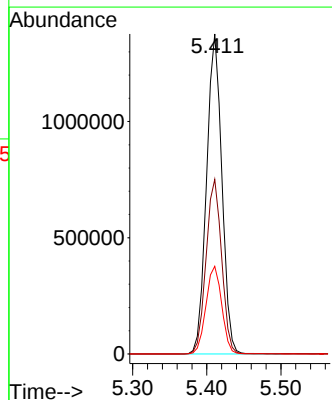
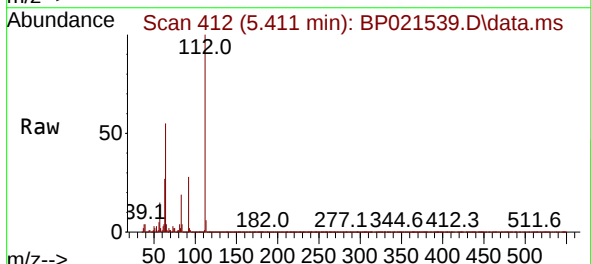
Instrument :
BNA_P
ClientSampleId :
OU4-CF-07-080624RE

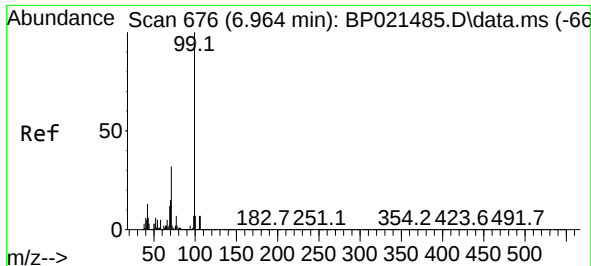
Tgt Ion:152 Resp: 454428
Ion Ratio Lower Upper
152 100
150 153.4 122.4 183.6
115 67.7 54.7 82.1



#5
2-Fluorophenol
Concen: 64.545 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

Tgt Ion:112 Resp: 1975334
Ion Ratio Lower Upper
112 100
64 54.5 49.0 73.6
63 27.4 24.6 36.8

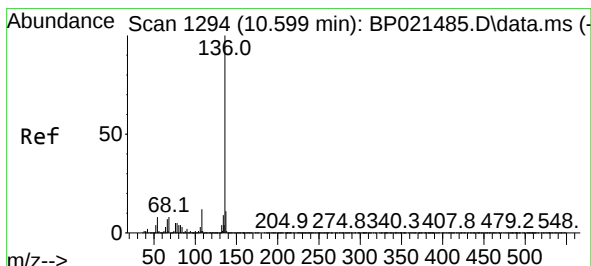
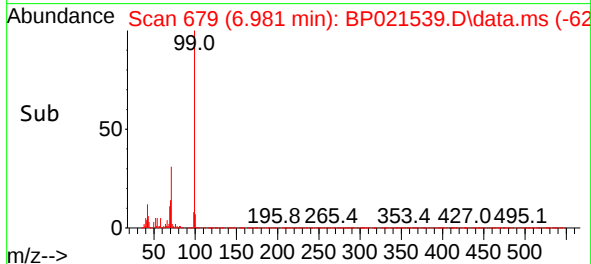
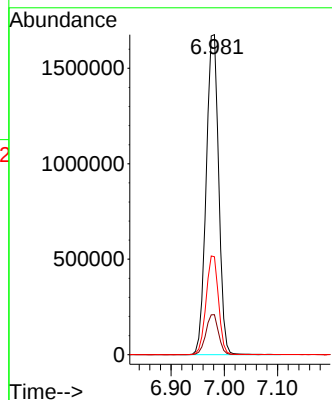
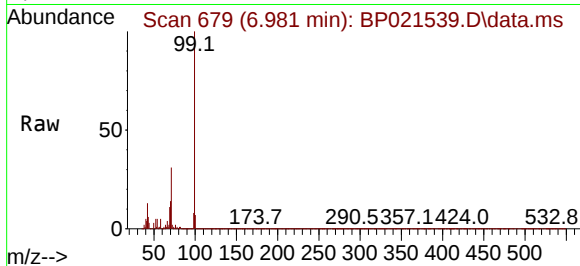




#7
Phenol-d6
Concen: 61.140 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

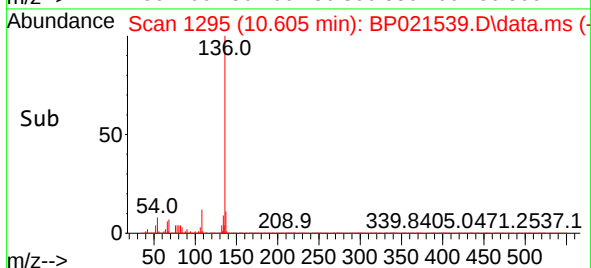
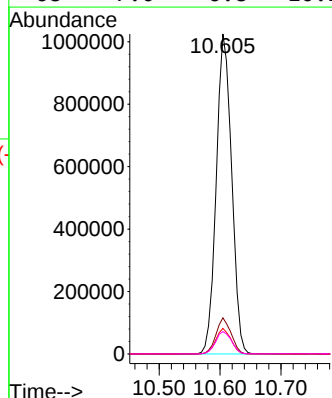
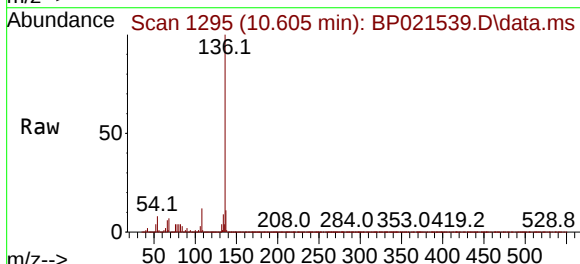
Instrument :
BNA_P
ClientSampleId :
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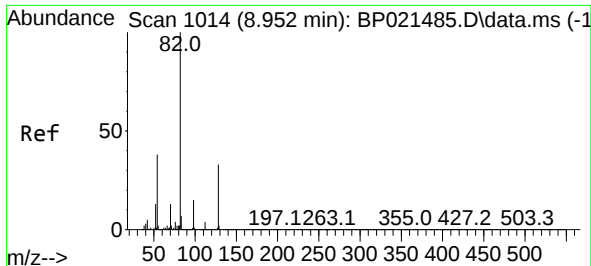
Tgt Ion: 99 Resp: 2729569
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.6 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

Tgt Ion:136 Resp: 1797076
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.0 6.3 9.5
68 7.0 6.8 10.2





#23

Nitrobenzene-d5

Concen: 45.787 ng

RT: 8.963 min Scan# 1168

Delta R.T. 0.012 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Instrument :

BNA_P

ClientSampleId :

OU4-CF-07-080624RE

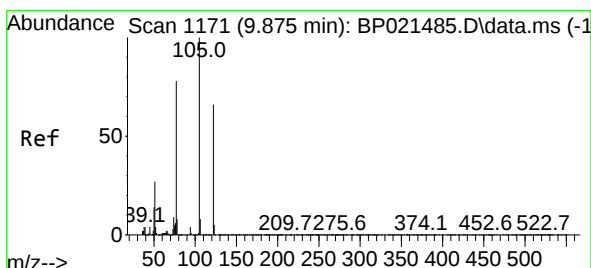
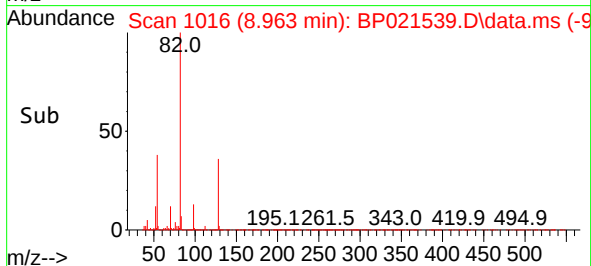
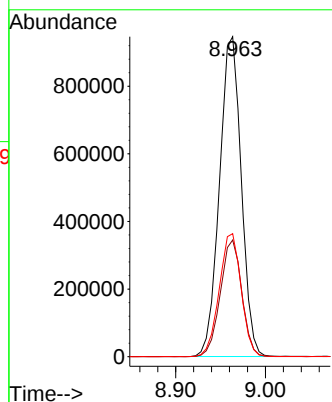
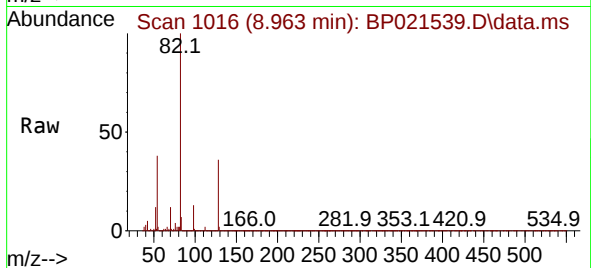
Tgt Ion: 82 Resp: 1594153

Ion Ratio Lower Upper

82 100

128 36.5 26.5 39.7

54 38.5 30.3 45.5



#32

Benzoic acid

Concen: 3.332 ng

RT: 9.858 min Scan# 1168

Delta R.T. -0.017 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

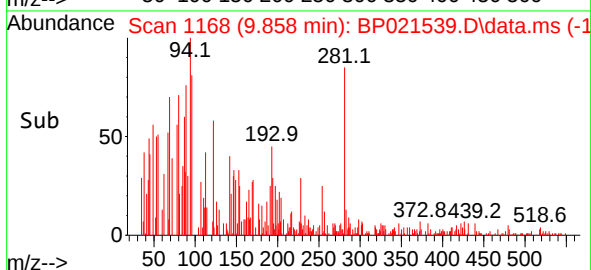
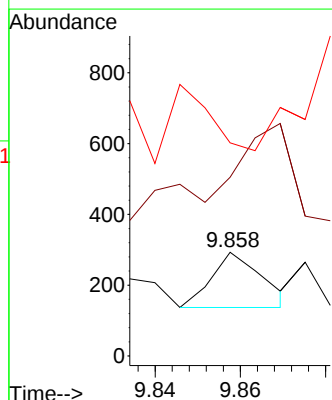
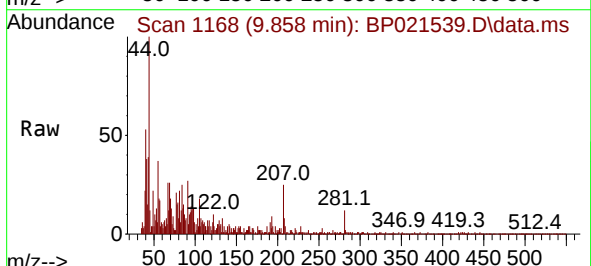
Tgt Ion:122 Resp: 128

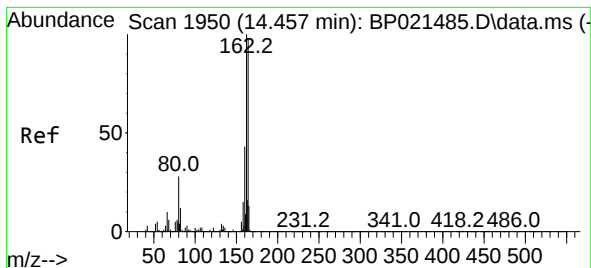
Ion Ratio Lower Upper

122 100

105 172.4 124.6 164.6#

77 205.5 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1950

Delta R.T. 0.006 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Instrument :

BNA_P

ClientSampleId :

OU4-CF-07-080624RE

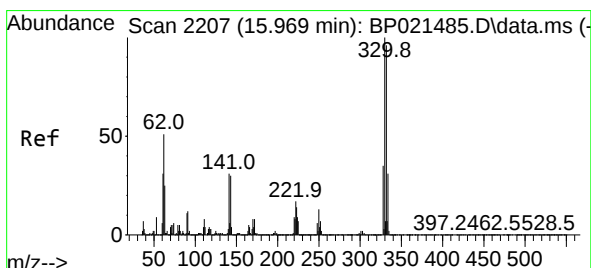
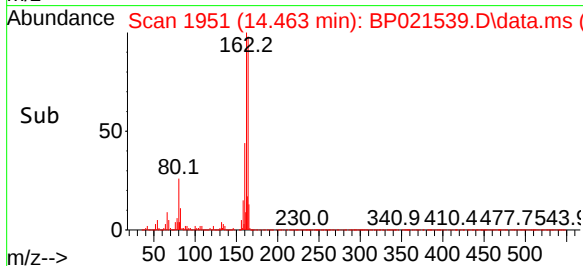
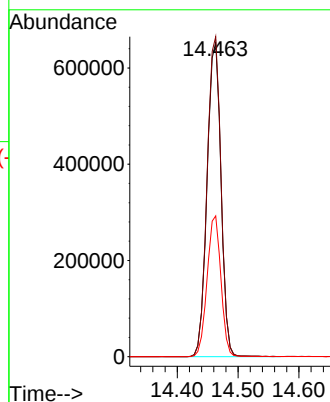
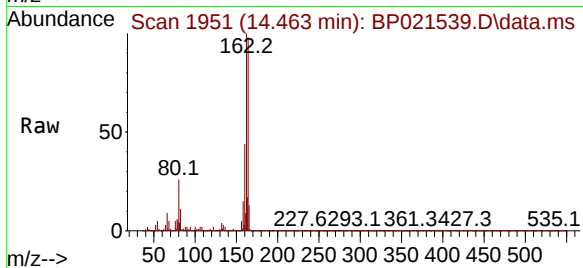
Tgt Ion:164 Resp: 1035485

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

160 44.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 68.197 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

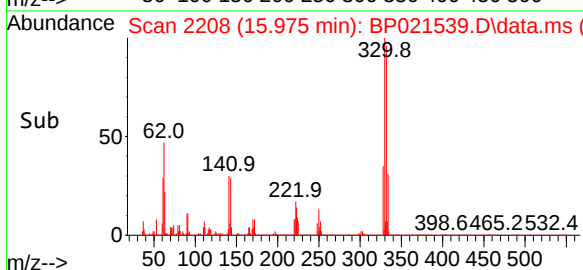
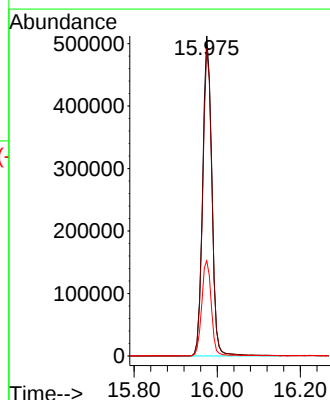
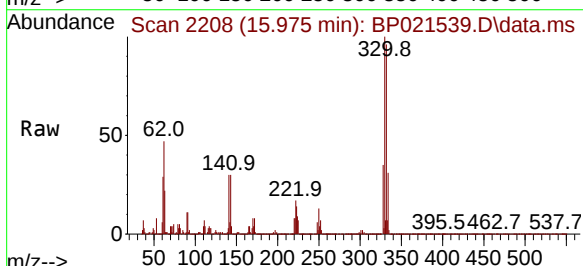
Tgt Ion:330 Resp: 785941

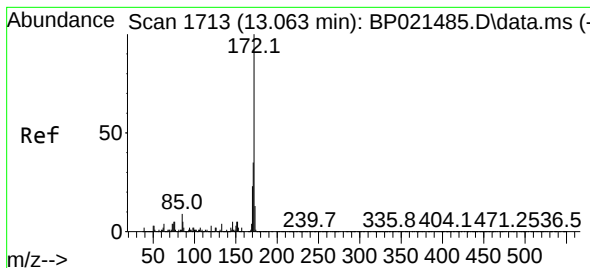
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 30.7 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 38.276 ng

RT: 13.069 min Scan# 1713

Delta R.T. 0.006 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

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ClientSampleId :

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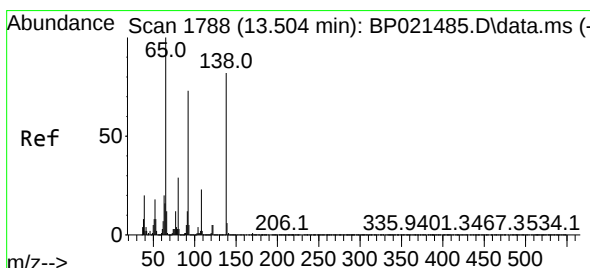
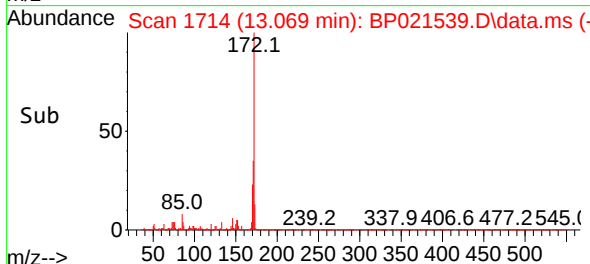
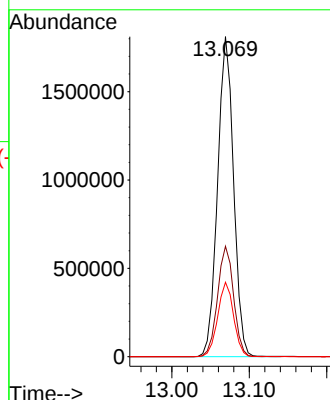
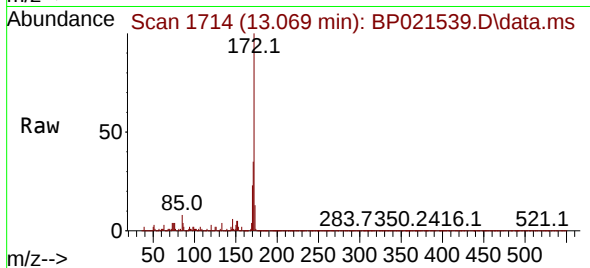
Tgt Ion:172 Resp: 2596986

Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.3 18.4 27.6



#48

2-Nitroaniline

Concen: 5.156 ng

RT: 13.481 min Scan# 1784

Delta R.T. -0.023 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

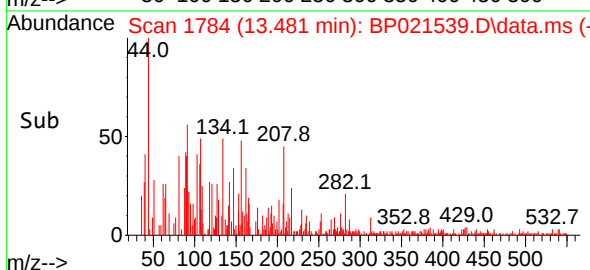
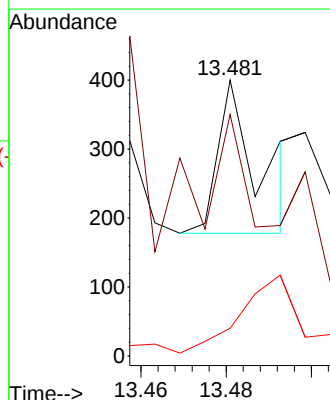
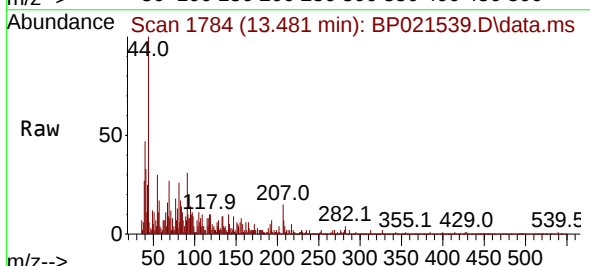
Tgt Ion: 65 Resp: 149

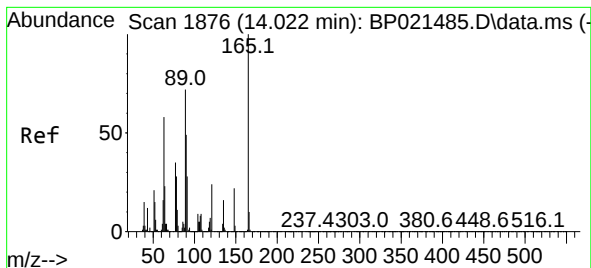
Ion Ratio Lower Upper

65 100

92 87.5 58.1 87.1#

138 10.0 65.5 98.3#





#51

2,6-Dinitrotoluene

Concen: 3.996 ng

RT: 13.863 min Scan# 1876

Delta R.T. -0.159 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Instrument :

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ClientSampleId :

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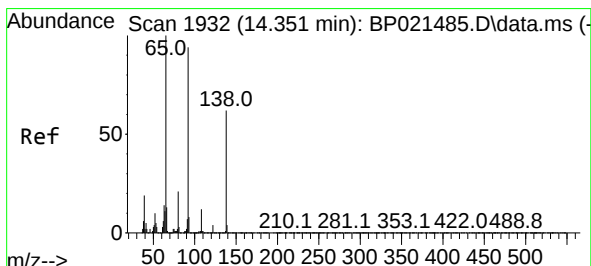
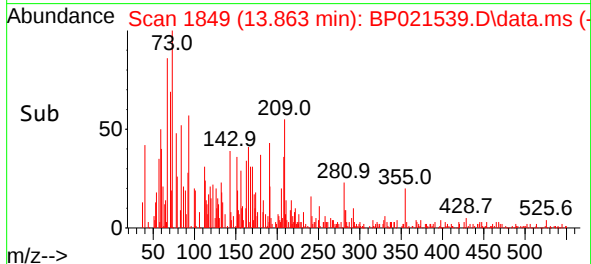
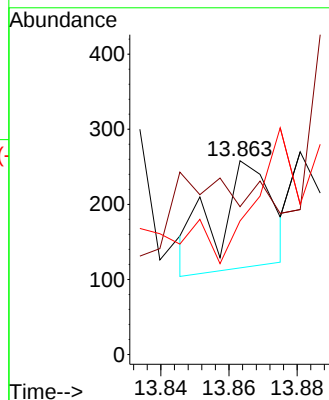
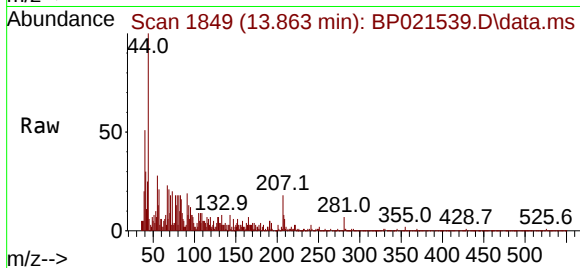
Tgt Ion:165 Resp: 160

Ion Ratio Lower Upper

165 100

63 76.4 51.5 77.3

89 69.0 57.8 86.8



#53

3-Nitroaniline

Concen: 3.973 ng

RT: 14.328 min Scan# 1928

Delta R.T. -0.023 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

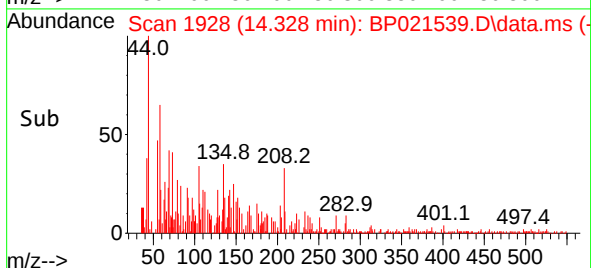
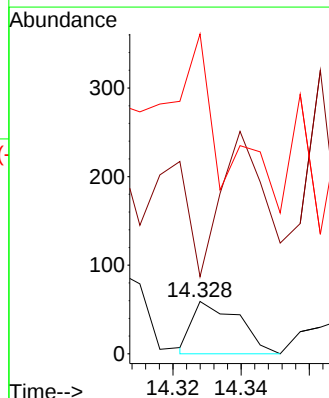
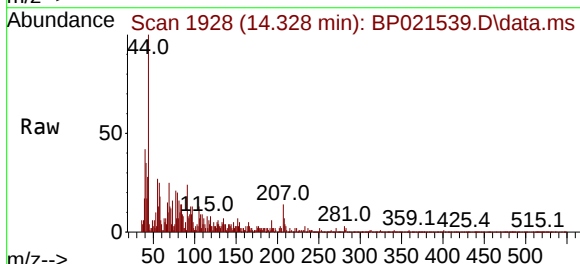
Tgt Ion:138 Resp: 56

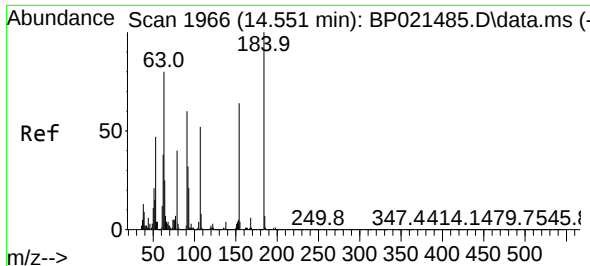
Ion Ratio Lower Upper

138 100

108 147.5 16.2 24.4#

92 611.9 122.2 183.4#

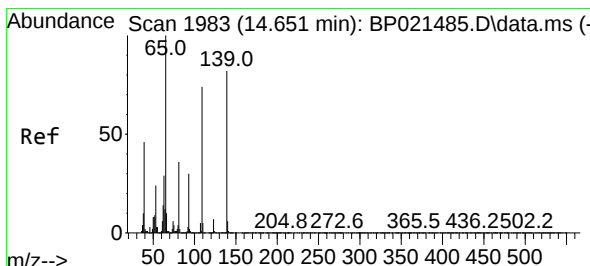
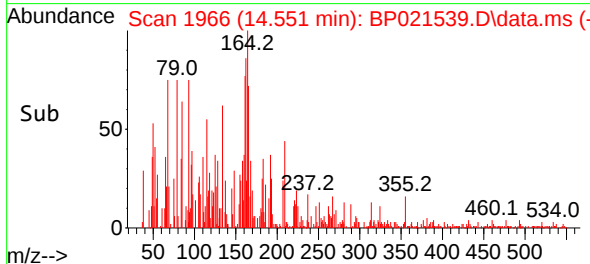
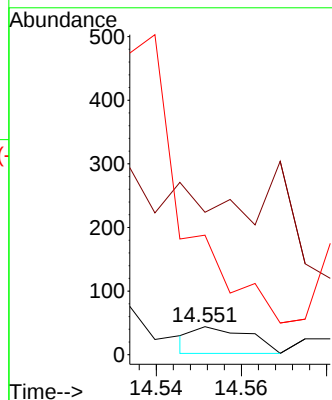
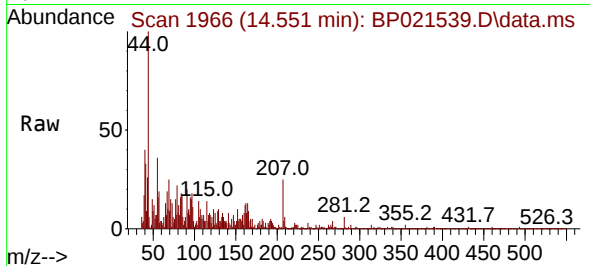




#54
2,4-Dinitrophenol
Concen: 2.445 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

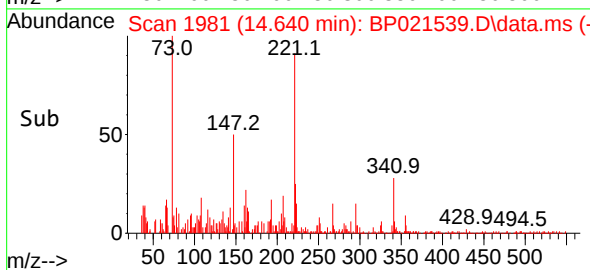
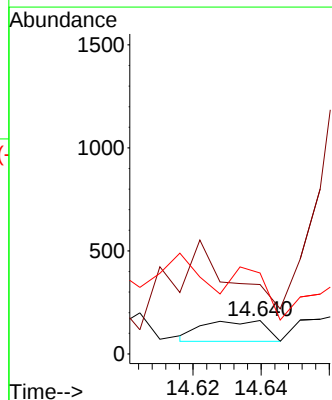
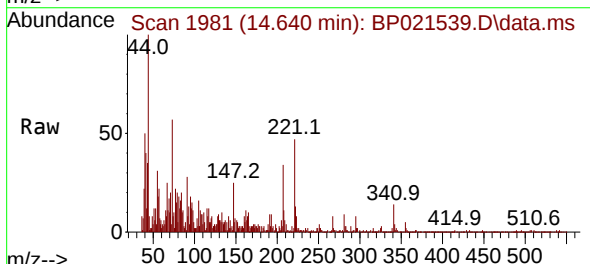
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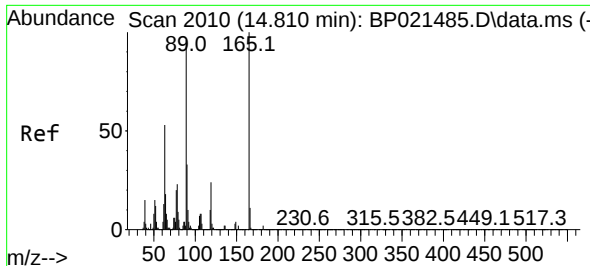
Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 509.1 64.9 97.3#
154 427.3 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.089 ng
RT: 14.640 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

Tgt Ion:139 Resp: 126
Ion Ratio Lower Upper
139 100
109 208.0 70.2 110.2#
65 242.6 101.8 141.8#

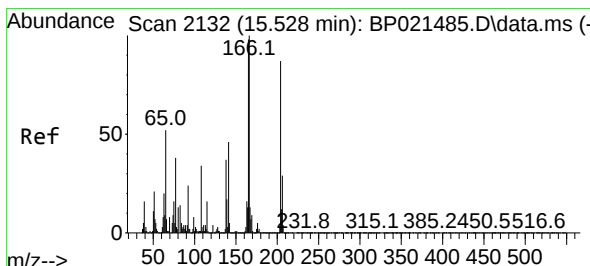
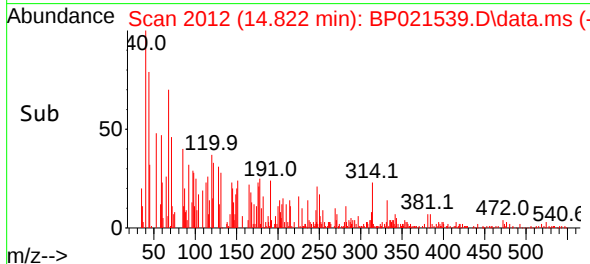
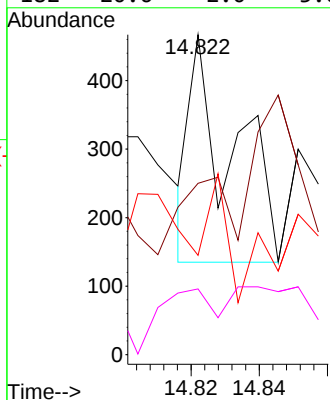
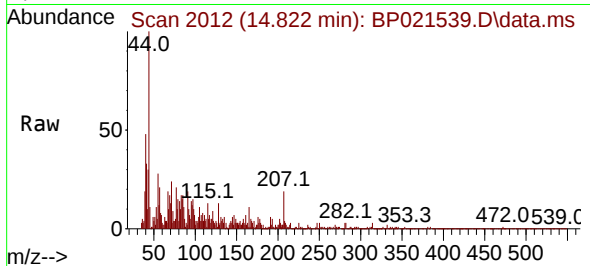




#57
2,4-Dinitrotoluene
Concen: 5.037 ng
RT: 14.822 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

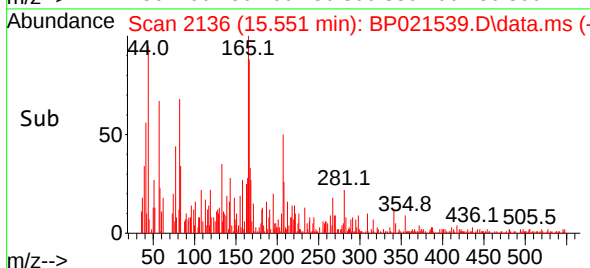
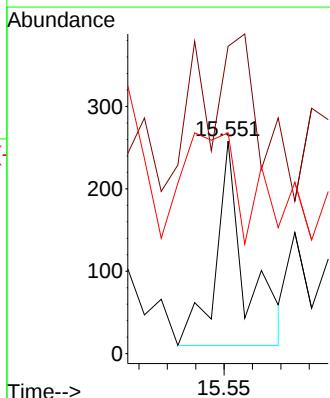
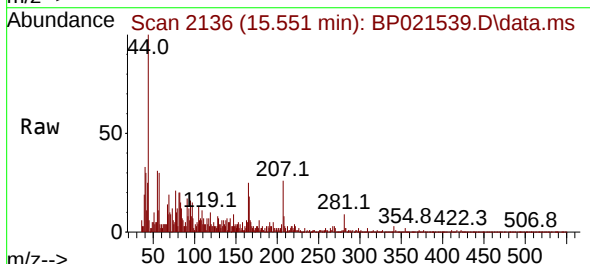
Instrument :
BNA_P
ClientSampleId :
OU4-CF-07-080624RE

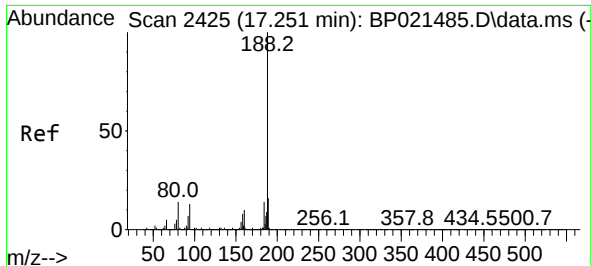
Tgt Ion:165 Resp: 287
Ion Ratio Lower Upper
165 100
63 53.5 42.5 63.7
89 31.0 77.1 115.7#
182 20.6 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.947 ng
RT: 15.551 min Scan# 2136
Delta R.T. 0.023 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

Tgt Ion:138 Resp: 178
Ion Ratio Lower Upper
138 100
92 144.6 46.4 86.4#
108 103.9 73.2 113.2

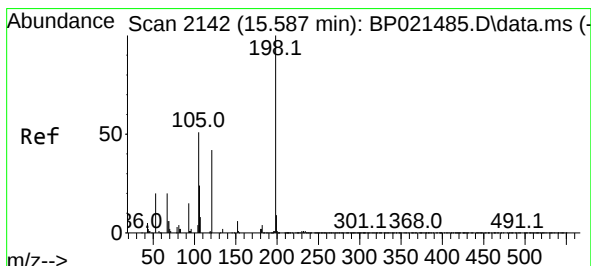
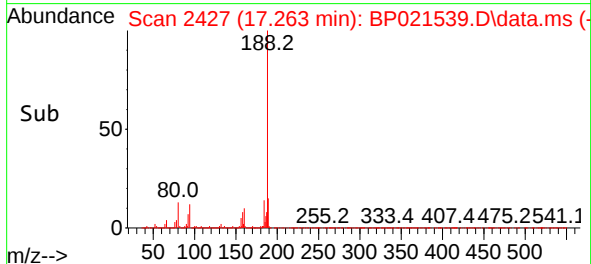
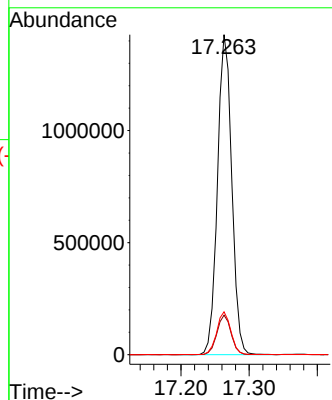
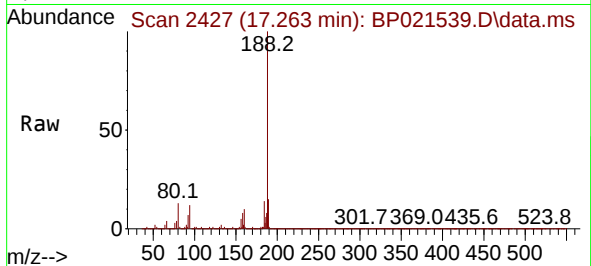




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

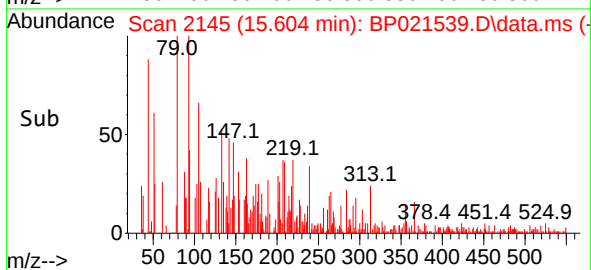
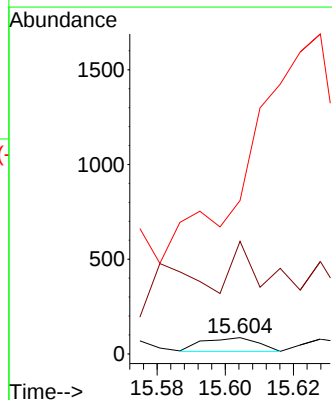
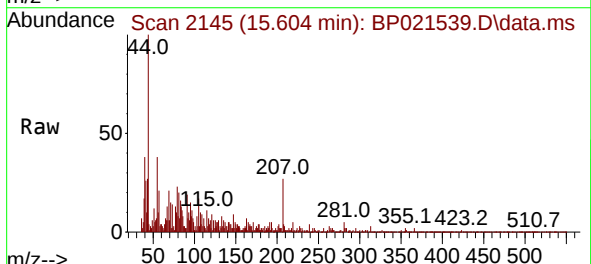
Instrument :
BNA_P
ClientSampleId :
OU4-CF-07-080624RE

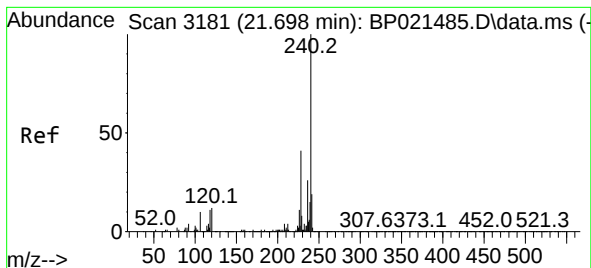
Tgt Ion:188 Resp: 2078183
Ion Ratio Lower Upper
188 100
94 12.3 10.2 15.4
80 13.4 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.623 ng
RT: 15.604 min Scan# 2145
Delta R.T. 0.017 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

Tgt Ion:198 Resp: 81
Ion Ratio Lower Upper
198 100
51 690.7 21.5 61.5#
105 941.9 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.024 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Instrument :

BNA_P

ClientSampleId :

OU4-CF-07-080624RE

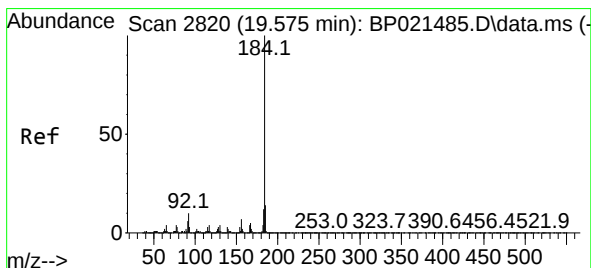
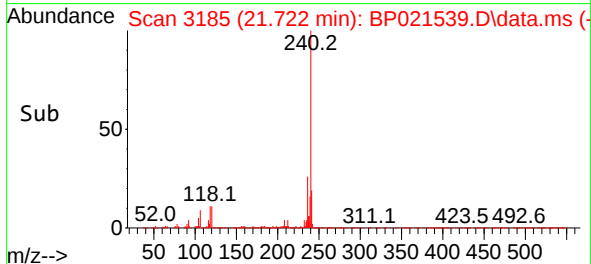
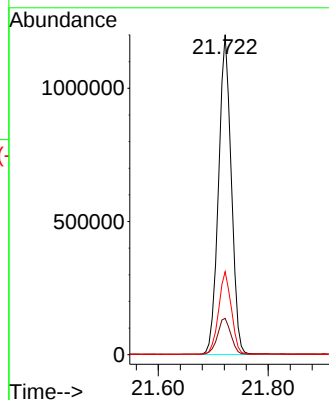
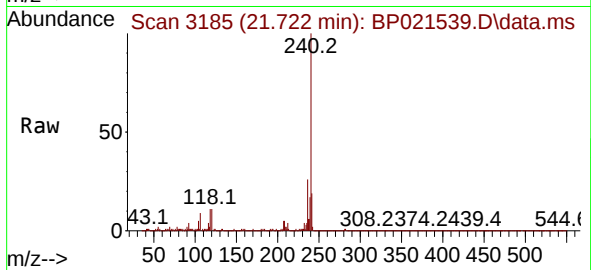
Tgt Ion:240 Resp: 1931232

Ion Ratio Lower Upper

240 100

120 11.3 9.9 14.9

236 26.0 20.6 30.8



#77

Benzidine

Concen: 4.591 ng

RT: 19.575 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

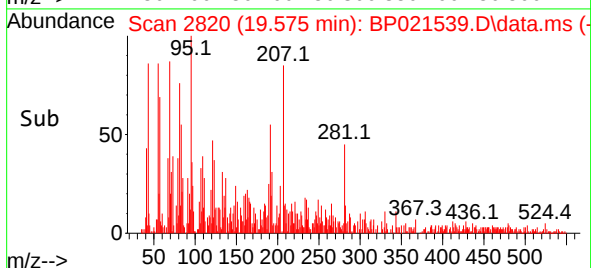
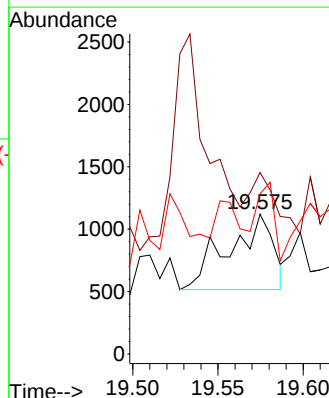
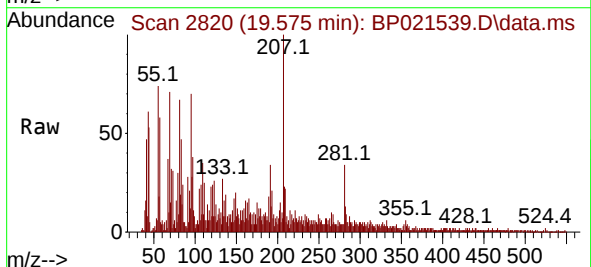
Tgt Ion:184 Resp: 1099

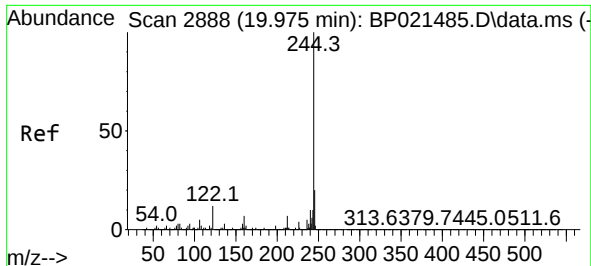
Ion Ratio Lower Upper

184 100

185 129.8 11.4 17.0#

183 114.6 9.3 13.9#

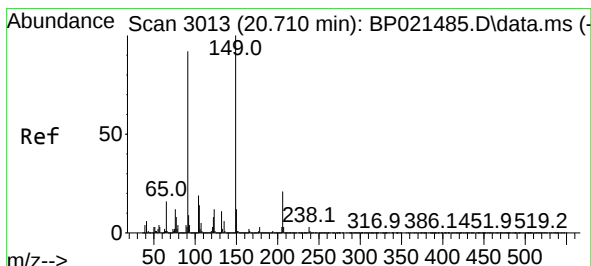
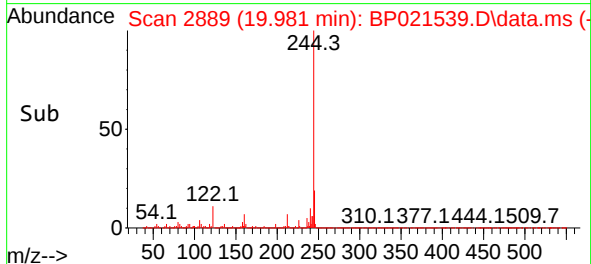
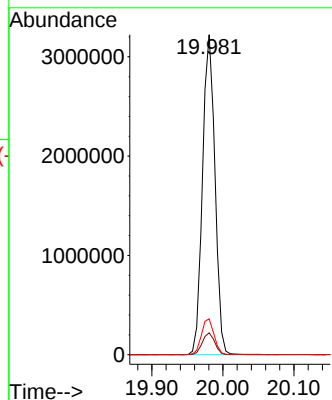
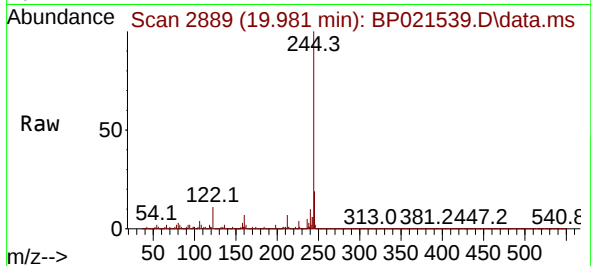




#79
 Terphenyl-d14
 Concen: 39.552 ng
 RT: 19.981 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP021539.D
 Acq: 16 Aug 2024 14:30

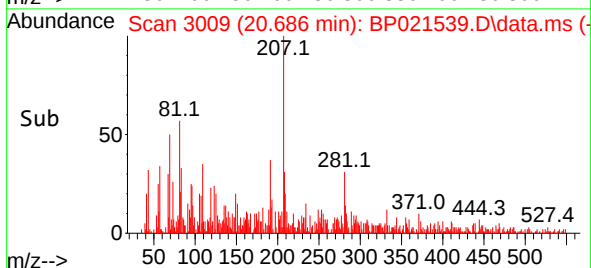
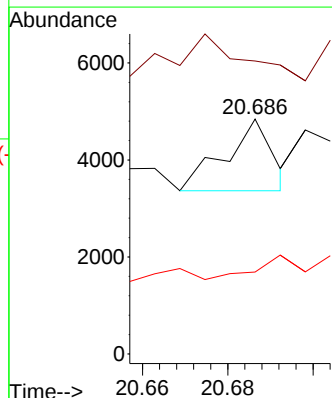
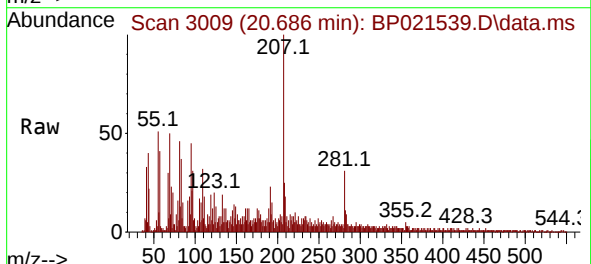
Instrument :
 BNA_P
 ClientSampleId :
 OU4-CF-07-080624RE

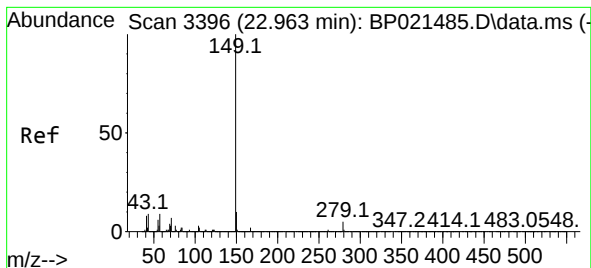
Tgt Ion:244 Resp: 3931800
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.2 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.624 ng
 RT: 20.686 min Scan# 3009
 Delta R.T. -0.024 min
 Lab File: BP021539.D
 Acq: 16 Aug 2024 14:30

Tgt Ion:149 Resp: 1136
 Ion Ratio Lower Upper
 149 100
 91 124.7 73.3 109.9#
 206 34.9 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.841 ng

RT: 22.980 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Instrument :

BNA_P

ClientSampleId :

OU4-CF-07-080624RE

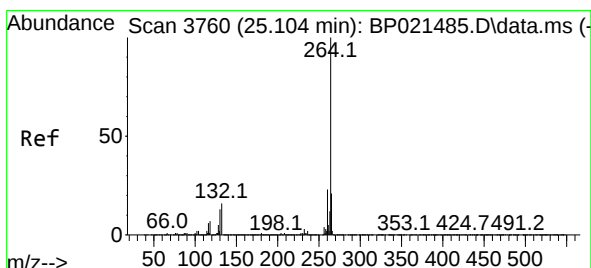
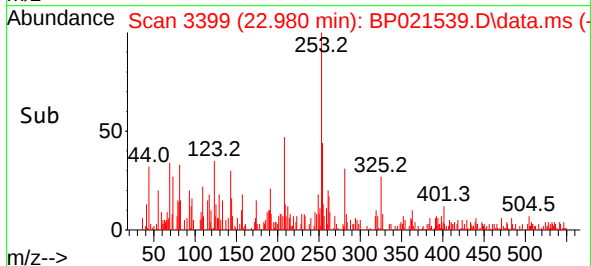
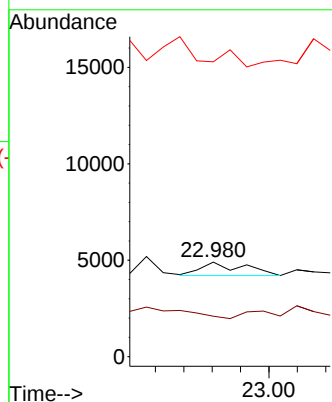
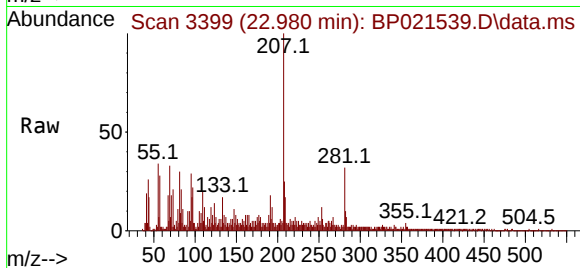
Tgt Ion:149 Resp: 737

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 141.2 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.151 min Scan# 3768

Delta R.T. 0.047 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Tgt Ion:264 Resp: 2266318

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.0 17.1 25.7

