

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021490.D
 Acq On : 13 Aug 2024 19:46
 Operator : RC/JU
 Sample : PB162612TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162612TB

Quant Time: Aug 14 00:57:06 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)

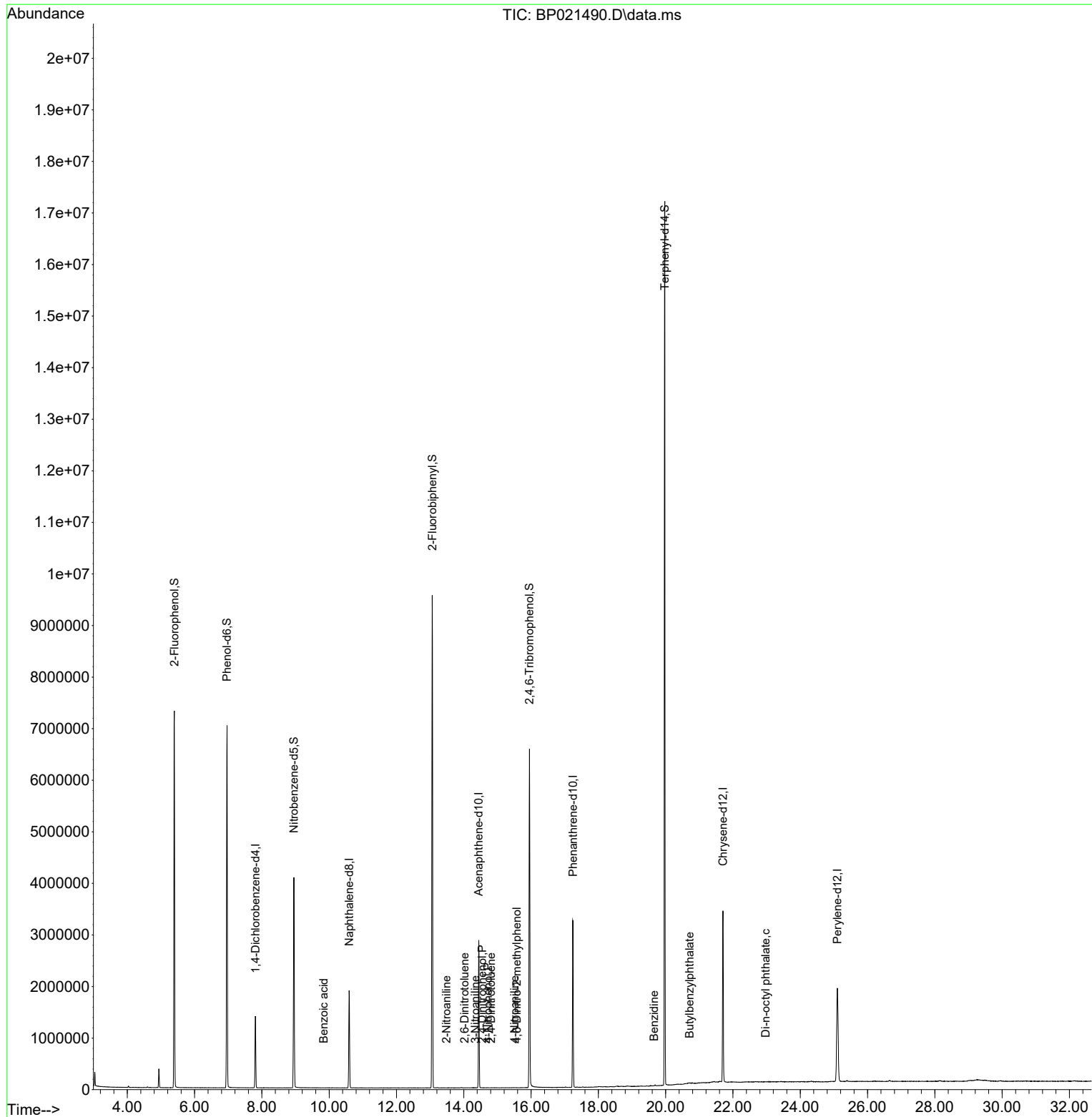
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	358453	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1426812	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	952312	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	2034866	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1809314	20.000	ng	0.00
86) Perylene-d12	25.104	264	2019682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3197598	132.458	ng	0.00
7) Phenol-d6	6.963	99	4393217	124.753	ng	0.00
23) Nitrobenzene-d5	8.951	82	2610521	94.436	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1441962	136.049	ng	-0.02
45) 2-Fluorobiphenyl	13.063	172	5173939	82.917	ng	0.00
79) Terphenyl-d14	19.974	244	8395804	90.149	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.693	139	30	Below Cal	#	1
32) Benzoic acid	9.840	122	103	3.333 ng	#	1
48) 2-Nitroaniline	13.487	65	101	5.153 ng	#	37
51) 2,6-Dinitrotoluene	14.028	165	231	4.002 ng	#	58
53) 3-Nitroaniline	14.339	138	74	3.975 ng	#	43
54) 2,4-Dinitrophenol	14.545	184	14	2.436 ng	#	1
56) 4-Nitrophenol	14.716	139	223	5.098 ng		91
57) 2,4-Dinitrotoluene	14.810	165	174	5.032 ng	#	28
62) 4-Nitroaniline	15.510	138	62	2.939 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.575	198	16	4.609 ng	#	1
77) Benzidine	19.657	184	88	4.574 ng		99
80) Butylbenzylphthalate	20.710	149	312	3.609 ng	#	1
85) Di-n-octyl phthalate	22.974	149	223	4.838 ng	#	1

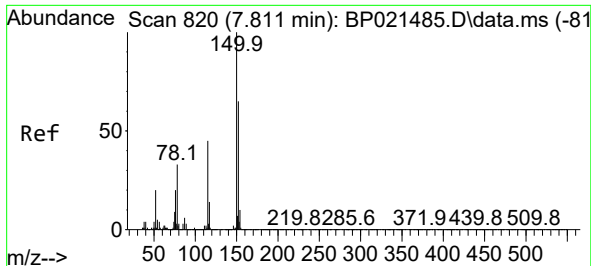
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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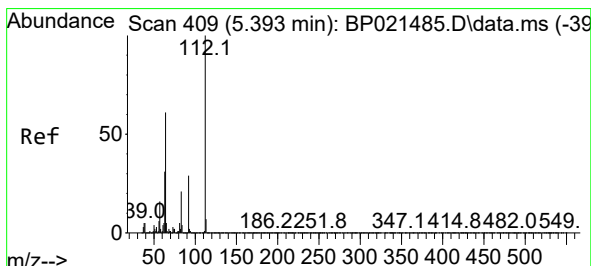
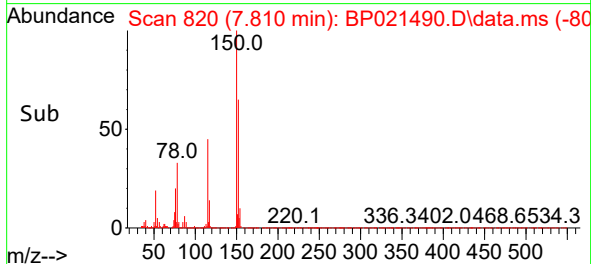
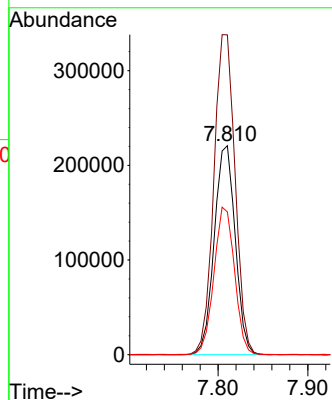
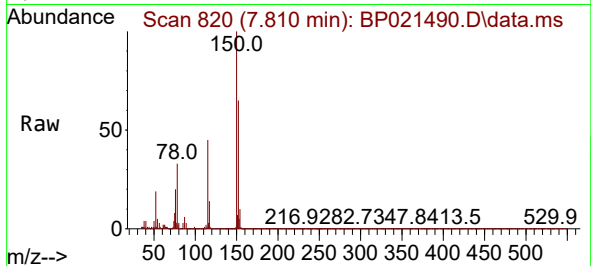




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

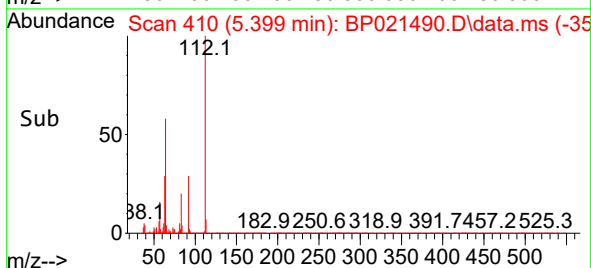
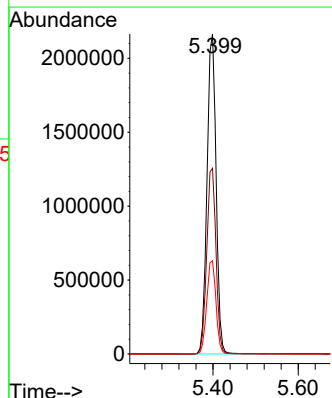
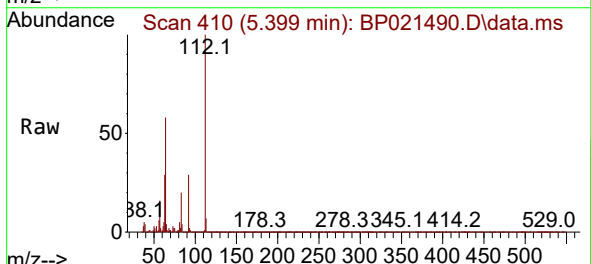
Instrument :
BNA_P
ClientSampleId :
PB162612TB

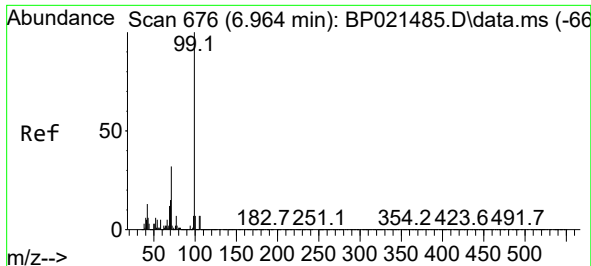
Tgt Ion:152 Resp: 358453
Ion Ratio Lower Upper
152 100
150 153.1 122.4 183.6
115 68.3 54.7 82.1



#5
2-Fluorophenol
Concen: 132.458 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion:112 Resp: 3197598
Ion Ratio Lower Upper
112 100
64 58.1 49.0 73.6
63 29.1 24.6 36.8



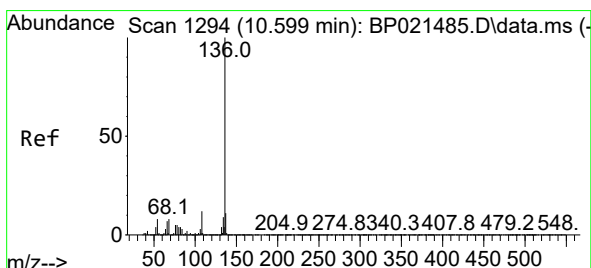
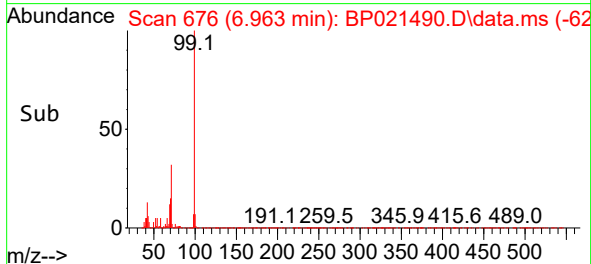
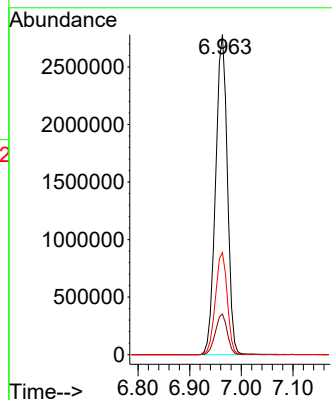
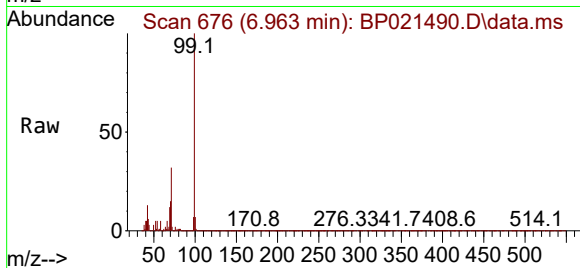


#7
Phenol-d6
Concen: 124.753 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Instrument :
BNA_P
ClientSampleId :
PB162612TB

Tgt Ion: 99 Resp: 4393217

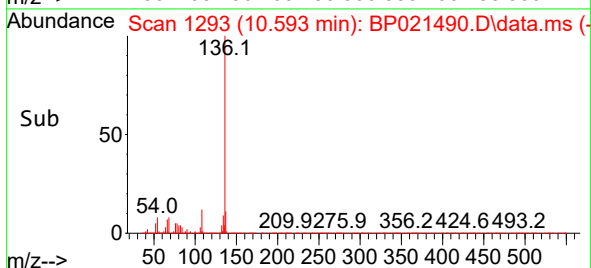
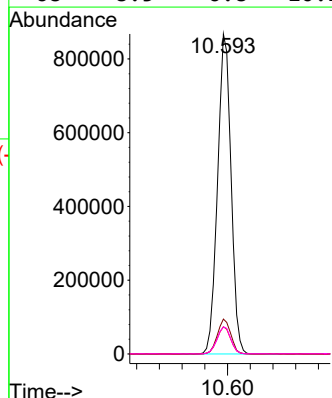
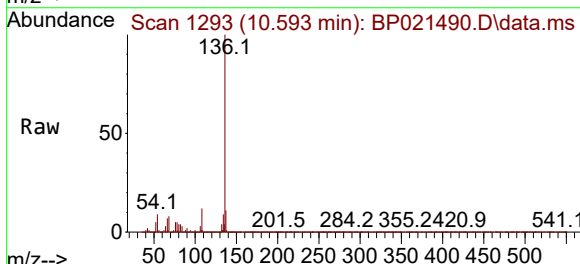
Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.2	15.4
71	31.9	25.8	38.8

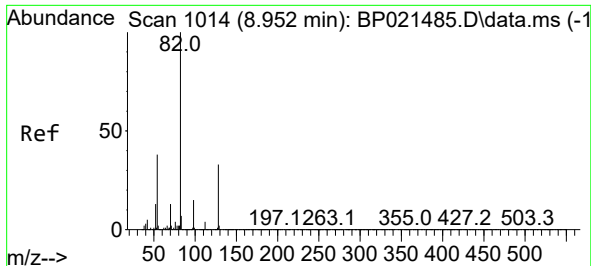


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion: 136 Resp: 1426812

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	6.3	9.5
68	8.5	6.8	10.2





#23

Nitrobenzene-d5

Concen: 94.436 ng

RT: 8.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Instrument :

BNA_P

ClientSampleId :

PB162612TB

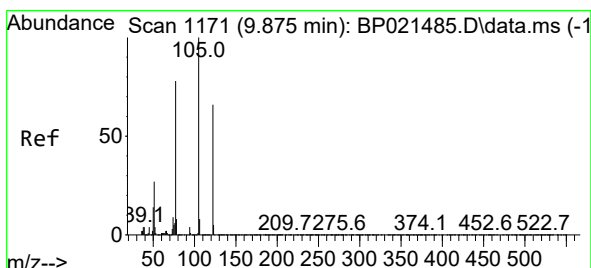
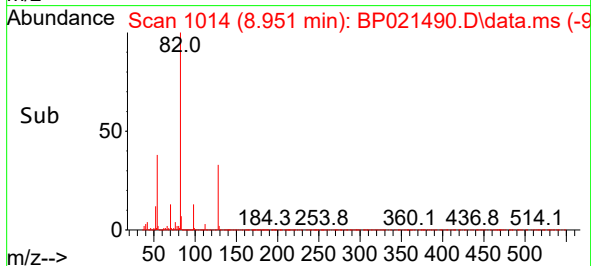
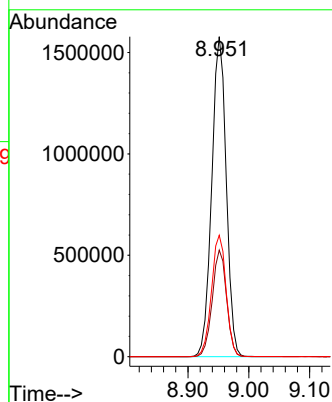
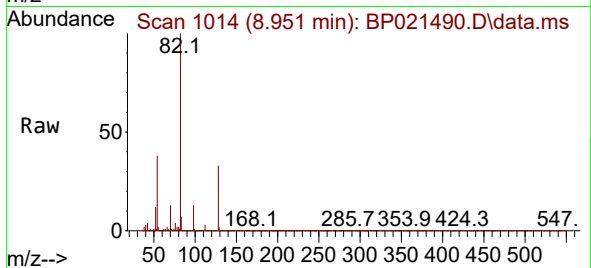
Tgt Ion: 82 Resp: 2610521

Ion Ratio Lower Upper

82 100

128 33.3 26.5 39.7

54 38.0 30.3 45.5



#32

Benzoic acid

Concen: 3.333 ng

RT: 9.840 min Scan# 1165

Delta R.T. -0.035 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

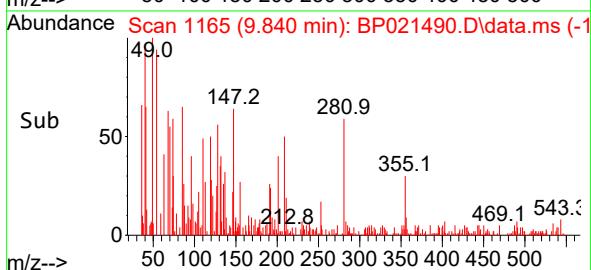
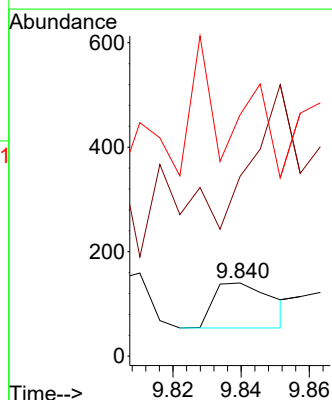
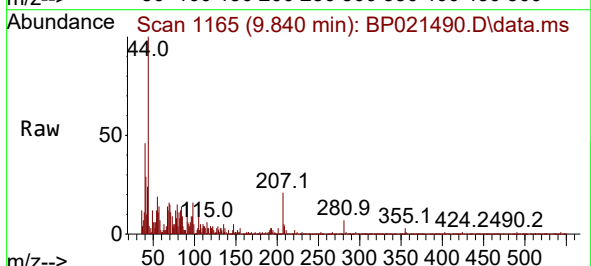
Tgt Ion: 122 Resp: 103

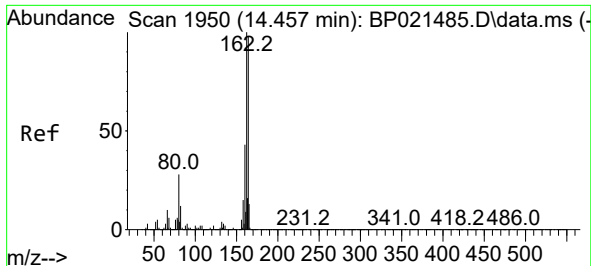
Ion Ratio Lower Upper

122 100

105 245.7 124.6 164.6#

77 330.0 96.2 136.2#

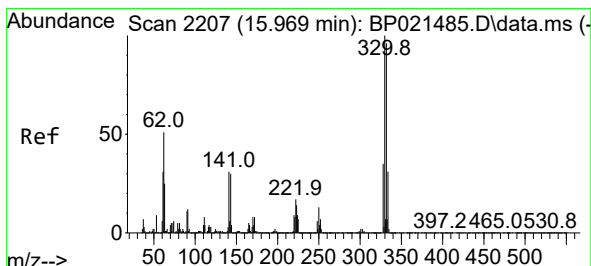
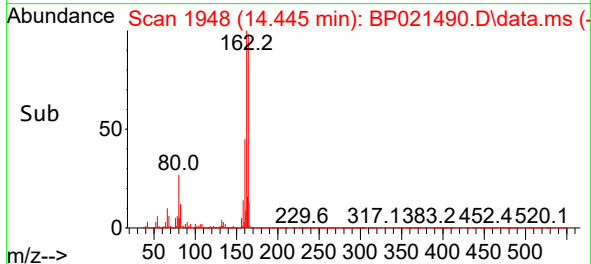
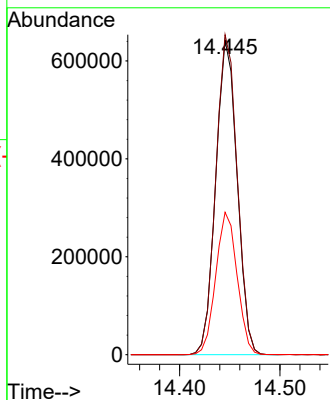
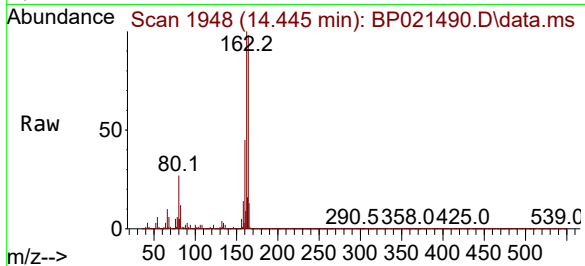




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

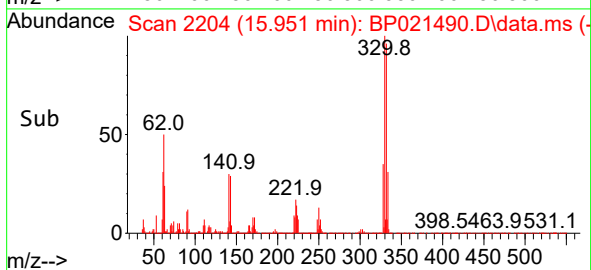
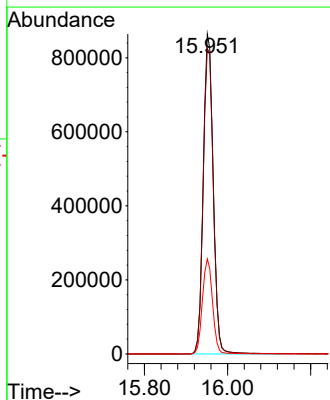
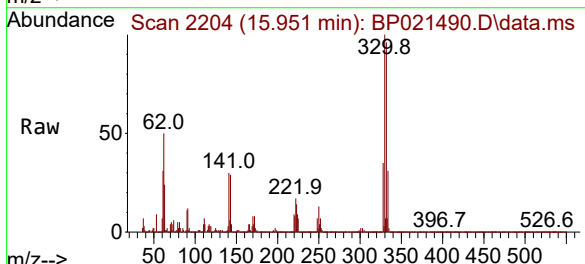
Instrument :
BNA_P
ClientSampleId :
PB162612TB

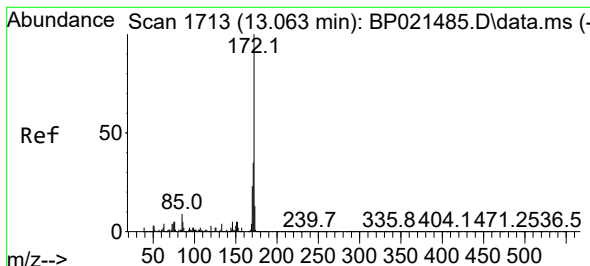
Tgt Ion:164 Resp: 952312
Ion Ratio Lower Upper
164 100
162 101.7 81.5 122.3
160 45.3 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 136.049 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.018 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion:330 Resp: 1441962
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 30.1 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 82.917 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Instrument :

BNA_P

ClientSampleId :

PB162612TB

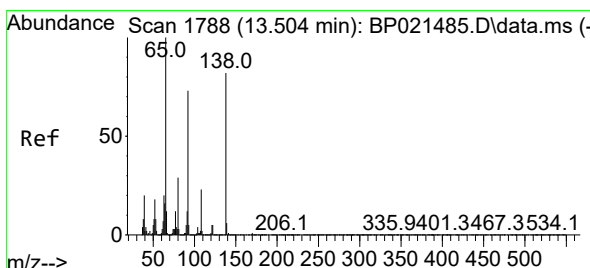
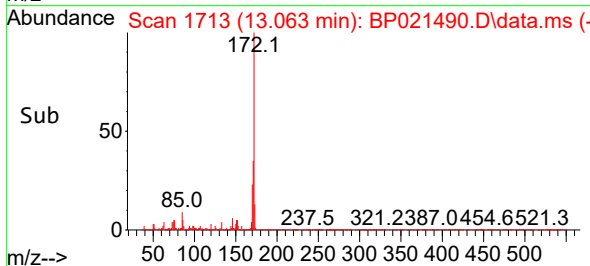
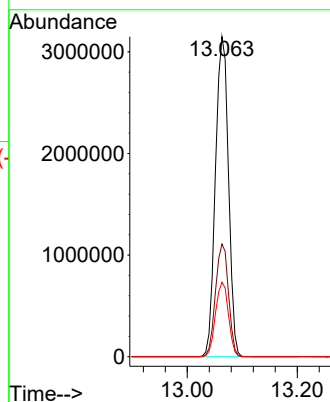
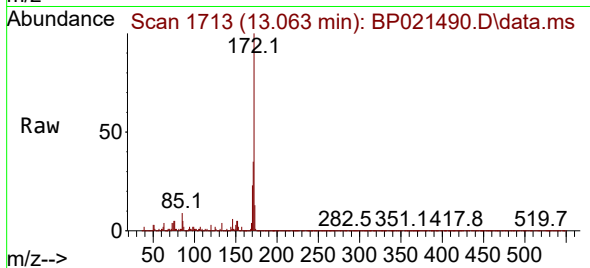
Tgt Ion:172 Resp: 5173939

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.2 18.4 27.6



#48

2-Nitroaniline

Concen: 5.153 ng

RT: 13.487 min Scan# 1785

Delta R.T. -0.017 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

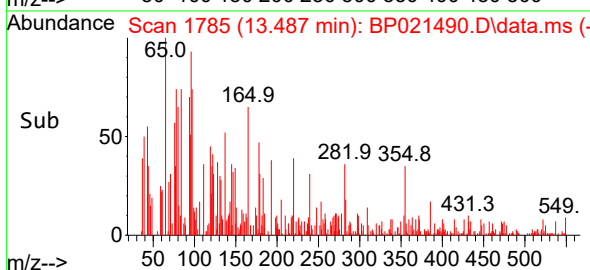
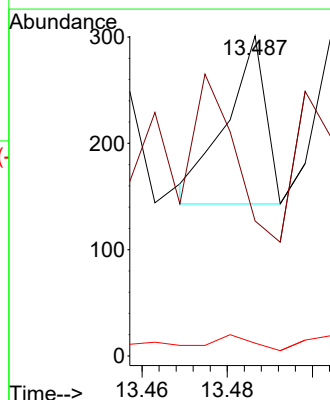
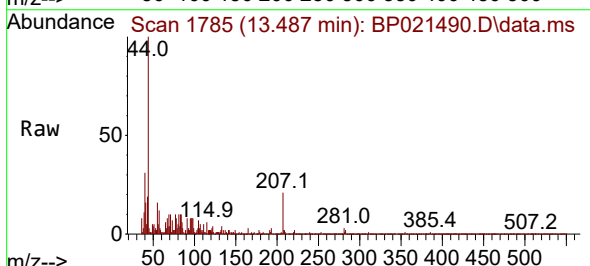
Tgt Ion: 65 Resp: 101

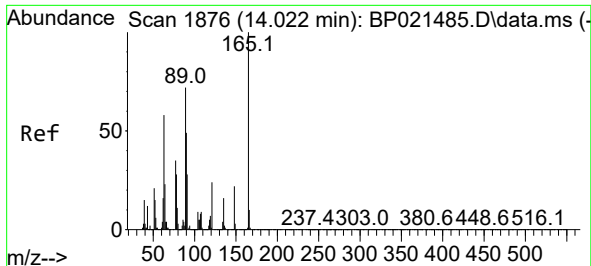
Ion Ratio Lower Upper

65 100

92 42.2 58.1 87.1#

138 4.0 65.5 98.3#

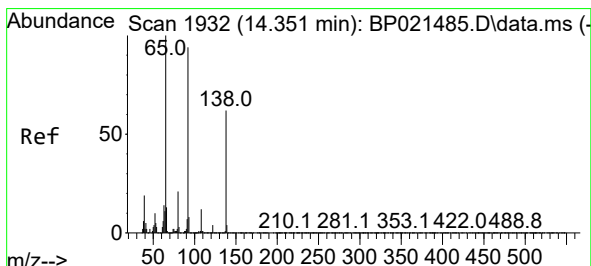
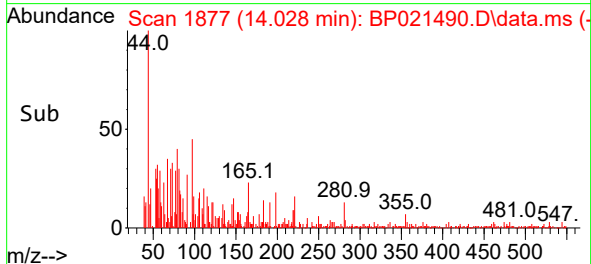
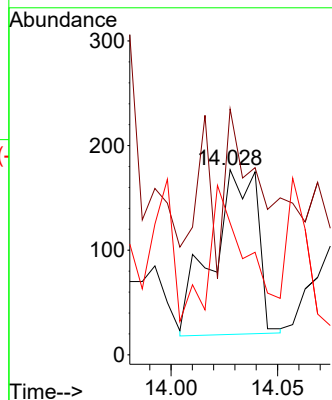
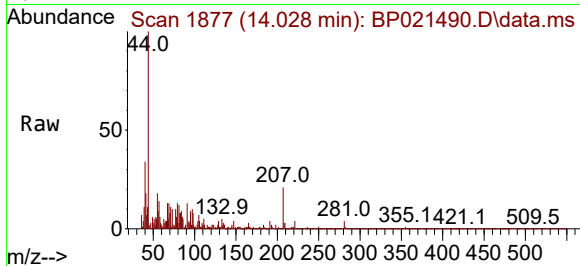




#51
2,6-Dinitrotoluene
Concen: 4.002 ng
RT: 14.028 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

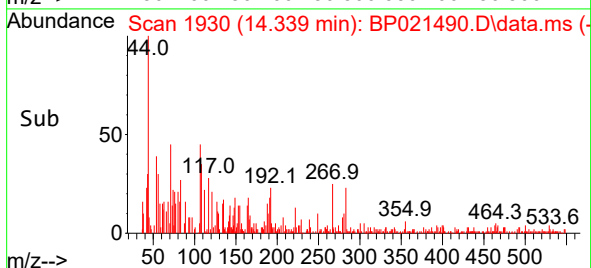
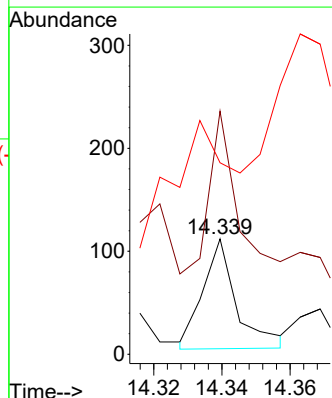
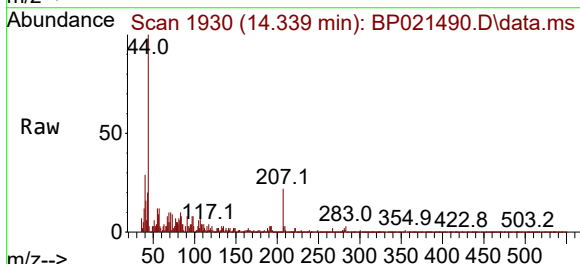
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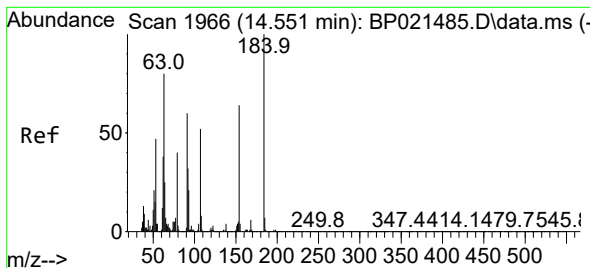
Tgt Ion:165 Resp: 231
Ion Ratio Lower Upper
165 100
63 132.8 51.5 77.3#
89 71.2 57.8 86.8



#53
3-Nitroaniline
Concen: 3.975 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion:138 Resp: 74
Ion Ratio Lower Upper
138 100
108 210.7 16.2 24.4#
92 166.1 122.2 183.4

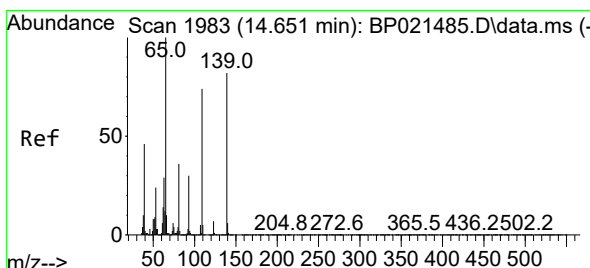
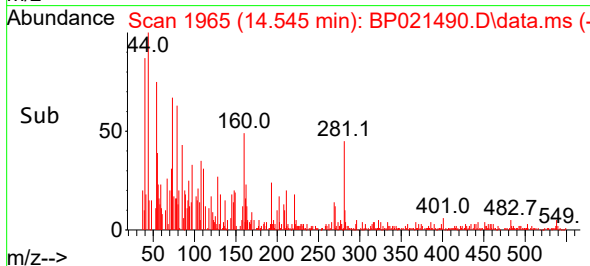
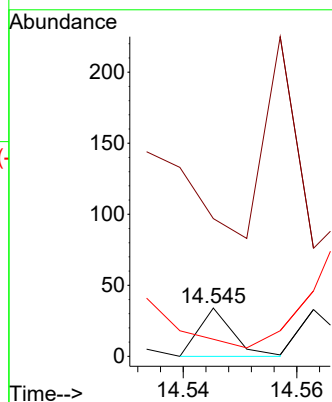
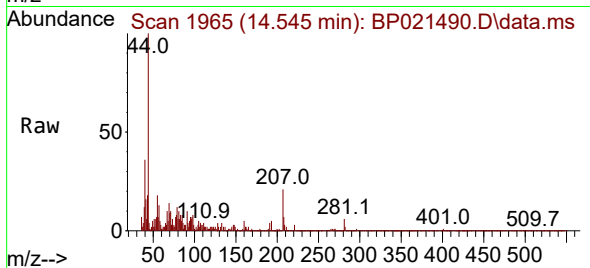




#54
2,4-Dinitrophenol
Concen: 2.436 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

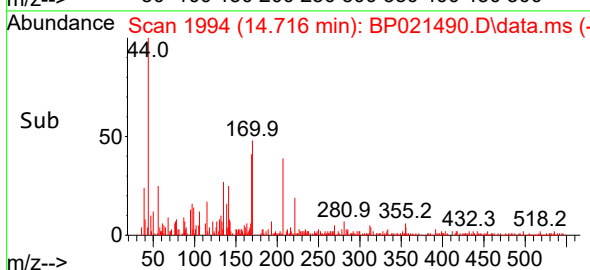
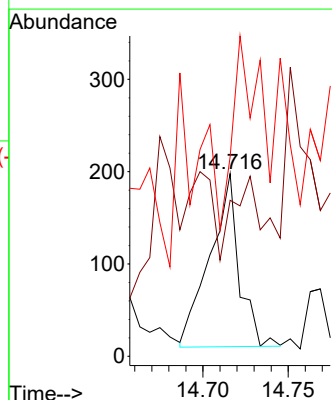
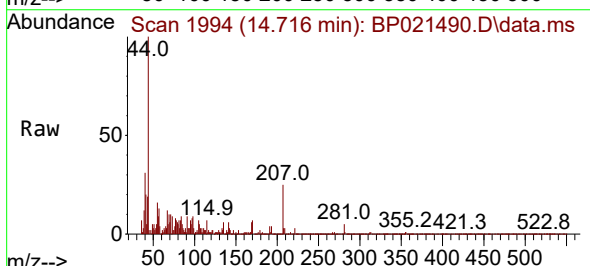
Instrument :
BNA_P
ClientSampleId :
PB162612TB

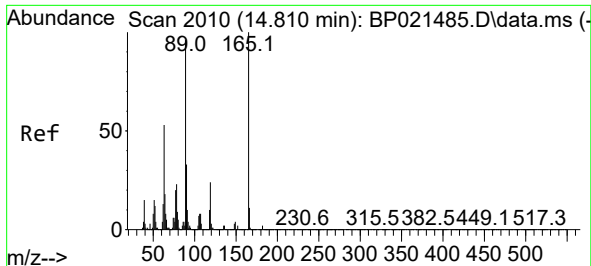
Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 285.3 64.9 97.3#
154 73.5 52.1 78.1



#56
4-Nitrophenol
Concen: 5.098 ng
RT: 14.716 min Scan# 1994
Delta R.T. 0.065 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion:139 Resp: 223
Ion Ratio Lower Upper
139 100
109 85.4 70.2 110.2
65 109.1 101.8 141.8

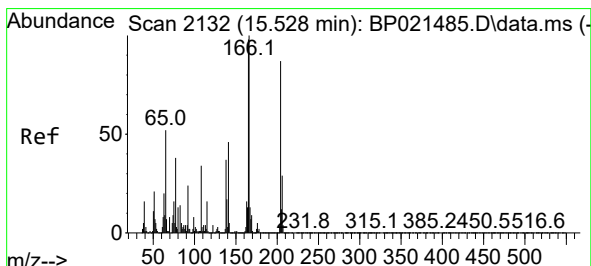
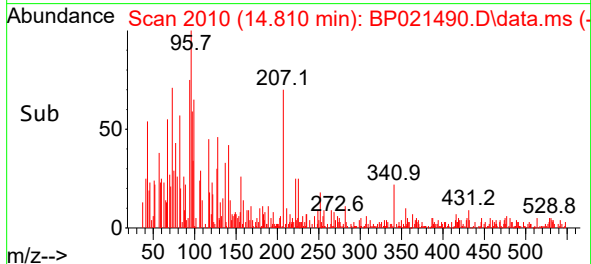
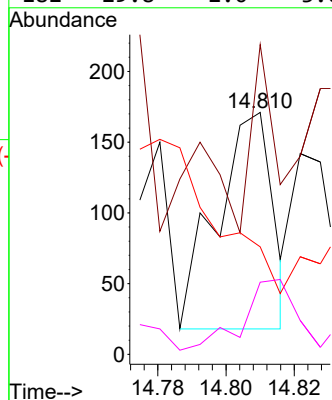
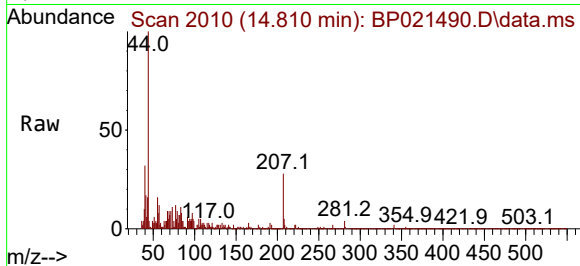




#57
2,4-Dinitrotoluene
Concen: 5.032 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

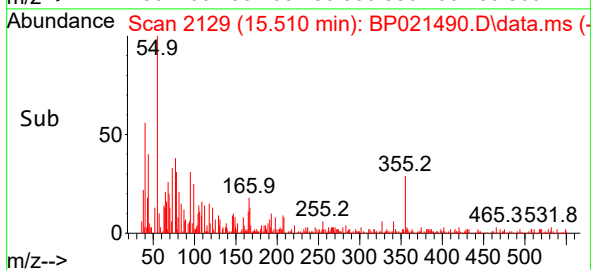
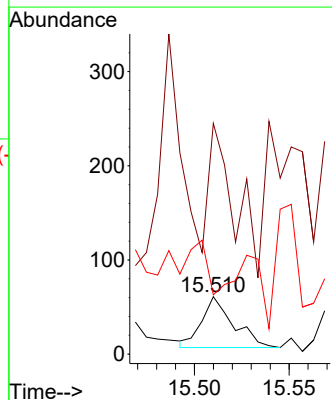
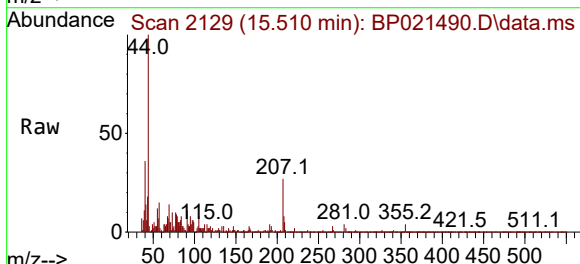
Instrument :
BNA_P
ClientSampleId :
PB162612TB

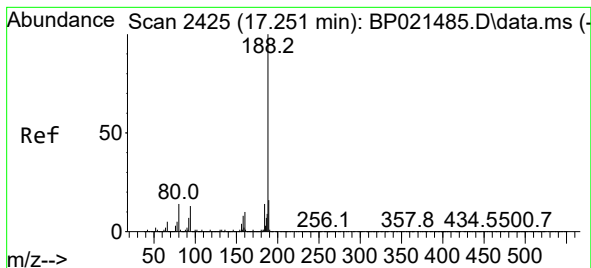
Tgt Ion:165 Resp: 174
Ion Ratio Lower Upper
165 100
63 128.1 42.5 63.7#
89 44.4 77.1 115.7#
182 29.8 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.939 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
92 401.6 46.4 86.4#
108 103.3 73.2 113.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Instrument :

BNA_P

ClientSampleId :

PB162612TB

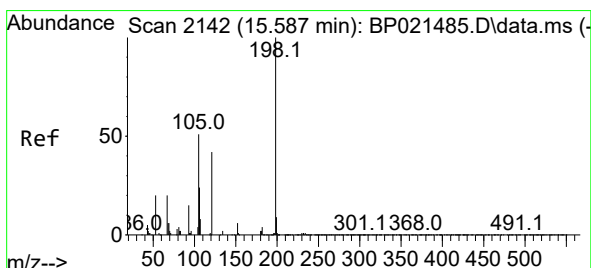
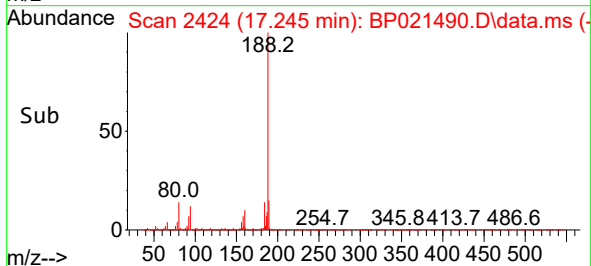
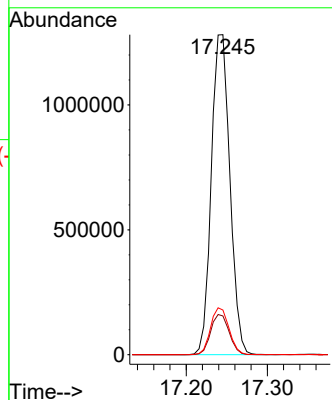
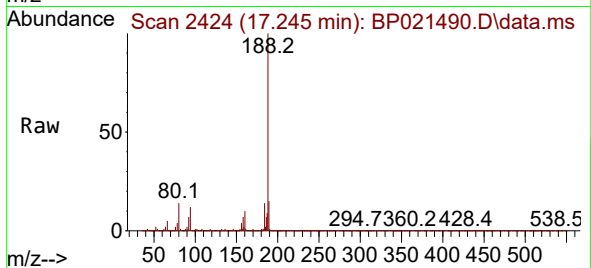
Tgt Ion:188 Resp: 2034866

Ion Ratio Lower Upper

188 100

94 12.1 10.2 15.4

80 13.9 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.609 ng

RT: 15.575 min Scan# 2140

Delta R.T. -0.012 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

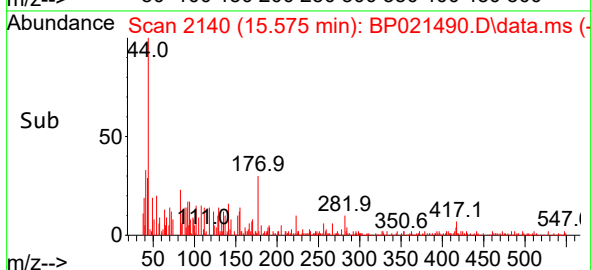
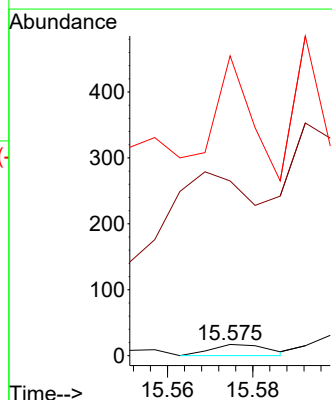
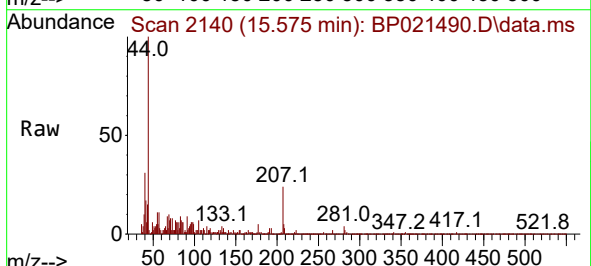
Tgt Ion:198 Resp: 16

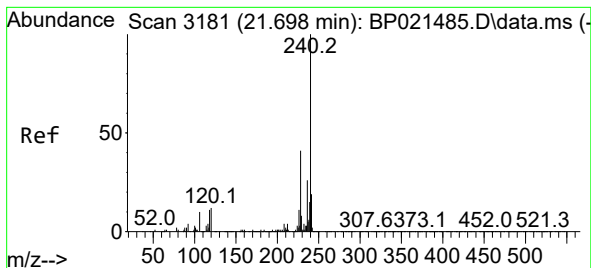
Ion Ratio Lower Upper

198 100

51 1558.8 21.5 61.5#

105 2676.5 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.704 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Instrument :

BNA_P

ClientSampleId :

PB162612TB

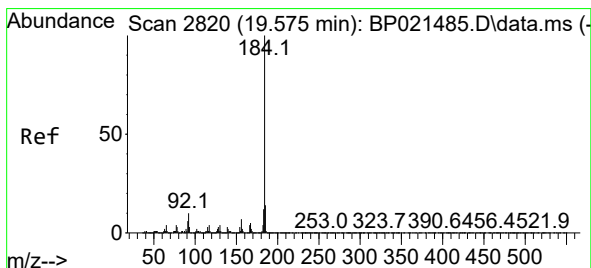
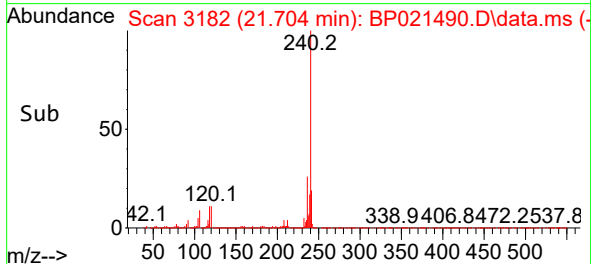
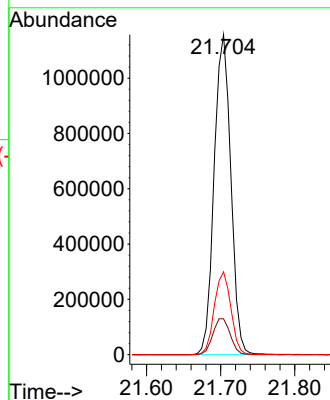
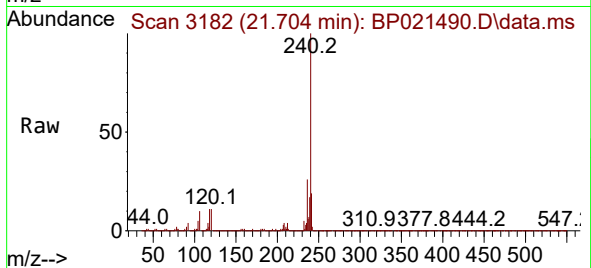
Tgt Ion:240 Resp: 1809314

Ion Ratio Lower Upper

240 100

120 11.2 9.9 14.9

236 25.9 20.6 30.8



#77

Benzidine

Concen: 4.574 ng

RT: 19.657 min Scan# 2834

Delta R.T. 0.082 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

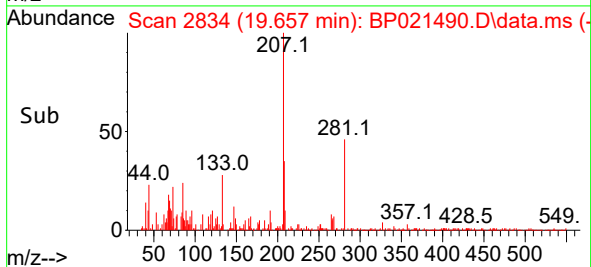
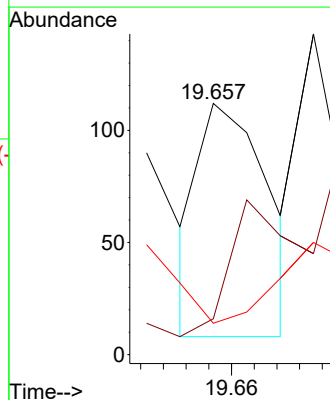
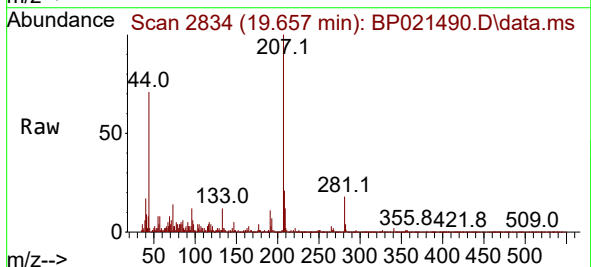
Tgt Ion:184 Resp: 88

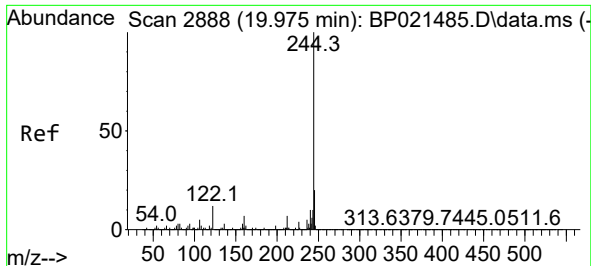
Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 12.5 9.3 13.9

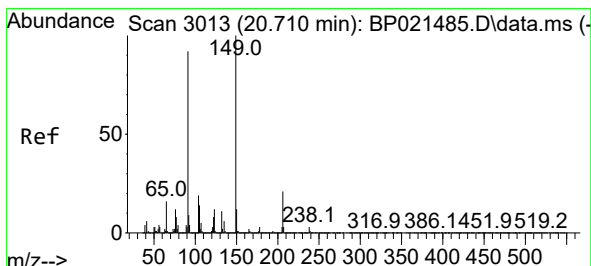
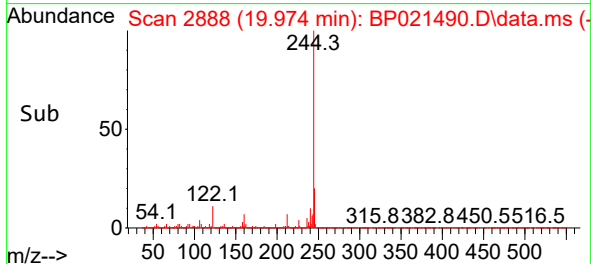
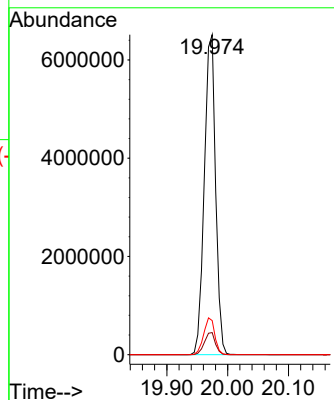
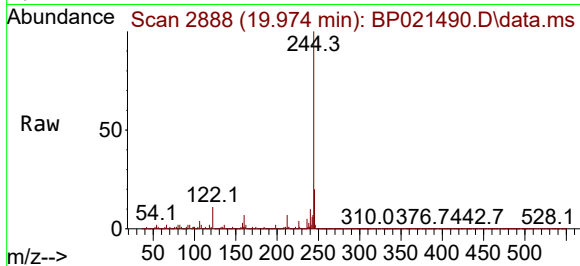




#79
 Terphenyl-d14
 Concen: 90.149 ng
 RT: 19.974 min Scan# 2888
 Delta R.T. -0.001 min
 Lab File: BP021490.D
 Acq: 13 Aug 2024 19:46

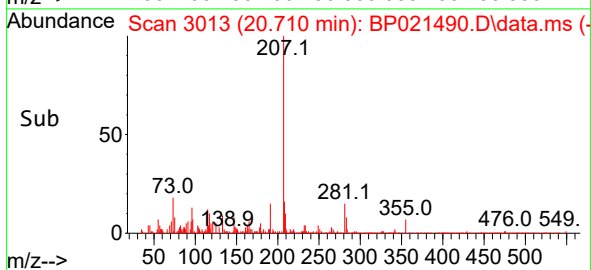
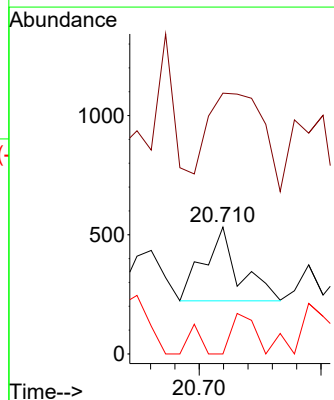
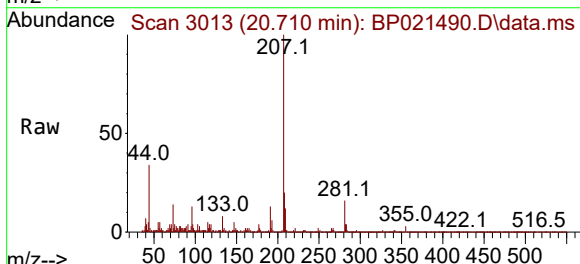
Instrument :
 BNA_P
 ClientSampleId :
 PB162612TB

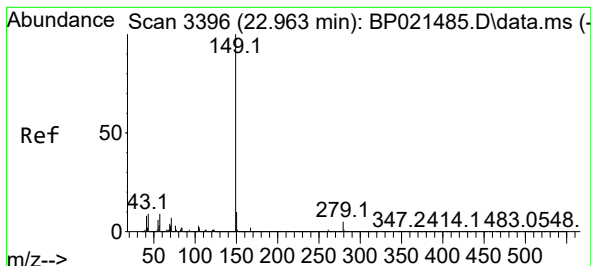
Tgt Ion:244 Resp: 8395804
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.609 ng
 RT: 20.710 min Scan# 3013
 Delta R.T. -0.000 min
 Lab File: BP021490.D
 Acq: 13 Aug 2024 19:46

Tgt Ion:149 Resp: 312
 Ion Ratio Lower Upper
 149 100
 91 205.6 73.3 109.9#
 206 0.0 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.838 ng

RT: 22.974 min Scan# 31

Delta R.T. 0.011 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Instrument :

BNA_P

ClientSampleId :

PB162612TB

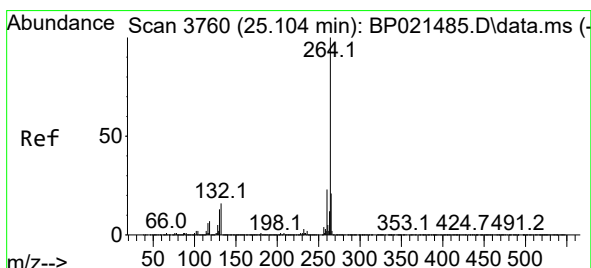
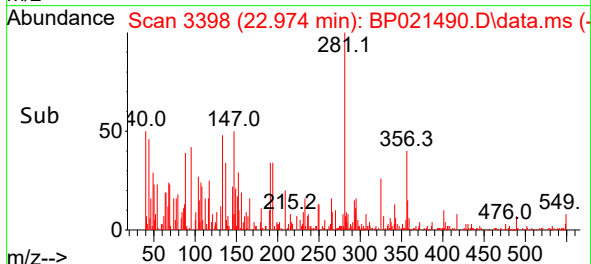
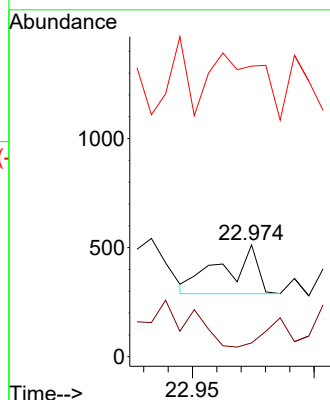
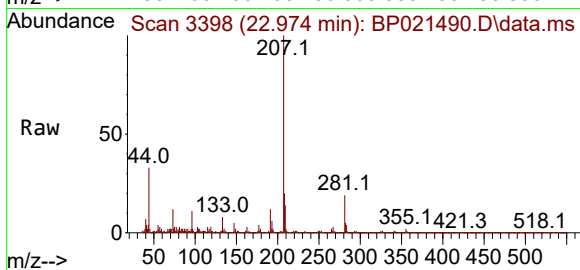
Tgt Ion:149 Resp: 223

Ion Ratio Lower Upper

149 100

167 39.5 1.3 1.9#

43 82.5 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.104 min Scan# 3760

Delta R.T. -0.000 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Tgt Ion:264 Resp: 2019682

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.4 17.1 25.7

