

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021577.D
 Acq On : 20 Aug 2024 18:07
 Operator : RC/JU
 Sample : P3643-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 924-K1-SD-0.5-1.0-081524

Quant Time: Aug 21 00:25:11 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)

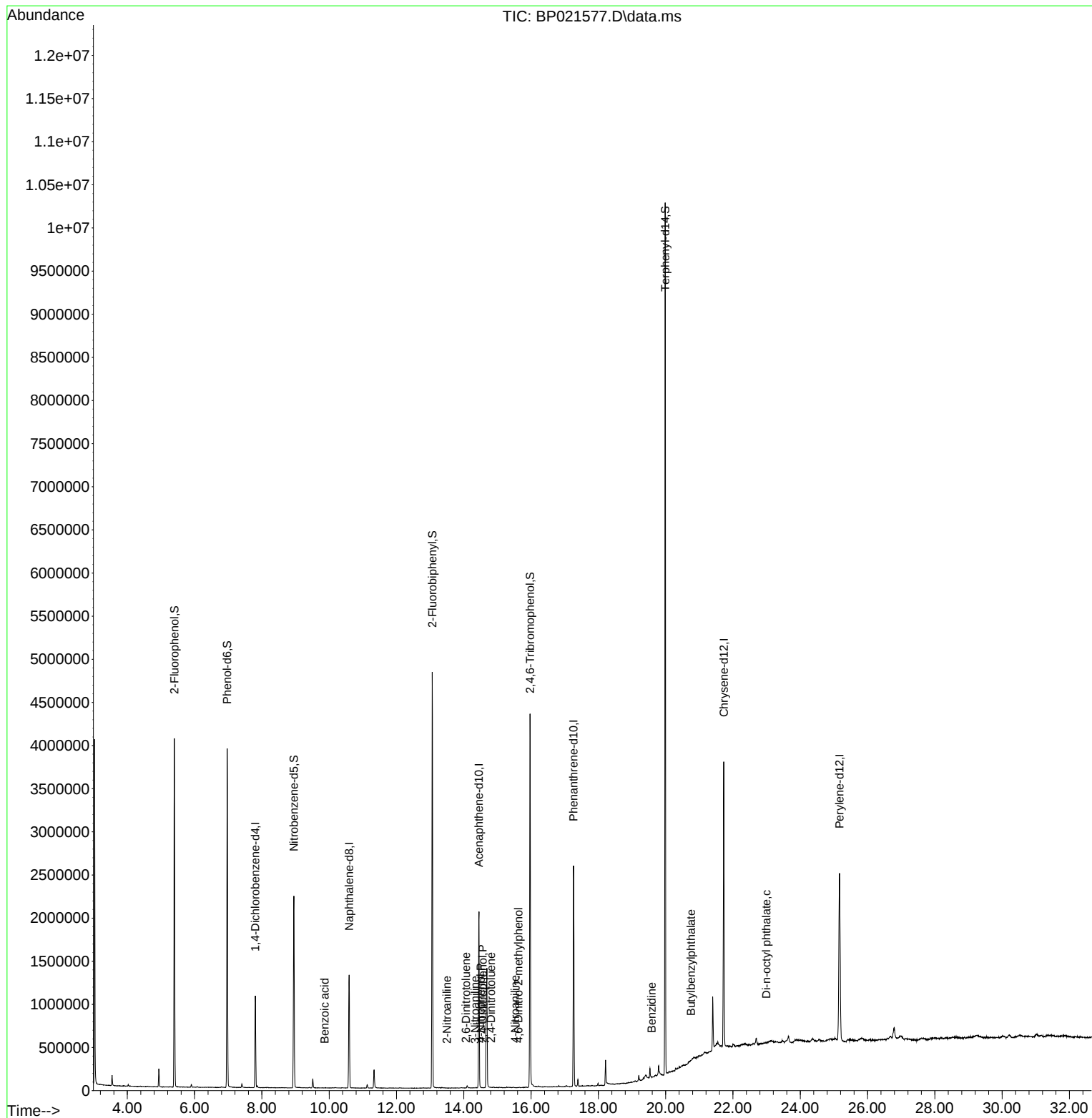
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	277615	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1104429	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	726994	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1627467	20.000	ng	0.01
76) Chrysene-d12	21.727	240	1759971	20.000	ng	0.03
86) Perylene-d12	25.168	264	2065441	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1784732	95.459	ng	0.00
7) Phenol-d6	6.969	99	2477907	90.853	ng	0.00
23) Nitrobenzene-d5	8.951	82	1440370	67.315	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	876180	108.289	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2509438	52.680	ng	0.00
79) Terphenyl-d14	19.986	244	4762566	52.571	ng	0.01
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.722	139	231	Below Cal	#	1
32) Benzoic acid	9.869	122	232	3.359 ng	#	7
48) 2-Nitroaniline	13.504	65	89	5.154 ng	#	51
51) 2,6-Dinitrotoluene	14.069	165	203	4.005 ng		98
53) 3-Nitroaniline	14.334	138	128	3.981 ng	#	7
54) 2,4-Dinitrophenol	14.563	184	47	2.457 ng	#	1
56) 4-Nitrophenol	14.504	139	208	5.103 ng		98
57) 2,4-Dinitrotoluene	14.810	165	198	5.037 ng	#	32
62) 4-Nitroaniline	15.522	138	17	2.936 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.628	198	153	4.647 ng	#	1
77) Benzidine	19.586	184	1224	4.595 ng	#	46
80) Butylbenzylphthalate	20.751	149	414	3.611 ng	#	89
85) Di-n-octyl phthalate	22.992	149	162	4.837 ng	#	1

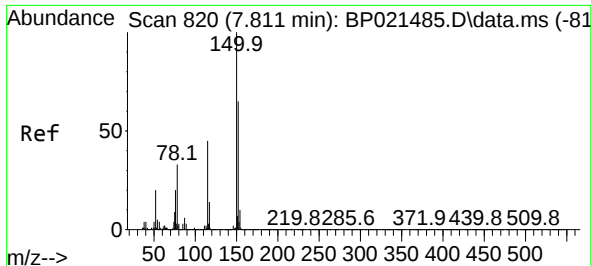
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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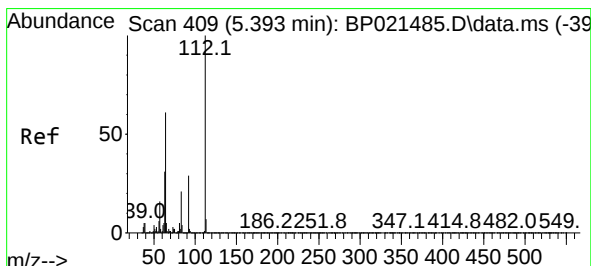
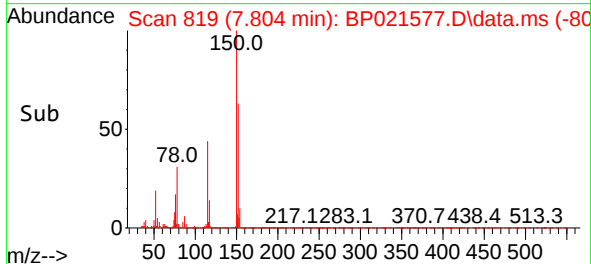
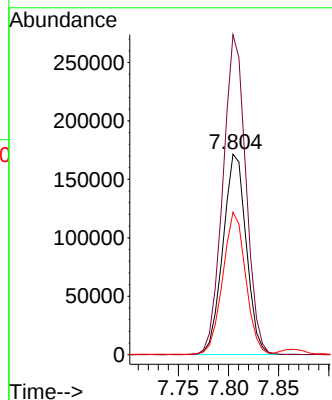
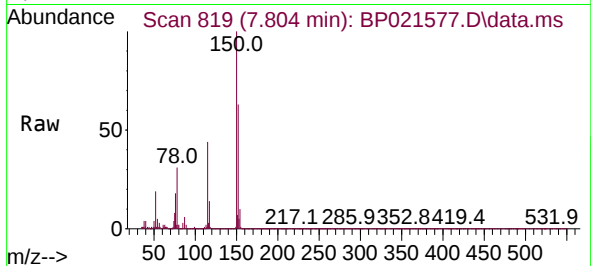




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

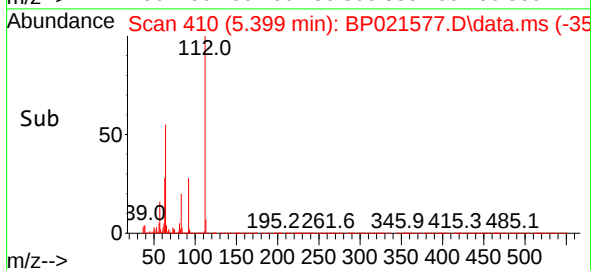
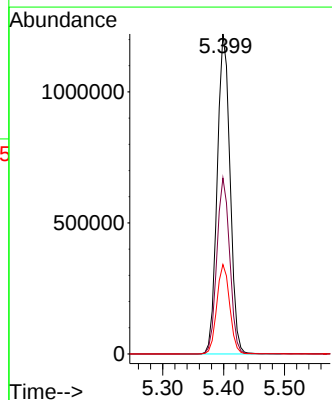
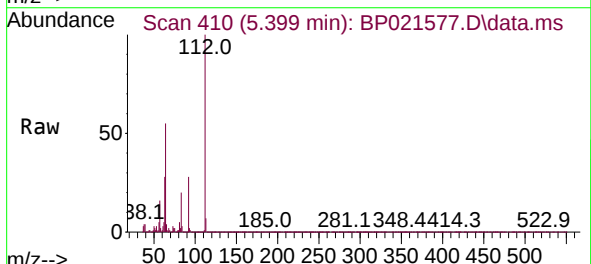
Instrument :
BNA_P
ClientSampleId :
924-K1-SD-0.5-1.0-081524

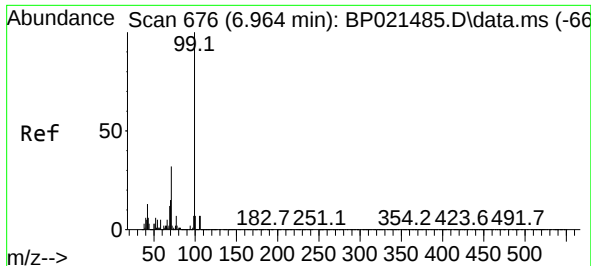
Tgt Ion:152 Resp: 277615
Ion Ratio Lower Upper
152 100
150 159.6 122.4 183.6
115 71.0 54.7 82.1



#5
2-Fluorophenol
Concen: 95.459 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

Tgt Ion:112 Resp: 1784732
Ion Ratio Lower Upper
112 100
64 55.0 49.0 73.6
63 28.0 24.6 36.8



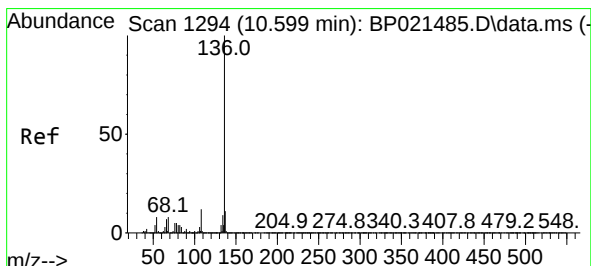
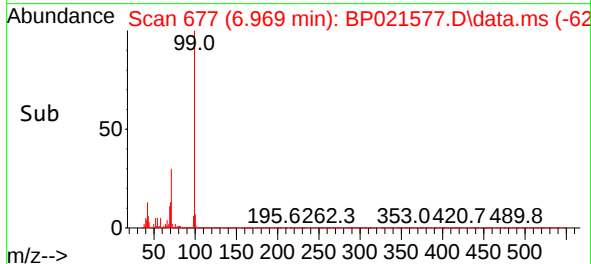
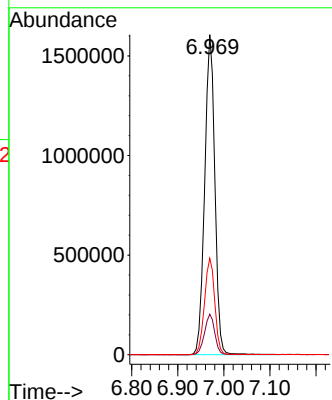
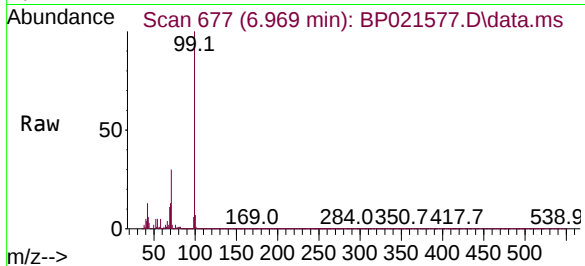


#7
Phenol-d6
Concen: 90.853 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

Instrument :
BNA_P
ClientSampleId :
924-K1-SD-0.5-1.0-081524

Tgt Ion: 99 Resp: 2477907

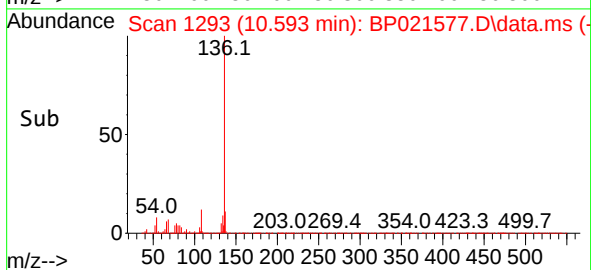
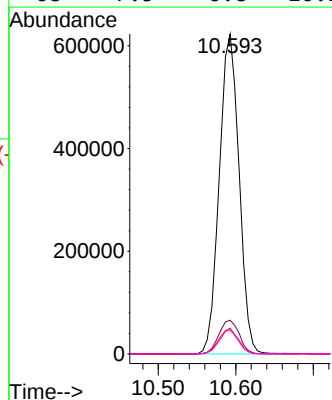
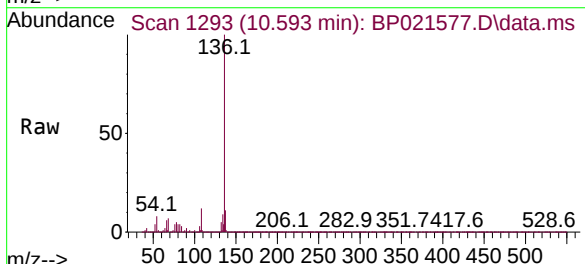
Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.2	15.4
71	30.1	25.8	38.8

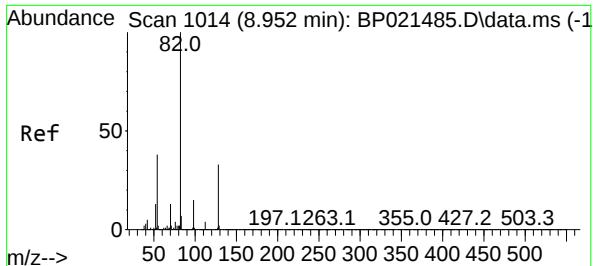


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

Tgt Ion: 136 Resp: 1104429

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.1	6.3	9.5
68	7.5	6.8	10.2





#23

Nitrobenzene-d5

Concen: 67.315 ng

RT: 8.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

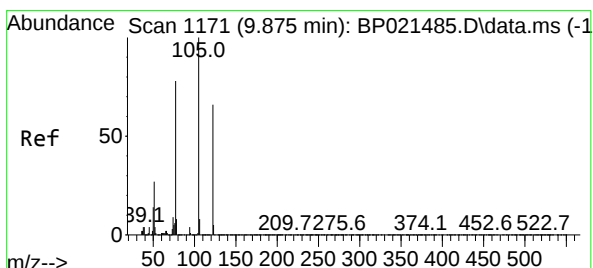
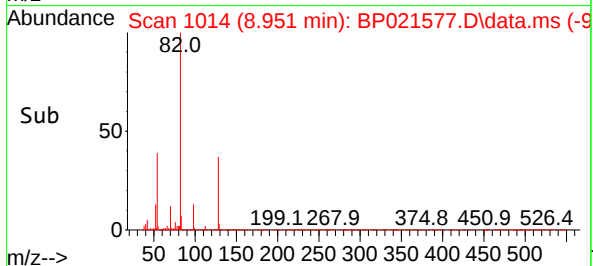
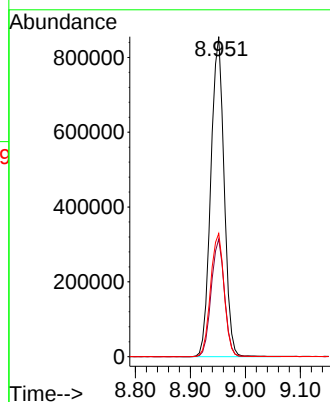
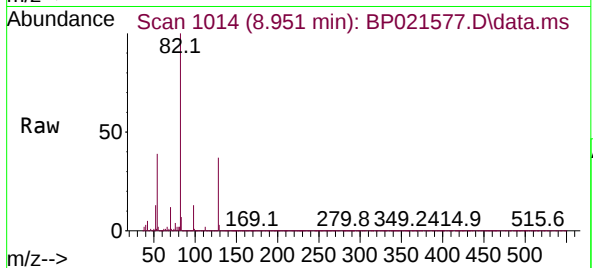
Tgt Ion: 82 Resp: 1440370

Ion Ratio Lower Upper

82 100

128 36.7 26.5 39.7

54 38.5 30.3 45.5



#32

Benzoic acid

Concen: 3.359 ng

RT: 9.869 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

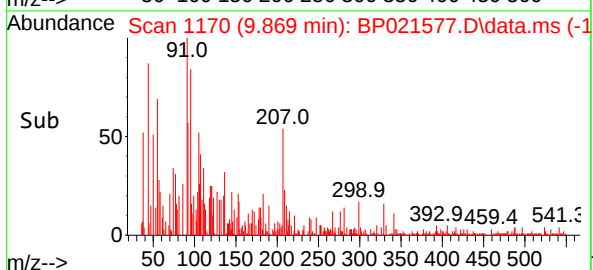
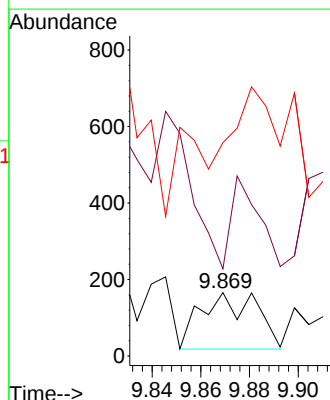
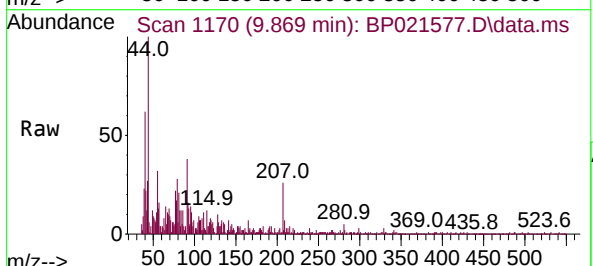
Tgt Ion:122 Resp: 232

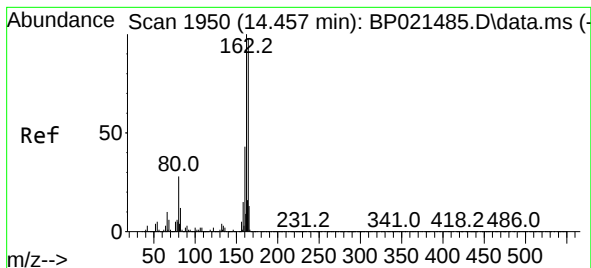
Ion Ratio Lower Upper

122 100

105 137.3 124.6 164.6

77 336.1 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

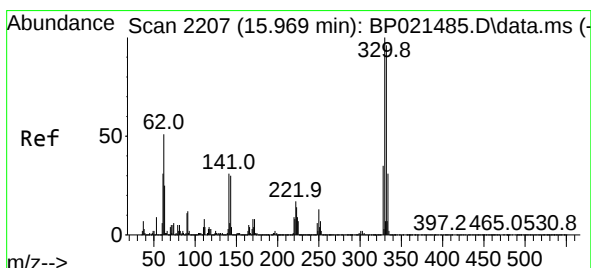
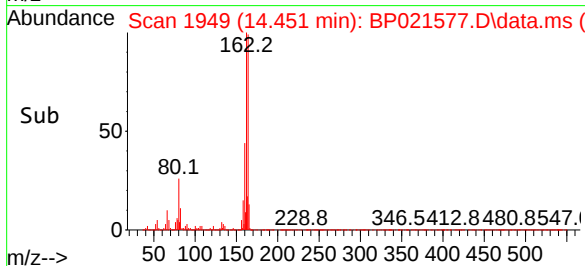
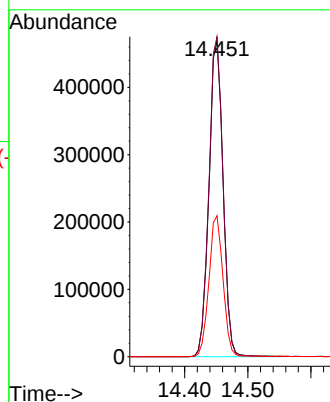
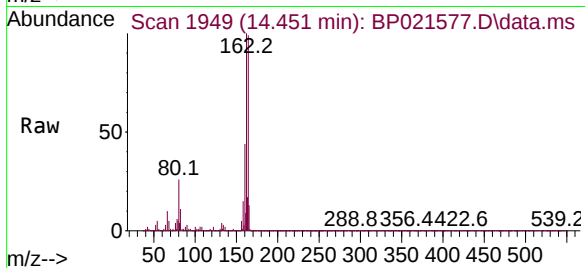
Tgt Ion:164 Resp: 726994

Ion Ratio Lower Upper

164 100

162 101.4 81.5 122.3

160 44.7 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 108.289 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

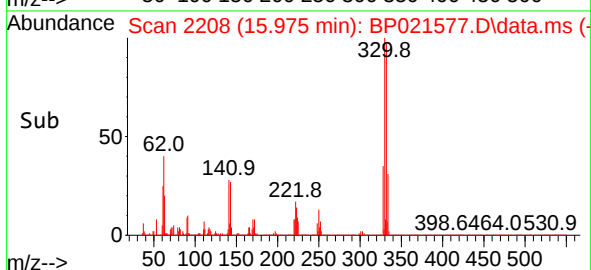
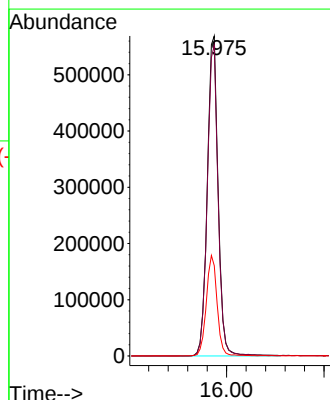
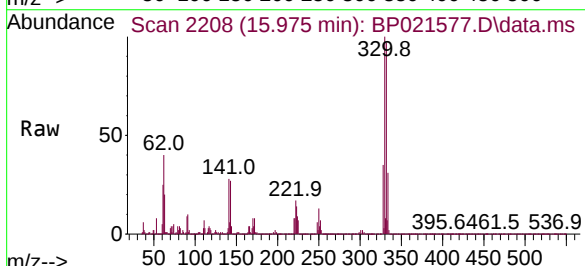
Tgt Ion:330 Resp: 876180

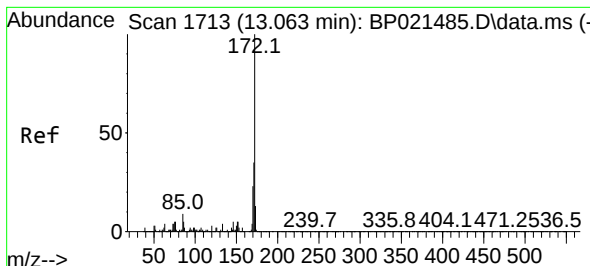
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 31.3 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 52.680 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

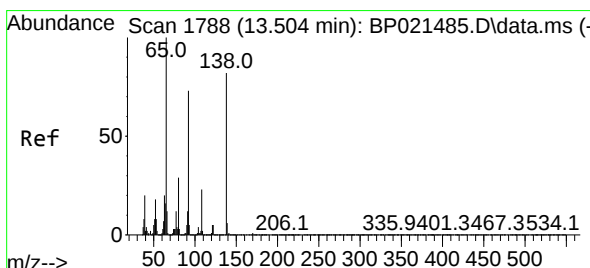
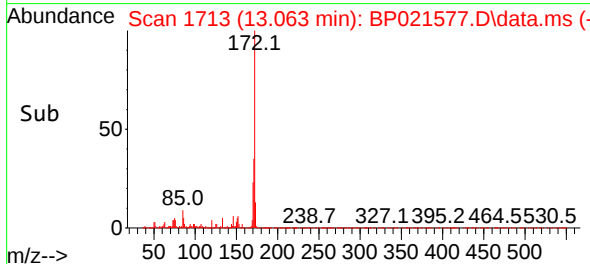
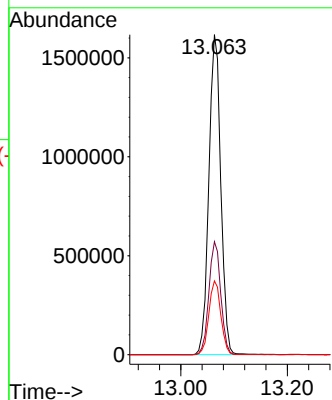
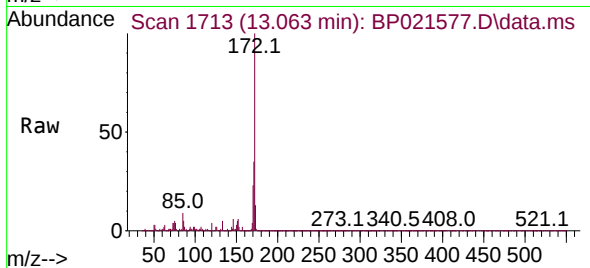
Tgt Ion:172 Resp: 2509438

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.0 18.4 27.6



#48

2-Nitroaniline

Concen: 5.154 ng

RT: 13.504 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

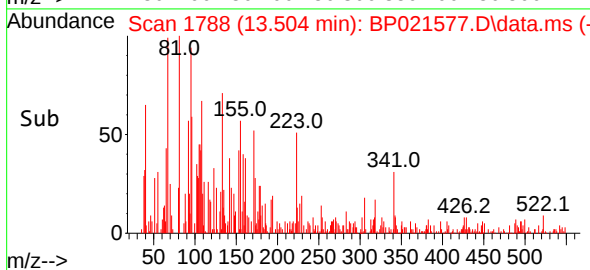
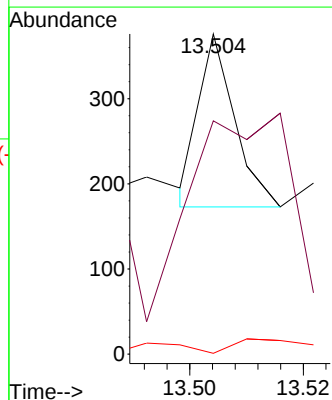
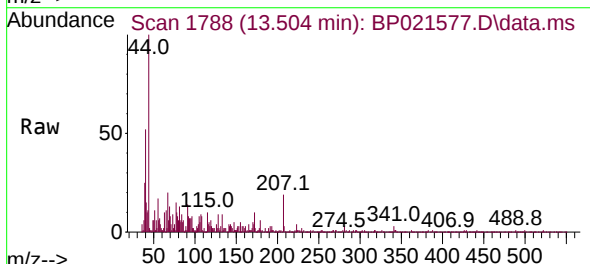
Tgt Ion: 65 Resp: 89

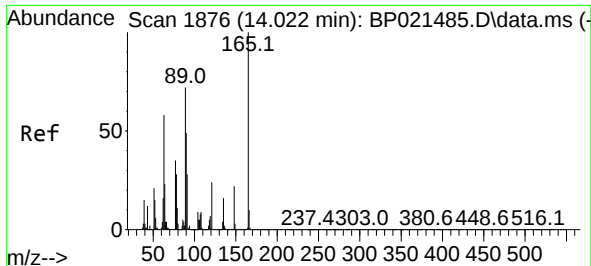
Ion Ratio Lower Upper

65 100

92 72.9 58.1 87.1

138 0.3 65.5 98.3#

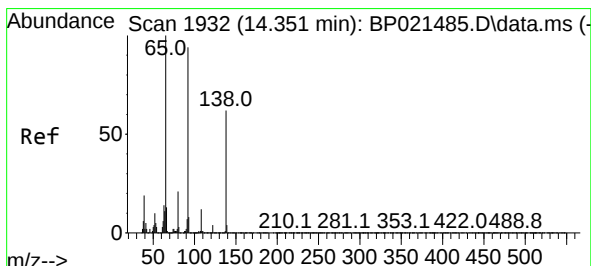
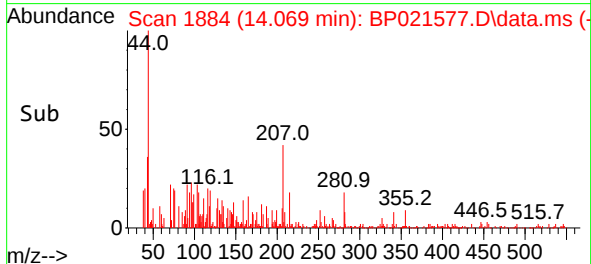
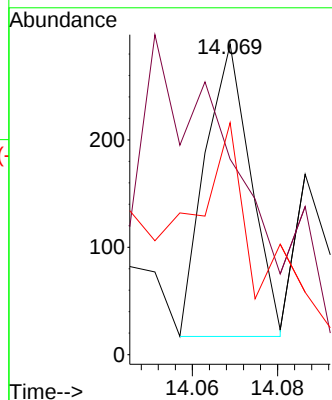
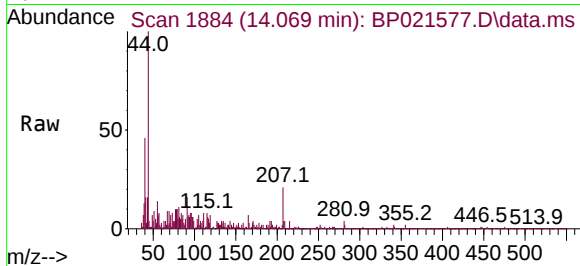




#51
2,6-Dinitrotoluene
Concen: 4.005 ng
RT: 14.069 min Scan# 11
Delta R.T. 0.047 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

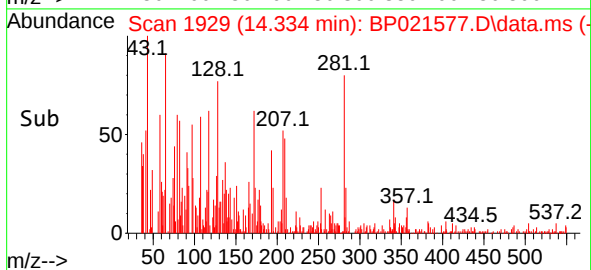
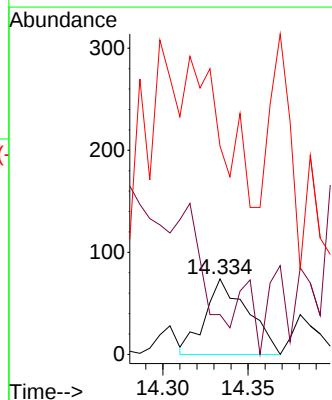
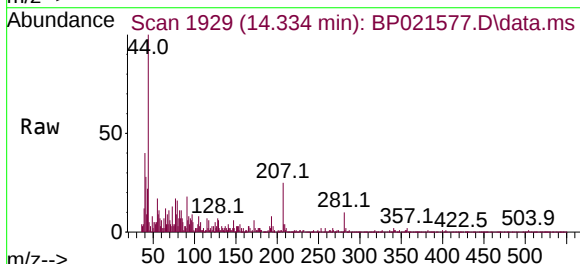
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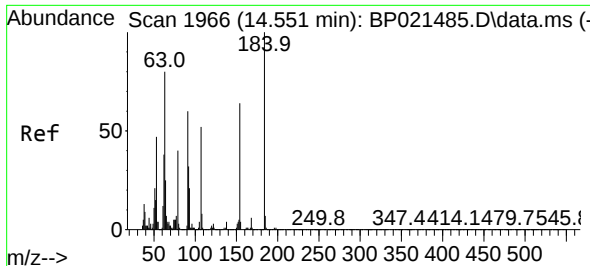
Tgt Ion:165 Resp: 203
Ion Ratio Lower Upper
165 100
63 63.0 51.5 77.3
89 74.7 57.8 86.8



#53
3-Nitroaniline
Concen: 3.981 ng
RT: 14.334 min Scan# 1929
Delta R.T. -0.017 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

Tgt Ion:138 Resp: 128
Ion Ratio Lower Upper
138 100
108 52.7 16.2 24.4#
92 275.7 122.2 183.4#

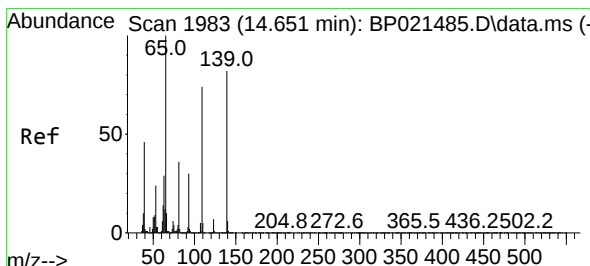
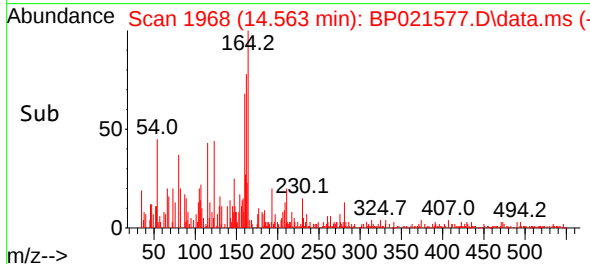
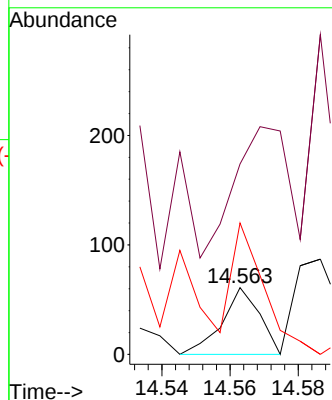
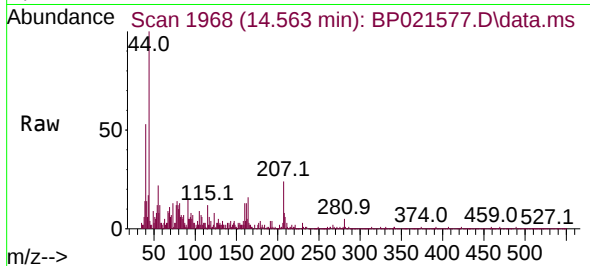




#54
2,4-Dinitrophenol
Concen: 2.457 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

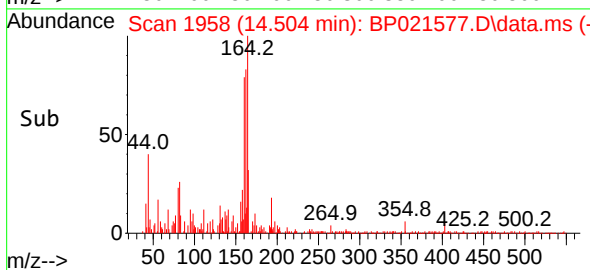
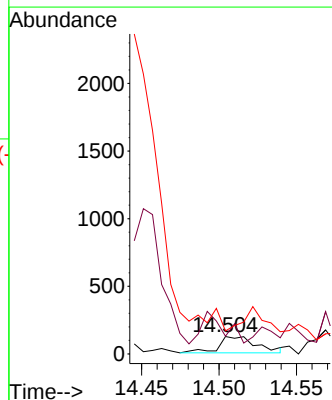
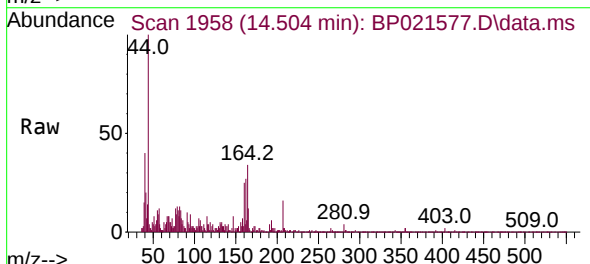
Instrument :
BNA_P
ClientSampleId :
924-K1-SD-0.5-1.0-081524

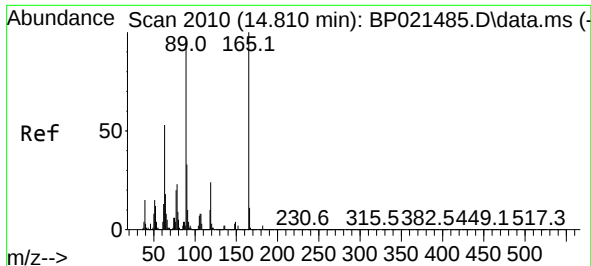
Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 285.2 64.9 97.3#
154 196.7 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.103 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.147 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

Tgt Ion:139 Resp: 208
Ion Ratio Lower Upper
139 100
109 94.2 70.2 110.2
65 122.3 101.8 141.8

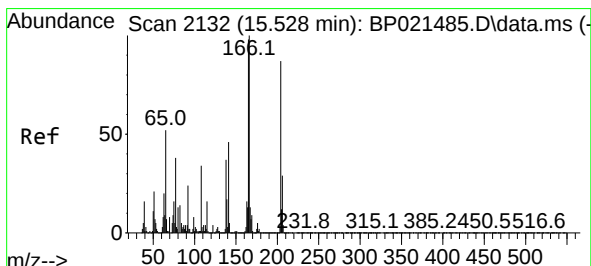
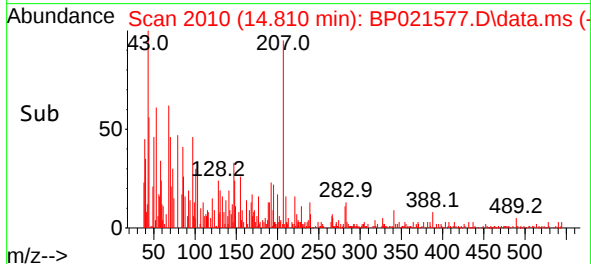
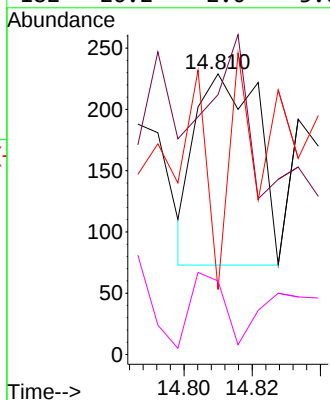
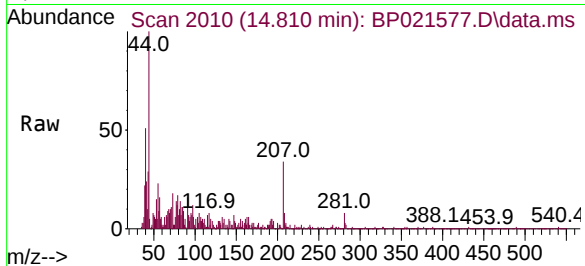




#57
2,4-Dinitrotoluene
Concen: 5.037 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

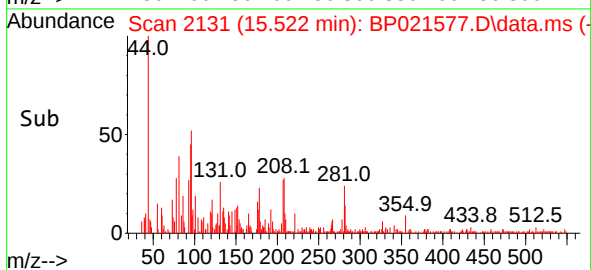
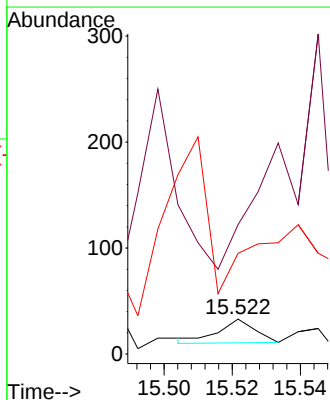
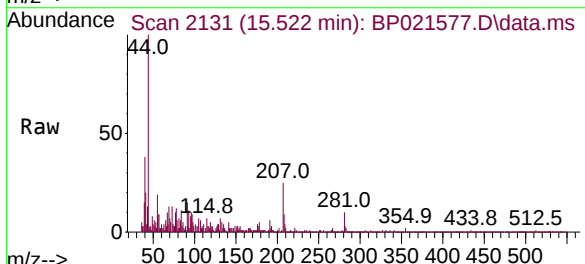
Instrument :
BNA_P
ClientSampleId :
924-K1-SD-0.5-1.0-081524

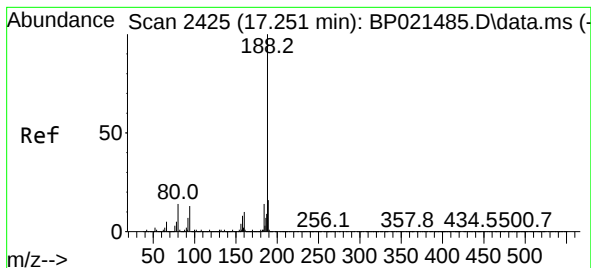
Tgt Ion:165 Resp: 198
Ion Ratio Lower Upper
165 100
63 92.6 42.5 63.7#
89 23.1 77.1 115.7#
182 26.2 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.936 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
92 369.7 46.4 86.4#
108 287.9 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: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

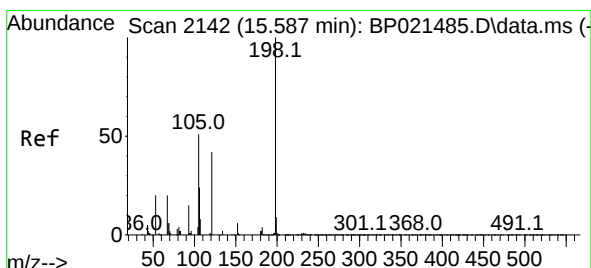
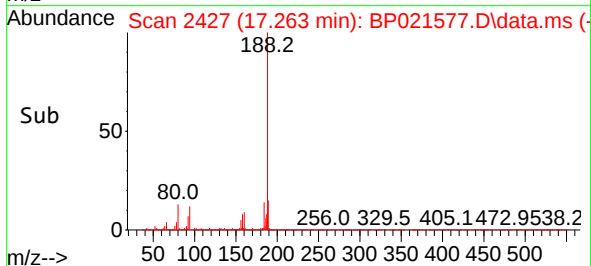
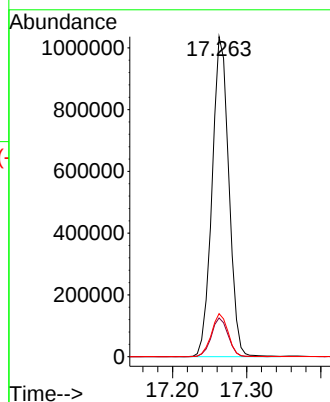
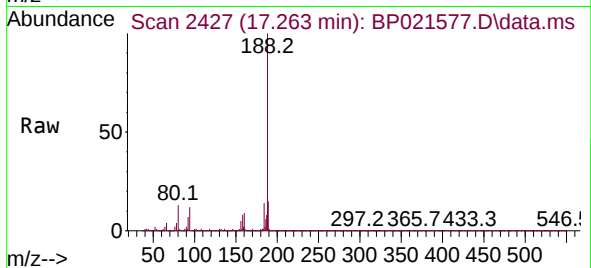
Tgt Ion:188 Resp: 1627467

Ion Ratio Lower Upper

188 100

94 12.1 10.2 15.4

80 13.5 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.647 ng

RT: 15.628 min Scan# 2149

Delta R.T. 0.041 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

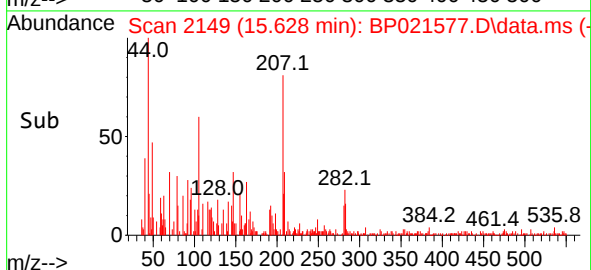
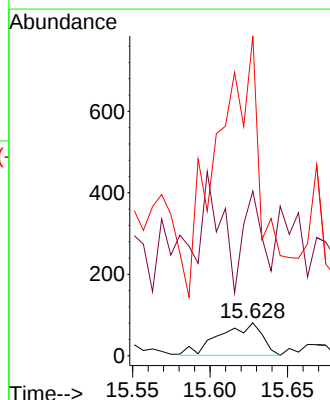
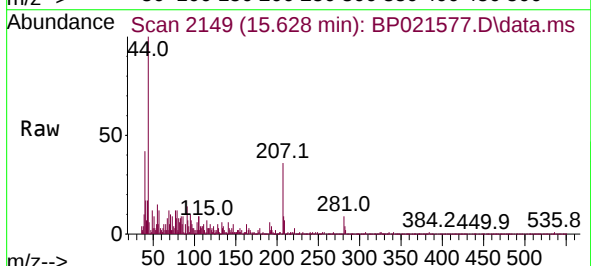
Tgt Ion:198 Resp: 153

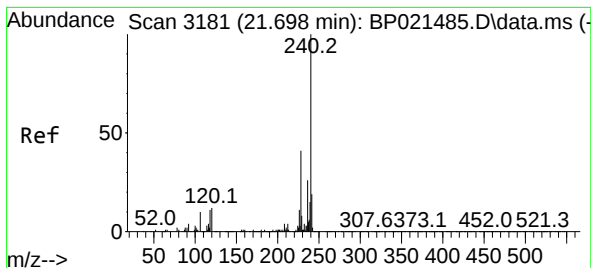
Ion Ratio Lower Upper

198 100

51 498.8 21.5 61.5#

105 969.1 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3181

Delta R.T. 0.029 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

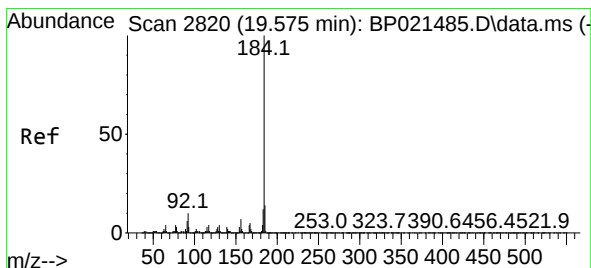
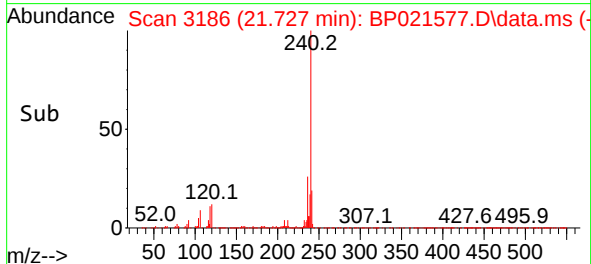
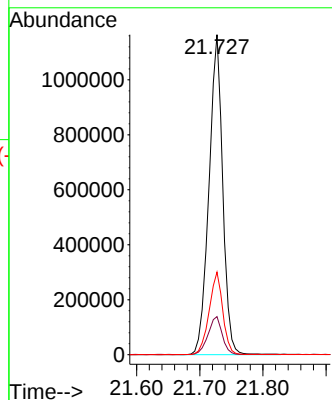
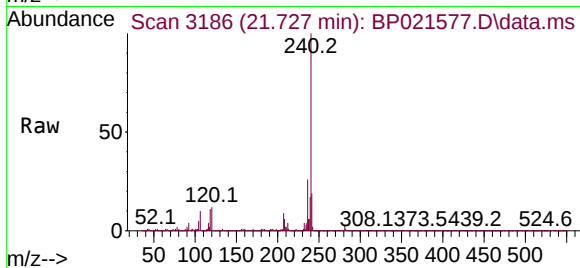
Tgt Ion:240 Resp: 1759971

Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

236 25.8 20.6 30.8



#77

Benzidine

Concen: 4.595 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.011 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

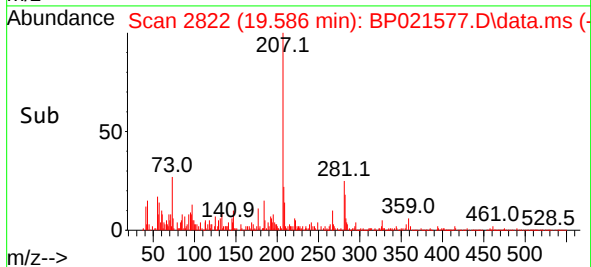
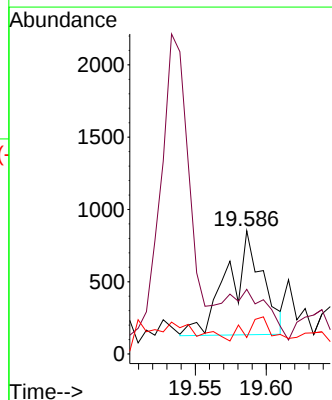
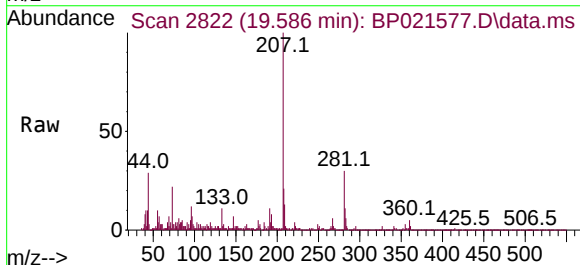
Tgt Ion:184 Resp: 1224

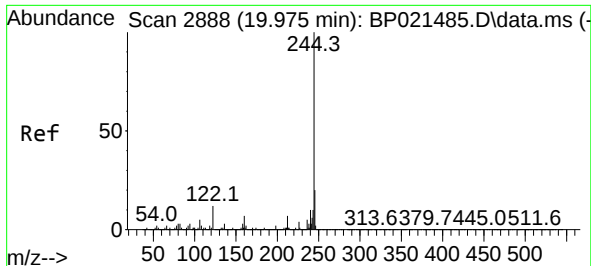
Ion Ratio Lower Upper

184 100

185 52.5 11.4 17.0#

183 13.4 9.3 13.9

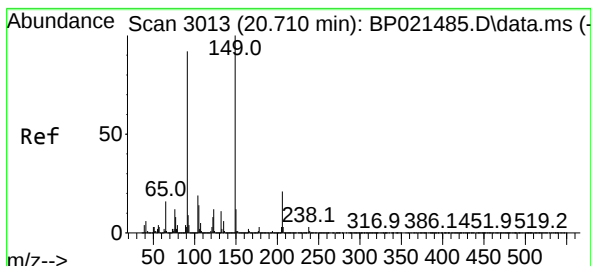
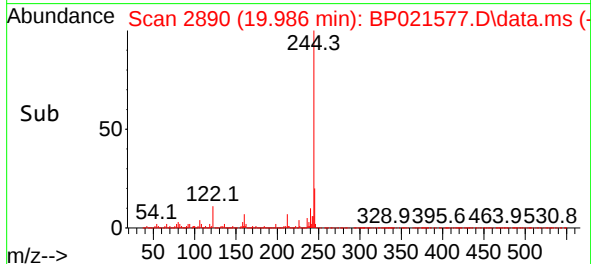
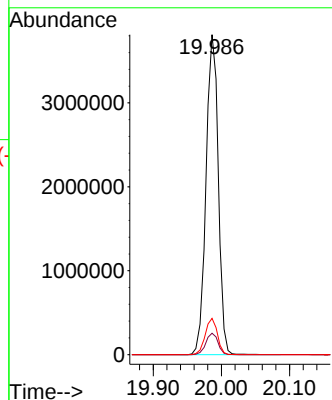
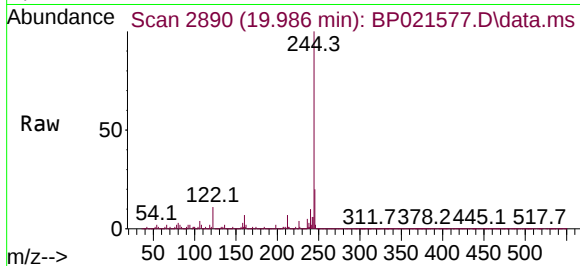




#79
 Terphenyl-d14
 Concen: 52.571 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021577.D
 Acq: 20 Aug 2024 18:07

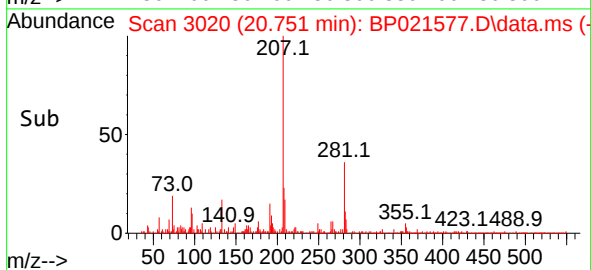
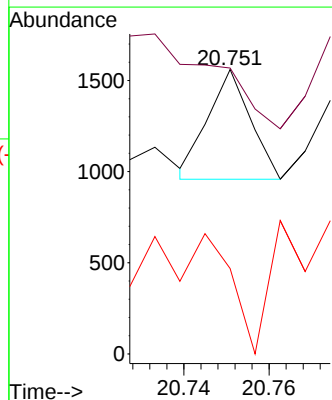
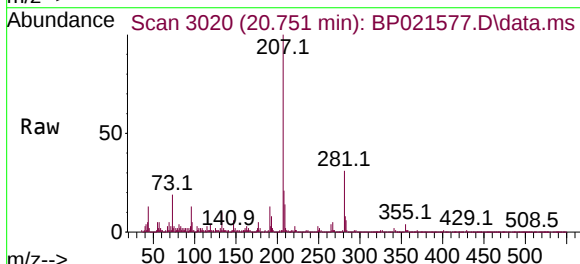
Instrument :
 BNA_P
 ClientSampleId :
 924-K1-SD-0.5-1.0-081524

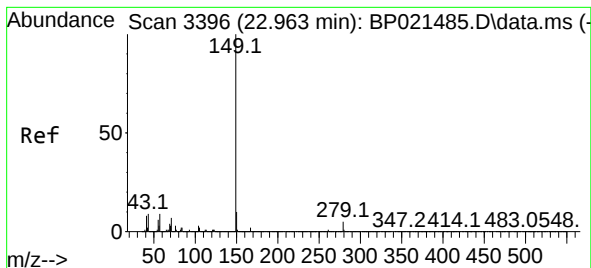
Tgt Ion:244 Resp: 4762566
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.611 ng
 RT: 20.751 min Scan# 3020
 Delta R.T. 0.041 min
 Lab File: BP021577.D
 Acq: 20 Aug 2024 18:07

Tgt Ion:149 Resp: 414
 Ion Ratio Lower Upper
 149 100
 91 100.5 73.3 109.9
 206 30.0 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.837 ng

RT: 22.992 min Scan# 34

Delta R.T. 0.029 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

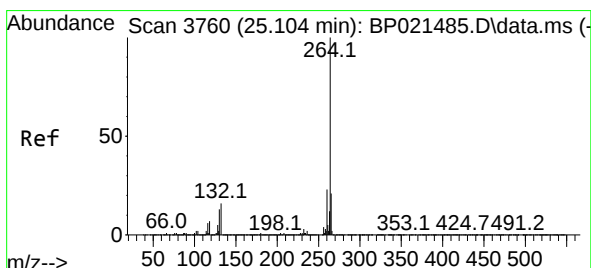
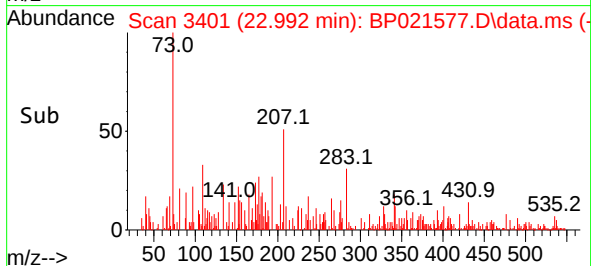
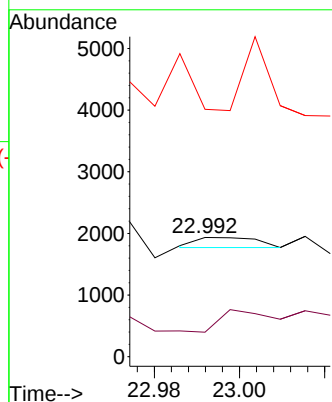
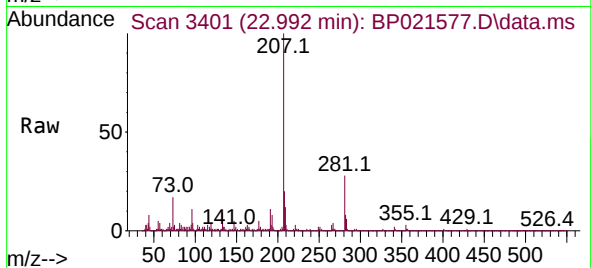
Tgt Ion:149 Resp: 162

Ion Ratio Lower Upper

149 100

167 398.1 1.3 1.9#

43 319.1 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.064 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Tgt Ion:264 Resp: 2065441

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.1 17.1 25.7

