

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021524.D
 Acq On : 15 Aug 2024 22:14
 Operator : RC/JU
 Sample : P3573-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-856-J-S0-4-4.5-080924

Quant Time: Aug 16 01:31:10 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)

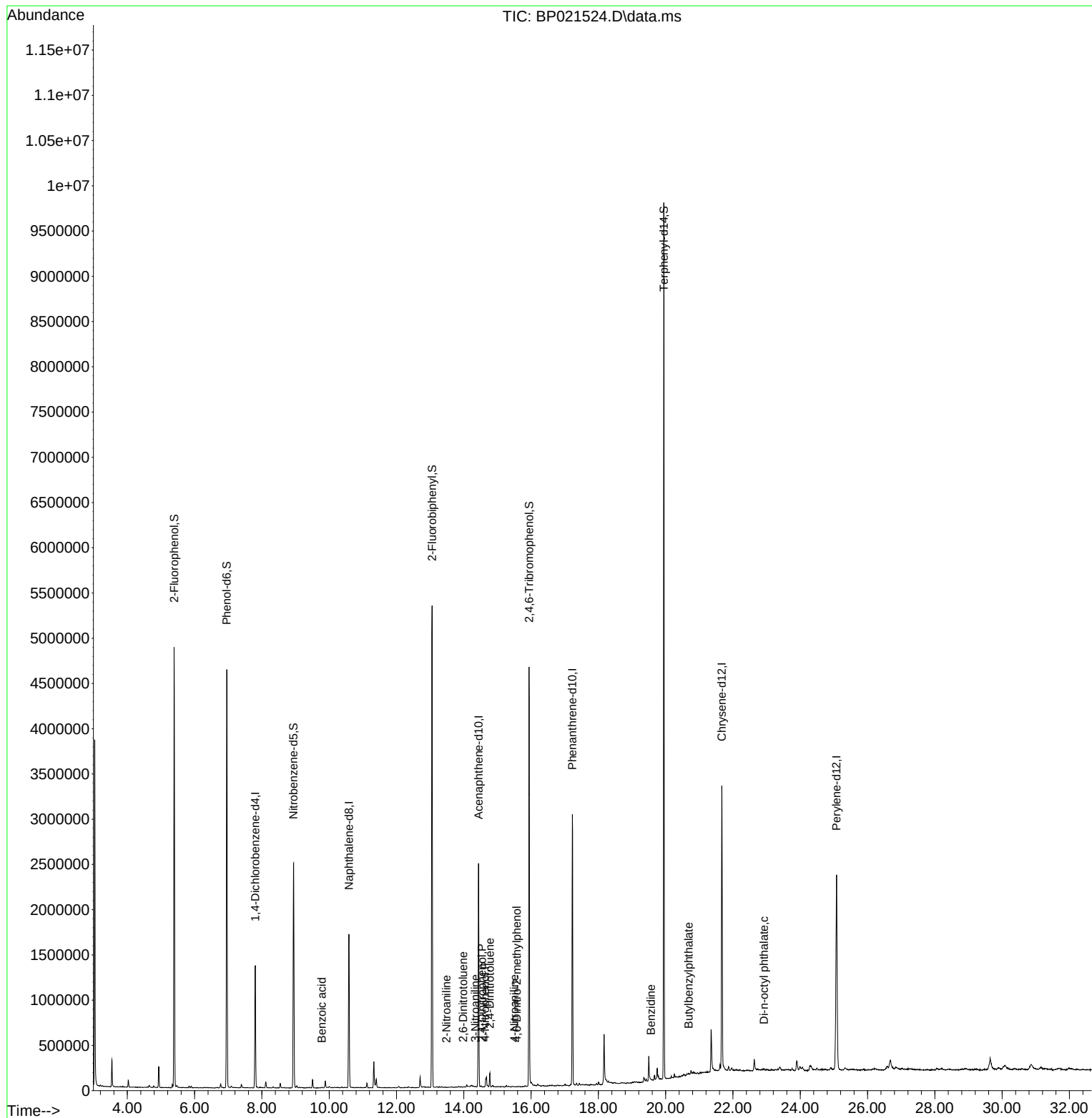
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	358136	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1355589	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	799134	20.000	ng	-0.02
64) Phenanthrene-d10	17.227	188	1708478	20.000	ng	-0.02
76) Chrysene-d12	21.668	240	1752728	20.000	ng	-0.03
86) Perylene-d12	25.080	264	2084362	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2055235	85.212	ng	0.00
7) Phenol-d6	6.957	99	2806081	79.754	ng	0.00
23) Nitrobenzene-d5	8.940	82	1634475	62.234	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	826474	92.924	ng	-0.03
45) 2-Fluorobiphenyl	13.057	172	2766918	52.842	ng	0.00
79) Terphenyl-d14	19.945	244	4445756	49.277	ng	-0.03
Target Compounds						Qvalue
26) 2-Nitrophenol	9.692	139	93	Below Cal	#	1
32) Benzoic acid	9.781	122	2703	3.698	ng	85
48) 2-Nitroaniline	13.480	65	699	5.198	ng	# 32
51) 2,6-Dinitrotoluene	13.980	165	261	4.008	ng	87
53) 3-Nitroaniline	14.345	138	165	3.983	ng	# 79
54) 2,4-Dinitrophenol	14.539	184	6	2.433	ng	# 1
56) 4-Nitrophenol	14.633	139	134	5.093	ng	# 1
57) 2,4-Dinitrotoluene	14.775	165	459	5.052	ng	# 1
62) 4-Nitroaniline	15.504	138	275	2.958	ng	# 56
65) 4,6-Dinitro-2-methylph...	15.575	198	28	4.613	ng	# 1
77) Benzidine	19.563	184	97	4.574	ng	# 1
80) Butylbenzylphthalate	20.680	149	3373	3.674	ng	# 62
85) Di-n-octyl phthalate	22.921	149	11994	4.931	ng	# 99

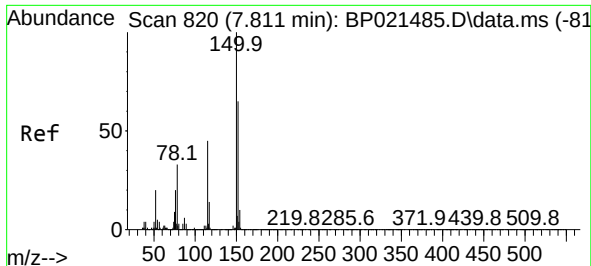
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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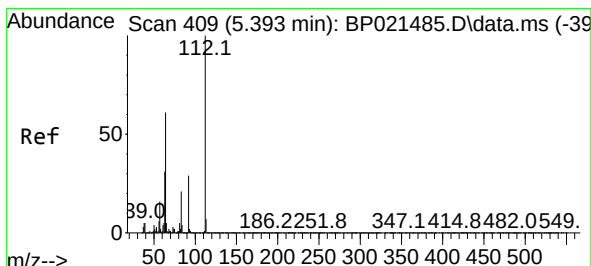
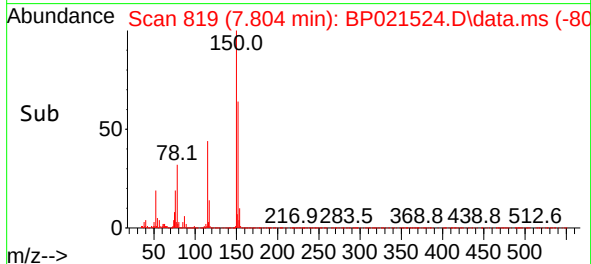
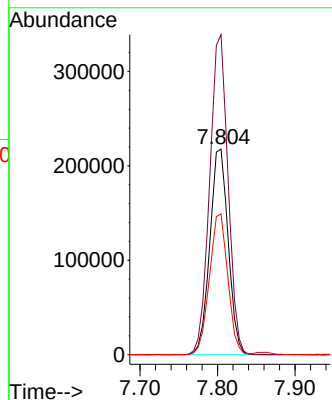
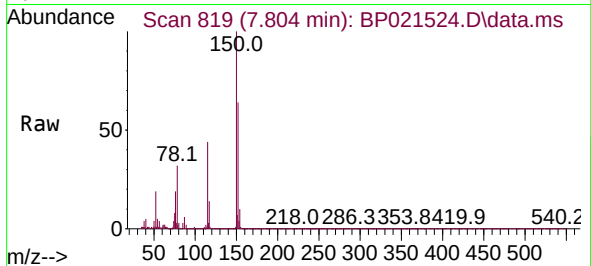




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.007 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

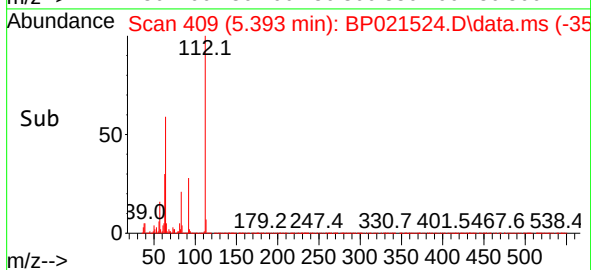
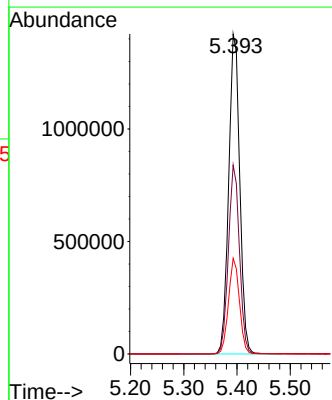
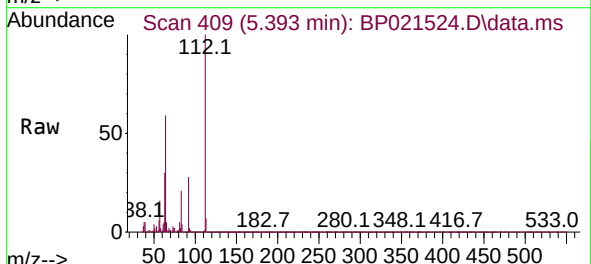
Instrument :
BNA_P
ClientSampleId :
S-856-J-S0-4-4.5-080924

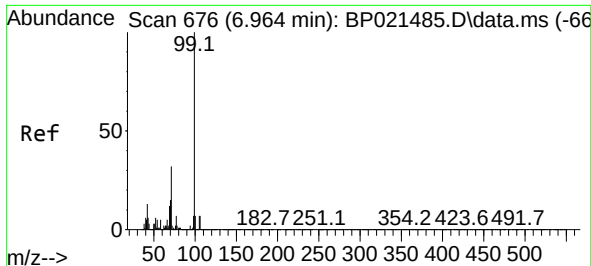
Tgt Ion:152 Resp: 358136
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 68.5 54.7 82.1



#5
2-Fluorophenol
Concen: 85.212 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Tgt Ion:112 Resp: 2055235
Ion Ratio Lower Upper
112 100
64 59.0 49.0 73.6
63 29.8 24.6 36.8



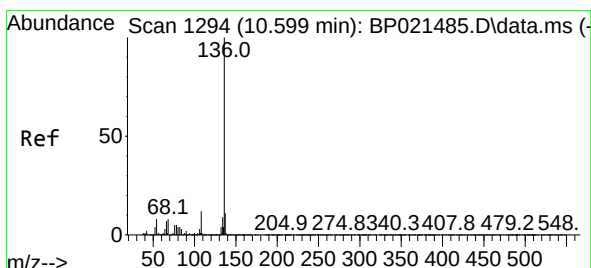
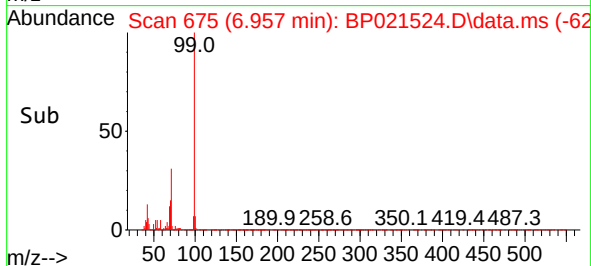
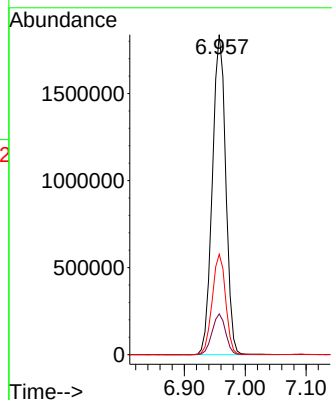
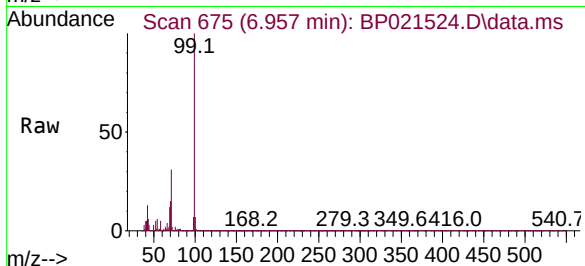


#7
Phenol-d6
Concen: 79.754 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Instrument :
BNA_P
ClientSampleId :
S-856-J-S0-4-4.5-080924

Tgt Ion: 99 Resp: 2806081

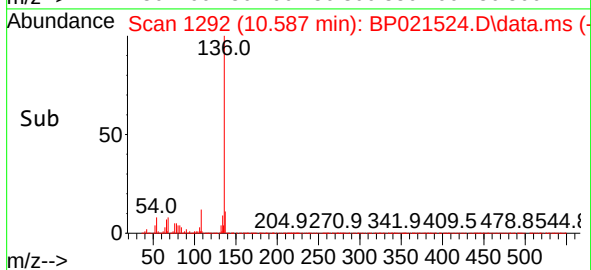
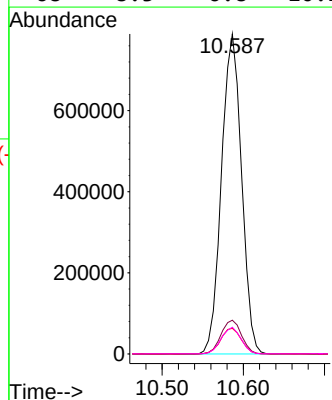
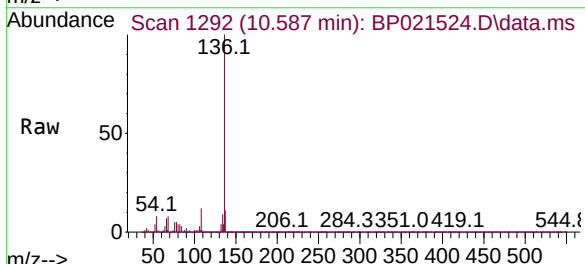
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.2	15.4
71	31.4	25.8	38.8

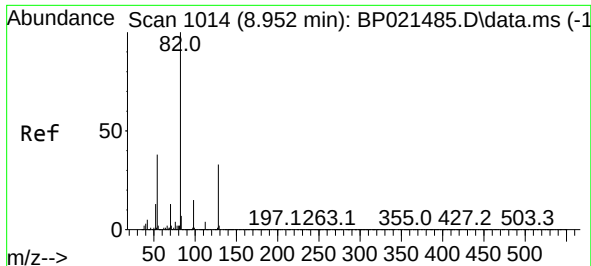


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Tgt Ion: 136 Resp: 1355589

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.0	6.3	9.5
68	8.3	6.8	10.2





#23

Nitrobenzene-d5

Concen: 62.234 ng

RT: 8.940 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-4-4.5-080924

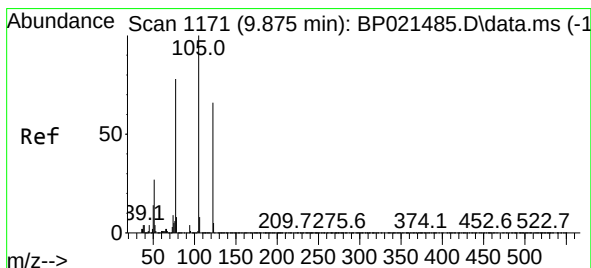
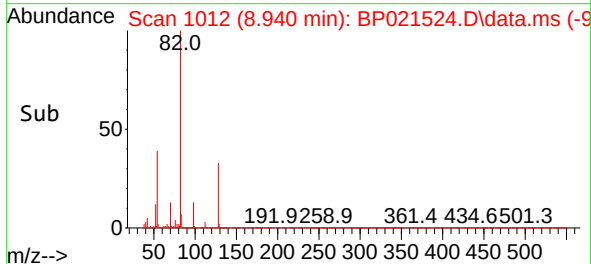
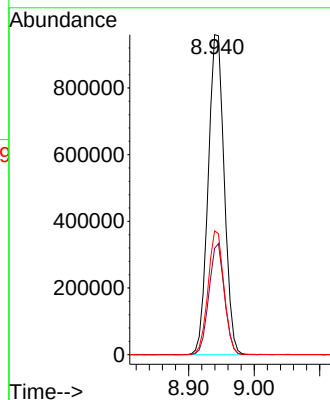
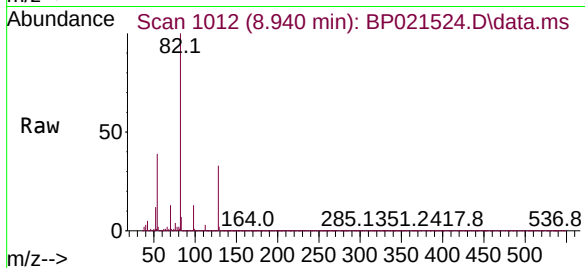
Tgt Ion: 82 Resp: 1634475

Ion Ratio Lower Upper

82 100

128 33.2 26.5 39.7

54 38.7 30.3 45.5



#32

Benzoic acid

Concen: 3.698 ng

RT: 9.781 min Scan# 1155

Delta R.T. -0.094 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

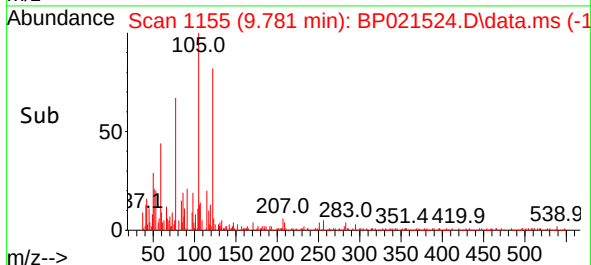
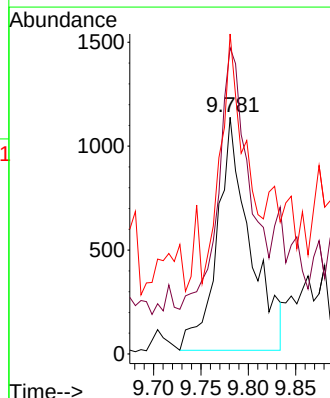
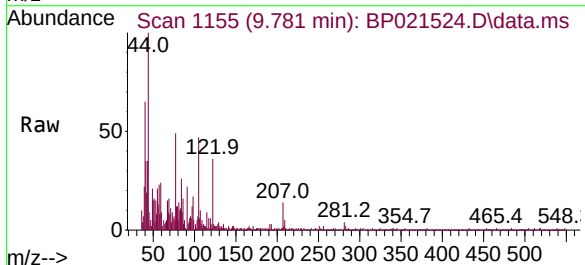
Tgt Ion: 122 Resp: 2703

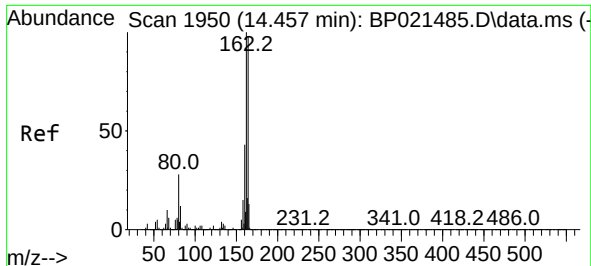
Ion Ratio Lower Upper

122 100

105 129.4 124.6 164.6

77 135.2 96.2 136.2

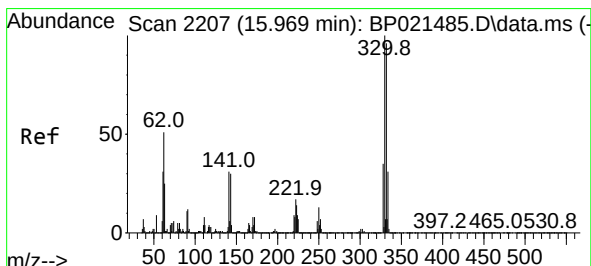
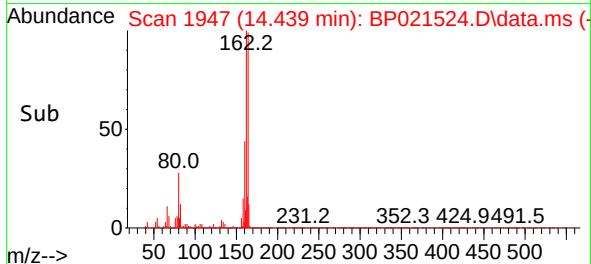
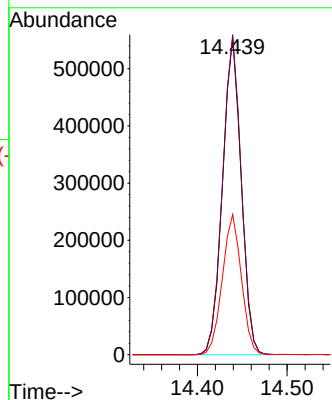
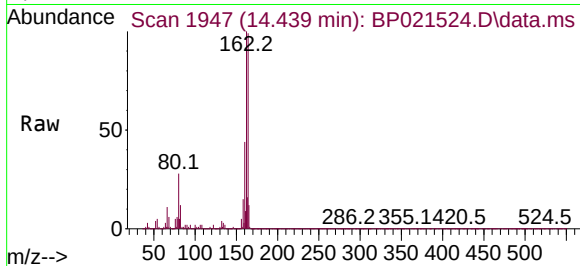




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

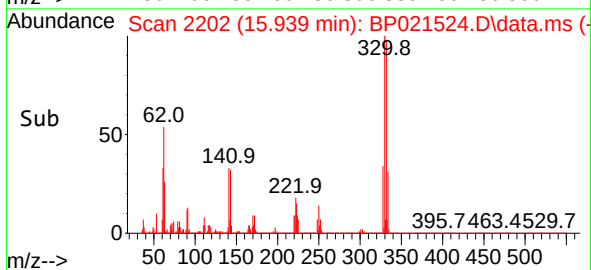
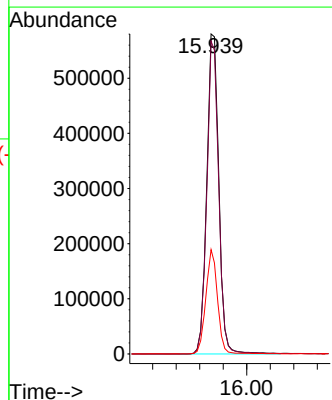
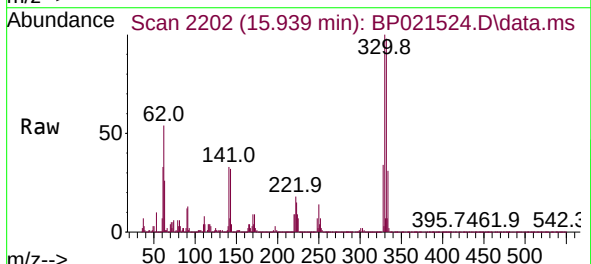
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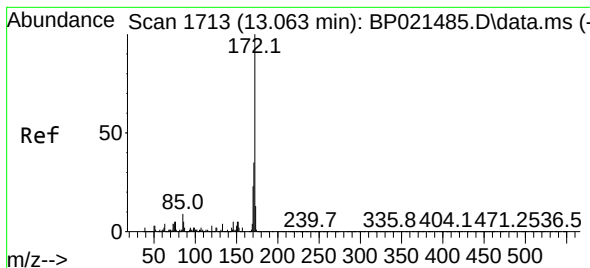
Tgt Ion:164 Resp: 799134
Ion Ratio Lower Upper
164 100
162 100.8 81.5 122.3
160 44.2 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 92.924 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.030 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Tgt Ion:330 Resp: 826474
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 31.6 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 52.842 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-4-4.5-080924

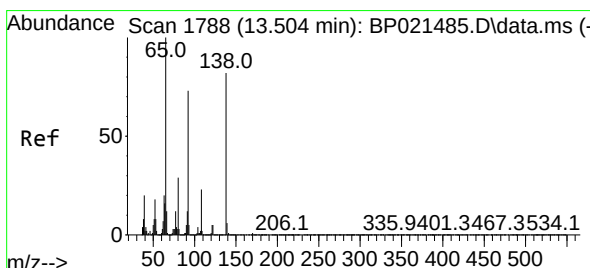
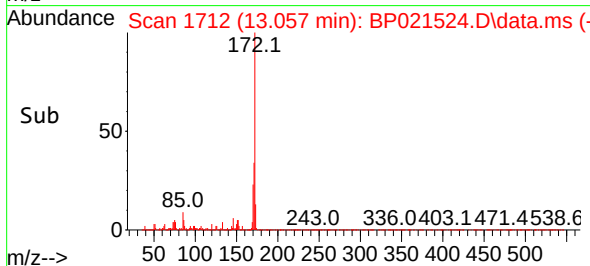
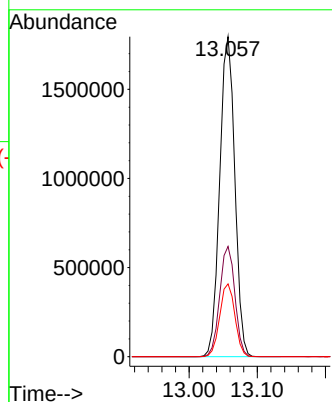
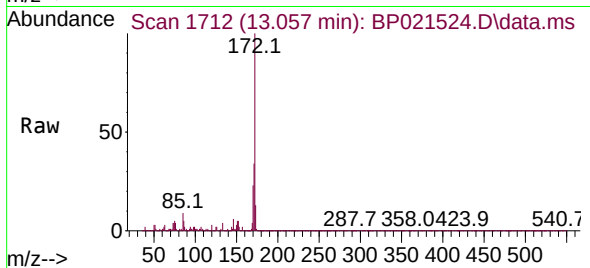
Tgt Ion:172 Resp: 2766918

Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 22.8 18.4 27.6



#48

2-Nitroaniline

Concen: 5.198 ng

RT: 13.480 min Scan# 1784

Delta R.T. -0.024 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

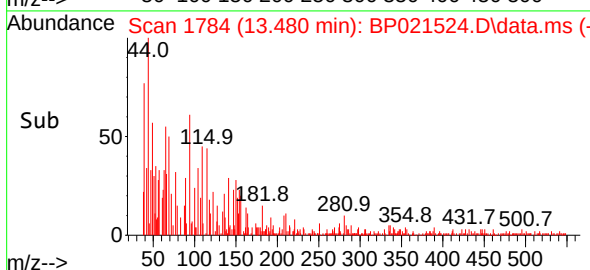
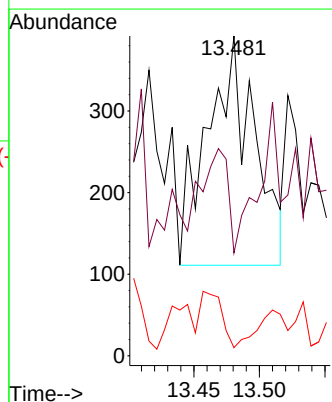
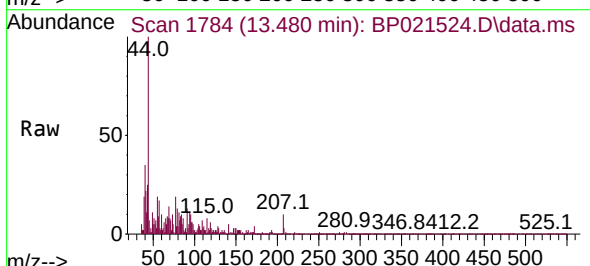
Tgt Ion: 65 Resp: 699

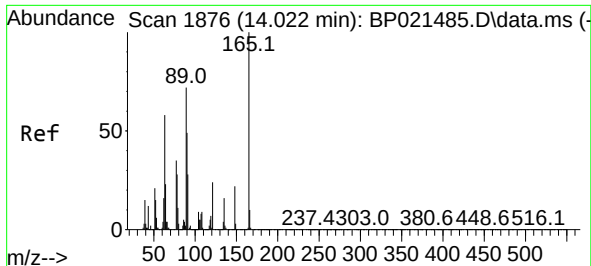
Ion Ratio Lower Upper

65 100

92 32.1 58.1 87.1#

138 5.9 65.5 98.3#

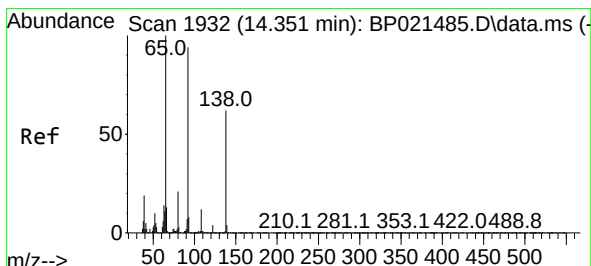
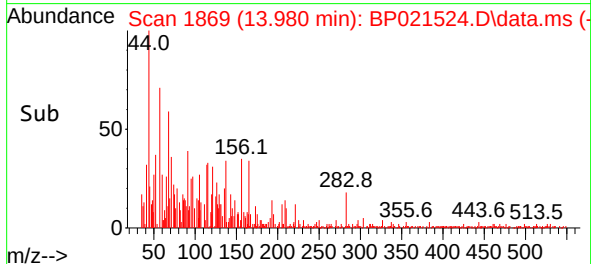
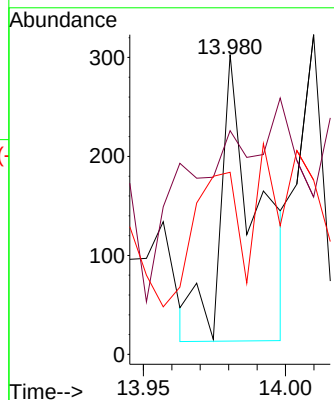
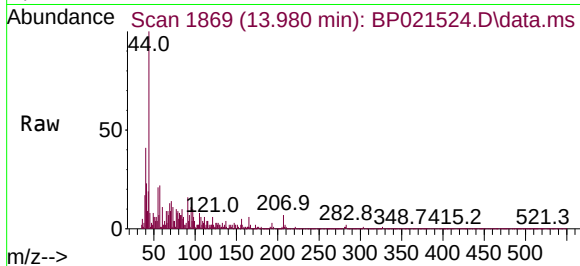




#51
2,6-Dinitrotoluene
Concen: 4.008 ng
RT: 13.980 min Scan# 1869
Delta R.T. -0.042 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

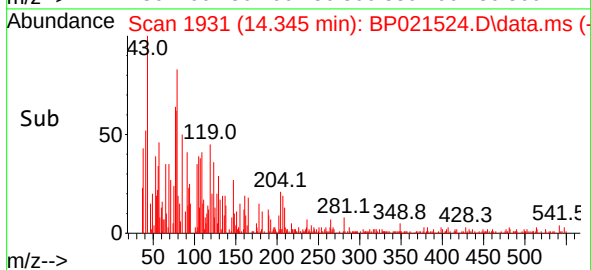
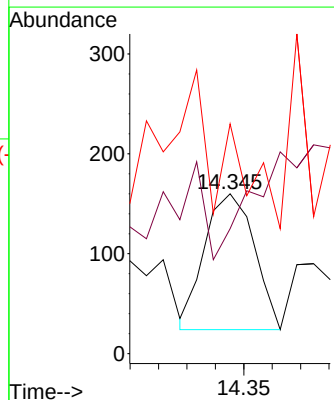
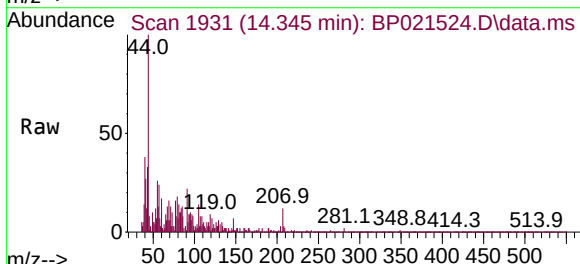
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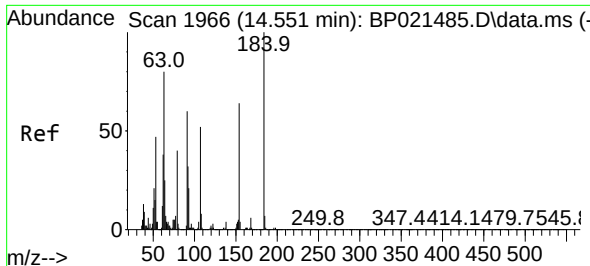
Tgt Ion	165	Ratio	100	Lower	Upper
165	100				
63	73.6		51.5	77.3	
89	59.9		57.8	86.8	



#53
3-Nitroaniline
Concen: 3.983 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Tgt Ion	138	Ratio	100	Lower	Upper
138	100				
108	78.1		16.2	24.4	
92	143.8		122.2	183.4	

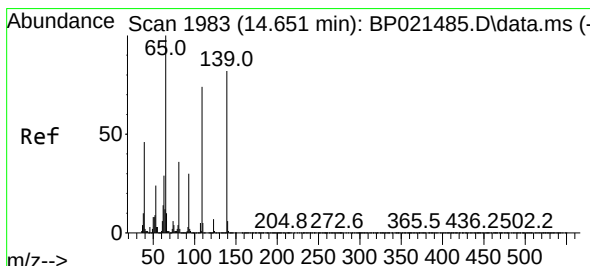
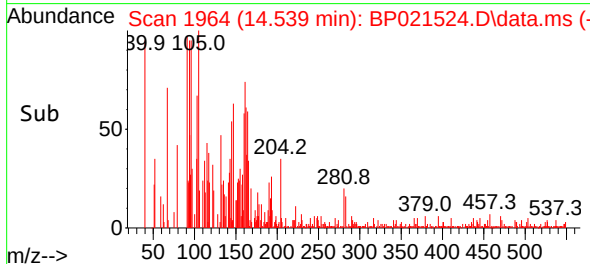
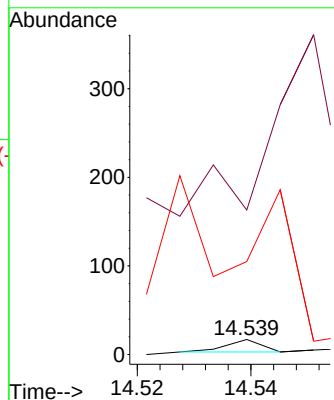
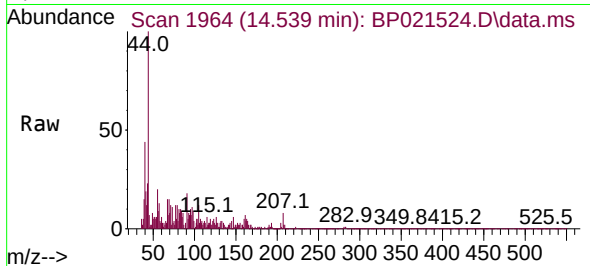




#54
2,4-Dinitrophenol
Concen: 2.433 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

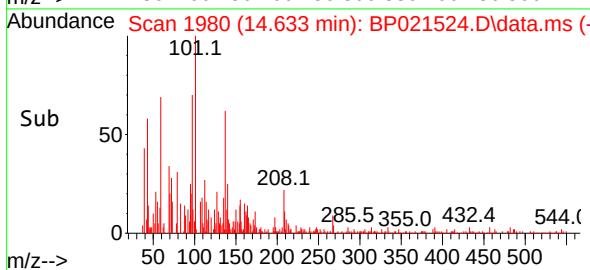
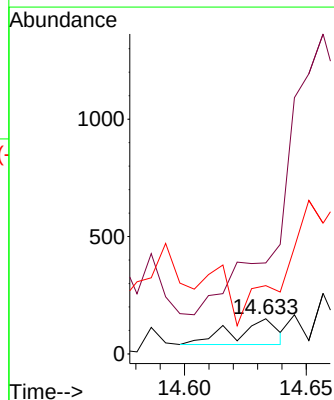
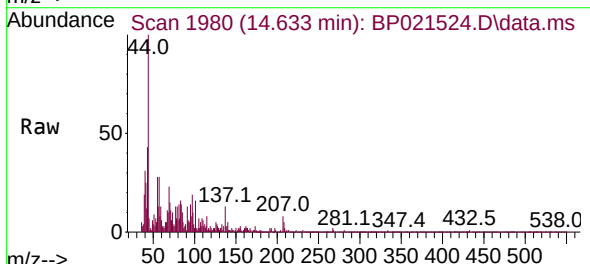
Instrument :
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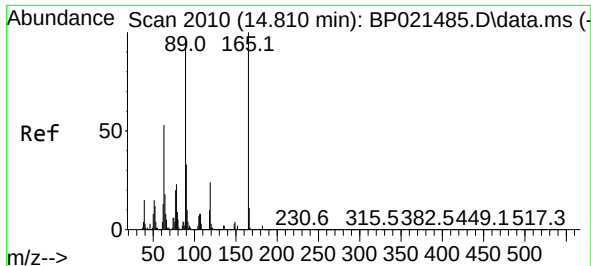
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 958.8 64.9 97.3#
154 617.6 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.093 ng
RT: 14.633 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Tgt Ion:139 Resp: 134
Ion Ratio Lower Upper
139 100
109 258.7 70.2 110.2#
65 194.0 101.8 141.8#

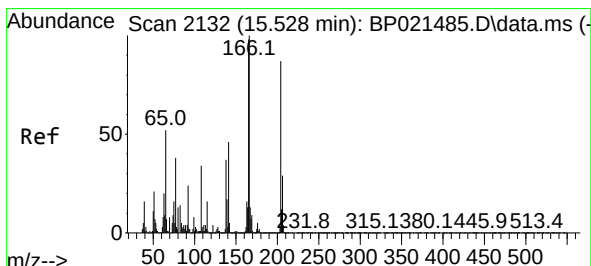
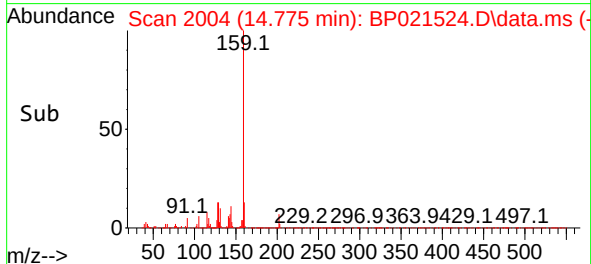
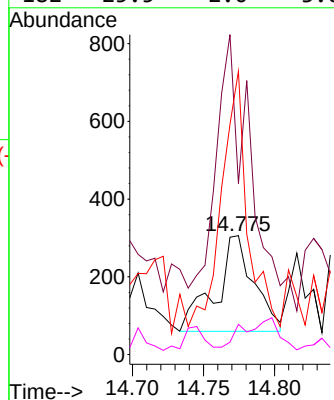
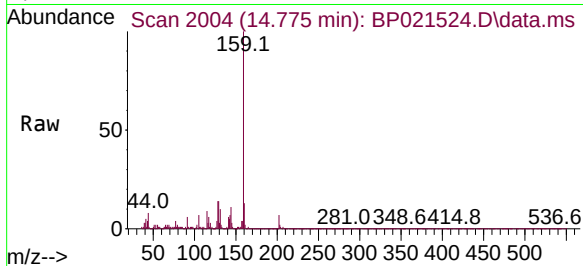




#57
2,4-Dinitrotoluene
Concen: 5.052 ng
RT: 14.775 min Scan# 2010
Delta R.T. -0.035 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

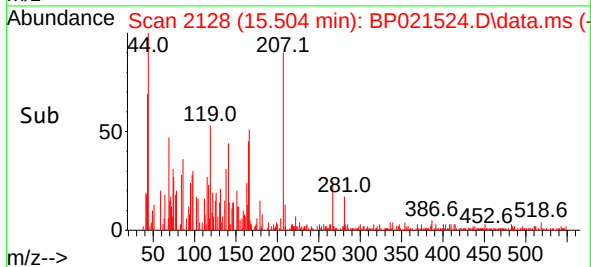
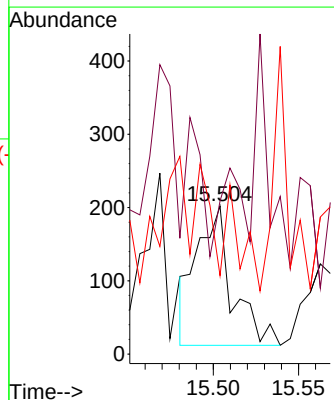
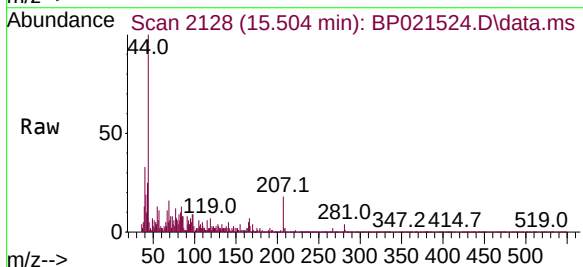
Instrument :
BNA_P
ClientSampleId :
S-856-J-S0-4-4.5-080924

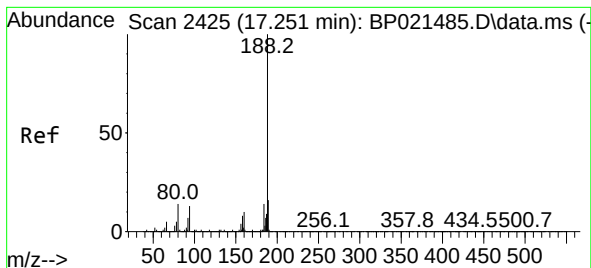
Tgt Ion:165 Resp: 459
Ion Ratio Lower Upper
165 100
63 143.8 42.5 63.7#
89 238.2 77.1 115.7#
182 25.5 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.958 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.024 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Tgt Ion:138 Resp: 275
Ion Ratio Lower Upper
138 100
92 103.5 46.4 86.4#
108 53.0 73.2 113.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2425

Delta R.T. -0.024 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-4-4.5-080924

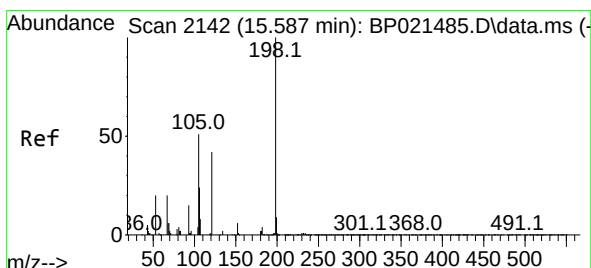
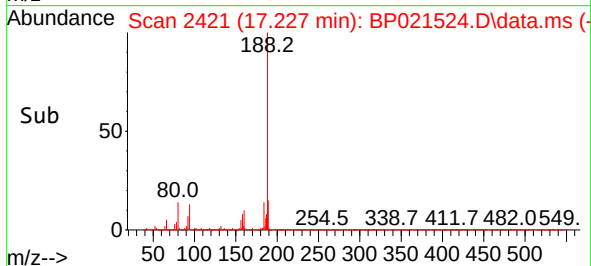
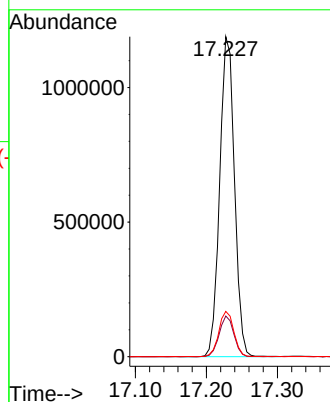
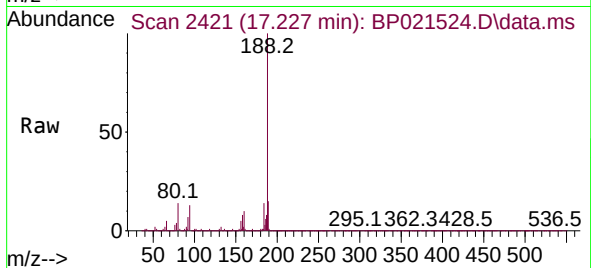
Tgt Ion:188 Resp: 1708478

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.4

80 14.1 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.613 ng

RT: 15.575 min Scan# 2140

Delta R.T. -0.012 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

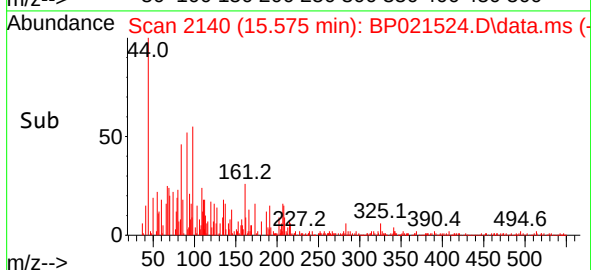
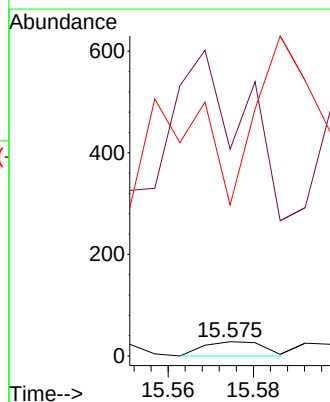
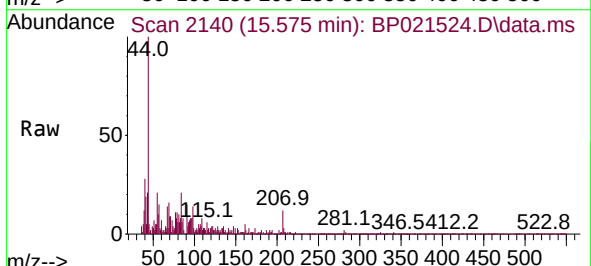
Tgt Ion:198 Resp: 28

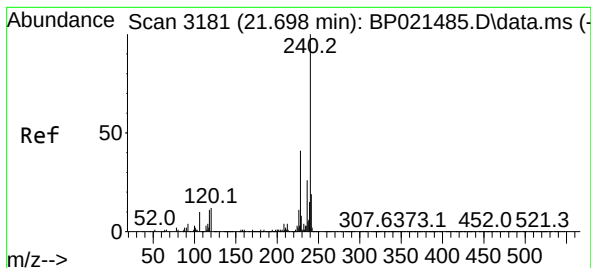
Ion Ratio Lower Upper

198 100

51 1453.6 21.5 61.5#

105 1060.7 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.668 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-4-4.5-080924

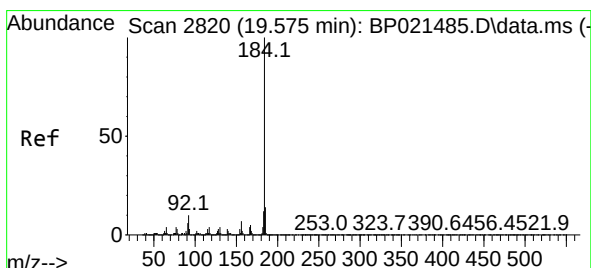
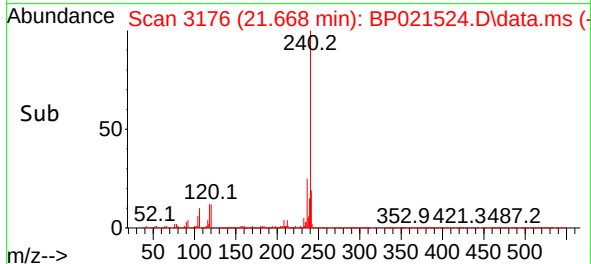
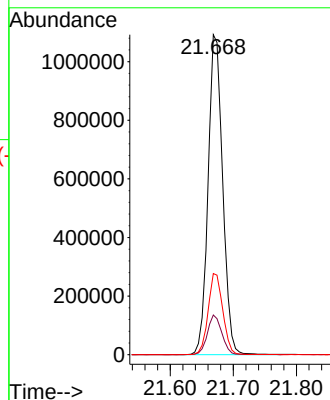
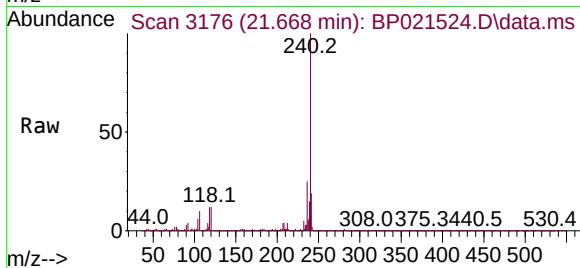
Tgt Ion:240 Resp: 1752728

Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

236 25.3 20.6 30.8



#77

Benzidine

Concen: 4.574 ng

RT: 19.563 min Scan# 2818

Delta R.T. -0.012 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

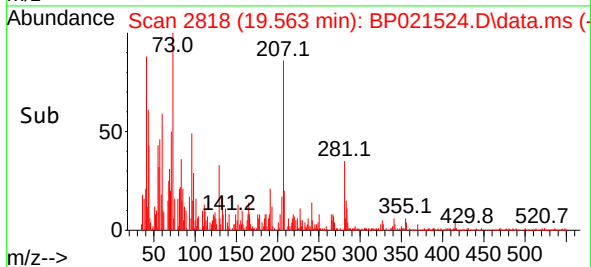
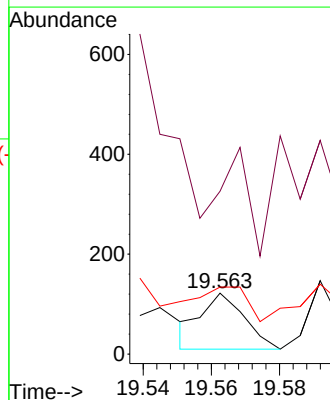
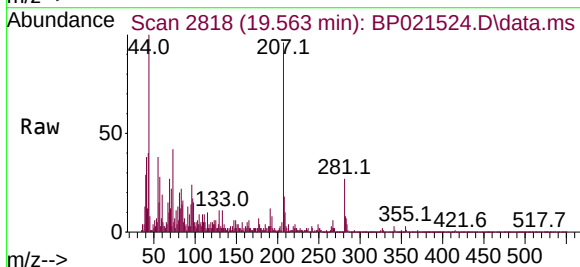
Tgt Ion:184 Resp: 97

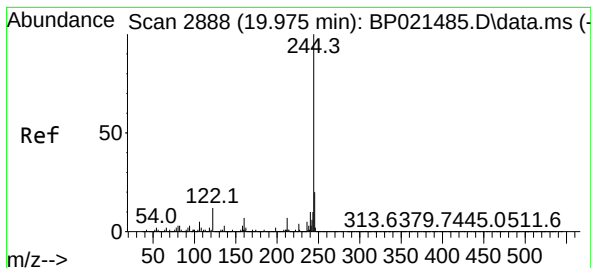
Ion Ratio Lower Upper

184 100

185 267.2 11.4 17.0#

183 109.8 9.3 13.9#





#79

Terphenyl-d14

Concen: 49.277 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-4-4.5-080924

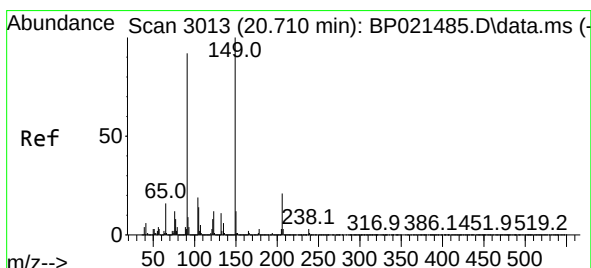
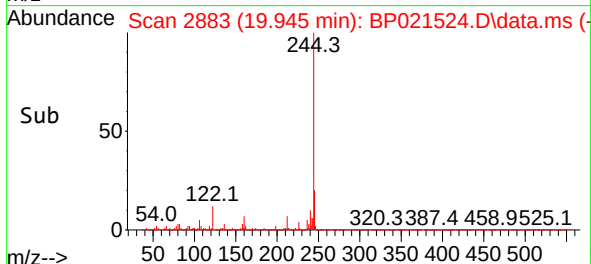
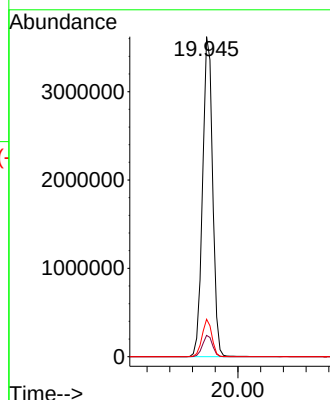
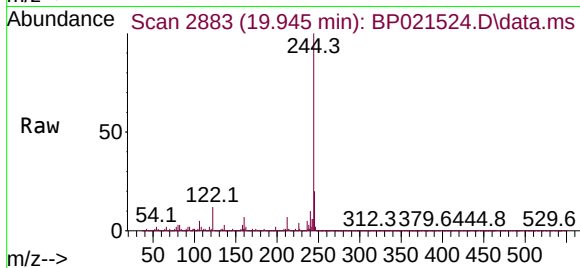
Tgt Ion:244 Resp: 4445756

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.674 ng

RT: 20.680 min Scan# 3008

Delta R.T. -0.030 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

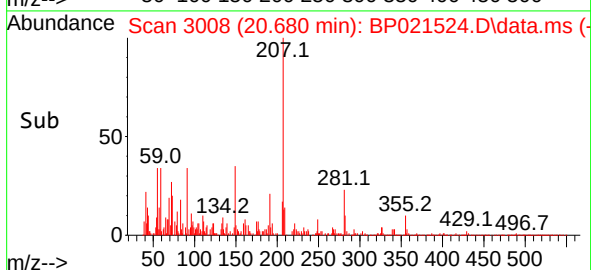
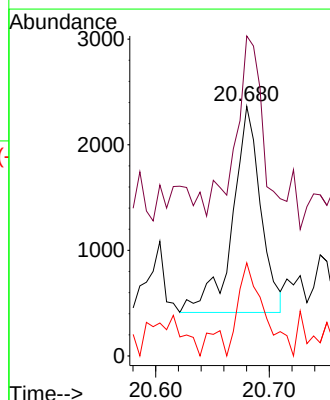
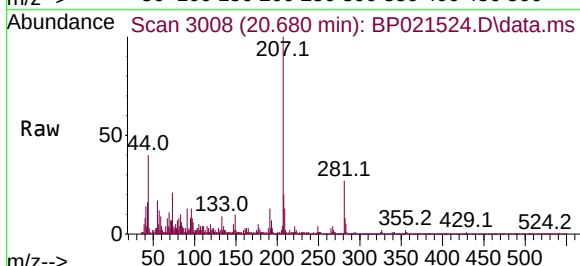
Tgt Ion:149 Resp: 3373

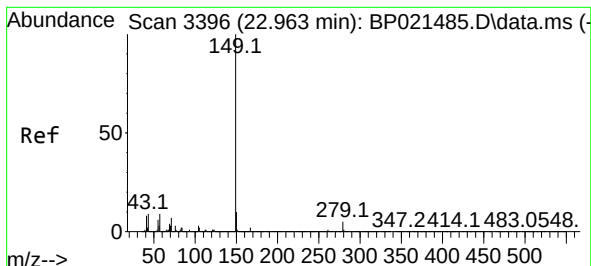
Ion Ratio Lower Upper

149 100

91 128.2 73.3 109.9#

206 37.3 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.931 ng

RT: 22.921 min Scan# 31

Delta R.T. -0.042 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

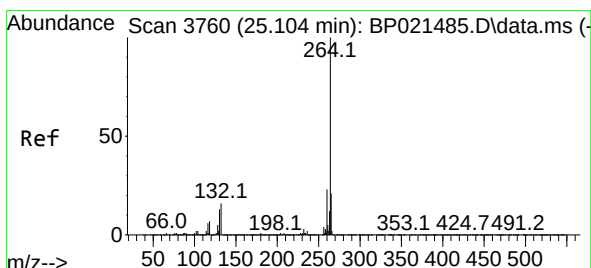
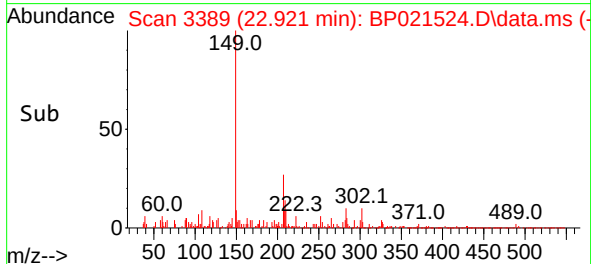
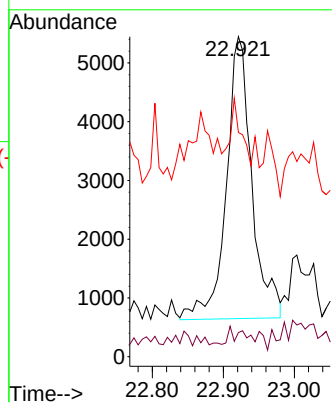
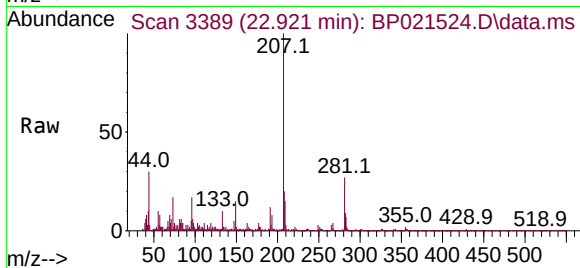
Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-4-4.5-080924

Tgt Ion:	149	Resp:	11994
Ion Ratio	Lower	Upper	
149	100		
167	1.1	1.3	1.9#
43	9.6	7.3	10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.080 min Scan# 3756

Delta R.T. -0.024 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Tgt Ion:	264	Resp:	2084362
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.6	28.0
265	21.2	17.1	25.7

