

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021518.D
 Acq On : 15 Aug 2024 17:53
 Operator : RC/JU
 Sample : P3582-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-01-081224

Quant Time: Aug 15 18:20:13 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)

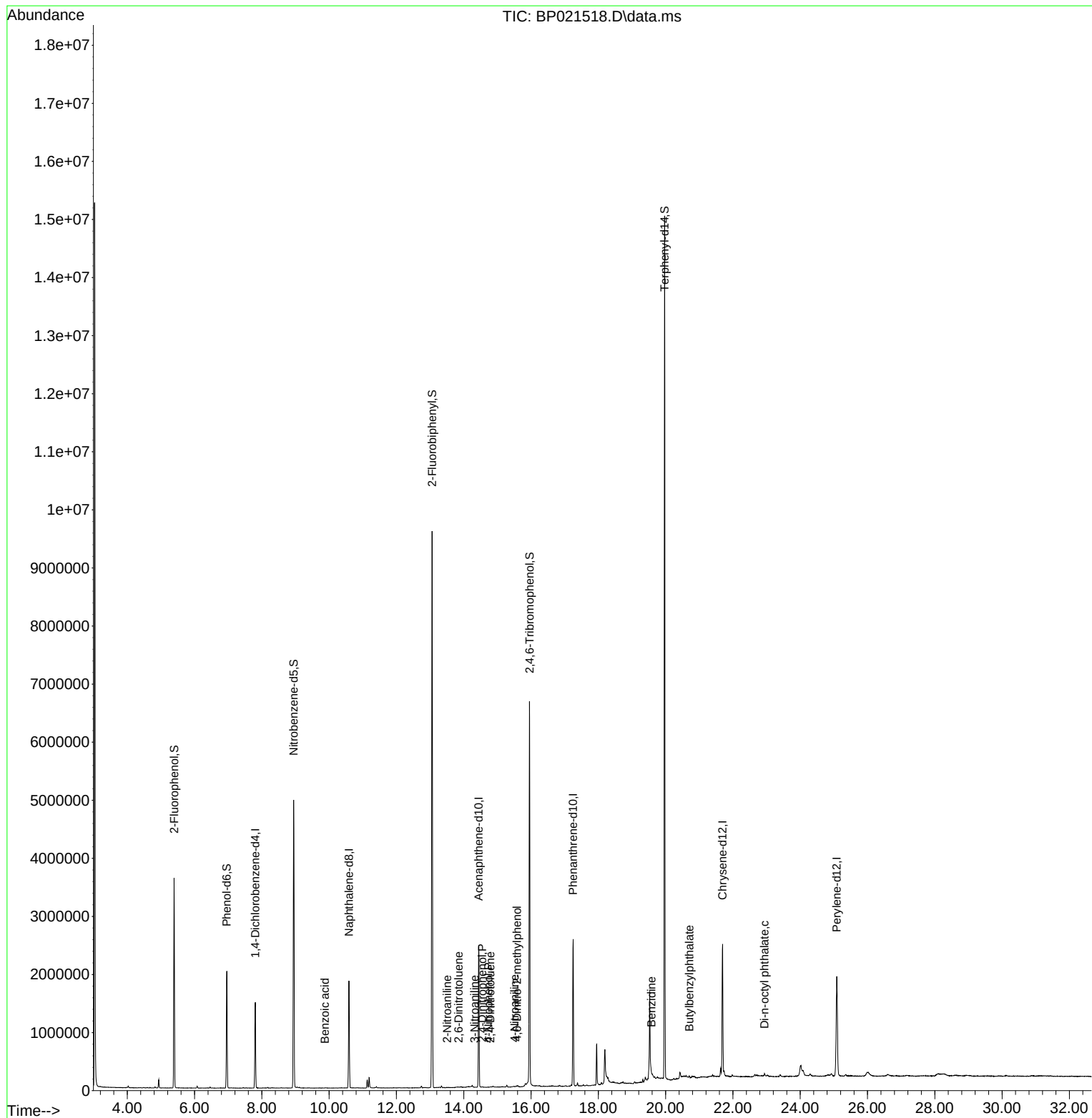
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	388286	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1455703	20.000	ng	-0.01
39) Acenaphthene-d10	14.446	164	851026	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	1615165	20.000	ng	0.00
76) Chrysene-d12	21.692	240	1334744	20.000	ng	0.00
86) Perylene-d12	25.086	264	1681963	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1555940	59.501	ng	0.00
7) Phenol-d6	6.958	99	1265241	33.168	ng	0.00
23) Nitrobenzene-d5	8.946	82	3259048	115.556	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1310536	138.365	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	5325943	95.511	ng	0.00
79) Terphenyl-d14	19.969	244	7167514	104.324	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.699	139	190	Below Cal	Qvalue	# 1
32) Benzoic acid	9.875	122	305	3.359 ng	#	22
48) 2-Nitroaniline	13.510	65	518	5.182 ng	#	45
51) 2,6-Dinitrotoluene	13.851	165	72	3.991 ng		90
53) 3-Nitroaniline	14.322	138	163	3.982 ng	#	72
54) 2,4-Dinitrophenol	14.551	184	34	2.447 ng	#	1
56) 4-Nitrophenol	14.734	139	119	5.090 ng		96
57) 2,4-Dinitrotoluene	14.793	165	238	5.037 ng	#	66
62) 4-Nitroaniline	15.510	138	440	2.970 ng	#	55
65) 4,6-Dinitro-2-methylph...	15.581	198	37	4.616 ng	#	1
77) Benzidine	19.575	184	74	4.574 ng	#	1
80) Butylbenzylphthalate	20.704	149	11038	3.911 ng		99
85) Di-n-octyl phthalate	22.939	149	33645	5.184 ng	#	73

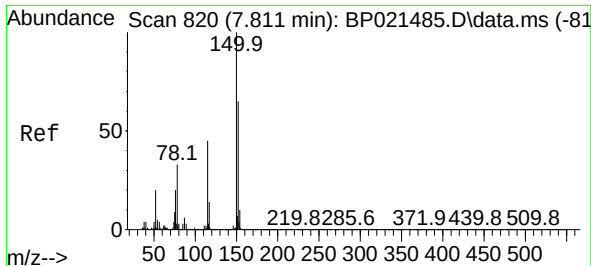
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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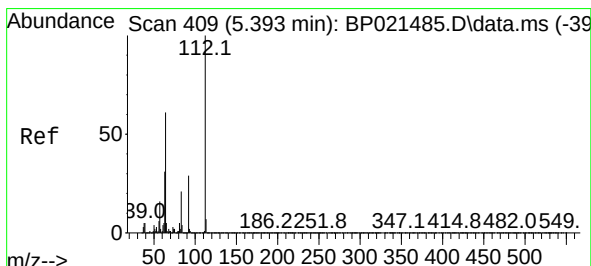
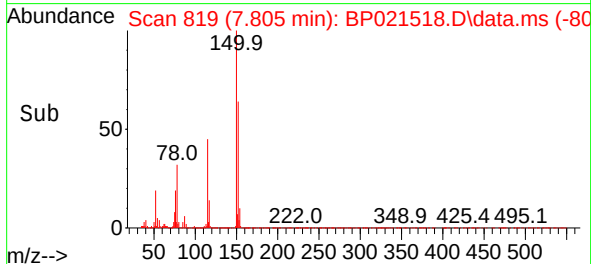
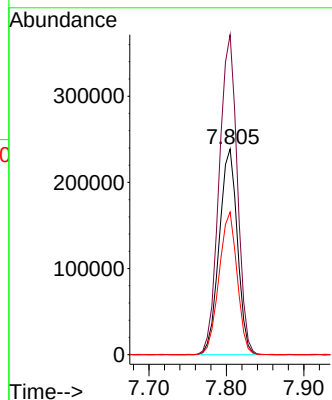
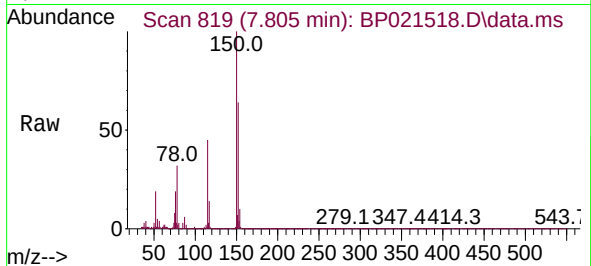




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021518.D
Acq: 15 Aug 2024 17:53

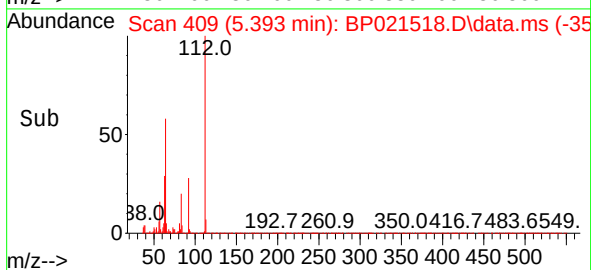
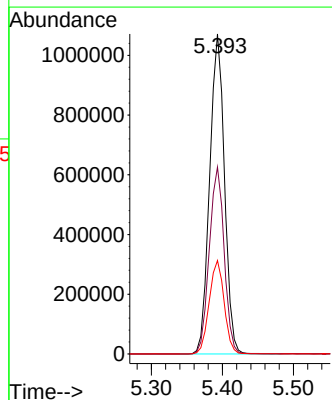
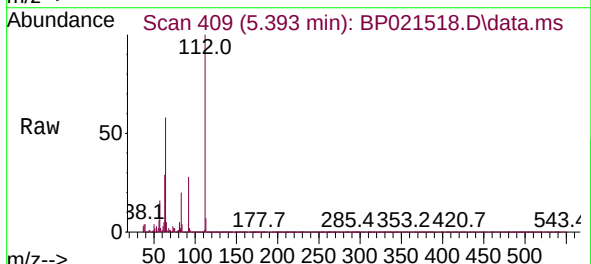
Instrument :
BNA_P
ClientSampleId :
EB-01-081224

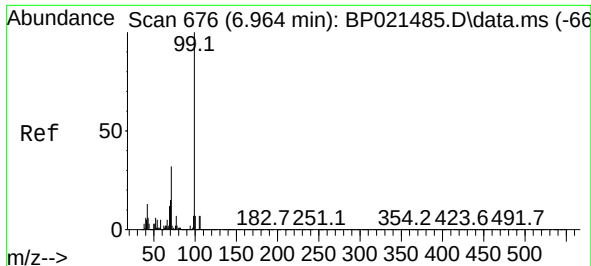
Tgt Ion:152 Resp: 388286
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 69.3 54.7 82.1



#5
2-Fluorophenol
Concen: 59.501 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP021518.D
Acq: 15 Aug 2024 17:53

Tgt Ion:112 Resp: 1555940
Ion Ratio Lower Upper
112 100
64 58.4 49.0 73.6
63 29.2 24.6 36.8





#7

Phenol-d6

Concen: 33.168 ng

RT: 6.958 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

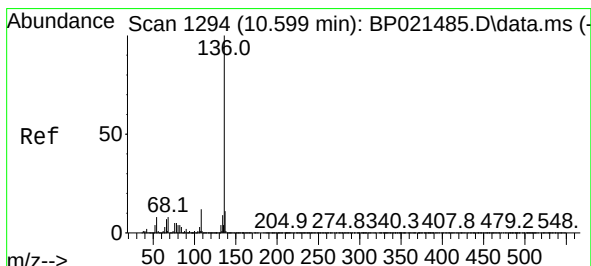
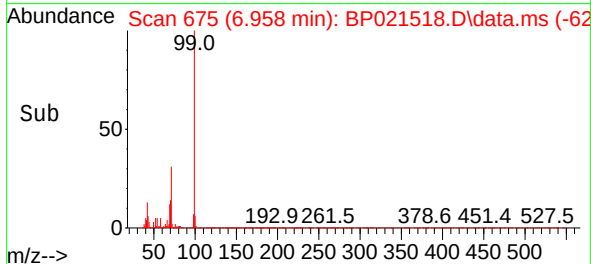
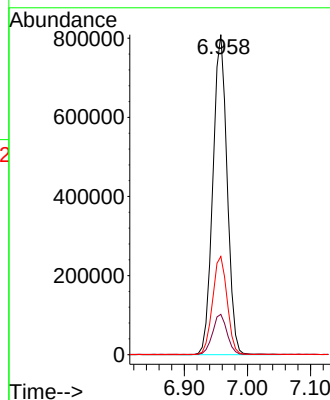
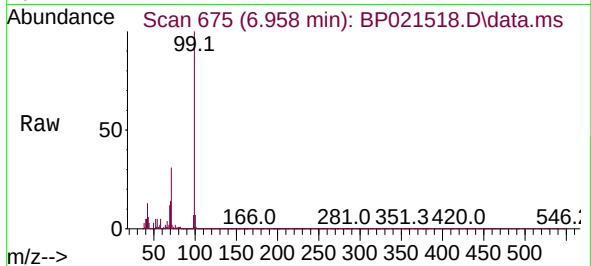
BNA_P

ClientSampleId :

EB-01-081224

Tgt Ion: 99 Resp: 1265241

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.2	15.4
71	30.7	25.8	38.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.587 min Scan# 1292

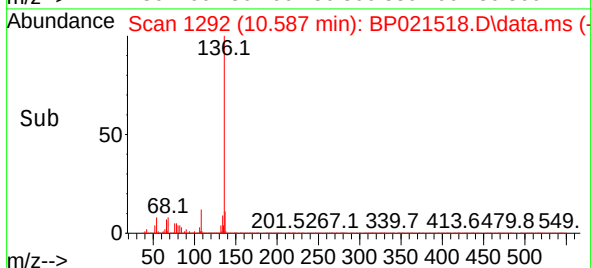
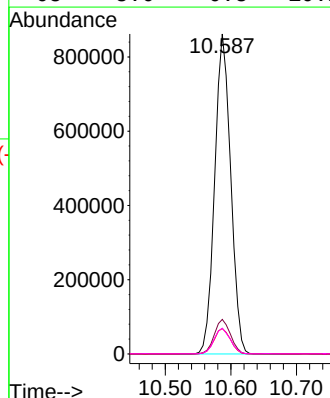
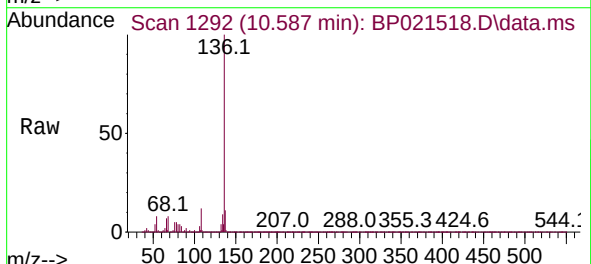
Delta R.T. -0.012 min

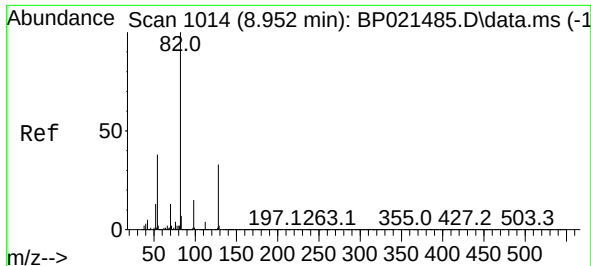
Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Tgt Ion:136 Resp: 1455703

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	6.3	9.5
68	8.0	6.8	10.2





#23

Nitrobenzene-d5

Concen: 115.556 ng

RT: 8.946 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

BNA_P

ClientSampleId :

EB-01-081224

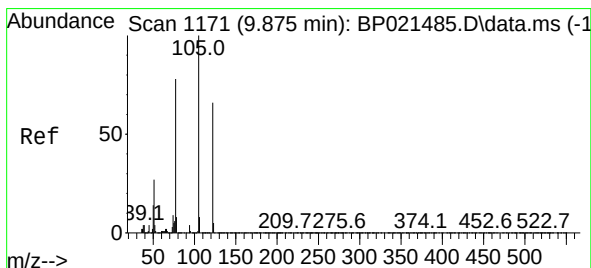
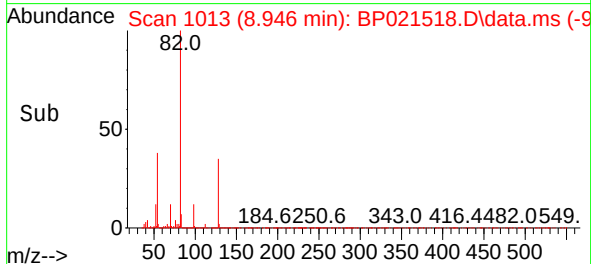
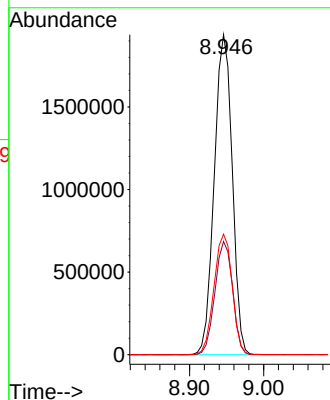
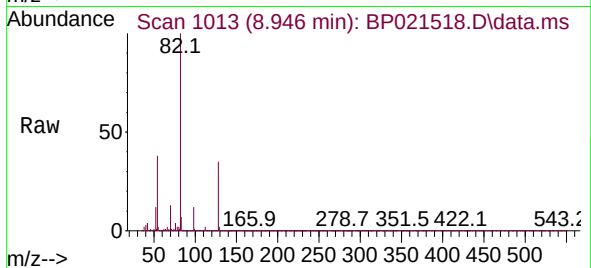
Tgt Ion: 82 Resp: 3259048

Ion Ratio Lower Upper

82 100

128 35.3 26.5 39.7

54 37.6 30.3 45.5



#32

Benzoic acid

Concen: 3.359 ng

RT: 9.875 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

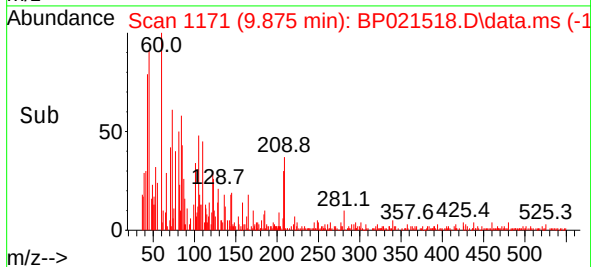
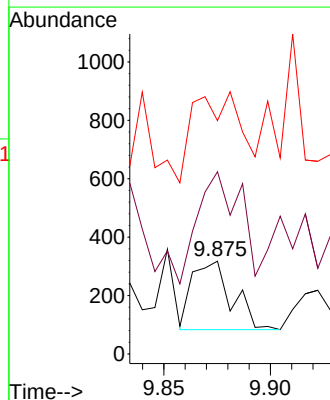
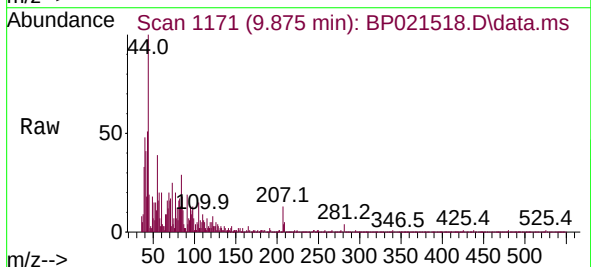
Tgt Ion: 122 Resp: 305

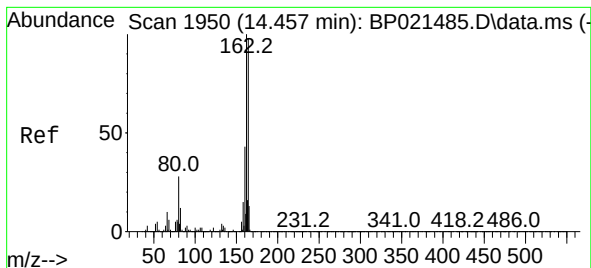
Ion Ratio Lower Upper

122 100

105 196.2 124.6 164.6#

77 251.3 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.446 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

BNA_P

ClientSampleId :

EB-01-081224

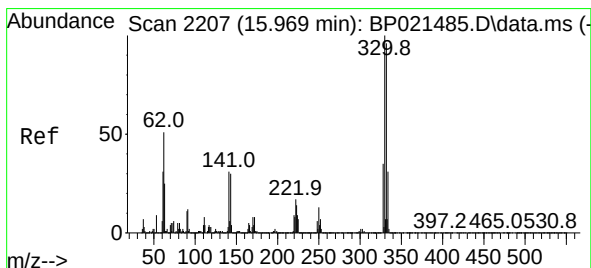
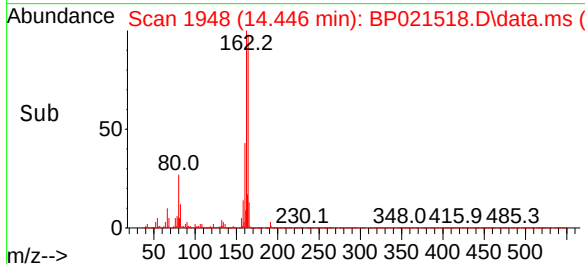
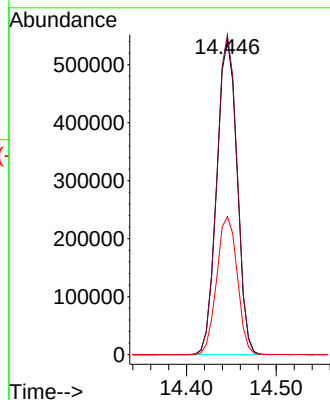
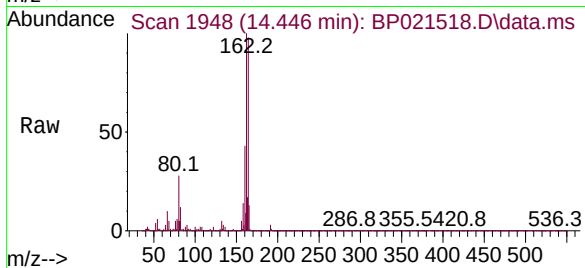
Tgt Ion:164 Resp: 851026

Ion Ratio Lower Upper

164 100

162 101.7 81.5 122.3

160 43.9 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 138.365 ng

RT: 15.957 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

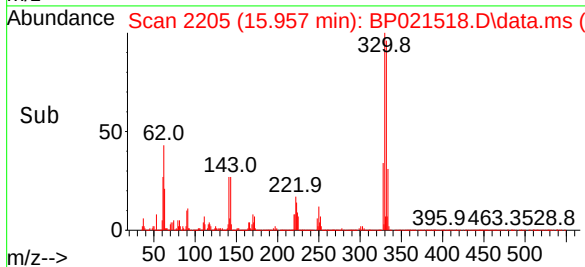
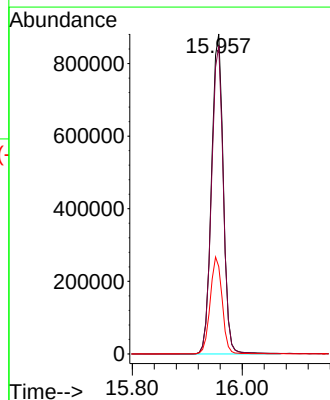
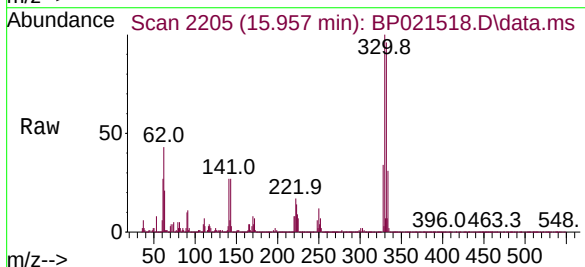
Tgt Ion:330 Resp: 1310536

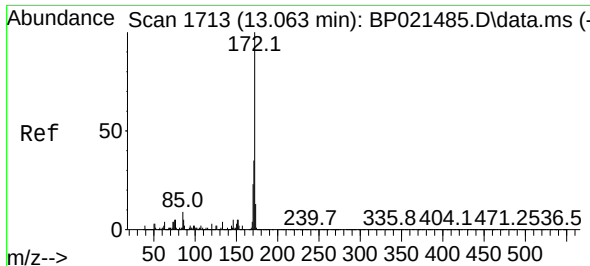
Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 30.6 24.5 36.7

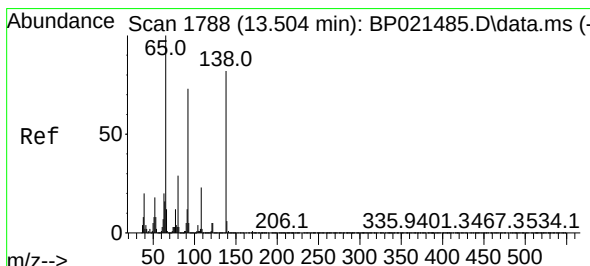
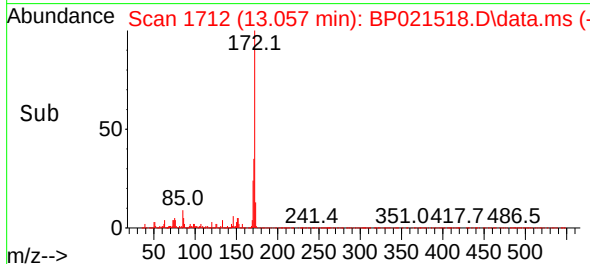
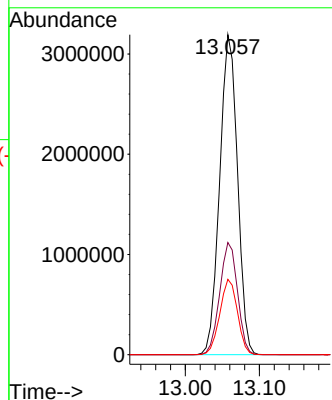
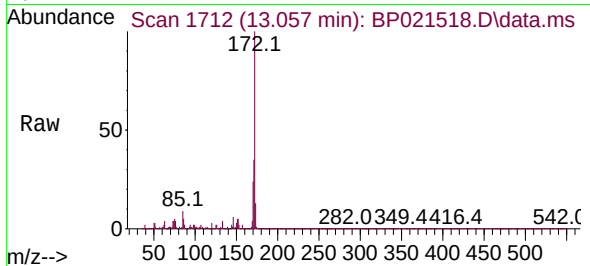




#45
2-Fluorobiphenyl
Concen: 95.511 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP021518.D
Acq: 15 Aug 2024 17:53

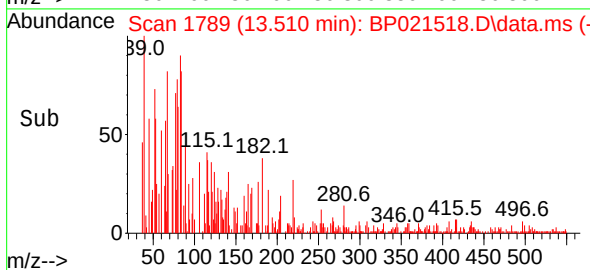
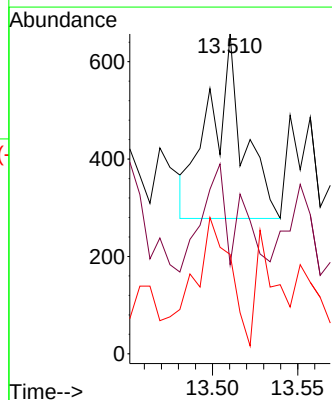
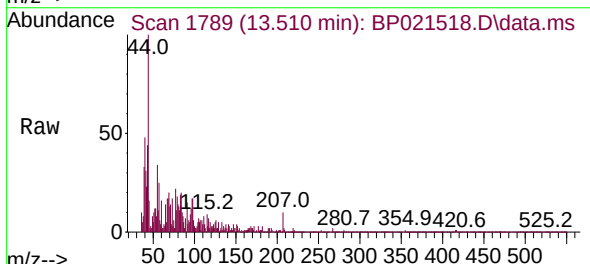
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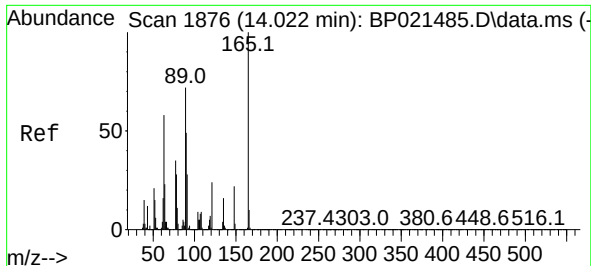
Tgt Ion:172 Resp: 5325943
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.6 18.4 27.6



#48
2-Nitroaniline
Concen: 5.182 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021518.D
Acq: 15 Aug 2024 17:53

Tgt Ion: 65 Resp: 518
Ion Ratio Lower Upper
65 100
92 27.9 58.1 87.1#
138 31.1 65.5 98.3#





#51

2,6-Dinitrotoluene

Concen: 3.991 ng

RT: 13.851 min Scan# 1876

Delta R.T. -0.171 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

BNA_P

ClientSampleId :

EB-01-081224

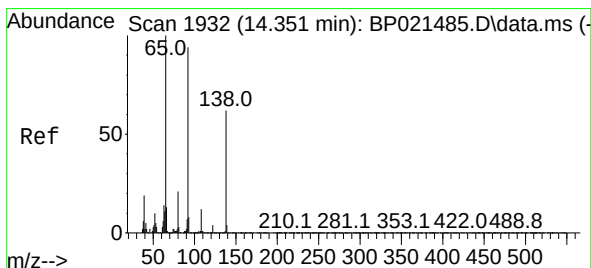
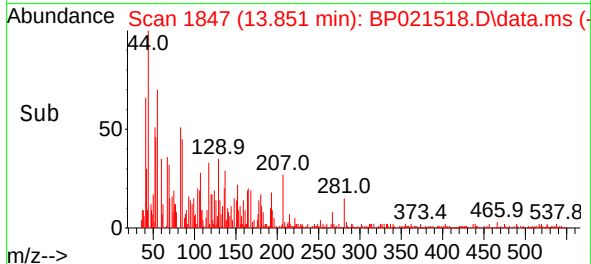
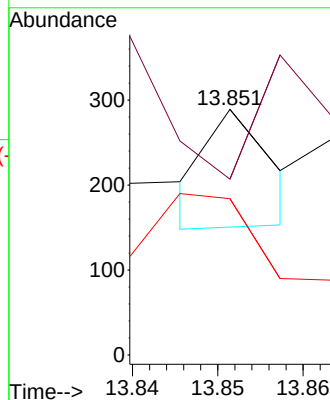
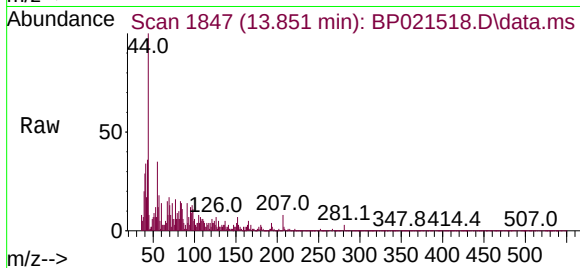
Tgt Ion:165 Resp: 72

Ion Ratio Lower Upper

165 100

63 71.6 51.5 77.3

89 63.7 57.8 86.8



#53

3-Nitroaniline

Concen: 3.982 ng

RT: 14.322 min Scan# 1927

Delta R.T. -0.029 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

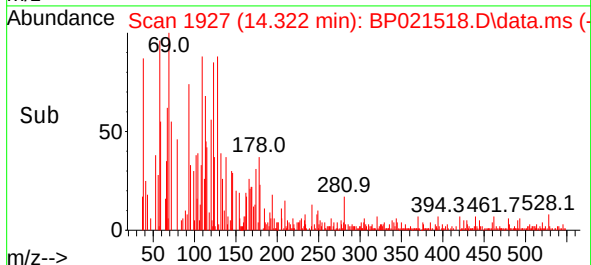
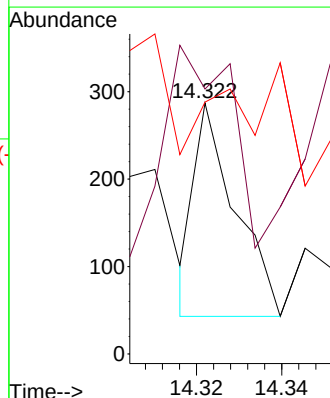
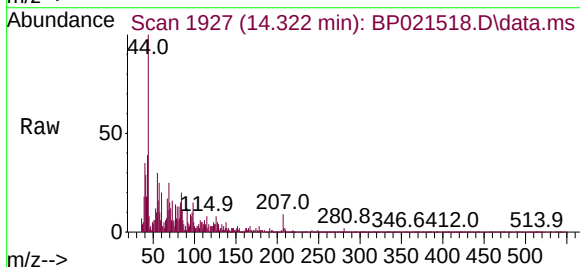
Tgt Ion:138 Resp: 163

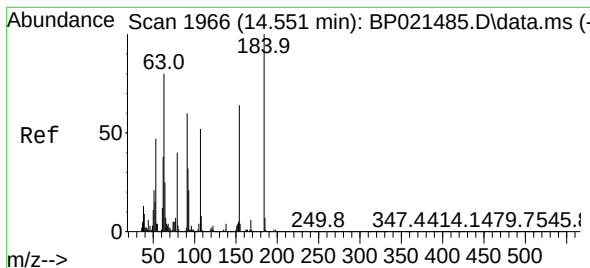
Ion Ratio Lower Upper

138 100

108 105.6 16.2 24.4#

92 142.9 122.2 183.4





#54

2,4-Dinitrophenol

Concen: 2.447 ng

RT: 14.551 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

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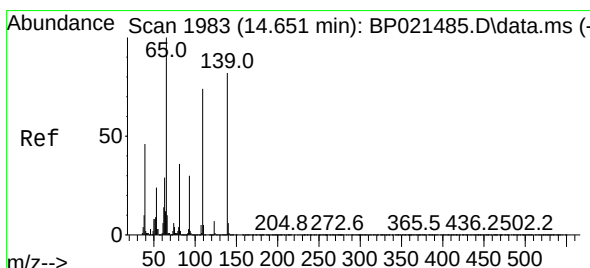
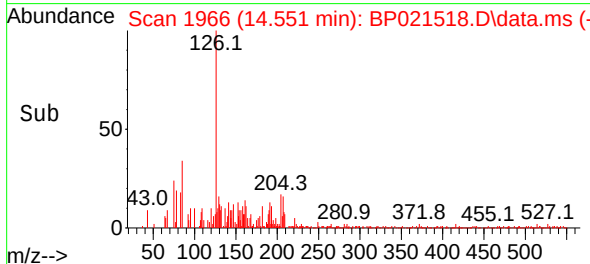
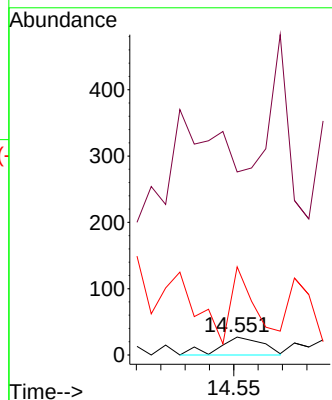
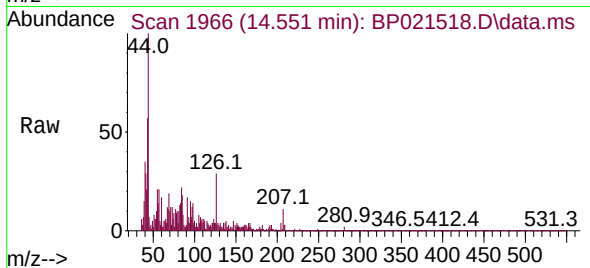
Tgt Ion:184 Resp: 34

Ion Ratio Lower Upper

184 100

63 1022.2 64.9 97.3#

154 511.1 52.1 78.1#



#56

4-Nitrophenol

Concen: 5.090 ng

RT: 14.734 min Scan# 1997

Delta R.T. 0.083 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

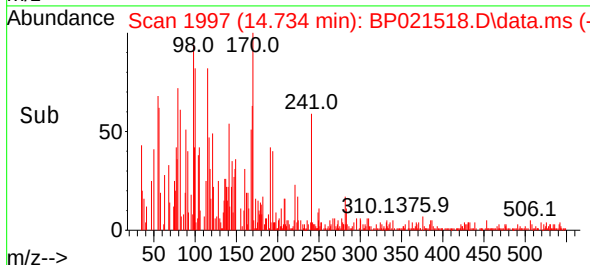
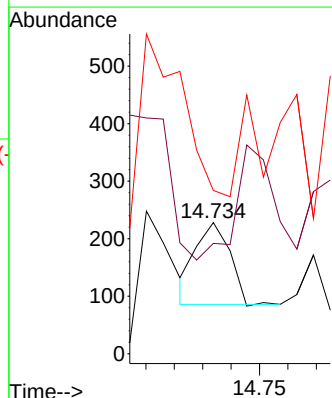
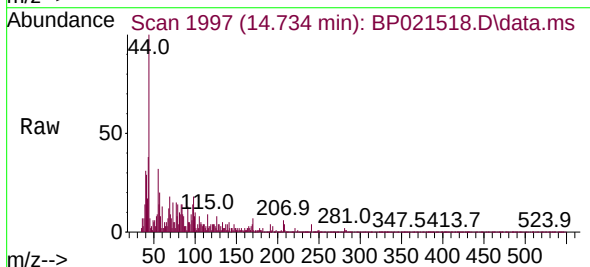
Tgt Ion:139 Resp: 119

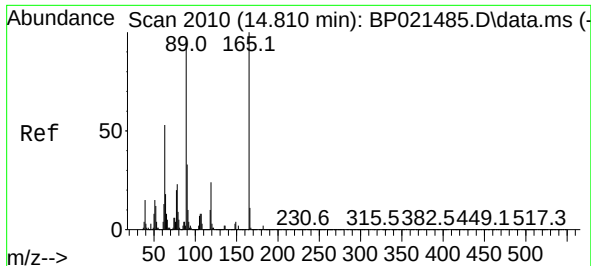
Ion Ratio Lower Upper

139 100

109 84.2 70.2 110.2

65 124.6 101.8 141.8

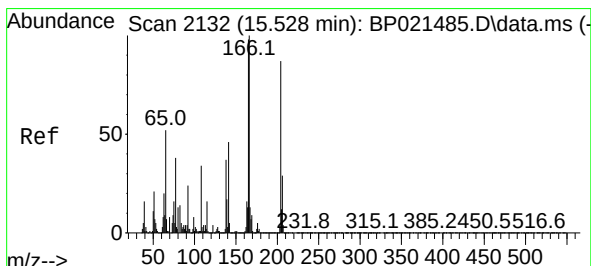
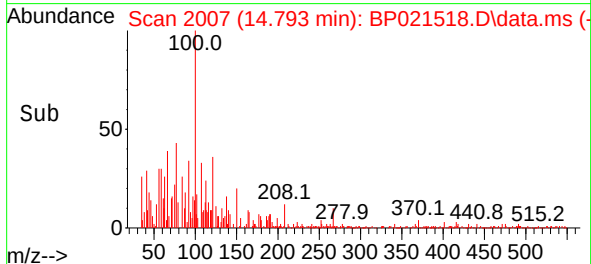
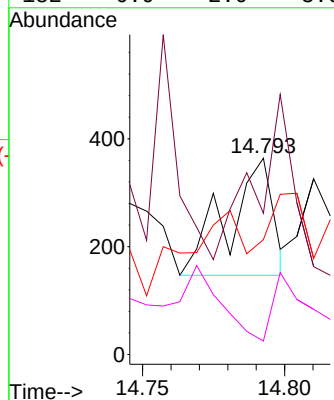
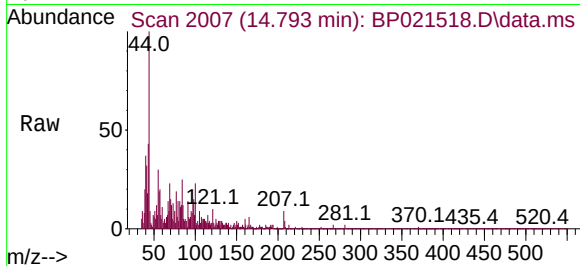




#57
2,4-Dinitrotoluene
Concen: 5.037 ng
RT: 14.793 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BP021518.D
Acq: 15 Aug 2024 17:53

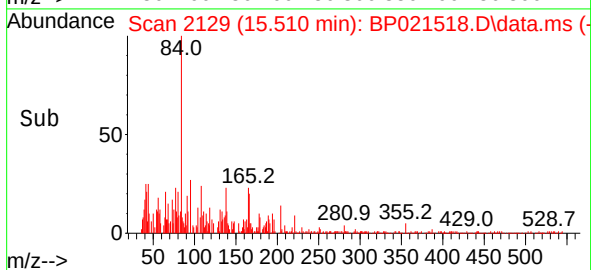
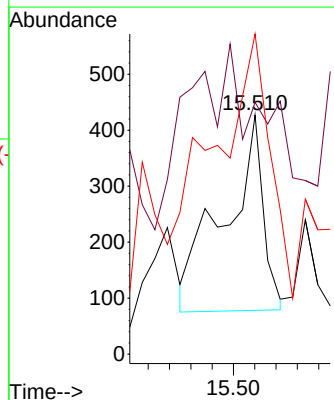
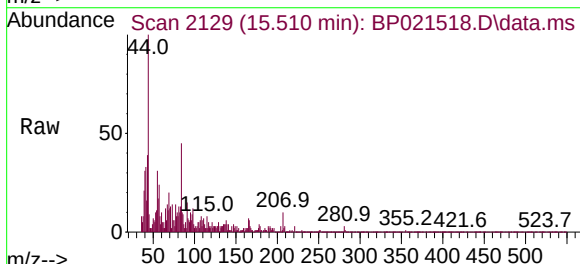
Instrument :
BNA_P
ClientSampleId :
EB-01-081224

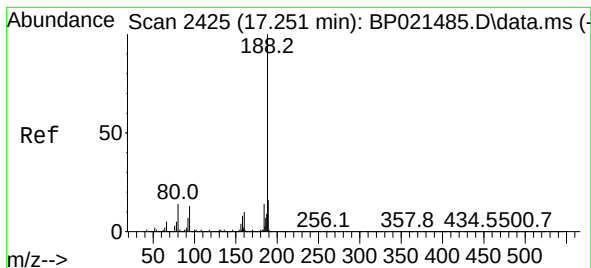
Tgt Ion:165 Resp: 238
Ion Ratio Lower Upper
165 100
63 72.0 42.5 63.7#
89 58.5 77.1 115.7#
182 6.9 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.970 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP021518.D
Acq: 15 Aug 2024 17:53

Tgt Ion:138 Resp: 440
Ion Ratio Lower Upper
138 100
92 105.4 46.4 86.4#
108 134.0 73.2 113.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

BNA_P

ClientSampleId :

EB-01-081224

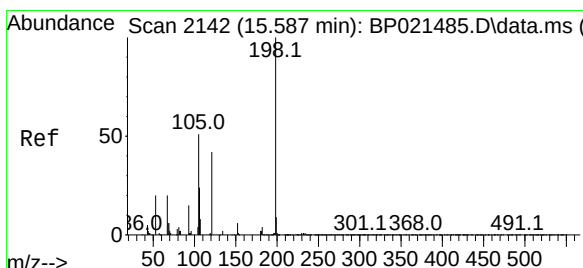
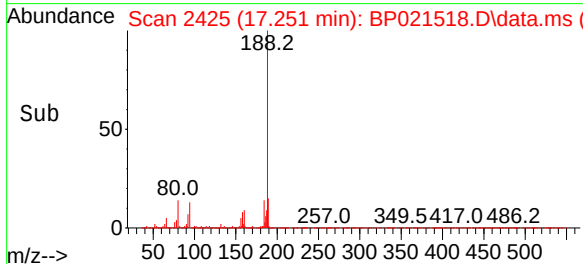
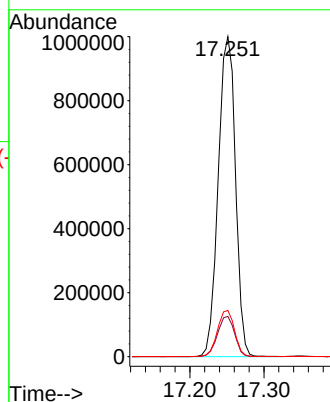
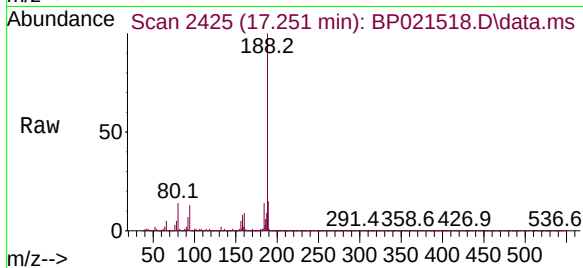
Tgt Ion:188 Resp: 1615165

Ion Ratio Lower Upper

188 100

94 12.6 10.2 15.4

80 14.4 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.616 ng

RT: 15.581 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

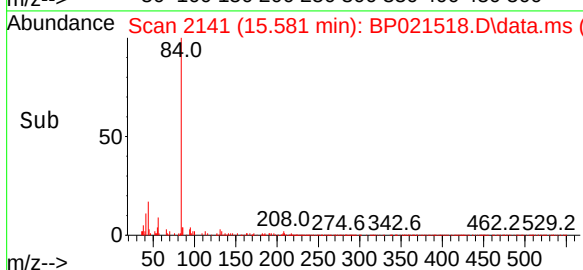
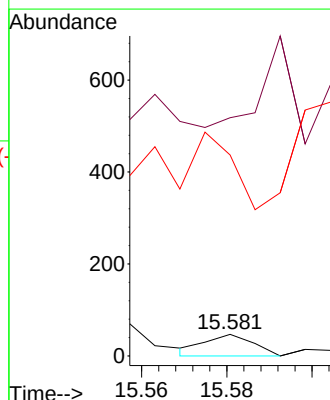
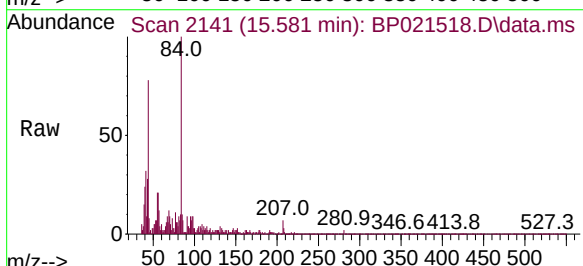
Tgt Ion:198 Resp: 37

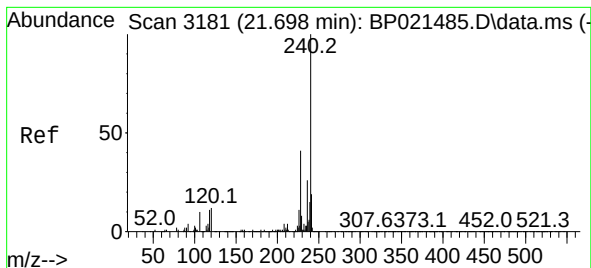
Ion Ratio Lower Upper

198 100

51 1102.1 21.5 61.5#

105 929.8 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.692 min Scan# 3181

Delta R.T. -0.006 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

BNA_P

ClientSampleId :

EB-01-081224

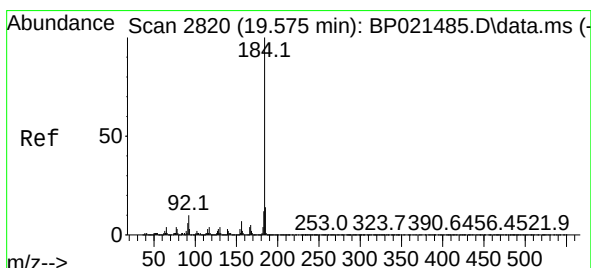
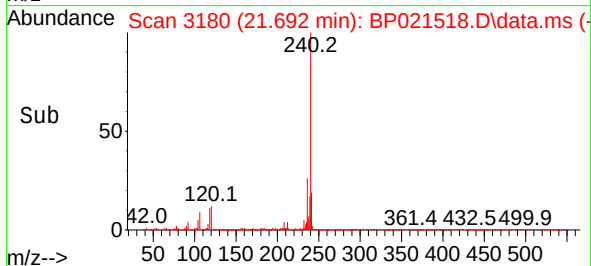
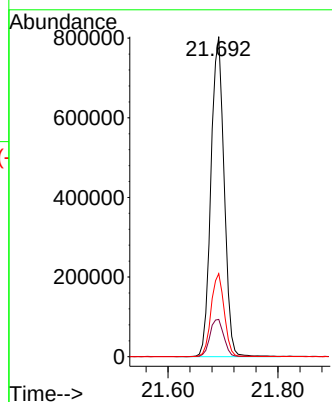
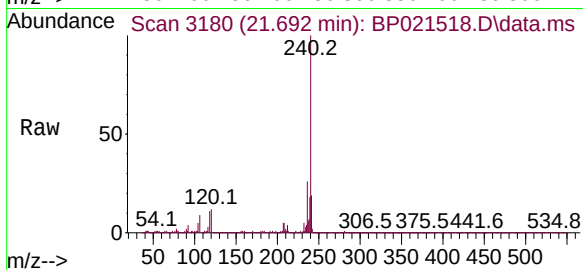
Tgt Ion:240 Resp: 1334744

Ion Ratio Lower Upper

240 100

120 11.7 9.9 14.9

236 26.0 20.6 30.8



#77

Benzidine

Concen: 4.574 ng

RT: 19.575 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

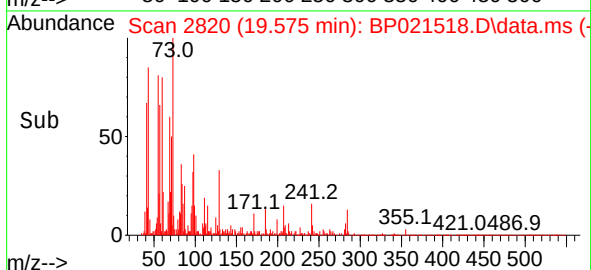
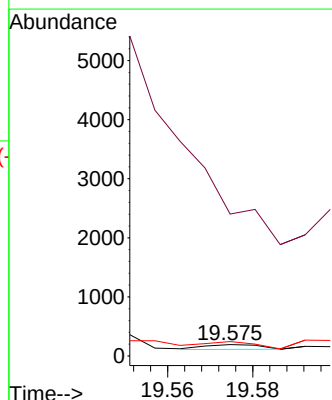
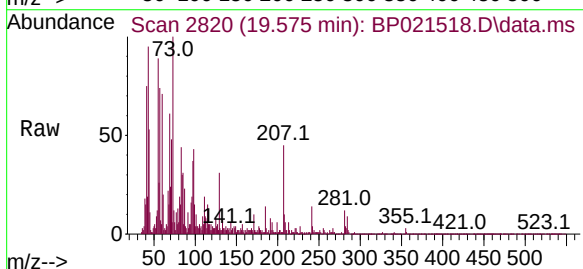
Tgt Ion:184 Resp: 74

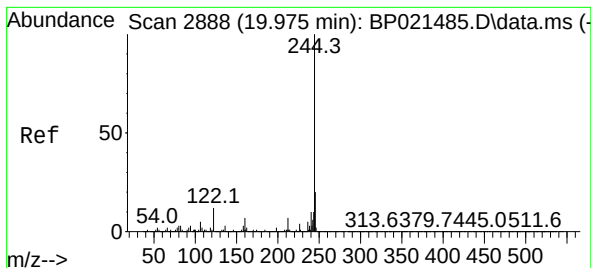
Ion Ratio Lower Upper

184 100

185 1244.6 11.4 17.0#

183 125.9 9.3 13.9#





#79

Terphenyl-d14

Concen: 104.324 ng

RT: 19.969 min Scan# 2887

Delta R.T. -0.006 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

BNA_P

ClientSampleId :

EB-01-081224

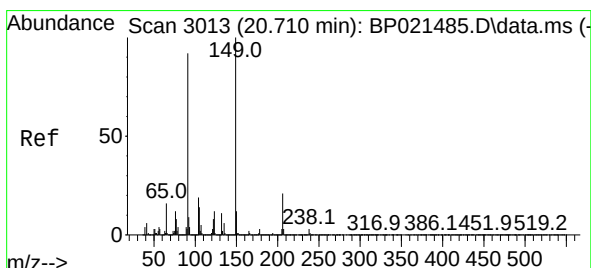
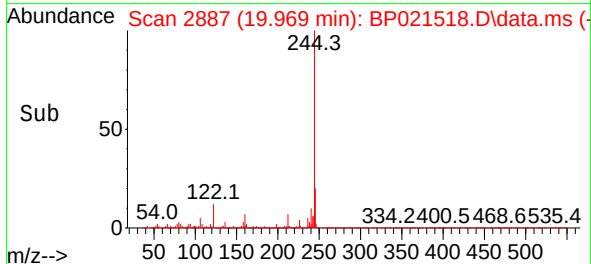
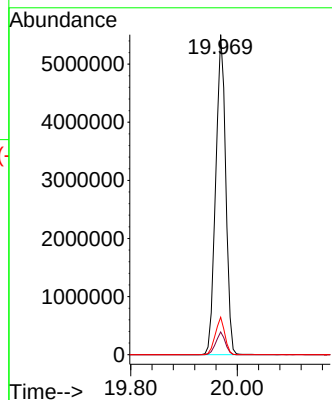
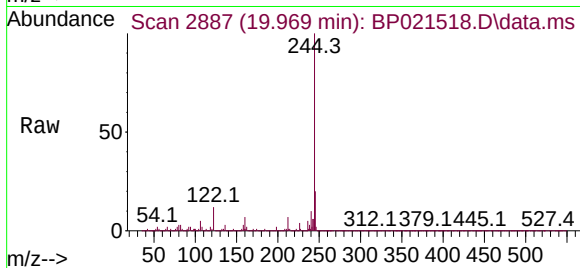
Tgt Ion:244 Resp: 7167514

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.911 ng

RT: 20.704 min Scan# 3012

Delta R.T. -0.006 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

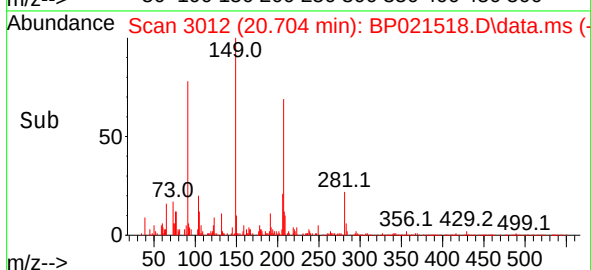
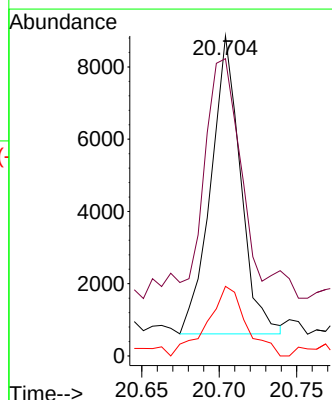
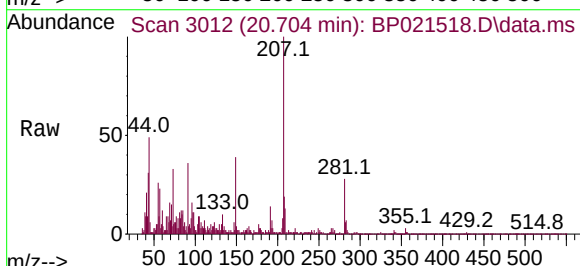
Tgt Ion:149 Resp: 11038

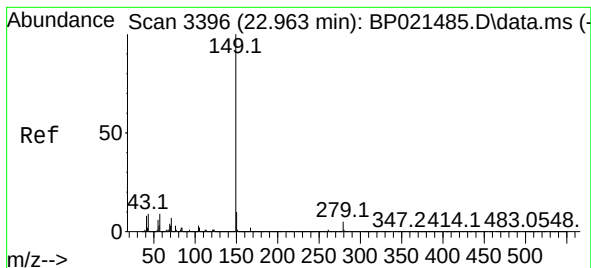
Ion Ratio Lower Upper

149 100

91 92.9 73.3 109.9

206 21.7 17.1 25.7





#85

Di-n-octyl phthalate

Concen: 5.184 ng

RT: 22.939 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Instrument :

BNA_P

ClientSampleId :

EB-01-081224

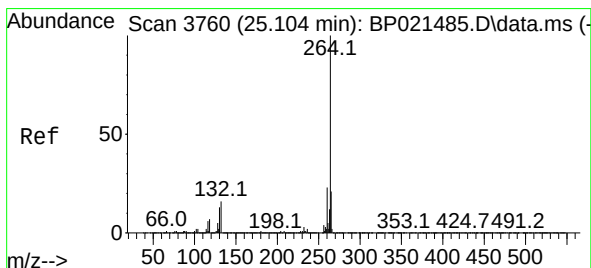
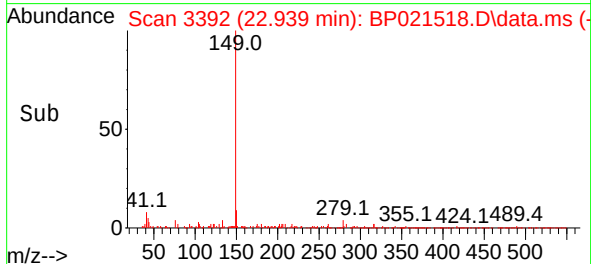
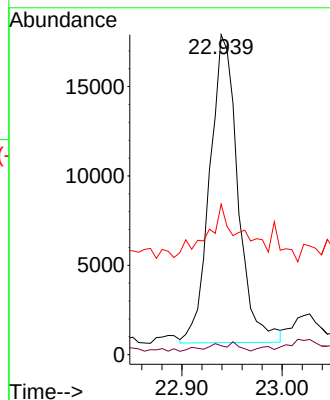
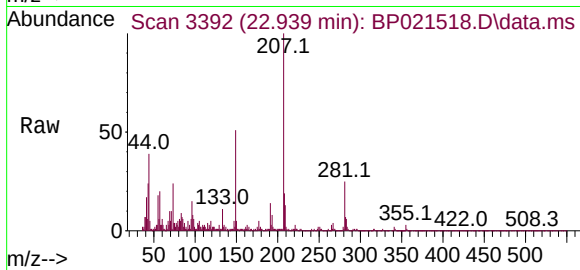
Tgt Ion:149 Resp: 33645

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9#

43 20.5 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.086 min Scan# 3757

Delta R.T. -0.018 min

Lab File: BP021518.D

Acq: 15 Aug 2024 17:53

Tgt Ion:264 Resp: 1681963

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.4 17.1 25.7

