

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021517.D
 Acq On : 15 Aug 2024 17:09
 Operator : RC/JU
 Sample : P3573-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-01-080924

Quant Time: Aug 15 17:41:00 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)

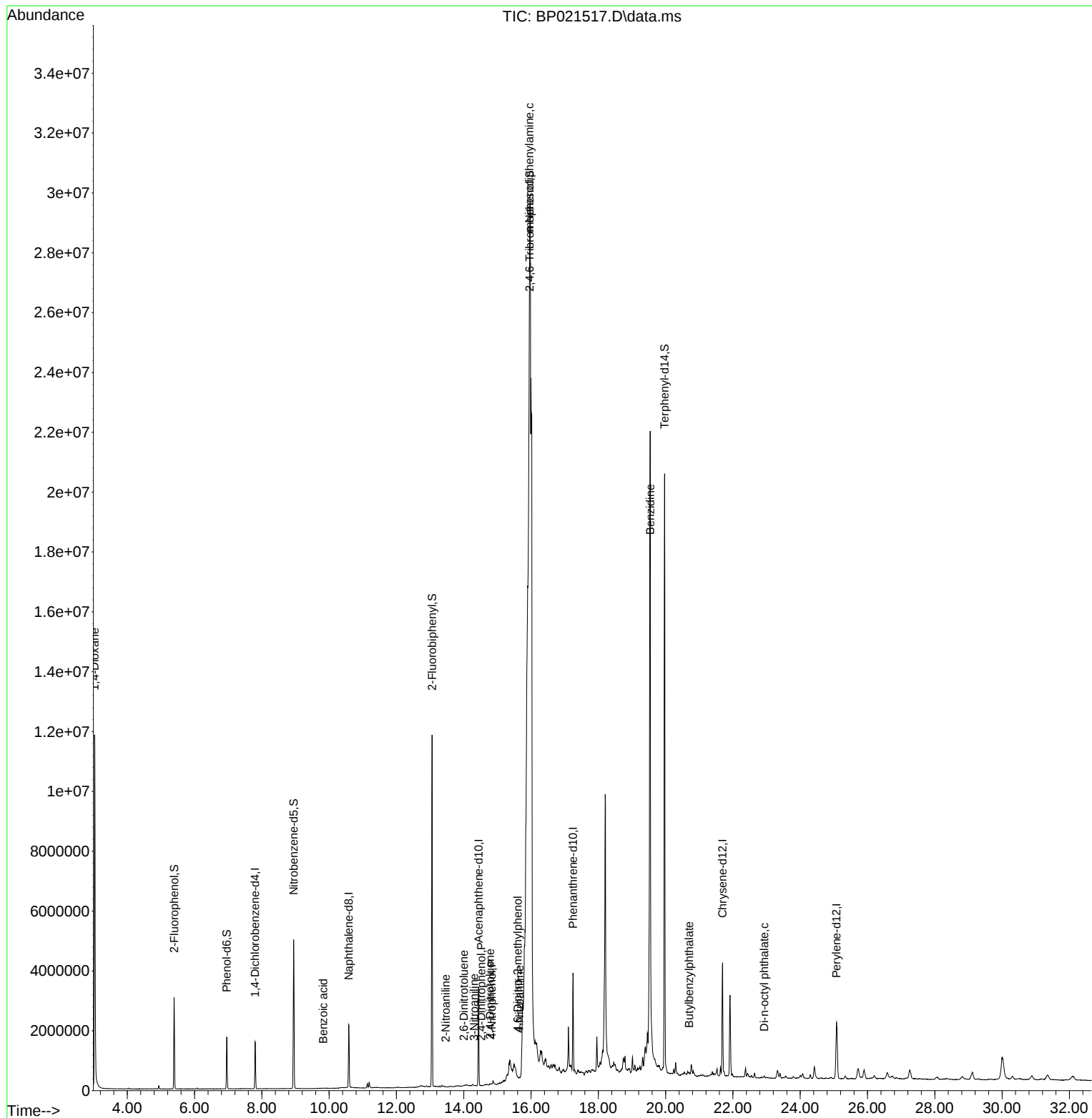
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	407321	20.000	ng	-0.01
21) Naphthalene-d8	10.581	136	1612741	20.000	ng	-0.02
39) Acenaphthene-d10	14.440	164	1030572	20.000	ng	-0.02
64) Phenanthrene-d10	17.245	188	2153279	20.000	ng	0.00
76) Chrysene-d12	21.692	240	2218864	20.000	ng	0.00
86) Perylene-d12	25.080	264	2137805	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1304357	47.549	ng	0.00
7) Phenol-d6	6.958	99	1042319	26.047	ng	0.00
23) Nitrobenzene-d5	8.946	82	3114311	99.672	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1486826	129.629	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	5468377	80.980	ng	0.00
79) Terphenyl-d14	19.969	244	11037124	96.636	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.029	88	93541	7.192	ng	# 1
26) 2-Nitrophenol	9.681	139	158	Below Cal		# 1
32) Benzoic acid	9.822	122	535	3.382	ng	# 50
48) 2-Nitroaniline	13.463	65	312	5.165	ng	# 71
51) 2,6-Dinitrotoluene	13.999	165	3059	4.187	ng	# 46
53) 3-Nitroaniline	14.310	138	176	3.981	ng	# 58
54) 2,4-Dinitrophenol	14.522	184	31	2.443	ng	# 1
56) 4-Nitrophenol	14.834	139	1148	5.172	ng	89
57) 2,4-Dinitrotoluene	14.787	165	719	5.059	ng	# 75
62) 4-Nitroaniline	15.657	138	522	2.970	ng	87
65) 4,6-Dinitro-2-methylph...	15.604	198	134	4.633	ng	# 1
66) n-Nitrosodiphenylamine	15.951	169	145707	2.525	ng	# 55
77) Benzidine	19.545	184	4410	4.637	ng	# 1
80) Butylbenzylphthalate	20.698	149	19156	3.924	ng	# 82
85) Di-n-octyl phthalate	22.927	149	52494	5.163	ng	# 56

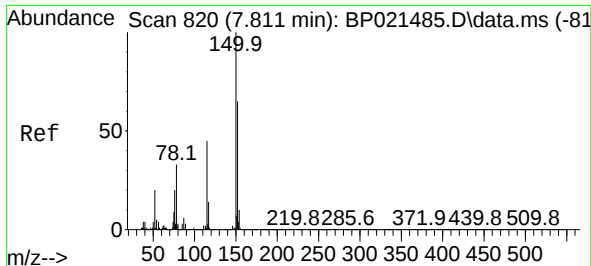
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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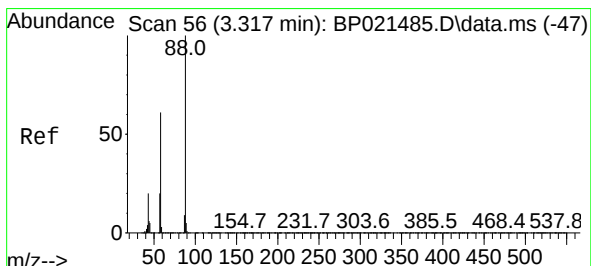
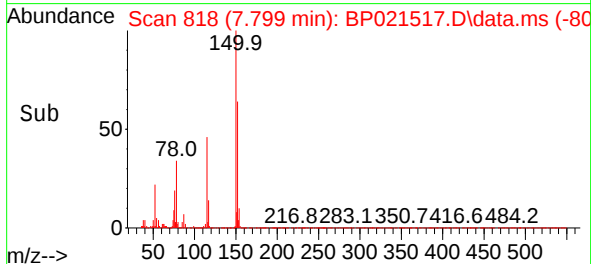
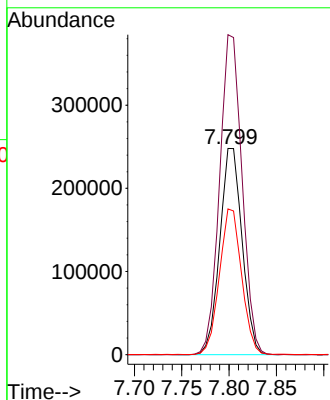
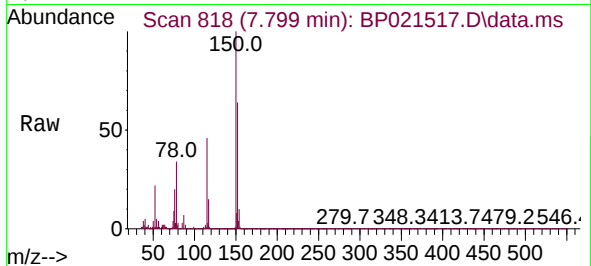




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

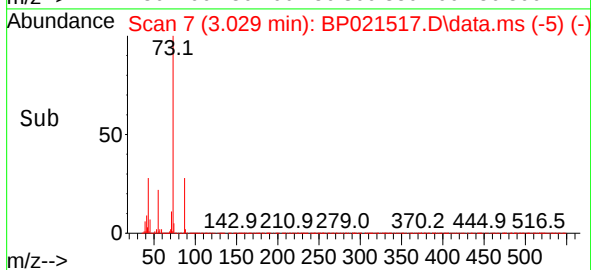
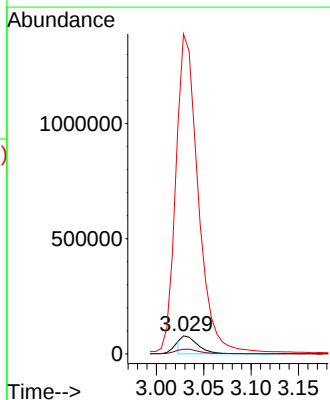
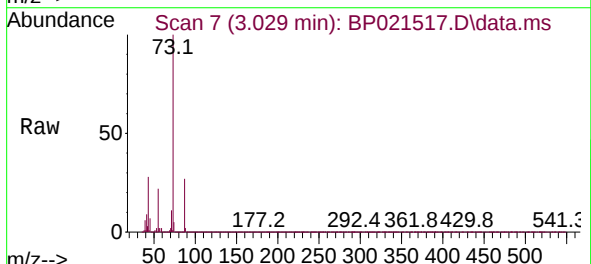
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BNA_P
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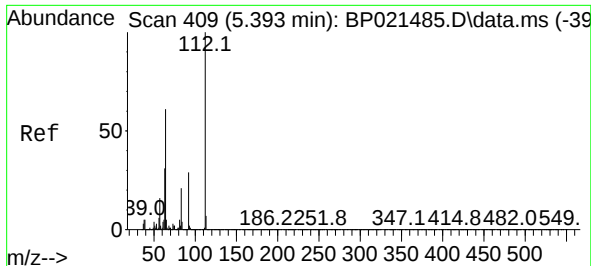
Tgt Ion:152 Resp: 407321
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 70.7 54.7 82.1



#2
1,4-Dioxane
Concen: 7.192 ng
RT: 3.029 min Scan# 7
Delta R.T. -0.288 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

Tgt Ion: 88 Resp: 93541
Ion Ratio Lower Upper
88 100
58 27.8 48.7 73.1#
43 1855.9 15.4 23.2#

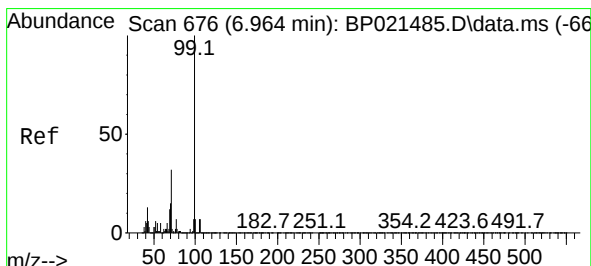
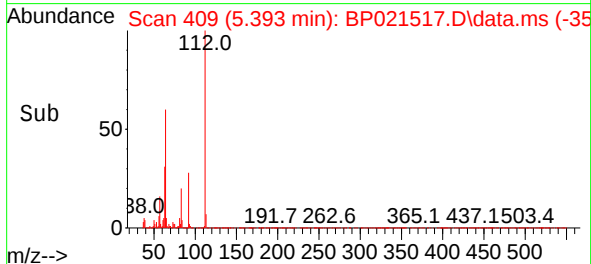
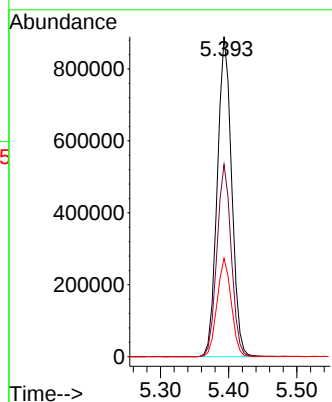
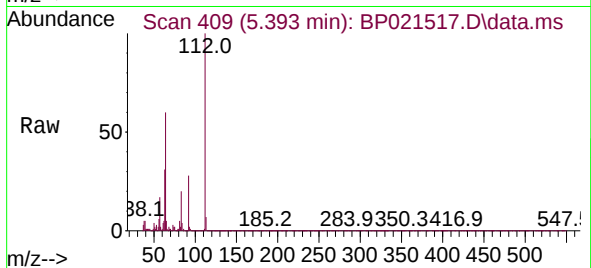




#5
2-Fluorophenol
Concen: 47.549 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

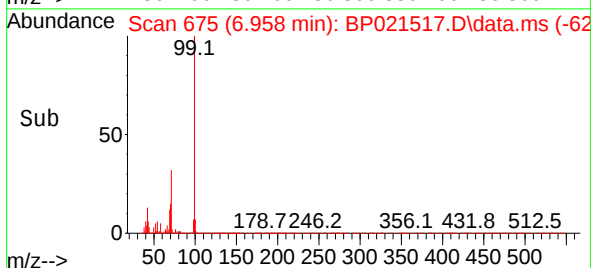
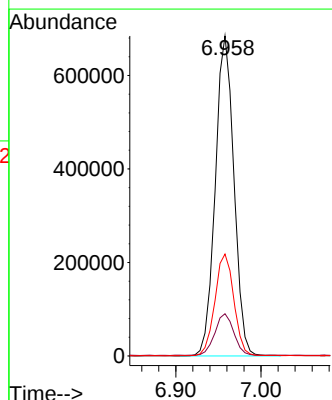
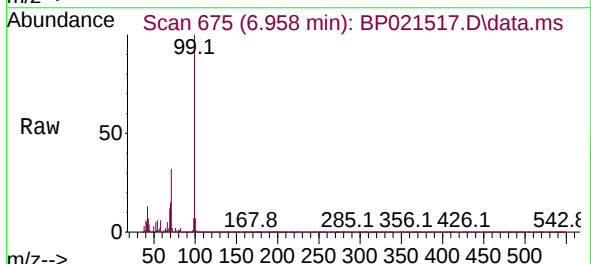
Instrument :
BNA_P
ClientSampleId :
EB-01-080924

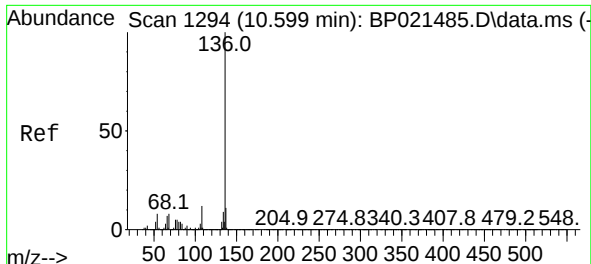
Tgt Ion:112 Resp: 1304357
Ion Ratio Lower Upper
112 100
64 60.1 49.0 73.6
63 30.8 24.6 36.8



#7
Phenol-d6
Concen: 26.047 ng
RT: 6.958 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

Tgt Ion: 99 Resp: 1042319
Ion Ratio Lower Upper
99 100
42 13.2 10.2 15.4
71 31.9 25.8 38.8

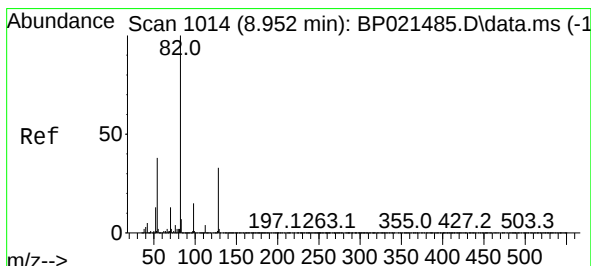
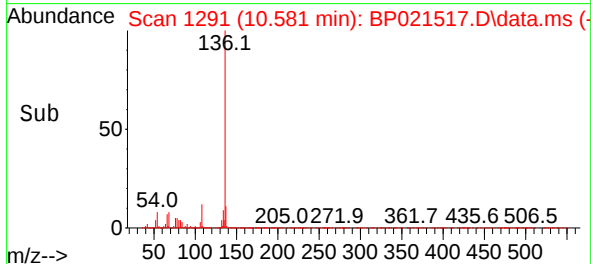
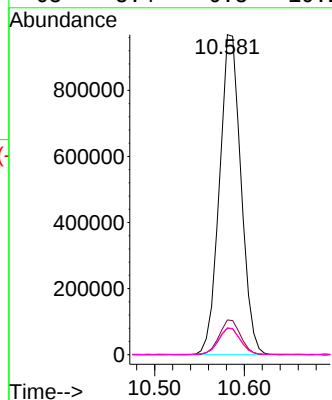
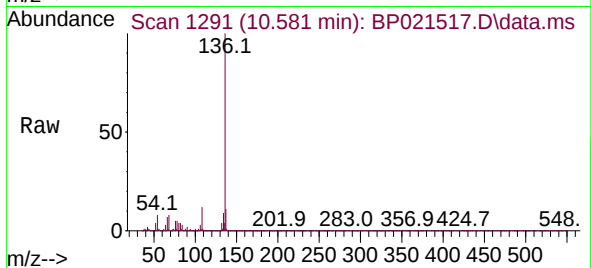




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

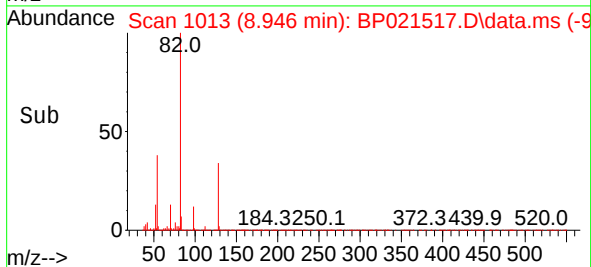
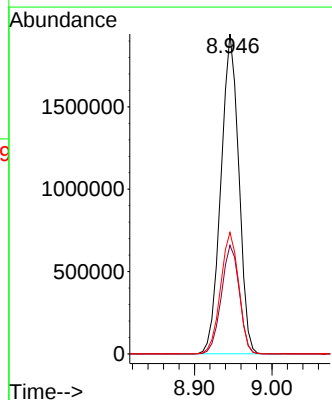
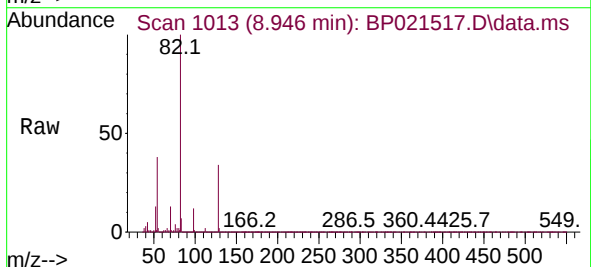
Instrument :
BNA_P
ClientSampleId :
EB-01-080924

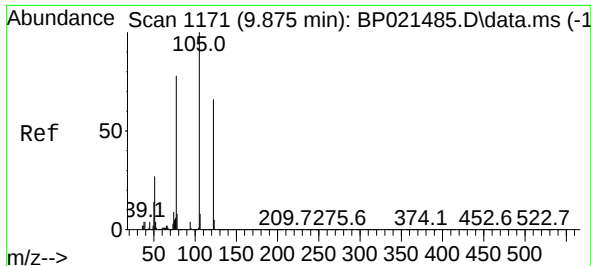
Tgt Ion:136 Resp: 1612741
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.3 6.3 9.5
68 8.4 6.8 10.2



#23
Nitrobenzene-d5
Concen: 99.672 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

Tgt Ion: 82 Resp: 3114311
Ion Ratio Lower Upper
82 100
128 33.9 26.5 39.7
54 38.0 30.3 45.5

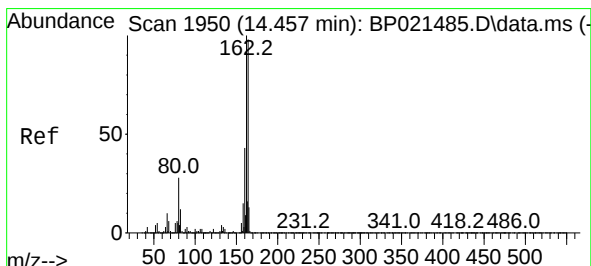
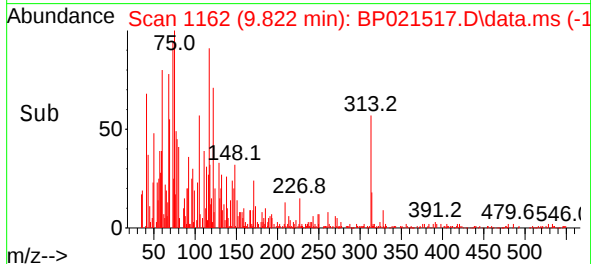
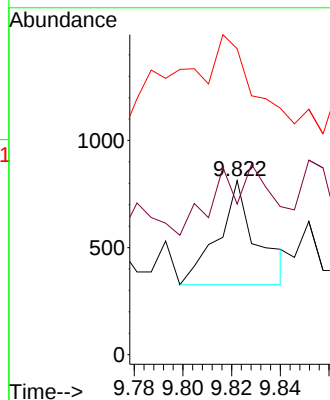
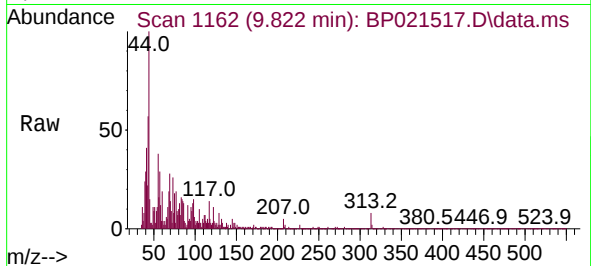




#32
Benzoic acid
Concen: 3.382 ng
RT: 9.822 min Scan# 1171
Delta R.T. -0.053 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

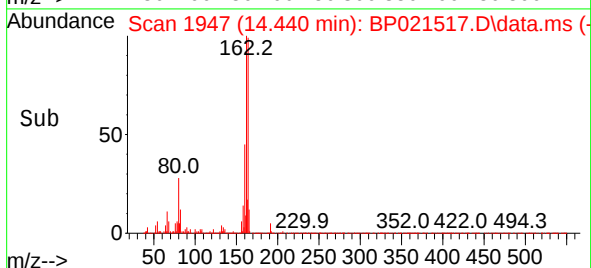
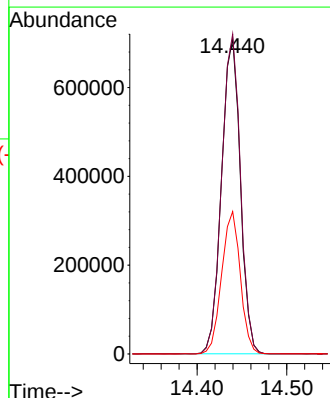
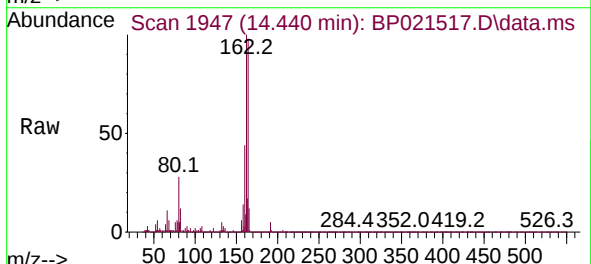
Instrument :
BNA_P
ClientSampleId :
EB-01-080924

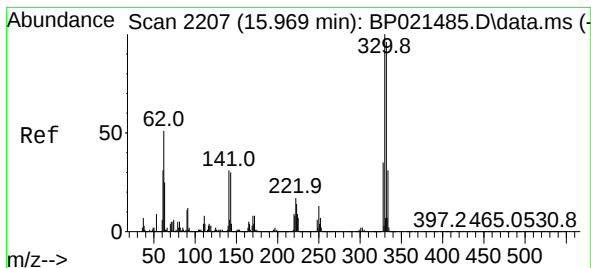
Tgt Ion:122 Resp: 535
Ion Ratio Lower Upper
122 100
105 86.5 124.6 164.6#
77 175.6 96.2 136.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

Tgt Ion:164 Resp: 1030572
Ion Ratio Lower Upper
164 100
162 101.5 81.5 122.3
160 45.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 129.629 ng

RT: 15.957 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

Instrument :

BNA_P

ClientSampleId :

EB-01-080924

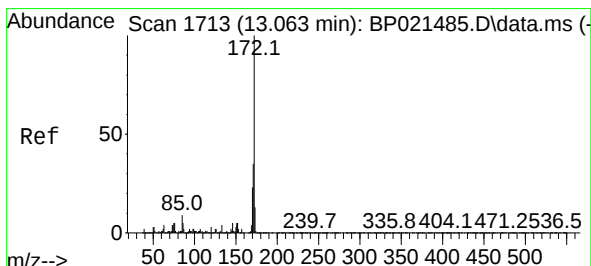
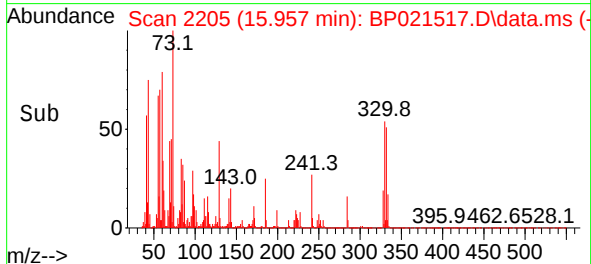
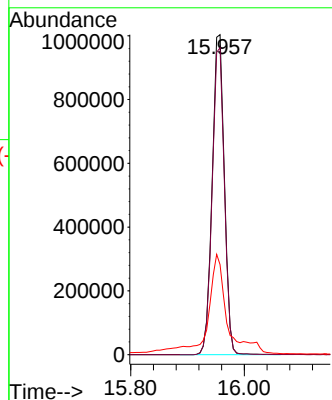
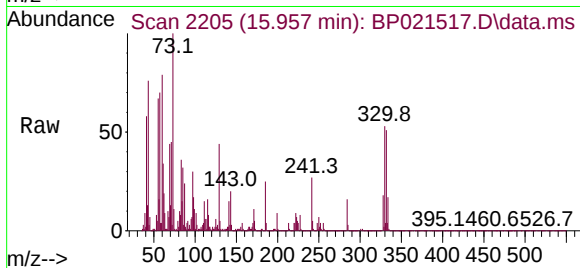
Tgt Ion:330 Resp: 1486826

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 44.0 24.5 36.7#



#45

2-Fluorobiphenyl

Concen: 80.980 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

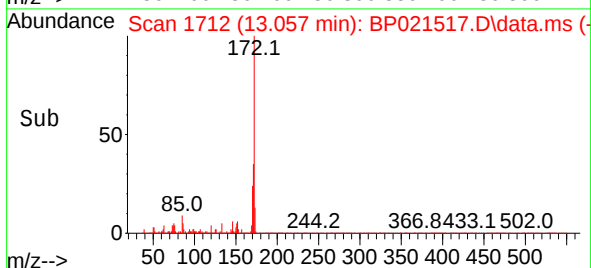
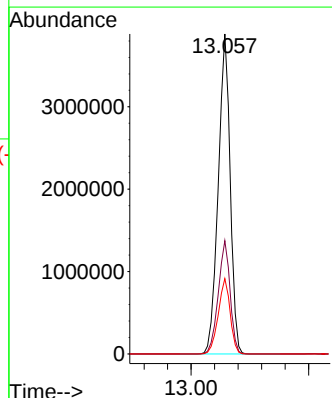
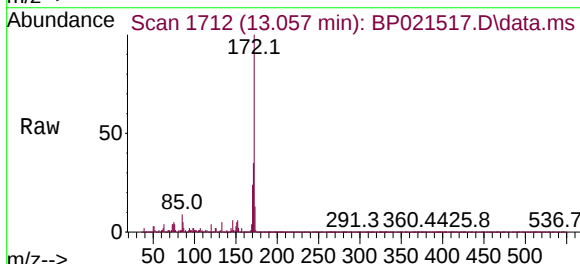
Tgt Ion:172 Resp: 5468377

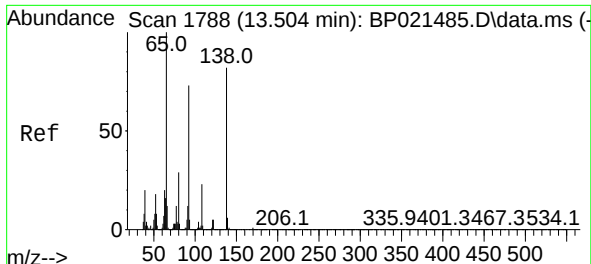
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.6 18.4 27.6

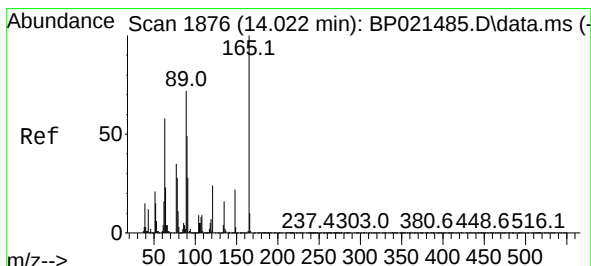
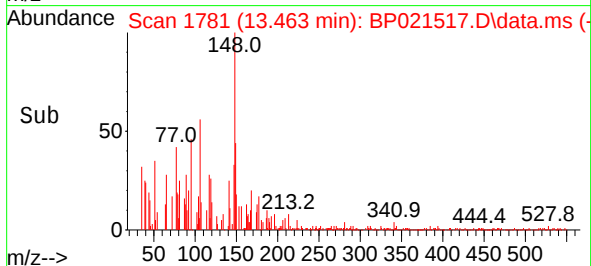
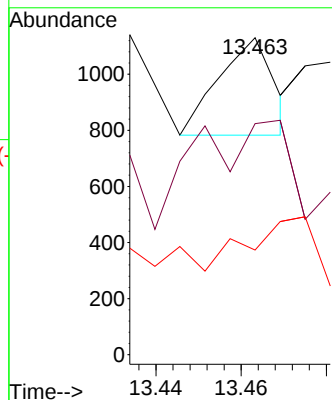
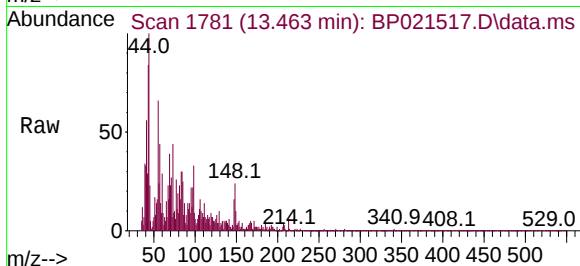




#48
2-Nitroaniline
Concen: 5.165 ng
RT: 13.463 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

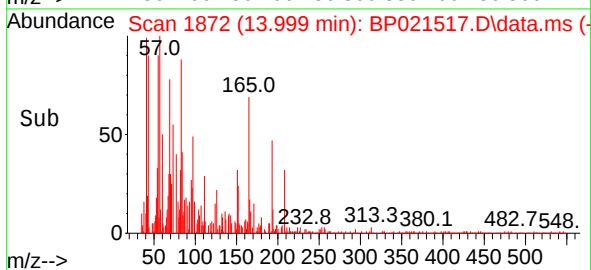
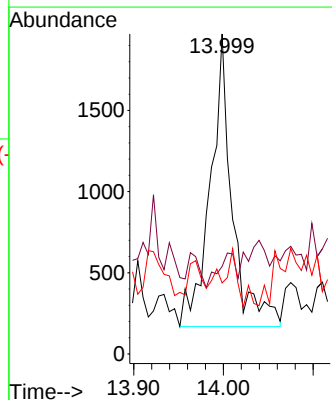
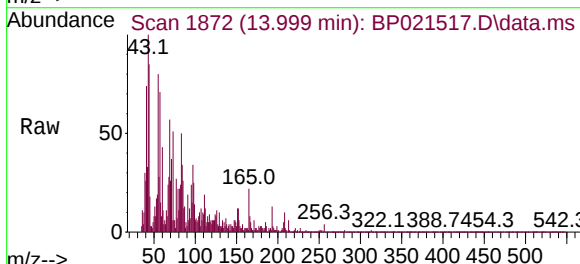
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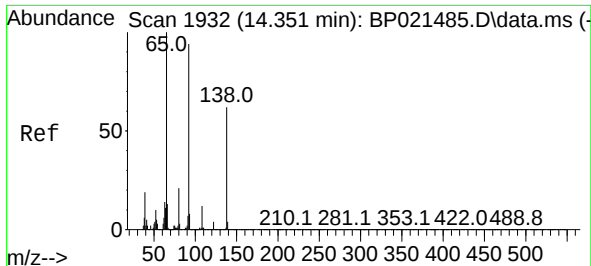
Tgt Ion: 65 Resp: 312
Ion Ratio Lower Upper
65 100
92 72.9 58.1 87.1
138 33.0 65.5 98.3#



#51
2,6-Dinitrotoluene
Concen: 4.187 ng
RT: 13.999 min Scan# 1872
Delta R.T. -0.023 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

Tgt Ion: 165 Resp: 3059
Ion Ratio Lower Upper
165 100
63 27.3 51.5 77.3#
89 22.2 57.8 86.8#

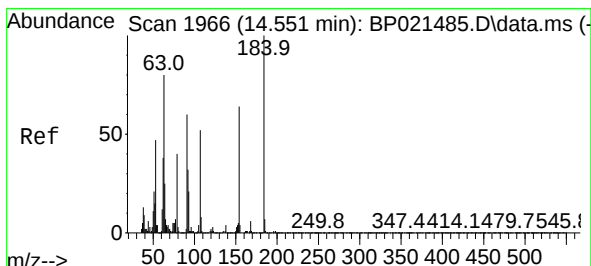
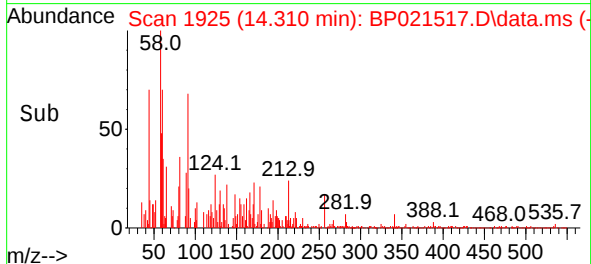
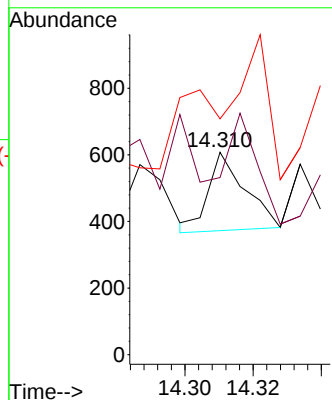
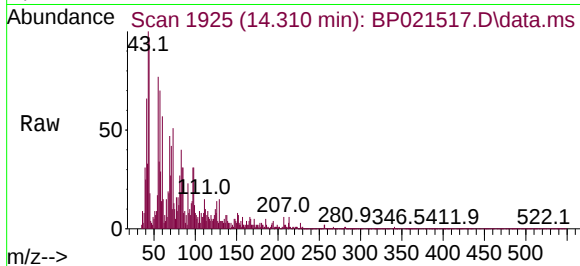




#53
3-Nitroaniline
Concen: 3.981 ng
RT: 14.310 min Scan# 1932
Delta R.T. -0.041 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

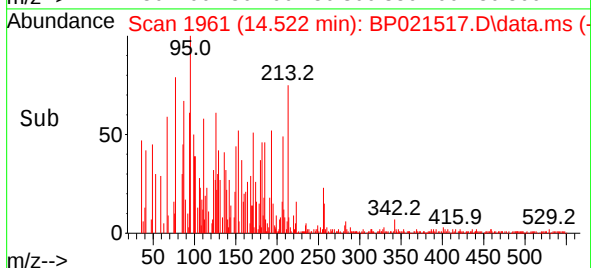
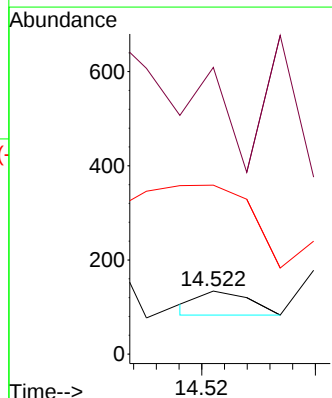
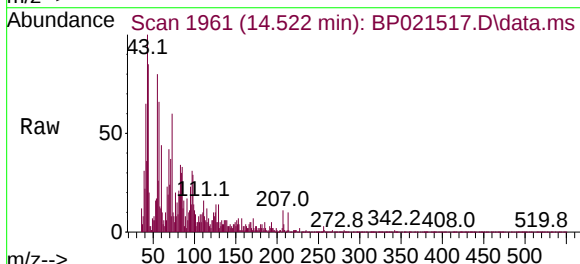
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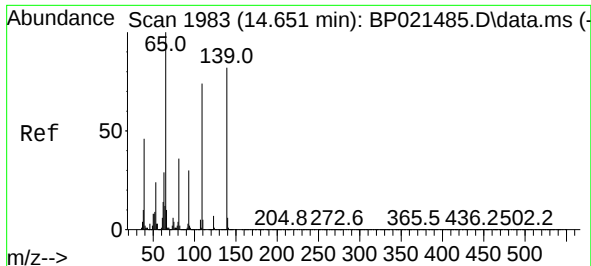
Tgt Ion:138 Resp: 176
Ion Ratio Lower Upper
138 100
108 87.5 16.2 24.4#
92 116.4 122.2 183.4#



#54
2,4-Dinitrophenol
Concen: 2.443 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.029 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 454.5 64.9 97.3#
154 267.9 52.1 78.1#





#56

4-Nitrophenol

Concen: 5.172 ng

RT: 14.834 min Scan# 2014

Delta R.T. 0.183 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

Instrument :

BNA_P

ClientSampleId :

EB-01-080924

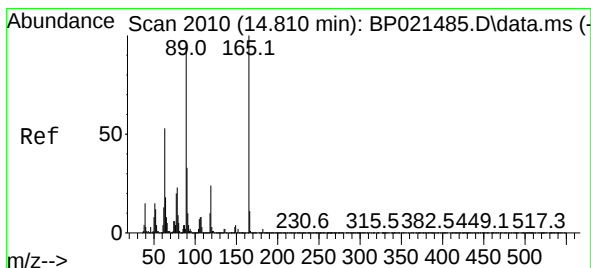
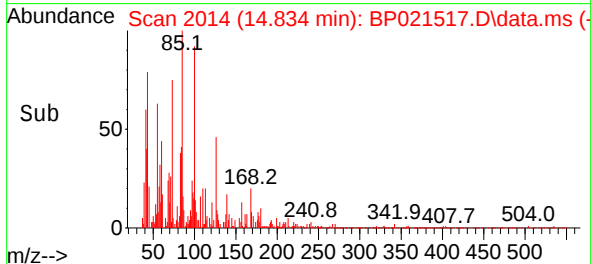
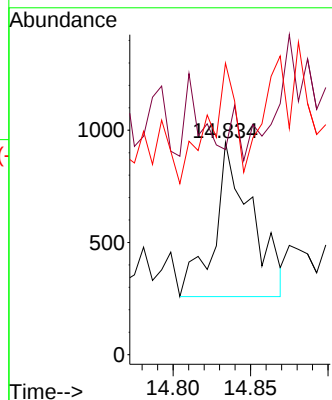
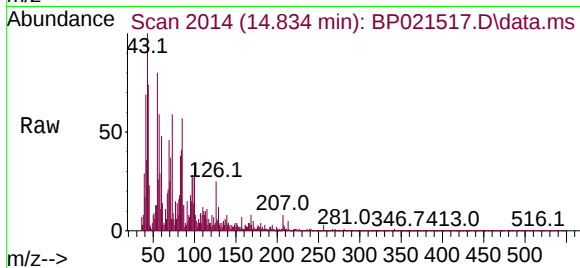
Tgt Ion:139 Resp: 1148

Ion Ratio Lower Upper

139 100

109 96.6 70.2 110.2

65 137.3 101.8 141.8



#57

2,4-Dinitrotoluene

Concen: 5.059 ng

RT: 14.787 min Scan# 2006

Delta R.T. -0.023 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

Tgt Ion:165 Resp: 719

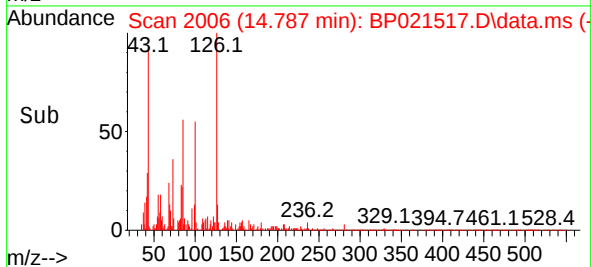
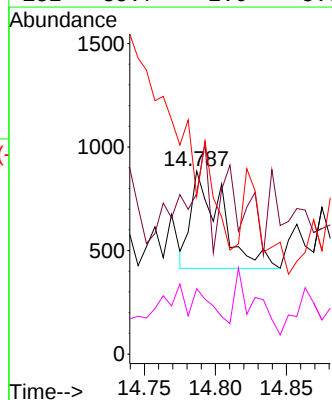
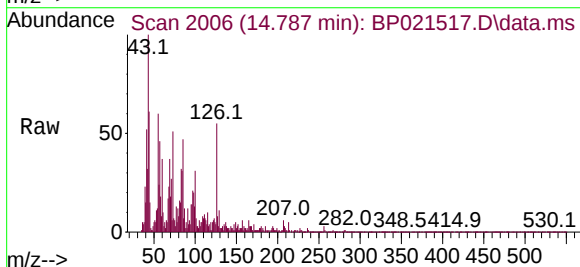
Ion Ratio Lower Upper

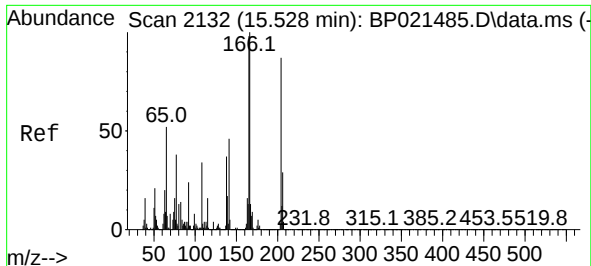
165 100

63 87.7 42.5 63.7#

89 86.1 77.1 115.7

182 35.7 2.0 3.0#





#62

4-Nitroaniline

Concen: 2.970 ng

RT: 15.657 min Scan# 2132

Delta R.T. 0.129 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

Instrument :

BNA_P

ClientSampleId :

EB-01-080924

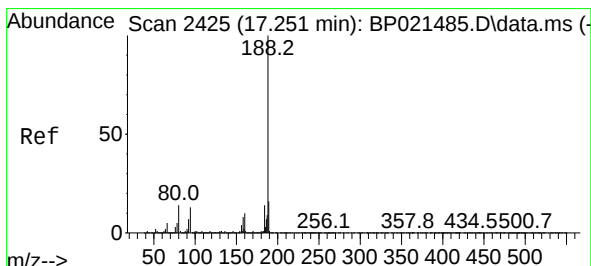
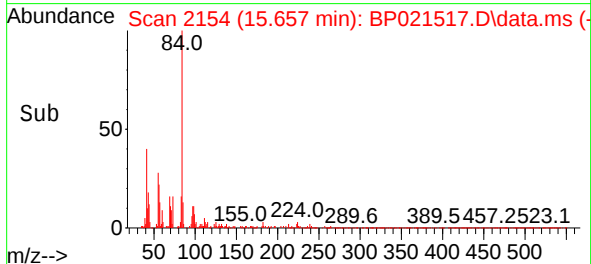
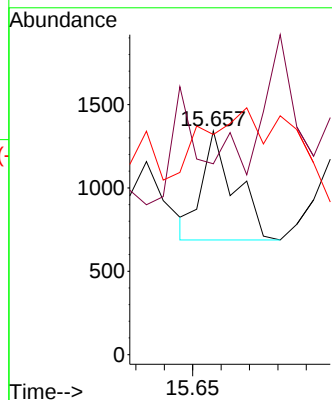
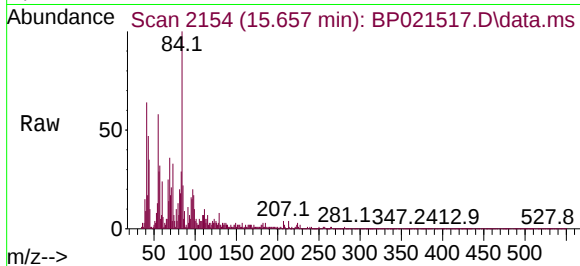
Tgt Ion:138 Resp: 522

Ion Ratio Lower Upper

138 100

92 85.4 46.4 86.4

108 98.4 73.2 113.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

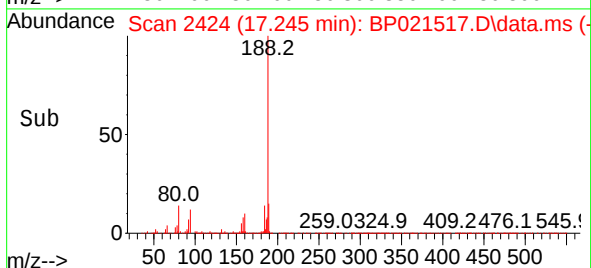
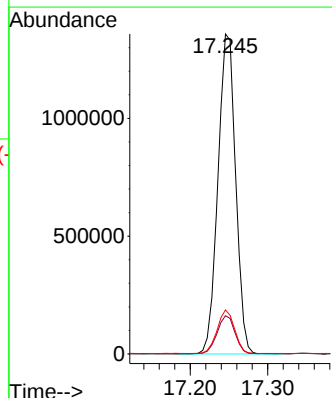
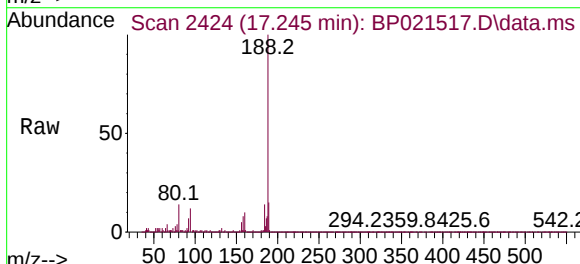
Tgt Ion:188 Resp: 2153279

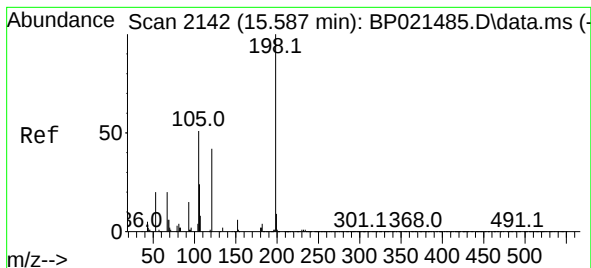
Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.4

80 13.7 11.6 17.4

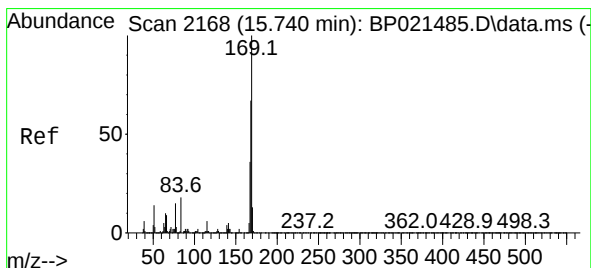
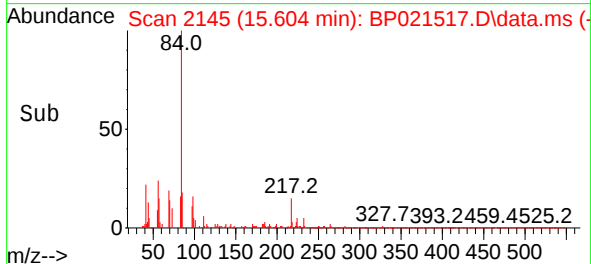
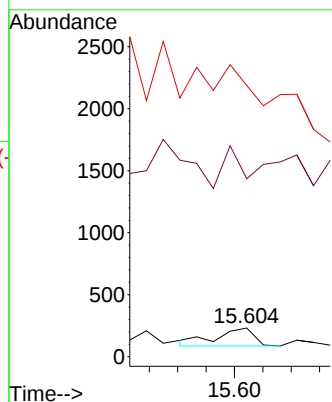
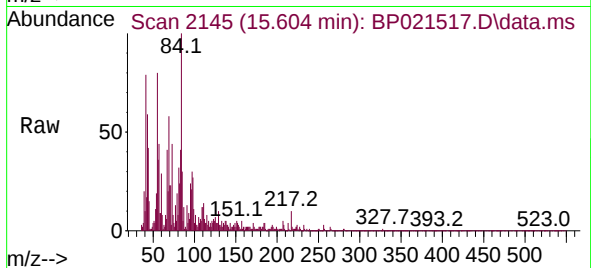




#65
4,6-Dinitro-2-methylphenol
Concen: 4.633 ng
RT: 15.604 min Scan# 2142
Delta R.T. 0.017 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

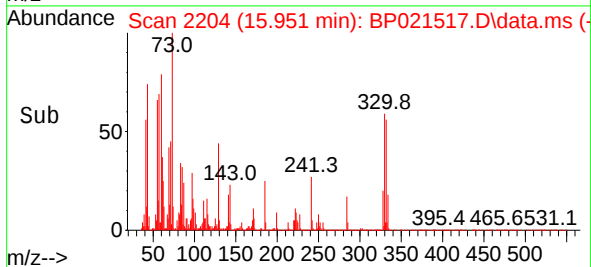
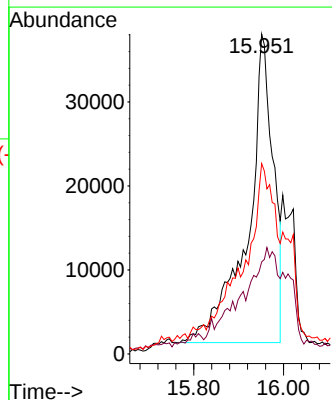
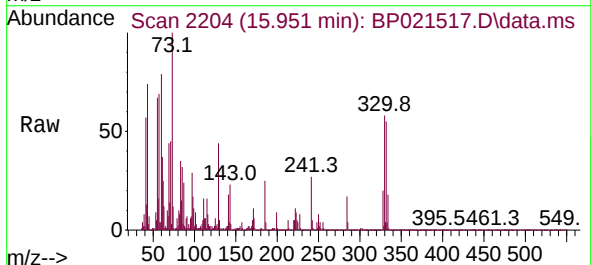
Instrument :
BNA_P
ClientSampleId :
EB-01-080924

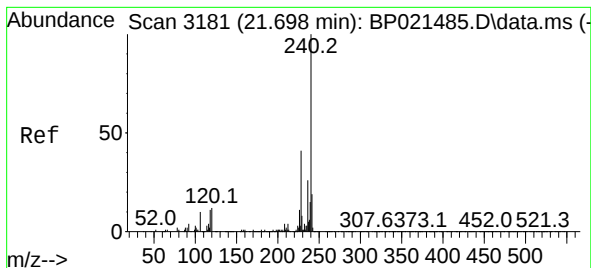
Tgt Ion:198 Resp: 134
Ion Ratio Lower Upper
198 100
51 621.2 21.5 61.5#
105 947.2 32.9 72.9#



#66
n-Nitrosodiphenylamine
Concen: 2.525 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.212 min
Lab File: BP021517.D
Acq: 15 Aug 2024 17:09

Tgt Ion:169 Resp: 145707
Ion Ratio Lower Upper
169 100
168 28.8 53.4 80.2#
167 59.5 28.7 43.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.692 min Scan# 3181

Delta R.T. -0.006 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

Instrument :

BNA_P

ClientSampleId :

EB-01-080924

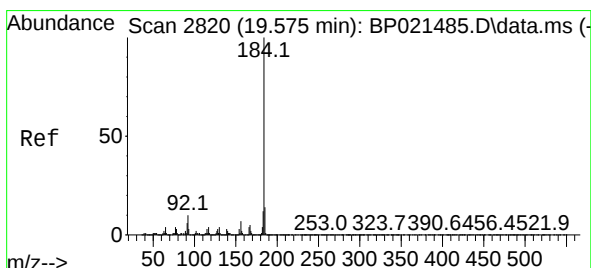
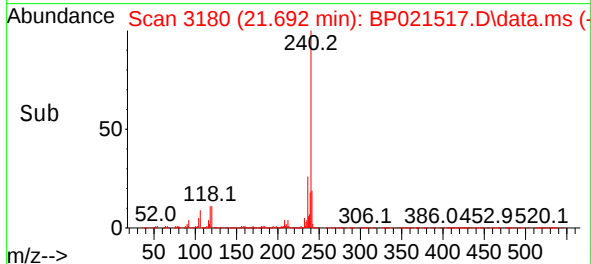
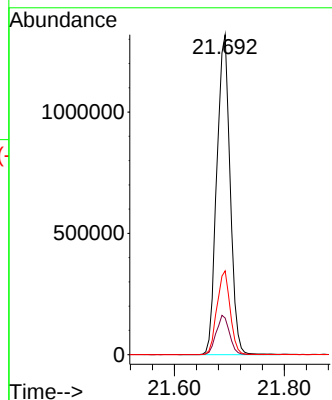
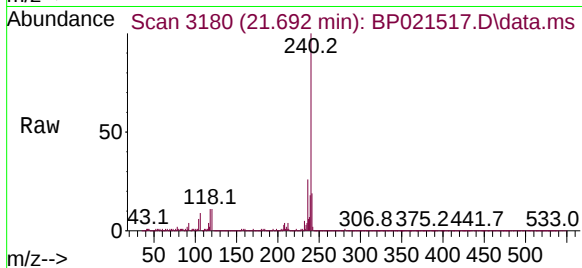
Tgt Ion:240 Resp: 2218864

Ion Ratio Lower Upper

240 100

120 11.5 9.9 14.9

236 26.2 20.6 30.8



#77

Benzidine

Concen: 4.637 ng

RT: 19.545 min Scan# 2815

Delta R.T. -0.030 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

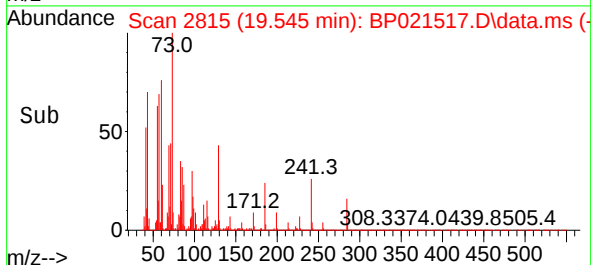
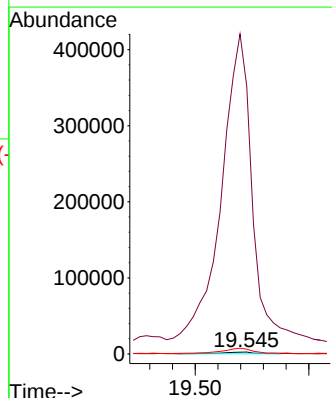
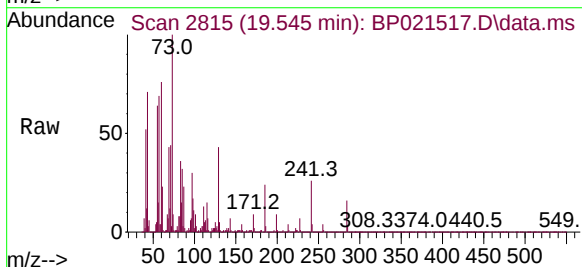
Tgt Ion:184 Resp: 4410

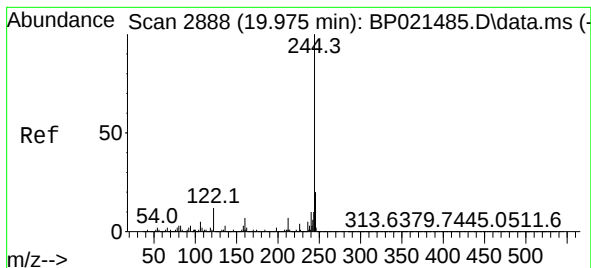
Ion Ratio Lower Upper

184 100

185 13807.6 11.4 17.0#

183 252.1 9.3 13.9#





#79

Terphenyl-d14

Concen: 96.636 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

Instrument :

BNA_P

ClientSampleId :

EB-01-080924

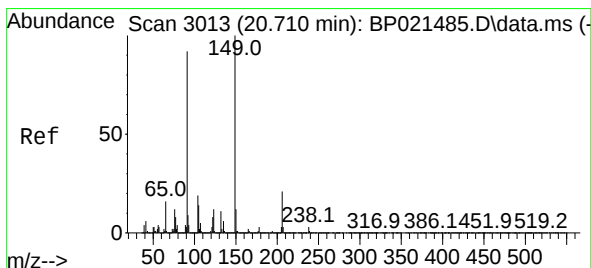
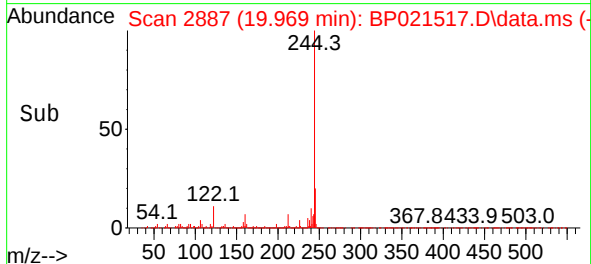
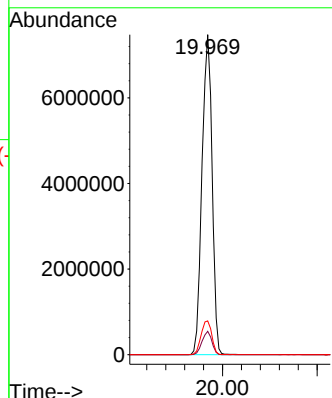
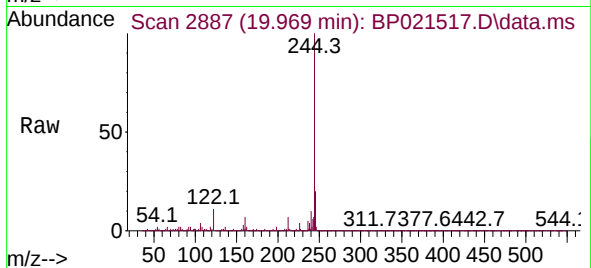
Tgt Ion:244 Resp:11037124

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.5 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.924 ng

RT: 20.698 min Scan# 3011

Delta R.T. -0.012 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

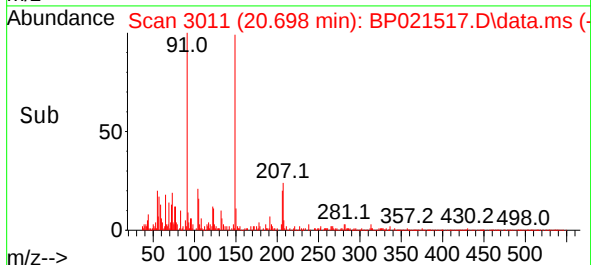
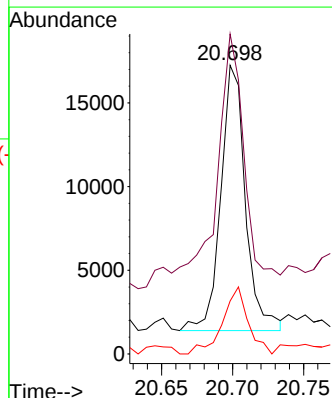
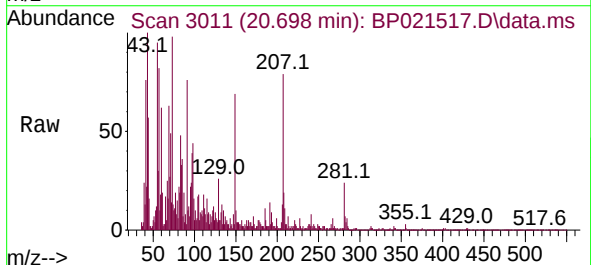
Tgt Ion:149 Resp: 19156

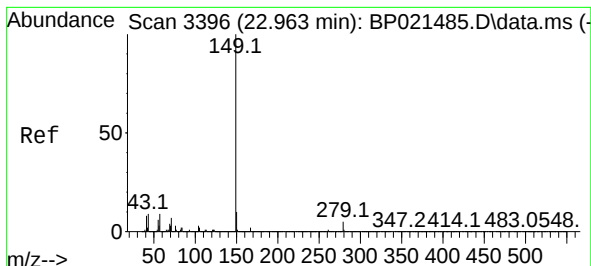
Ion Ratio Lower Upper

149 100

91 110.9 73.3 109.9#

206 18.3 17.1 25.7





#85

Di-n-octyl phthalate

Concen: 5.163 ng

RT: 22.927 min Scan# 31

Delta R.T. -0.036 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

Instrument :

BNA_P

ClientSampleId :

EB-01-080924

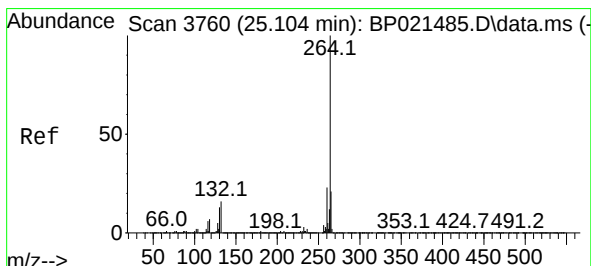
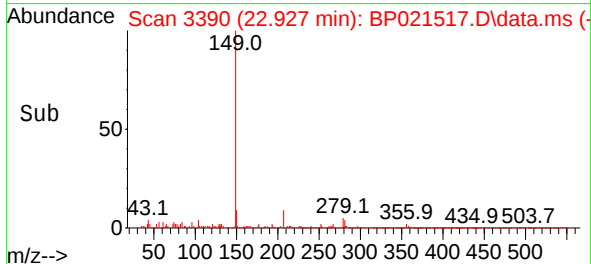
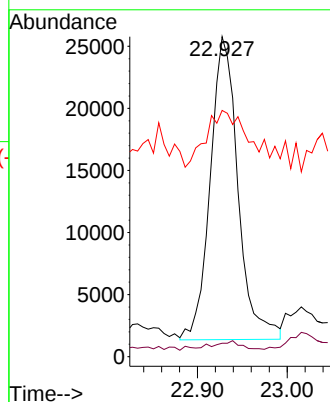
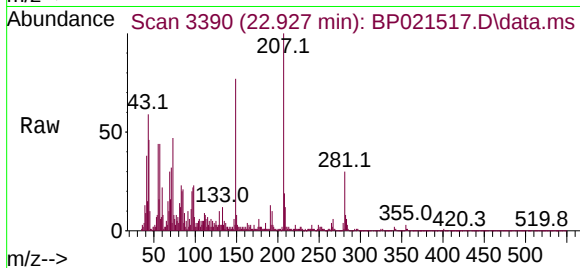
Tgt Ion:149 Resp: 52494

Ion Ratio Lower Upper

149 100

167 3.4 1.3 1.9#

43 27.7 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.080 min Scan# 3756

Delta R.T. -0.023 min

Lab File: BP021517.D

Acq: 15 Aug 2024 17:09

Tgt Ion:264 Resp: 2137805

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 21.3 17.1 25.7

