

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021521.D
 Acq On : 15 Aug 2024 20:03
 Operator : RC/JU
 Sample : P3582-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-2-2.5-081224

Quant Time: Aug 16 01:30:04 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)

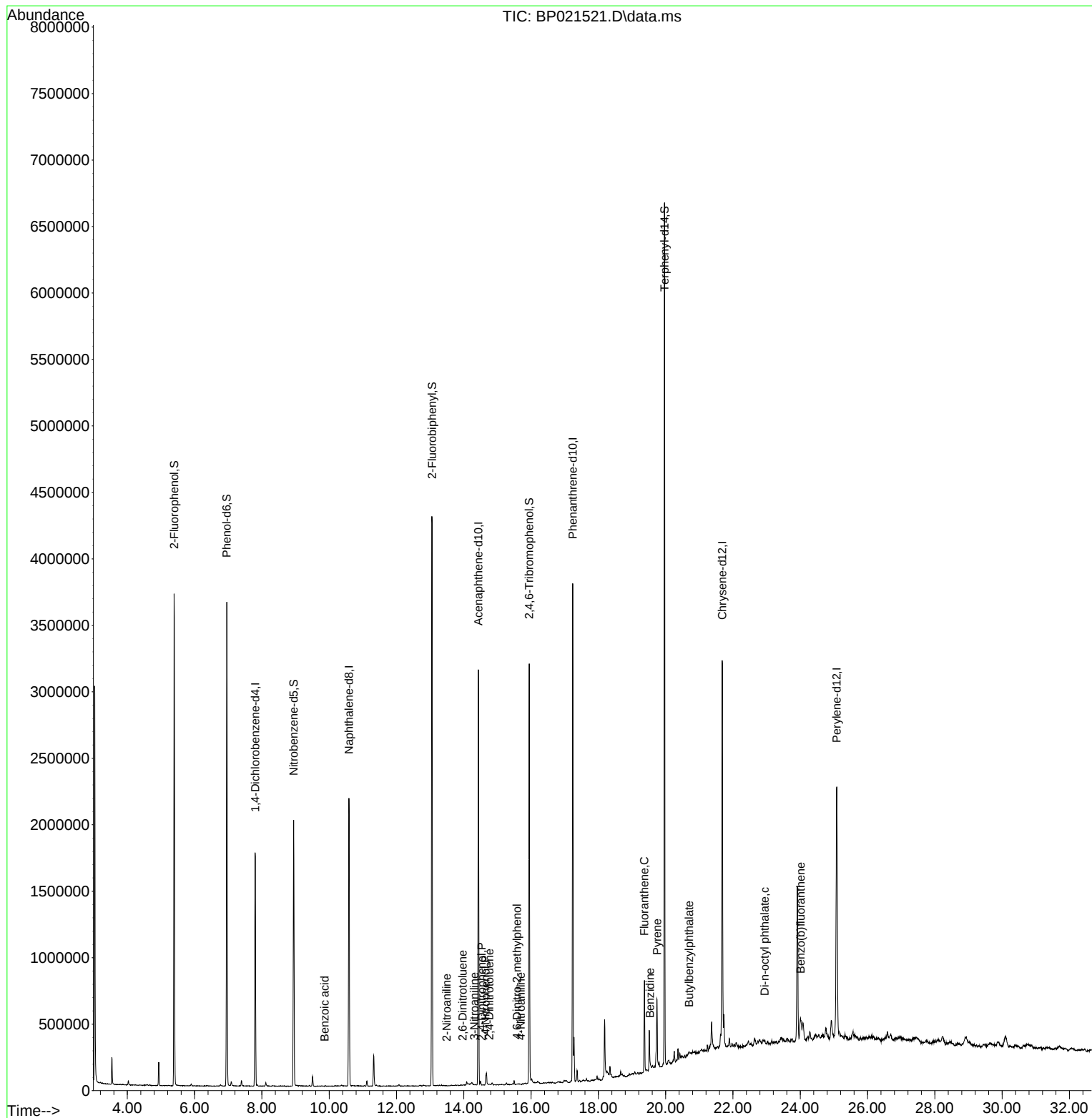
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	453384	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1736047	20.000	ng	-0.01
39) Acenaphthene-d10	14.433	164	1029408	20.000	ng	-0.02
64) Phenanthrene-d10	17.239	188	2067651	20.000	ng	-0.01
76) Chrysene-d12	21.686	240	1602932	20.000	ng	-0.01
86) Perylene-d12	25.086	264	1836958	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1617370	52.970	ng	0.00
7) Phenol-d6	6.957	99	2229498	50.054	ng	0.00
23) Nitrobenzene-d5	8.945	82	1269981	37.758	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	598899	52.274	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	2223844	32.970	ng	0.00
79) Terphenyl-d14	19.968	244	3095498	37.517	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.704	139	15	Below Cal	#	1
32) Benzoic acid	9.869	122	278	3.349 ng	#	21
48) 2-Nitroaniline	13.492	65	119	5.154 ng	#	49
51) 2,6-Dinitrotoluene	13.969	165	143	3.995 ng	#	75
53) 3-Nitroaniline	14.316	138	174	3.981 ng	#	46
54) 2,4-Dinitrophenol	14.533	184	14	2.436 ng	#	1
56) 4-Nitrophenol	14.645	139	263	5.100 ng	#	1
57) 2,4-Dinitrotoluene	14.763	165	168	5.031 ng	#	57
62) 4-Nitroaniline	15.698	138	177	2.947 ng	#	85
65) 4,6-Dinitro-2-methylph...	15.580	198	7	4.607 ng	#	1
75) Fluoranthene	19.368	202	399919	3.278 ng		99
77) Benzidine	19.539	184	338	4.579 ng	#	1
78) Pyrene	19.745	202	332060	3.169 ng		99
80) Butylbenzylphthalate	20.698	149	6811	3.761 ng	#	78
85) Di-n-octyl phthalate	22.945	149	18706	4.997 ng	#	93
88) Benzo(b)fluoranthene	24.009	252	225420	2.137 ng	#	96

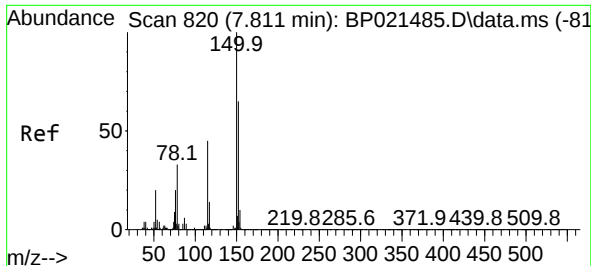
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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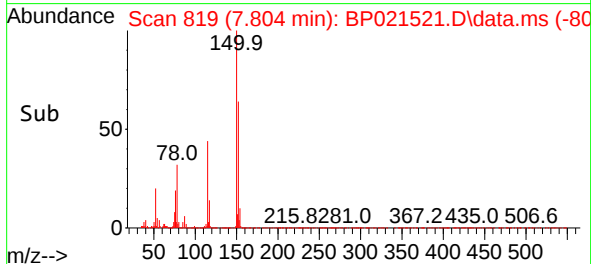
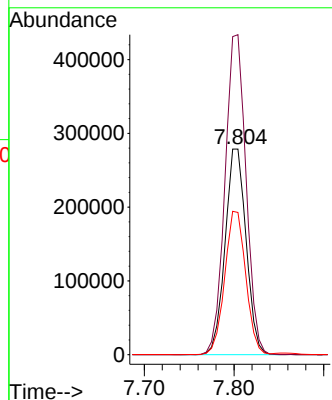
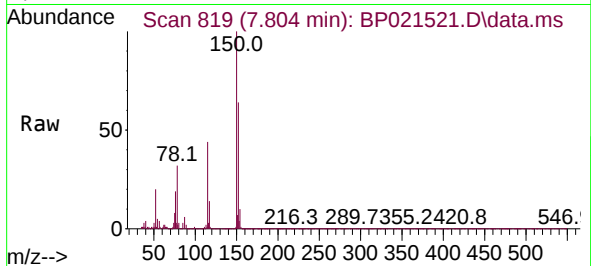




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.007 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

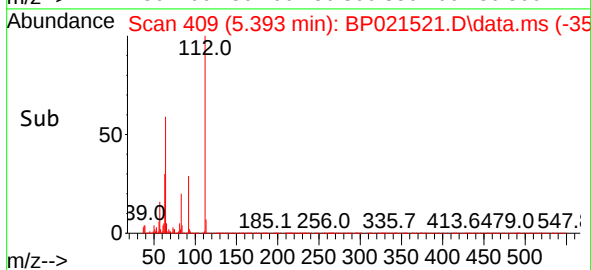
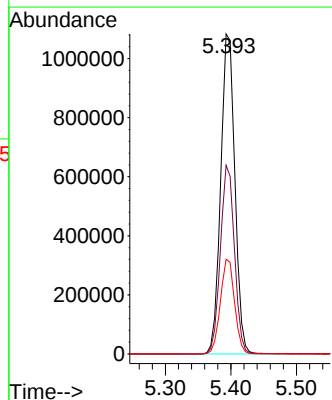
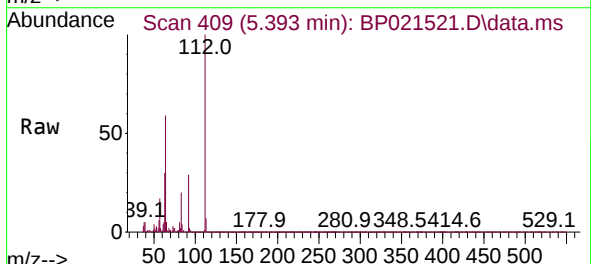
Instrument :
BNA_P
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S-855-J-SO-2-2.5-081224

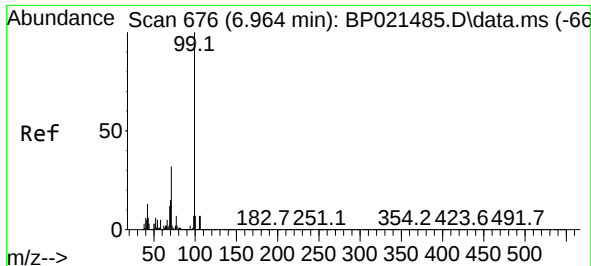
Tgt Ion:152 Resp: 453384
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 69.2 54.7 82.1



#5
2-Fluorophenol
Concen: 52.970 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:112 Resp: 1617370
Ion Ratio Lower Upper
112 100
64 59.0 49.0 73.6
63 29.6 24.6 36.8

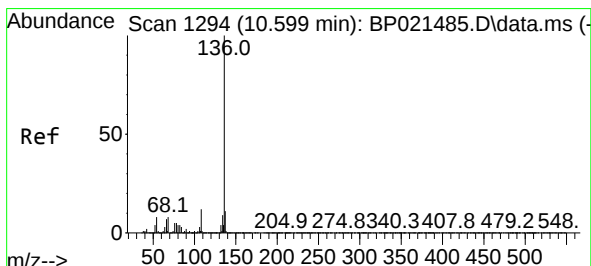
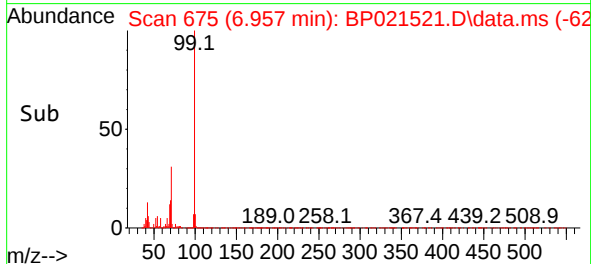
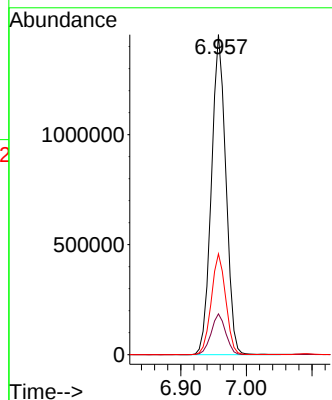
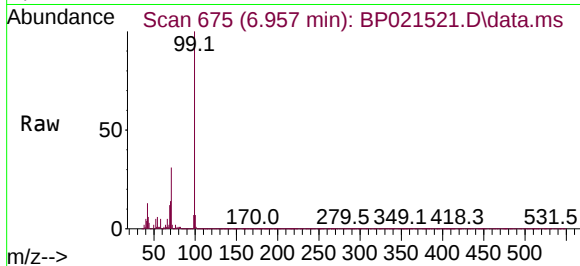




#7
Phenol-d6
Concen: 50.054 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

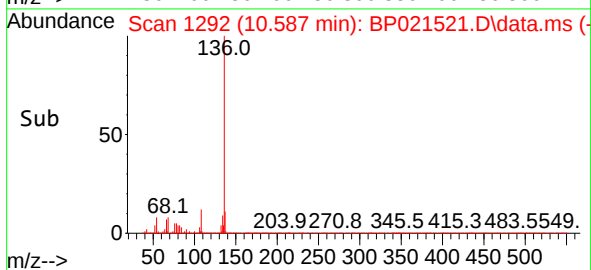
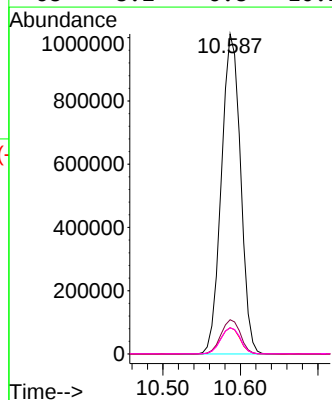
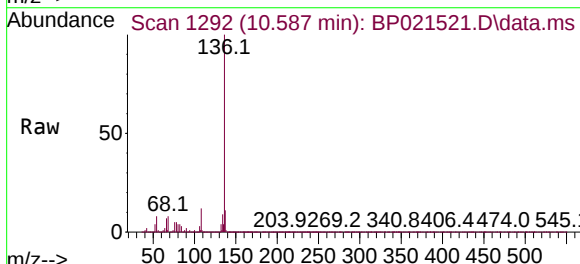
Instrument :
BNA_P
ClientSampleId :
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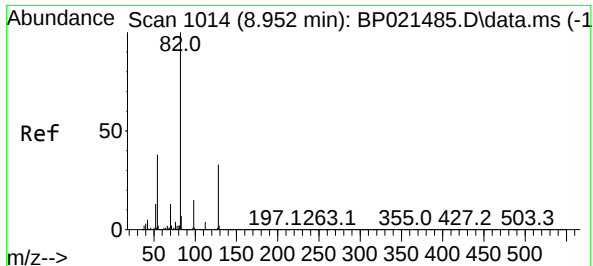
Tgt Ion: 99 Resp: 2229498
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 136 Resp: 1736047
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 6.3 9.5
68 8.2 6.8 10.2

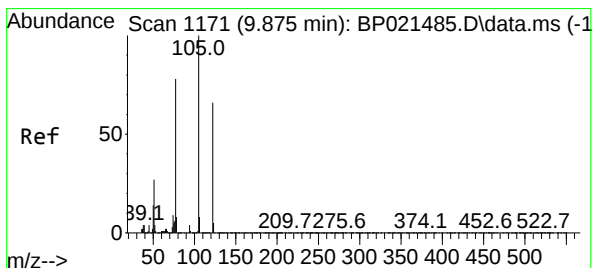
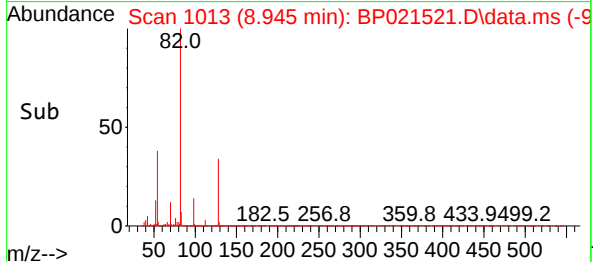
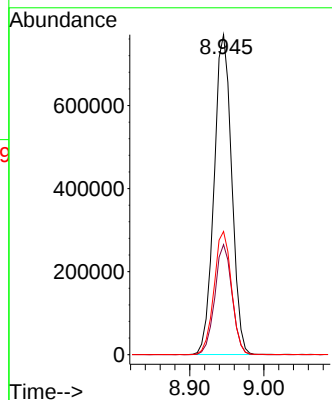
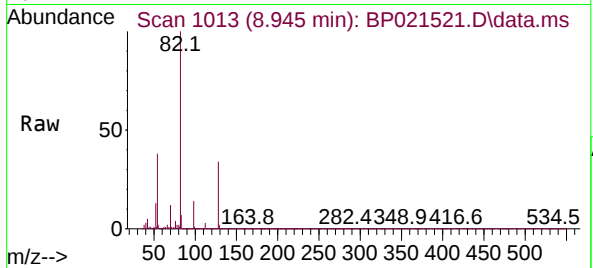




#23
Nitrobenzene-d5
Concen: 37.758 ng
RT: 8.945 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

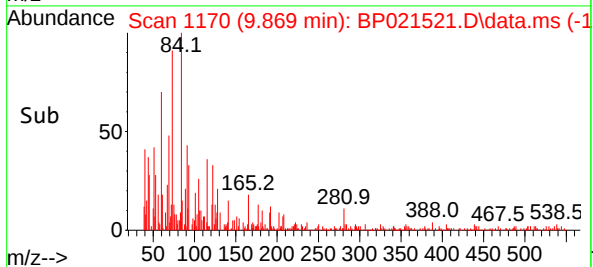
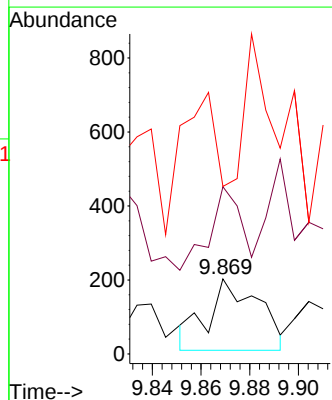
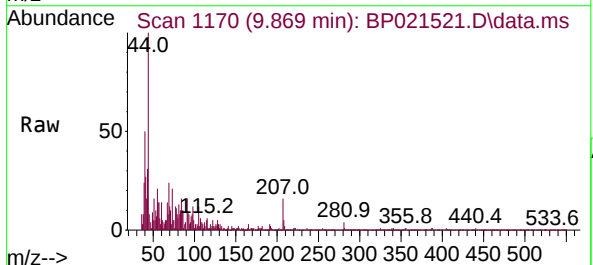
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-2-2.5-081224

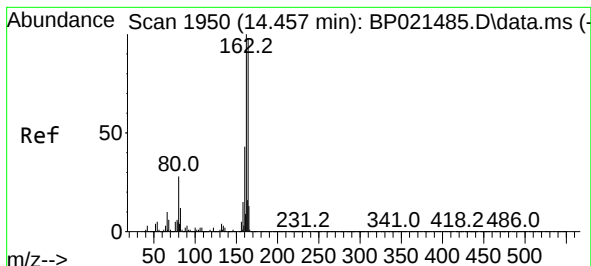
Tgt Ion: 82 Resp: 1269981
Ion Ratio Lower Upper
82 100
128 34.4 26.5 39.7
54 38.5 30.3 45.5



#32
Benzoic acid
Concen: 3.349 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:122 Resp: 278
Ion Ratio Lower Upper
122 100
105 222.7 124.6 164.6#
77 223.2 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

Delta R.T. -0.024 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224

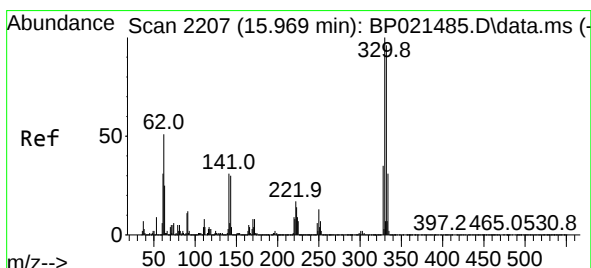
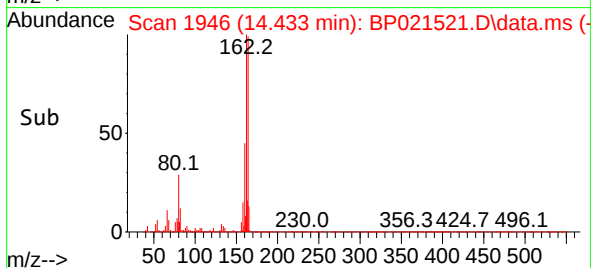
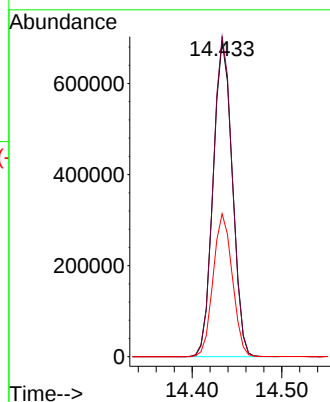
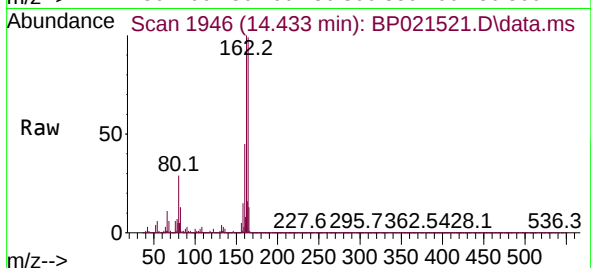
Tgt Ion:164 Resp: 1029408

Ion Ratio Lower Upper

164 100

162 101.3 81.5 122.3

160 45.2 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 52.274 ng

RT: 15.945 min Scan# 2203

Delta R.T. -0.024 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

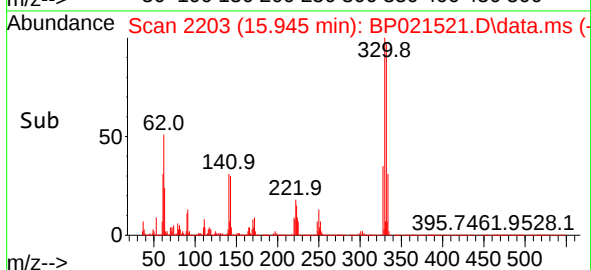
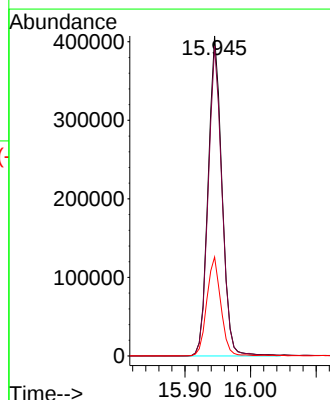
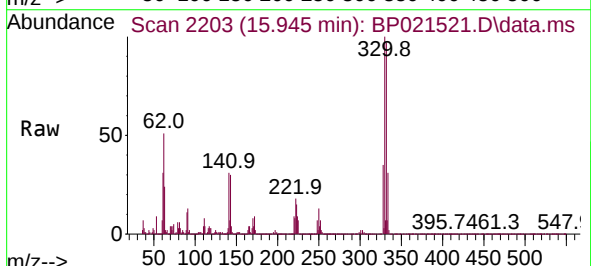
Tgt Ion:330 Resp: 598899

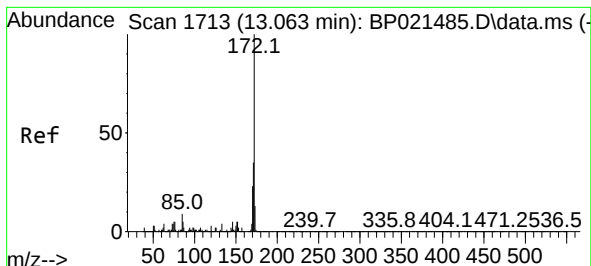
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 31.1 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 32.970 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

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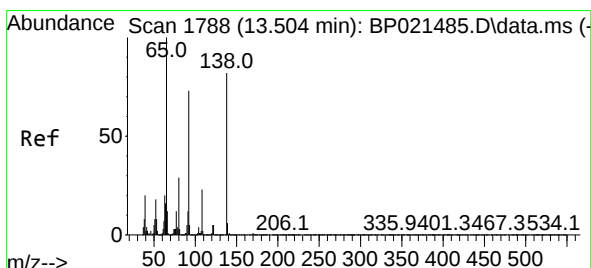
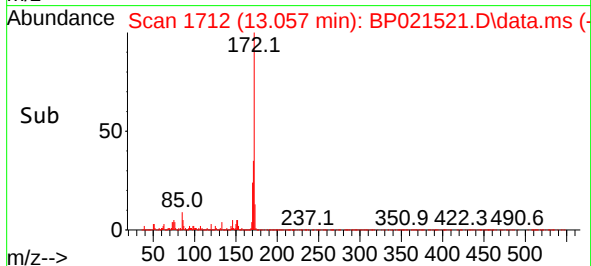
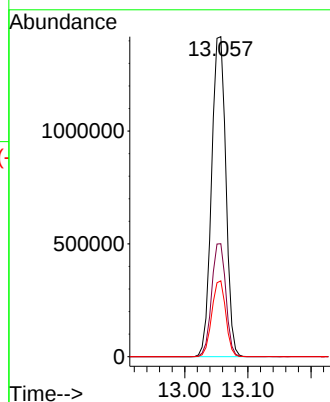
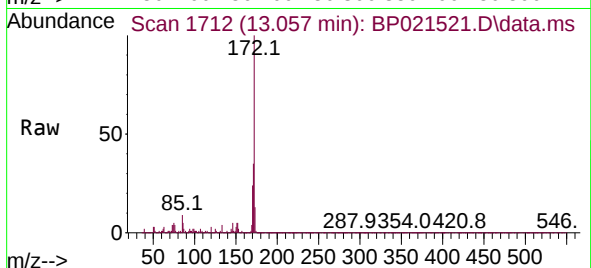
Tgt Ion:172 Resp: 2223844

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.7 18.4 27.6



#48

2-Nitroaniline

Concen: 5.154 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.012 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

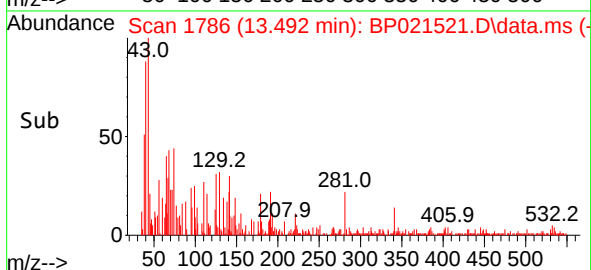
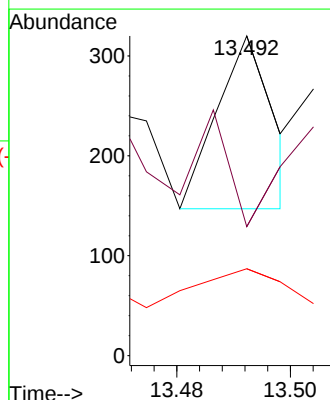
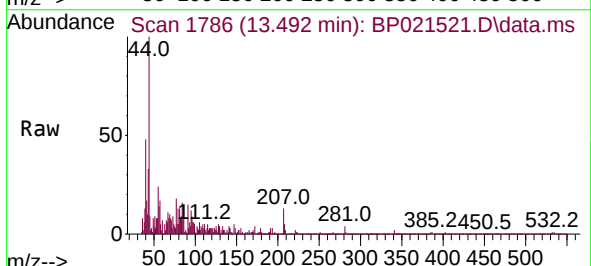
Tgt Ion: 65 Resp: 119

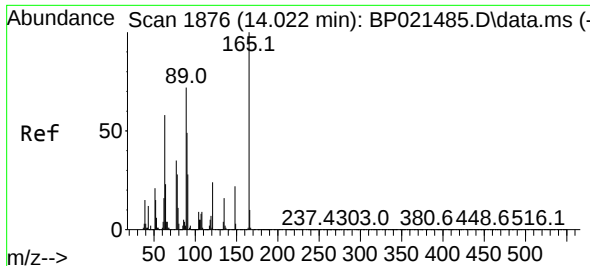
Ion Ratio Lower Upper

65 100

92 40.3 58.1 87.1#

138 27.2 65.5 98.3#

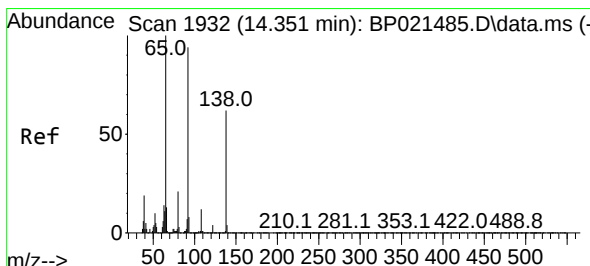
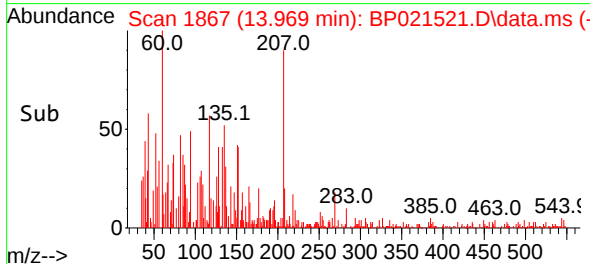
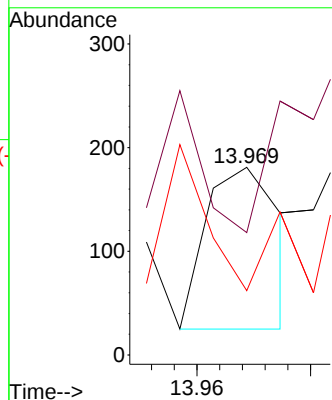
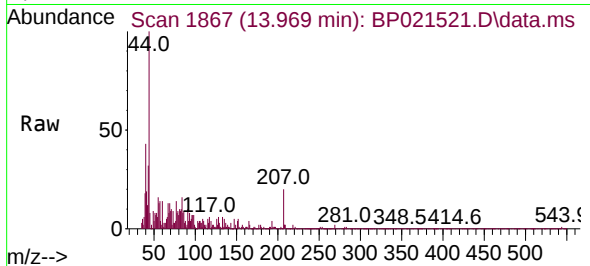




#51
2,6-Dinitrotoluene
Concen: 3.995 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.053 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

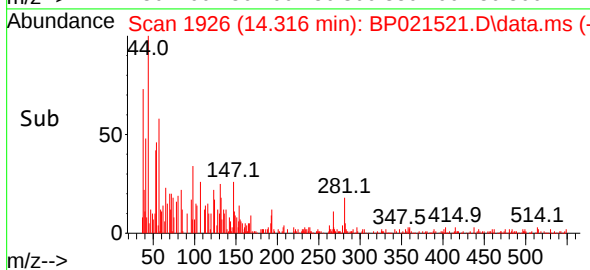
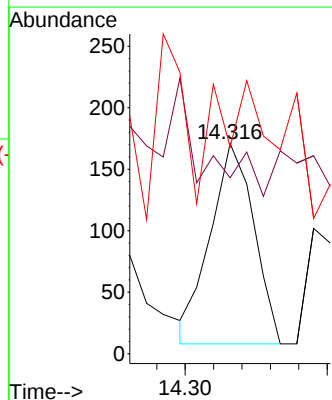
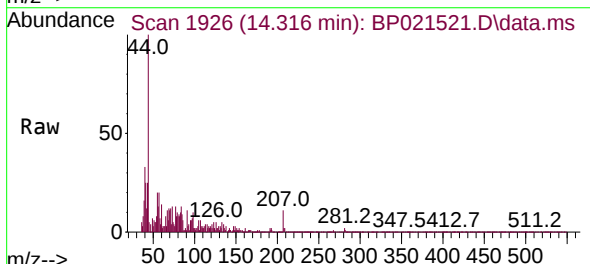
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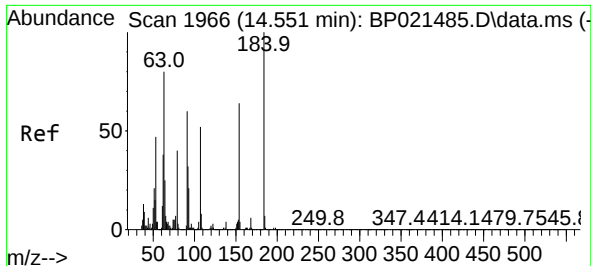
Tgt Ion:165 Resp: 143
Ion Ratio Lower Upper
165 100
63 65.2 51.5 77.3
89 34.3 57.8 86.8#



#53
3-Nitroaniline
Concen: 3.981 ng
RT: 14.316 min Scan# 1926
Delta R.T. -0.035 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:138 Resp: 174
Ion Ratio Lower Upper
138 100
108 83.6 16.2 24.4#
92 98.2 122.2 183.4#

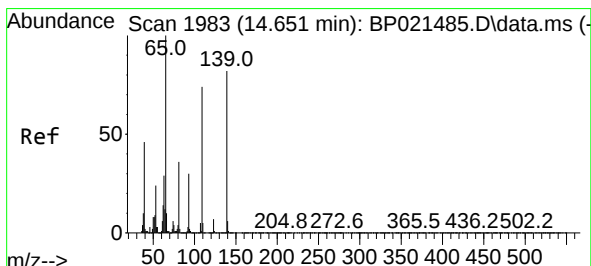
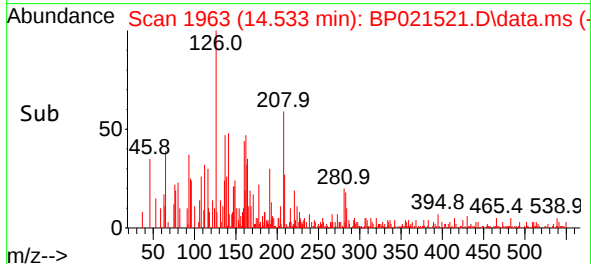
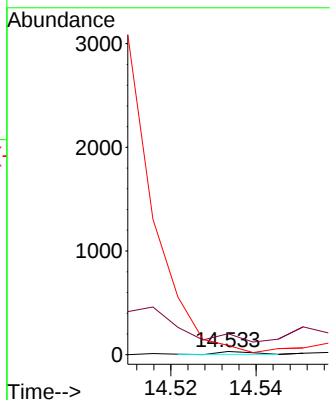
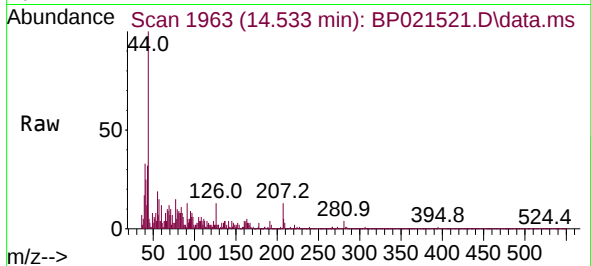




#54
2,4-Dinitrophenol
Concen: 2.436 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.018 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

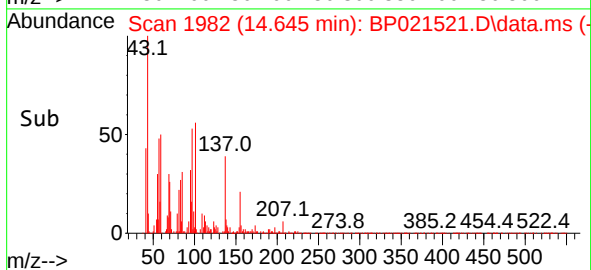
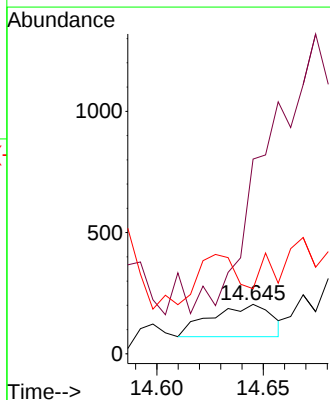
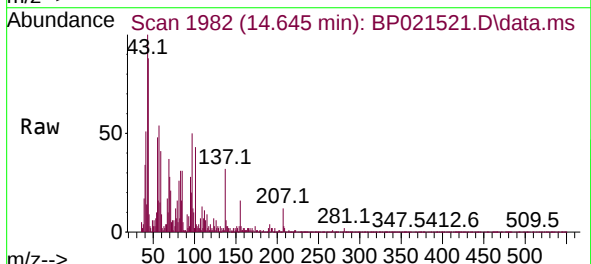
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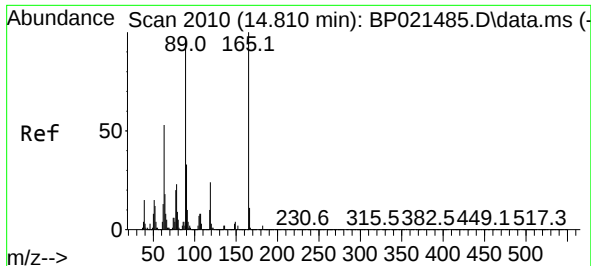
Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 673.3 64.9 97.3#
154 296.7 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.100 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:139 Resp: 263
Ion Ratio Lower Upper
139 100
109 393.6 70.2 110.2#
65 131.9 101.8 141.8

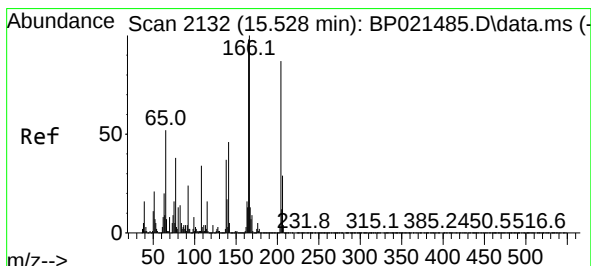
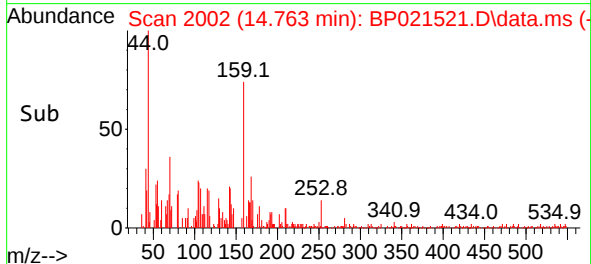
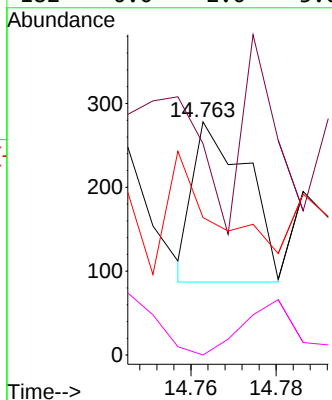
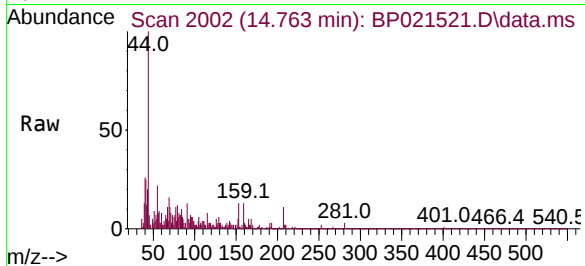




#57
2,4-Dinitrotoluene
Concen: 5.031 ng
RT: 14.763 min Scan# 20
Delta R.T. -0.047 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

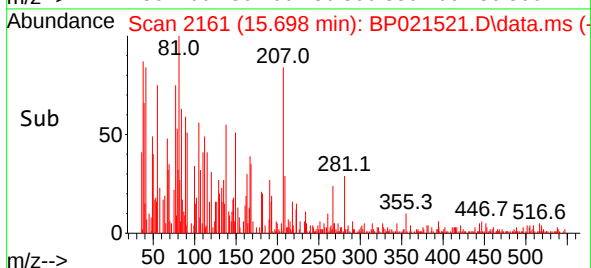
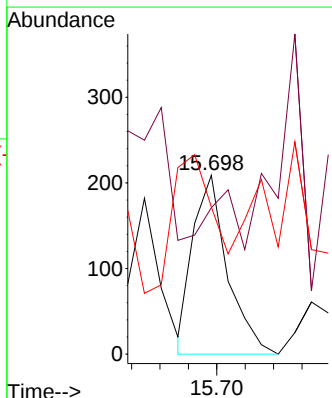
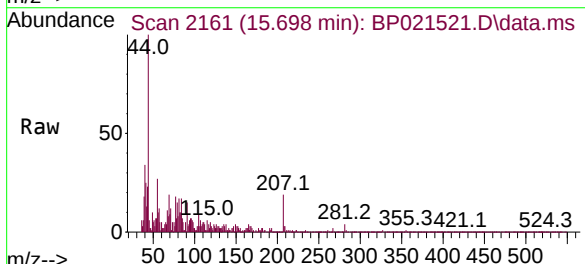
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-2-2.5-081224

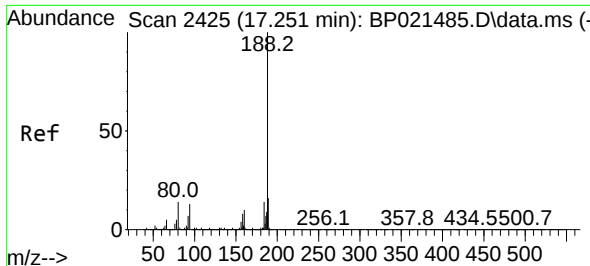
Tgt Ion:165 Resp: 168
Ion Ratio Lower Upper
165 100
63 90.6 42.5 63.7#
89 59.0 77.1 115.7#
182 0.0 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.947 ng
RT: 15.698 min Scan# 2161
Delta R.T. 0.170 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:138 Resp: 177
Ion Ratio Lower Upper
138 100
92 81.8 46.4 86.4
108 82.3 73.2 113.2

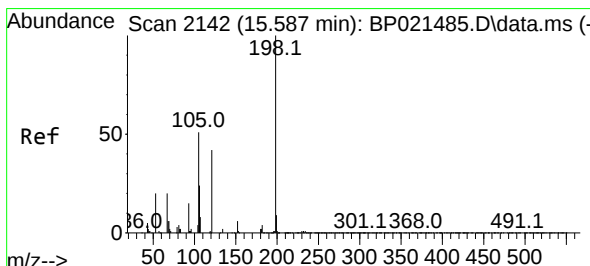
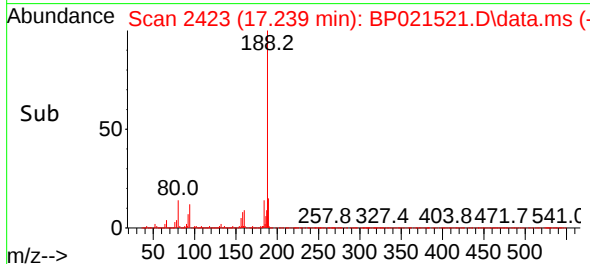
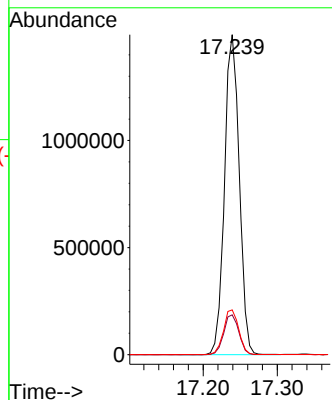
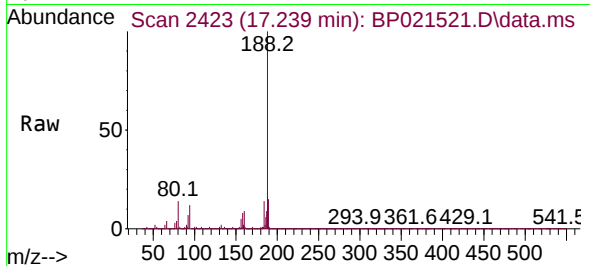




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

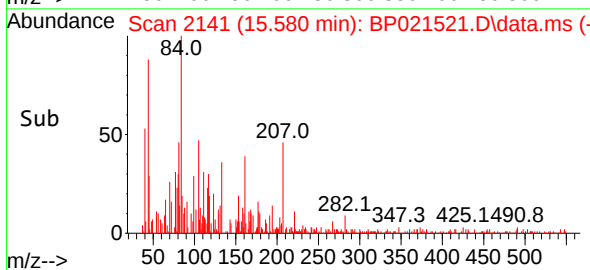
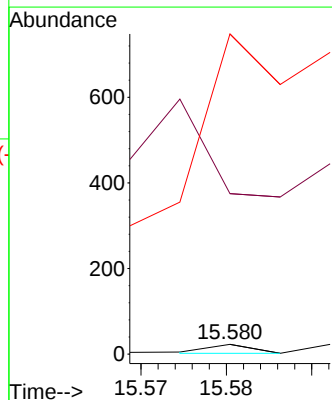
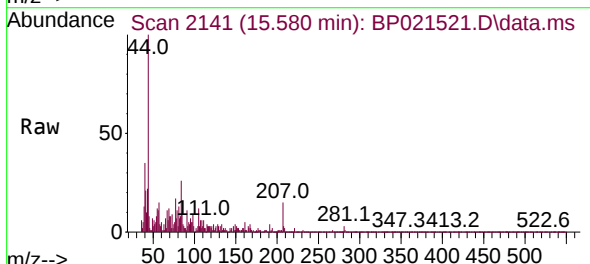
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-2-2.5-081224

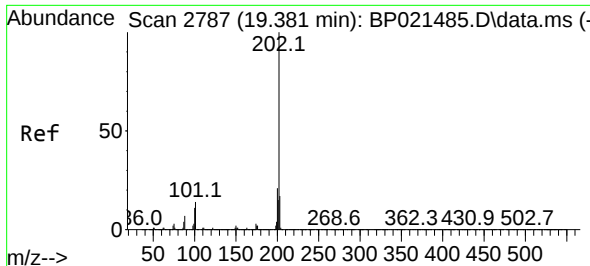
Tgt Ion:188 Resp: 2067651
Ion Ratio Lower Upper
188 100
94 12.4 10.2 15.4
80 14.0 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.607 ng
RT: 15.580 min Scan# 2141
Delta R.T. -0.007 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 1630.4 21.5 61.5#
105 3252.2 32.9 72.9#

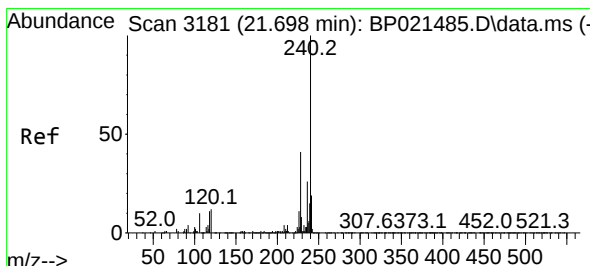
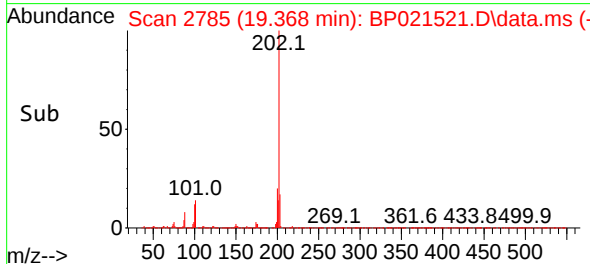
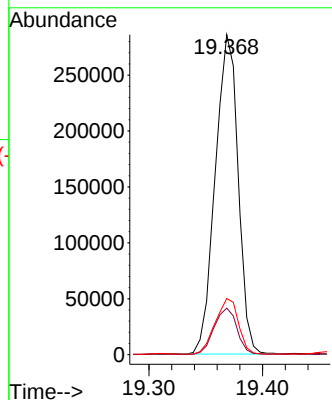
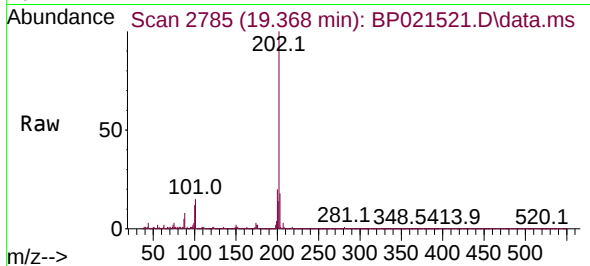




#75
Fluoranthene
Concen: 3.278 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

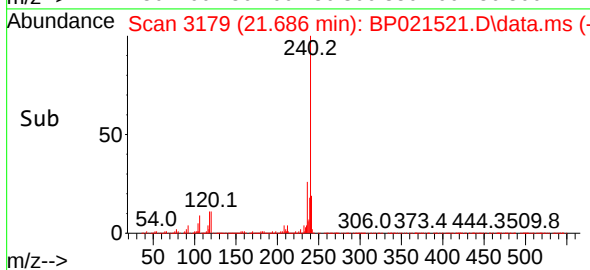
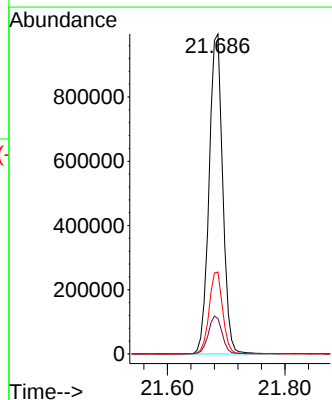
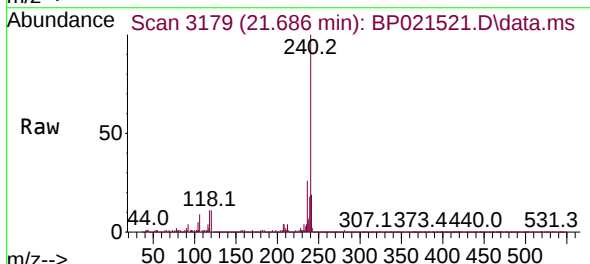
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-2-2.5-081224

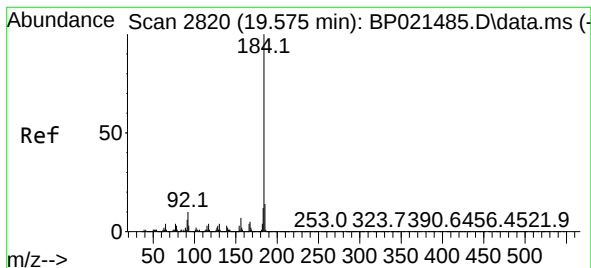
Tgt Ion:202 Resp: 399919
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.0
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.686 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:240 Resp: 1602932
Ion Ratio Lower Upper
240 100
120 11.1 9.9 14.9
236 25.6 20.6 30.8





#77

Benzidine

Concen: 4.579 ng

RT: 19.539 min Scan# 2814

Delta R.T. -0.036 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224

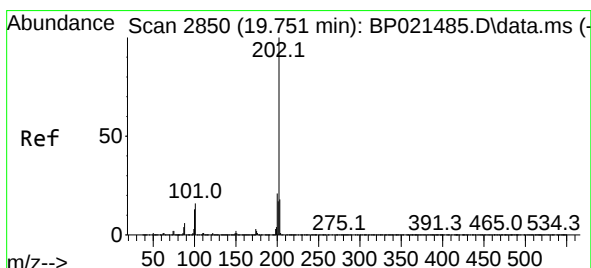
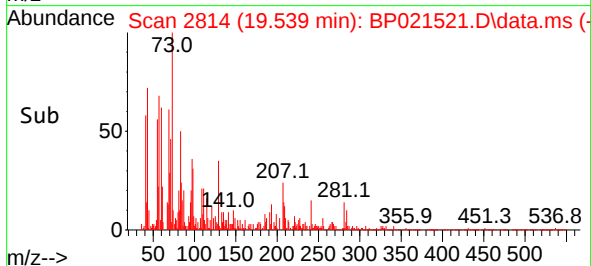
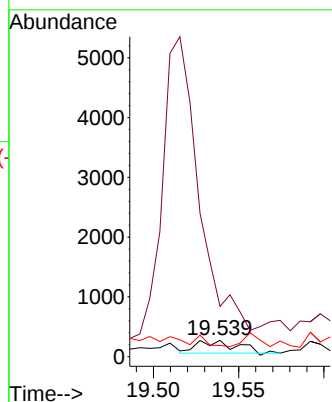
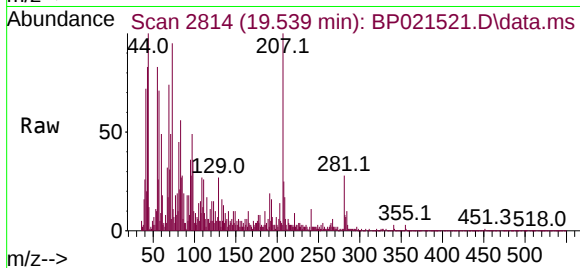
Tgt Ion:184 Resp: 338

Ion Ratio Lower Upper

184 100

185 306.6 11.4 17.0#

183 68.6 9.3 13.9#



#78

Pyrene

Concen: 3.169 ng

RT: 19.745 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

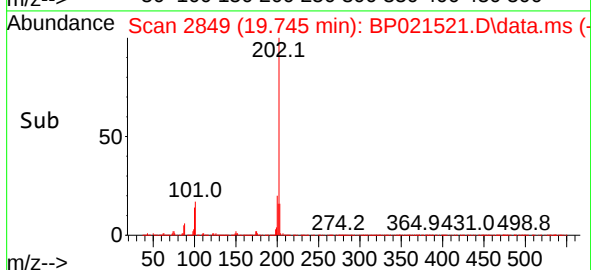
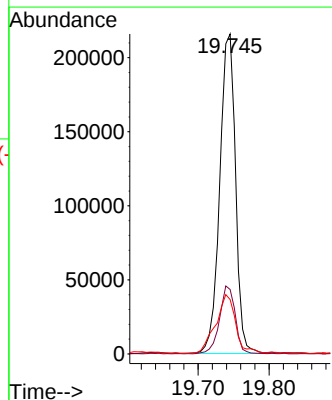
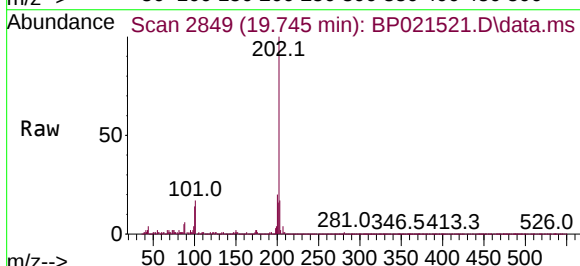
Tgt Ion:202 Resp: 332060

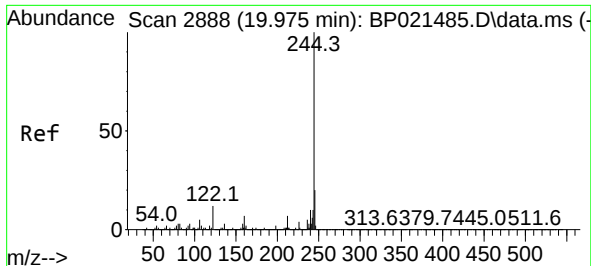
Ion Ratio Lower Upper

202 100

200 20.2 16.7 25.1

203 17.0 14.1 21.1





#79

Terphenyl-d14

Concen: 37.517 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.007 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224

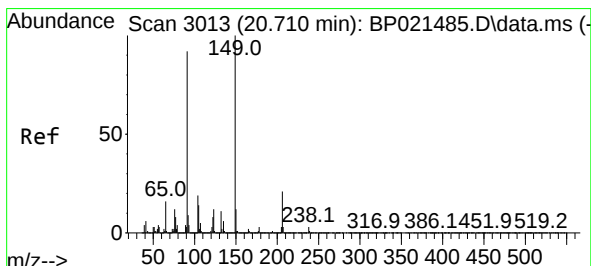
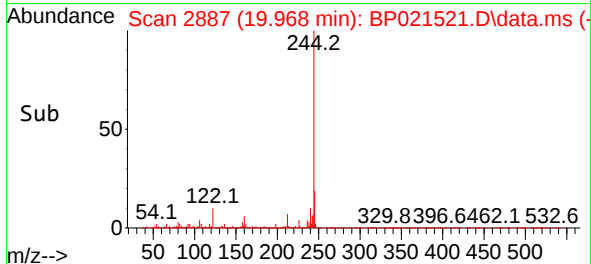
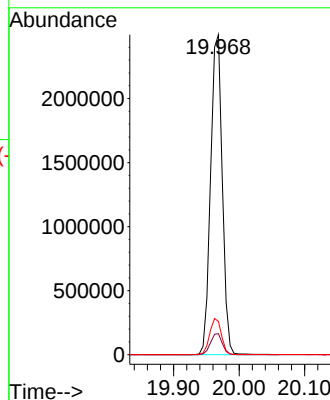
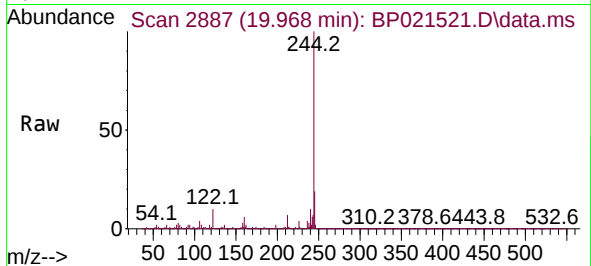
Tgt Ion:244 Resp: 3095498

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.4 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.761 ng

RT: 20.698 min Scan# 3011

Delta R.T. -0.012 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

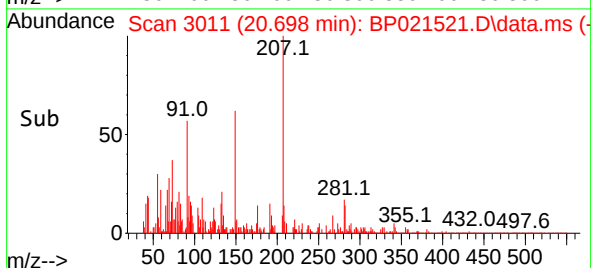
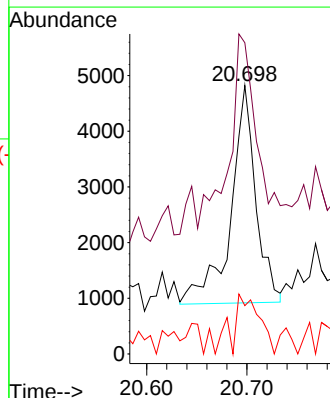
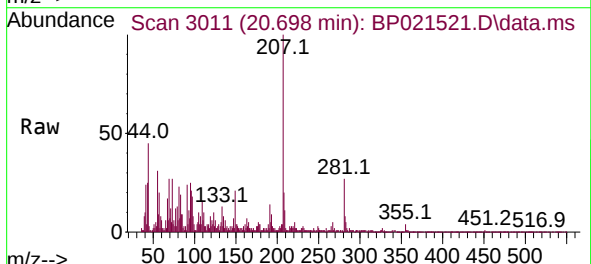
Tgt Ion:149 Resp: 6811

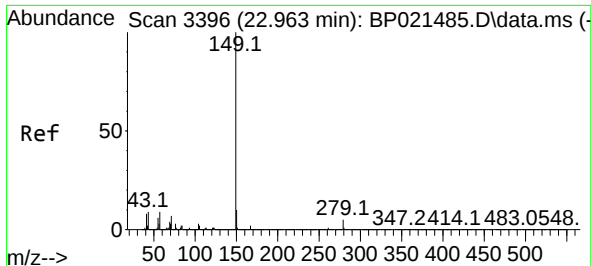
Ion Ratio Lower Upper

149 100

91 115.9 73.3 109.9#

206 18.0 17.1 25.7

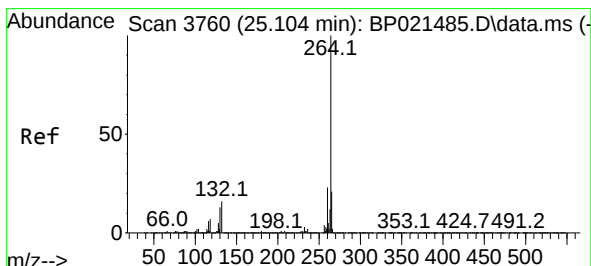
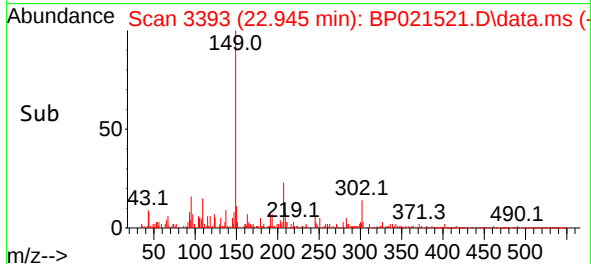
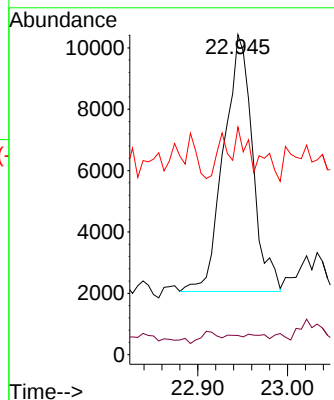
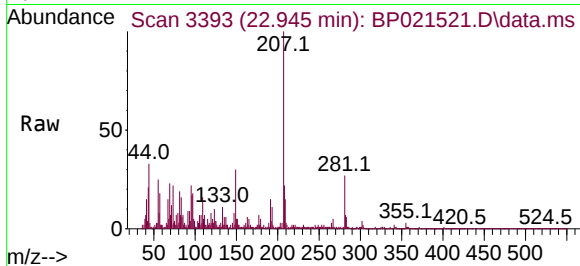




#85
Di-n-octyl phthalate
Concen: 4.997 ng
RT: 22.945 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

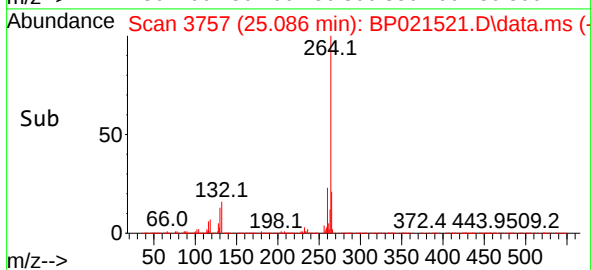
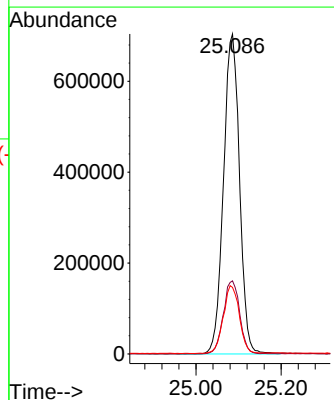
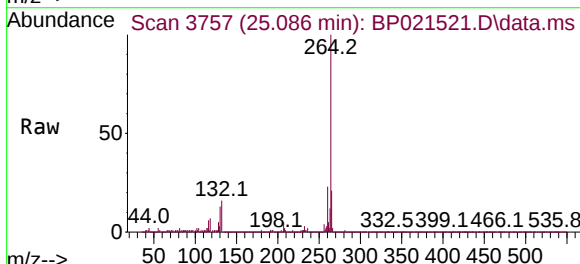
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-2-2.5-081224

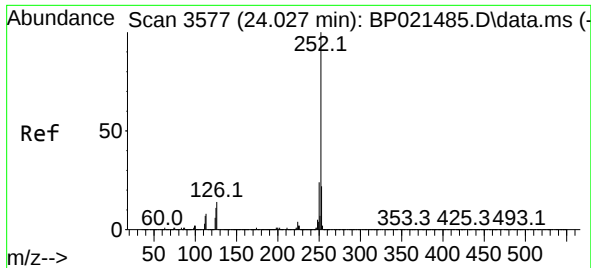
Tgt Ion:149 Resp: 18706
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 6.2 7.3 10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.086 min Scan# 3757
Delta R.T. -0.018 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:264 Resp: 1836958
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 20.8 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.137 ng

RT: 24.009 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP021521.D

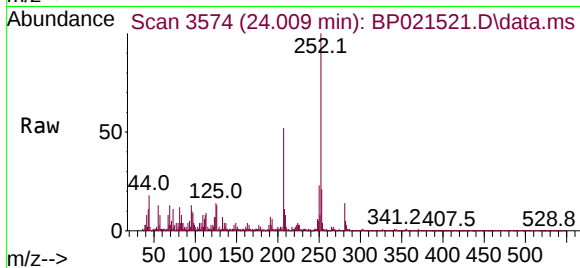
Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224



Tgt Ion:252 Resp: 225420

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 13.8 8.6 13.0#

