

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021529.D
 Acq On : 16 Aug 2024 01:51
 Operator : RC/JU
 Sample : P3598-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-081324-A

Quant Time: Aug 16 02:27:54 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)

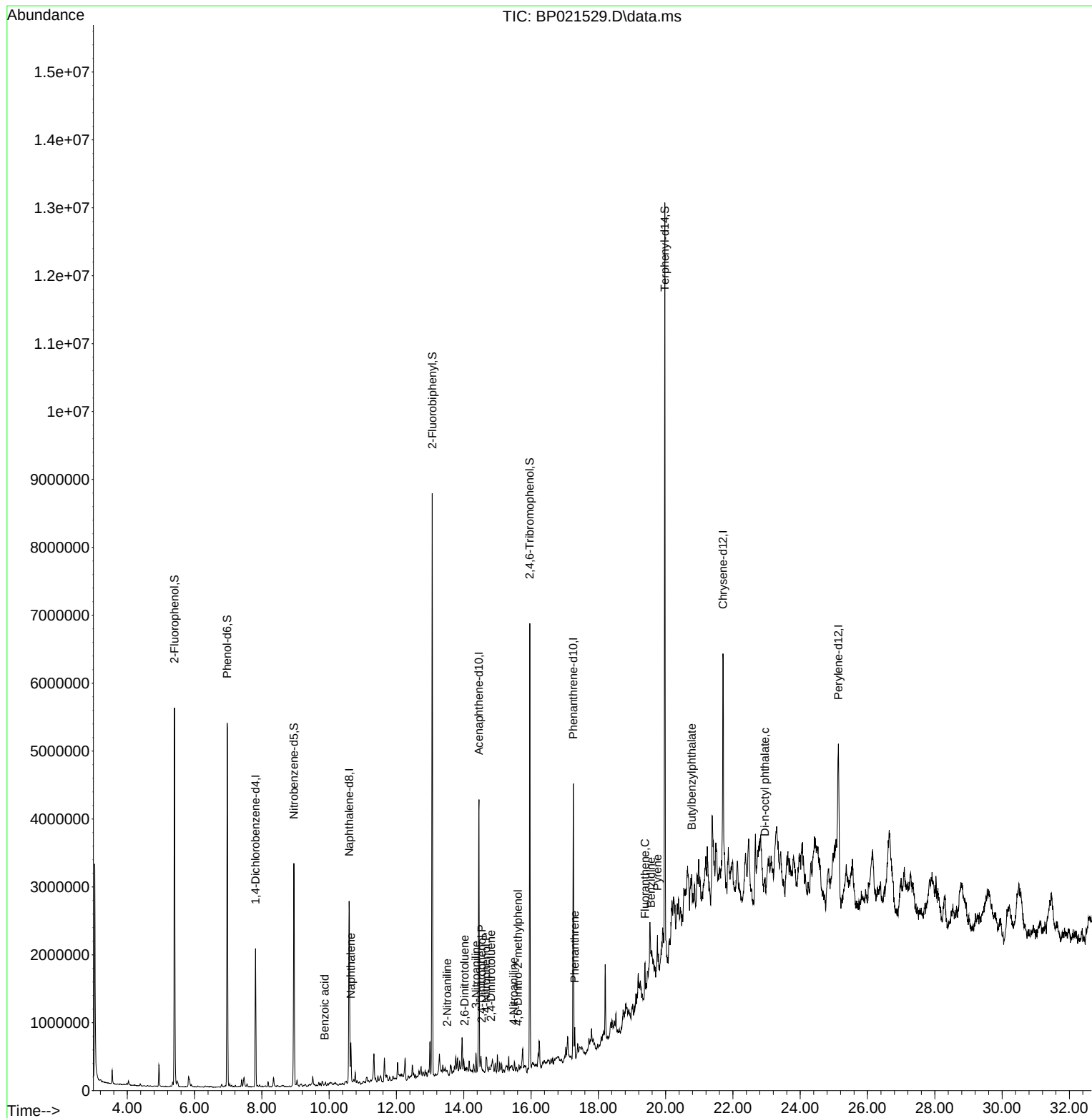
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	536951	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	2179717	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1356577	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2581054	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1904340	20.000	ng	0.00
86) Perylene-d12	25.133	264	2245612	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2572647	71.143	ng	0.01
7) Phenol-d6	6.969	99	3571204	67.699	ng	0.00
23) Nitrobenzene-d5	8.952	82	2143983	50.769	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1169723	77.475	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4165429	46.861	ng	0.00
79) Terphenyl-d14	19.975	244	5068754	51.709	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.669	139	96	Below Cal	#	1
31) Naphthalene	10.646	128	462012	4.057	ng	99
32) Benzoic acid	9.863	122	317	3.347	ng	# 56
48) 2-Nitroaniline	13.510	65	940	5.187	ng	# 64
51) 2,6-Dinitrotoluene	14.022	165	480	4.010	ng	# 73
53) 3-Nitroaniline	14.363	138	1473	4.044	ng	# 54
54) 2,4-Dinitrophenol	14.534	184	146	2.474	ng	# 1
56) 4-Nitrophenol	14.663	139	5027	5.391	ng	# 4
57) 2,4-Dinitrotoluene	14.810	165	1981	5.098	ng	# 69
62) 4-Nitroaniline	15.487	138	1778	3.025	ng	88
65) 4,6-Dinitro-2-methylph...	15.616	198	181	4.636	ng	# 1
71) Phenanthrene	17.298	178	261986	2.111	ng	99
75) Fluoranthene	19.386	202	310133	2.036	ng	96
77) Benzidine	19.563	184	9361	4.733	ng	# 1
78) Pyrene	19.757	202	327854	2.634	ng	97
80) Butylbenzylphthalate	20.775	149	2569	3.653	ng	# 22
85) Di-n-octyl phthalate	22.951	149	14166	4.939	ng	# 77

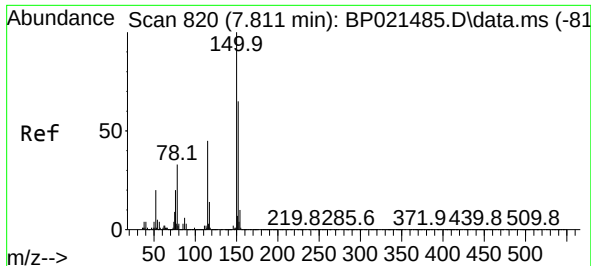
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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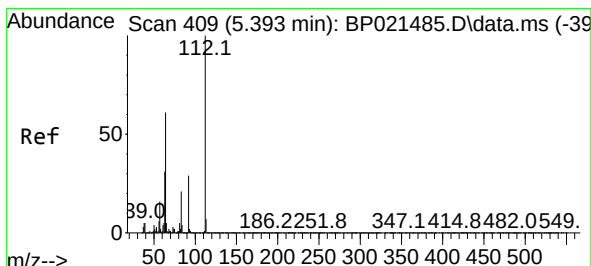
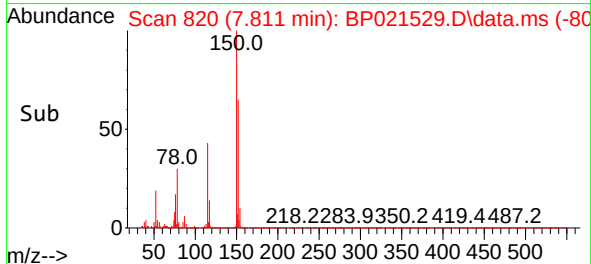
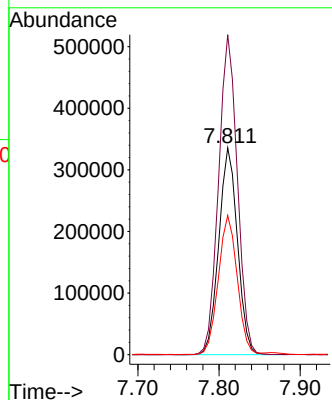
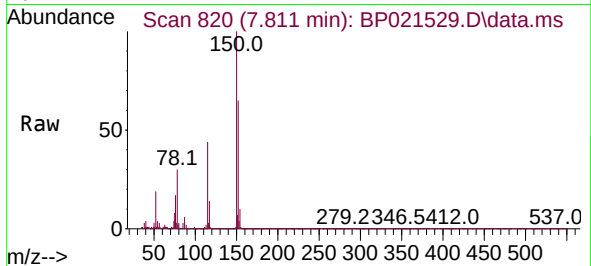




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

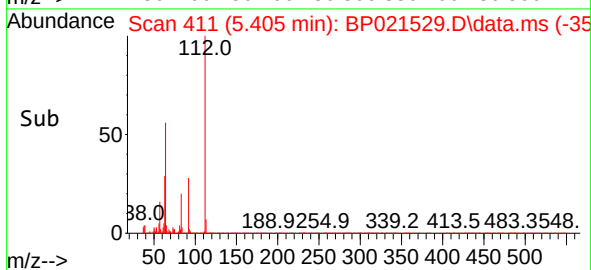
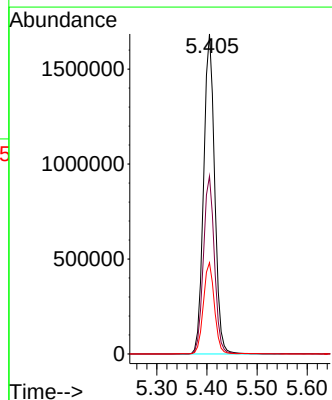
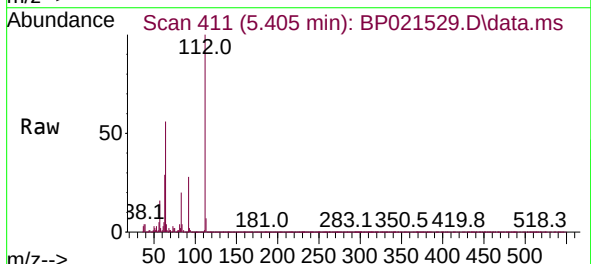
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

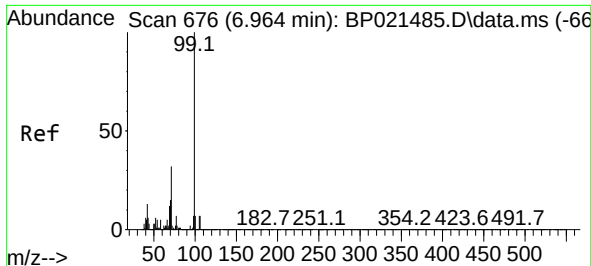
Tgt Ion:152 Resp: 536951
Ion Ratio Lower Upper
152 100
150 154.6 122.4 183.6
115 67.3 54.7 82.1



#5
2-Fluorophenol
Concen: 71.143 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:112 Resp: 2572647
Ion Ratio Lower Upper
112 100
64 55.5 49.0 73.6
63 28.5 24.6 36.8

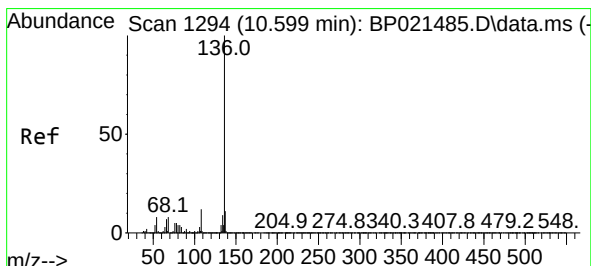
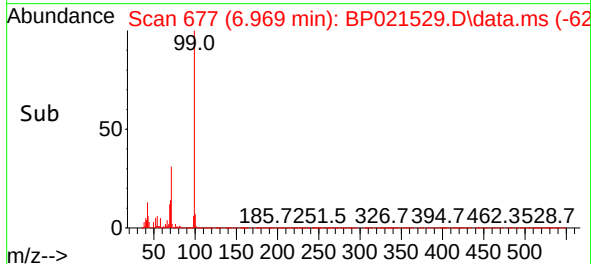
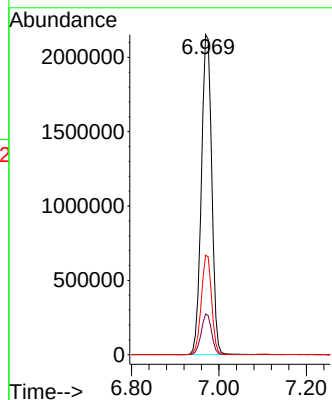
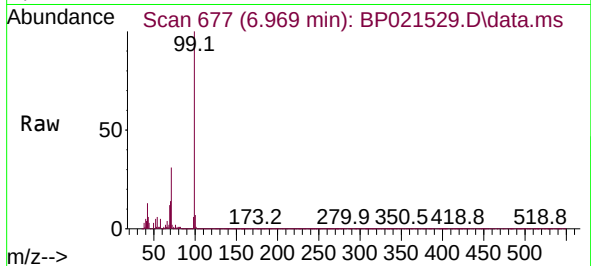




#7
Phenol-d6
Concen: 67.699 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

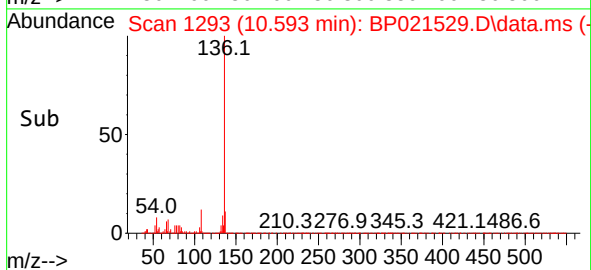
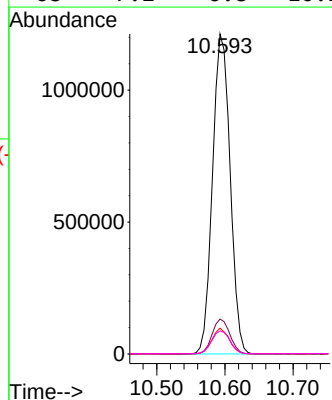
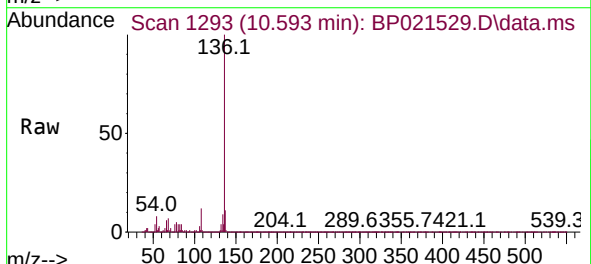
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

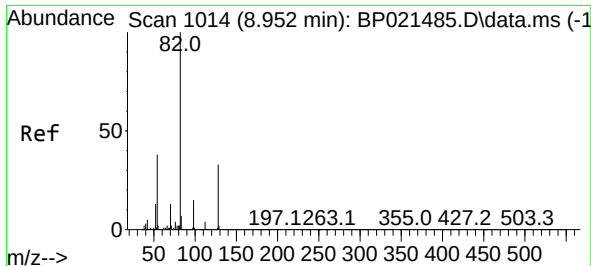
Tgt Ion: 99 Resp: 3571204
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:136 Resp: 2179717
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 6.3 9.5
68 7.2 6.8 10.2

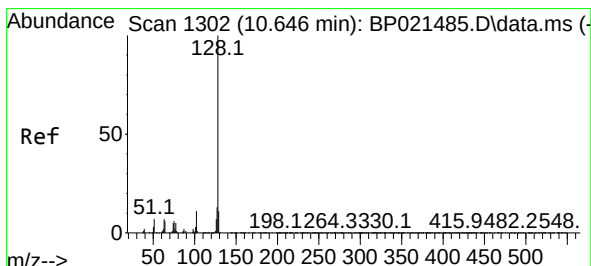
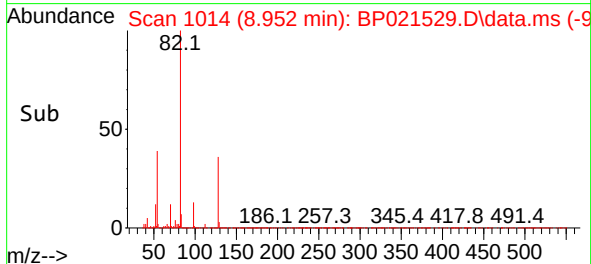
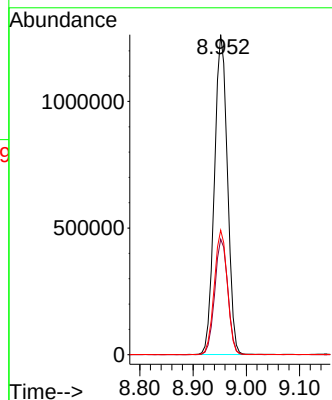
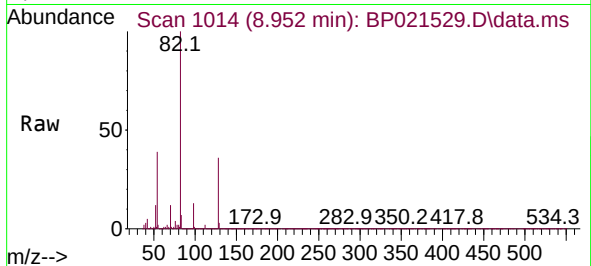




#23
Nitrobenzene-d5
Concen: 50.769 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

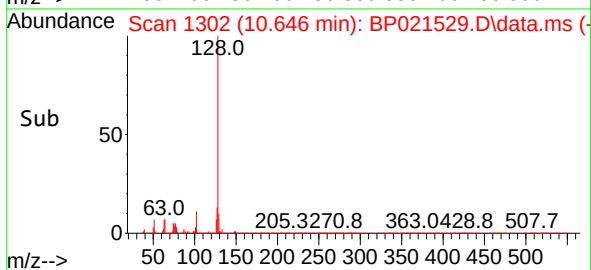
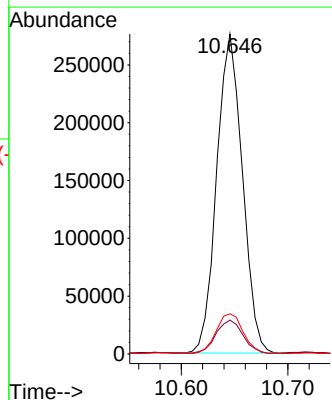
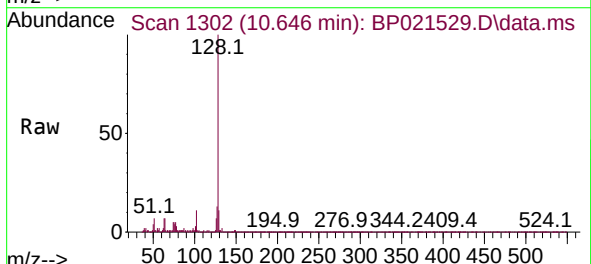
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

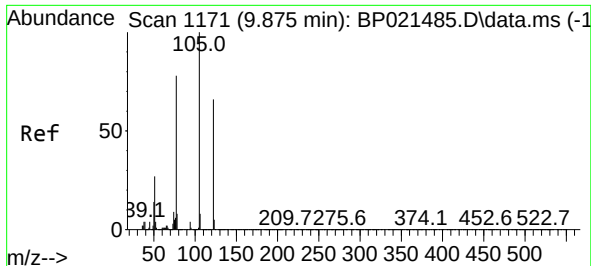
Tgt Ion: 82 Resp: 2143983
Ion Ratio Lower Upper
82 100
128 36.1 26.5 39.7
54 38.9 30.3 45.5



#31
Naphthalene
Concen: 4.057 ng
RT: 10.646 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion: 128 Resp: 462012
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.6 10.6 15.8

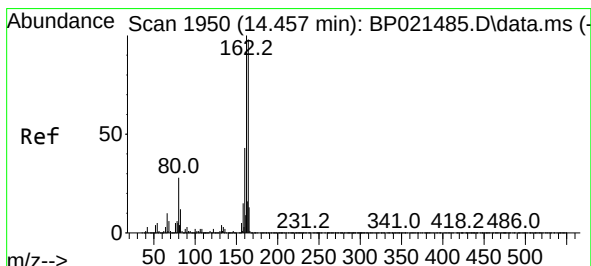
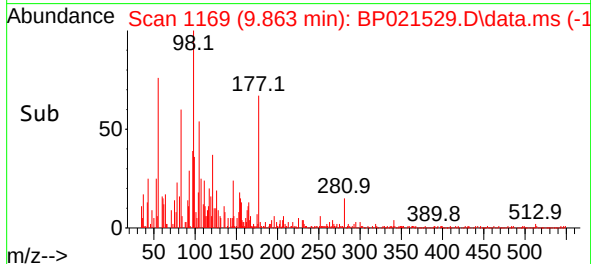
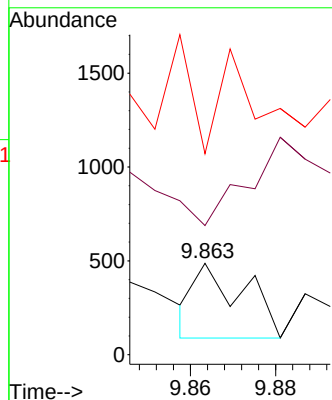
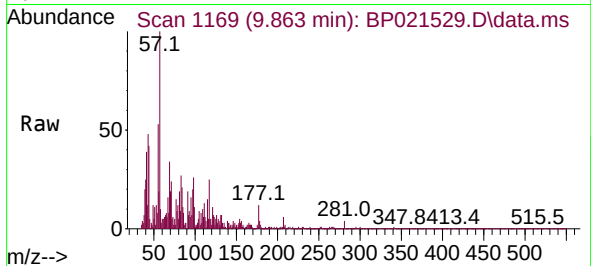




#32
Benzoic acid
Concen: 3.347 ng
RT: 9.863 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

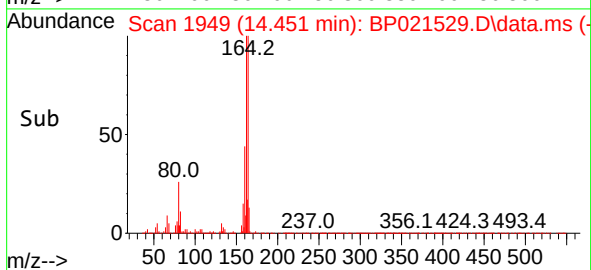
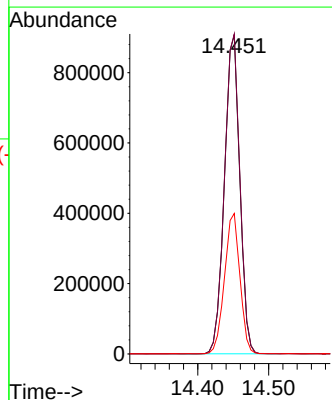
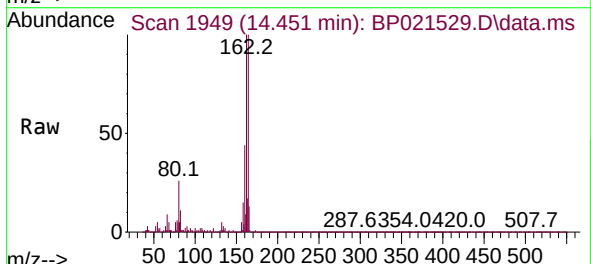
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

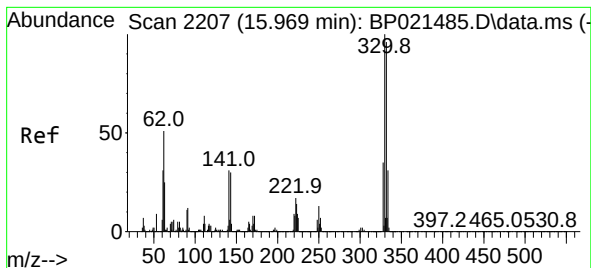
Tgt Ion:122 Resp: 317
Ion Ratio Lower Upper
122 100
105 141.3 124.6 164.6
77 219.9 96.2 136.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:164 Resp: 1356577
Ion Ratio Lower Upper
164 100
162 100.4 81.5 122.3
160 44.1 35.2 52.8

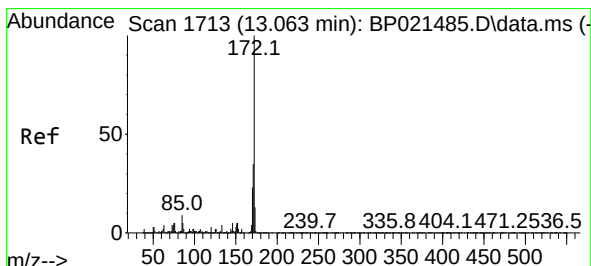
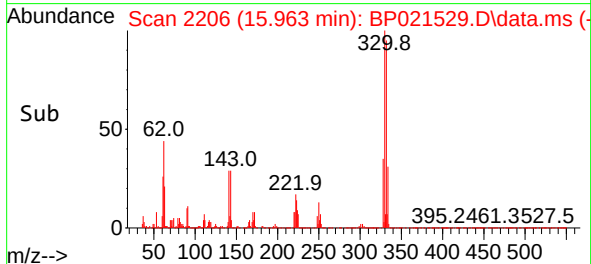
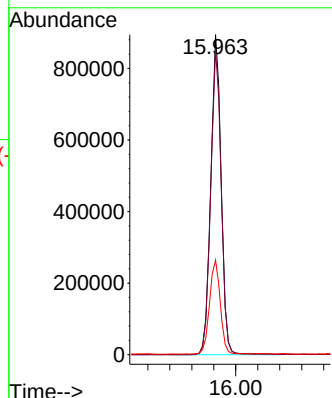
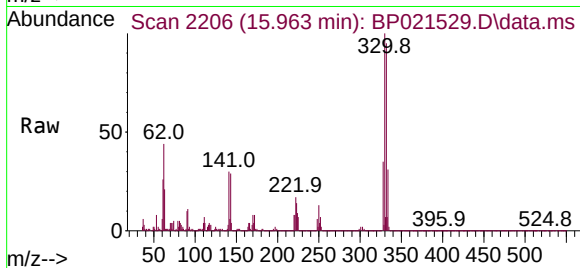




#42
2,4,6-Tribromophenol
Concen: 77.475 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

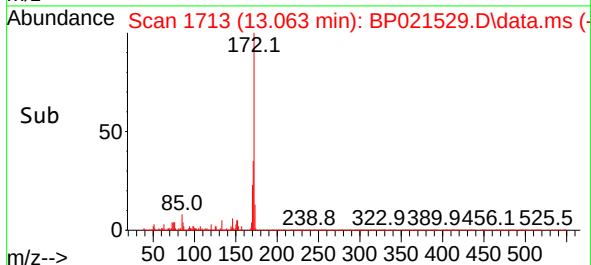
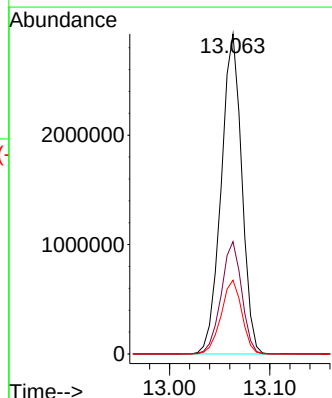
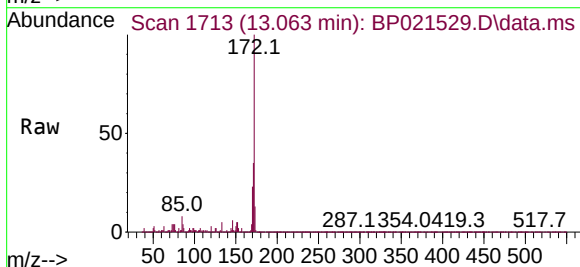
Instrument :
BNA_P
ClientSampleId :
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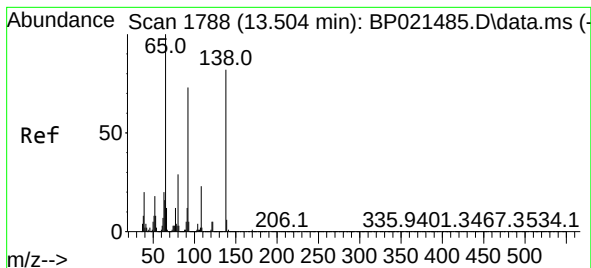
Tgt Ion:330 Resp: 1169723
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 30.5 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 46.861 ng
RT: 13.063 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:172 Resp: 4165429
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.1 18.4 27.6





#48

2-Nitroaniline

Concen: 5.187 ng

RT: 13.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

Instrument :

BNA_P

ClientSampleId :

JC-03-081324-A

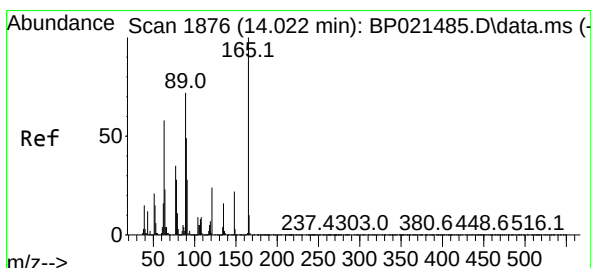
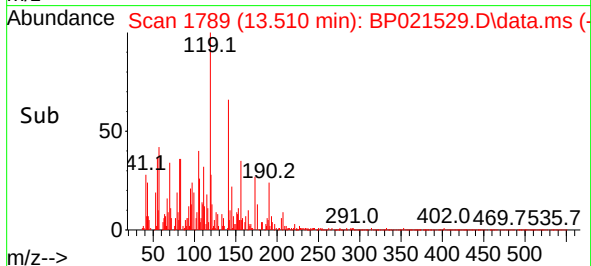
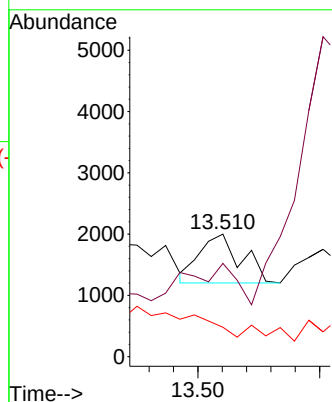
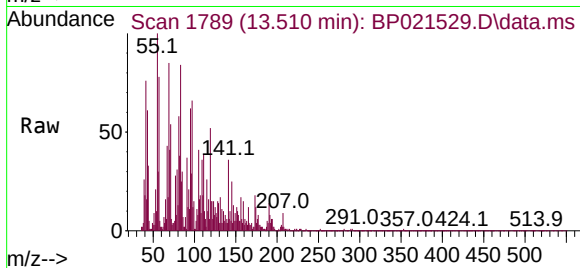
Tgt Ion: 65 Resp: 940

Ion Ratio Lower Upper

65 100

92 76.1 58.1 87.1

138 24.0 65.5 98.3#



#51

2,6-Dinitrotoluene

Concen: 4.010 ng

RT: 14.022 min Scan# 1876

Delta R.T. 0.000 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

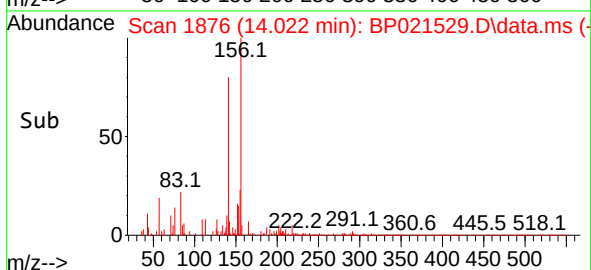
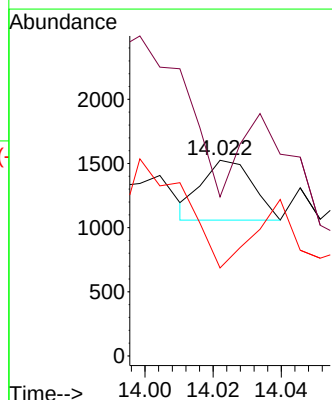
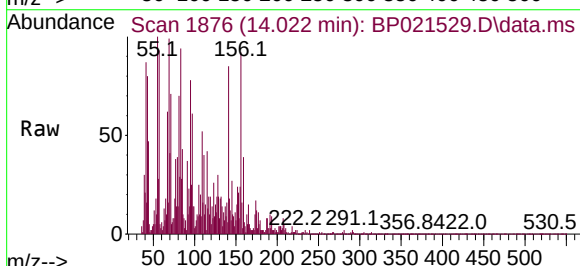
Tgt Ion:165 Resp: 480

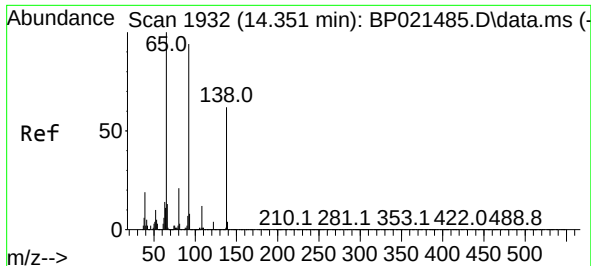
Ion Ratio Lower Upper

165 100

63 81.2 51.5 77.3#

89 45.0 57.8 86.8#

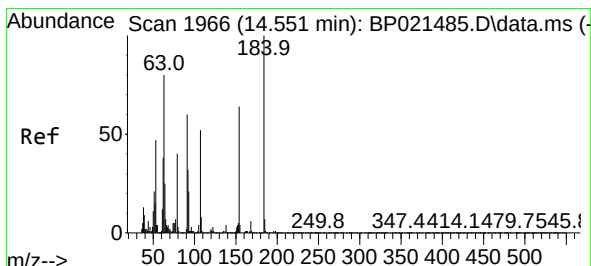
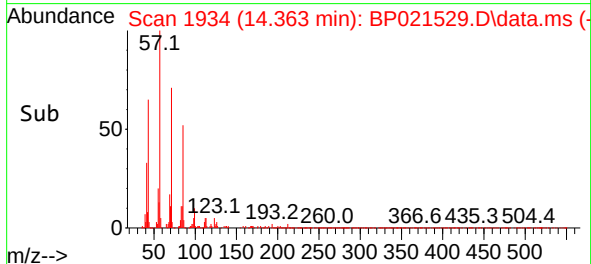
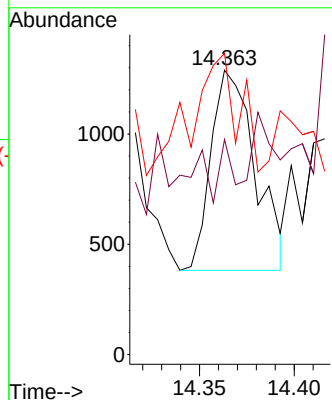
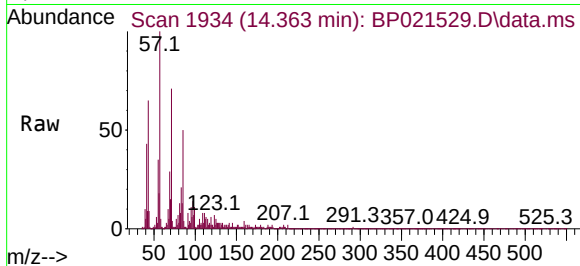




#53
3-Nitroaniline
Concen: 4.044 ng
RT: 14.363 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

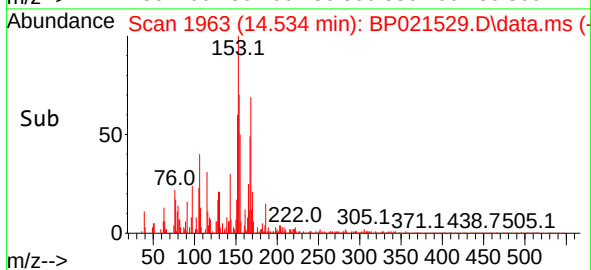
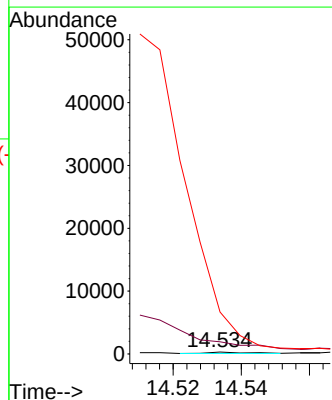
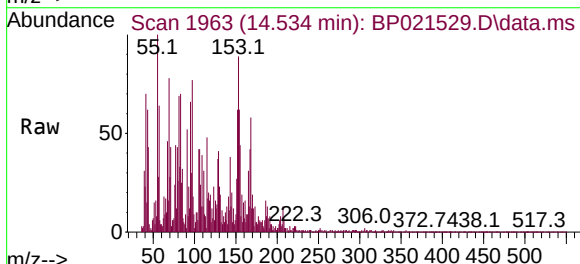
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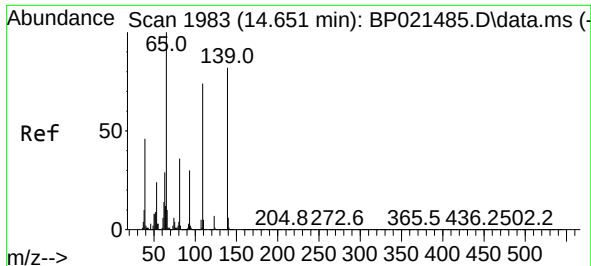
Tgt Ion:138 Resp: 1473
Ion Ratio Lower Upper
138 100
108 75.6 16.2 24.4#
92 105.9 122.2 183.4#



#54
2,4-Dinitrophenol
Concen: 2.474 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.017 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:184 Resp: 146
Ion Ratio Lower Upper
184 100
63 643.8 64.9 97.3#
154 2232.8 52.1 78.1#

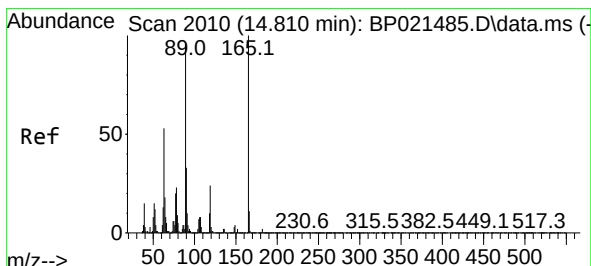
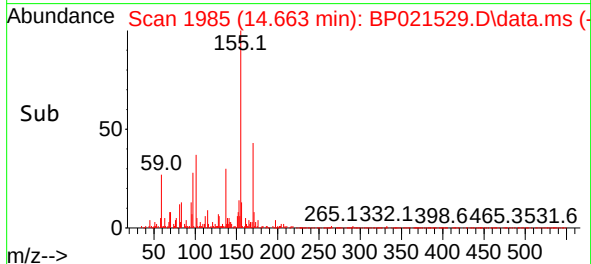
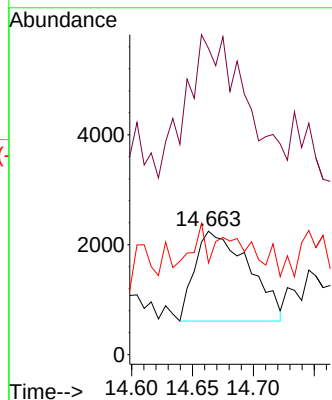
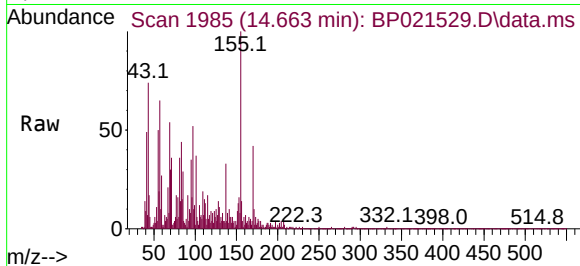




#56
4-Nitrophenol
Concen: 5.391 ng
RT: 14.663 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

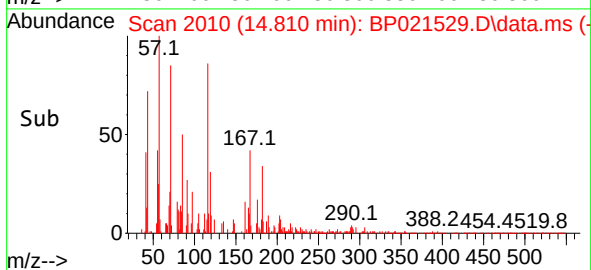
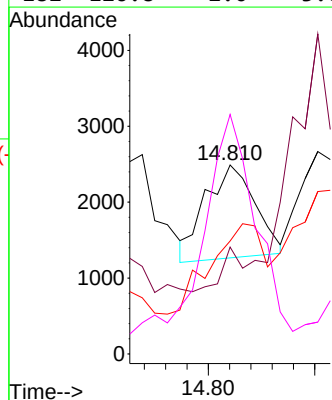
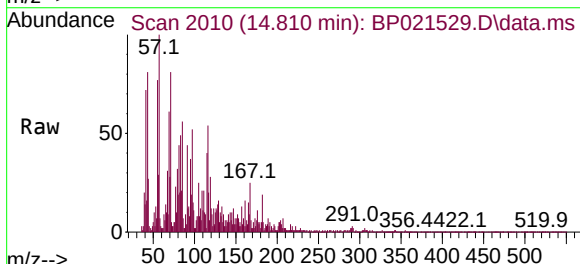
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

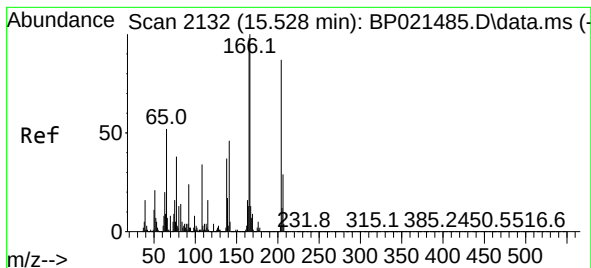
Tgt Ion:139 Resp: 5027
Ion Ratio Lower Upper
139 100
109 248.0 70.2 110.2#
65 74.2 101.8 141.8#



#57
2,4-Dinitrotoluene
Concen: 5.098 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:165 Resp: 1981
Ion Ratio Lower Upper
165 100
63 56.6 42.5 63.7
89 59.8 77.1 115.7#
182 126.8 2.0 3.0#

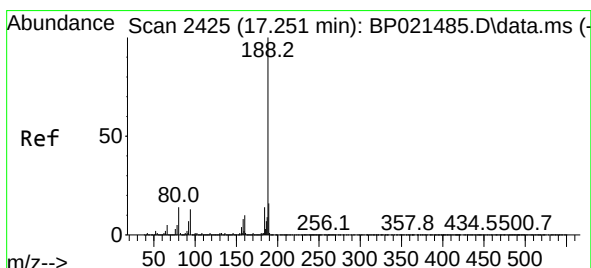
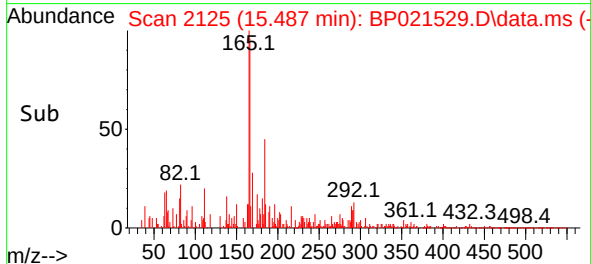
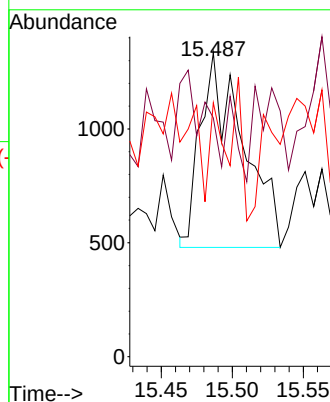
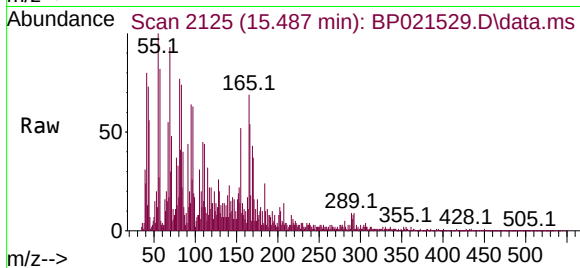




#62
4-Nitroaniline
Concen: 3.025 ng
RT: 15.487 min Scan# 2132
Delta R.T. -0.041 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

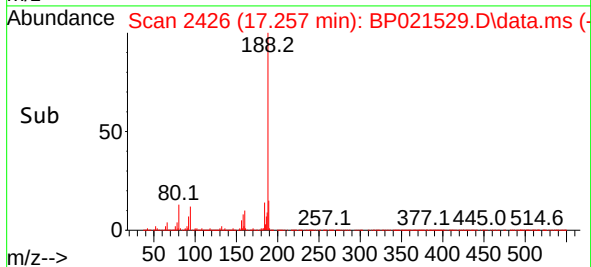
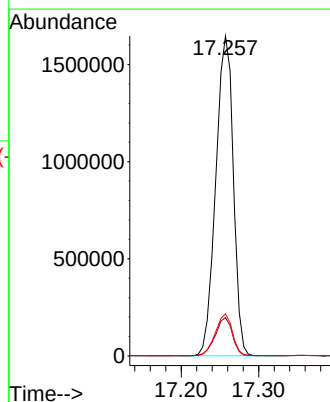
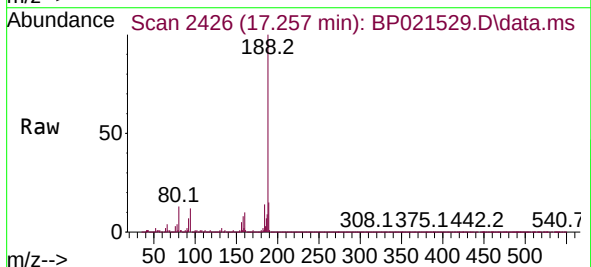
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

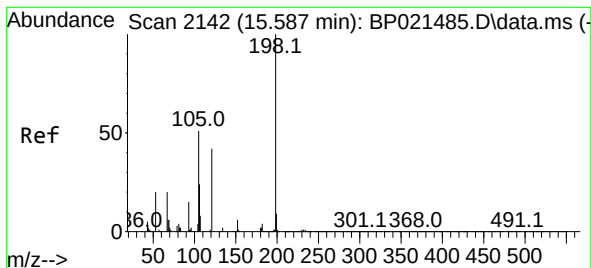
Tgt Ion:138 Resp: 1778
Ion Ratio Lower Upper
138 100
92 78.5 46.4 86.4
108 83.5 73.2 113.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:188 Resp: 2581054
Ion Ratio Lower Upper
188 100
94 12.0 10.2 15.4
80 13.2 11.6 17.4

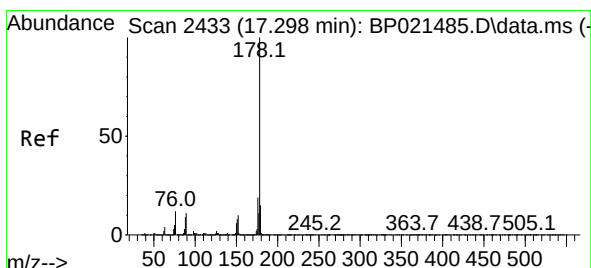
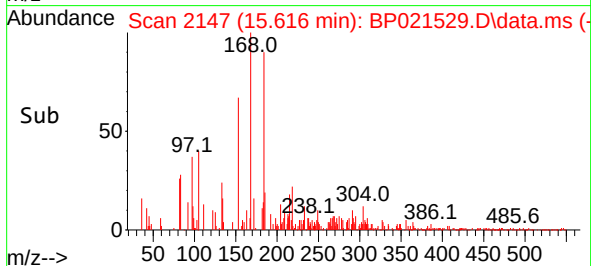
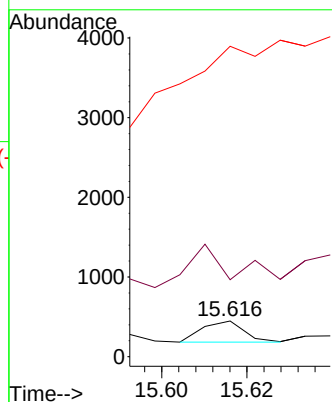
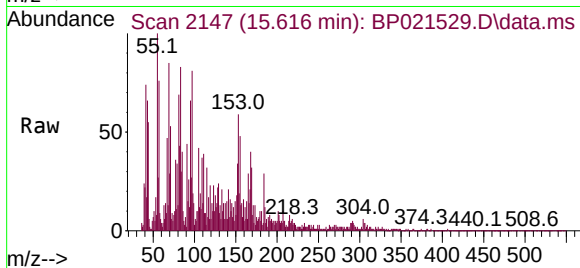




#65
4,6-Dinitro-2-methylphenol
Concen: 4.636 ng
RT: 15.616 min Scan# 2142
Delta R.T. 0.029 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

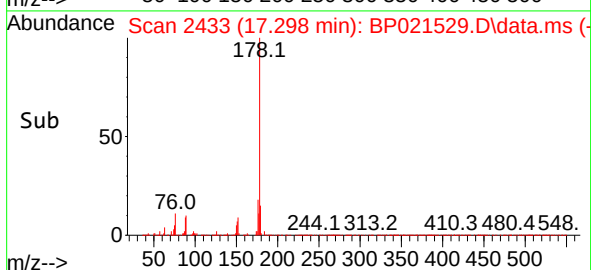
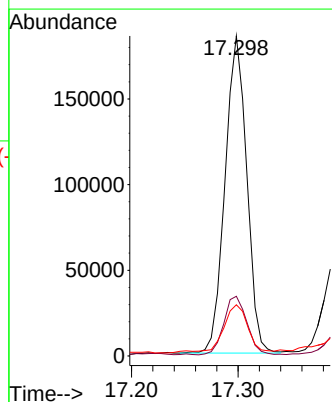
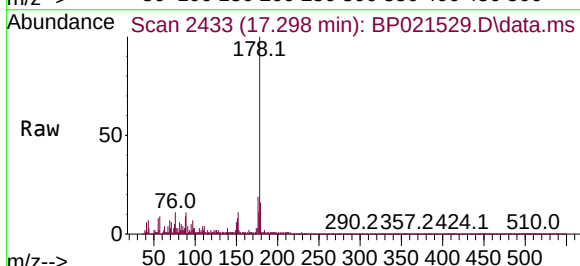
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

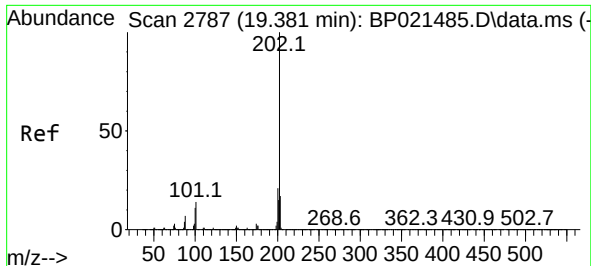
Tgt Ion:198 Resp: 181
Ion Ratio Lower Upper
198 100
51 215.6 21.5 61.5#
105 869.6 32.9 72.9#



#71
Phenanthrene
Concen: 2.111 ng
RT: 17.298 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:178 Resp: 261986
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 16.0 12.4 18.6

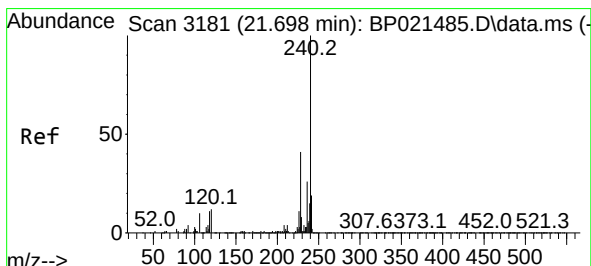
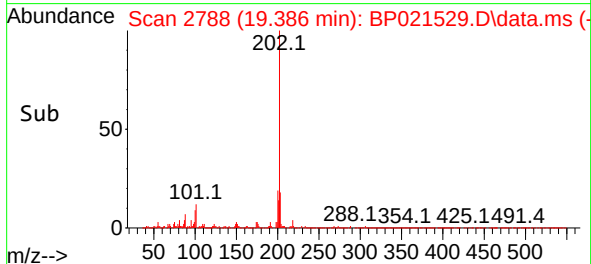
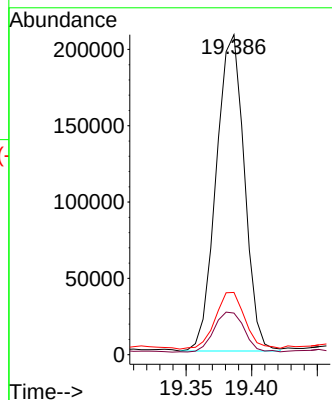
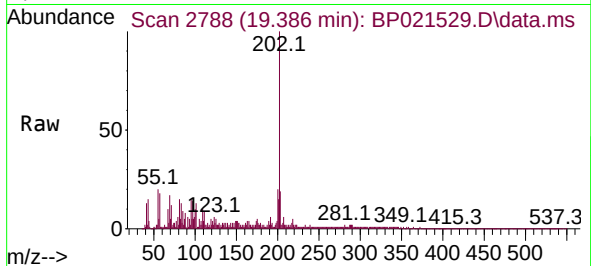




#75
Fluoranthene
Concen: 2.036 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

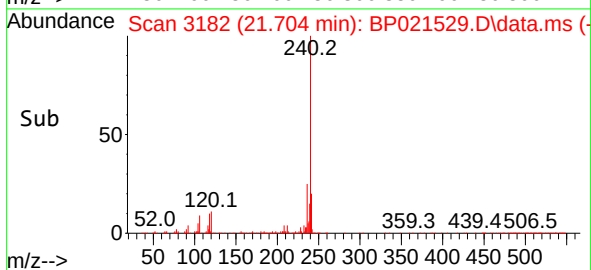
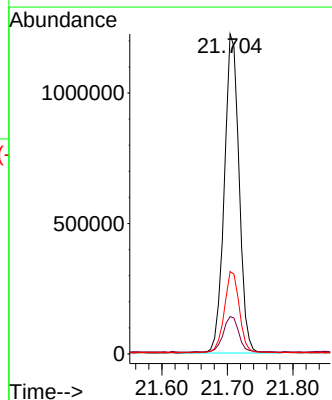
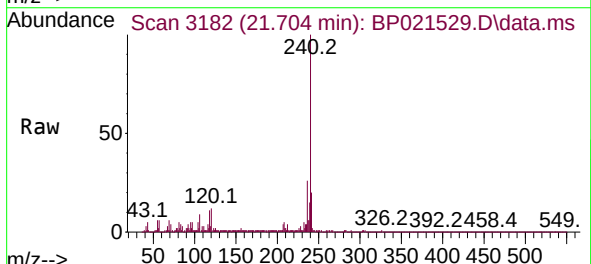
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

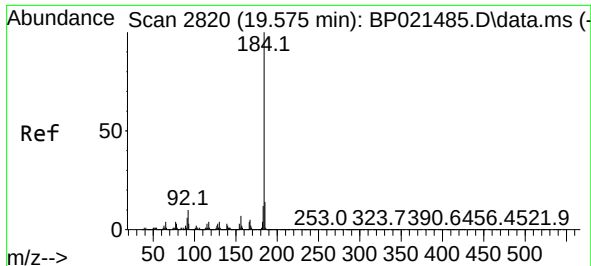
Tgt Ion:202 Resp: 310133
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.0
203 19.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.704 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:240 Resp: 1904340
Ion Ratio Lower Upper
240 100
120 11.7 9.9 14.9
236 25.8 20.6 30.8

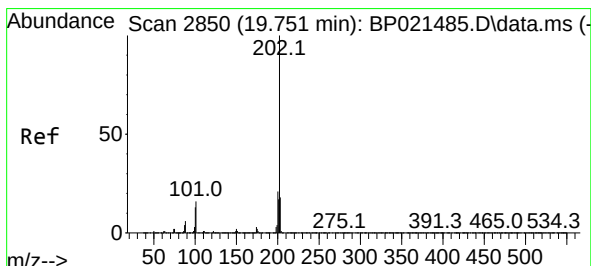
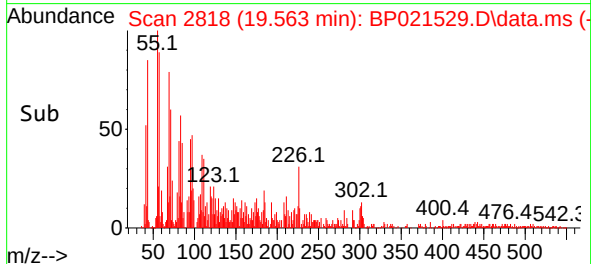
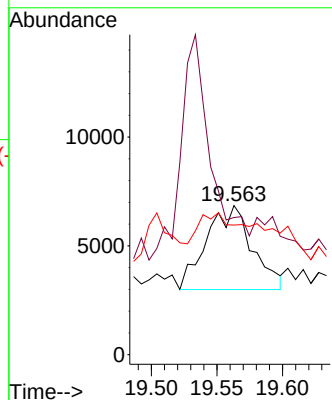
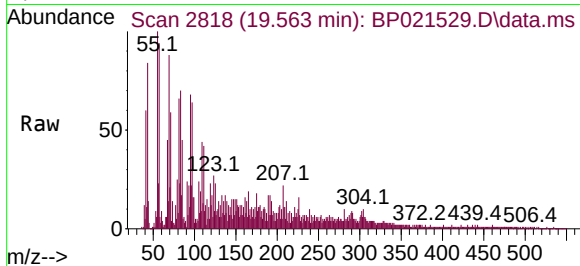




#77
Benzidine
Concen: 4.733 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.012 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

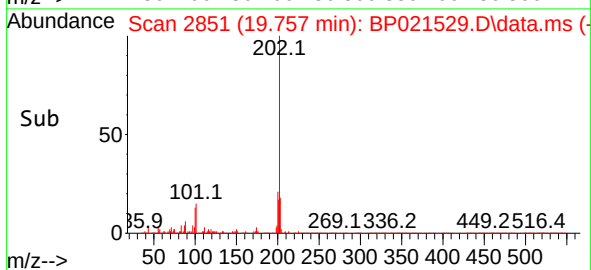
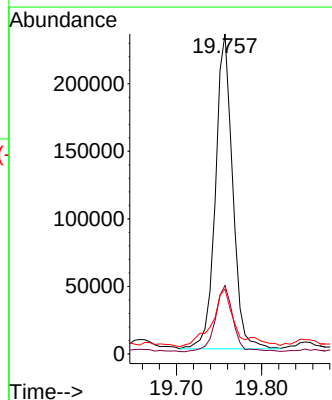
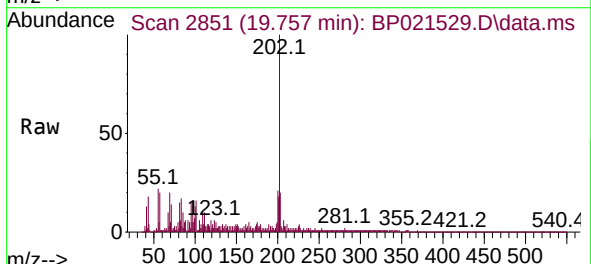
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

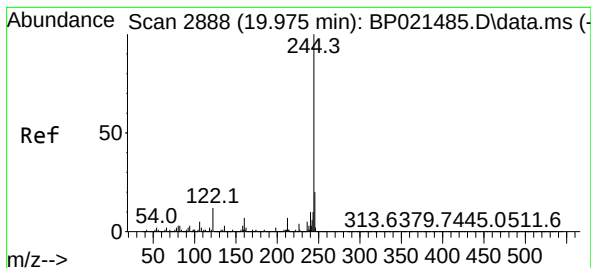
Tgt Ion:184 Resp: 9361
Ion Ratio Lower Upper
184 100
185 92.0 11.4 17.0#
183 86.9 9.3 13.9#



#78
Pyrene
Concen: 2.634 ng
RT: 19.757 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:202 Resp: 327854
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 20.3 14.1 21.1





#79

Terphenyl-d14

Concen: 51.709 ng

RT: 19.975 min Scan# 2

Delta R.T. -0.000 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

Instrument :

BNA_P

ClientSampleId :

JC-03-081324-A

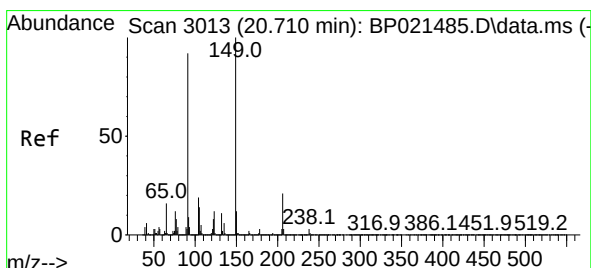
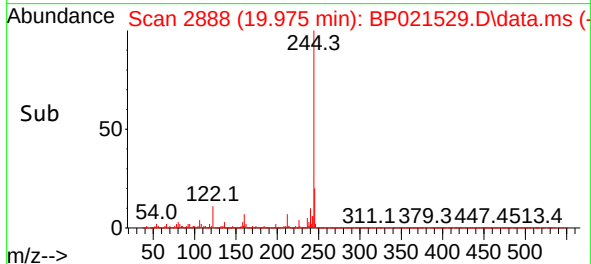
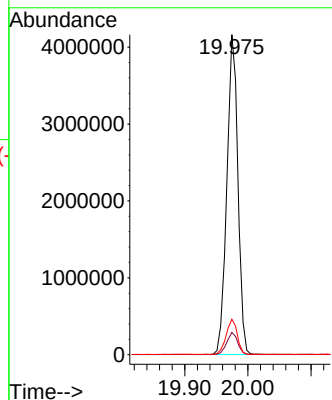
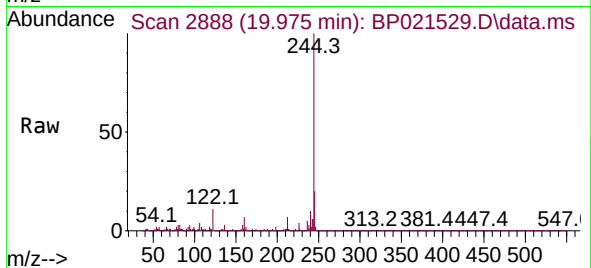
Tgt Ion:244 Resp: 5068754

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.0 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.653 ng

RT: 20.775 min Scan# 3024

Delta R.T. 0.065 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

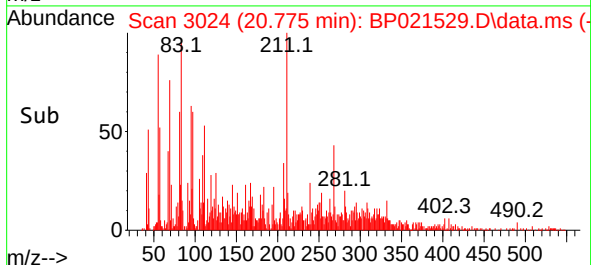
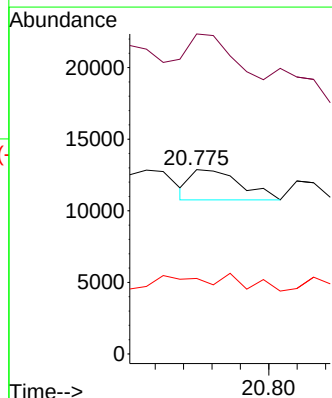
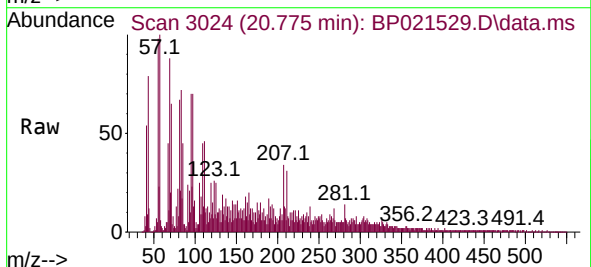
Tgt Ion:149 Resp: 2569

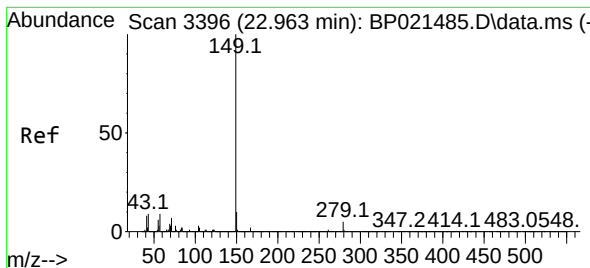
Ion Ratio Lower Upper

149 100

91 173.6 73.3 109.9#

206 41.0 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.939 ng

RT: 22.951 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

Instrument :

BNA_P

ClientSampleId :

JC-03-081324-A

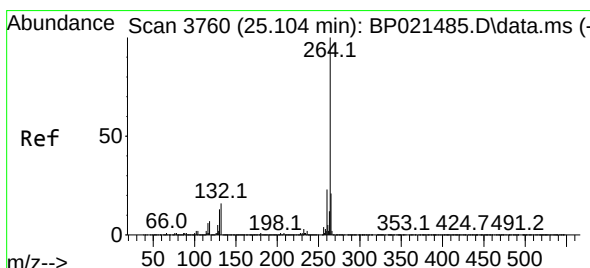
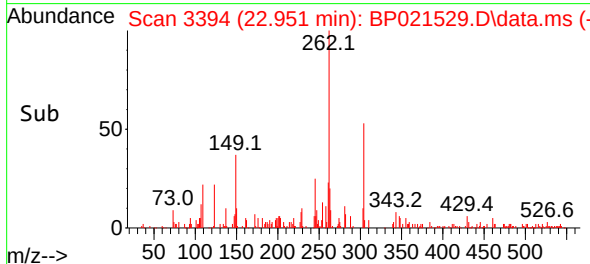
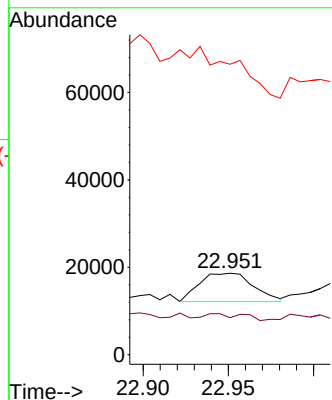
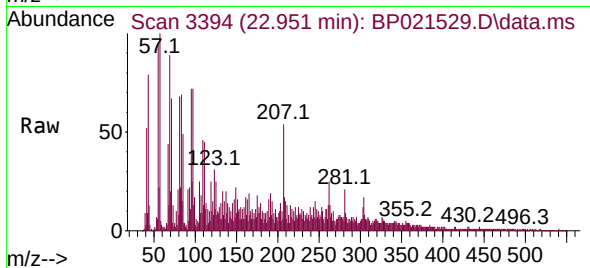
Tgt Ion:149 Resp: 14166

Ion Ratio Lower Upper

149 100

167 5.0 1.3 1.9#

43 0.0 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 3765

Delta R.T. 0.029 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

Tgt Ion:264 Resp: 2245612

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.9 17.1 25.7

