

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021579.D
 Acq On : 20 Aug 2024 19:34
 Operator : RC/JU
 Sample : P3643-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 921-J-SD-0.5-1.0-081524-FD

Quant Time: Aug 21 00:25:54 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)

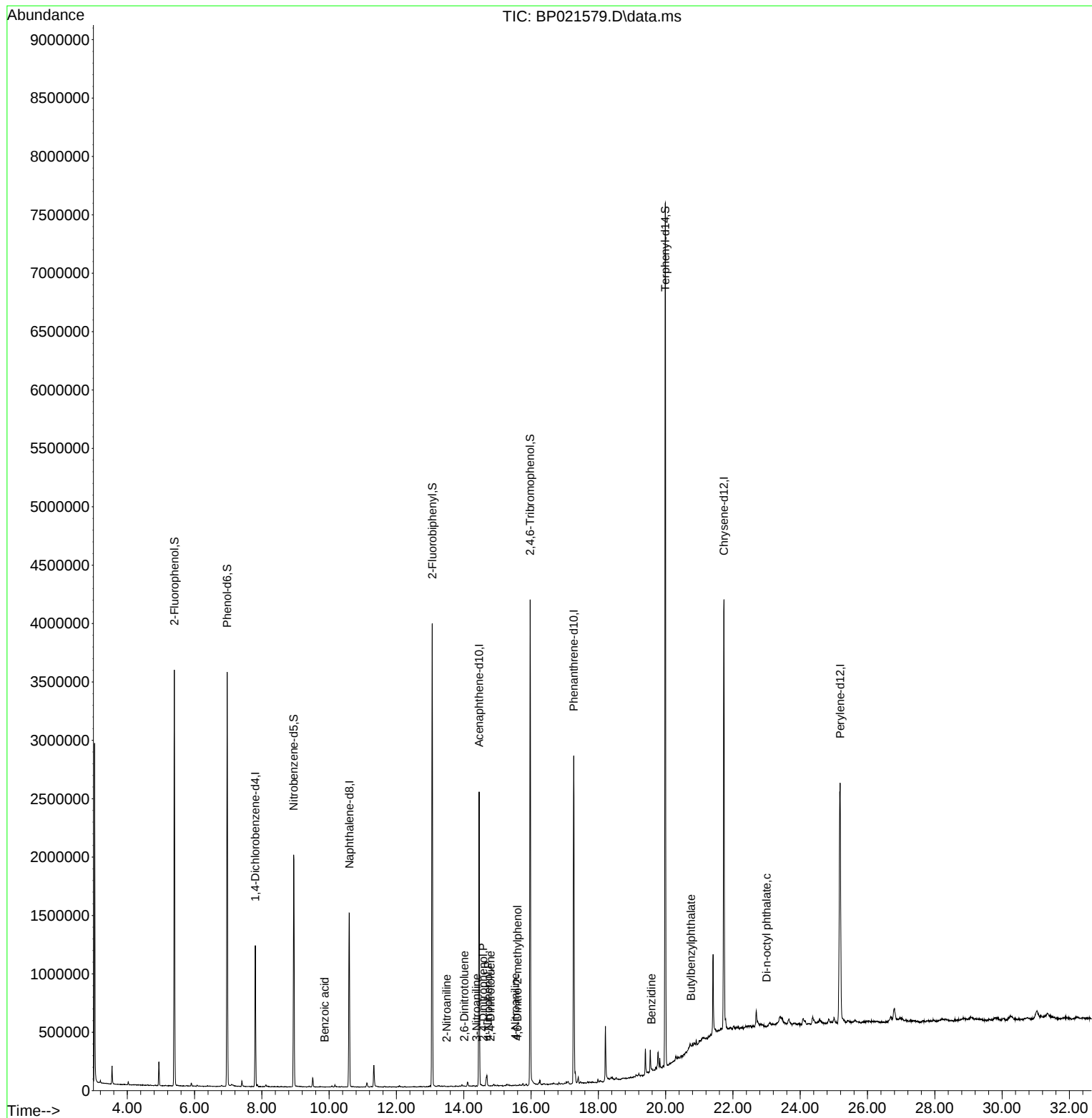
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	309852	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1260056	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	848208	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1951418	20.000	ng	0.02
76) Chrysene-d12	21.733	240	2043803	20.000	ng	0.04
86) Perylene-d12	25.186	264	2283218	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1601069	76.726	ng	0.00
7) Phenol-d6	6.969	99	2274115	74.706	ng	0.00
23) Nitrobenzene-d5	8.946	82	1282128	52.519	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	847093	89.732	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2200018	39.584	ng	0.00
79) Terphenyl-d14	19.992	244	4271145	40.599	ng	0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.705	139	98	Below Cal	#	1
32) Benzoic acid	9.863	122	151	3.342	ng	# 1
48) 2-Nitroaniline	13.493	65	622	5.190	ng	# 38
51) 2,6-Dinitrotoluene	14.016	165	327	4.012	ng	# 75
53) 3-Nitroaniline	14.381	138	109	3.978	ng	# 1
54) 2,4-Dinitrophenol	14.575	184	137	2.496	ng	# 24
56) 4-Nitrophenol	14.728	139	199	5.098	ng	92
57) 2,4-Dinitrotoluene	14.798	165	143	5.031	ng	# 71
62) 4-Nitroaniline	15.534	138	168	2.948	ng	# 68
65) 4,6-Dinitro-2-methylph...	15.598	198	84	4.625	ng	# 1
77) Benzidine	19.580	184	429	4.579	ng	# 1
80) Butylbenzylphthalate	20.751	149	413	3.610	ng	# 50
85) Di-n-octyl phthalate	22.998	149	464	4.839	ng	# 1

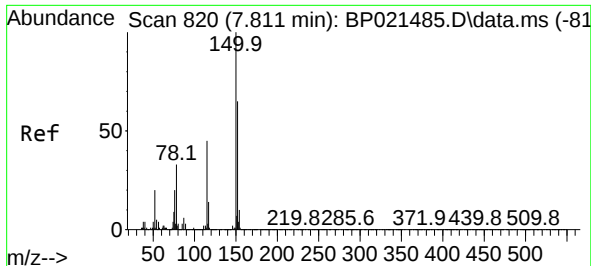
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021579.D
Acq On : 20 Aug 2024 19:34
Operator : RC/JU
Sample : P3643-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

Quant Time: Aug 21 00:25:54 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

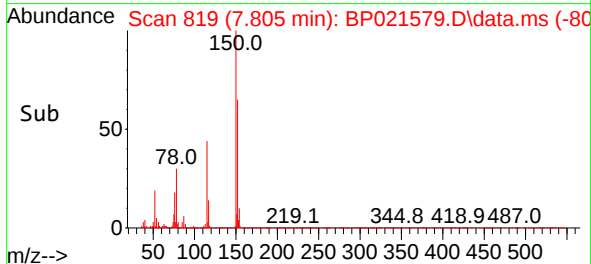
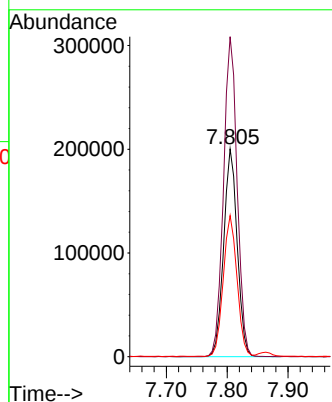
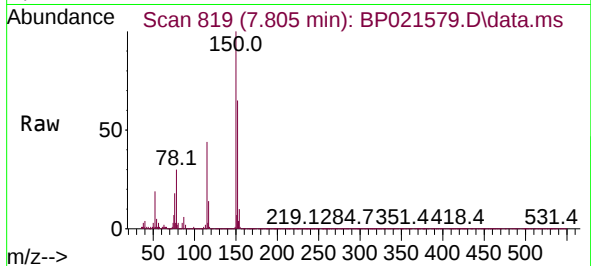




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

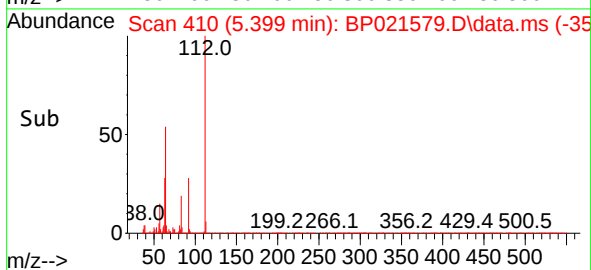
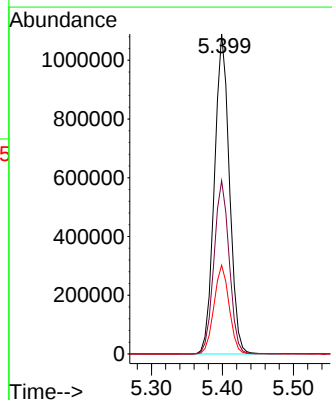
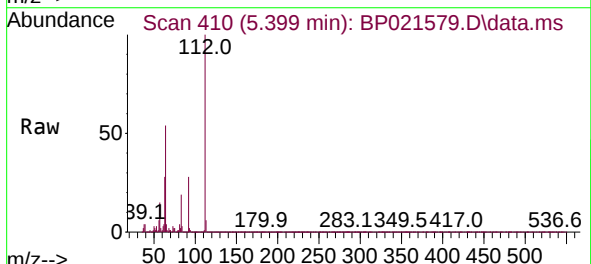
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

Tgt Ion:152 Resp: 309852
Ion Ratio Lower Upper
152 100
150 153.9 122.4 183.6
115 67.9 54.7 82.1



#5
2-Fluorophenol
Concen: 76.726 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion:112 Resp: 1601069
Ion Ratio Lower Upper
112 100
64 54.2 49.0 73.6
63 27.8 24.6 36.8

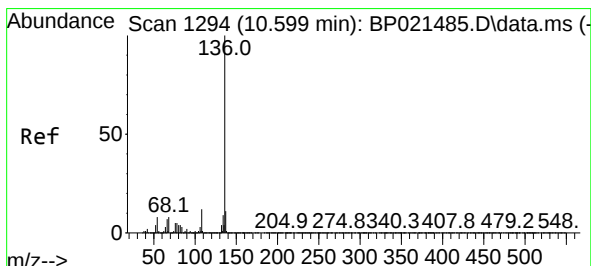
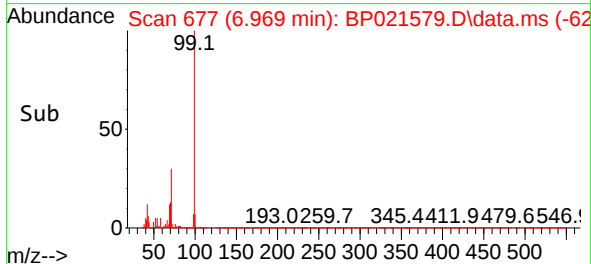
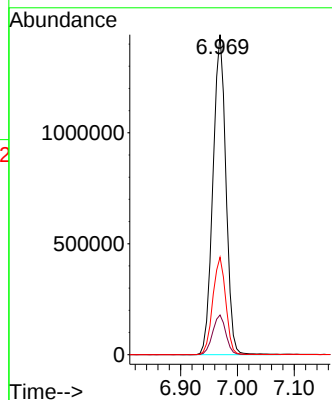
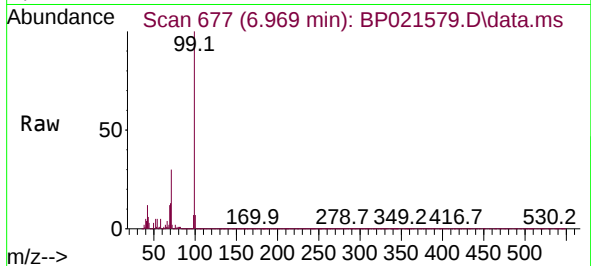




#7
Phenol-d6
Concen: 74.706 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

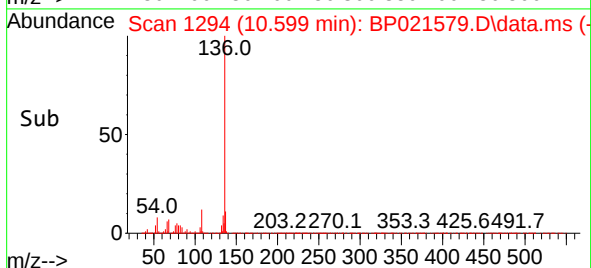
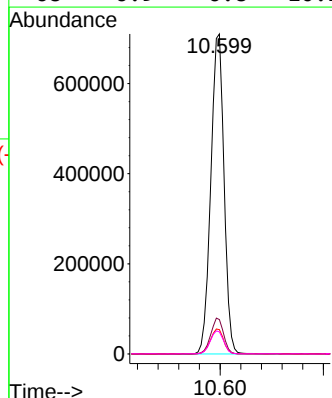
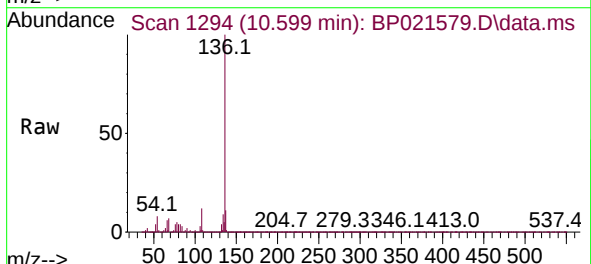
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

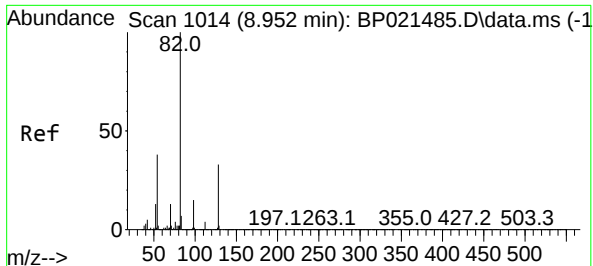
Tgt Ion: 99 Resp: 2274115
Ion Ratio Lower Upper
99 100
42 12.4 10.2 15.4
71 30.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion: 136 Resp: 1260056
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.3 9.5
68 6.9 6.8 10.2

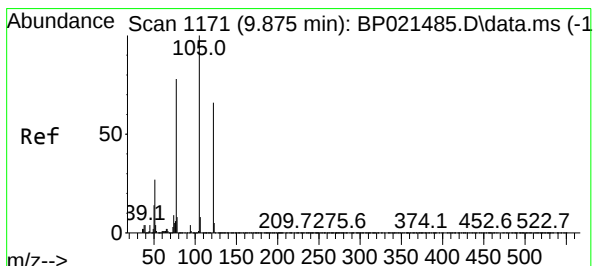
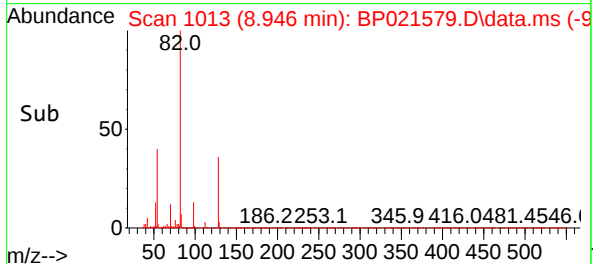
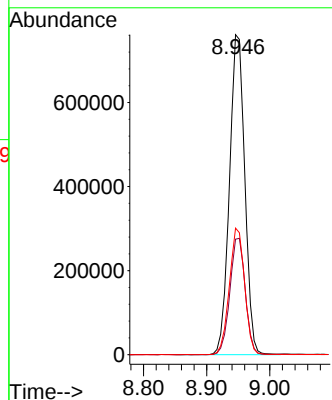
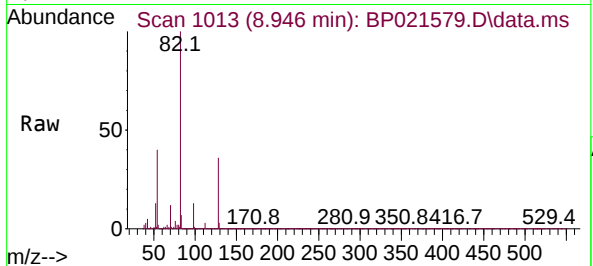




#23
Nitrobenzene-d5
Concen: 52.519 ng
RT: 8.946 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

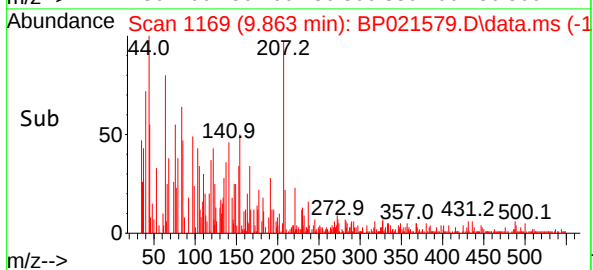
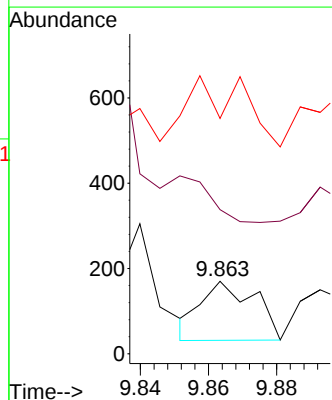
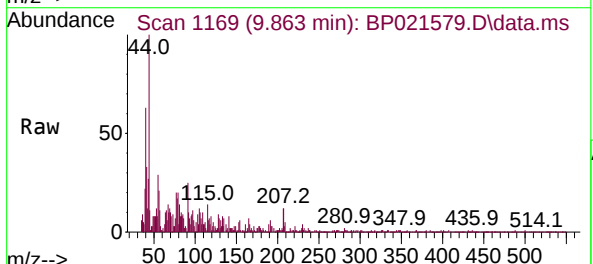
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

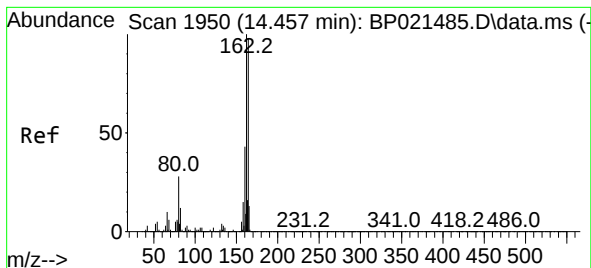
Tgt Ion: 82 Resp: 1282128
Ion Ratio Lower Upper
82 100
128 36.1 26.5 39.7
54 39.5 30.3 45.5



#32
Benzoic acid
Concen: 3.342 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion: 122 Resp: 151
Ion Ratio Lower Upper
122 100
105 198.8 124.6 164.6#
77 324.7 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524-FD

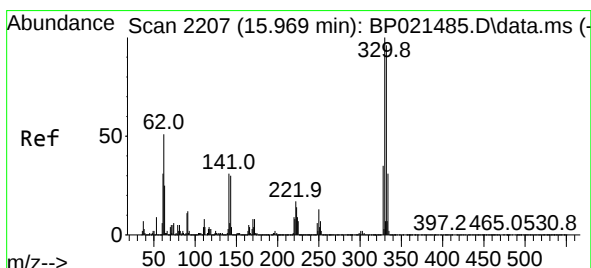
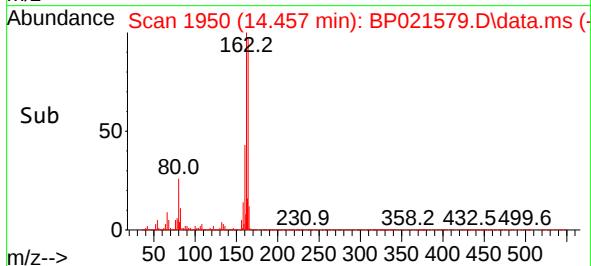
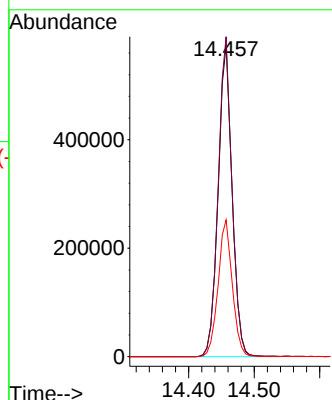
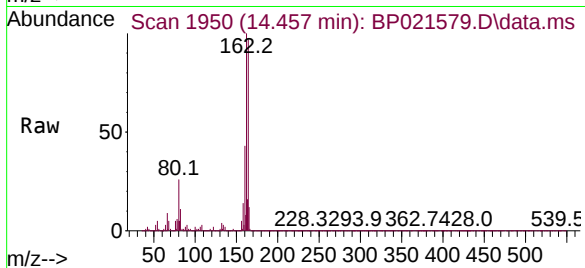
Tgt Ion:164 Resp: 848208

Ion Ratio Lower Upper

164 100

162 102.7 81.5 122.3

160 43.9 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 89.732 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

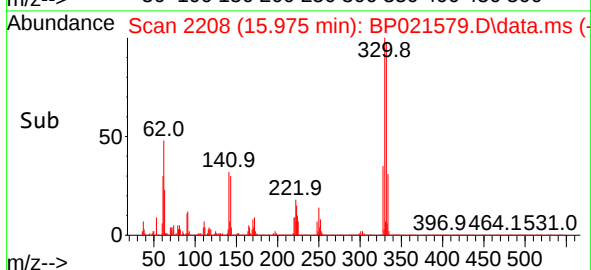
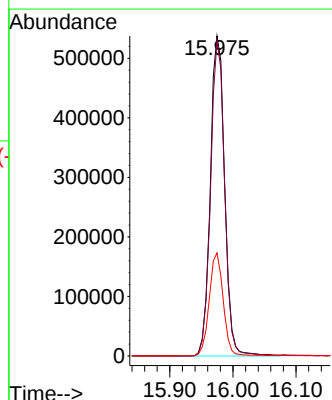
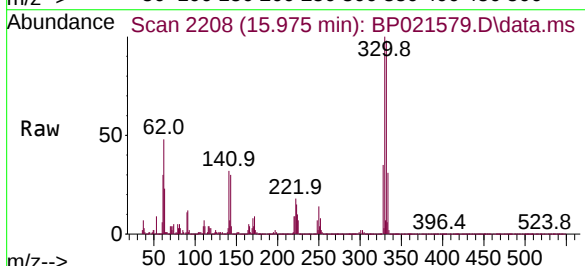
Tgt Ion:330 Resp: 847093

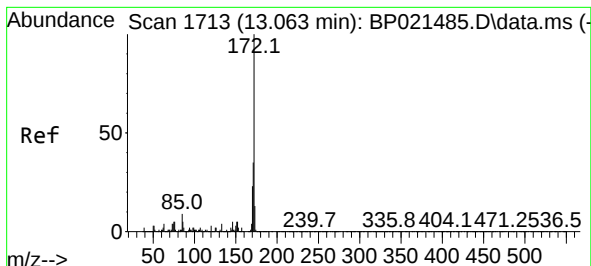
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 31.5 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 39.584 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524-FD

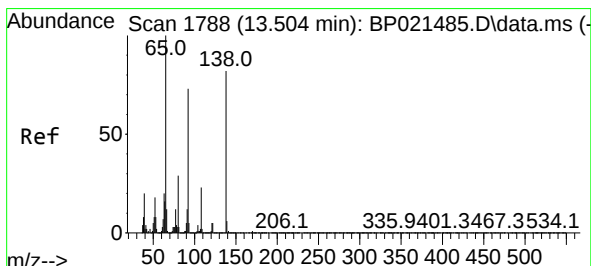
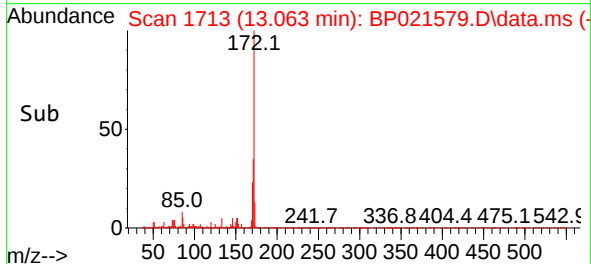
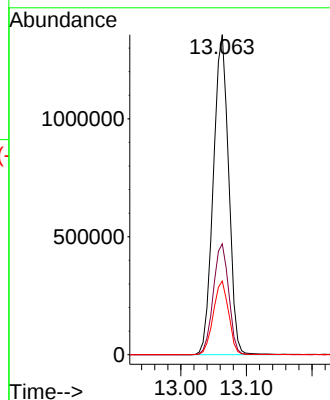
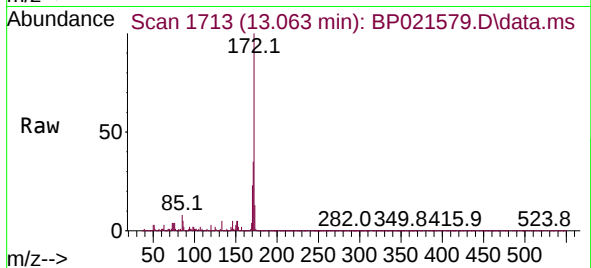
Tgt Ion:172 Resp: 2200018

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.0 18.4 27.6



#48

2-Nitroaniline

Concen: 5.190 ng

RT: 13.493 min Scan# 1786

Delta R.T. -0.011 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

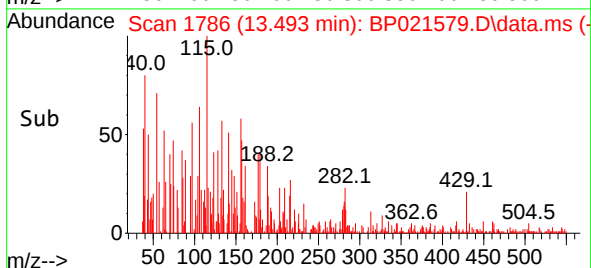
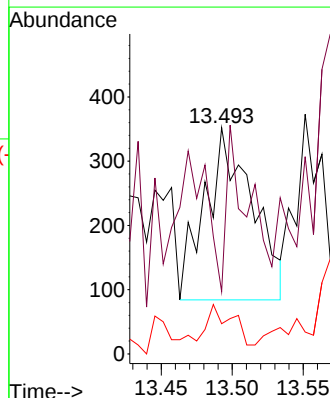
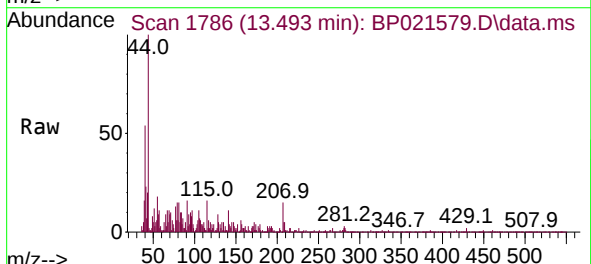
Tgt Ion: 65 Resp: 622

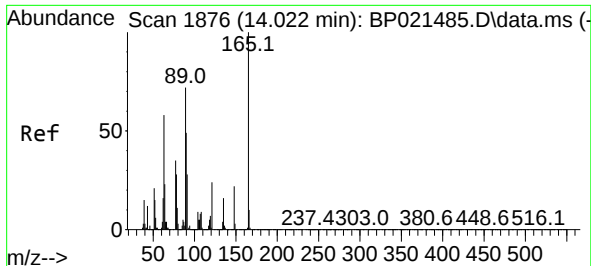
Ion Ratio Lower Upper

65 100

92 27.6 58.1 87.1#

138 20.5 65.5 98.3#

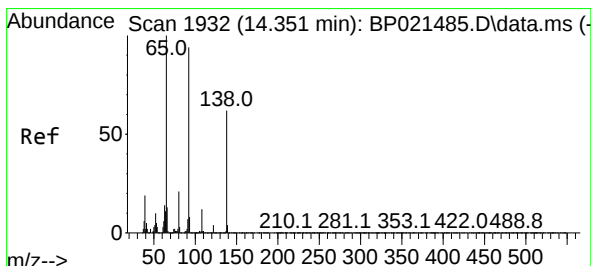
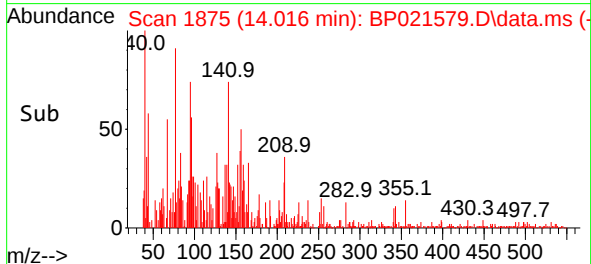
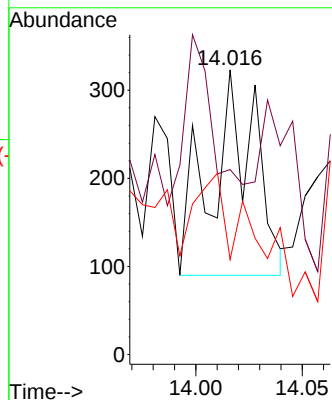
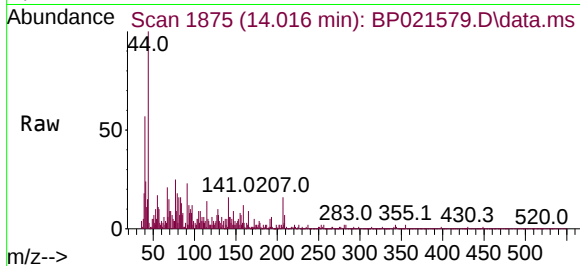




#51
2,6-Dinitrotoluene
Concen: 4.012 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

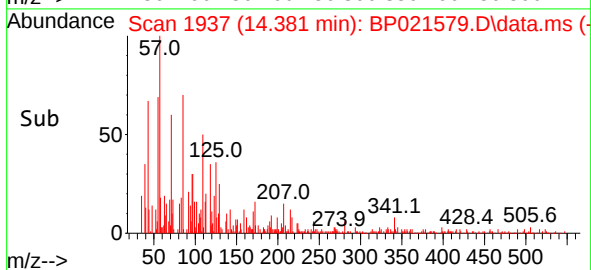
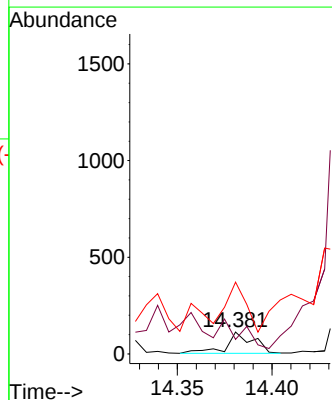
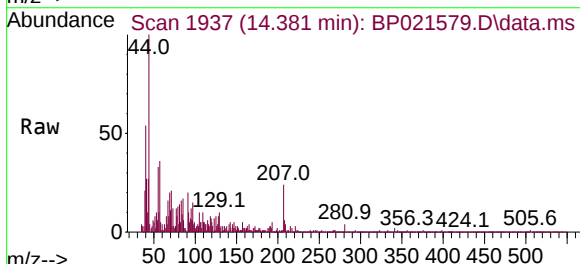
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

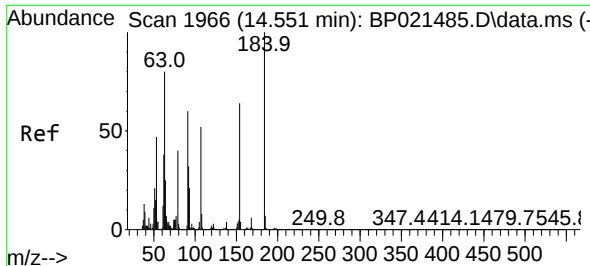
Tgt Ion:165 Resp: 327
Ion Ratio Lower Upper
165 100
63 65.0 51.5 77.3
89 33.4 57.8 86.8#



#53
3-Nitroaniline
Concen: 3.978 ng
RT: 14.381 min Scan# 1937
Delta R.T. 0.030 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion:138 Resp: 109
Ion Ratio Lower Upper
138 100
108 66.4 16.2 24.4#
92 328.3 122.2 183.4#

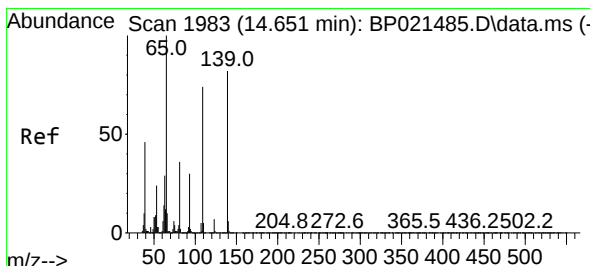
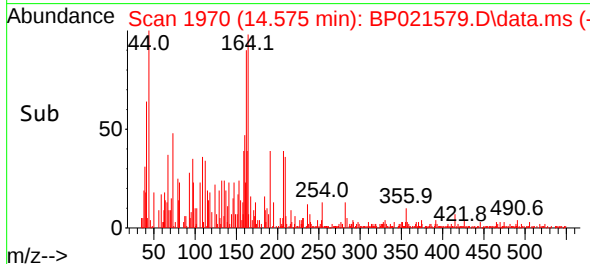
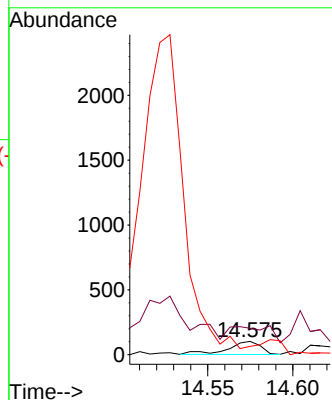
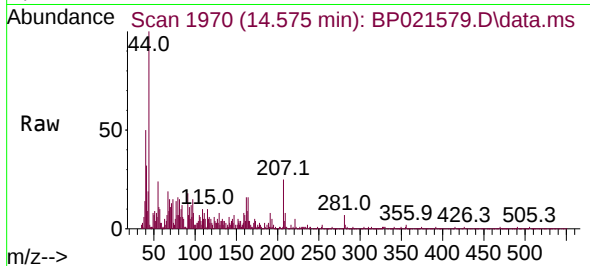




#54
2,4-Dinitrophenol
Concen: 2.496 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.024 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

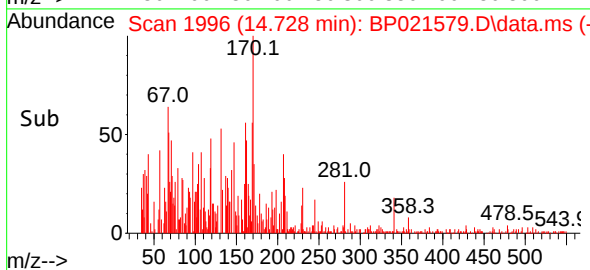
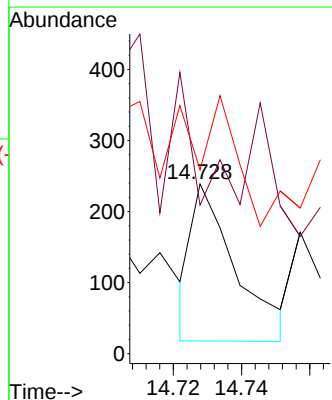
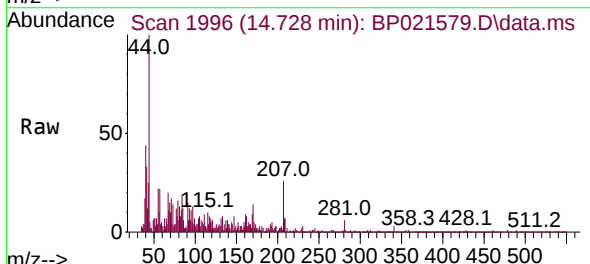
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

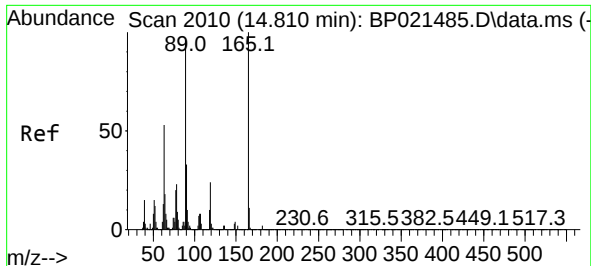
Tgt Ion:184 Resp: 137
Ion Ratio Lower Upper
184 100
63 200.0 64.9 97.3#
154 62.7 52.1 78.1



#56
4-Nitrophenol
Concen: 5.098 ng
RT: 14.728 min Scan# 1996
Delta R.T. 0.077 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion:139 Resp: 199
Ion Ratio Lower Upper
139 100
109 87.4 70.2 110.2
65 108.4 101.8 141.8

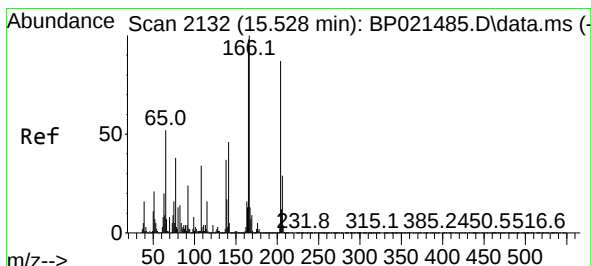
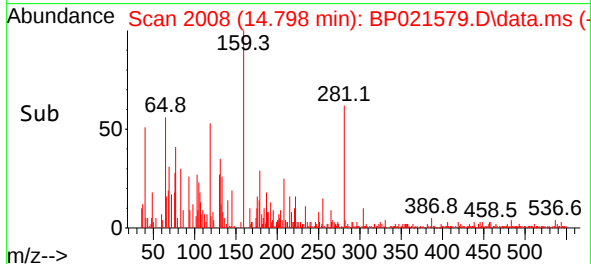
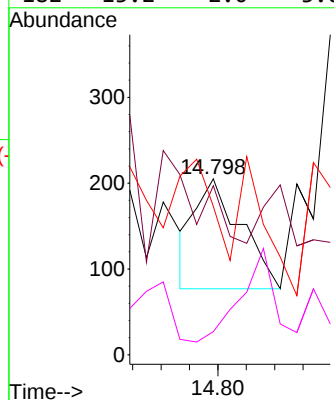
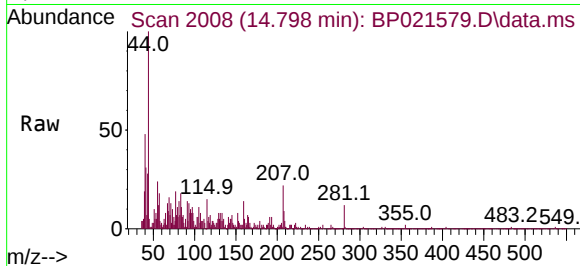




#57
2,4-Dinitrotoluene
Concen: 5.031 ng
RT: 14.798 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

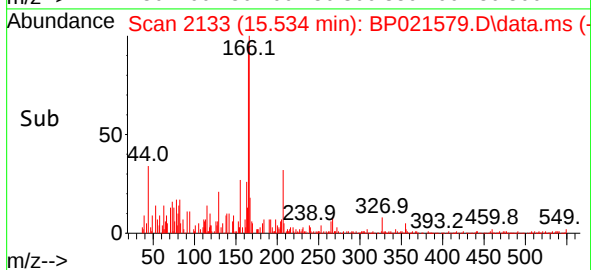
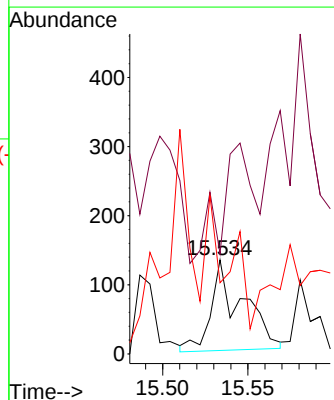
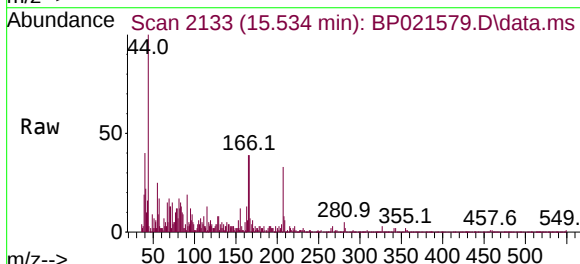
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

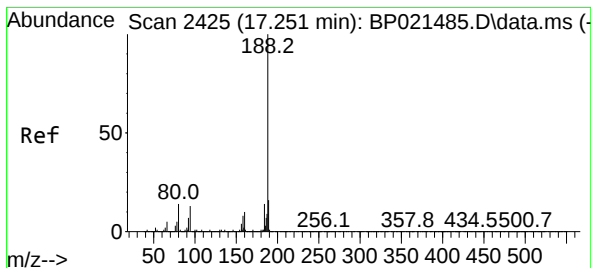
Tgt Ion:165 Resp: 143
Ion Ratio Lower Upper
165 100
63 96.1 42.5 63.7#
89 84.4 77.1 115.7
182 13.2 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.948 ng
RT: 15.534 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion:138 Resp: 168
Ion Ratio Lower Upper
138 100
92 106.6 46.4 86.4#
108 75.7 73.2 113.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 2425

Delta R.T. 0.018 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524-FD

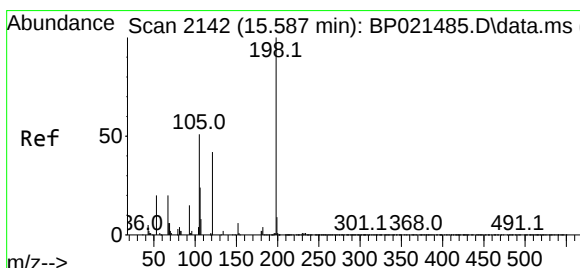
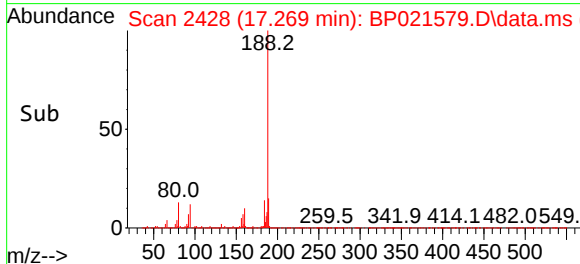
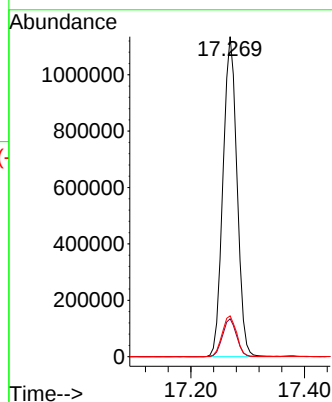
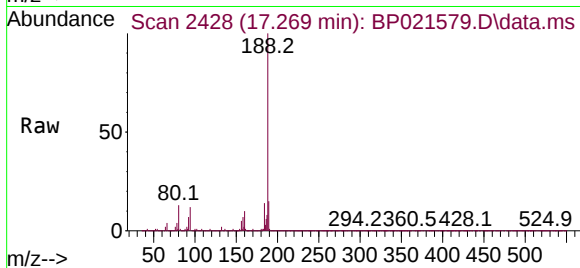
Tgt Ion:188 Resp: 1951418

Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.4

80 12.8 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.625 ng

RT: 15.598 min Scan# 2144

Delta R.T. 0.011 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

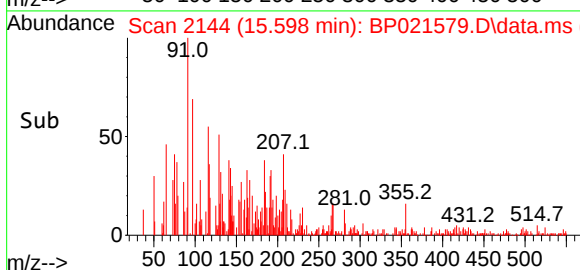
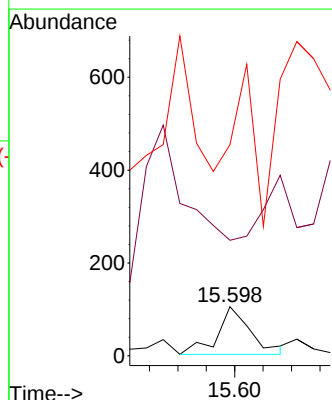
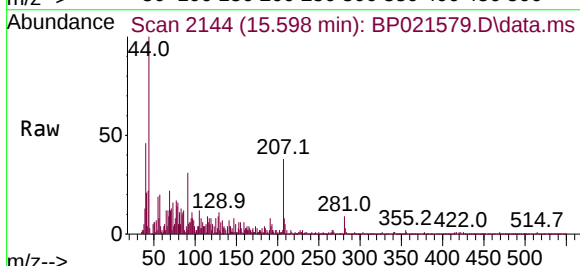
Tgt Ion:198 Resp: 84

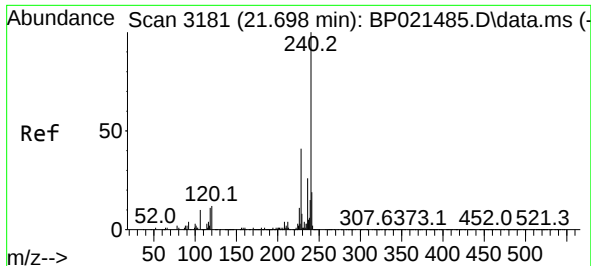
Ion Ratio Lower Upper

198 100

51 234.9 21.5 61.5#

105 429.2 32.9 72.9#

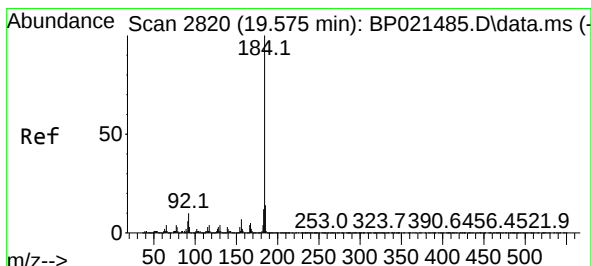
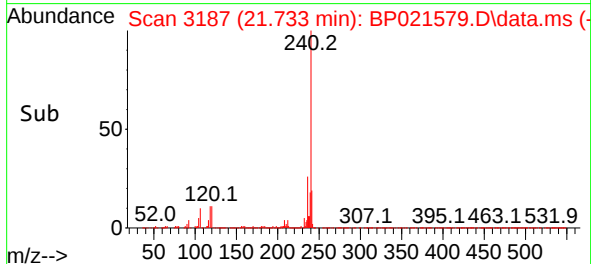
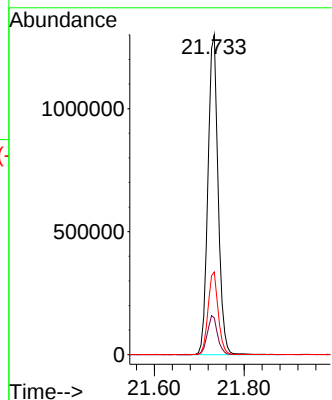
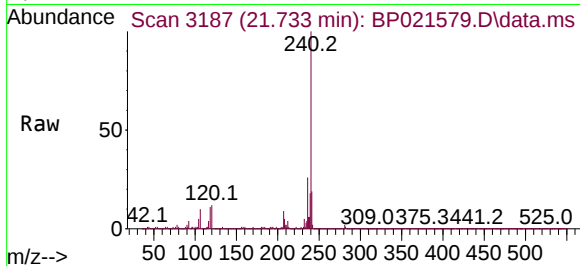




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3181
Delta R.T. 0.035 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

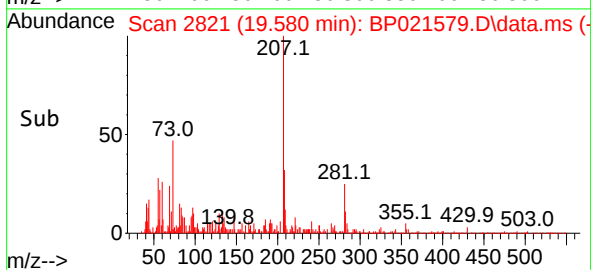
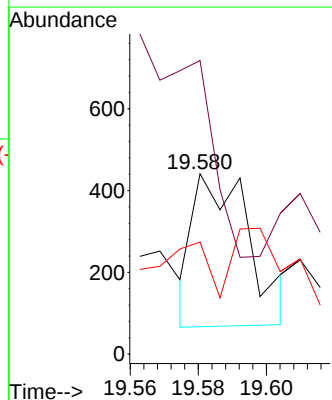
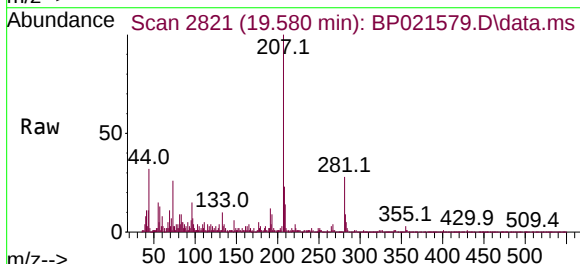
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

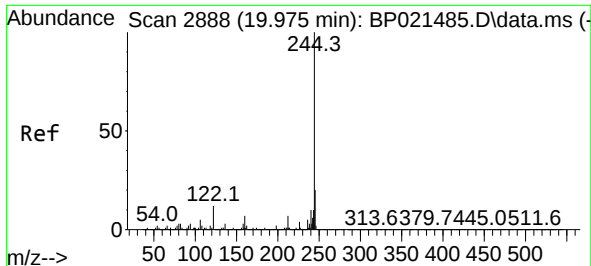
Tgt Ion:240 Resp: 2043803
Ion Ratio Lower Upper
240 100
120 11.5 9.9 14.9
236 25.9 20.6 30.8



#77
Benzidine
Concen: 4.579 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.005 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion:184 Resp: 429
Ion Ratio Lower Upper
184 100
185 162.8 11.4 17.0#
183 62.1 9.3 13.9#

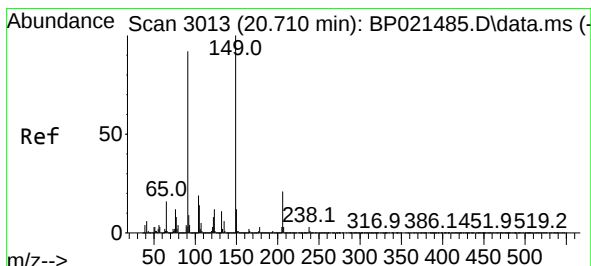
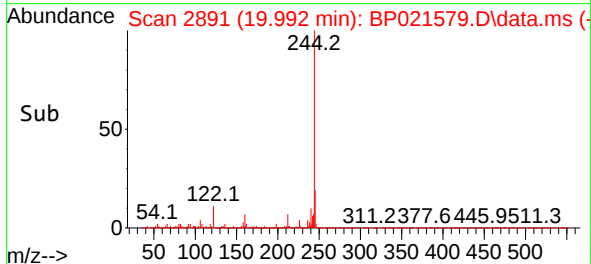
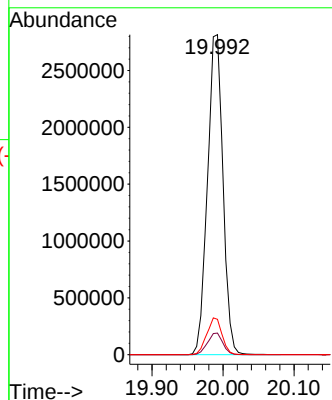
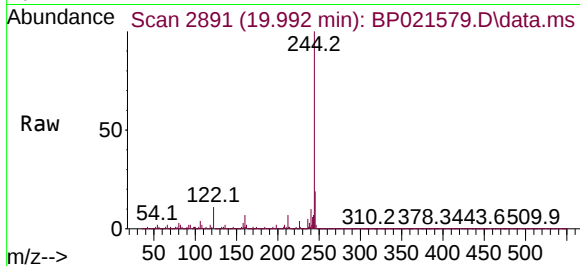




#79
 Terphenyl-d14
 Concen: 40.599 ng
 RT: 19.992 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BP021579.D
 Acq: 20 Aug 2024 19:34

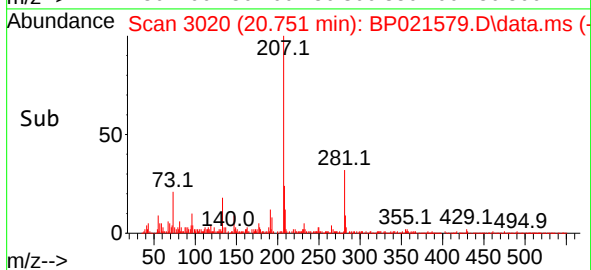
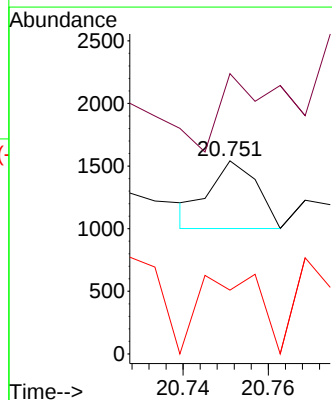
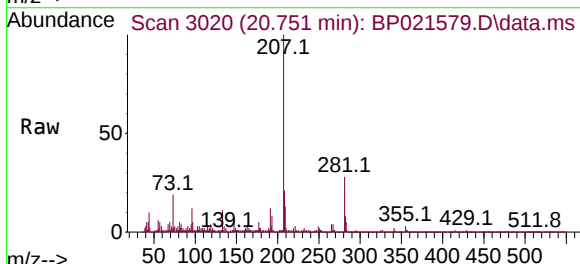
Instrument :
 BNA_P
 ClientSampleId :
 921-J-SD-0.5-1.0-081524-FD

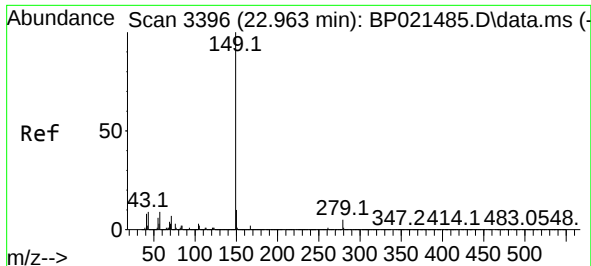
Tgt Ion:244 Resp: 4271145
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.610 ng
 RT: 20.751 min Scan# 3020
 Delta R.T. 0.041 min
 Lab File: BP021579.D
 Acq: 20 Aug 2024 19:34

Tgt Ion:149 Resp: 413
 Ion Ratio Lower Upper
 149 100
 91 145.1 73.3 109.9#
 206 33.0 17.1 25.7#

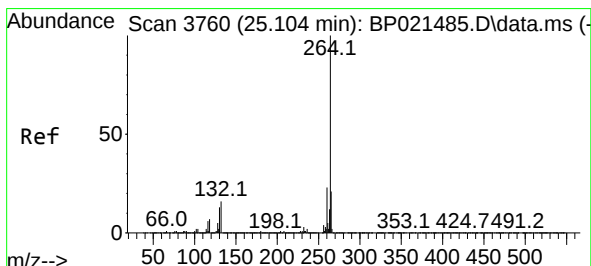
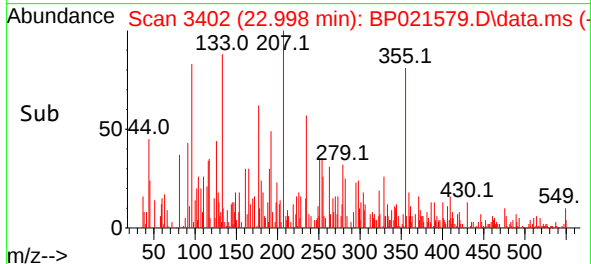
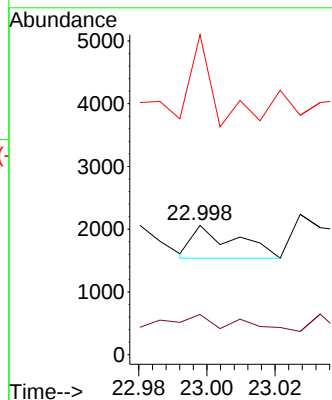
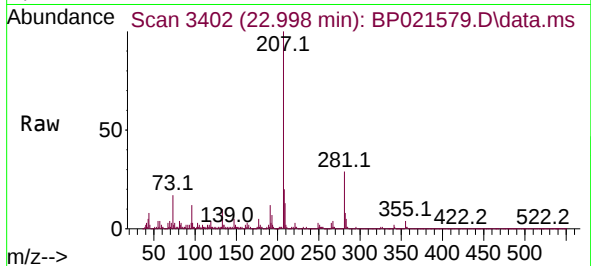




#85
Di-n-octyl phthalate
Concen: 4.839 ng
RT: 22.998 min Scan# 3402
Delta R.T. 0.035 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Instrument : BNA_P
ClientSampleId : 921-J-SD-0.5-1.0-081524-FD

Tgt Ion:149 Resp: 464
Ion Ratio Lower Upper
149 100
167 49.8 1.3 1.9#
43 148.1 7.3 10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 3774
Delta R.T. 0.082 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion:264 Resp: 2283218
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.1 17.1 25.7

