

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021602.D
 Acq On : 21 Aug 2024 18:08
 Operator : RC/JU
 Sample : P3617-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Field Blank

Quant Time: Aug 22 00:20:16 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)

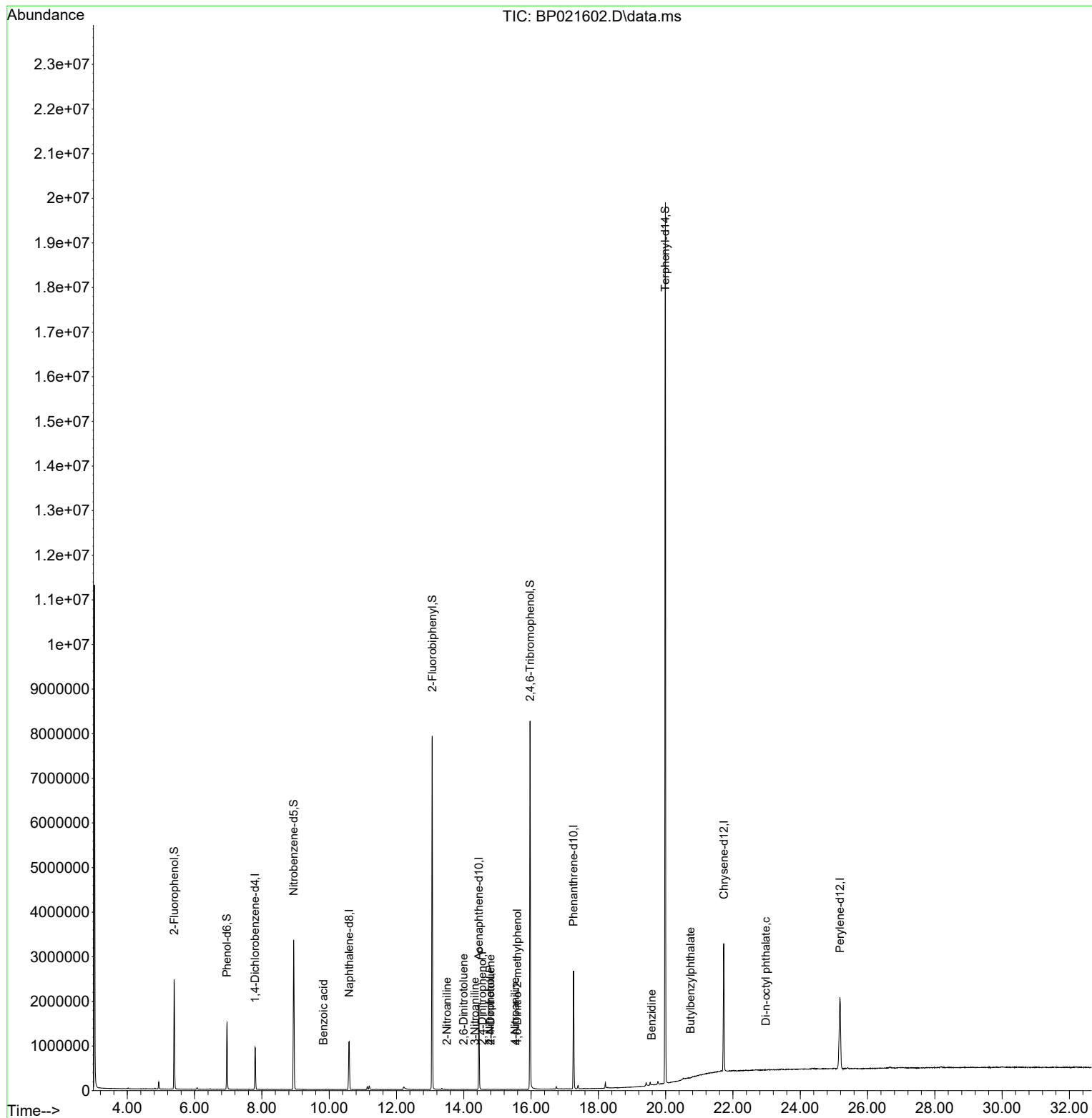
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	252809	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	1002689	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	670558	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1647270	20.000	ng	0.01
76) Chrysene-d12	21.727	240	1735021	20.000	ng	0.03
86) Perylene-d12	25.180	264	1891478	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1156998	67.956	ng	0.00
7) Phenol-d6	6.963	99	978428	39.395	ng	0.00
23) Nitrobenzene-d5	8.946	82	2122867	109.278	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1568727	210.199	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3972812	90.419	ng	0.00
79) Terphenyl-d14	19.992	244	10278440	115.089	ng	0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.675	139	126	Below Cal	#	1
32) Benzoic acid	9.828	122	2156	3.728	ng	# 68
48) 2-Nitroaniline	13.498	65	109	5.157	ng	# 25
51) 2,6-Dinitrotoluene	13.992	165	684	4.055	ng	96
53) 3-Nitroaniline	14.328	138	45	3.974	ng	# 1
54) 2,4-Dinitrophenol	14.545	184	59	2.466	ng	# 1
56) 4-Nitrophenol	14.787	139	167	5.100	ng	87
57) 2,4-Dinitrotoluene	14.798	165	429	5.056	ng	# 94
62) 4-Nitroaniline	15.528	138	47	2.940	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.586	198	20	4.611	ng	# 1
77) Benzidine	19.586	184	4832	4.663	ng	# 92
80) Butylbenzylphthalate	20.739	149	482	3.613	ng	# 83
85) Di-n-octyl phthalate	22.980	149	3085	4.861	ng	# 52

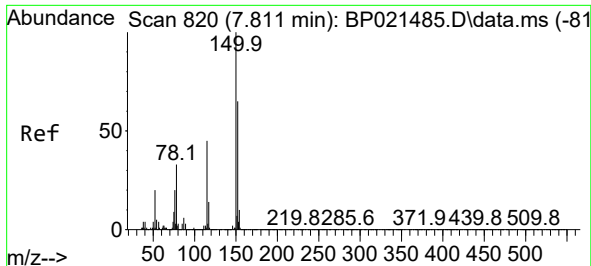
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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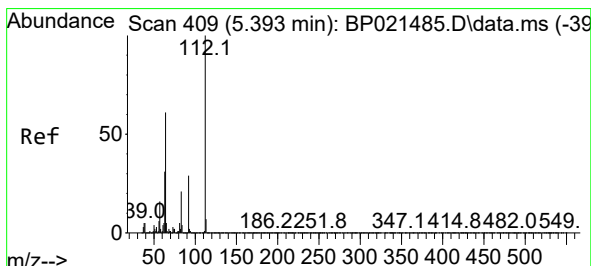
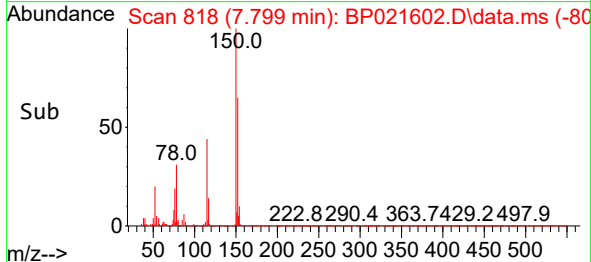
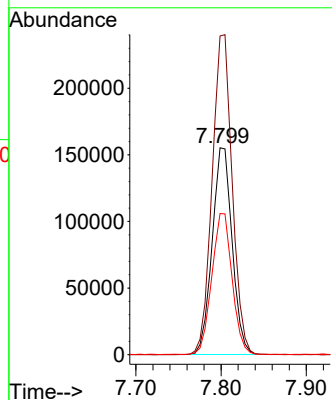
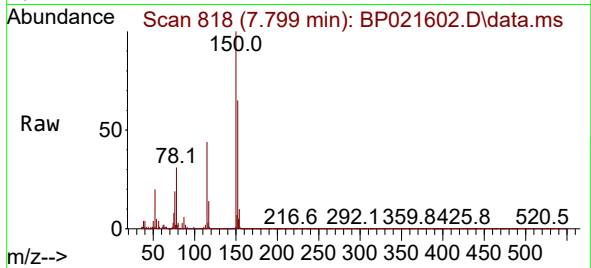




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

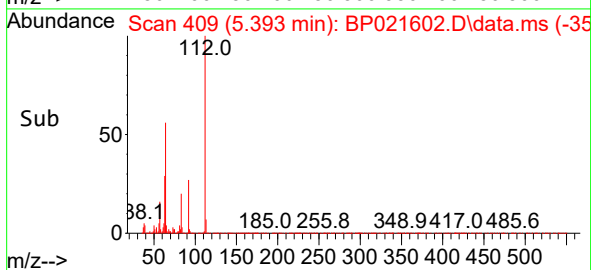
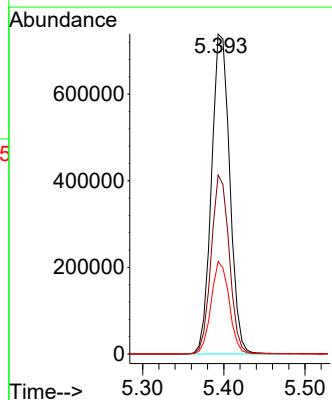
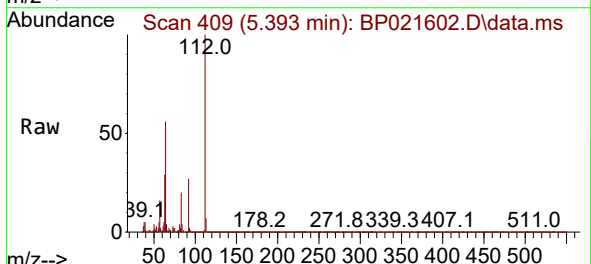
Instrument :
BNA_P
ClientSampleId :
Field Blank

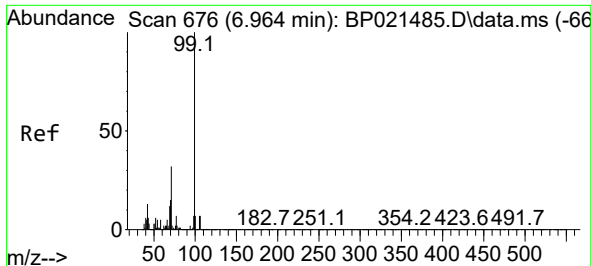
Tgt Ion:152 Resp: 252809
Ion Ratio Lower Upper
152 100
150 154.1 122.4 183.6
115 68.2 54.7 82.1



#5
2-Fluorophenol
Concen: 67.956 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

Tgt Ion:112 Resp: 1156998
Ion Ratio Lower Upper
112 100
64 55.9 49.0 73.6
63 28.9 24.6 36.8

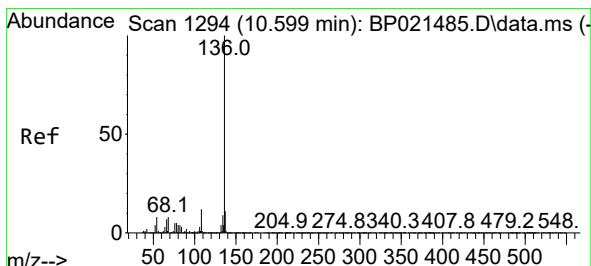
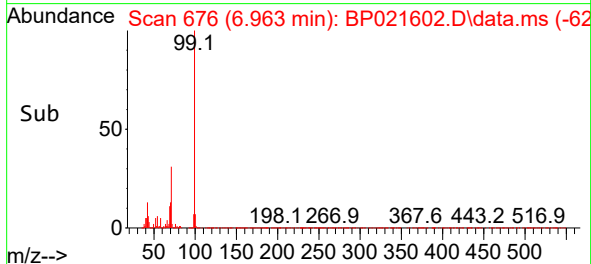
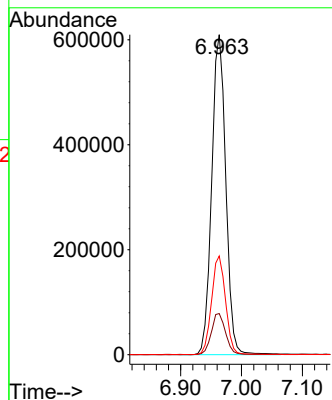
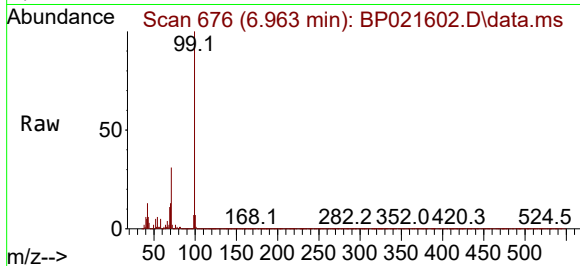




#7
Phenol-d6
Concen: 39.395 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

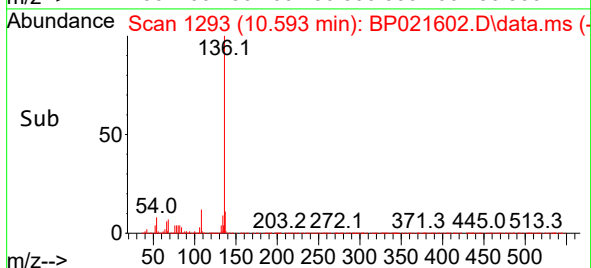
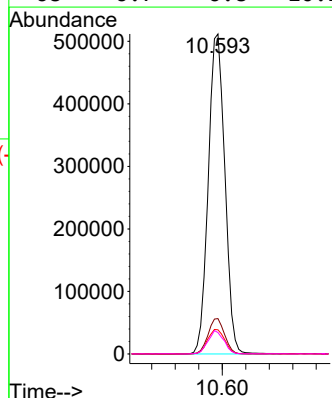
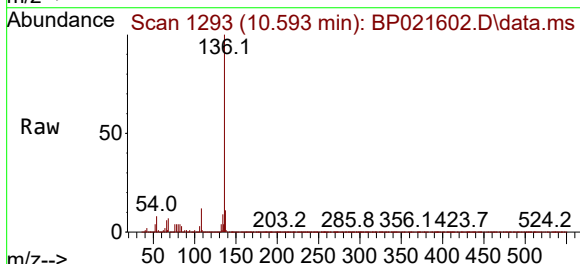
Instrument :
BNA_P
ClientSampleId :
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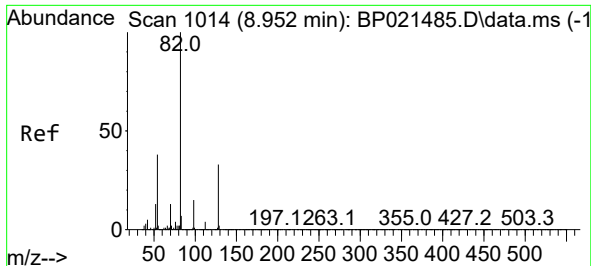
Tgt Ion: 99 Resp: 978428
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 30.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

Tgt Ion:136 Resp: 1002689
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 6.3 9.5
68 6.7 6.8 10.2#

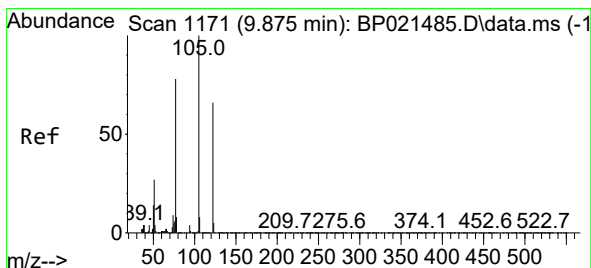
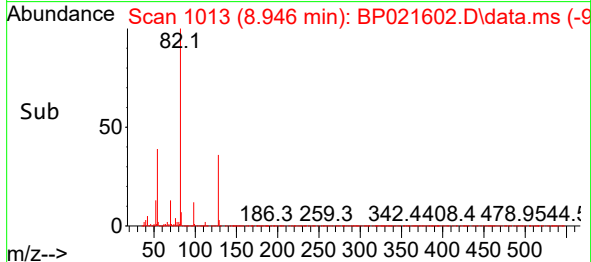
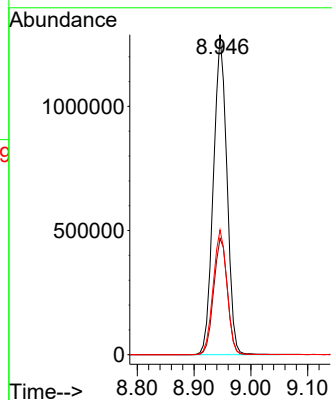
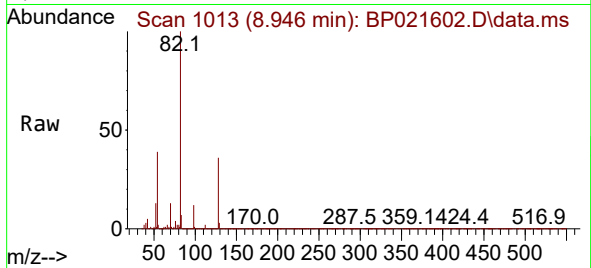




#23
Nitrobenzene-d5
Concen: 109.278 ng
RT: 8.946 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

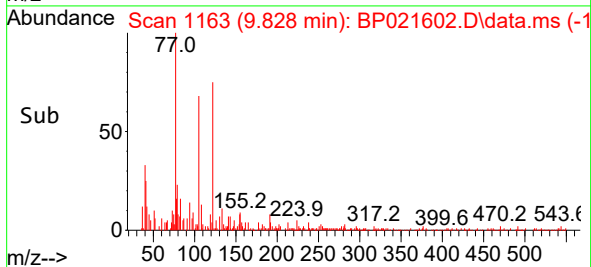
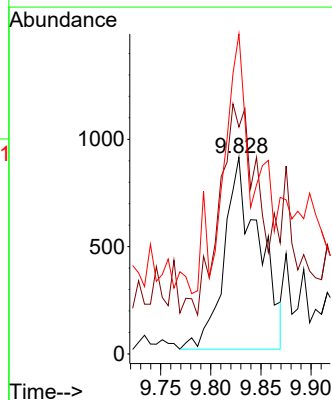
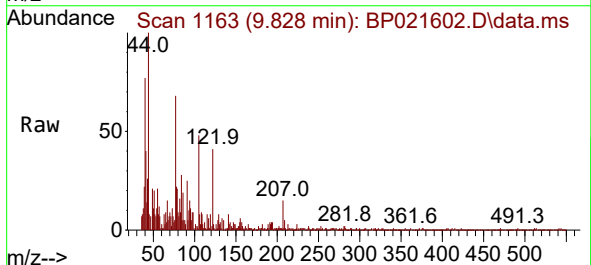
Instrument :
BNA_P
ClientSampleId :
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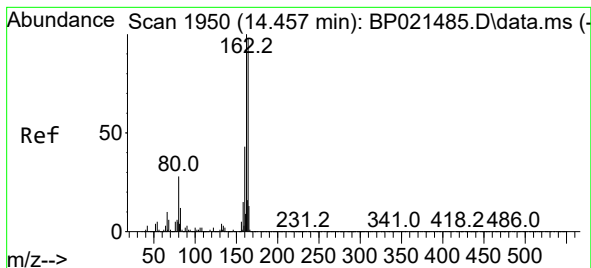
Tgt Ion: 82 Resp: 2122867
Ion Ratio Lower Upper
82 100
128 36.4 26.5 39.7
54 39.0 30.3 45.5



#32
Benzoic acid
Concen: 3.728 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.047 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

Tgt Ion: 122 Resp: 2156
Ion Ratio Lower Upper
122 100
105 115.4 124.6 164.6#
77 162.8 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

Instrument :

BNA_P

ClientSampleId :

Field Blank

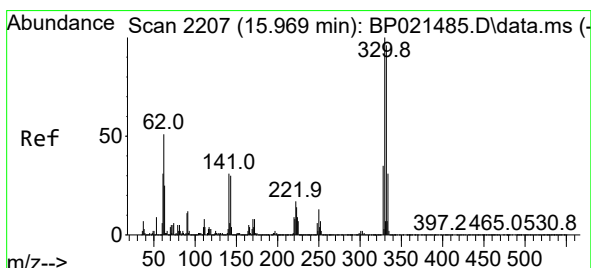
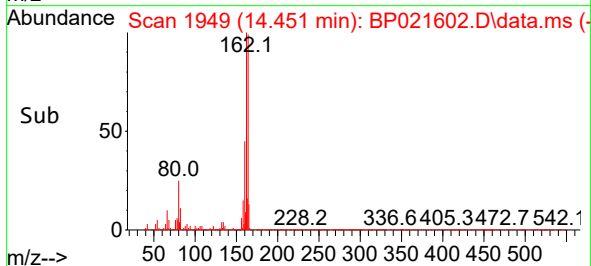
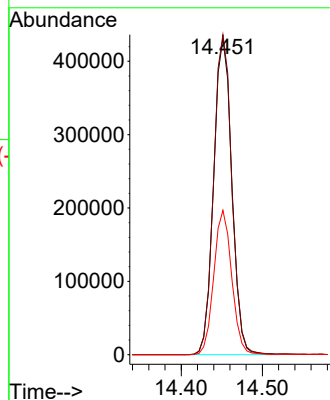
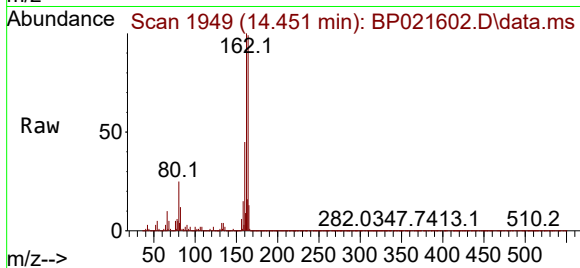
Tgt Ion:164 Resp: 670558

Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 45.6 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 210.199 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

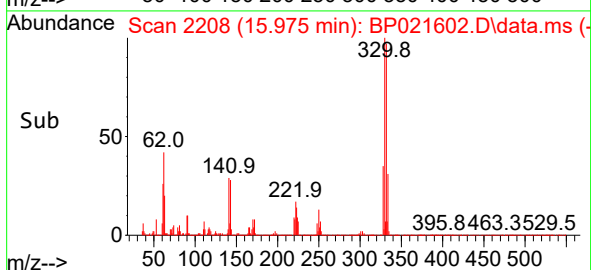
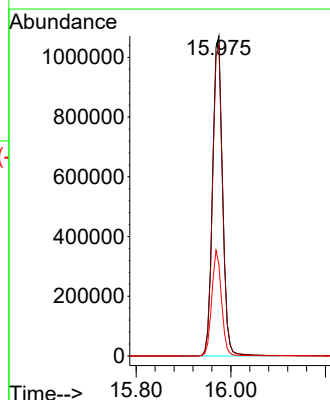
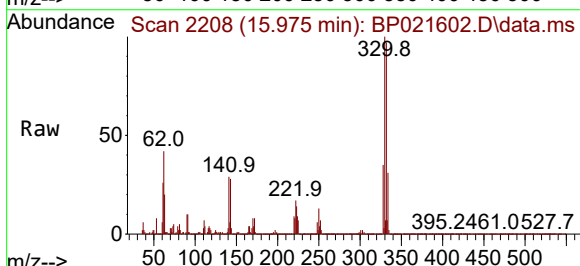
Tgt Ion:330 Resp: 1568727

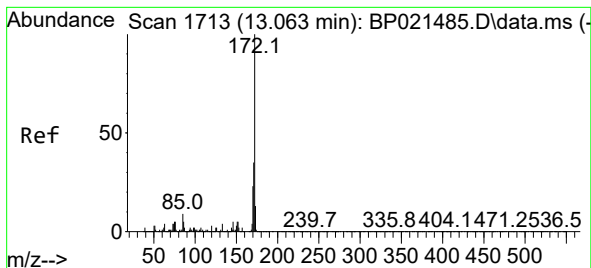
Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 32.3 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 90.419 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

Instrument :

BNA_P

ClientSampleId :

Field Blank

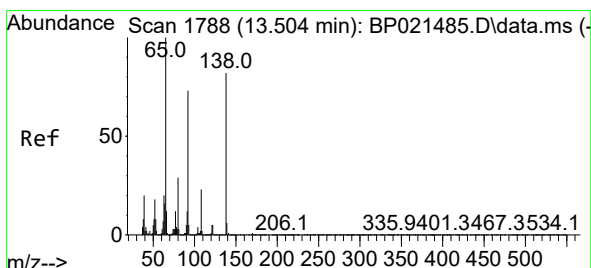
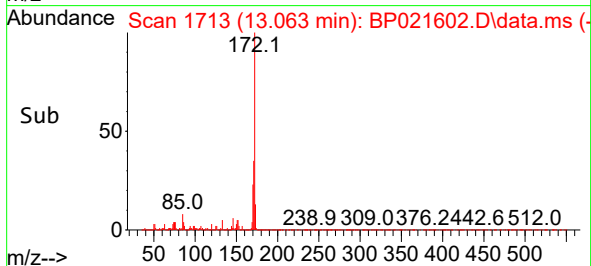
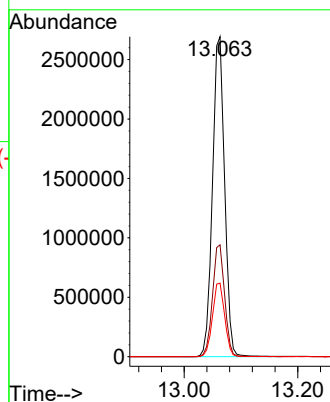
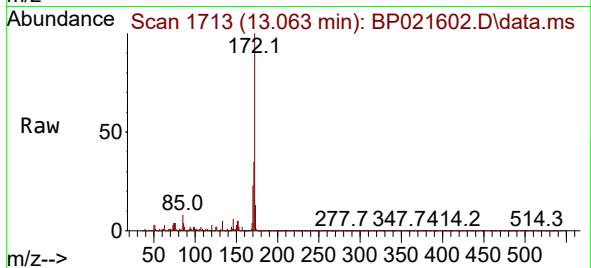
Tgt Ion:172 Resp: 3972812

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.0 18.4 27.6



#48

2-Nitroaniline

Concen: 5.157 ng

RT: 13.498 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

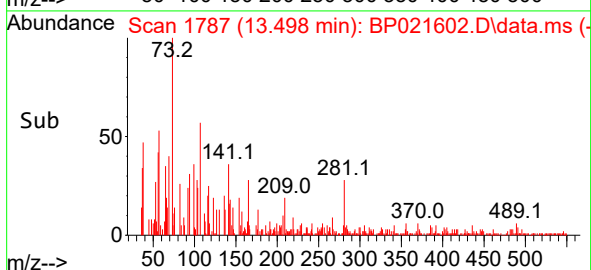
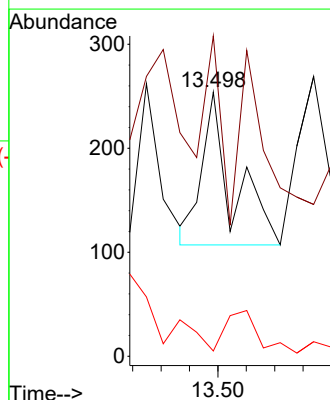
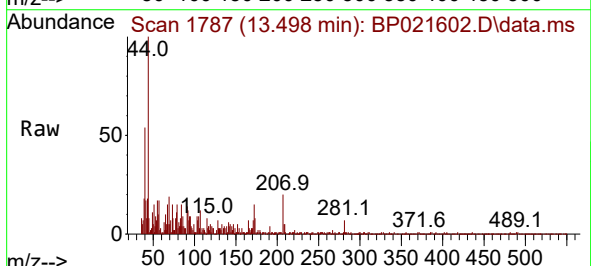
Tgt Ion: 65 Resp: 109

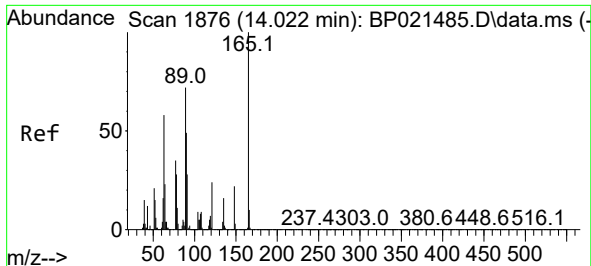
Ion Ratio Lower Upper

65 100

92 121.3 58.1 87.1#

138 2.0 65.5 98.3#

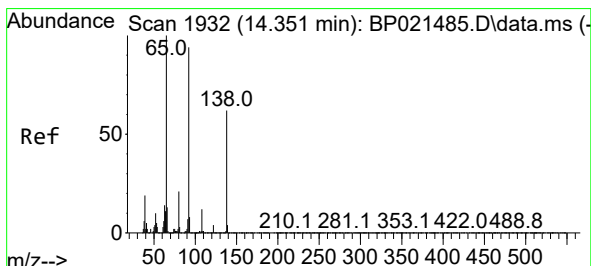
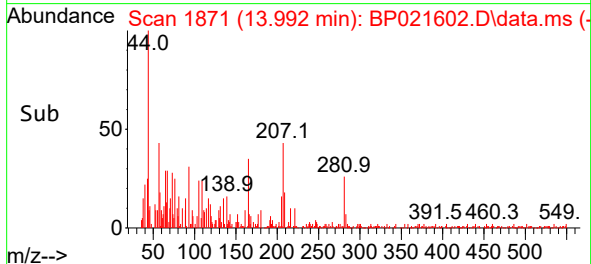
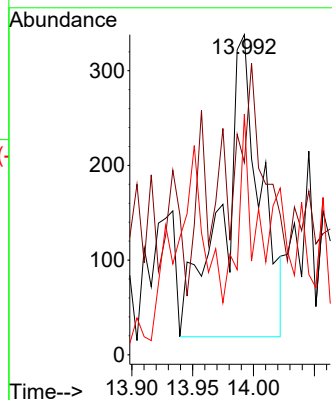
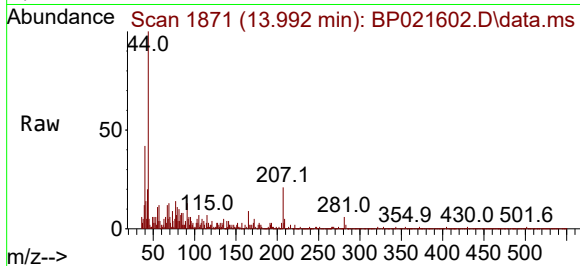




#51
2,6-Dinitrotoluene
Concen: 4.055 ng
RT: 13.992 min Scan# 1876
Delta R.T. -0.030 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

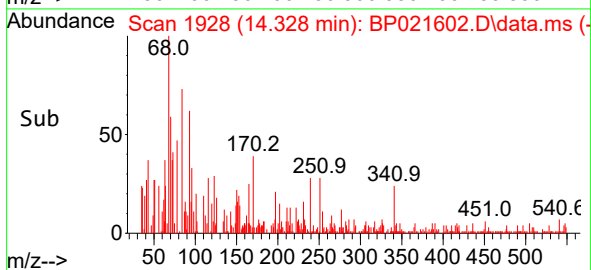
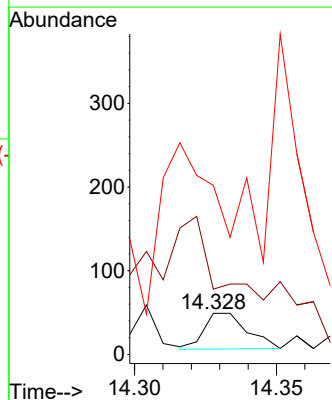
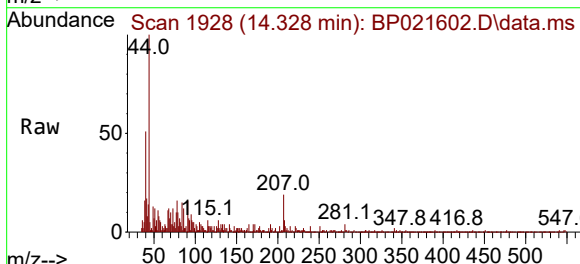
Instrument :
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ClientSampleId :
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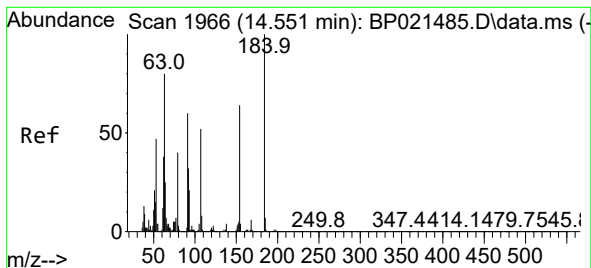
Tgt Ion:165 Resp: 684
Ion Ratio Lower Upper
165 100
63 60.1 51.5 77.3
89 75.1 57.8 86.8



#53
3-Nitroaniline
Concen: 3.974 ng
RT: 14.328 min Scan# 1928
Delta R.T. -0.023 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

Tgt Ion:138 Resp: 45
Ion Ratio Lower Upper
138 100
108 159.2 16.2 24.4#
92 412.2 122.2 183.4#





#54

2,4-Dinitrophenol

Concen: 2.466 ng

RT: 14.545 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

Instrument :

BNA_P

ClientSampleId :

Field Blank

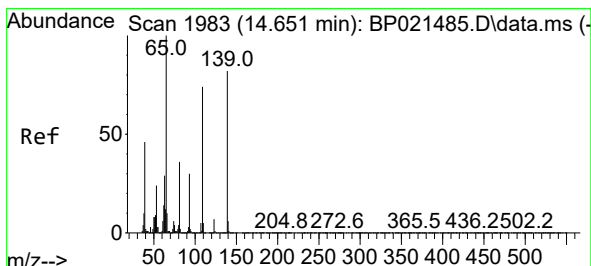
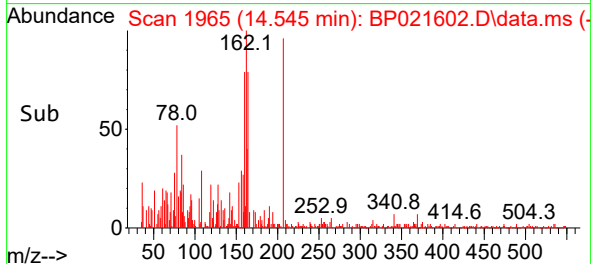
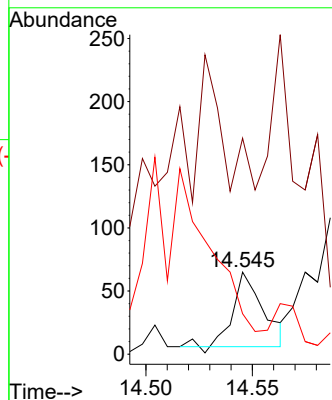
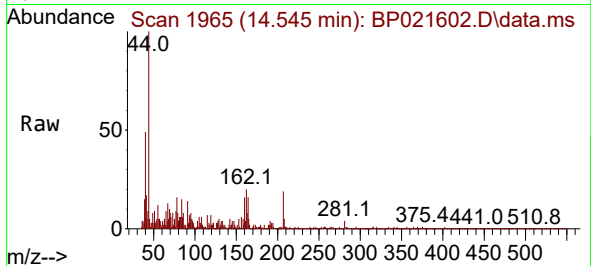
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 263.1 64.9 97.3#

154 49.2 52.1 78.1#



#56

4-Nitrophenol

Concen: 5.100 ng

RT: 14.787 min Scan# 2006

Delta R.T. 0.136 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

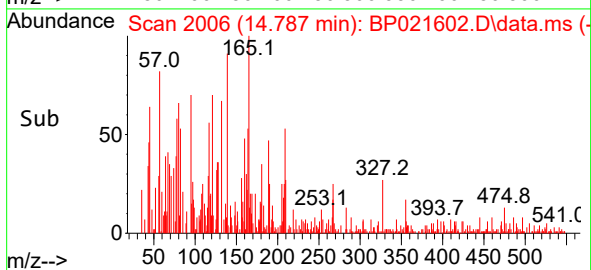
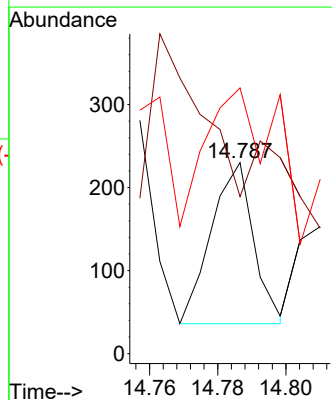
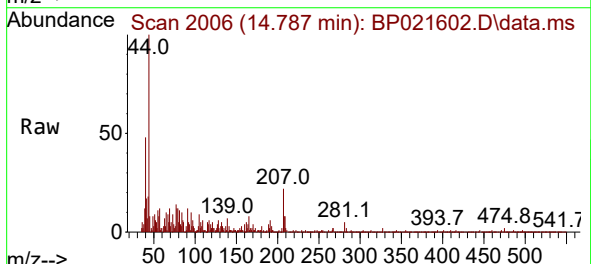
Tgt Ion:139 Resp: 167

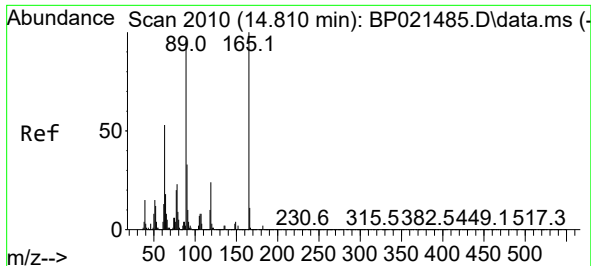
Ion Ratio Lower Upper

139 100

109 82.2 70.2 110.2

65 139.1 101.8 141.8

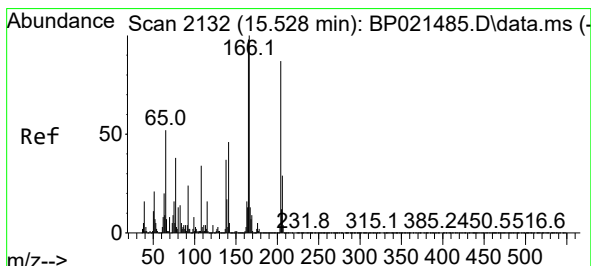
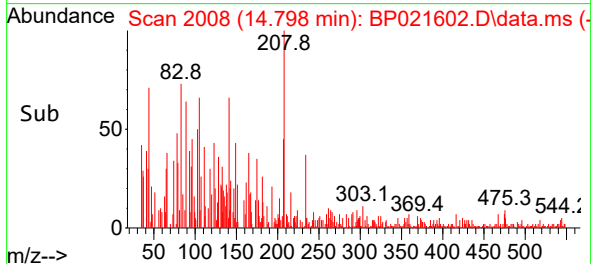
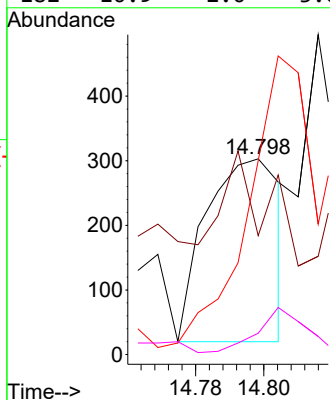
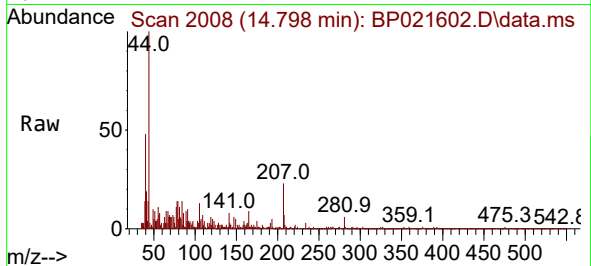




#57
2,4-Dinitrotoluene
Concen: 5.056 ng
RT: 14.798 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

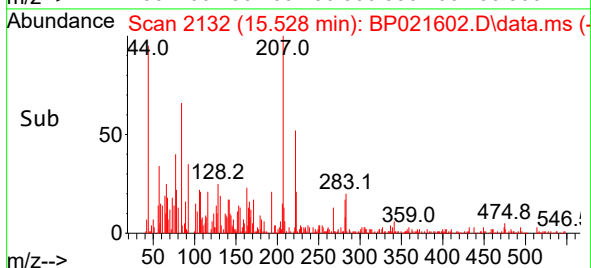
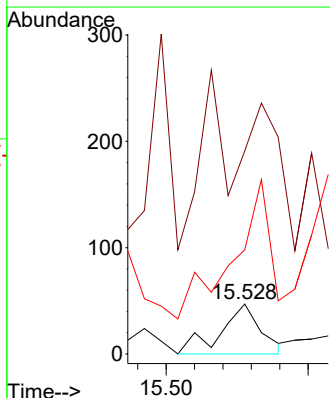
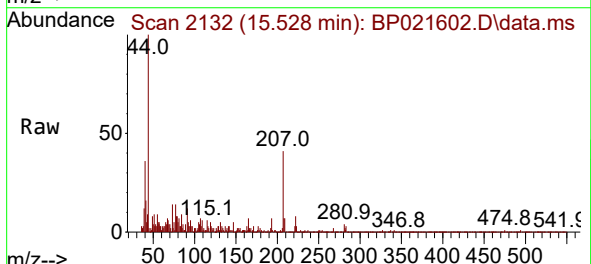
Instrument :
BNA_P
ClientSampleId :
Field Blank

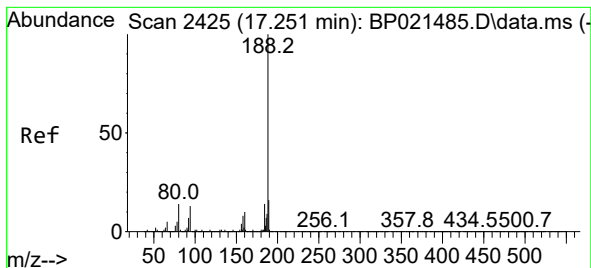
Tgt Ion:165 Resp: 429
Ion Ratio Lower Upper
165 100
63 60.7 42.5 63.7
89 99.0 77.1 115.7
182 10.9 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.940 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021602.D
Acq: 21 Aug 2024 18:08

Tgt Ion:138 Resp: 47
Ion Ratio Lower Upper
138 100
92 303.2 46.4 86.4#
108 155.6 73.2 113.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

Instrument :

BNA_P

ClientSampleId :

Field Blank

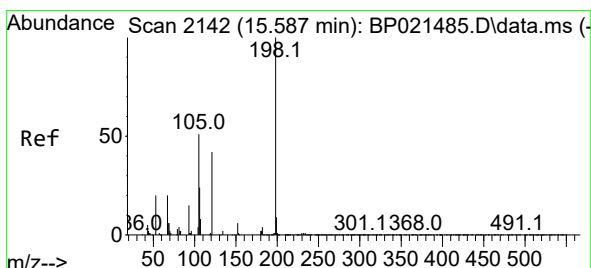
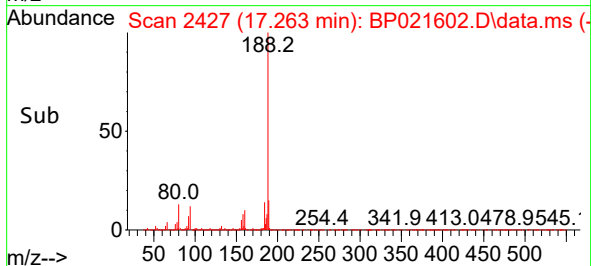
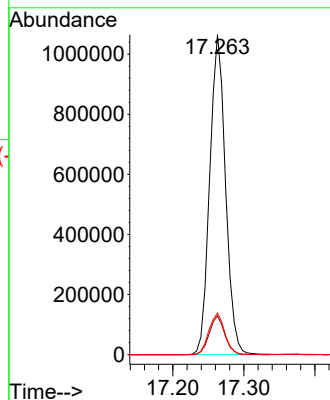
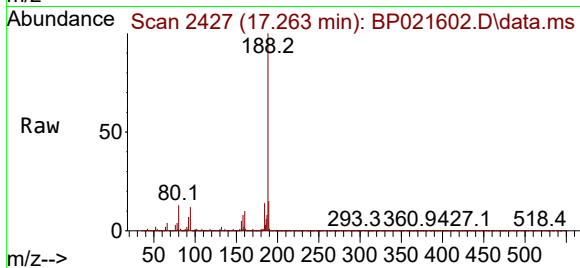
Tgt Ion:188 Resp: 1647270

Ion Ratio Lower Upper

188 100

94 12.2 10.2 15.4

80 13.0 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.611 ng

RT: 15.586 min Scan# 2142

Delta R.T. -0.001 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

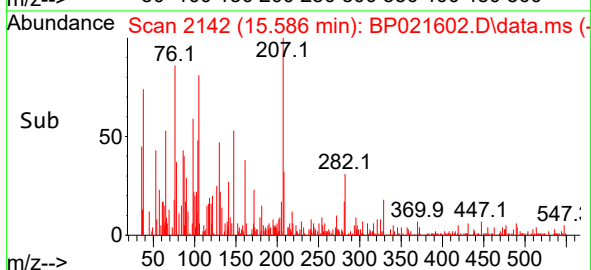
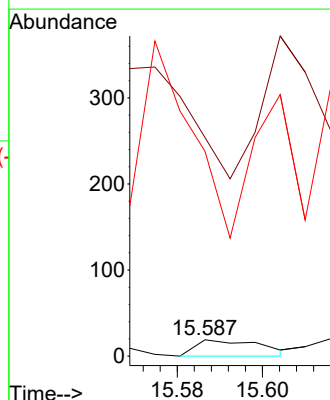
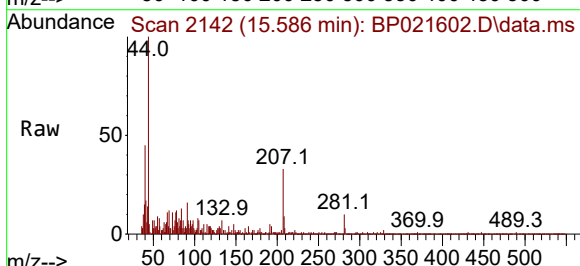
Tgt Ion:198 Resp: 20

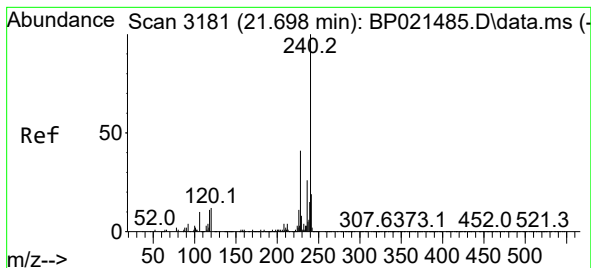
Ion Ratio Lower Upper

198 100

51 1336.8 21.5 61.5#

105 1252.6 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3186

Delta R.T. 0.029 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

Instrument :

BNA_P

ClientSampleId :

Field Blank

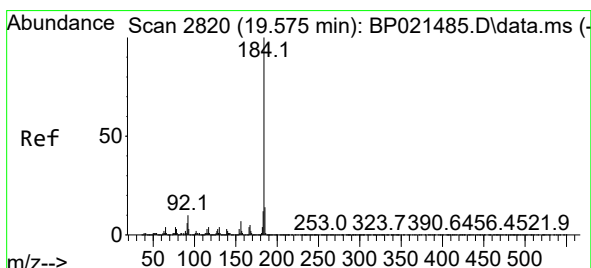
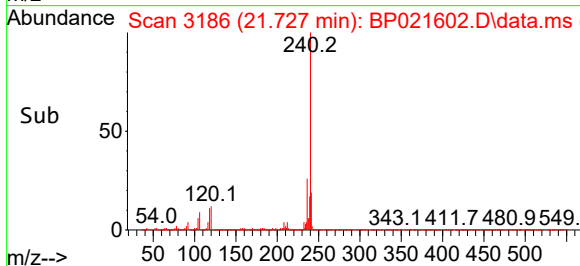
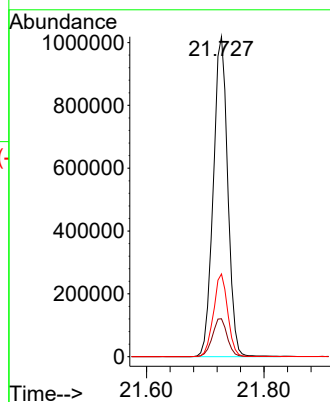
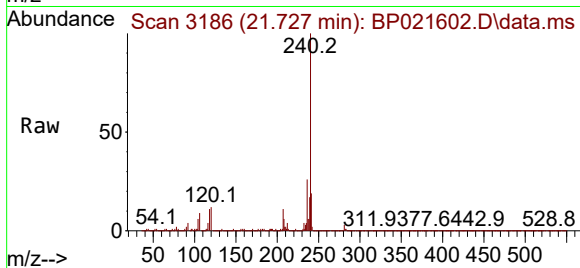
Tgt Ion:240 Resp: 1735021

Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

236 25.9 20.6 30.8



#77

Benzidine

Concen: 4.663 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.011 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

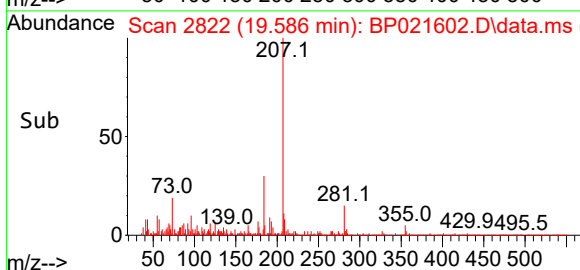
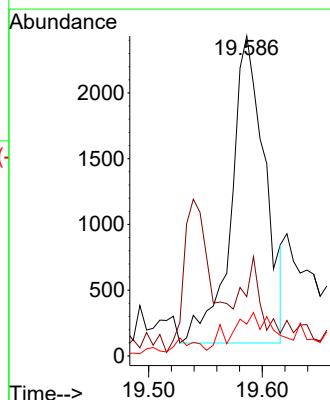
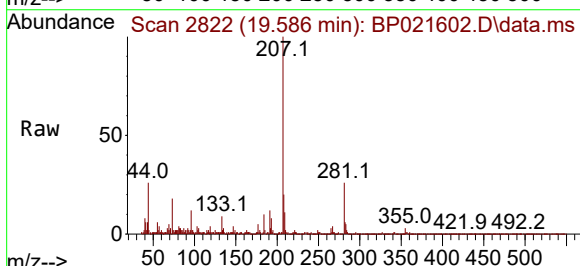
Tgt Ion:184 Resp: 4832

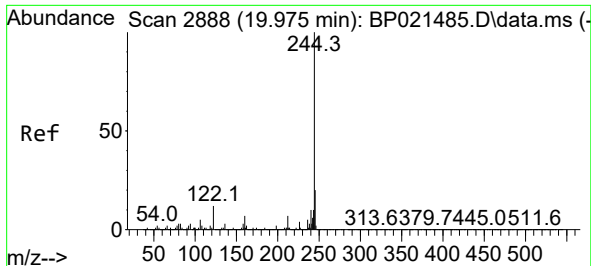
Ion Ratio Lower Upper

184 100

185 18.5 11.4 17.0#

183 9.9 9.3 13.9

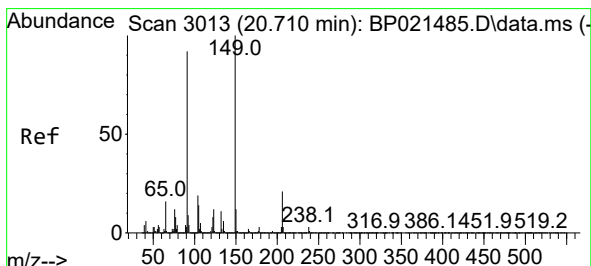
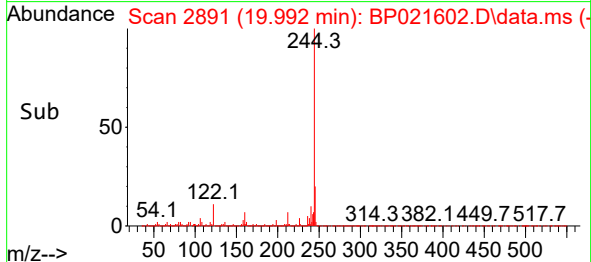
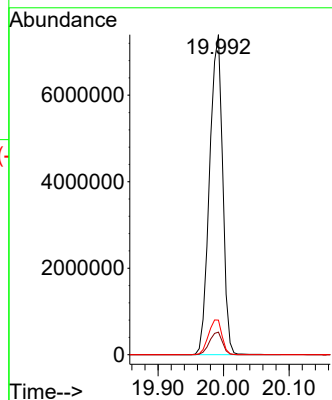
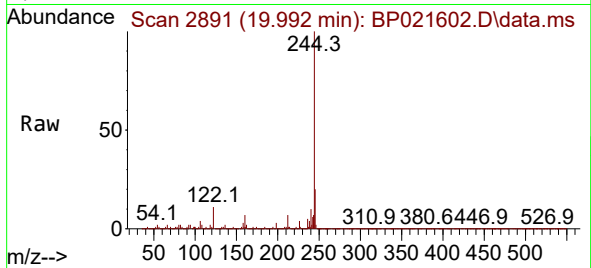




#79
 Terphenyl-d14
 Concen: 115.089 ng
 RT: 19.992 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BP021602.D
 Acq: 21 Aug 2024 18:08

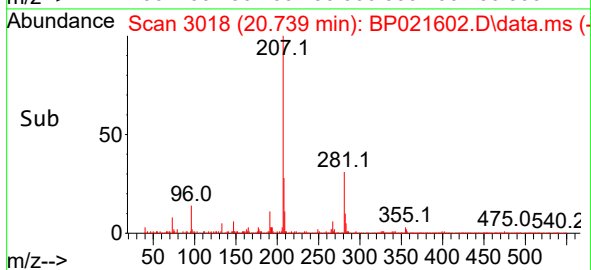
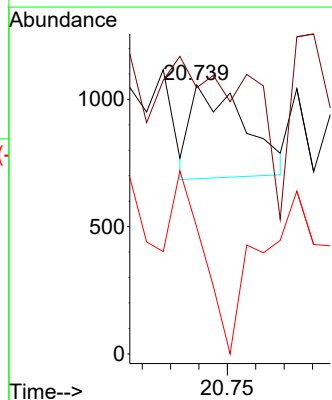
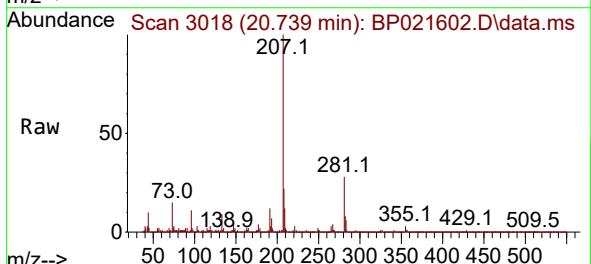
Instrument :
 BNA_P
 ClientSampleId :
 Field Blank

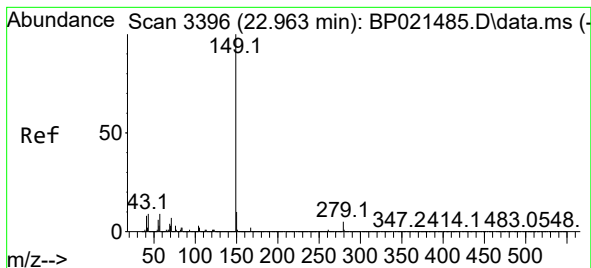
Tgt Ion:244 Resp:10278440
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.8 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.613 ng
 RT: 20.739 min Scan# 3018
 Delta R.T. 0.029 min
 Lab File: BP021602.D
 Acq: 21 Aug 2024 18:08

Tgt Ion:149 Resp: 482
 Ion Ratio Lower Upper
 149 100
 91 99.0 73.3 109.9
 206 47.1 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.861 ng

RT: 22.980 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

Instrument :

BNA_P

ClientSampleId :

Field Blank

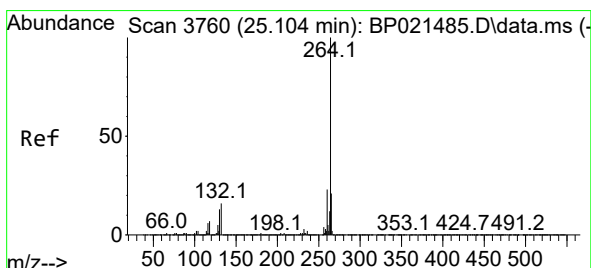
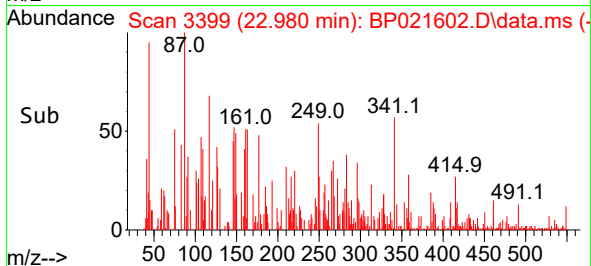
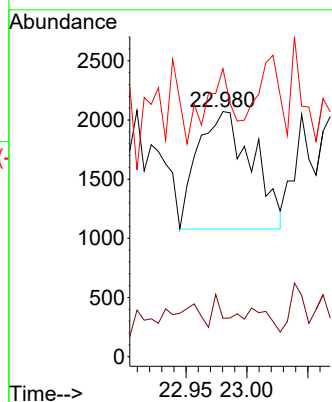
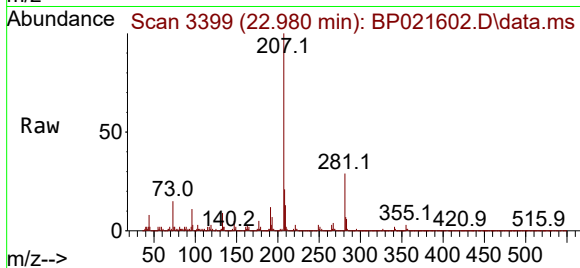
Tgt Ion:149 Resp: 3085

Ion Ratio Lower Upper

149 100

167 5.0 1.3 1.9#

43 28.8 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.180 min Scan# 3773

Delta R.T. 0.076 min

Lab File: BP021602.D

Acq: 21 Aug 2024 18:08

Tgt Ion:264 Resp: 1891478

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.7 17.1 25.7

