

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021598.D
 Acq On : 21 Aug 2024 15:17
 Operator : RC/JU
 Sample : PB162878BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162878BL

Quant Time: Aug 21 16:42:29 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)

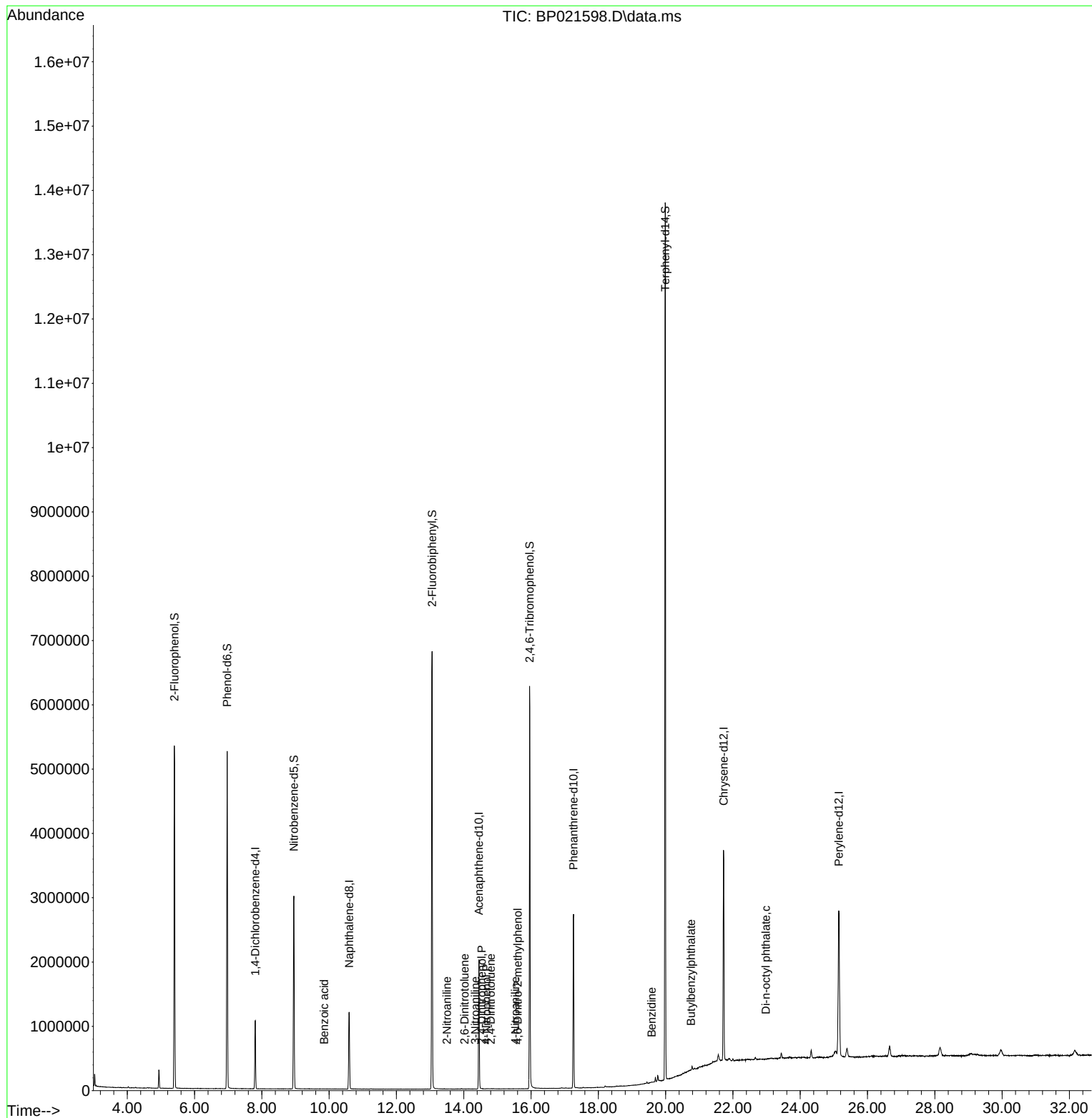
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	283679	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1114928	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	720129	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1692452	20.000	ng	0.01
76) Chrysene-d12	21.722	240	1955992	20.000	ng	0.02
86) Perylene-d12	25.145	264	2330392	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2506189	131.182	ng	0.00
7) Phenol-d6	6.969	99	3334533	119.648	ng	0.00
23) Nitrobenzene-d5	8.952	82	1979380	91.634	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1256382	156.759	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3769862	79.894	ng	0.00
79) Terphenyl-d14	19.992	244	7968679	79.146	ng	0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.710	139	60	Below Cal	#	1
32) Benzoic acid	9.852	122	106	3.337	ng	# 49
48) 2-Nitroaniline	13.498	65	237	5.166	ng	# 35
51) 2,6-Dinitrotoluene	14.022	165	174	4.002	ng	# 55
53) 3-Nitroaniline	14.340	138	35	3.973	ng	# 1
54) 2,4-Dinitrophenol	14.534	184	66	2.468	ng	# 40
56) 4-Nitrophenol	14.675	139	1576	5.263	ng	# 86
57) 2,4-Dinitrotoluene	14.804	165	653	5.070	ng	# 64
62) 4-Nitroaniline	15.534	138	59	2.940	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.604	198	74	4.625	ng	# 1
77) Benzidine	19.586	184	11477	4.764	ng	# 90
80) Butylbenzylphthalate	20.757	149	856	3.619	ng	# 66
85) Di-n-octyl phthalate	22.980	149	3511	4.861	ng	# 78

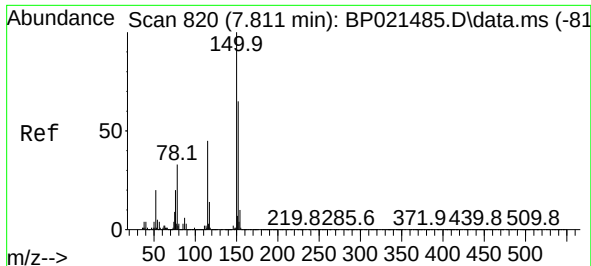
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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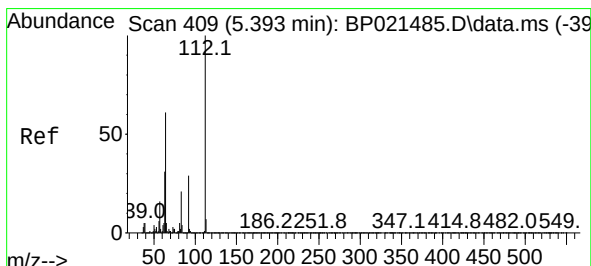
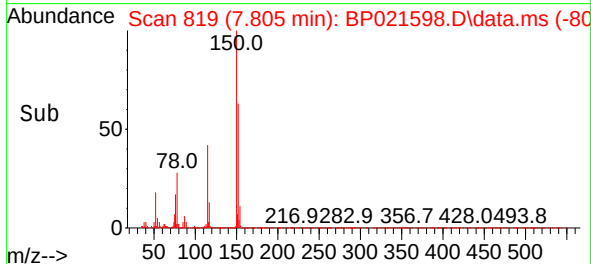
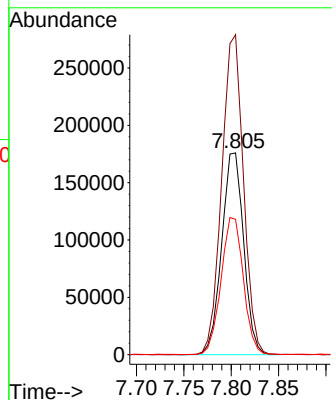
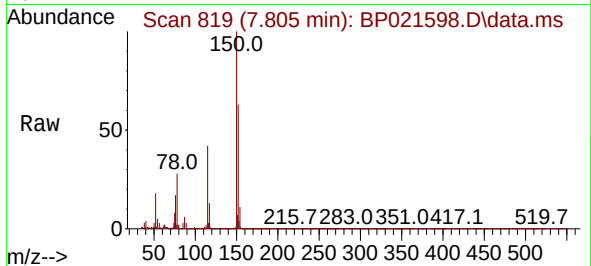




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

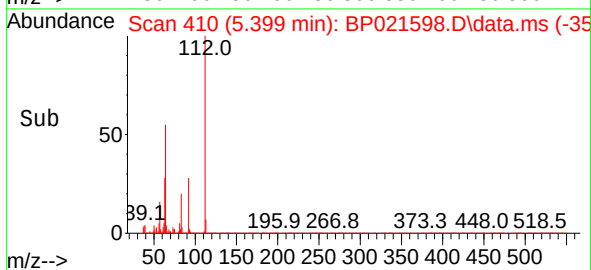
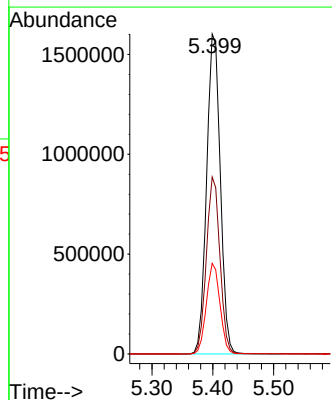
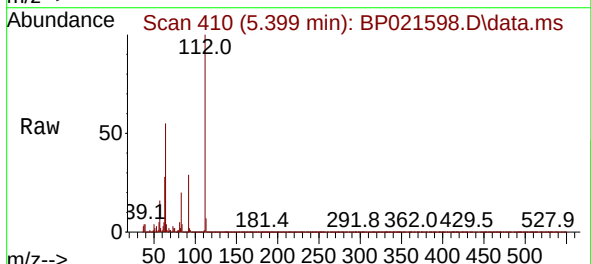
Instrument :
BNA_P
ClientSampleId :
PB162878BL

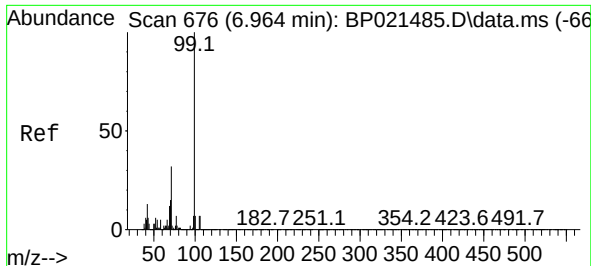
Tgt Ion:152 Resp: 283679
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 67.1 54.7 82.1



#5
2-Fluorophenol
Concen: 131.182 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:112 Resp: 2506189
Ion Ratio Lower Upper
112 100
64 55.3 49.0 73.6
63 28.3 24.6 36.8

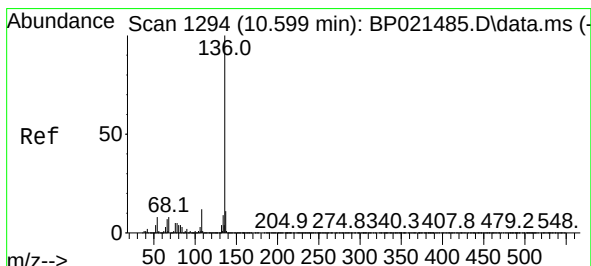
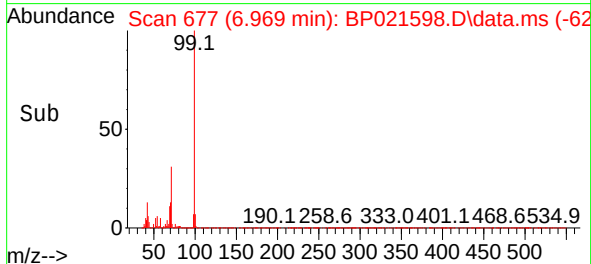
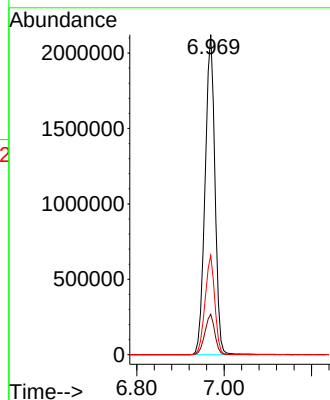
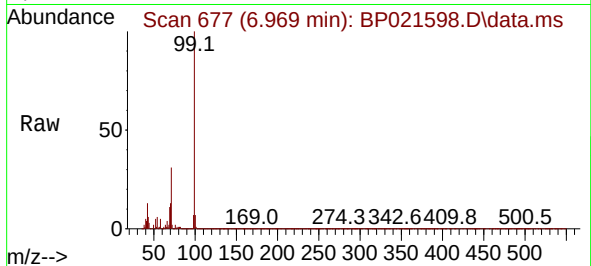




#7
Phenol-d6
Concen: 119.648 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

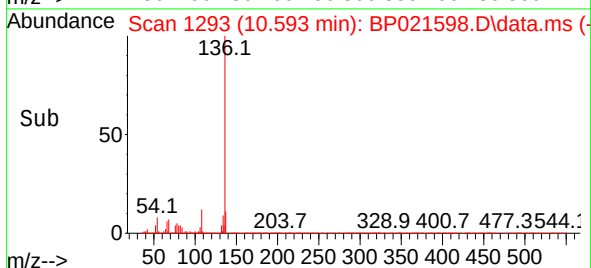
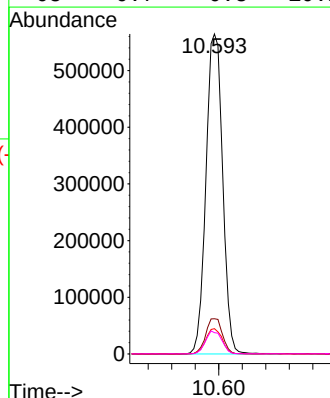
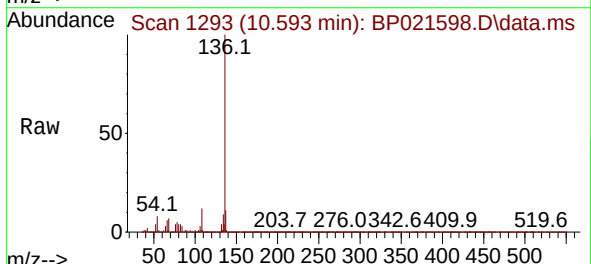
Instrument :
BNA_P
ClientSampleId :
PB162878BL

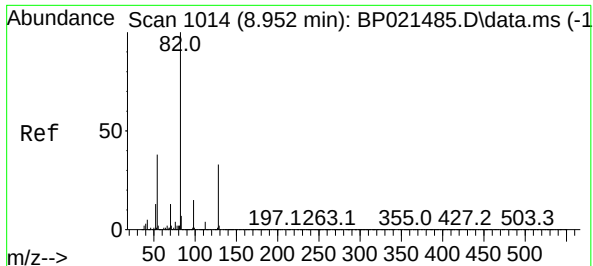
Tgt Ion: 99 Resp: 3334533
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 31.0 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:136 Resp: 1114928
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.3 9.5
68 6.7 6.8 10.2#





#23

Nitrobenzene-d5

Concen: 91.634 ng

RT: 8.952 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

Instrument :

BNA_P

ClientSampleId :

PB162878BL

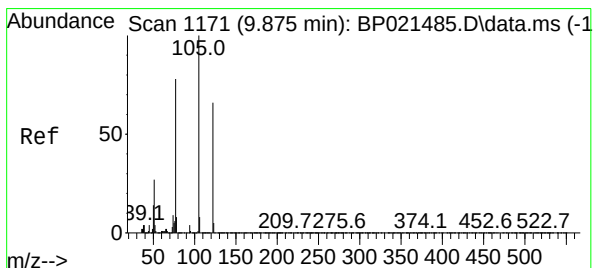
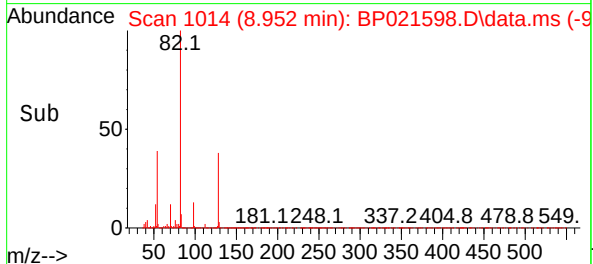
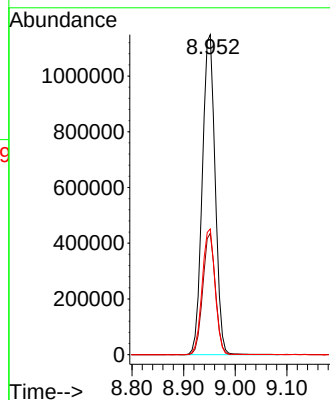
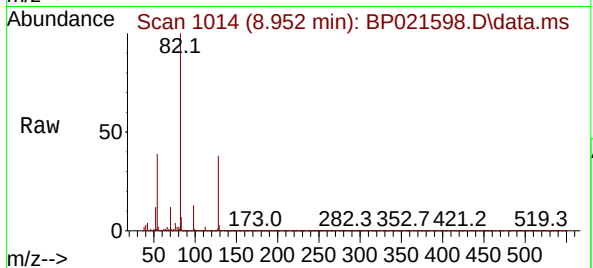
Tgt Ion: 82 Resp: 1979380

Ion Ratio Lower Upper

82 100

128 37.9 26.5 39.7

54 39.3 30.3 45.5



#32

Benzoic acid

Concen: 3.337 ng

RT: 9.852 min Scan# 1167

Delta R.T. -0.023 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

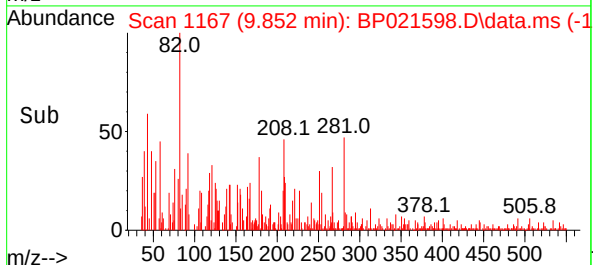
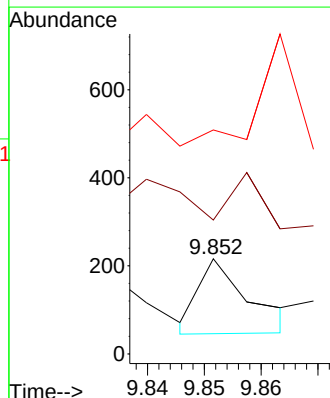
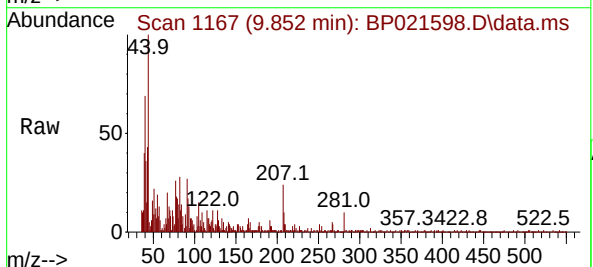
Tgt Ion:122 Resp: 106

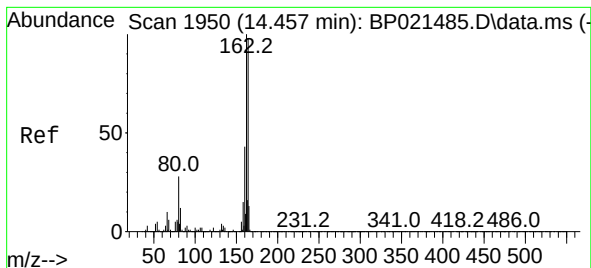
Ion Ratio Lower Upper

122 100

105 140.7 124.6 164.6

77 235.6 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

Instrument :

BNA_P

ClientSampleId :

PB162878BL

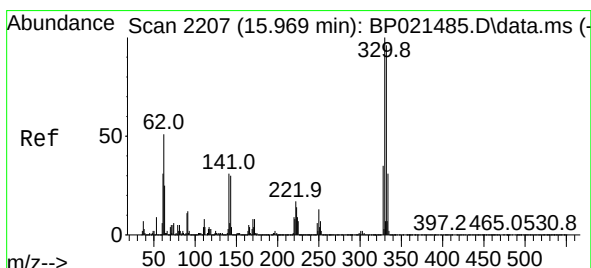
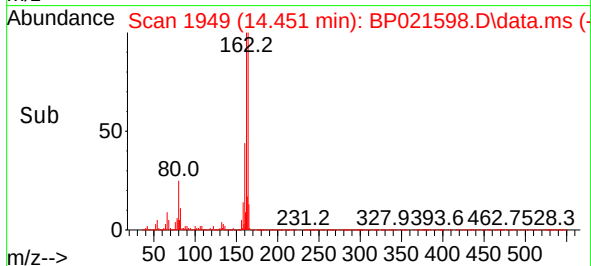
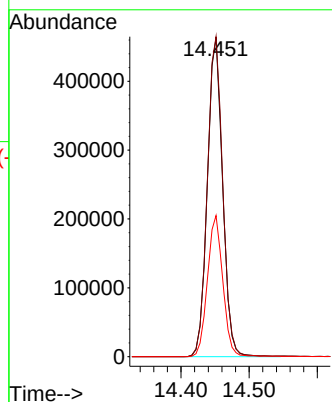
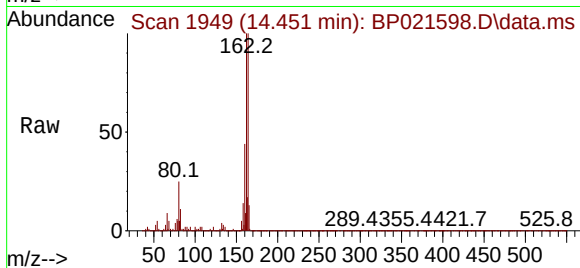
Tgt Ion:164 Resp: 720129

Ion Ratio Lower Upper

164 100

162 100.3 81.5 122.3

160 44.3 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 156.759 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

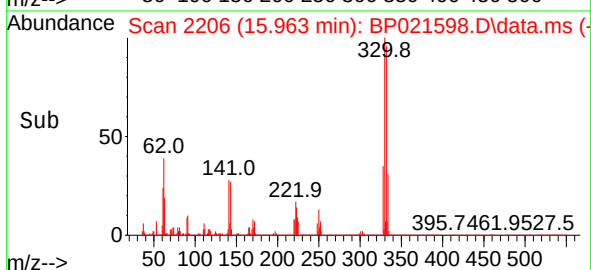
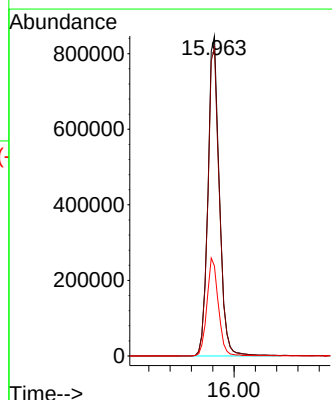
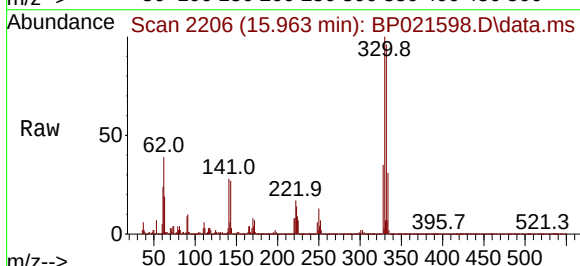
Tgt Ion:330 Resp: 1256382

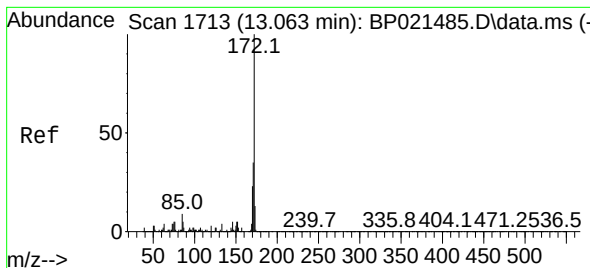
Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 30.7 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 79.894 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

Instrument :

BNA_P

ClientSampleId :

PB162878BL

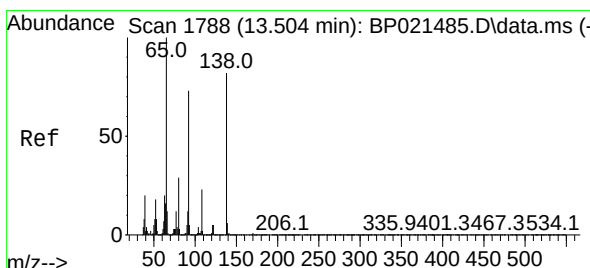
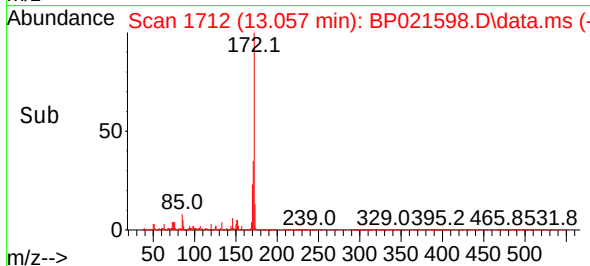
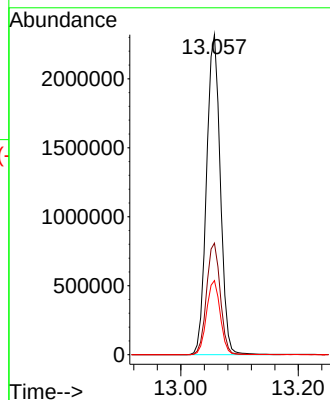
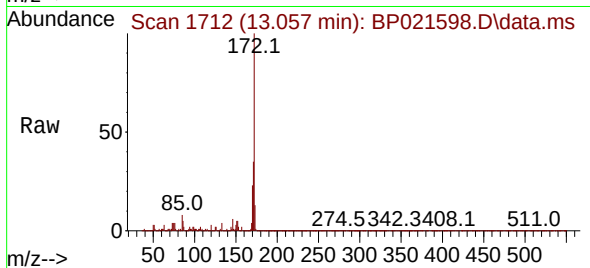
Tgt Ion:172 Resp: 3769862

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.2 18.4 27.6



#48

2-Nitroaniline

Concen: 5.166 ng

RT: 13.498 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

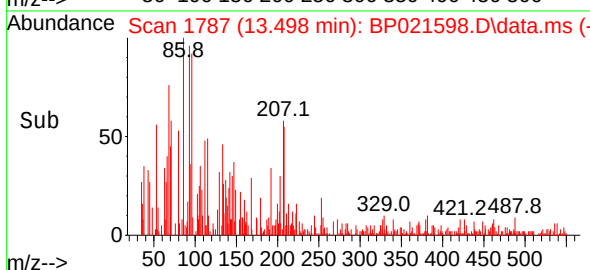
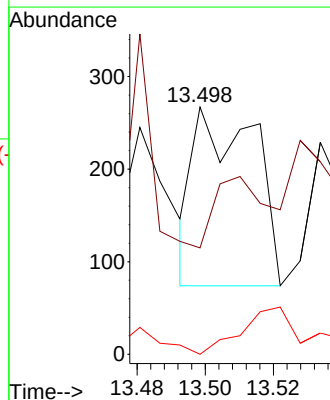
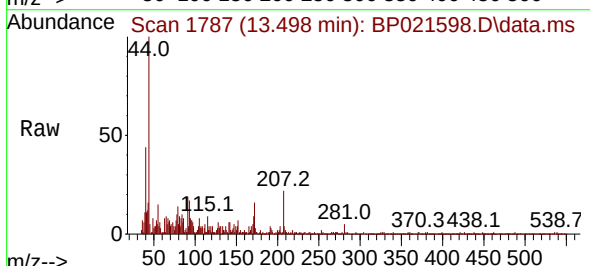
Tgt Ion: 65 Resp: 237

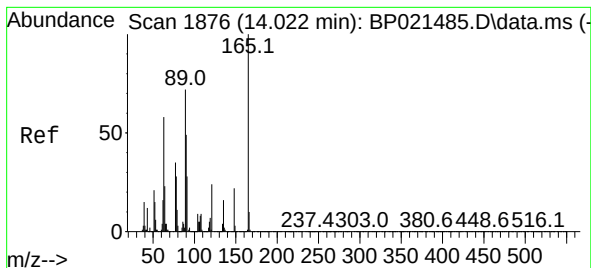
Ion Ratio Lower Upper

65 100

92 43.1 58.1 87.1#

138 0.0 65.5 98.3#





#51

2,6-Dinitrotoluene

Concen: 4.002 ng

RT: 14.022 min Scan# 1876

Delta R.T. -0.000 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

Instrument :

BNA_P

ClientSampleId :

PB162878BL

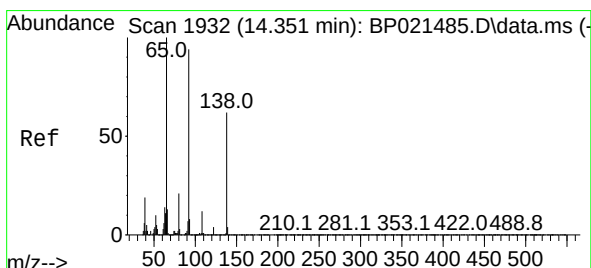
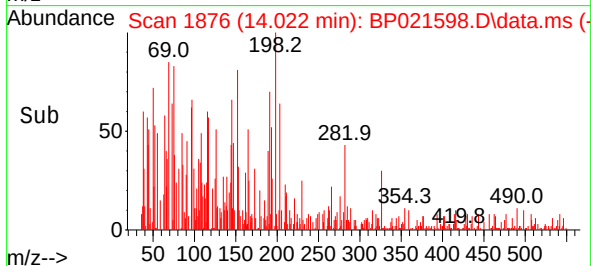
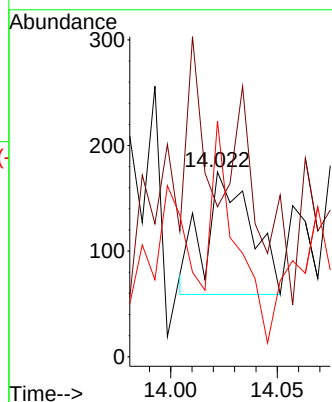
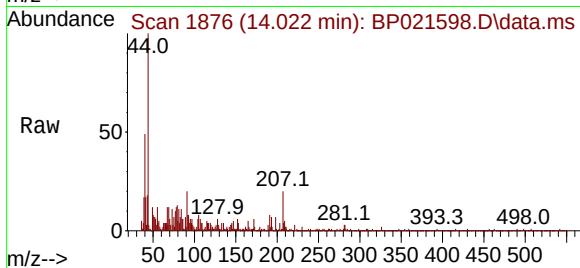
Tgt Ion:165 Resp: 174

Ion Ratio Lower Upper

165 100

63 81.1 51.5 77.3#

89 127.4 57.8 86.8#



#53

3-Nitroaniline

Concen: 3.973 ng

RT: 14.340 min Scan# 1930

Delta R.T. -0.011 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

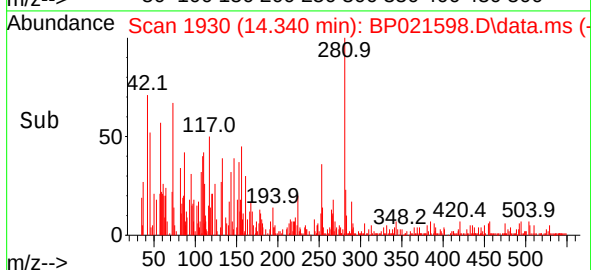
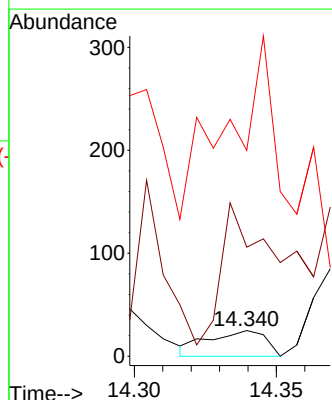
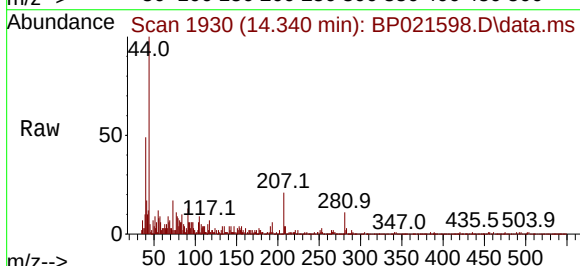
Tgt Ion:138 Resp: 35

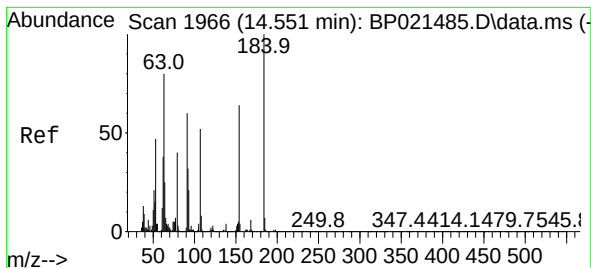
Ion Ratio Lower Upper

138 100

108 424.0 16.2 24.4#

92 800.0 122.2 183.4#

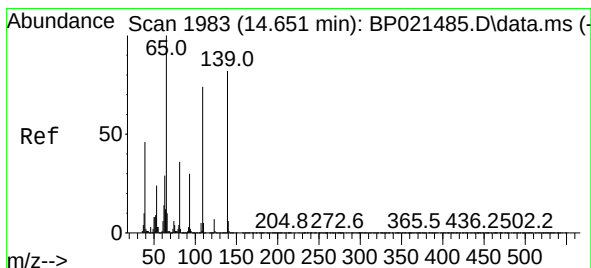
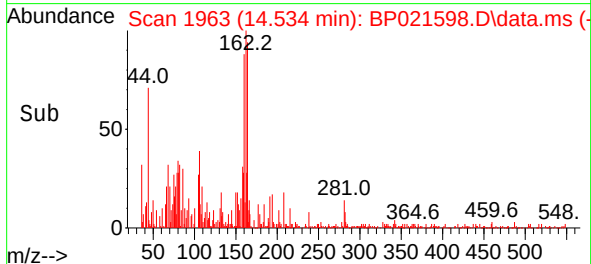
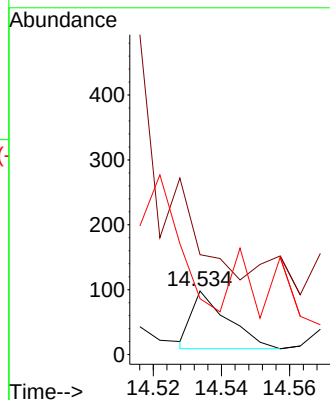
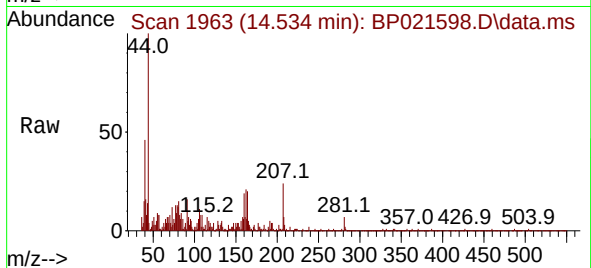




#54
2,4-Dinitrophenol
Concen: 2.468 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.017 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

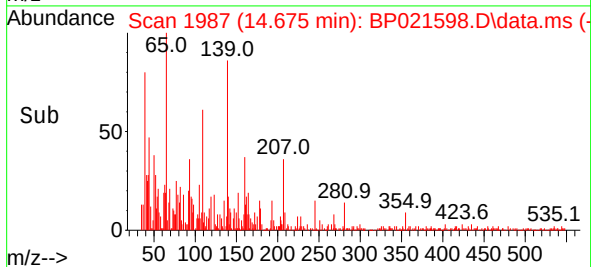
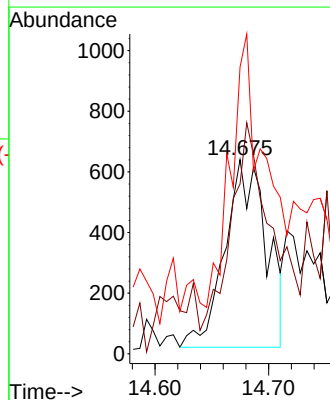
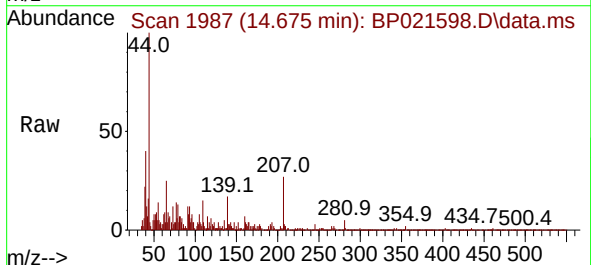
Instrument :
BNA_P
ClientSampleId :
PB162878BL

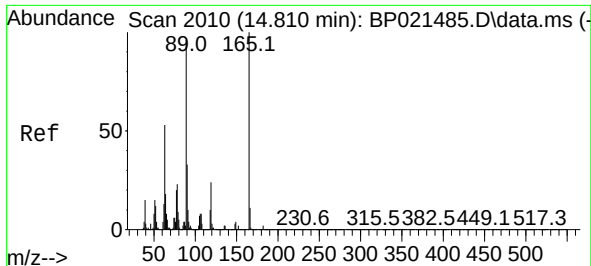
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 157.1 64.9 97.3#
154 87.8 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.263 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.024 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:139 Resp: 1576
Ion Ratio Lower Upper
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109 87.4 70.2 110.2
65 147.6 101.8 141.8#

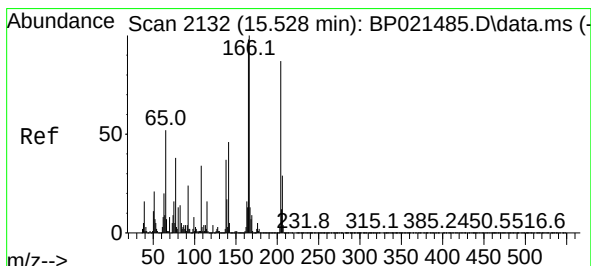
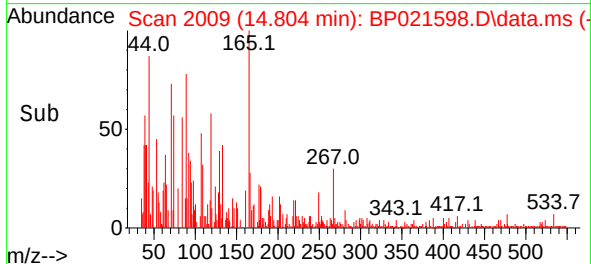
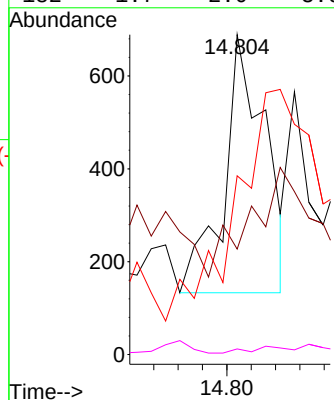
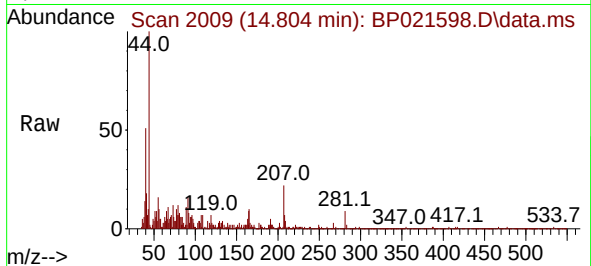




#57
2,4-Dinitrotoluene
Concen: 5.070 ng
RT: 14.804 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

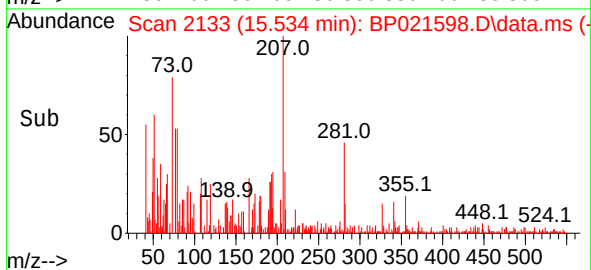
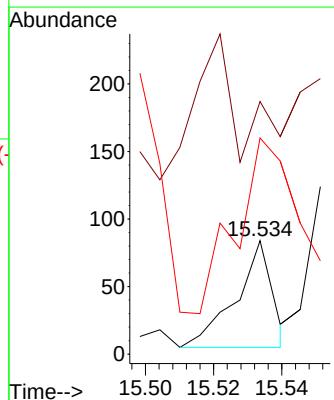
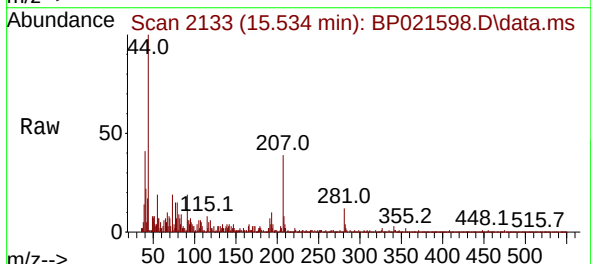
Instrument :
BNA_P
ClientSampleId :
PB162878BL

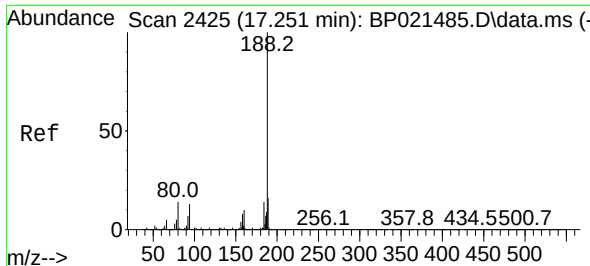
Tgt Ion:165 Resp: 653
Ion Ratio Lower Upper
165 100
63 32.9 42.5 63.7#
89 55.9 77.1 115.7#
182 1.7 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.940 ng
RT: 15.534 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
92 222.6 46.4 86.4#
108 190.5 73.2 113.2#

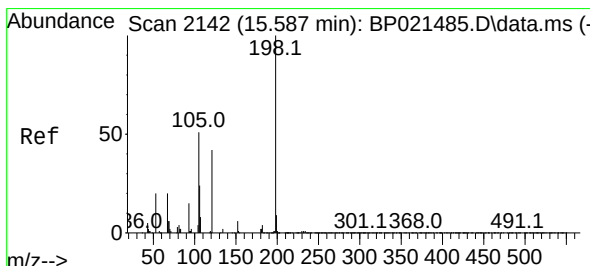
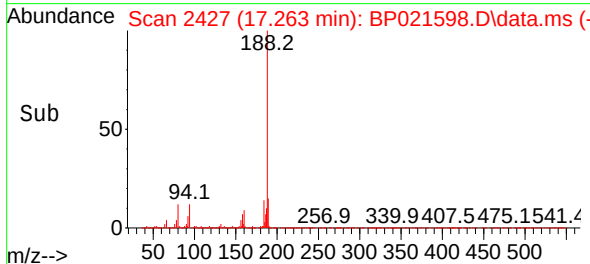
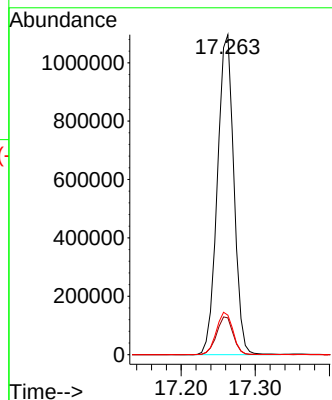
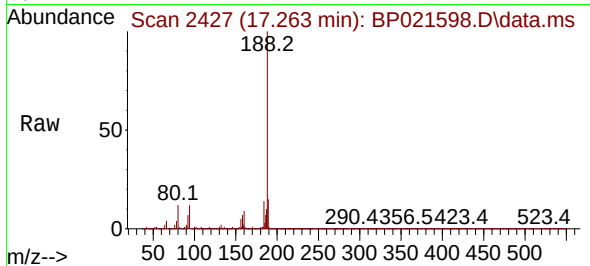




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

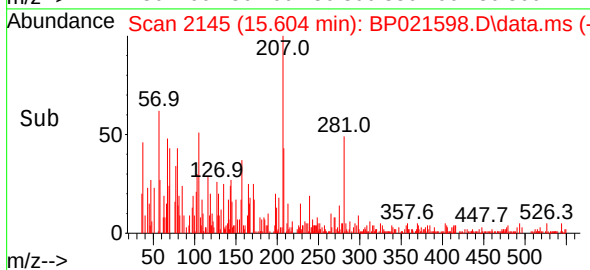
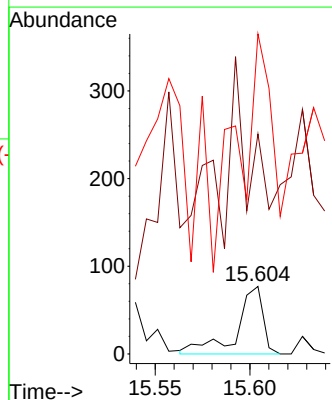
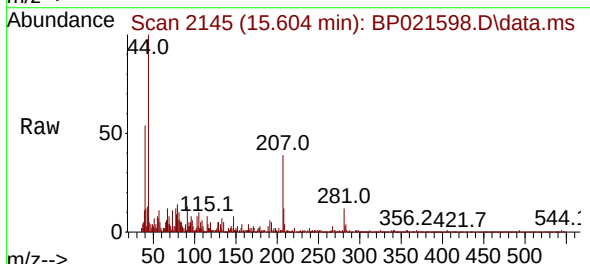
Instrument :
BNA_P
ClientSampleId :
PB162878BL

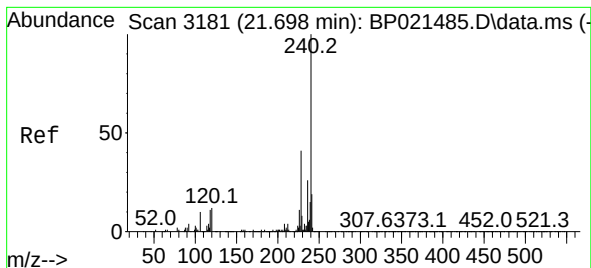
Tgt Ion:188 Resp: 1692452
Ion Ratio Lower Upper
188 100
94 11.5 10.2 15.4
80 12.4 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.625 ng
RT: 15.604 min Scan# 2145
Delta R.T. 0.017 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:198 Resp: 74
Ion Ratio Lower Upper
198 100
51 326.0 21.5 61.5#
105 474.0 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.023 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

Instrument :

BNA_P

ClientSampleId :

PB162878BL

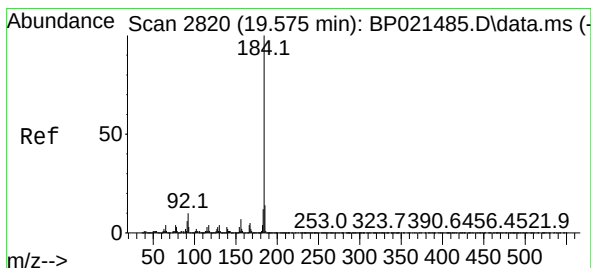
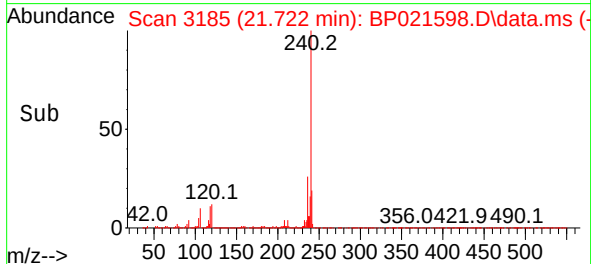
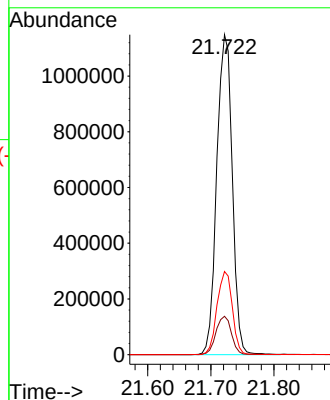
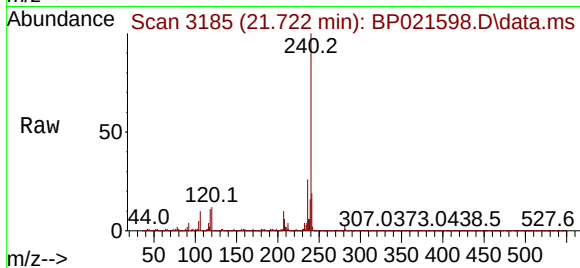
Tgt Ion:240 Resp: 1955992

Ion Ratio Lower Upper

240 100

120 12.0 9.9 14.9

236 26.0 20.6 30.8



#77

Benzidine

Concen: 4.764 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.011 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

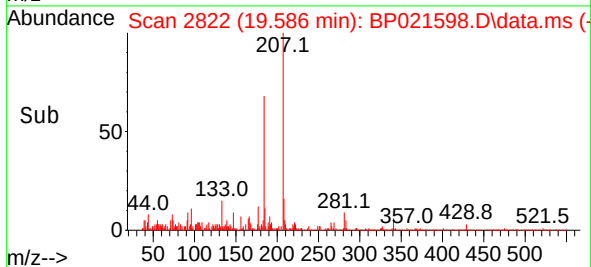
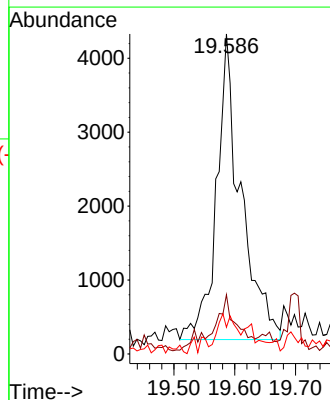
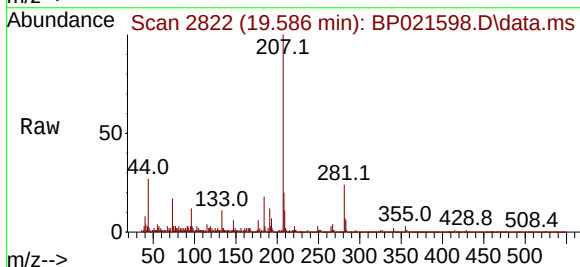
Tgt Ion:184 Resp: 11477

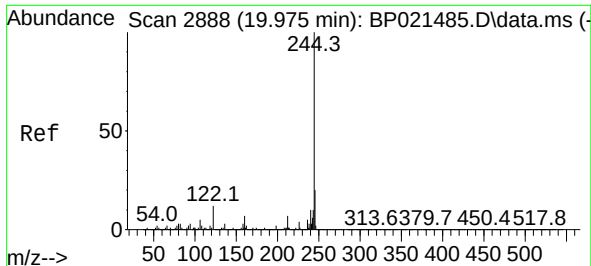
Ion Ratio Lower Upper

184 100

185 18.5 11.4 17.0#

183 8.4 9.3 13.9#

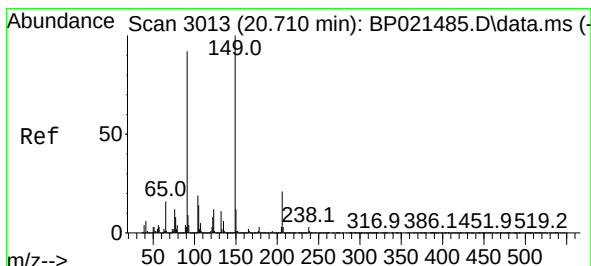
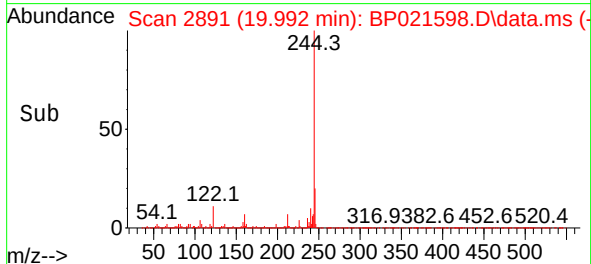
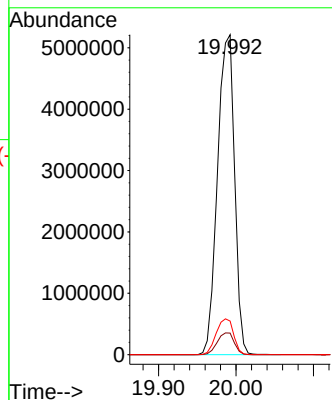
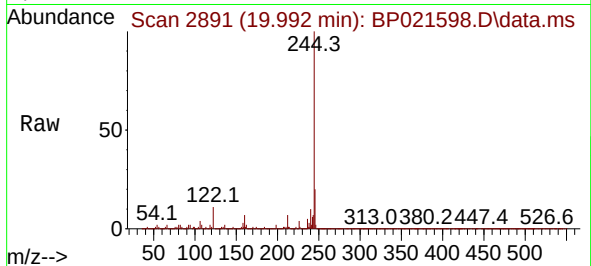




#79
 Terphenyl-d14
 Concen: 79.146 ng
 RT: 19.992 min Scan# 20
 Delta R.T. 0.017 min
 Lab File: BP021598.D
 Acq: 21 Aug 2024 15:17

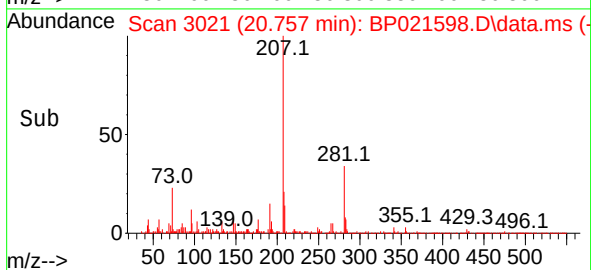
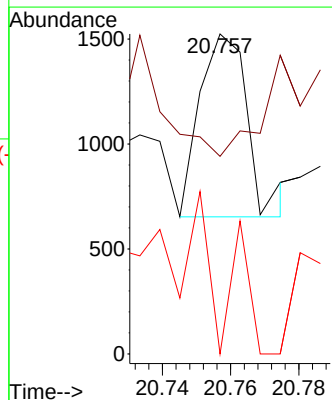
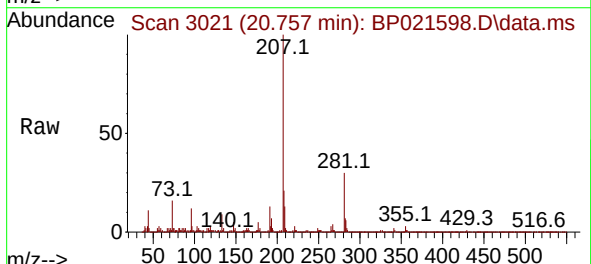
Instrument :
 BNA_P
 ClientSampleId :
 PB162878BL

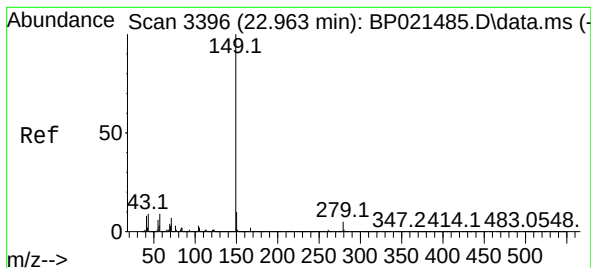
Tgt Ion:244 Resp: 7968679
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.5 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.619 ng
 RT: 20.757 min Scan# 3021
 Delta R.T. 0.047 min
 Lab File: BP021598.D
 Acq: 21 Aug 2024 15:17

Tgt Ion:149 Resp: 856
 Ion Ratio Lower Upper
 149 100
 91 61.7 73.3 109.9#
 206 0.0 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.861 ng

RT: 22.980 min Scan# 3399

Delta R.T. 0.017 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

Instrument :

BNA_P

ClientSampleId :

PB162878BL

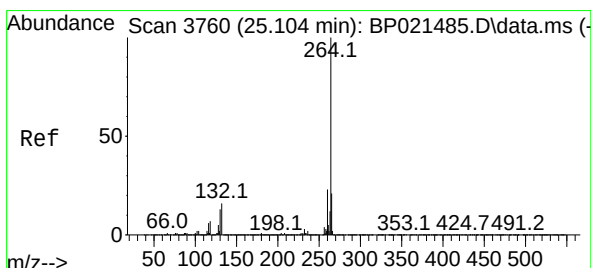
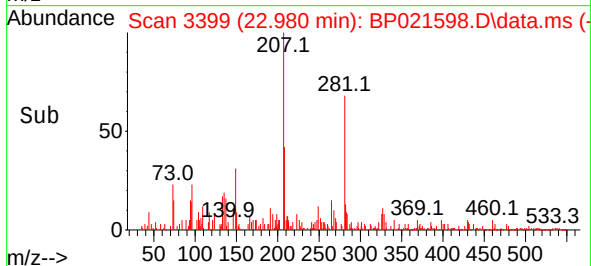
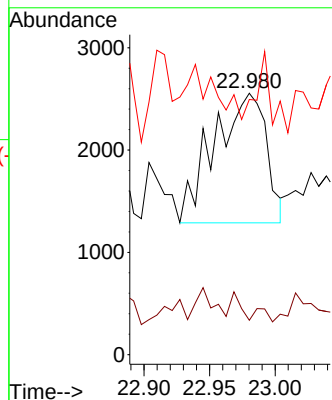
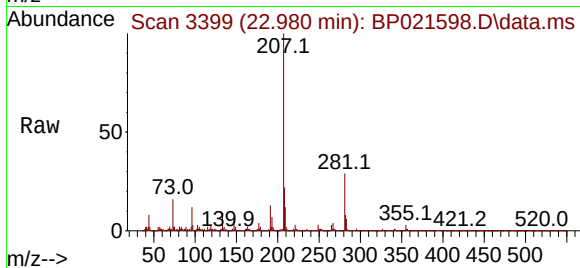
Tgt Ion:149 Resp: 3511

Ion Ratio Lower Upper

149 100

167 2.6 1.3 1.9#

43 18.4 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.145 min Scan# 3767

Delta R.T. 0.041 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

Tgt Ion:264 Resp: 2330392

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.3 17.1 25.7

