

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
 Data File : BP021493.D
 Acq On : 14 Aug 2024 09:54
 Operator : RC/JU
 Sample : PB162520BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162520BL

Quant Time: Aug 14 10:52:00 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)

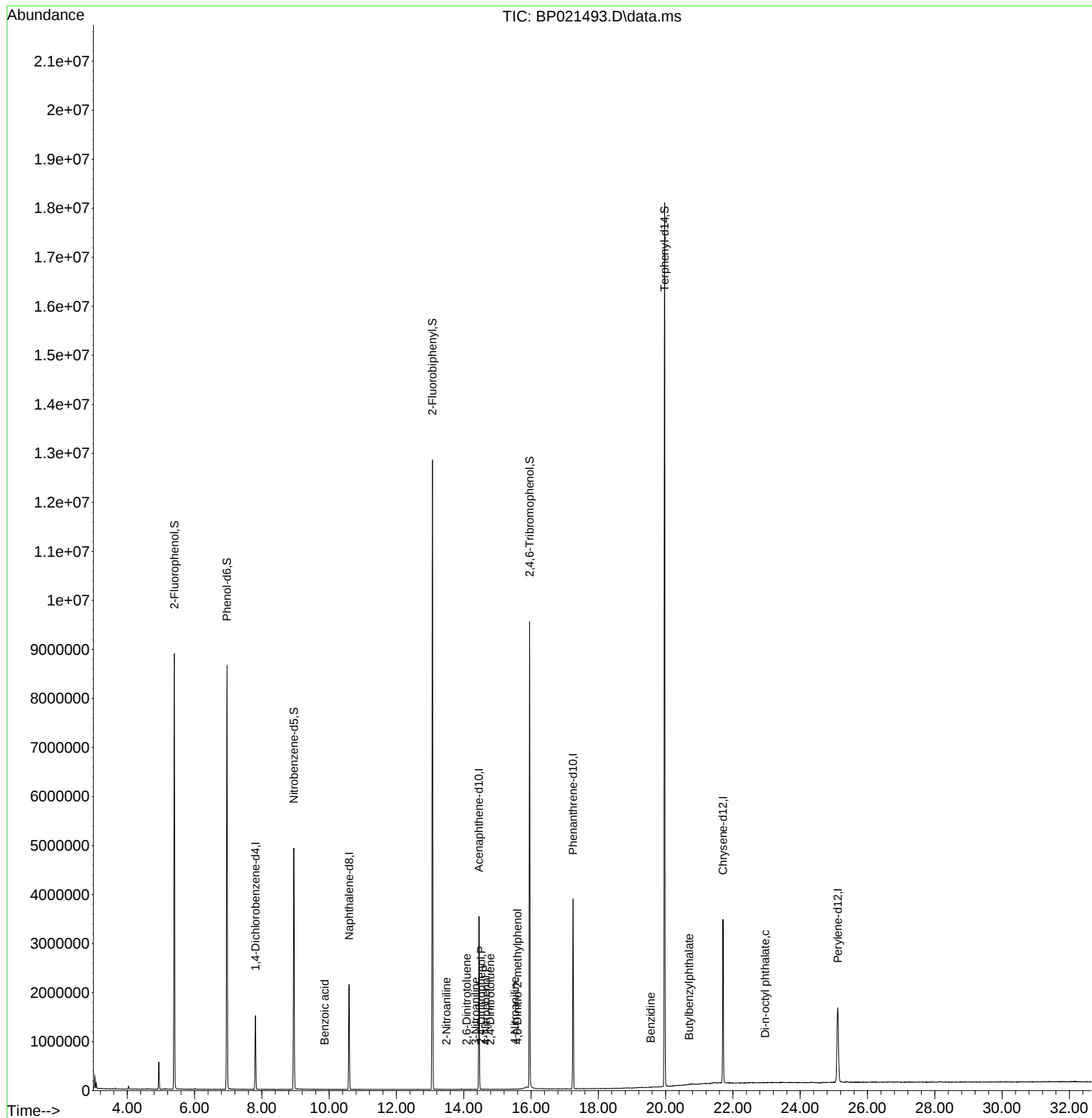
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	390544	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1578080	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1081321	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2346802	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1780981	20.000	ng	0.00
86) Perylene-d12	25.116	264	1816903	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3820659	145.263	ng	0.00
7) Phenol-d6	6.964	99	5292008	137.927	ng	0.00
23) Nitrobenzene-d5	8.952	82	3139152	102.674	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1676482	139.304	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	6294659	88.842	ng	0.00
79) Terphenyl-d14	19.969	244	9746252	106.314	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.693	139	92	Below Cal	Qvalue #	8
32) Benzoic acid	9.869	122	43	3.324 ng	#	26
48) 2-Nitroaniline	13.481	65	90	5.152 ng	#	52
51) 2,6-Dinitrotoluene	14.093	165	124	3.993 ng	#	96
53) 3-Nitroaniline	14.351	138	72	3.974 ng	#	37
54) 2,4-Dinitrophenol	14.522	184	9	2.434 ng	#	1
56) 4-Nitrophenol	14.657	139	59	5.083 ng	#	4
57) 2,4-Dinitrotoluene	14.793	165	49	5.025 ng	#	1
62) 4-Nitroaniline	15.516	138	25	2.936 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.598	198	96	4.624 ng	#	1
77) Benzidine	19.557	184	291	4.578 ng	#	90
80) Butylbenzylphthalate	20.698	149	90	3.604 ng	#	87
85) Di-n-octyl phthalate	22.957	149	230	4.838 ng	#	1

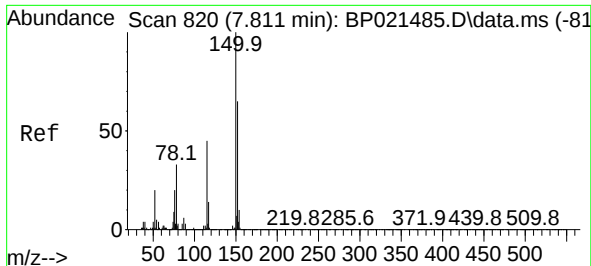
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021493.D
Acq On : 14 Aug 2024 09:54
Operator : RC/JU
Sample : PB162520BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162520BL

Quant Time: Aug 14 10:52:00 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

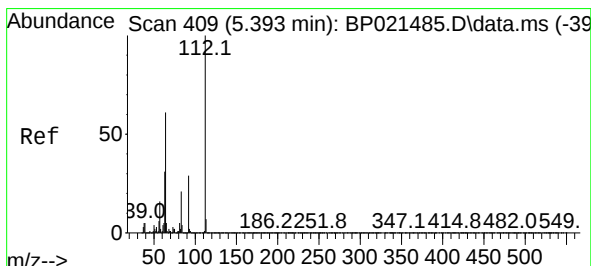
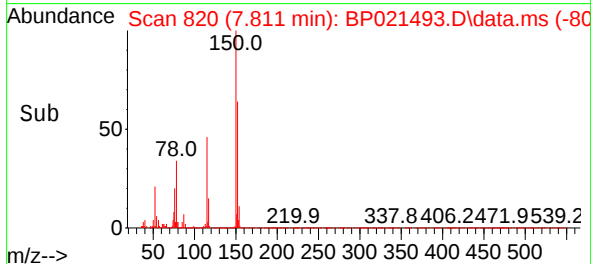
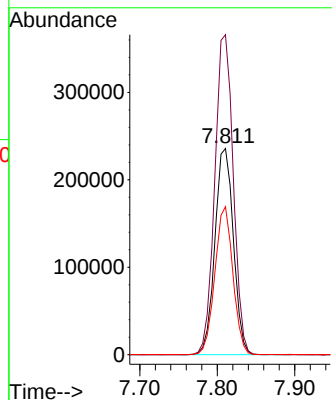
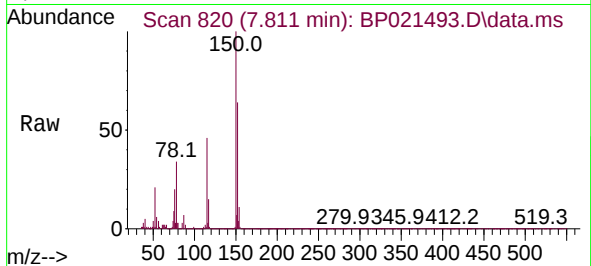




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

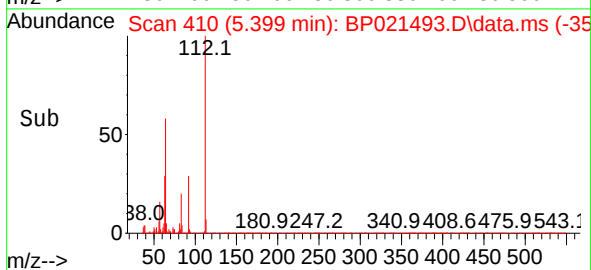
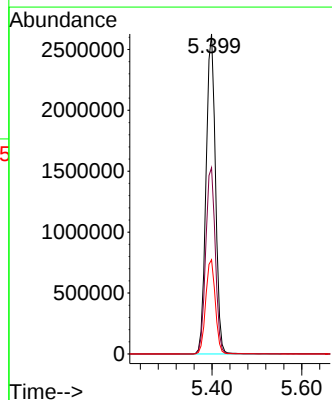
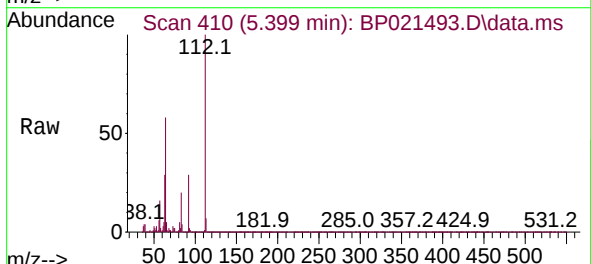
Instrument :
BNA_P
ClientSampleId :
PB162520BL

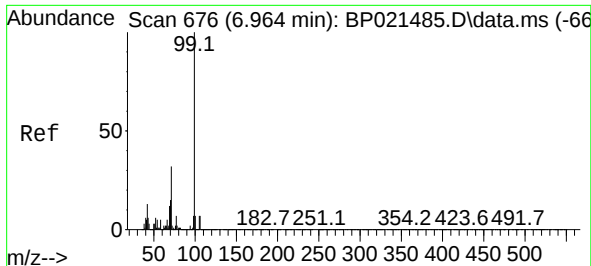
Tgt Ion:152 Resp: 390544
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 71.7 54.7 82.1



#5
2-Fluorophenol
Concen: 145.263 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Tgt Ion:112 Resp: 3820659
Ion Ratio Lower Upper
112 100
64 58.2 49.0 73.6
63 29.4 24.6 36.8

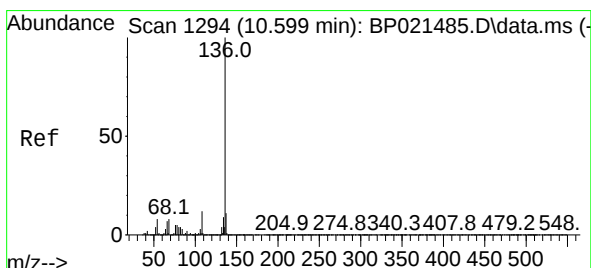
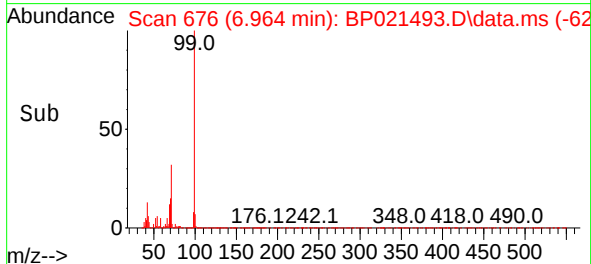
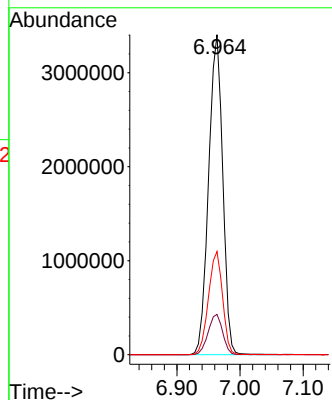
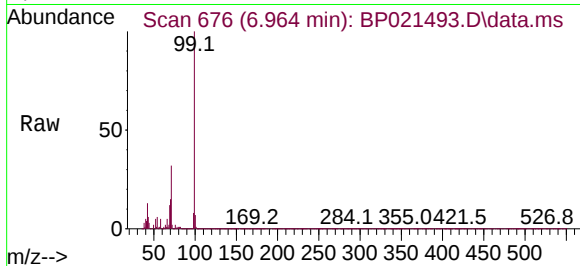




#7
Phenol-d6
Concen: 137.927 ng
RT: 6.964 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

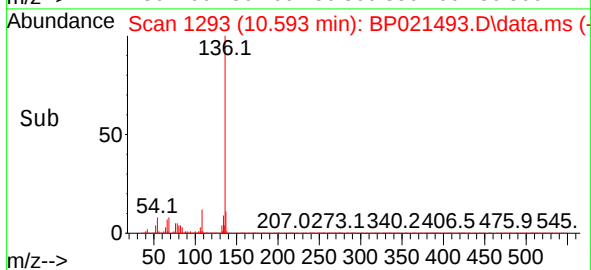
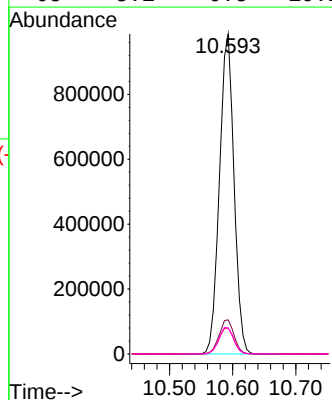
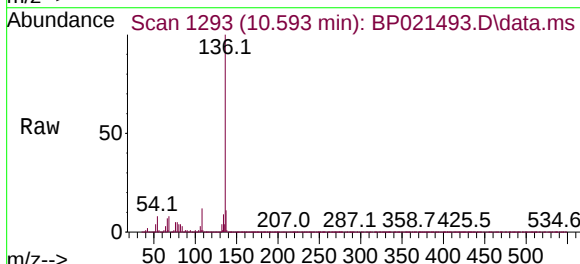
Instrument :
BNA_P
ClientSampleId :
PB162520BL

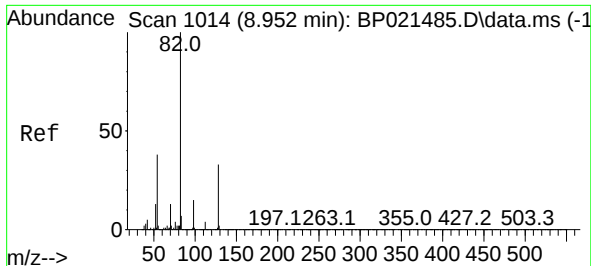
Tgt Ion: 99 Resp: 5292008
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Tgt Ion:136 Resp: 1578080
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.1 6.3 9.5
68 8.1 6.8 10.2





#23

Nitrobenzene-d5

Concen: 102.674 ng

RT: 8.952 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

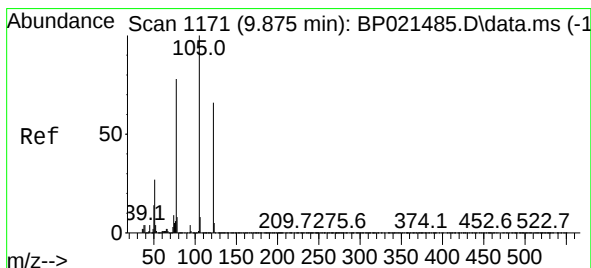
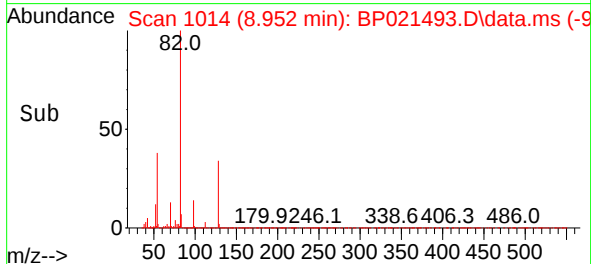
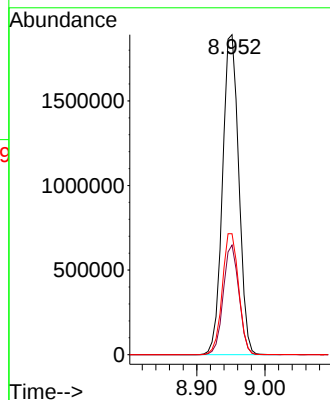
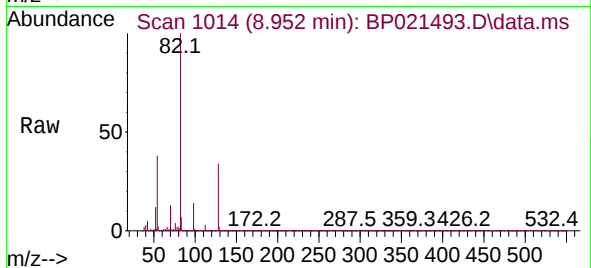
Tgt Ion: 82 Resp: 3139152

Ion Ratio Lower Upper

82 100

128 34.3 26.5 39.7

54 37.8 30.3 45.5



#32

Benzoic acid

Concen: 3.324 ng

RT: 9.869 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

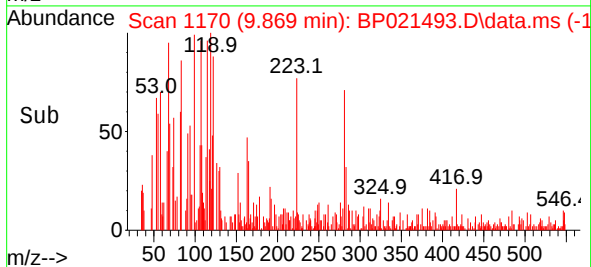
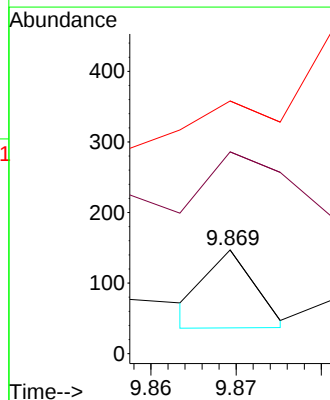
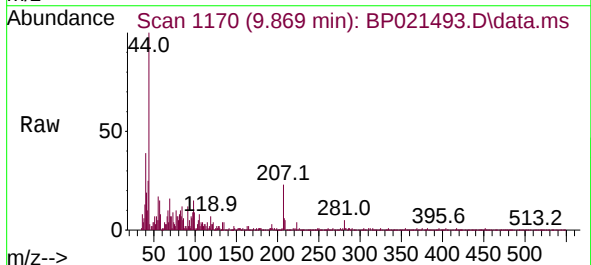
Tgt Ion:122 Resp: 43

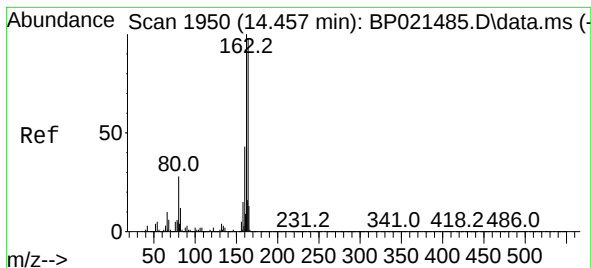
Ion Ratio Lower Upper

122 100

105 194.6 124.6 164.6#

77 243.5 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: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

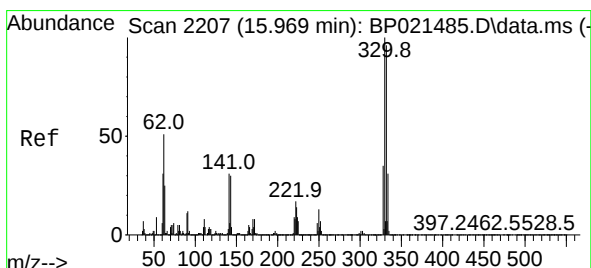
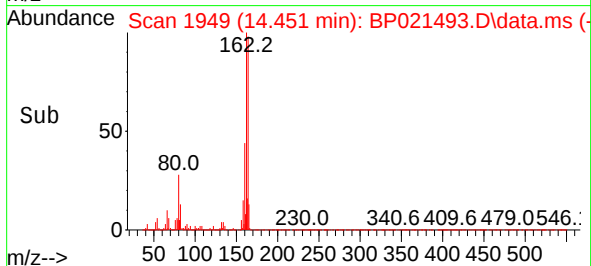
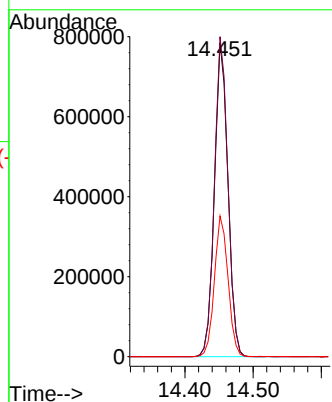
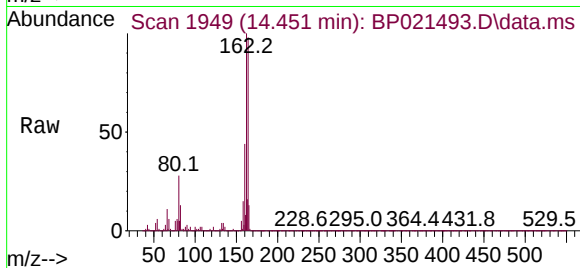
Tgt Ion:164 Resp: 1081321

Ion Ratio Lower Upper

164 100

162 102.0 81.5 122.3

160 44.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 139.304 ng

RT: 15.957 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

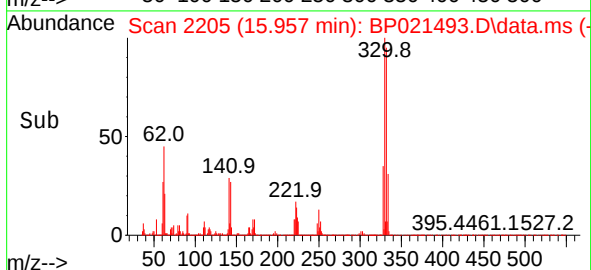
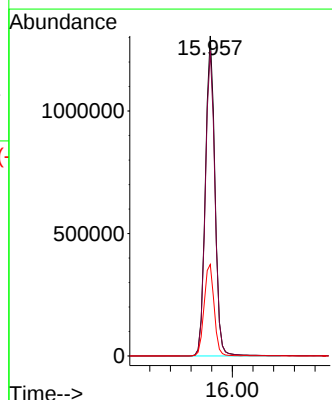
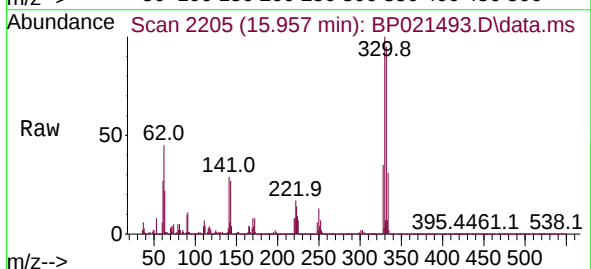
Tgt Ion:330 Resp: 1676482

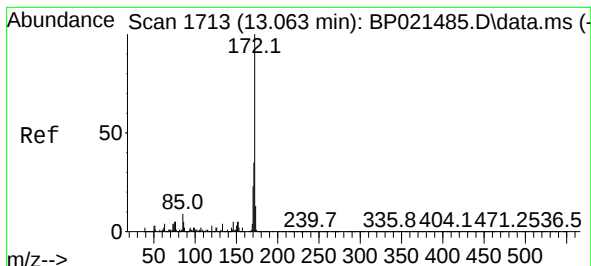
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 30.0 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 88.842 ng

RT: 13.069 min Scan# 1713

Delta R.T. 0.006 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

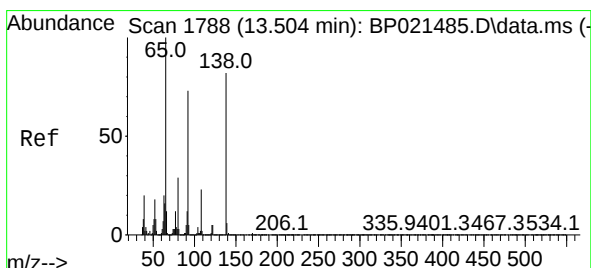
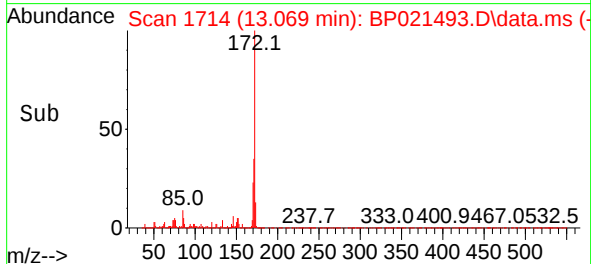
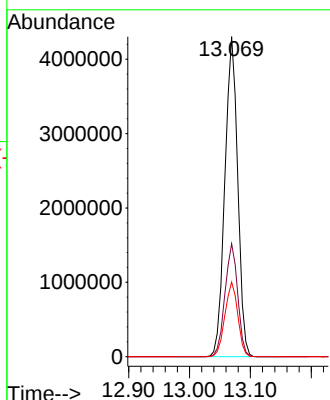
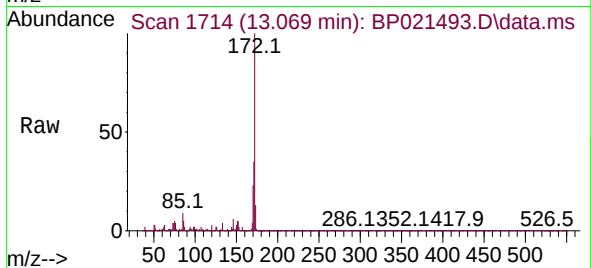
Tgt Ion:172 Resp: 6294659

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.3 18.4 27.6



#48

2-Nitroaniline

Concen: 5.152 ng

RT: 13.481 min Scan# 1784

Delta R.T. -0.023 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

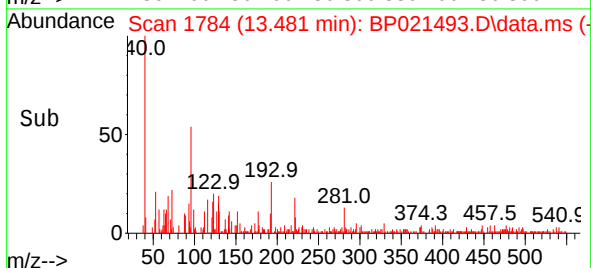
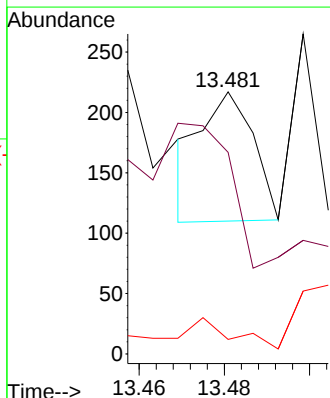
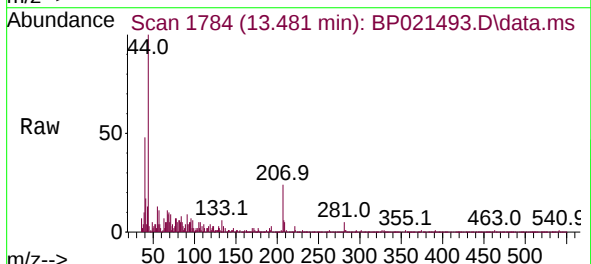
Tgt Ion: 65 Resp: 90

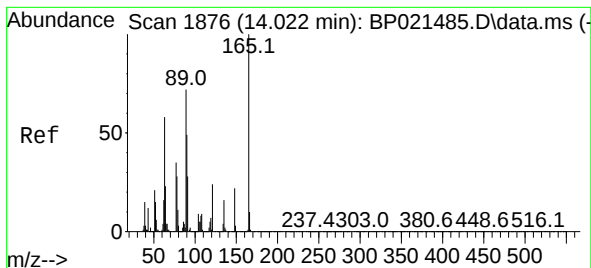
Ion Ratio Lower Upper

65 100

92 77.0 58.1 87.1

138 5.5 65.5 98.3#

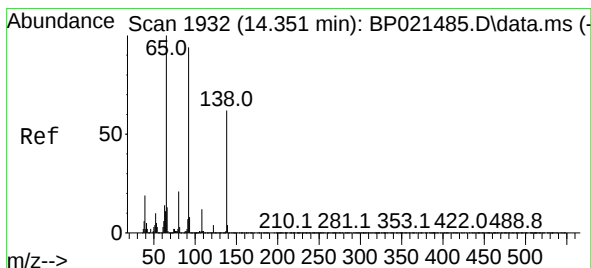
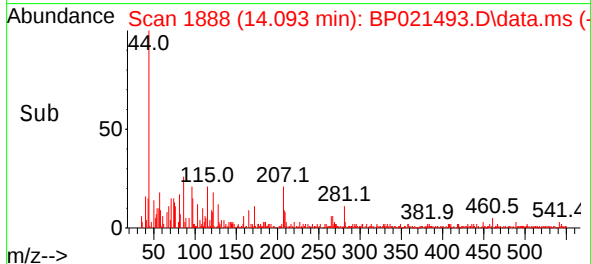
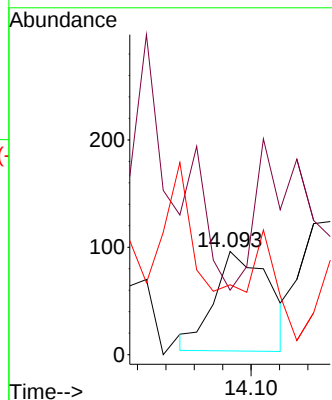
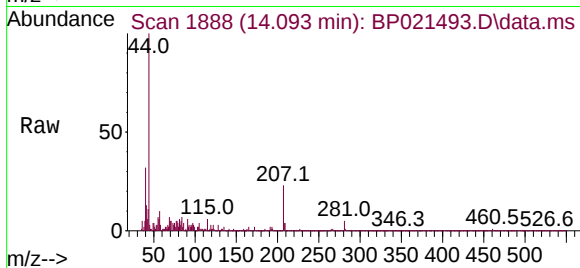




#51
2,6-Dinitrotoluene
Concen: 3.993 ng
RT: 14.093 min Scan# 1876
Delta R.T. 0.071 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

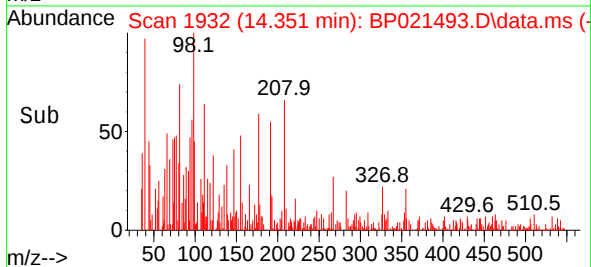
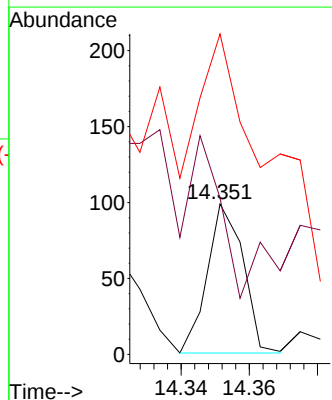
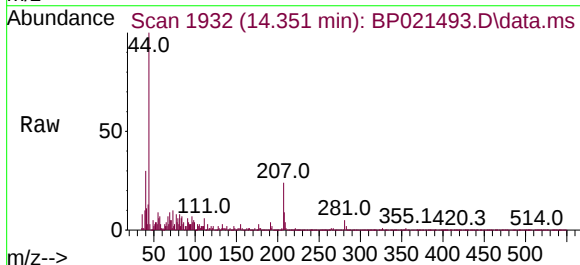
Instrument :
BNA_P
ClientSampleId :
PB162520BL

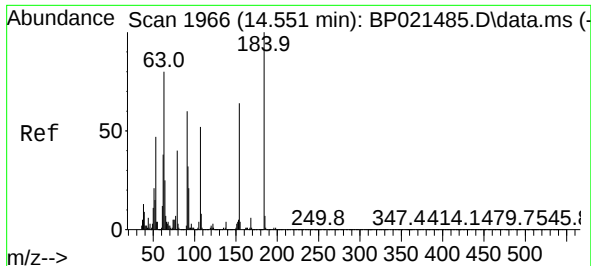
Tgt Ion:165 Resp: 124
Ion Ratio Lower Upper
165 100
63 62.5 51.5 77.3
89 67.7 57.8 86.8



#53
3-Nitroaniline
Concen: 3.974 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

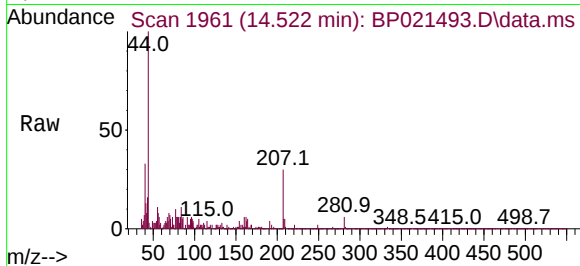
Tgt Ion:138 Resp: 72
Ion Ratio Lower Upper
138 100
108 104.0 16.2 24.4#
92 213.1 122.2 183.4#



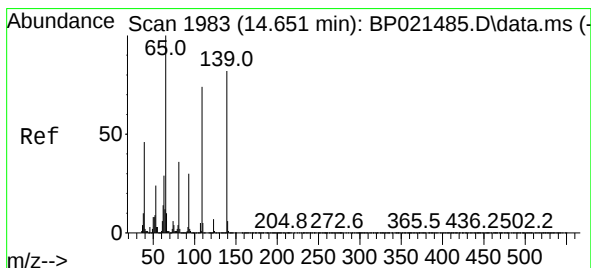
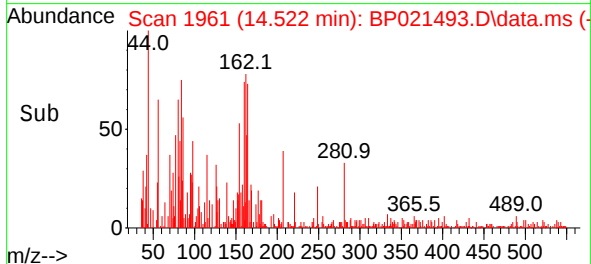
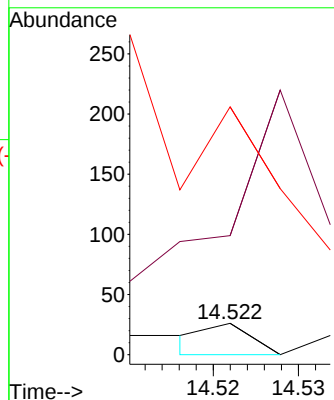


#54
2,4-Dinitrophenol
Concen: 2.434 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.029 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Instrument :
BNA_P
ClientSampleId :
PB162520BL

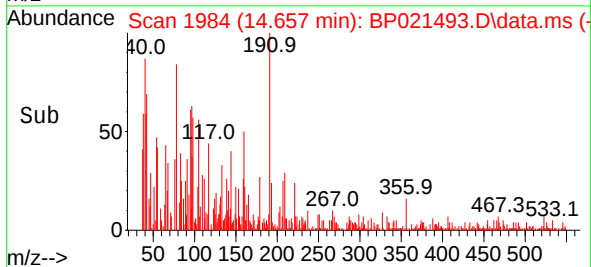
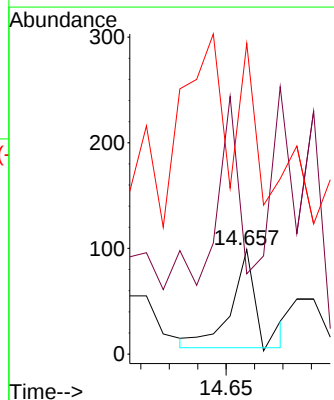
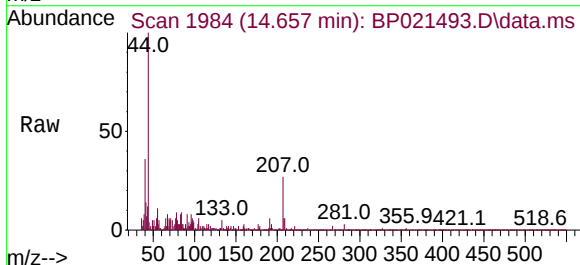


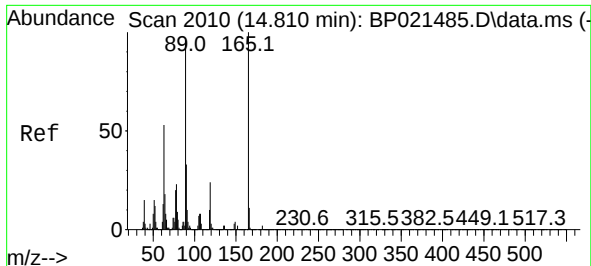
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 380.8 64.9 97.3#
154 792.3 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.083 ng
RT: 14.657 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 76.8 70.2 110.2
65 297.0 101.8 141.8#

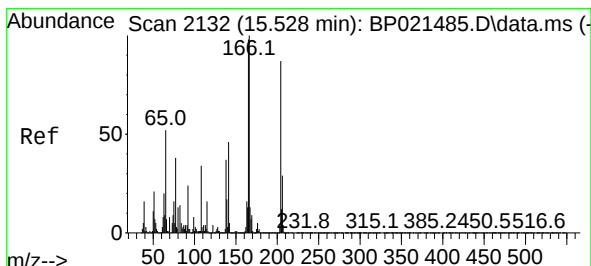
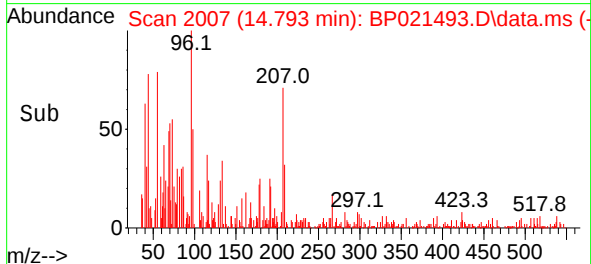
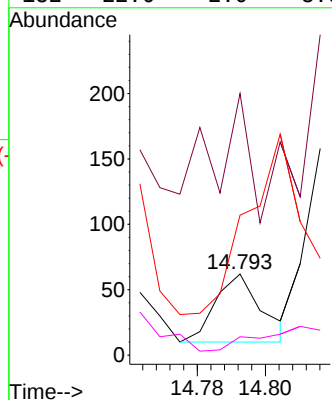
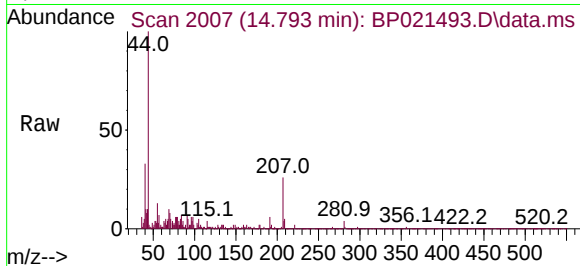




#57
2,4-Dinitrotoluene
Concen: 5.025 ng
RT: 14.793 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

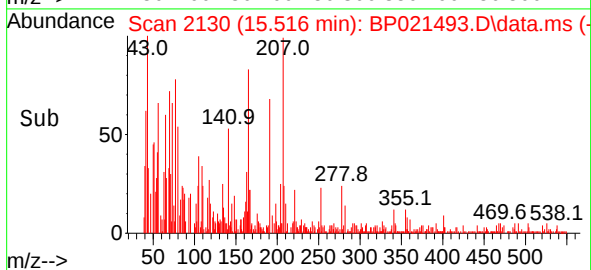
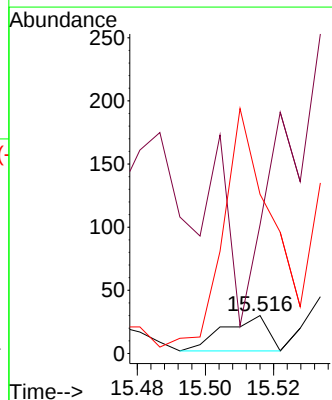
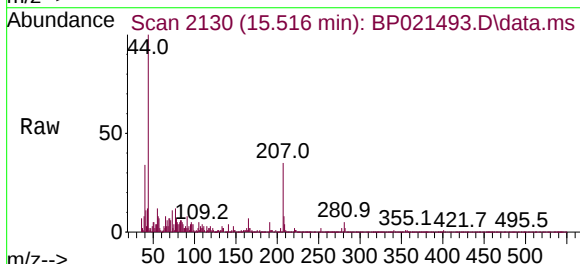
Instrument :
BNA_P
ClientSampleId :
PB162520BL

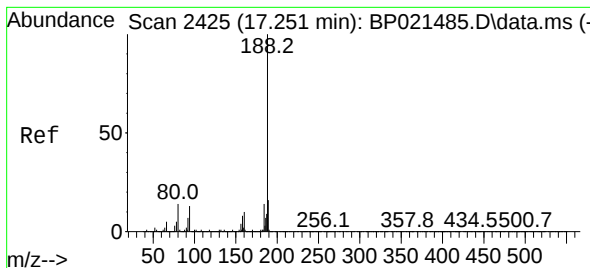
Tgt Ion:165 Resp: 49
Ion Ratio Lower Upper
165 100
63 322.6 42.5 63.7#
89 172.6 77.1 115.7#
182 22.6 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.936 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Tgt Ion:138 Resp: 25
Ion Ratio Lower Upper
138 100
92 340.0 46.4 86.4#
108 420.0 73.2 113.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

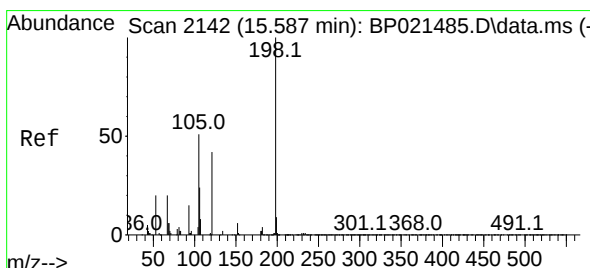
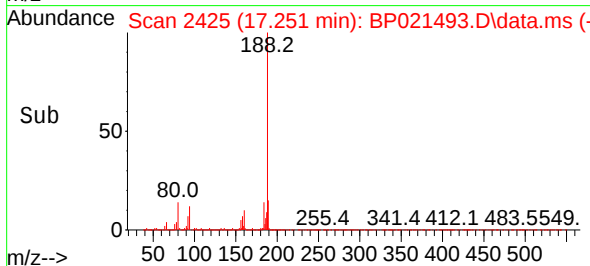
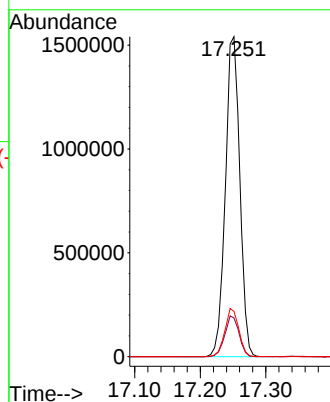
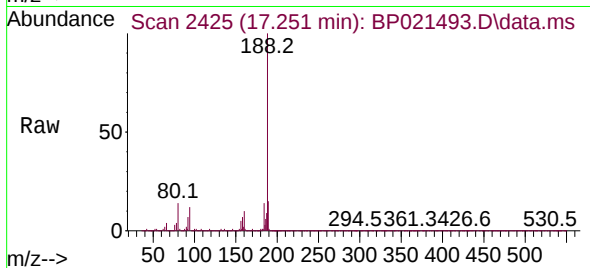
Tgt Ion:188 Resp: 2346802

Ion Ratio Lower Upper

188 100

94 12.1 10.2 15.4

80 14.1 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.624 ng

RT: 15.598 min Scan# 2144

Delta R.T. 0.011 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

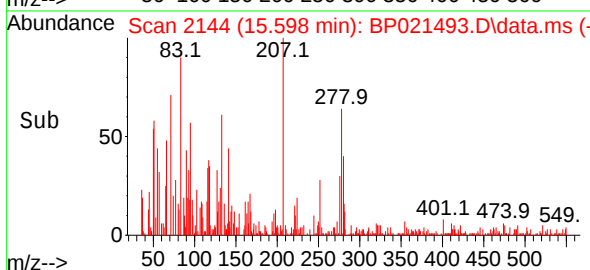
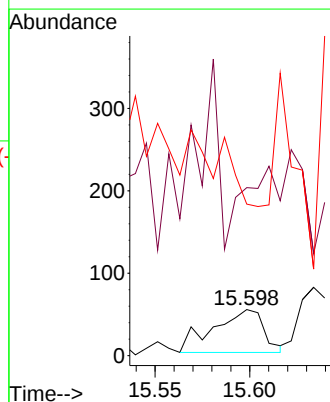
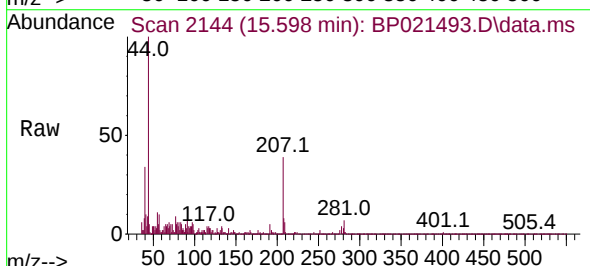
Tgt Ion:198 Resp: 96

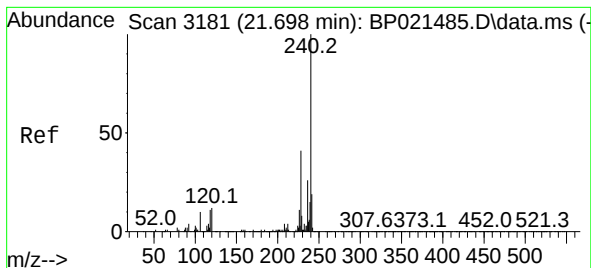
Ion Ratio Lower Upper

198 100

51 364.3 21.5 61.5#

105 328.6 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.704 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

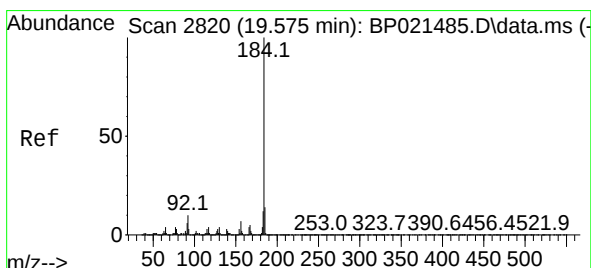
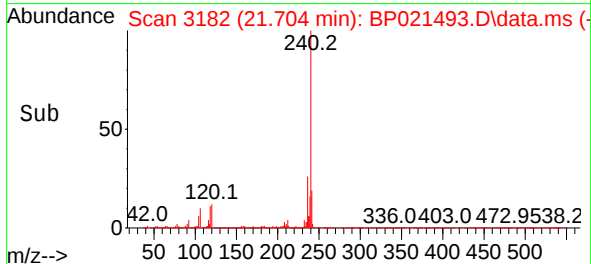
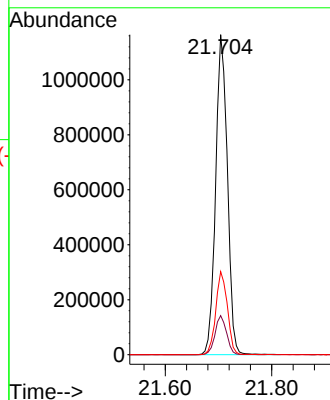
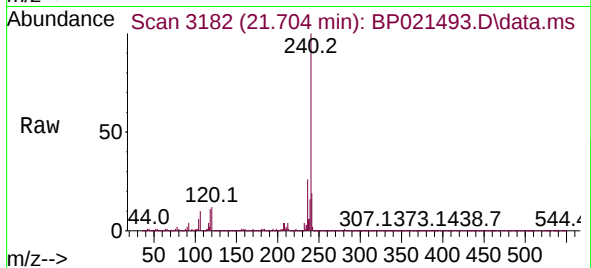
Tgt Ion:240 Resp: 1780981

Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

236 26.0 20.6 30.8



#77

Benzidine

Concen: 4.578 ng

RT: 19.557 min Scan# 2817

Delta R.T. -0.018 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

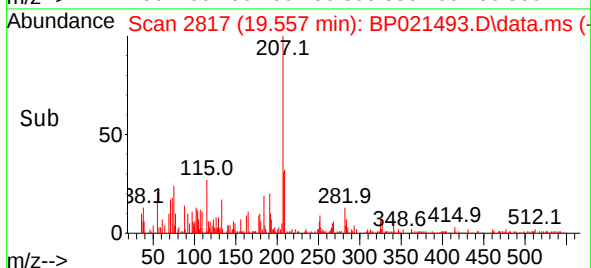
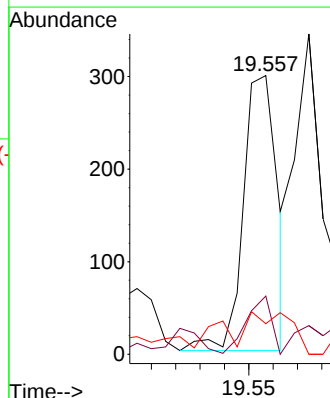
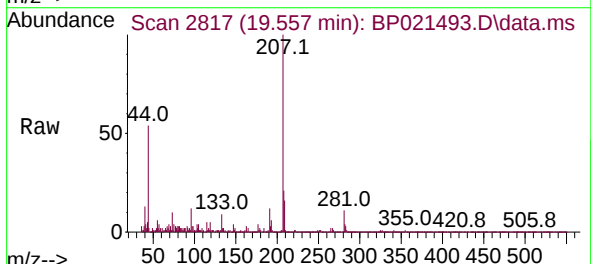
Tgt Ion:184 Resp: 291

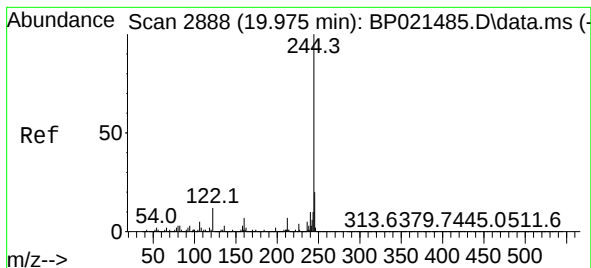
Ion Ratio Lower Upper

184 100

185 20.9 11.4 17.0#

183 11.0 9.3 13.9





#79

Terphenyl-d14

Concen: 106.314 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

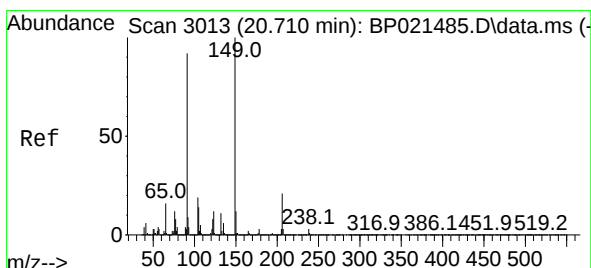
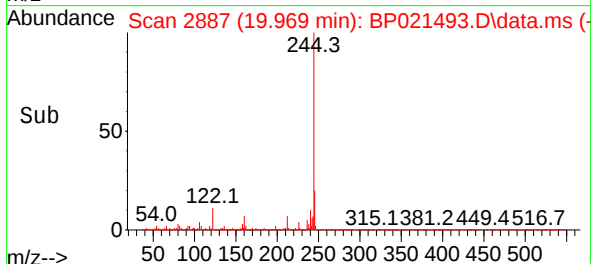
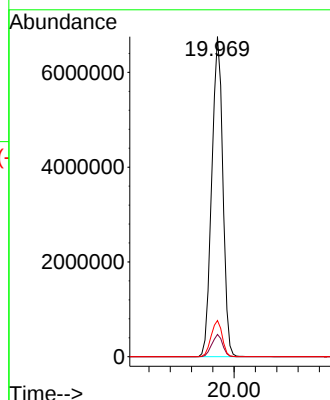
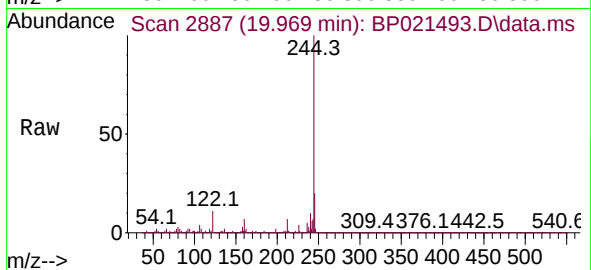
Tgt Ion:244 Resp: 9746252

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.604 ng

RT: 20.698 min Scan# 3011

Delta R.T. -0.012 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

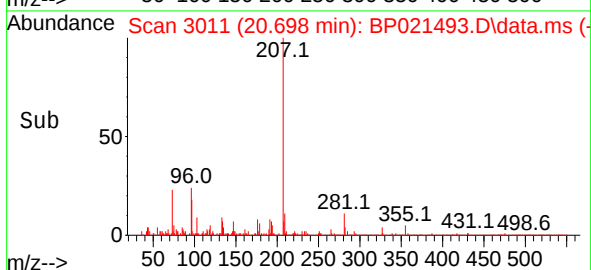
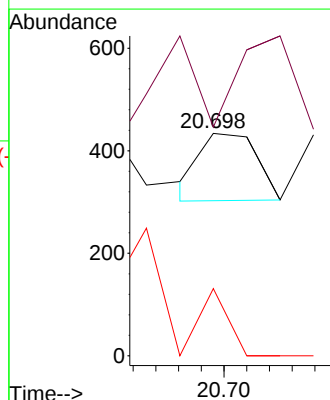
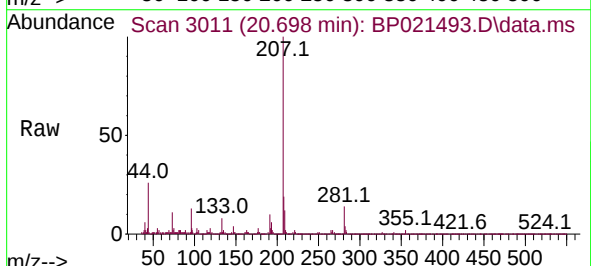
Tgt Ion:149 Resp: 90

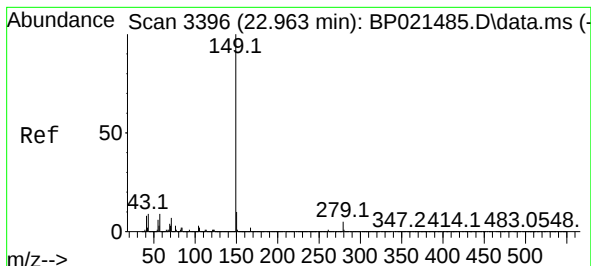
Ion Ratio Lower Upper

149 100

91 102.8 73.3 109.9

206 30.2 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.838 ng

RT: 22.957 min Scan# 3396

Delta R.T. -0.006 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

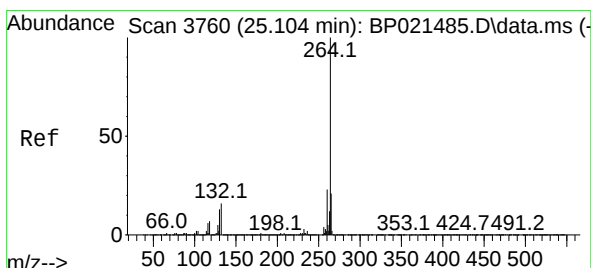
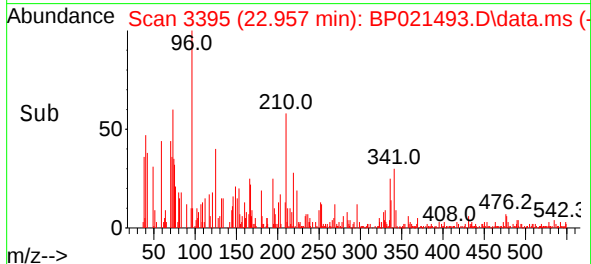
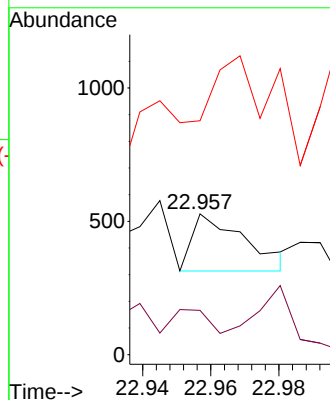
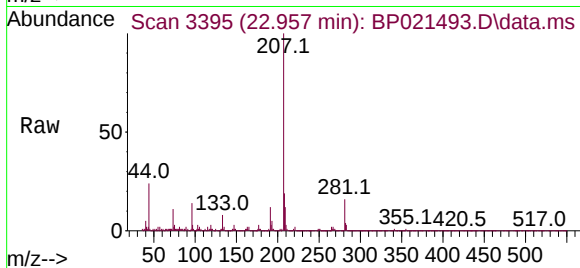
Tgt Ion:149 Resp: 230

Ion Ratio Lower Upper

149 100

167 107.8 1.3 1.9#

43 115.2 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.116 min Scan# 3762

Delta R.T. 0.012 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Tgt Ion:264 Resp: 1816903

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.2 17.1 25.7

