

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013893.D
 Acq On : 28 Feb 2023 17:09
 Operator : CG/JU
 Sample : PB151104BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151104BL

Quant Time: Mar 01 03:46:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 16:57:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

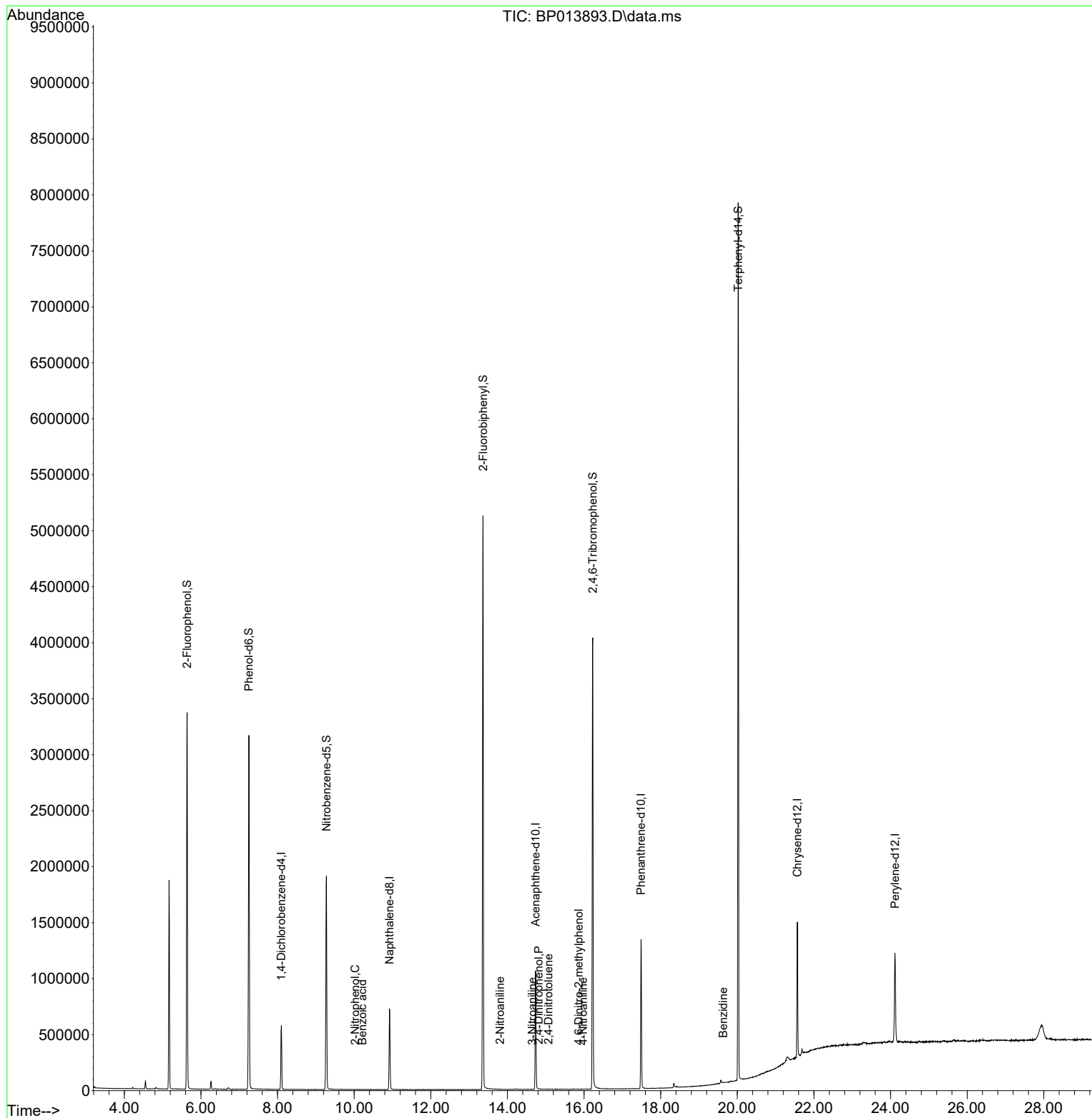
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	155432	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	580820	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	373579	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	811769	20.000	ng	0.00
76) Chrysene-d12	21.569	240	645085	20.000	ng	0.00
86) Perylene-d12	24.116	264	674737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1428885	151.510	ng	0.00
7) Phenol-d6	7.252	99	1806841	149.592	ng	0.00
23) Nitrobenzene-d5	9.275	82	1124410	104.539	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	872408	160.426	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	2670561	93.894	ng	0.00
79) Terphenyl-d14	20.022	244	3890581	116.038	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.022	139	6	2.769	ng	# 17
32) Benzoic acid	10.210	122	41	5.081	ng	# 1
48) 2-Nitroaniline	13.810	65	81	3.241	ng	# 27
53) 3-Nitroaniline	14.645	138	24	2.011	ng	# 63
54) 2,4-Dinitrophenol	14.816	184	6	5.263	ng	# 1
57) 2,4-Dinitrotoluene	15.069	165	49	2.286	ng	# 70
62) 4-Nitroaniline	15.975	138	18	2.549	ng	94
65) 4,6-Dinitro-2-methylph...	15.863	198	10	4.625	ng	# 1
77) Benzidine	19.633	184	58	2.287	ng	# 1

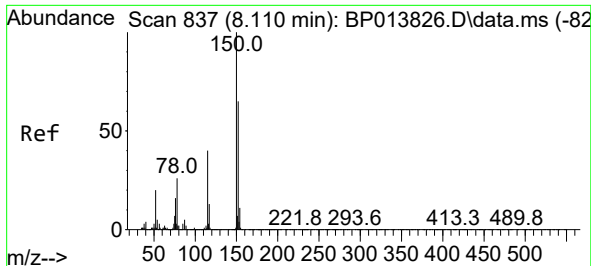
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
Data File : BP013893.D
Acq On : 28 Feb 2023 17:09
Operator : CG/JU
Sample : PB151104BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB151104BL

Quant Time: Mar 01 03:46:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 16:57:00 2023
Response via : Initial Calibration

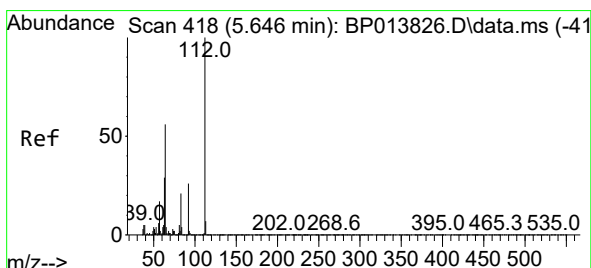
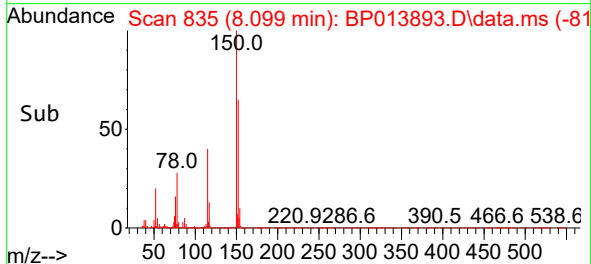
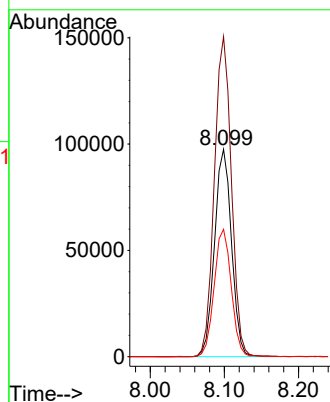
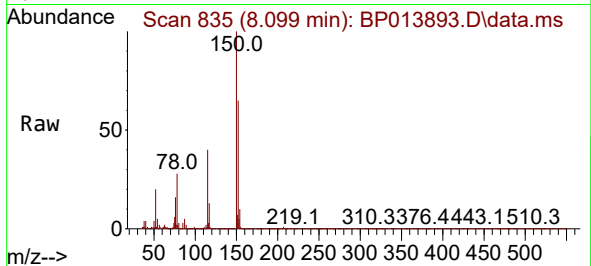




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

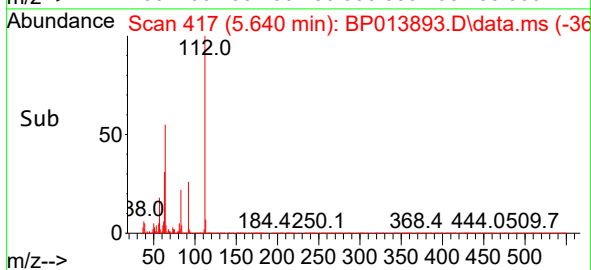
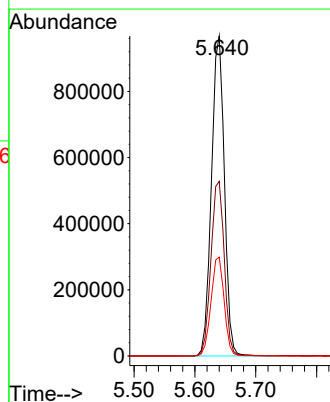
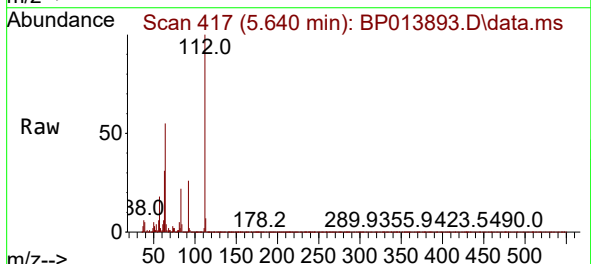
Instrument :
BNA_P
ClientSampleId :
PB151104BL

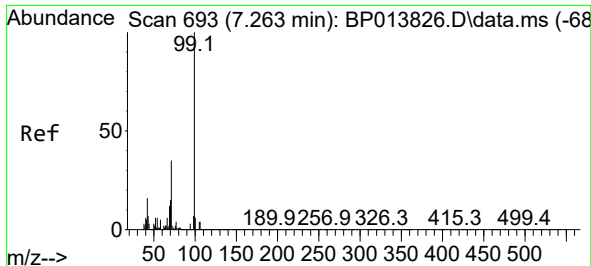
Tgt Ion:152 Resp: 155432
Ion Ratio Lower Upper
152 100
150 154.3 122.8 184.2
115 61.5 49.0 73.6



#5
2-Fluorophenol
Concen: 151.510 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.000 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

Tgt Ion:112 Resp: 1428885
Ion Ratio Lower Upper
112 100
64 54.6 44.6 66.8
63 30.9 23.6 35.4

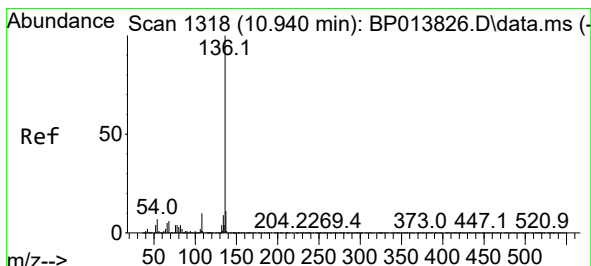
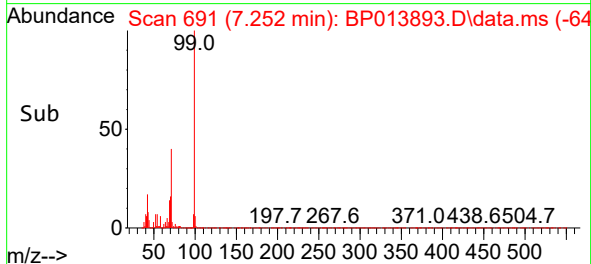
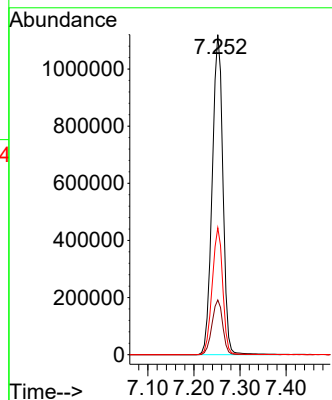
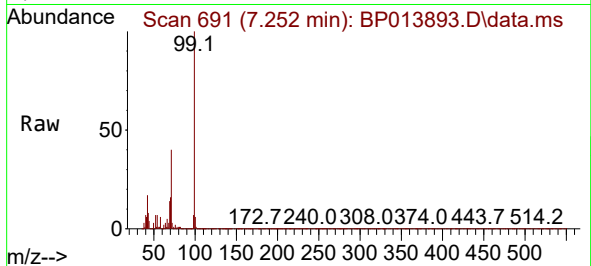




#7
Phenol-d6
Concen: 149.592 ng
RT: 7.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

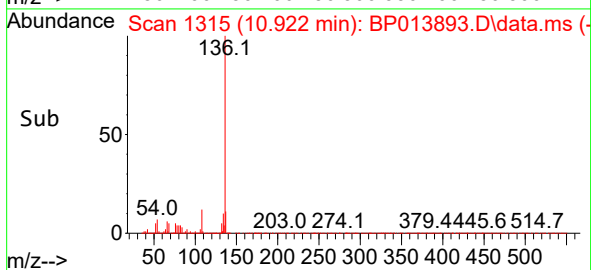
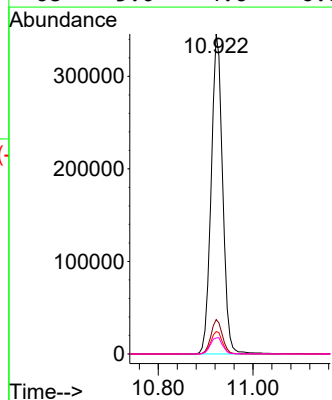
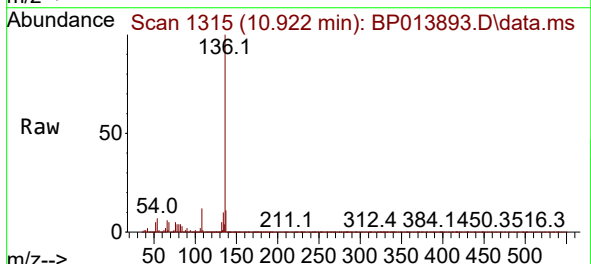
Instrument :
BNA_P
ClientSampleId :
PB151104BL

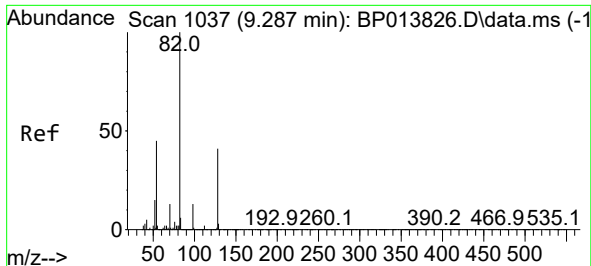
Tgt Ion: 99 Resp: 1806841
Ion Ratio Lower Upper
99 100
42 17.1 12.5 18.7
71 39.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

Tgt Ion: 136 Resp: 580820
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 5.8 8.6
68 5.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 104.539 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013893.D

Acq: 28 Feb 2023 17:09

Instrument :

BNA_P

ClientSampleId :

PB151104BL

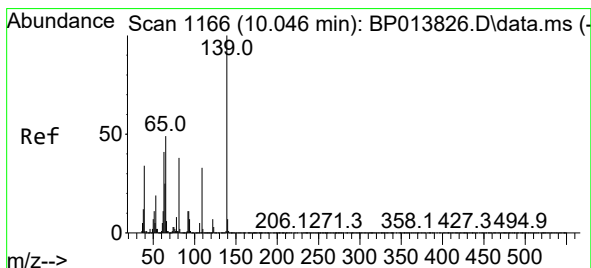
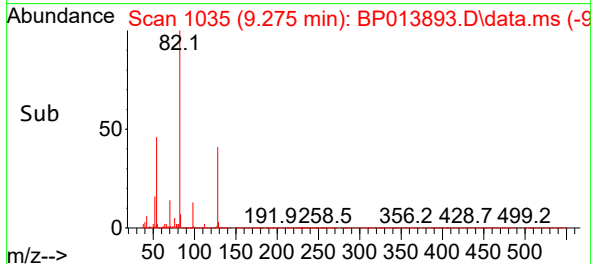
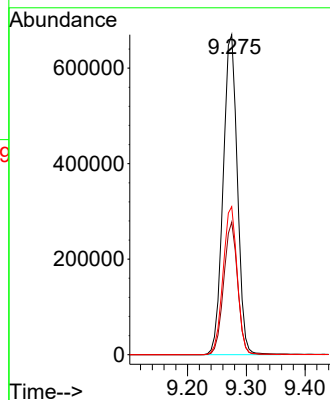
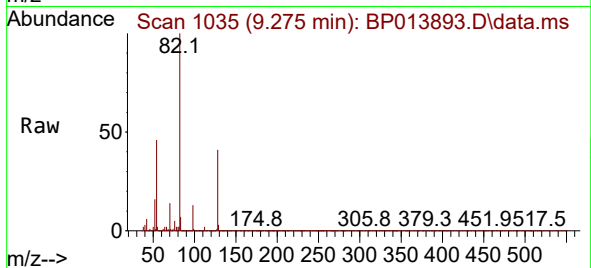
Tgt Ion: 82 Resp: 1124410

Ion Ratio Lower Upper

82 100

128 41.4 32.9 49.3

54 46.3 35.6 53.4



#26

2-Nitrophenol

Concen: 2.769 ng

RT: 10.022 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BP013893.D

Acq: 28 Feb 2023 17:09

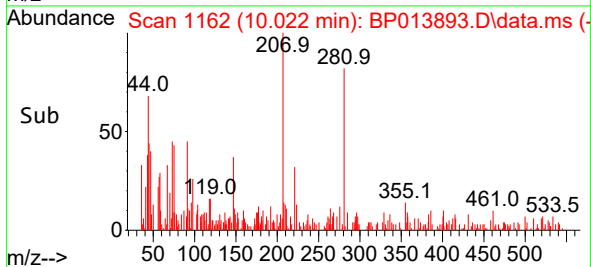
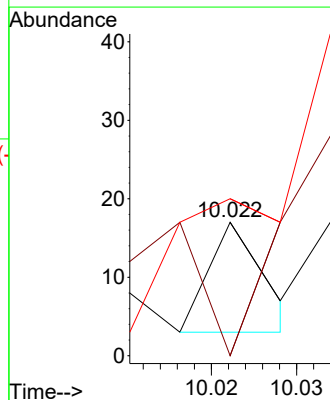
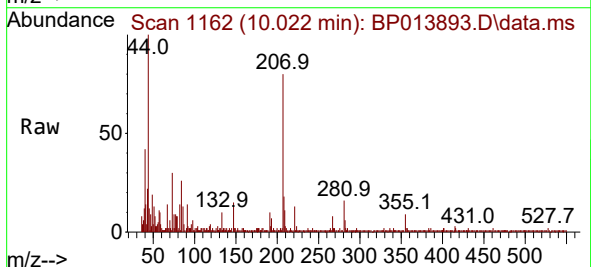
Tgt Ion:139 Resp: 6

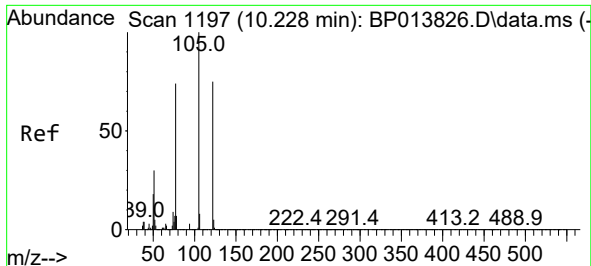
Ion Ratio Lower Upper

139 100

109 0.0 26.7 40.1#

65 117.6 39.4 59.2#

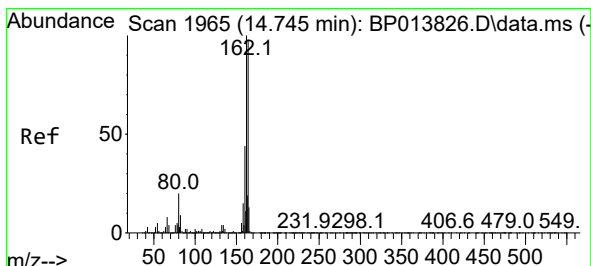
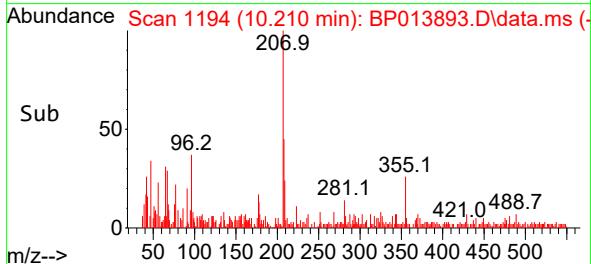
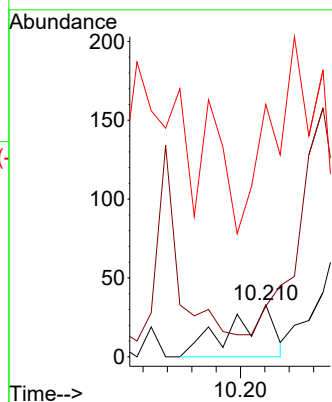
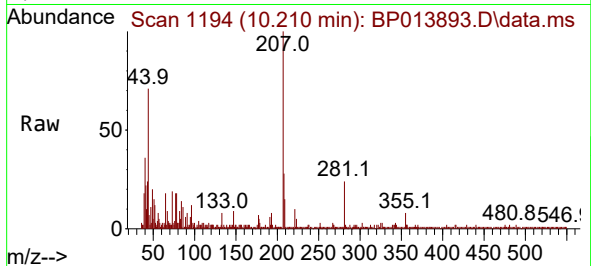




#32
Benzoic acid
Concen: 5.081 ng
RT: 10.210 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

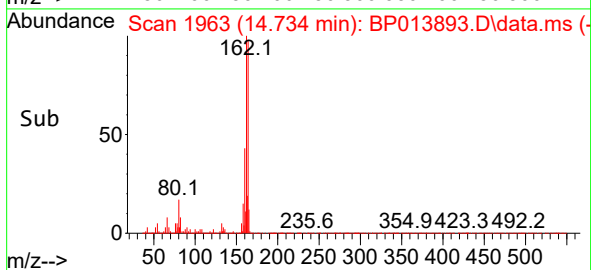
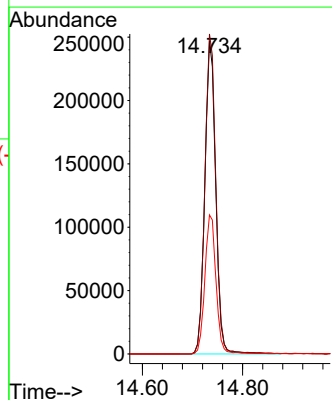
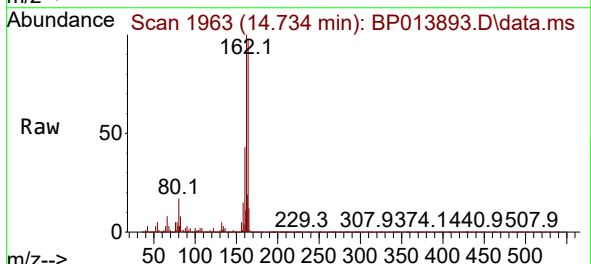
Instrument :
BNA_P
ClientSampleId :
PB151104BL

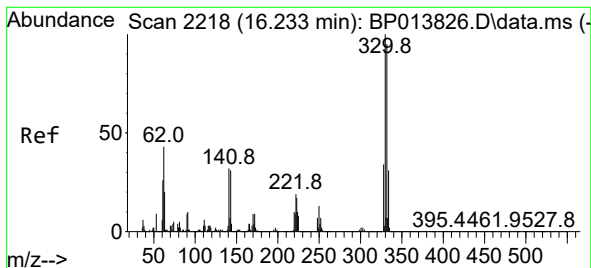
Tgt Ion:122 Resp: 41
Ion Ratio Lower Upper
122 100
105 97.0 107.4 147.4#
77 484.8 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

Tgt Ion:164 Resp: 373579
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 44.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 160.426 ng

RT: 16.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013893.D

Acq: 28 Feb 2023 17:09

Instrument :

BNA_P

ClientSampleId :

PB151104BL

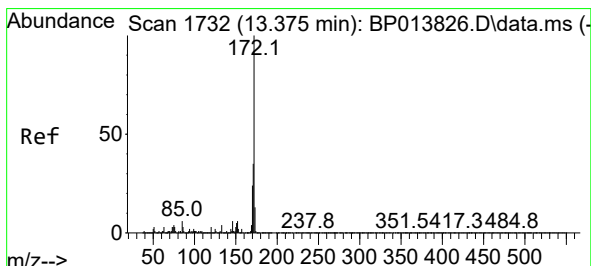
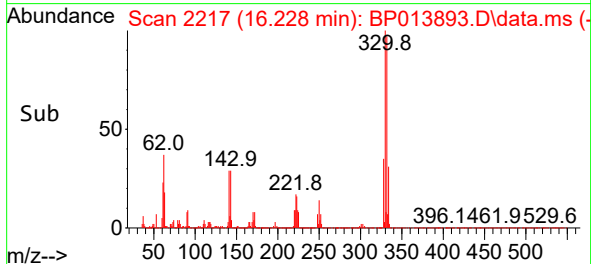
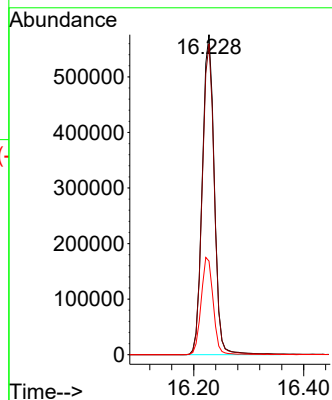
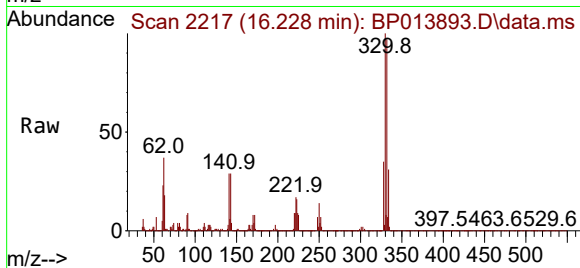
Tgt Ion:330 Resp: 872408

Ion Ratio Lower Upper

330 100

332 97.3 76.7 115.1

141 30.6 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 93.894 ng

RT: 13.363 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BP013893.D

Acq: 28 Feb 2023 17:09

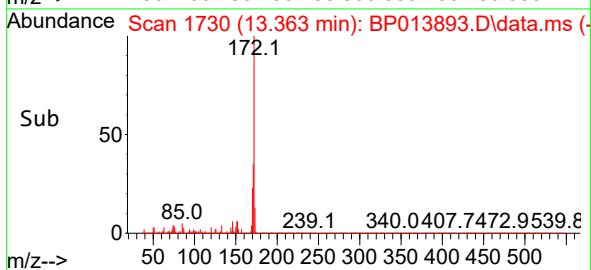
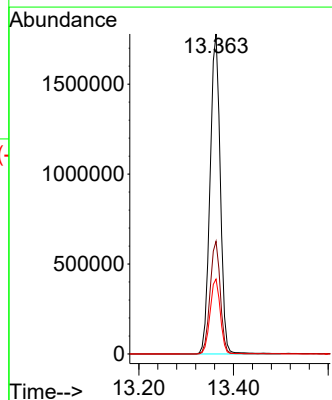
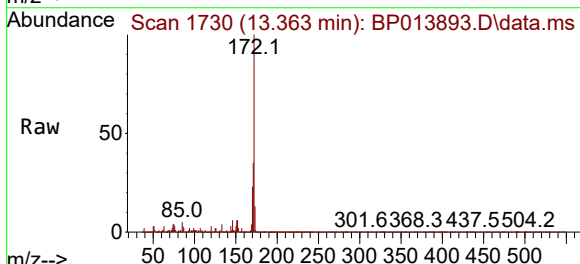
Tgt Ion:172 Resp: 2670561

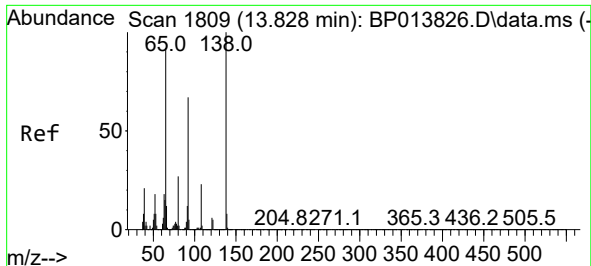
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.4 19.0 28.4

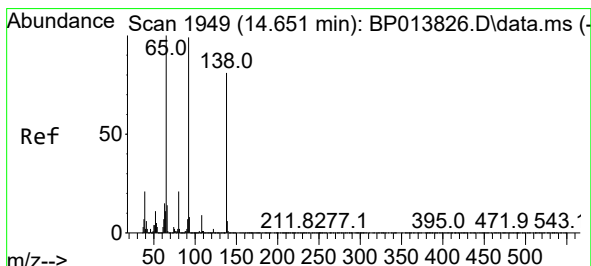
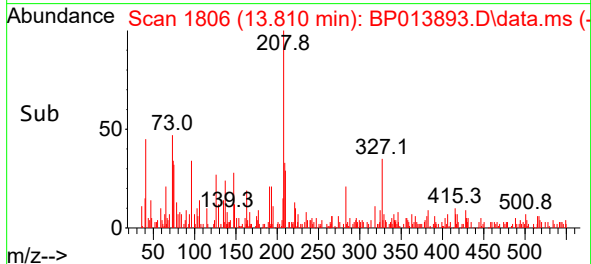
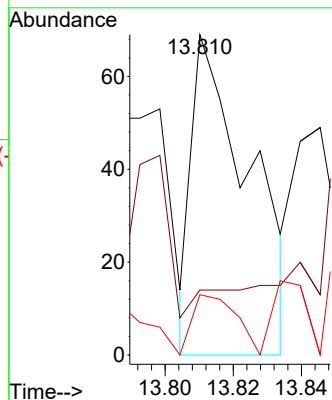
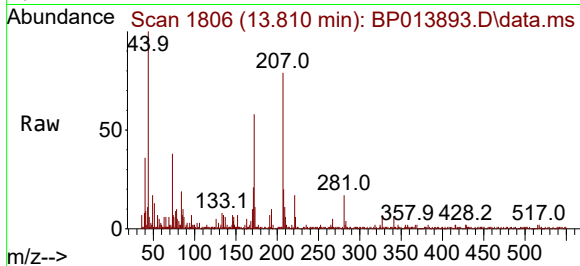




#48
2-Nitroaniline
Concen: 3.241 ng
RT: 13.810 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

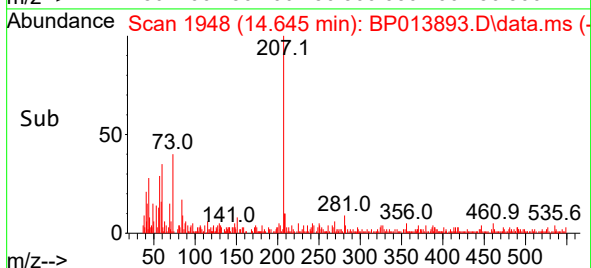
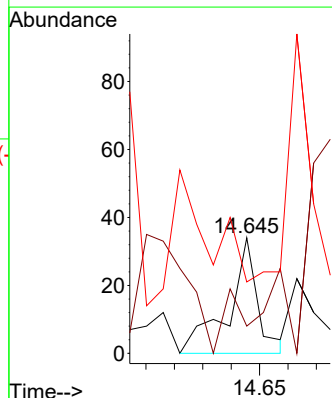
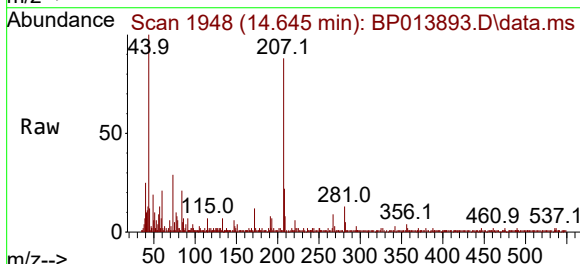
Instrument :
BNA_P
ClientSampleId :
PB151104BL

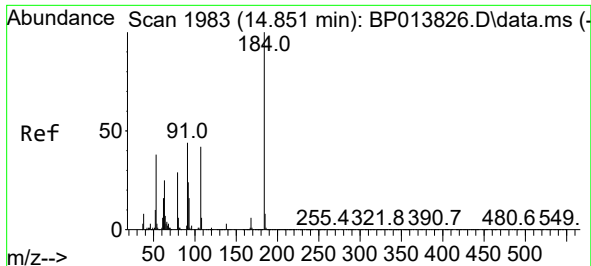
Tgt Ion: 65 Resp: 81
Ion Ratio Lower Upper
65 100
92 20.3 58.7 88.1#
138 26.1 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.011 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

Tgt Ion: 138 Resp: 24
Ion Ratio Lower Upper
138 100
108 23.5 9.0 13.4#
92 79.4 97.1 145.7#

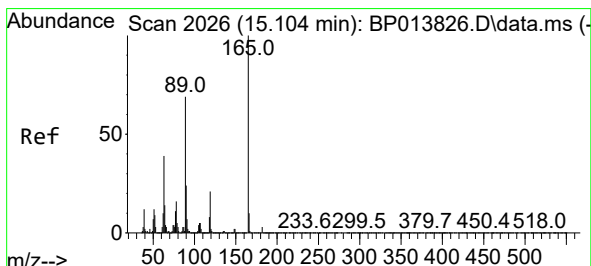
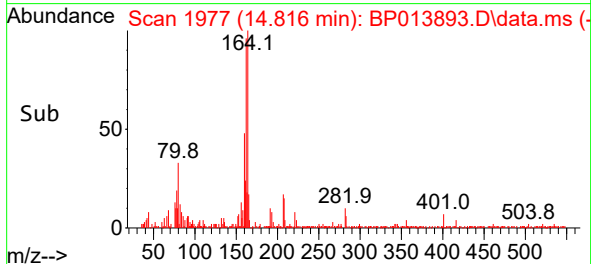
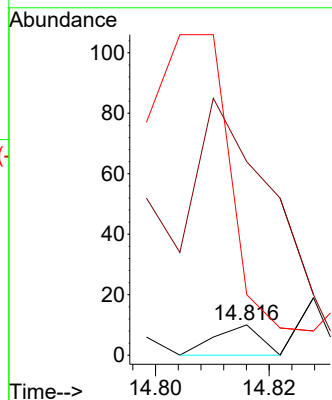
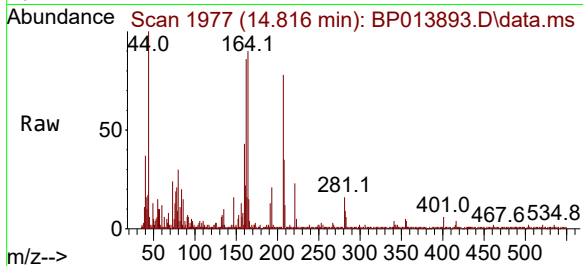




#54
2,4-Dinitrophenol
Concen: 5.263 ng
RT: 14.816 min Scan# 1983
Delta R.T. -0.029 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

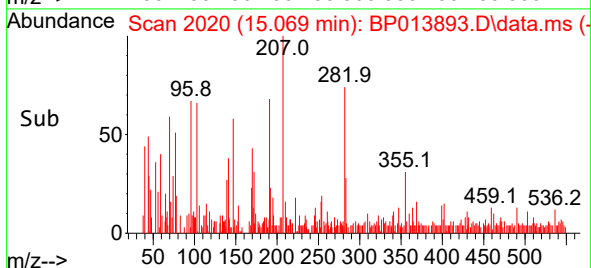
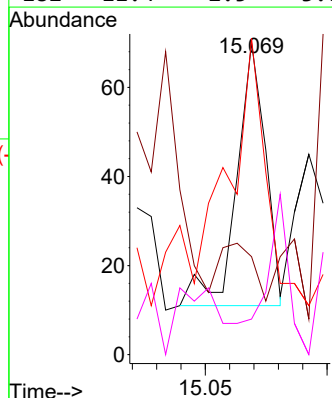
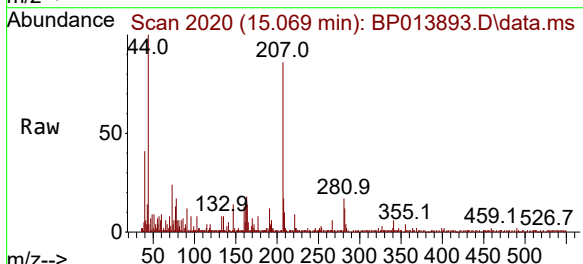
Instrument :
BNA_P
ClientSampleId :
PB151104BL

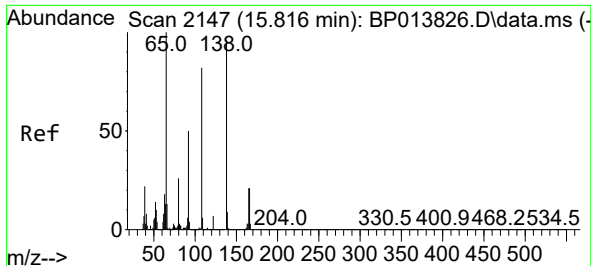
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 640.0 47.0 70.4#
154 200.0 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.286 ng
RT: 15.069 min Scan# 2020
Delta R.T. -0.029 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

Tgt Ion:165 Resp: 49
Ion Ratio Lower Upper
165 100
63 31.4 31.1 46.7
89 101.4 54.9 82.3#
182 11.4 2.5 3.7#

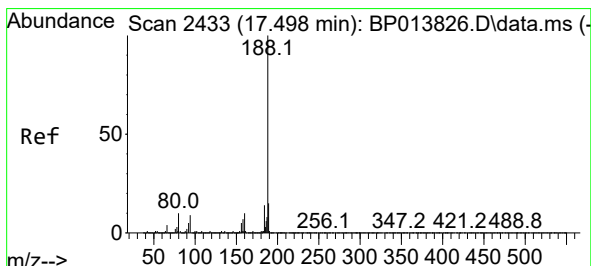
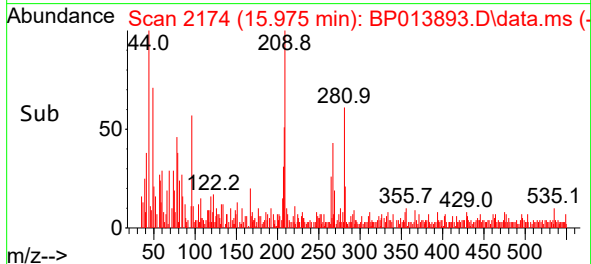
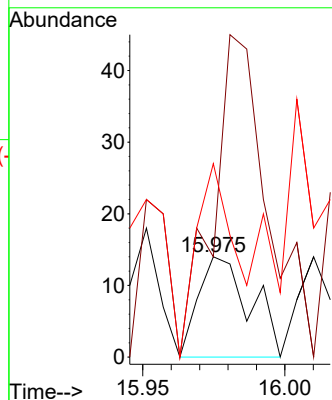
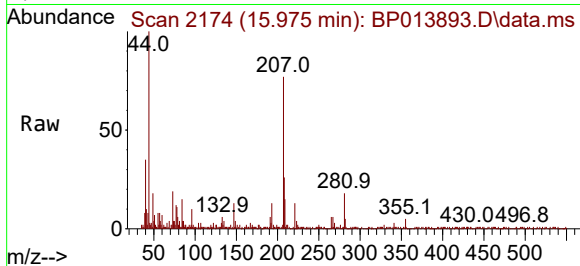




#62
4-Nitroaniline
Concen: 2.549 ng
RT: 15.975 min Scan# 2147
Delta R.T. 0.165 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

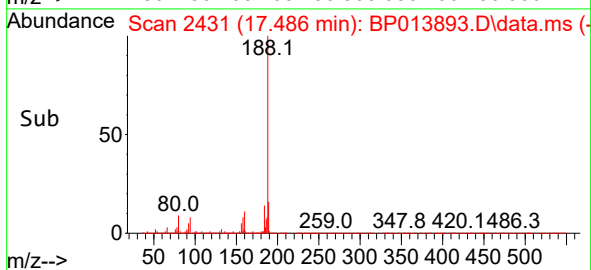
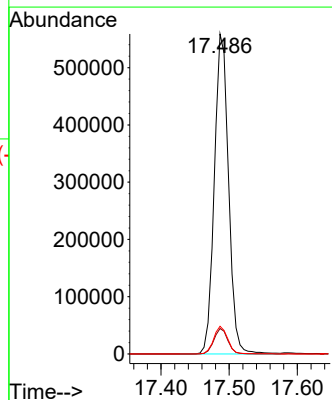
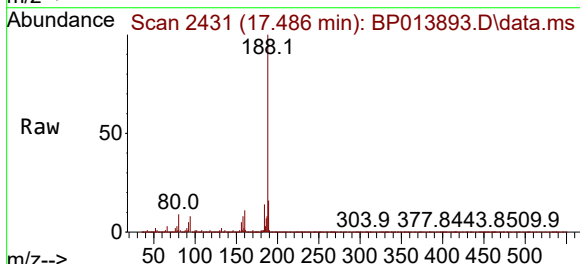
Instrument :
BNA_P
ClientSampleId :
PB151104BL

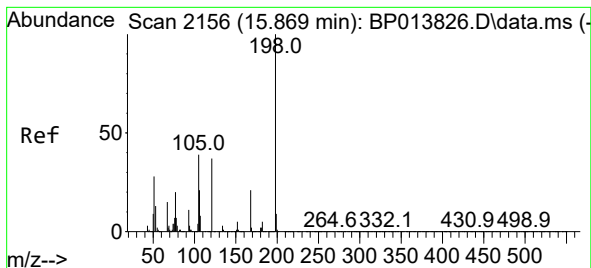
Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
92 46.7 32.0 72.0
108 90.0 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

Tgt Ion:188 Resp: 811769
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.7 7.8 11.8

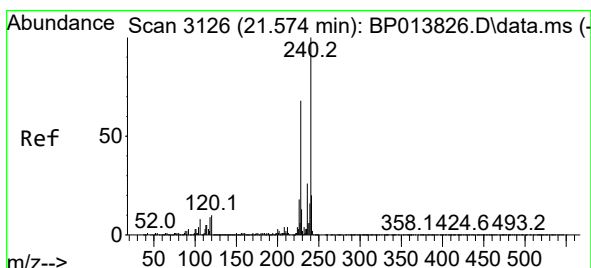
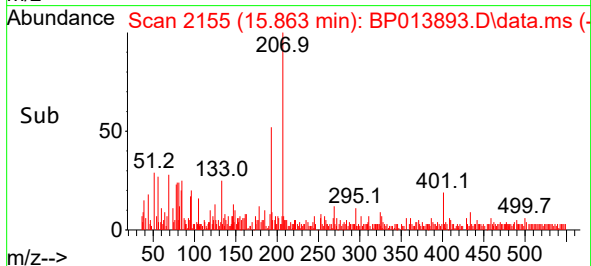
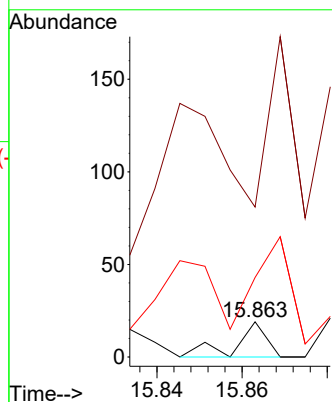
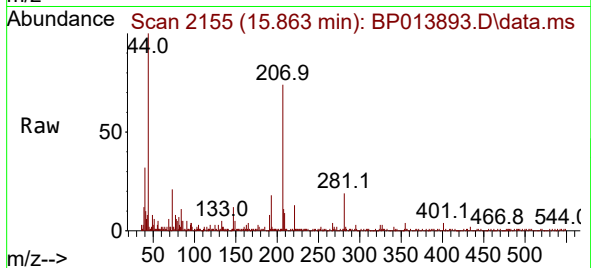




#65
4,6-Dinitro-2-methylphenol
Concen: 4.625 ng
RT: 15.863 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

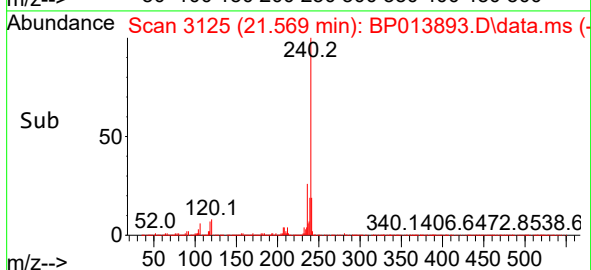
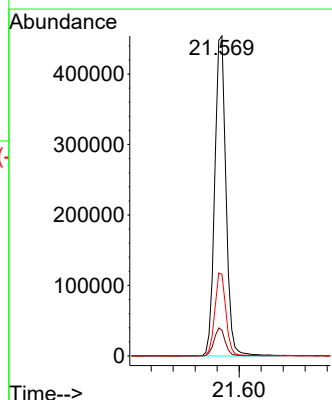
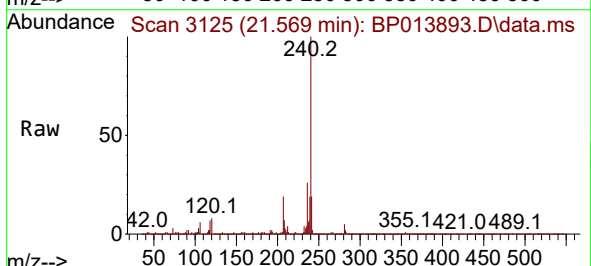
Instrument :
BNA_P
ClientSampleId :
PB151104BL

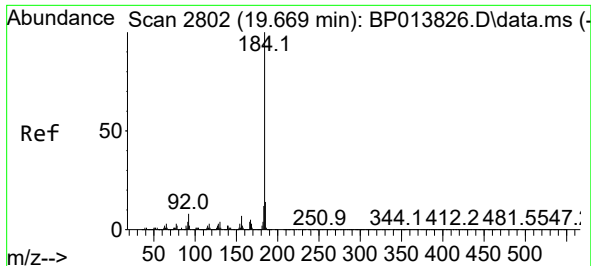
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 300.0 14.3 54.3#
105 159.3 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

Tgt Ion:240 Resp: 645085
Ion Ratio Lower Upper
240 100
120 8.1 7.9 11.9
236 25.5 20.9 31.3

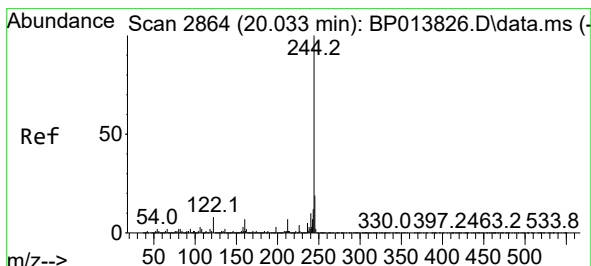
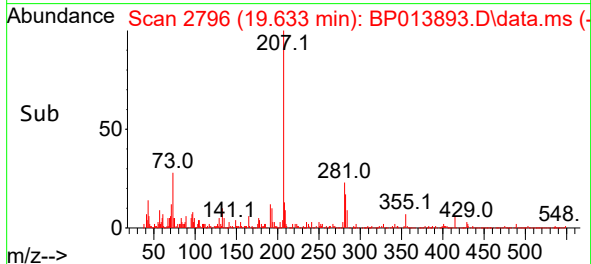
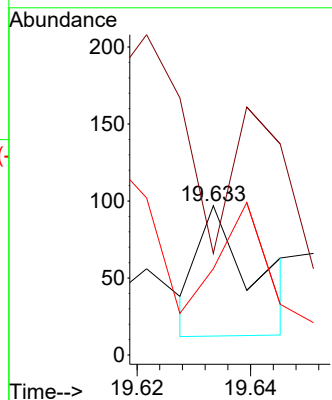
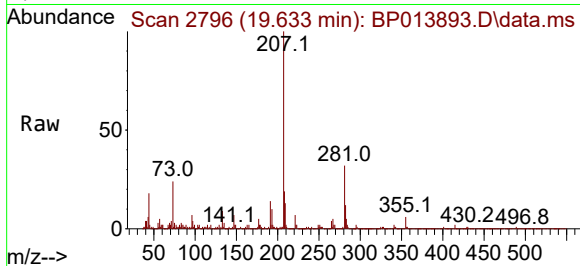




#77
Benzidine
Concen: 2.287 ng
RT: 19.633 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

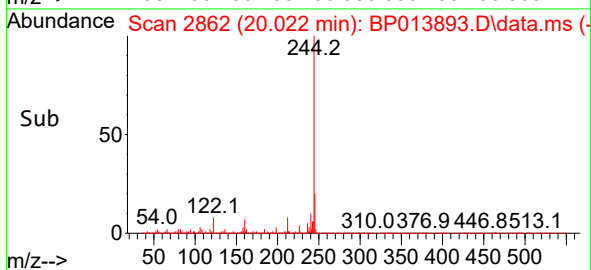
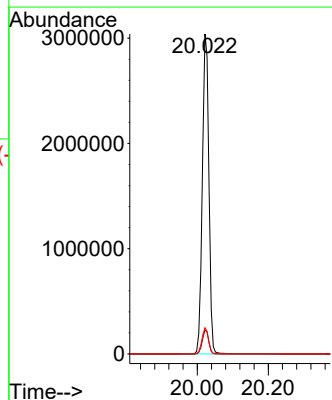
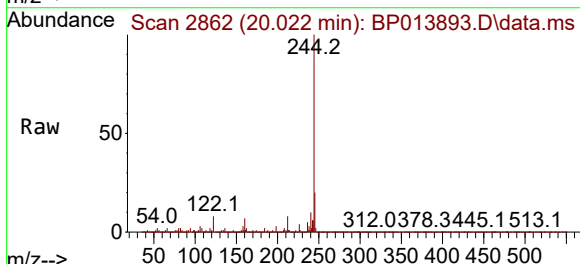
Instrument :
BNA_P
ClientSampleId :
PB151104BL

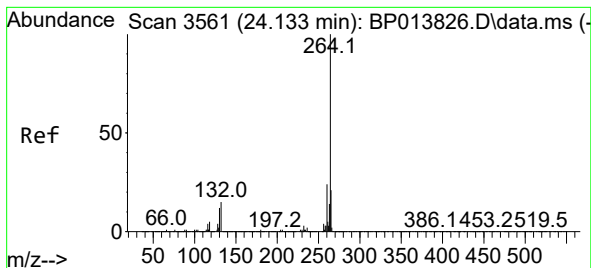
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
185 68.0 11.4 17.0#
183 57.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 116.038 ng
RT: 20.022 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP013893.D
Acq: 28 Feb 2023 17:09

Tgt Ion:244 Resp: 3890581
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 8.2 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.116 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013893.D

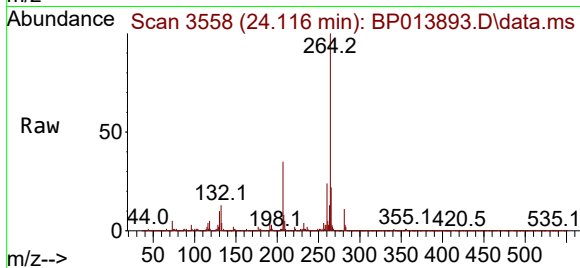
Acq: 28 Feb 2023 17:09

Instrument :

BNA_P

ClientSampleId :

PB151104BL



Tgt Ion:264 Resp: 674737

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 22.0 17.6 26.4

