

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
 Data File : BP013890.D
 Acq On : 24 Feb 2023 17:57
 Operator : CG/JU
 Sample : 01657-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-2023-2-22

Quant Time: Feb 24 22:40:25 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)

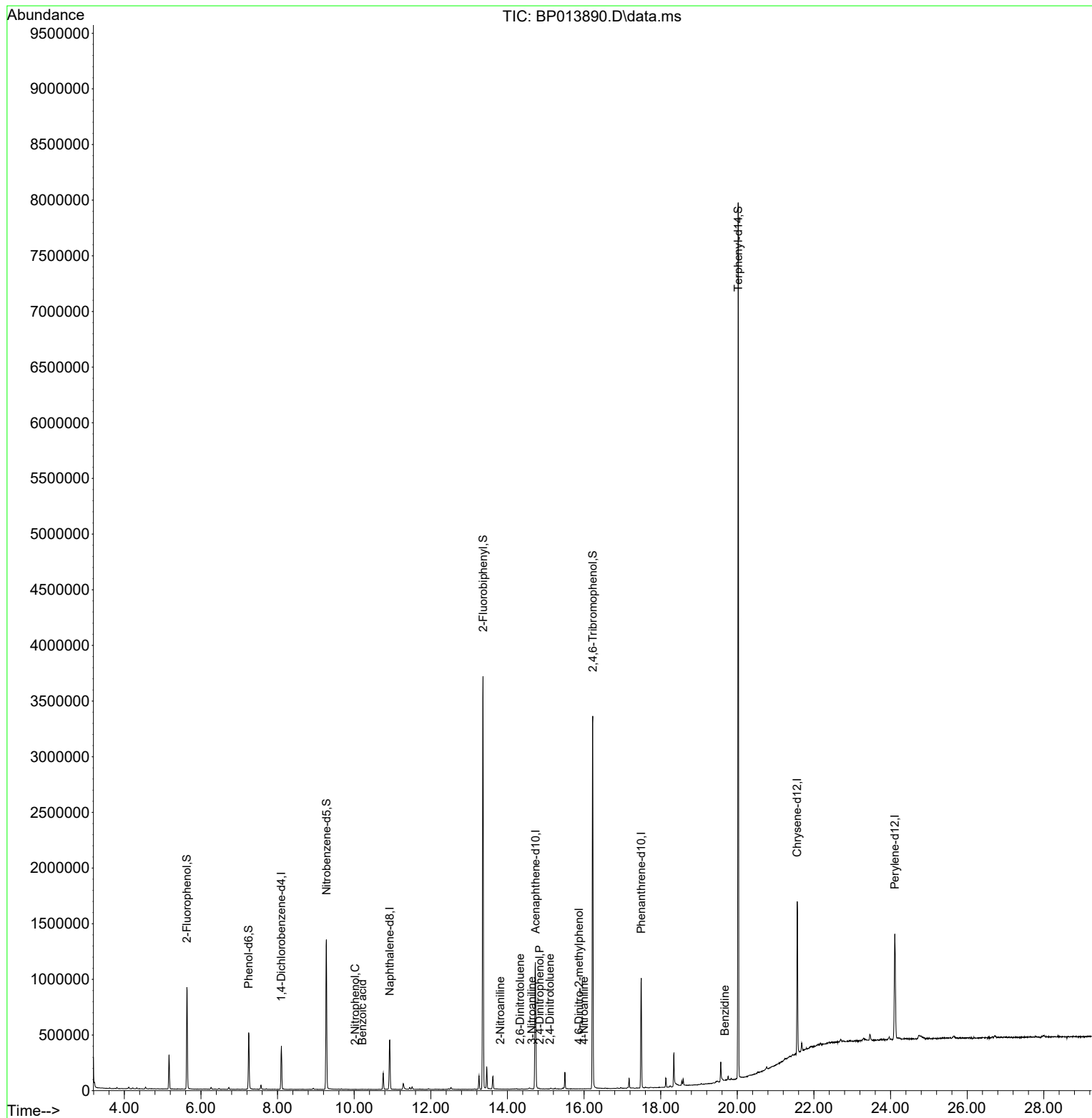
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	101296	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	374417	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	252122	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	602854	20.000	ng	0.00
76) Chrysene-d12	21.563	240	694662	20.000	ng	-0.01
86) Perylene-d12	24.110	264	787893	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	388780	63.255	ng	0.00
7) Phenol-d6	7.246	99	288466	36.646	ng	0.00
23) Nitrobenzene-d5	9.275	82	793035	114.375	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	668406	182.124	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	1885002	98.202	ng	0.00
79) Terphenyl-d14	20.022	244	3620302	100.271	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.022	139	58	2.784	ng	# 5
32) Benzoic acid	10.210	122	90	5.094	ng	# 61
48) 2-Nitroaniline	13.816	65	79	3.247	ng	# 38
51) 2,6-Dinitrotoluene	14.328	165	153	2.020	ng	# 86
53) 3-Nitroaniline	14.634	138	9	2.010	ng	# 84
54) 2,4-Dinitrophenol	14.839	184	47	5.277	ng	# 1
57) 2,4-Dinitrotoluene	15.110	165	126	2.301	ng	# 57
62) 4-Nitroaniline	15.998	138	34	2.554	ng	90
65) 4,6-Dinitro-2-methylph...	15.869	198	15	4.627	ng	# 1
77) Benzidine	19.675	184	229	2.298	ng	# 1

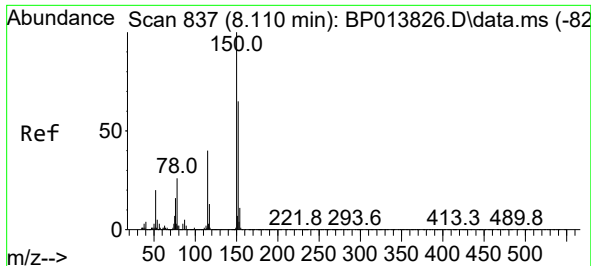
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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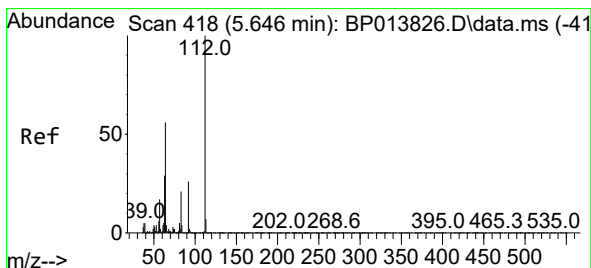
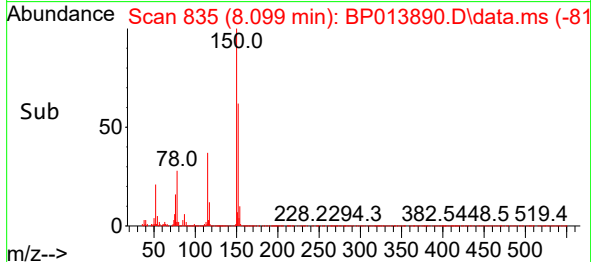
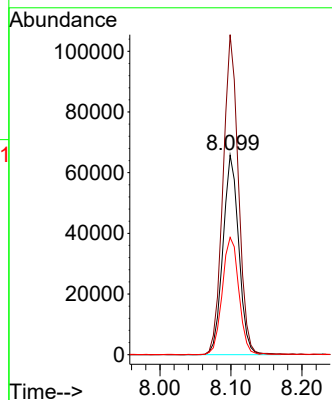
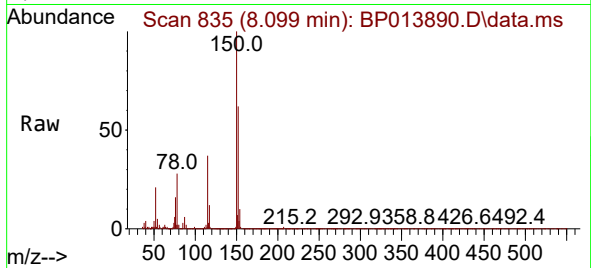




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

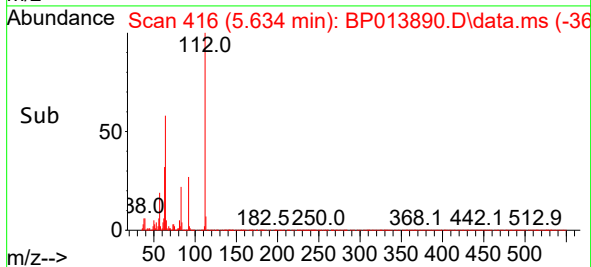
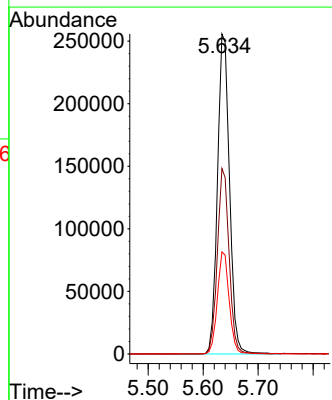
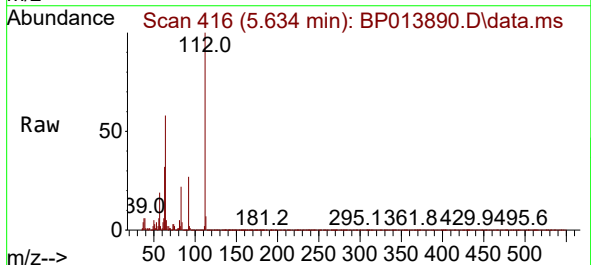
Instrument :
BNA_P
ClientSampleId :
EB-2023-2-22

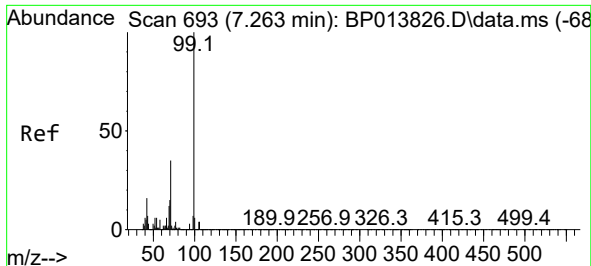
Tgt Ion:152 Resp: 101296
Ion Ratio Lower Upper
152 100
150 160.3 122.8 184.2
115 58.7 49.0 73.6



#5
2-Fluorophenol
Concen: 63.255 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

Tgt Ion:112 Resp: 388780
Ion Ratio Lower Upper
112 100
64 58.0 44.6 66.8
63 31.9 23.6 35.4

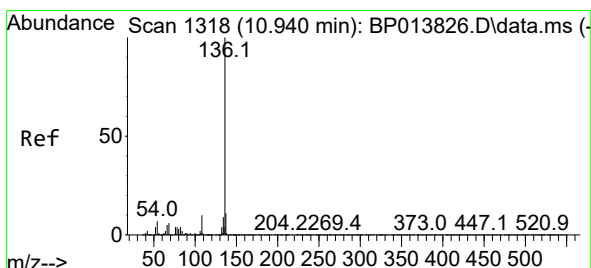
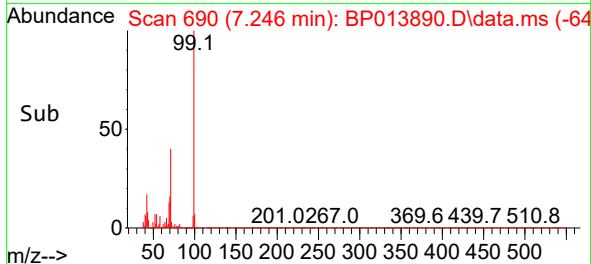
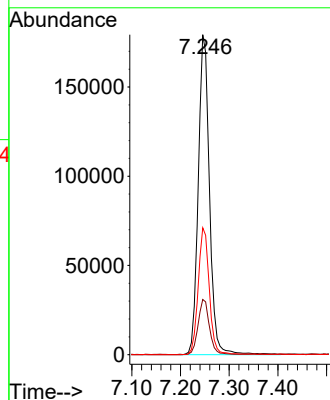
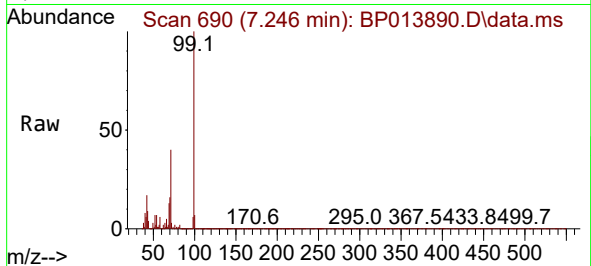




#7
Phenol-d6
Concen: 36.646 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

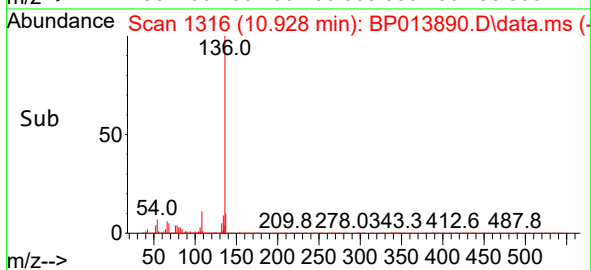
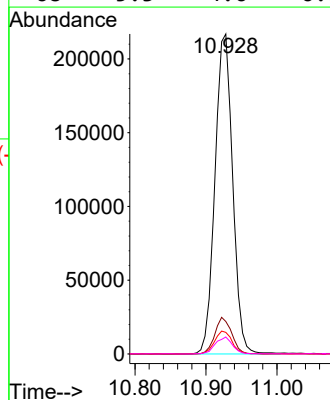
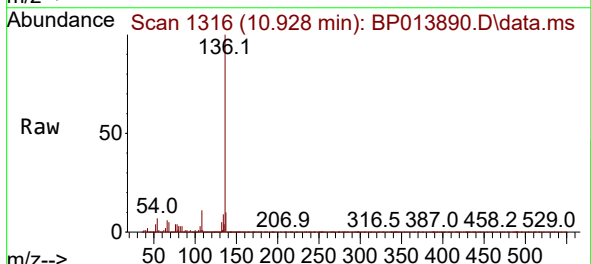
Instrument :
BNA_P
ClientSampleId :
EB-2023-2-22

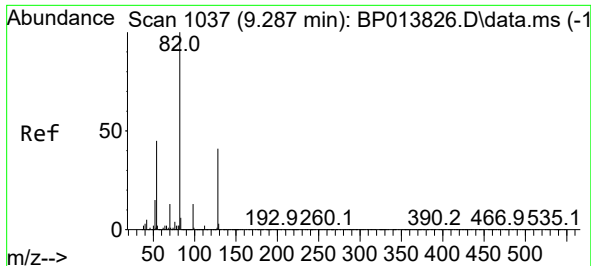
Tgt Ion:	99	Resp:	288466
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.5	18.7
71	39.6	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

Tgt Ion:	136	Resp:	374417
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	6.8	5.8	8.6
68	5.3	4.6	6.8

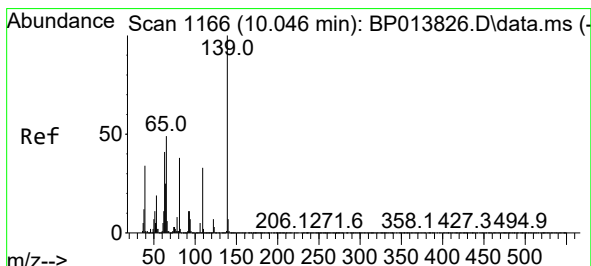
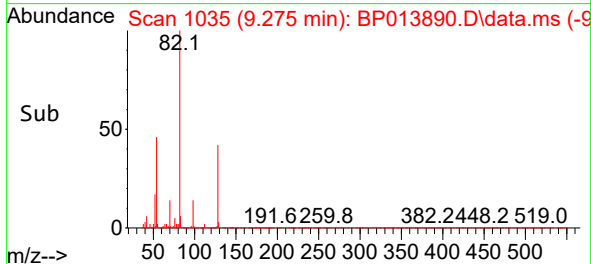
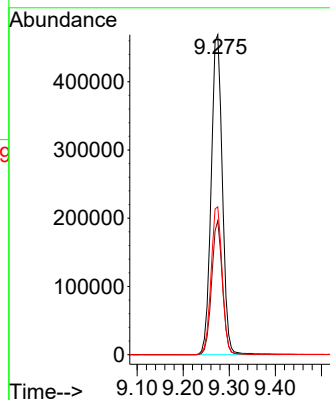
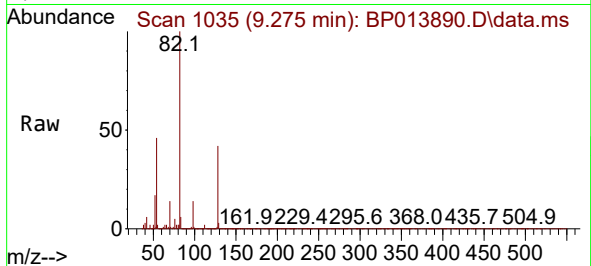




#23
Nitrobenzene-d5
Concen: 114.375 ng
RT: 9.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

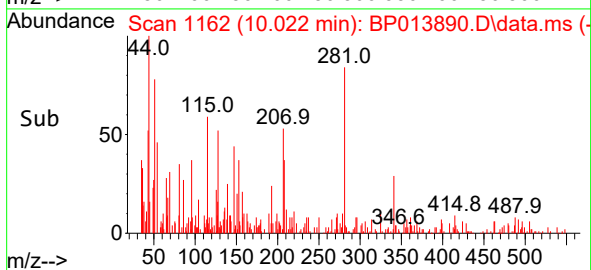
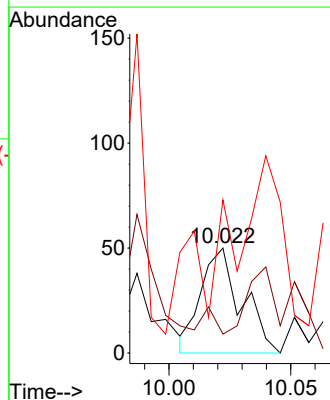
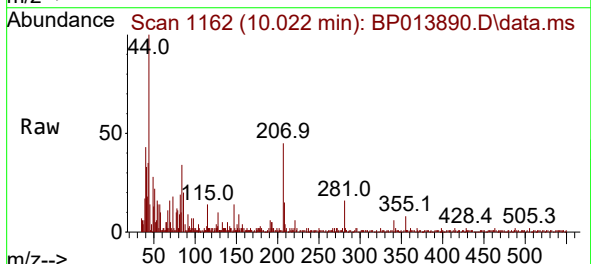
Instrument :
BNA_P
ClientSampleId :
EB-2023-2-22

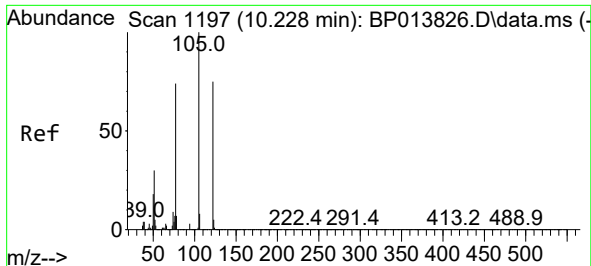
Tgt Ion: 82 Resp: 793035
Ion Ratio Lower Upper
82 100
128 41.9 32.9 49.3
54 46.2 35.6 53.4



#26
2-Nitrophenol
Concen: 2.784 ng
RT: 10.022 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 18.0 26.7 40.1#
65 146.0 39.4 59.2#

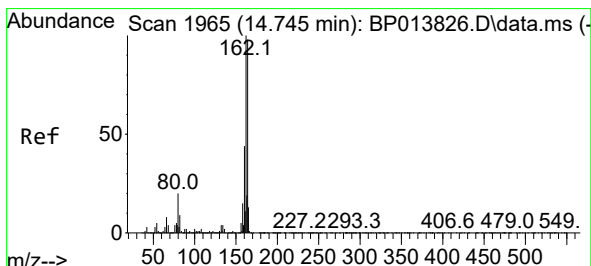
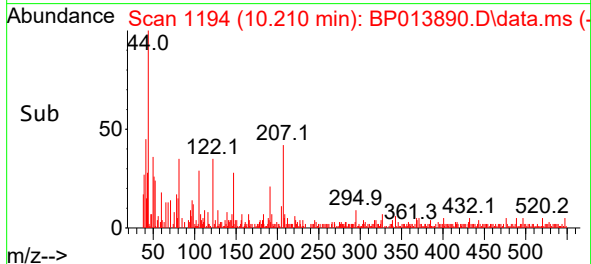
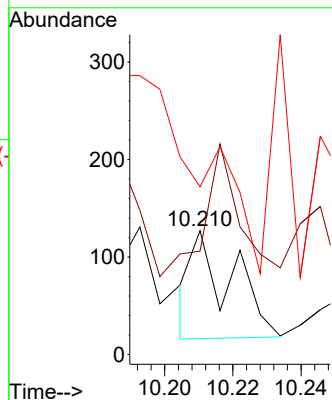
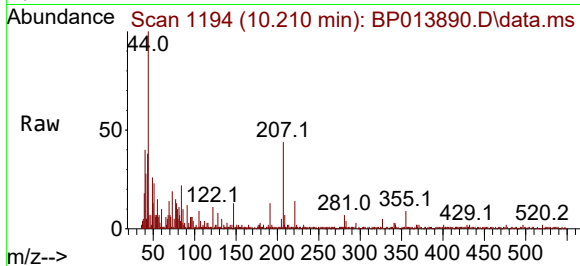




#32
Benzoic acid
Concen: 5.094 ng
RT: 10.210 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

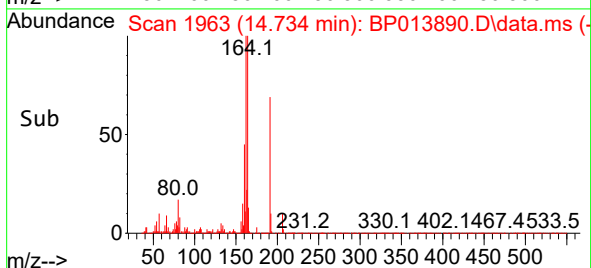
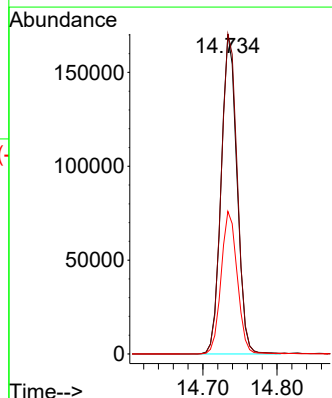
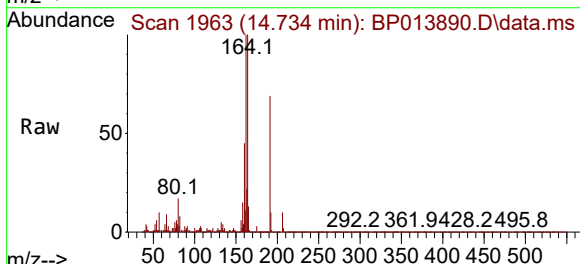
Instrument :
BNA_P
ClientSampleId :
EB-2023-2-22

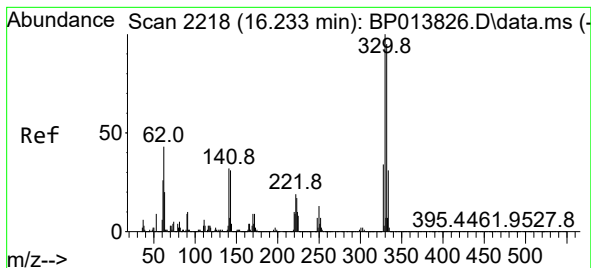
Tgt Ion:122 Resp: 90
Ion Ratio Lower Upper
122 100
105 83.5 107.4 147.4#
77 135.4 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

Tgt Ion:164 Resp: 252122
Ion Ratio Lower Upper
164 100
162 100.1 81.7 122.5
160 44.6 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 182.124 ng

RT: 16.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

Instrument :

BNA_P

ClientSampleId :

EB-2023-2-22

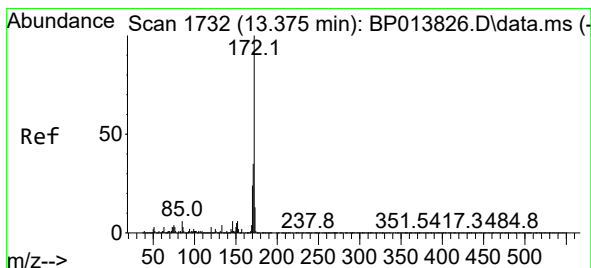
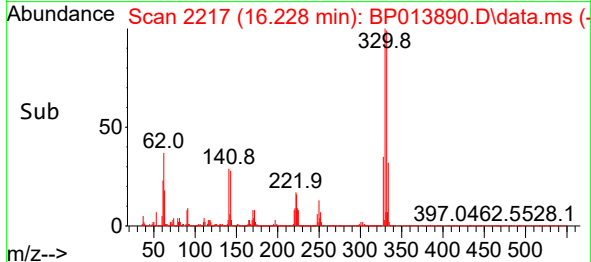
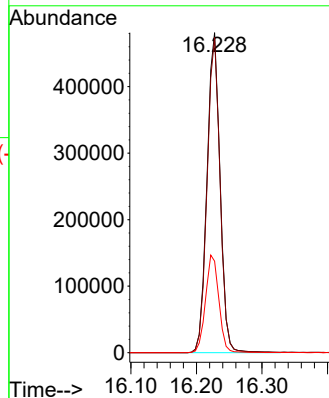
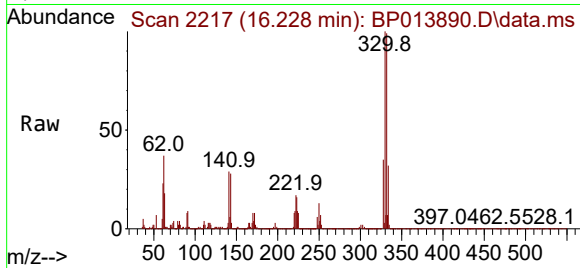
Tgt Ion:330 Resp: 668406

Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 31.1 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 98.202 ng

RT: 13.363 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

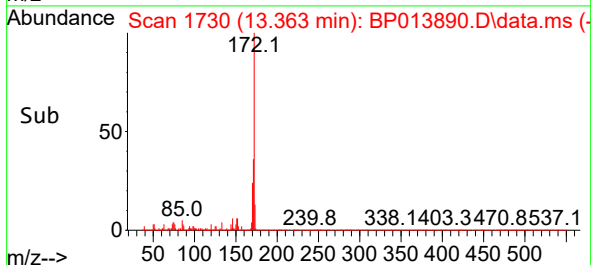
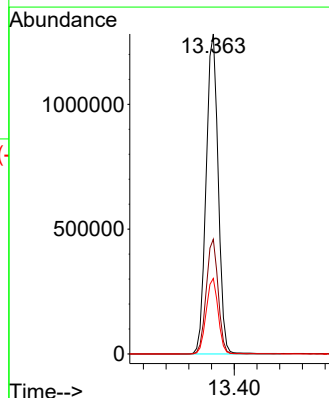
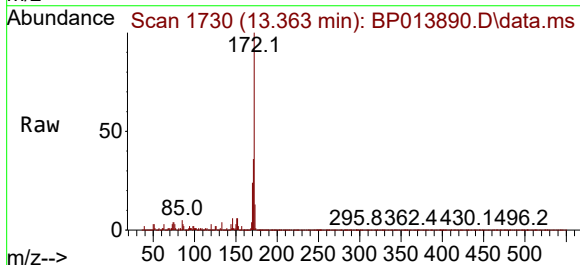
Tgt Ion:172 Resp: 1885002

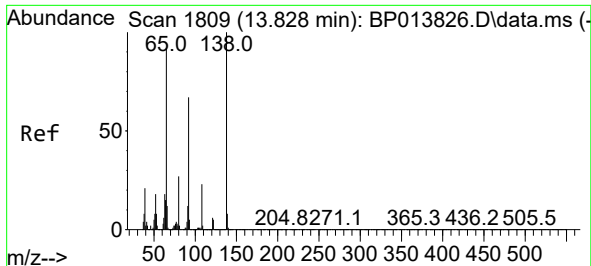
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

170 23.6 19.0 28.4

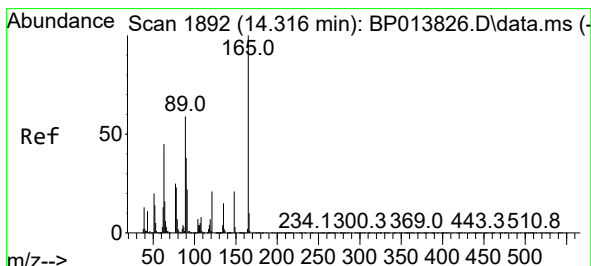
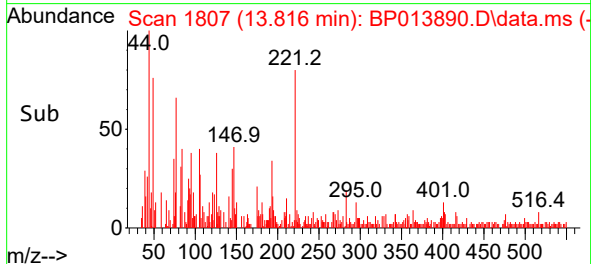
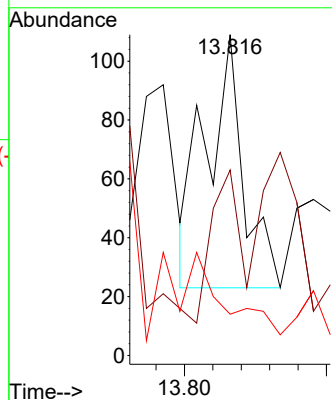
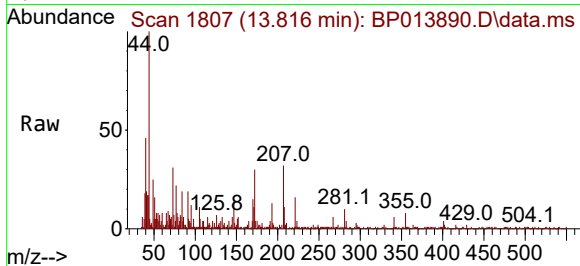




#48
2-Nitroaniline
Concen: 3.247 ng
RT: 13.816 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

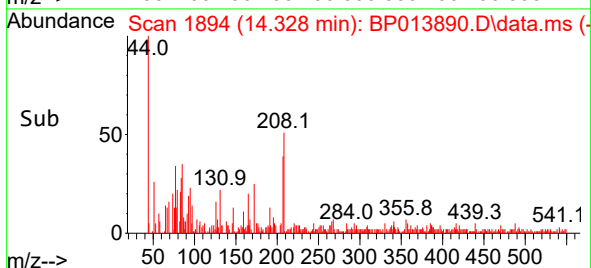
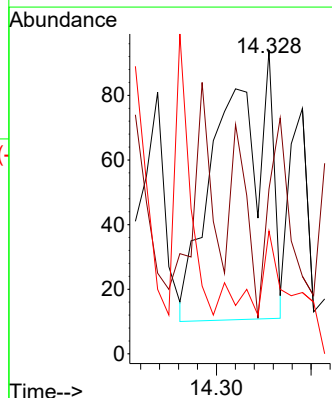
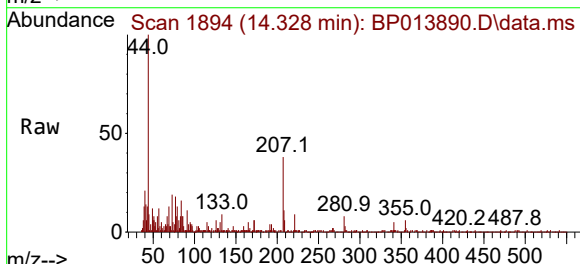
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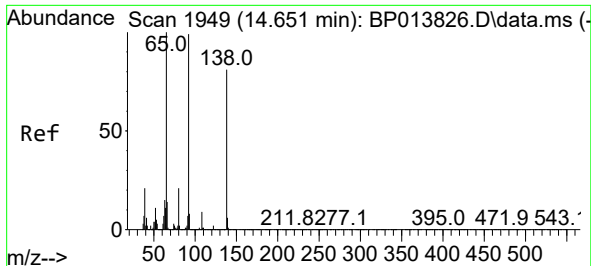
Tgt Ion: 65 Resp: 79
Ion Ratio Lower Upper
65 100
92 57.8 58.7 88.1#
138 12.8 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.020 ng
RT: 14.328 min Scan# 1894
Delta R.T. 0.012 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

Tgt Ion: 165 Resp: 153
Ion Ratio Lower Upper
165 100
63 54.3 42.6 63.8
89 40.4 47.1 70.7#

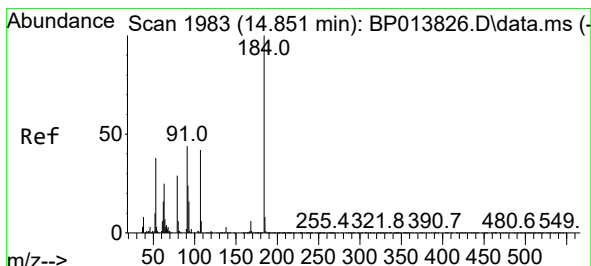
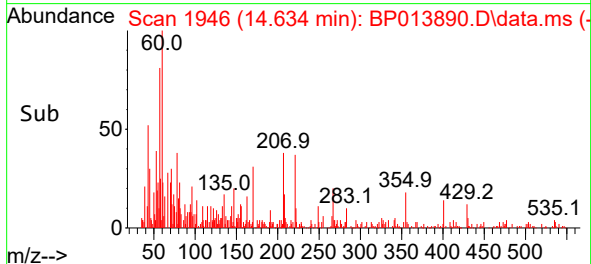
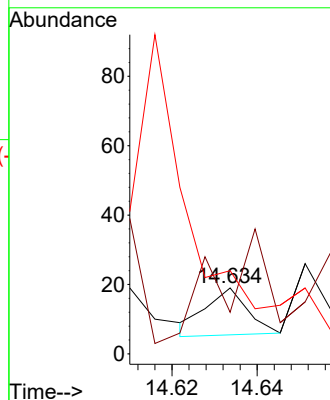
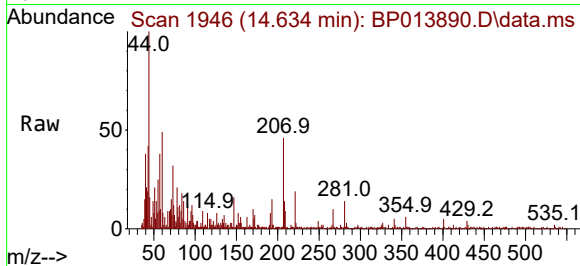




#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.634 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

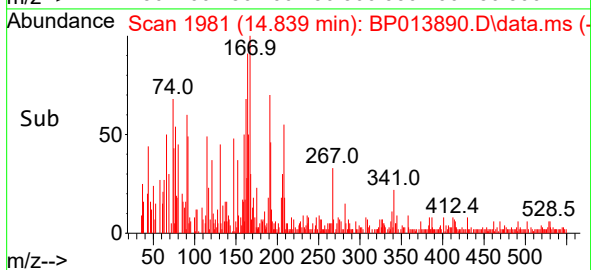
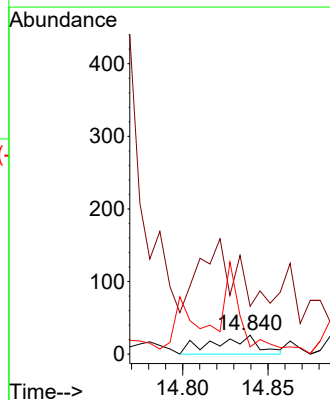
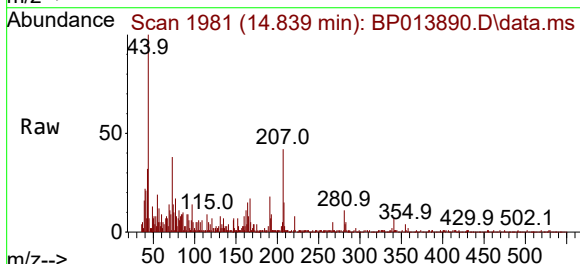
Instrument :
BNA_P
ClientSampleId :
EB-2023-2-22

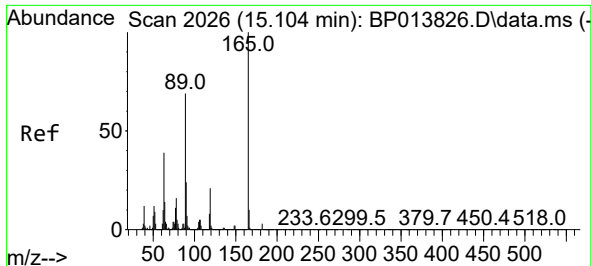
Tgt Ion:138 Resp: 9
Ion Ratio Lower Upper
138 100
108 63.2 9.0 13.4#
92 126.3 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 5.277 ng
RT: 14.839 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP013890.D
Acq: 24 Feb 2023 17:57

Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 253.8 47.0 70.4#
154 38.5 51.5 77.3#





#57

2,4-Dinitrotoluene

Concen: 2.301 ng

RT: 15.110 min Scan# 20

Delta R.T. 0.012 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

Instrument :

BNA_P

ClientSampleId :

EB-2023-2-22

Tgt Ion:165 Resp: 126

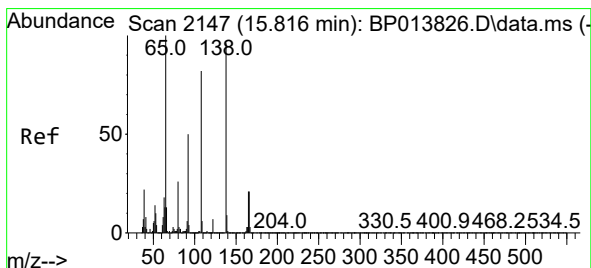
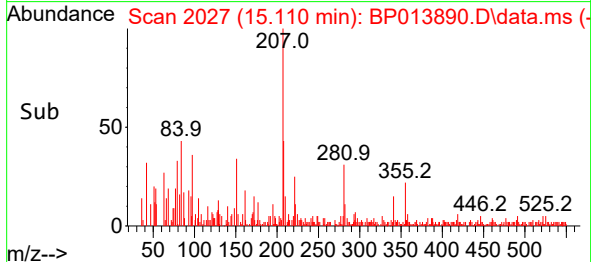
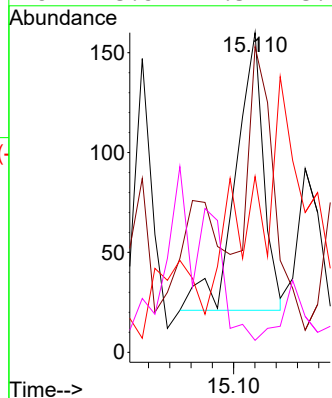
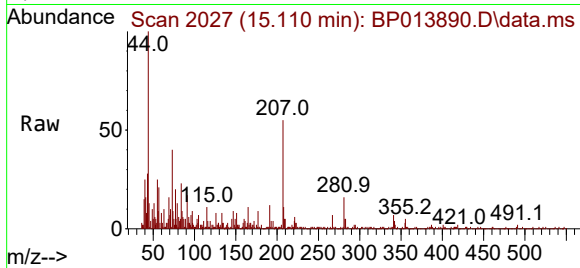
Ion Ratio Lower Upper

165 100

63 95.6 31.1 46.7#

89 55.0 54.9 82.3

182 3.8 2.5 3.7#



#62

4-Nitroaniline

Concen: 2.554 ng

RT: 15.998 min Scan# 2178

Delta R.T. 0.188 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

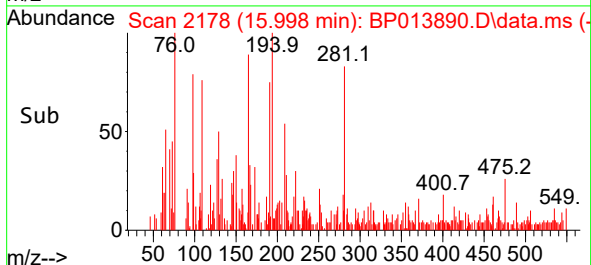
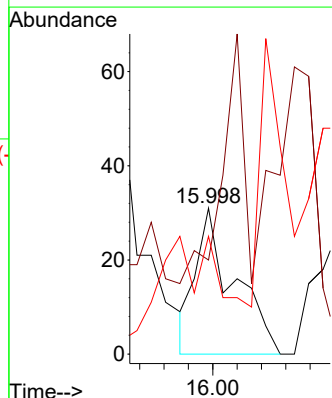
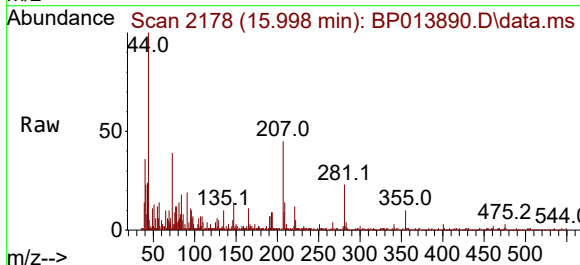
Tgt Ion:138 Resp: 34

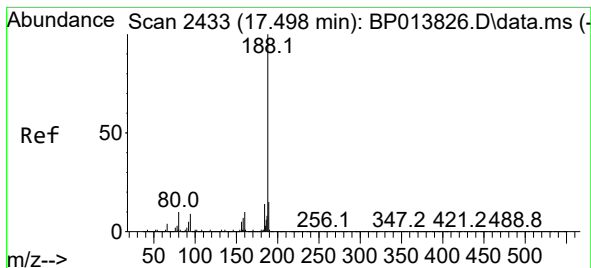
Ion Ratio Lower Upper

138 100

92 64.5 32.0 72.0

108 80.6 65.6 105.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

Instrument :

BNA_P

ClientSampleId :

EB-2023-2-22

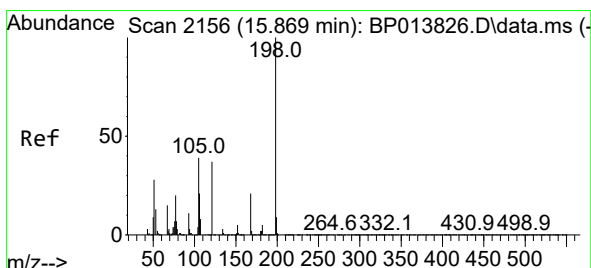
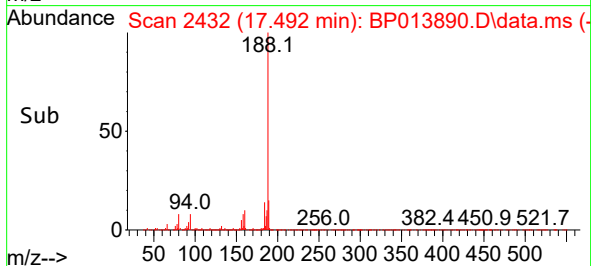
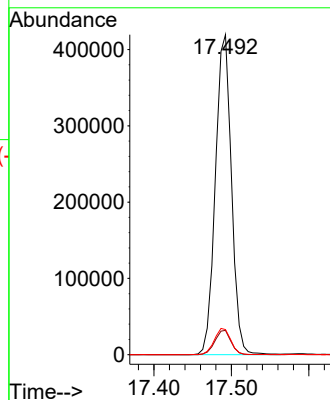
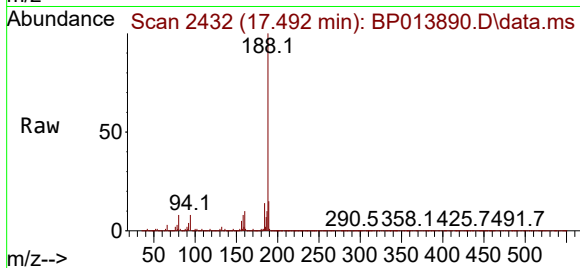
Tgt Ion:188 Resp: 602854

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 7.9 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.627 ng

RT: 15.869 min Scan# 2156

Delta R.T. 0.006 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

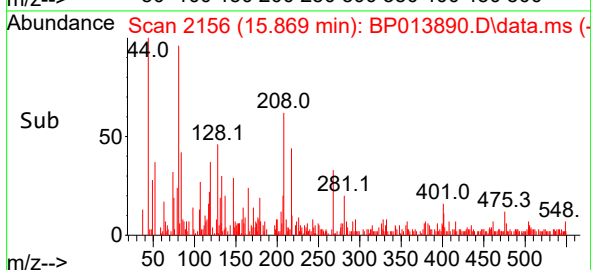
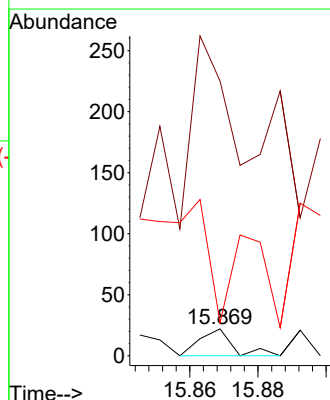
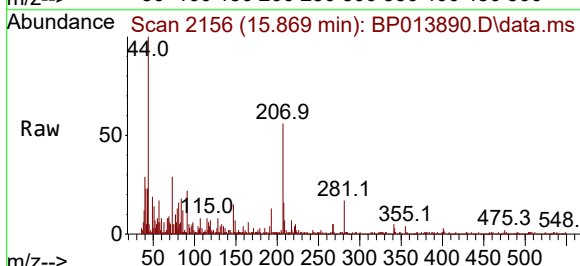
Tgt Ion:198 Resp: 15

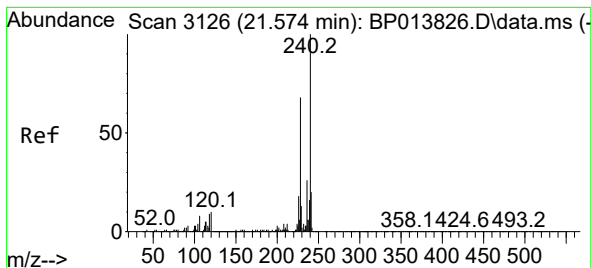
Ion Ratio Lower Upper

198 100

51 1022.7 14.3 54.3#

105 122.7 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

Instrument :

BNA_P

ClientSampleId :

EB-2023-2-22

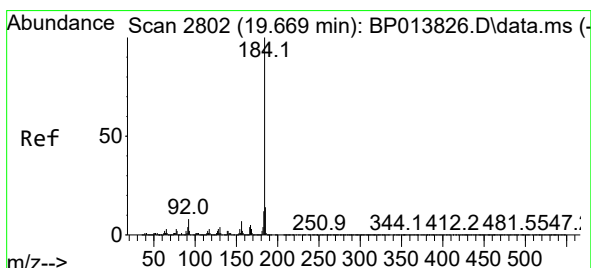
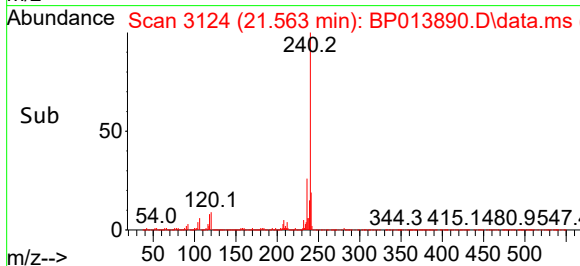
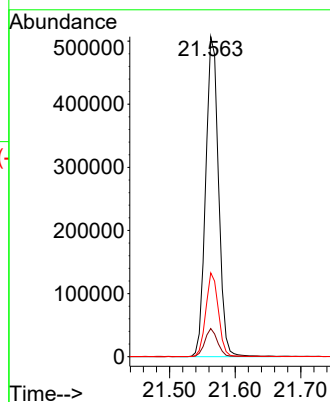
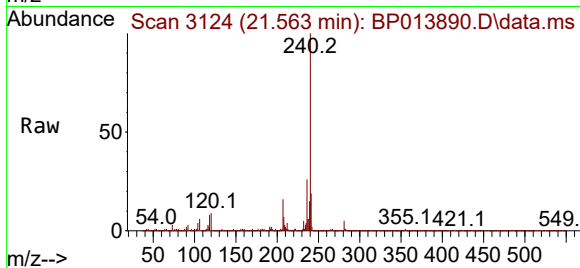
Tgt Ion:240 Resp: 694662

Ion Ratio Lower Upper

240 100

120 8.8 7.9 11.9

236 26.2 20.9 31.3



#77

Benzidine

Concen: 2.298 ng

RT: 19.675 min Scan# 2803

Delta R.T. 0.012 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

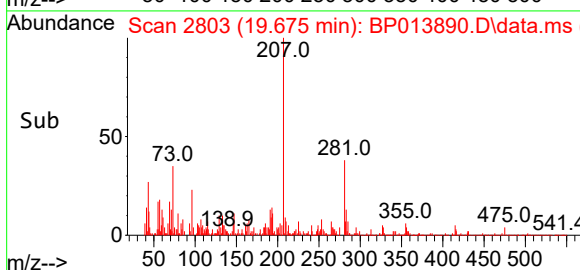
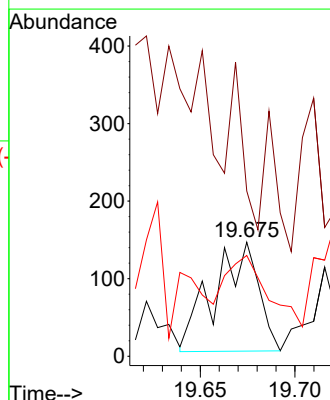
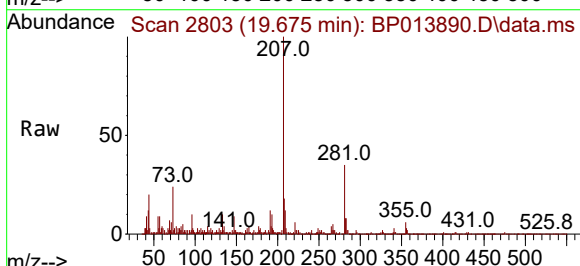
Tgt Ion:184 Resp: 229

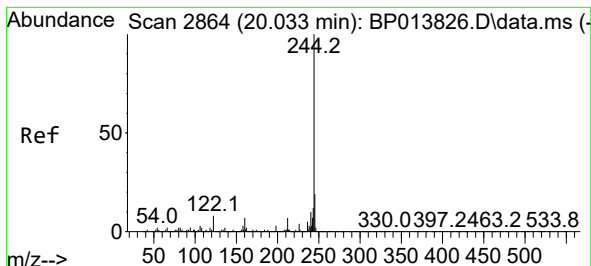
Ion Ratio Lower Upper

184 100

185 144.9 11.4 17.0#

183 88.4 9.6 14.4#





#79

Terphenyl-d14

Concen: 100.271 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

Instrument :

BNA_P

ClientSampleId :

EB-2023-2-22

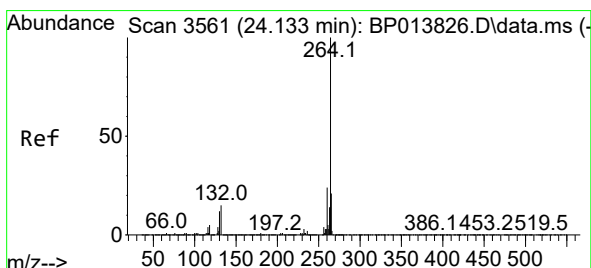
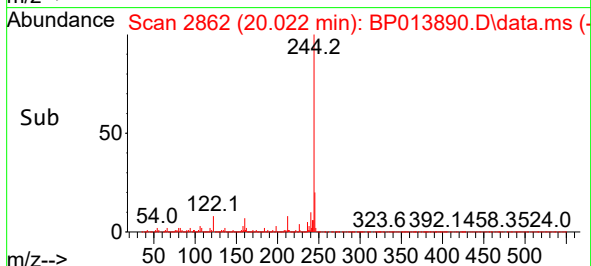
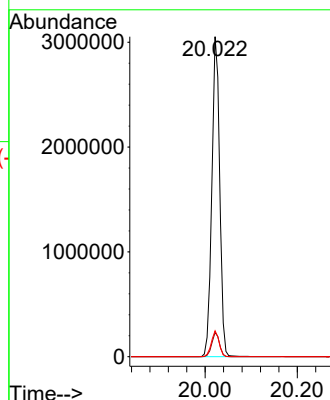
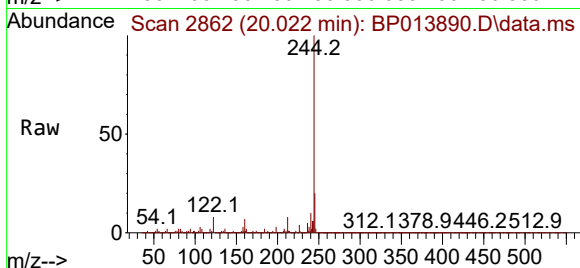
Tgt Ion:244 Resp: 3620302

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 8.1 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.012 min

Lab File: BP013890.D

Acq: 24 Feb 2023 17:57

Tgt Ion:264 Resp: 787893

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

265 22.4 17.6 26.4

