

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013897.D
 Acq On : 28 Feb 2023 19:30
 Operator : CG/JU
 Sample : 01723-29
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-15

Quant Time: Mar 01 03:47:54 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)

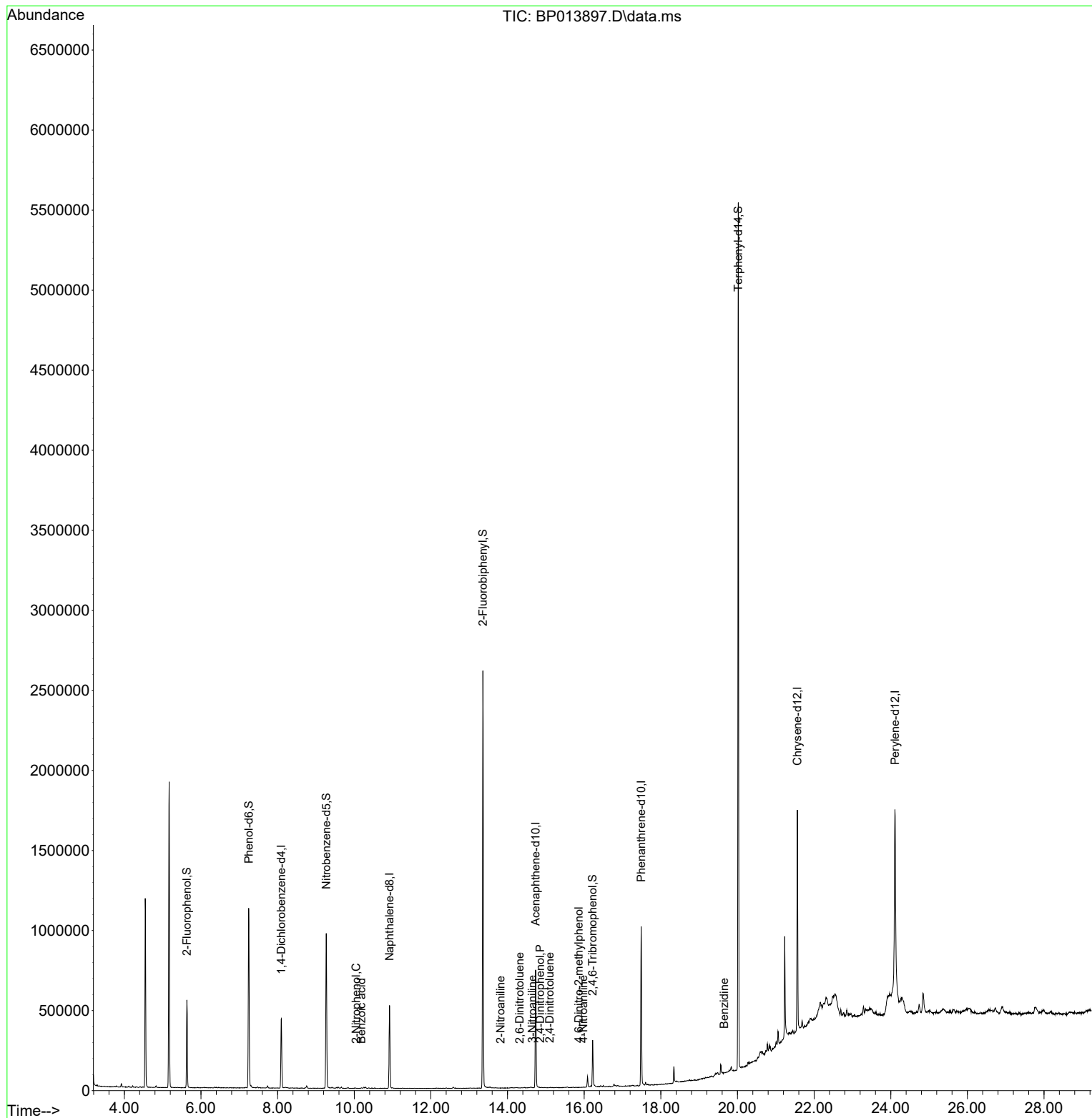
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	118199	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	415171	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	257943	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	611430	20.000	ng	0.00
76) Chrysene-d12	21.563	240	692962	20.000	ng	-0.01
86) Perylene-d12	24.110	264	840215	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	219732	30.638	ng	0.00
7) Phenol-d6	7.246	99	638322	69.495	ng	0.00
23) Nitrobenzene-d5	9.269	82	556965	72.443	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	61093	16.271	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1291310	65.755	ng	-0.01
79) Terphenyl-d14	20.022	244	2555556	70.954	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.052	139	21	2.774	ng	# 9
32) Benzoic acid	10.187	122	173	5.107	ng	# 66
48) 2-Nitroaniline	13.816	65	62	3.243	ng	# 40
51) 2,6-Dinitrotoluene	14.316	165	96	2.008	ng	# 51
53) 3-Nitroaniline	14.646	138	244	2.057	ng	# 50
54) 2,4-Dinitrophenol	14.851	184	14	5.266	ng	# 1
57) 2,4-Dinitrotoluene	15.098	165	70	2.292	ng	# 63
62) 4-Nitroaniline	15.975	138	154	2.577	ng	87
65) 4,6-Dinitro-2-methylph...	15.857	198	36	4.631	ng	# 1
77) Benzidine	19.651	184	154	2.293	ng	# 1

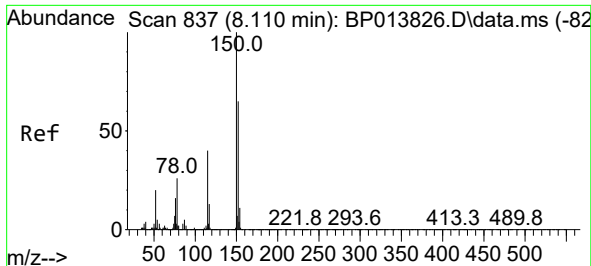
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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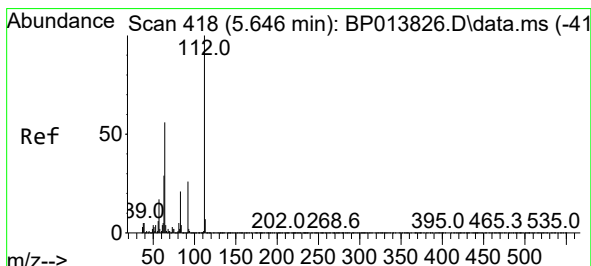
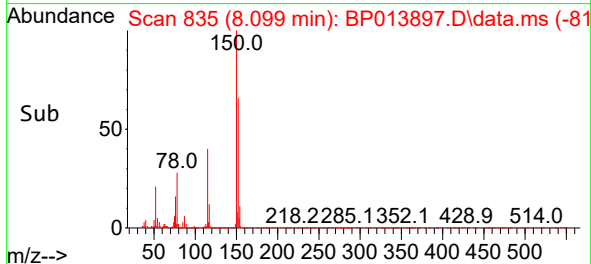
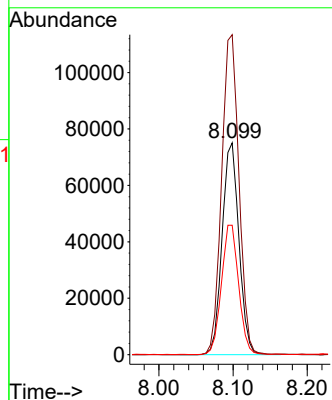
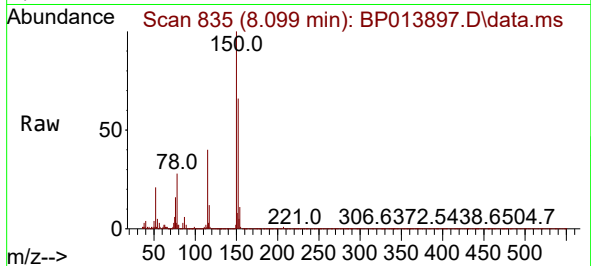




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

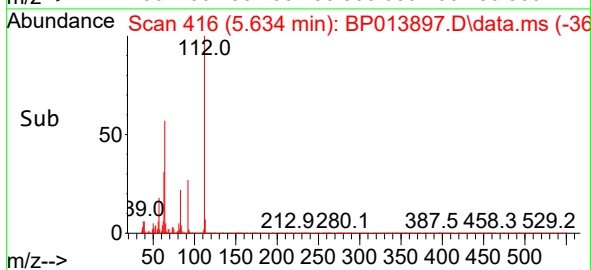
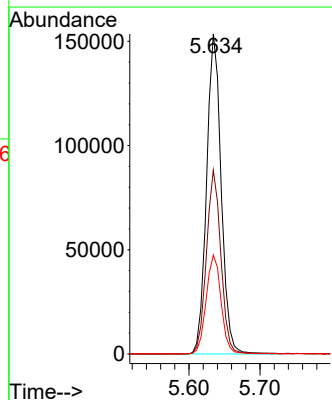
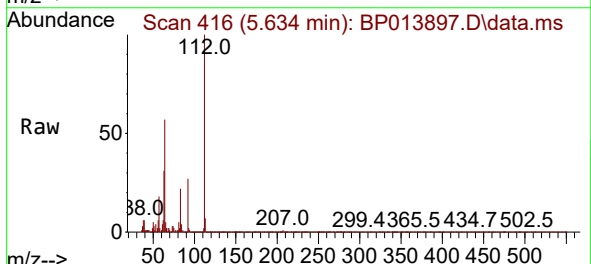
Instrument :
BNA_P
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HH-CON-15

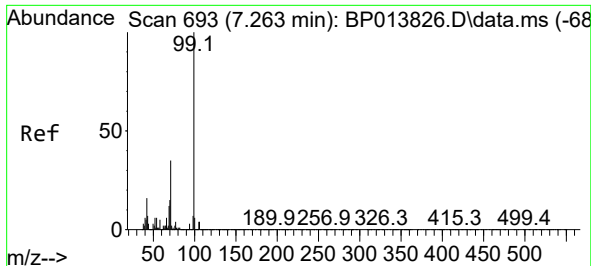
Tgt Ion:152 Resp: 118199
Ion Ratio Lower Upper
152 100
150 151.1 122.8 184.2
115 61.1 49.0 73.6



#5
2-Fluorophenol
Concen: 30.638 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

Tgt Ion:112 Resp: 219732
Ion Ratio Lower Upper
112 100
64 57.5 44.6 66.8
63 30.9 23.6 35.4

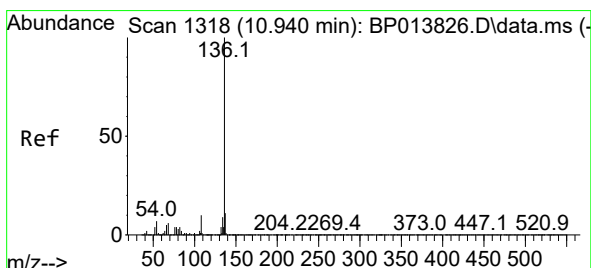
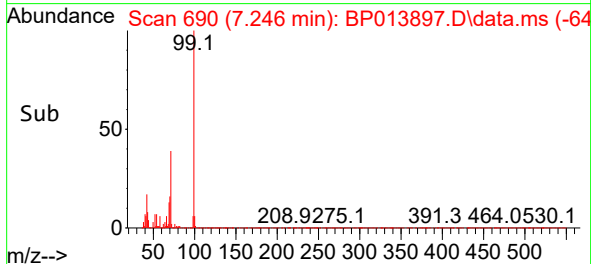
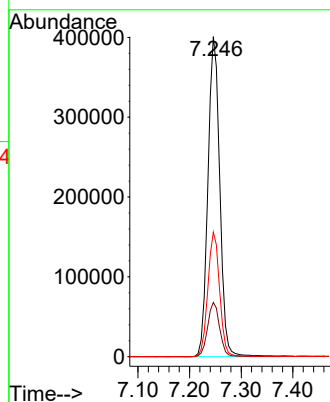
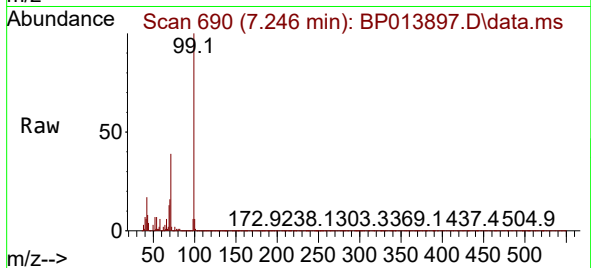




#7
Phenol-d6
Concen: 69.495 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

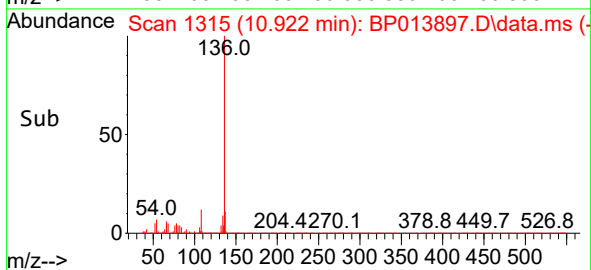
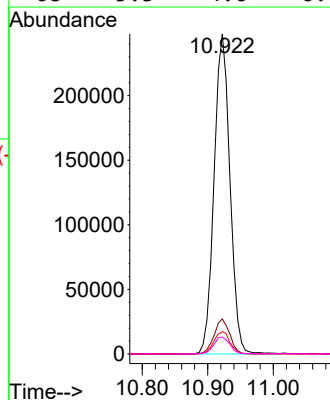
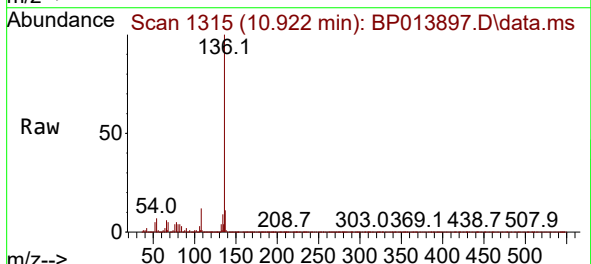
Instrument :
BNA_P
ClientSampleId :
HH-CON-15

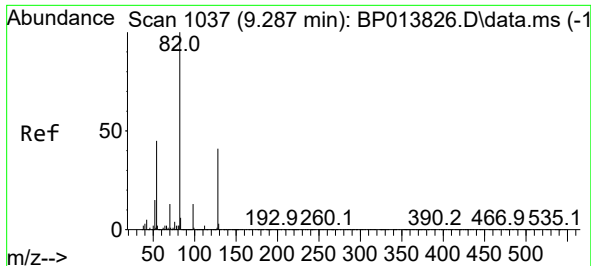
Tgt Ion: 99 Resp: 638322
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 39.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

Tgt Ion: 136 Resp: 415171
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.0 5.8 8.6
68 5.3 4.6 6.8

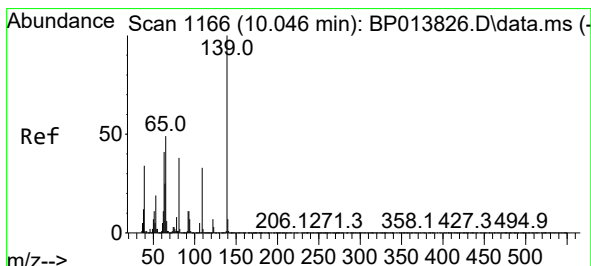
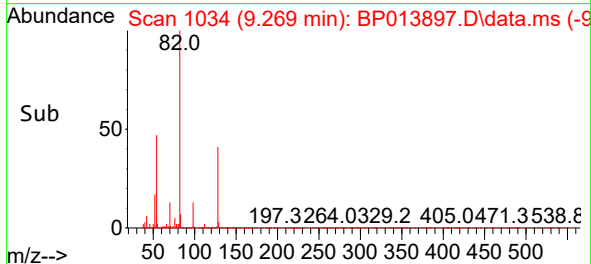
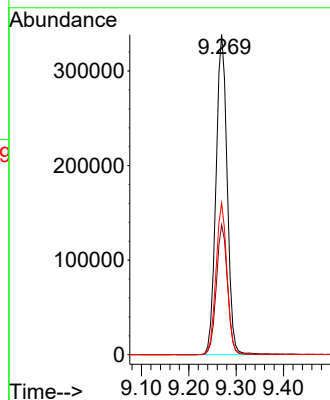
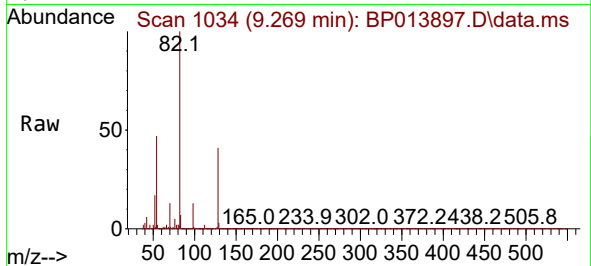




#23
Nitrobenzene-d5
Concen: 72.443 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

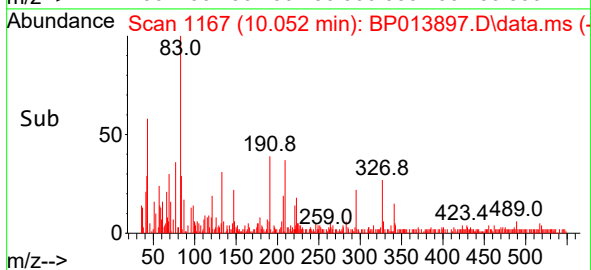
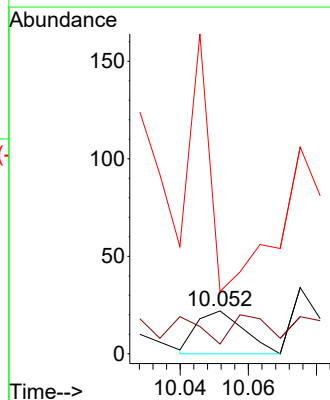
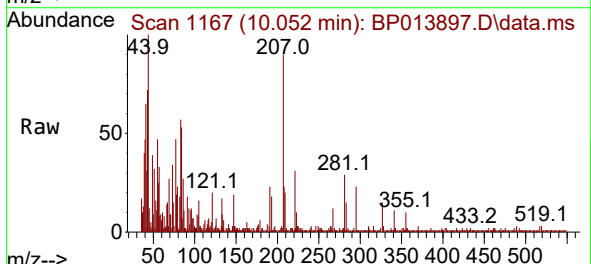
Instrument :
BNA_P
ClientSampleId :
HH-CON-15

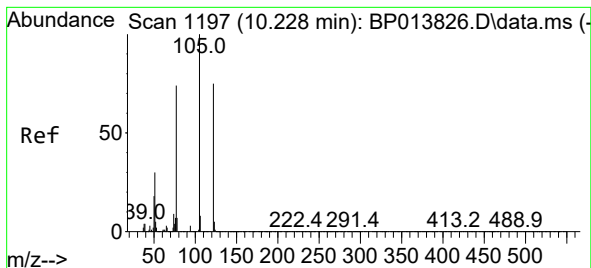
Tgt Ion: 82 Resp: 556965
Ion Ratio Lower Upper
82 100
128 40.5 32.9 49.3
54 47.4 35.6 53.4



#26
2-Nitrophenol
Concen: 2.774 ng
RT: 10.052 min Scan# 1167
Delta R.T. 0.018 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 22.7 26.7 40.1#
65 145.5 39.4 59.2#





#32

Benzoic acid

Concen: 5.107 ng

RT: 10.187 min Scan# 1197

Delta R.T. -0.029 min

Lab File: BP013897.D

Acq: 28 Feb 2023 19:30

Instrument :

BNA_P

ClientSampleId :

HH-CON-15

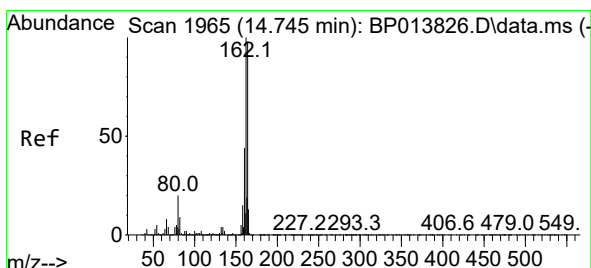
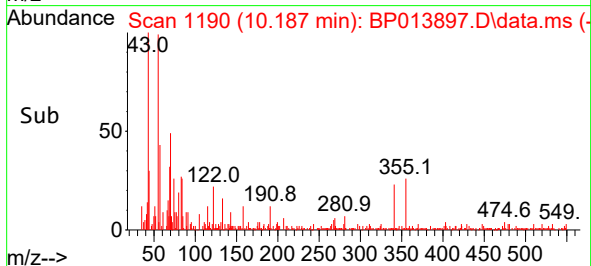
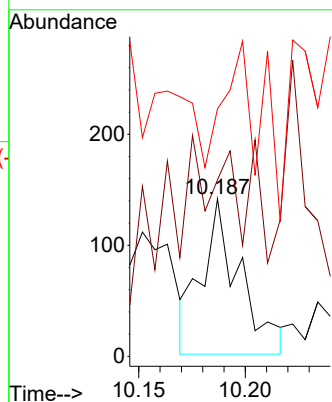
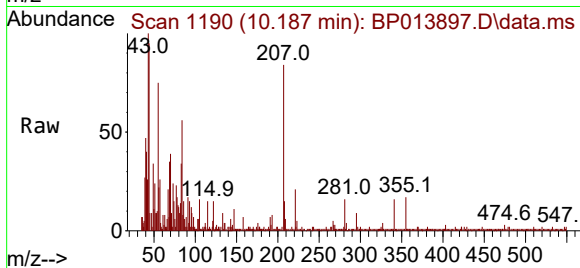
Tgt Ion:122 Resp: 173

Ion Ratio Lower Upper

122 100

105 112.0 107.4 147.4

77 157.0 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: BP013897.D

Acq: 28 Feb 2023 19:30

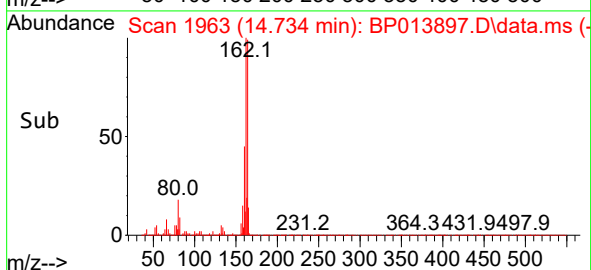
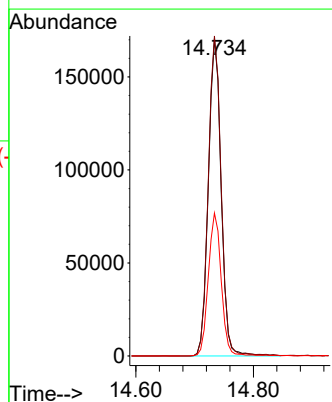
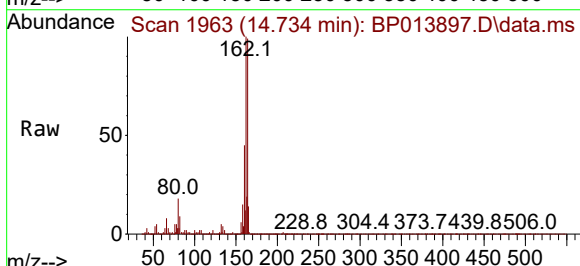
Tgt Ion:164 Resp: 257943

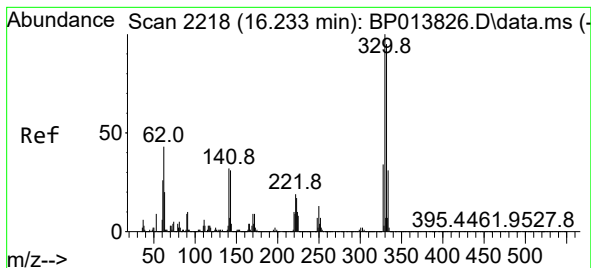
Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

160 45.0 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 16.271 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013897.D

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HH-CON-15

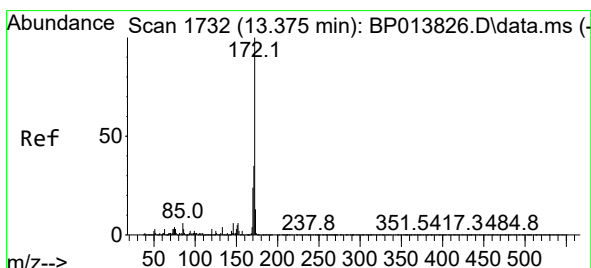
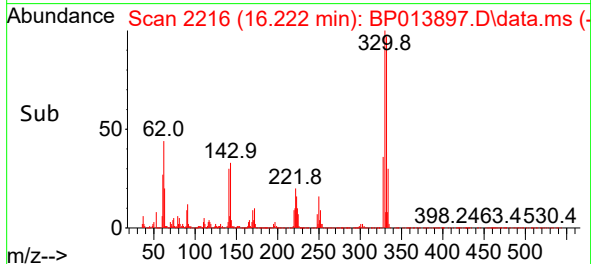
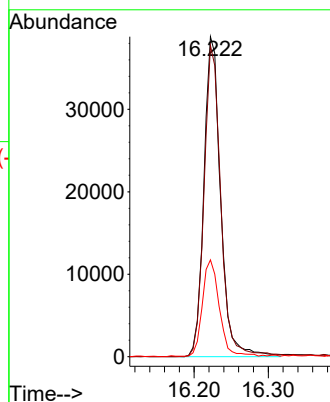
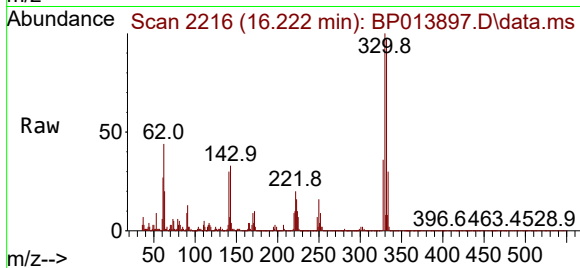
Tgt Ion:330 Resp: 61093

Ion Ratio Lower Upper

330 100

332 97.1 76.7 115.1

141 30.3 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 65.755 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.011 min

Lab File: BP013897.D

Acq: 28 Feb 2023 19:30

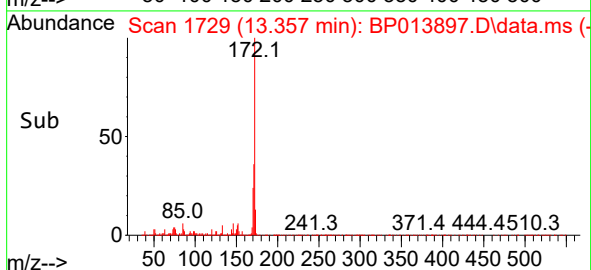
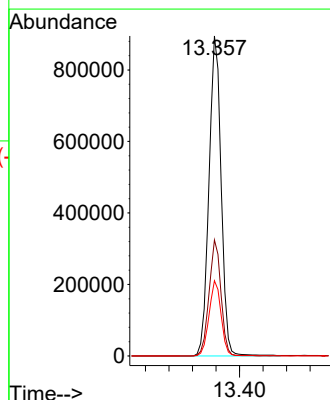
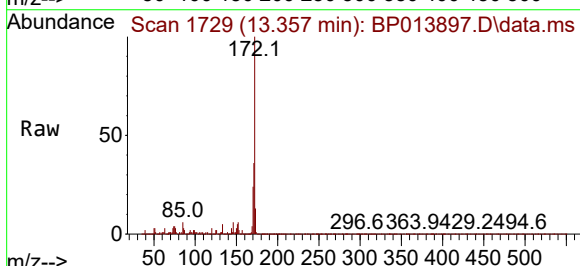
Tgt Ion:172 Resp: 1291310

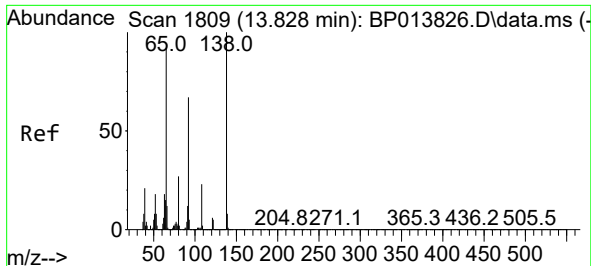
Ion Ratio Lower Upper

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171 36.3 28.2 42.4

170 23.5 19.0 28.4

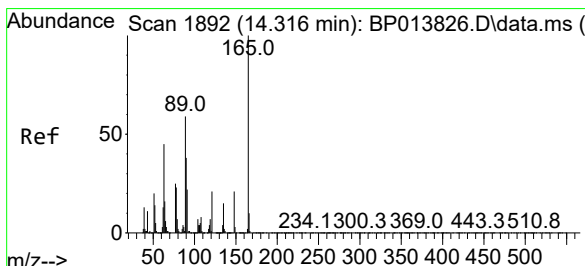
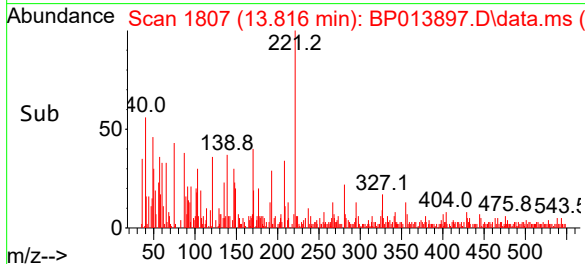
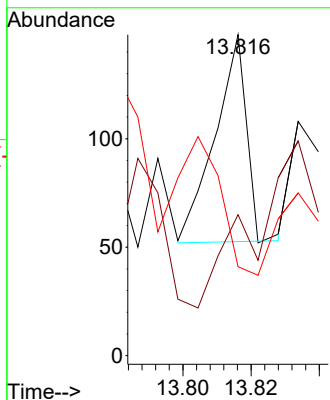
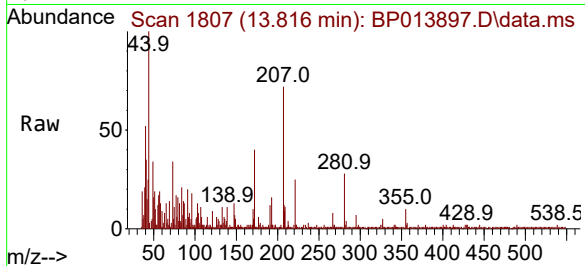




#48
2-Nitroaniline
Concen: 3.243 ng
RT: 13.816 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

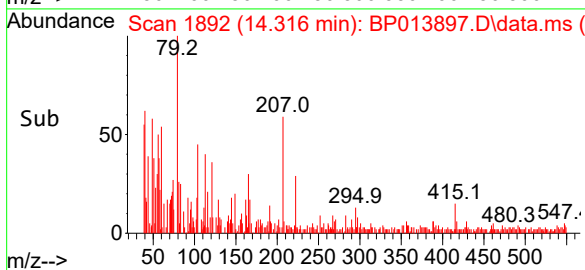
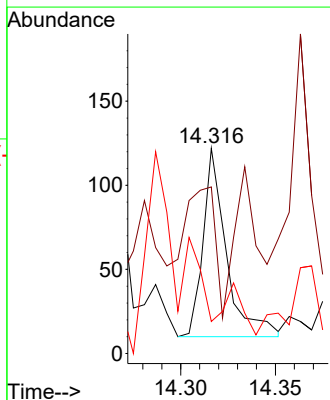
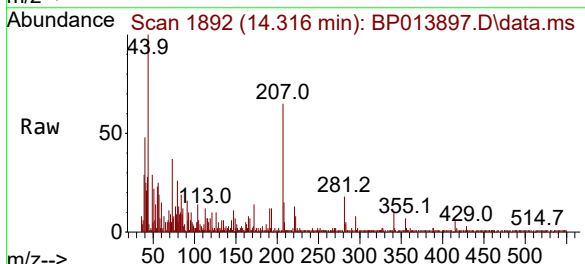
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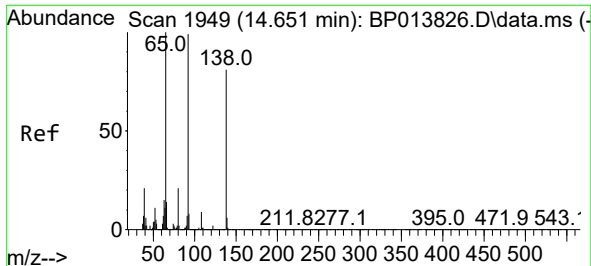
Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
92 43.9 58.7 88.1#
138 27.7 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.008 ng
RT: 14.316 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

Tgt Ion: 165 Resp: 96
Ion Ratio Lower Upper
165 100
63 81.1 42.6 63.8#
89 15.6 47.1 70.7#

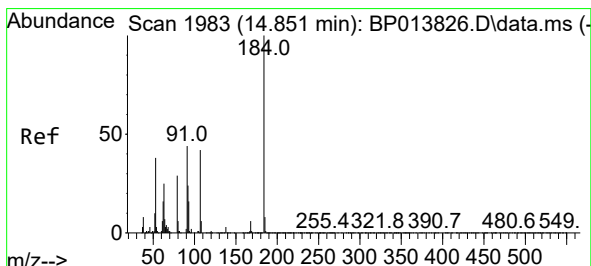
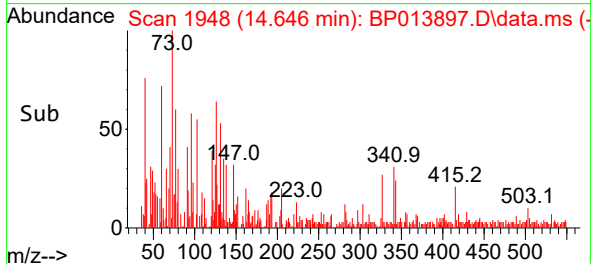
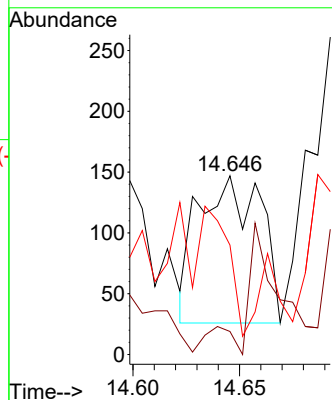
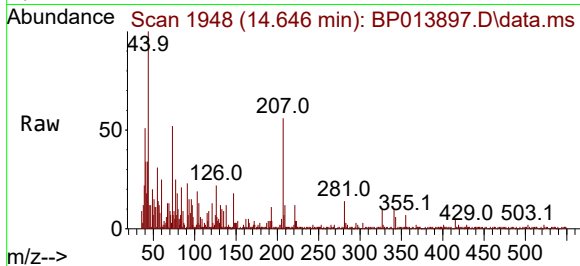




#53
3-Nitroaniline
Concen: 2.057 ng
RT: 14.646 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

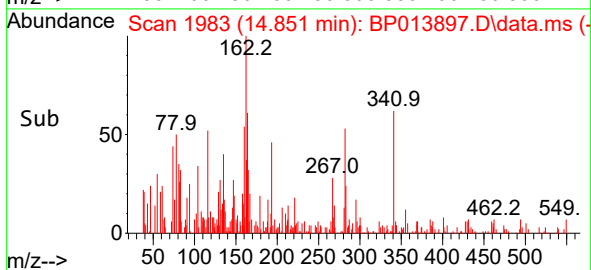
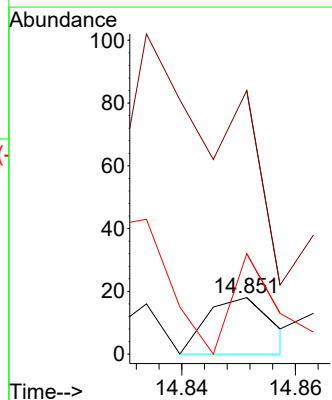
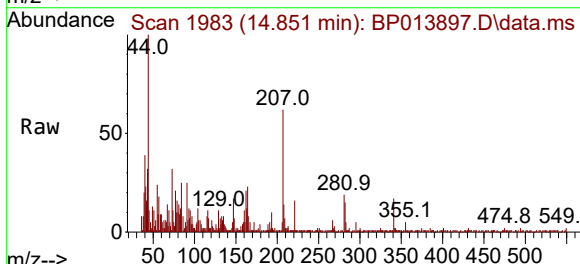
Instrument :
BNA_P
ClientSampleId :
HH-CON-15

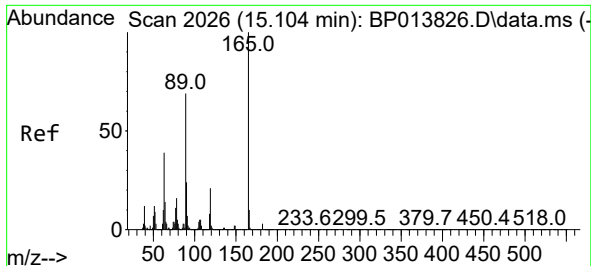
Tgt Ion:138 Resp: 244
Ion Ratio Lower Upper
138 100
108 12.9 9.0 13.4
92 61.2 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.266 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 594.4 47.0 70.4#
154 177.8 51.5 77.3#

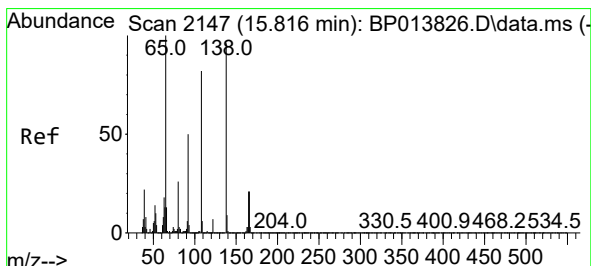
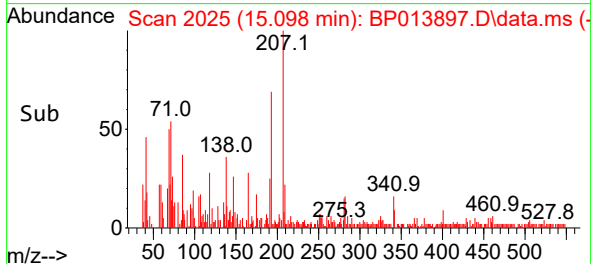
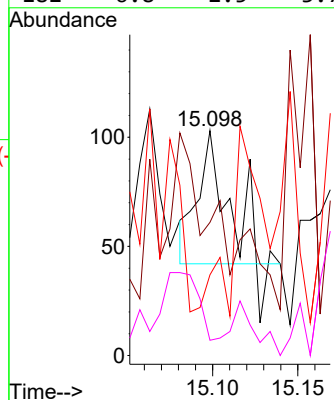
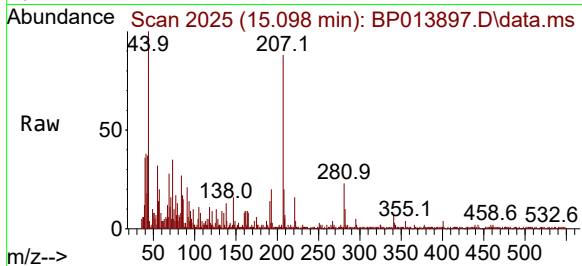




#57
2,4-Dinitrotoluene
Concen: 2.292 ng
RT: 15.098 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

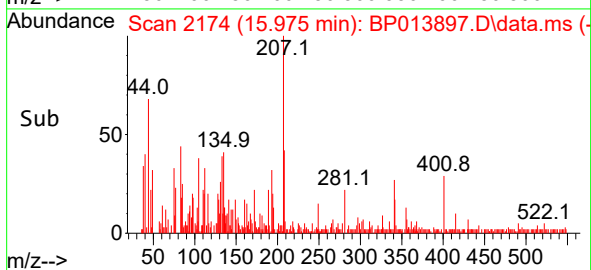
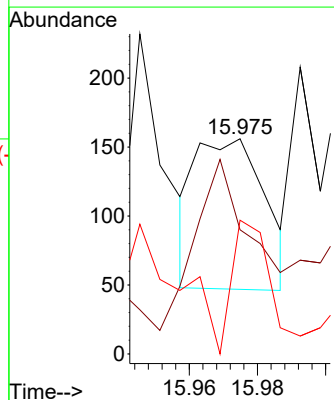
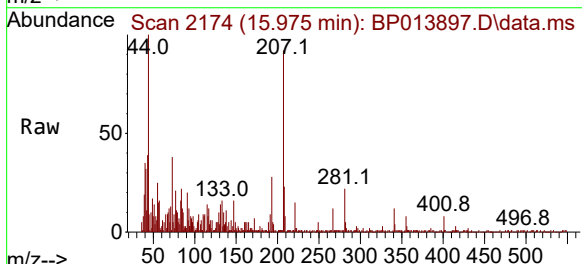
Instrument :
BNA_P
ClientSampleId :
HH-CON-15

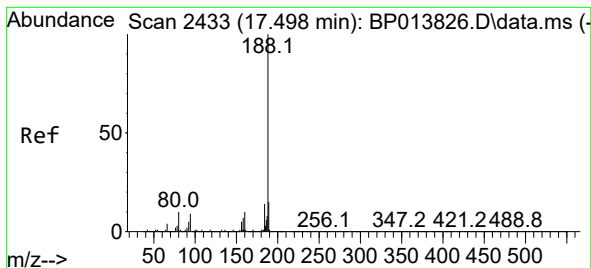
Tgt Ion:	165	Resp:	70
Ion	Ratio	Lower	Upper
165	100		
63	59.2	31.1	46.7#
89	35.9	54.9	82.3#
182	6.8	2.5	3.7#



#62
4-Nitroaniline
Concen: 2.577 ng
RT: 15.975 min Scan# 2174
Delta R.T. 0.165 min
Lab File: BP013897.D
Acq: 28 Feb 2023 19:30

Tgt Ion:	138	Resp:	154
Ion	Ratio	Lower	Upper
138	100		
92	57.7	32.0	72.0
108	71.2	65.6	105.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.487 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013897.D

Acq: 28 Feb 2023 19:30

Instrument :

BNA_P

ClientSampleId :

HH-CON-15

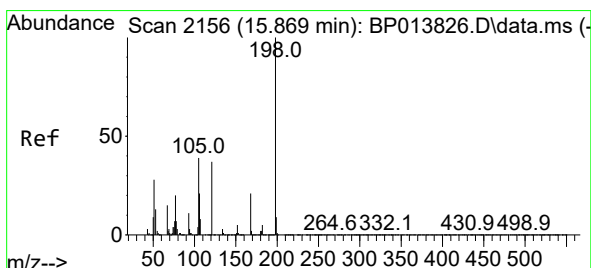
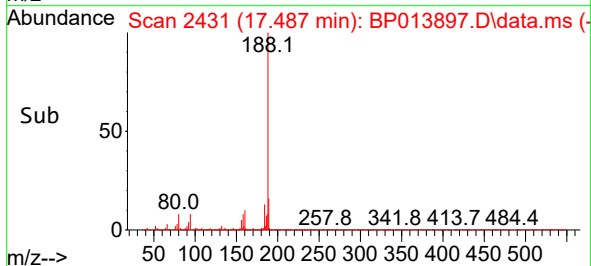
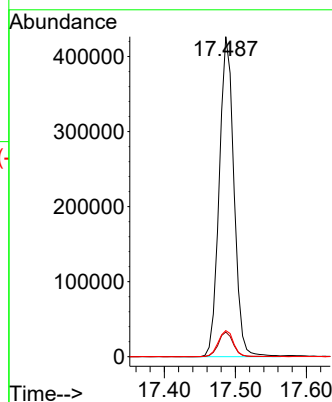
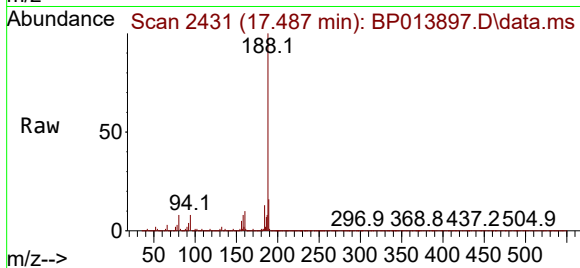
Tgt Ion:188 Resp: 611430

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.2 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.631 ng

RT: 15.857 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BP013897.D

Acq: 28 Feb 2023 19:30

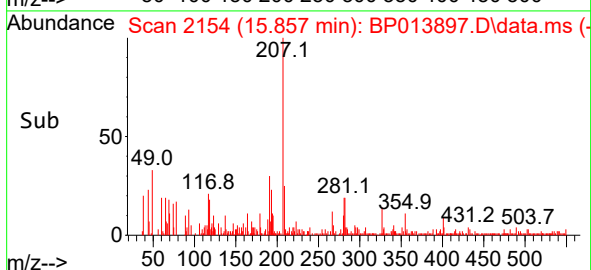
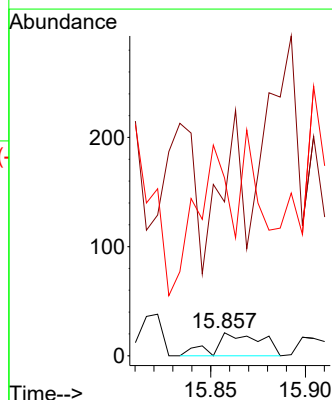
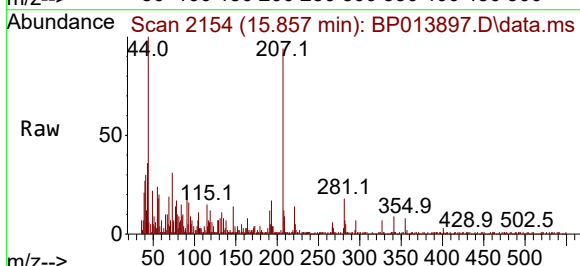
Tgt Ion:198 Resp: 36

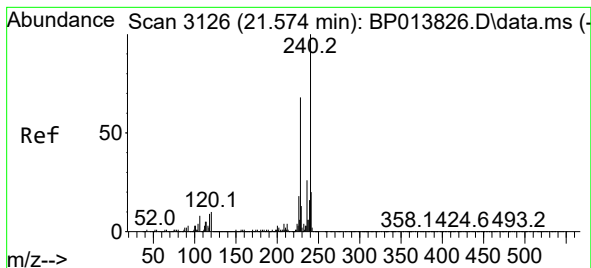
Ion Ratio Lower Upper

198 100

51 671.4 14.3 54.3#

105 776.2 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: BP013897.D

Acq: 28 Feb 2023 19:30

Instrument :

BNA_P

ClientSampleId :

HH-CON-15

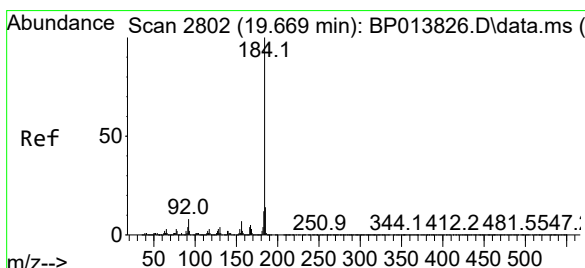
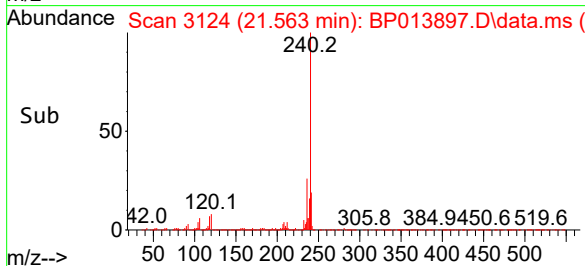
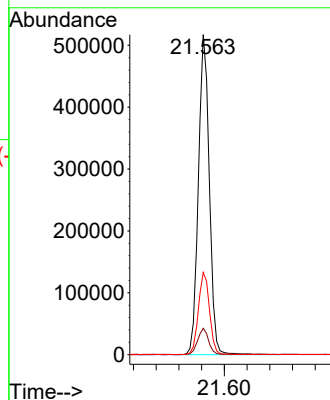
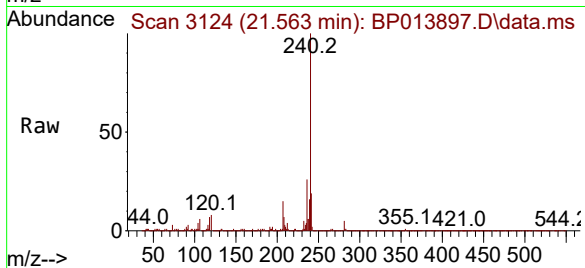
Tgt Ion:240 Resp: 692962

Ion Ratio Lower Upper

240 100

120 8.3 7.9 11.9

236 25.7 20.9 31.3



#77

Benzidine

Concen: 2.293 ng

RT: 19.651 min Scan# 2799

Delta R.T. -0.011 min

Lab File: BP013897.D

Acq: 28 Feb 2023 19:30

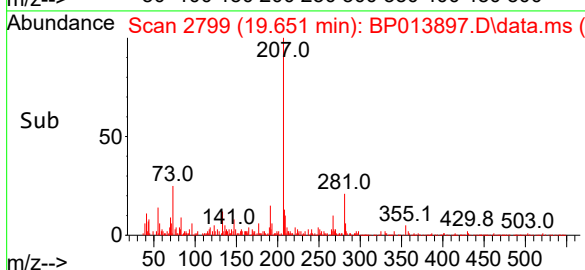
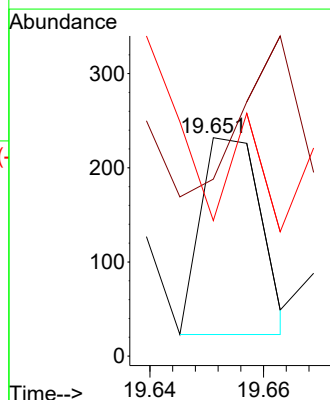
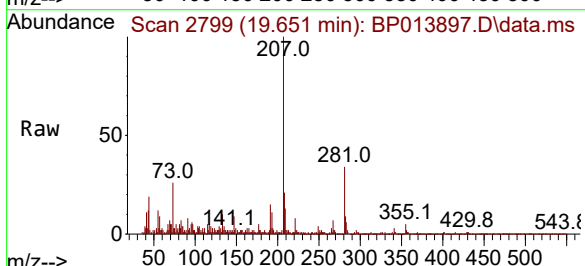
Tgt Ion:184 Resp: 154

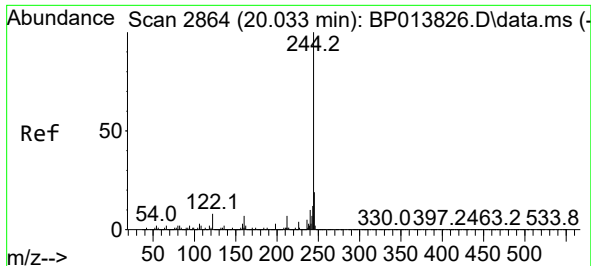
Ion Ratio Lower Upper

184 100

185 81.0 11.4 17.0#

183 62.1 9.6 14.4#

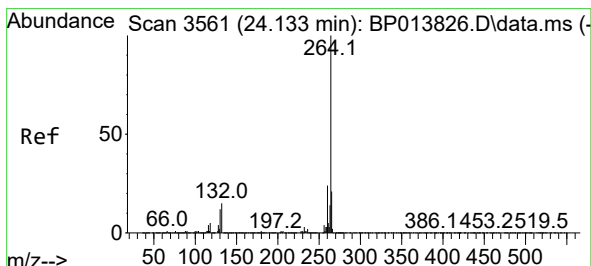
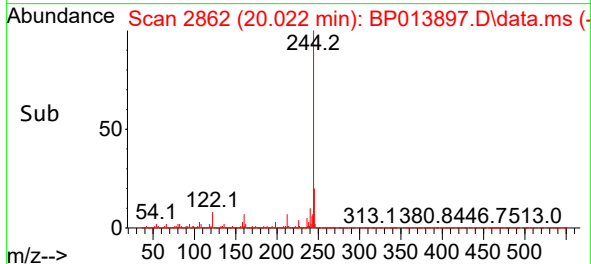
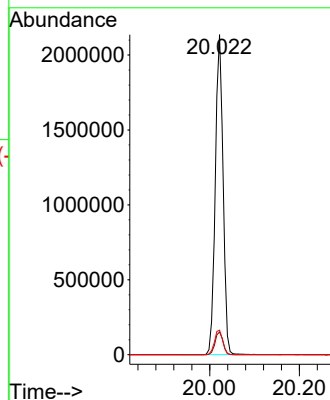
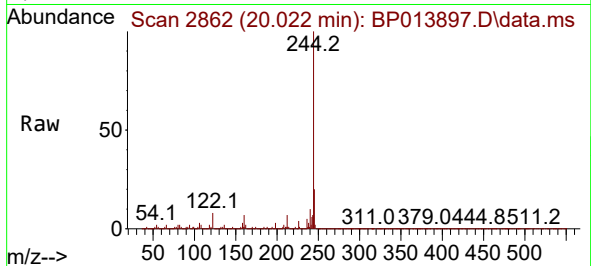




#79
 Terphenyl-d14
 Concen: 70.954 ng
 RT: 20.022 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP013897.D
 Acq: 28 Feb 2023 19:30

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-15

Tgt Ion:244 Resp: 2555556
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.7 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: BP013897.D
 Acq: 28 Feb 2023 19:30

Tgt Ion:264 Resp: 840215
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 22.5 17.6 26.4

