

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013910.D
 Acq On : 01 Mar 2023 02:52
 Operator : CG/JU
 Sample : 01723-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-12

Quant Time: Mar 01 03:53:06 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)

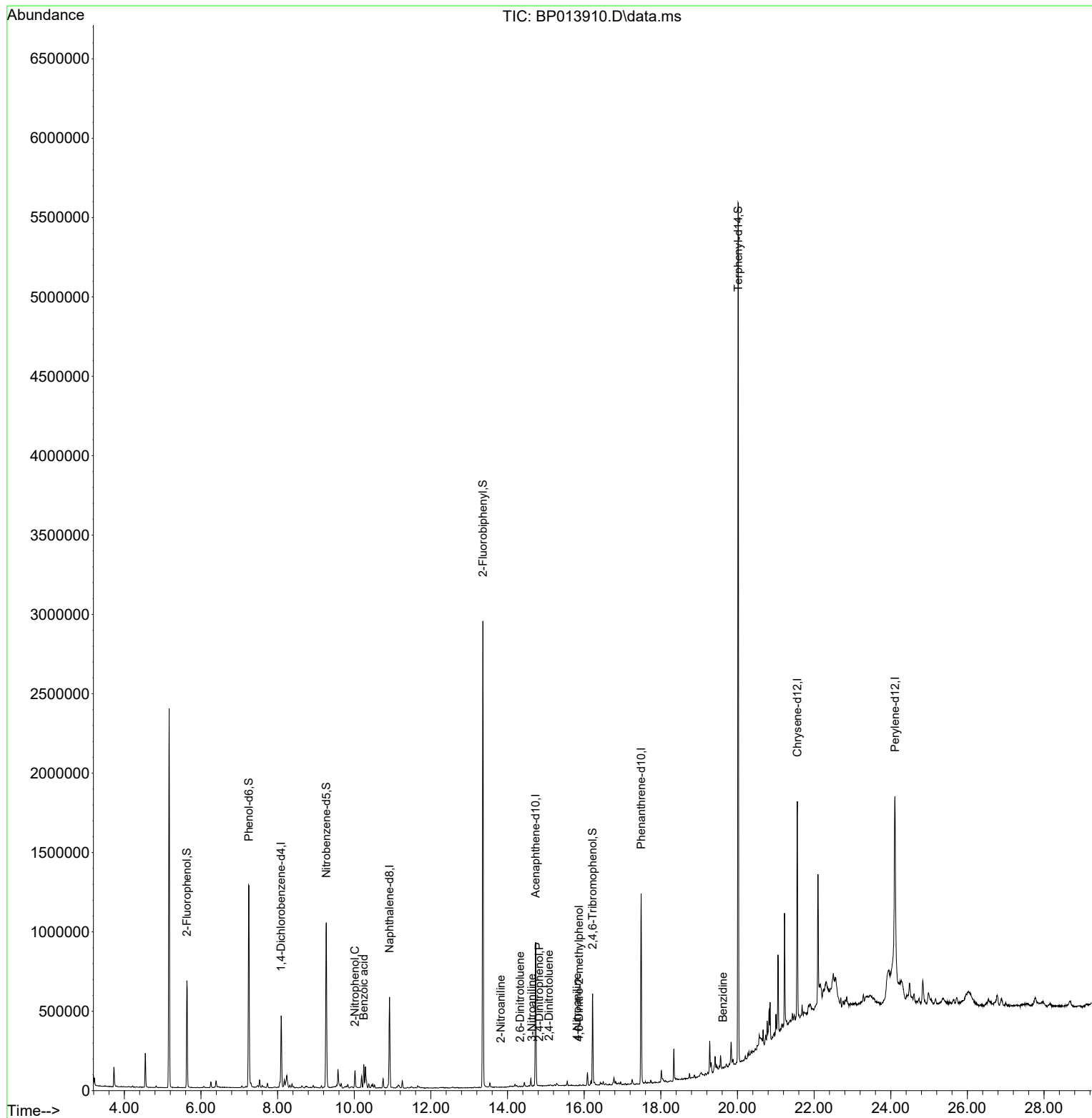
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	116565	20.000	ng	-0.01
21) Naphthalene-d8	10.922	136	459217	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	306112	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	710908	20.000	ng	0.00
76) Chrysene-d12	21.563	240	701862	20.000	ng	#-0.01
86) Perylene-d12	24.110	264	821351	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	281934	39.863	ng	0.00
7) Phenol-d6	7.252	99	731056	80.707	ng	0.00
23) Nitrobenzene-d5	9.269	82	604313	71.062	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	112664	25.284	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1470901	63.114	ng	-0.01
79) Terphenyl-d14	20.022	244	2711052	74.317	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.016	139	60	2.782	ng	# 1
32) Benzoic acid	10.246	122	133	5.097	ng	# 43
48) 2-Nitroaniline	13.822	65	109	3.249	ng	# 40
51) 2,6-Dinitrotoluene	14.328	165	89	2.003	ng	# 63
53) 3-Nitroaniline	14.634	138	195	2.041	ng	# 61
54) 2,4-Dinitrophenol	14.828	184	21	5.268	ng	# 1
57) 2,4-Dinitrotoluene	15.081	165	343	2.325	ng	# 85
62) 4-Nitroaniline	15.816	138	43	2.554	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.863	198	45	4.632	ng	# 1
77) Benzidine	19.622	184	1192	2.362	ng	# 1

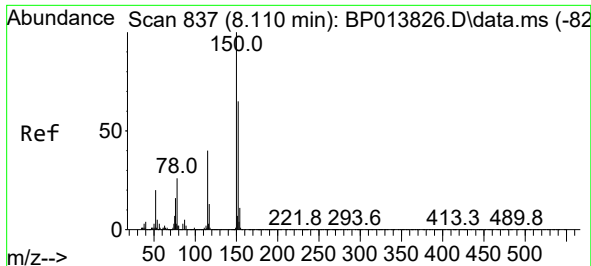
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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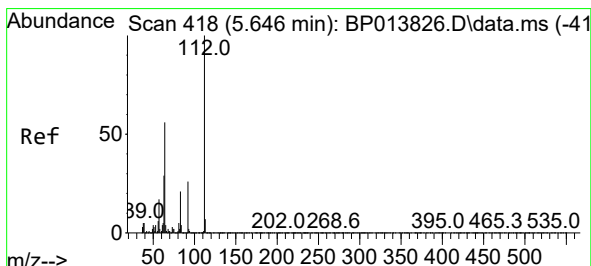
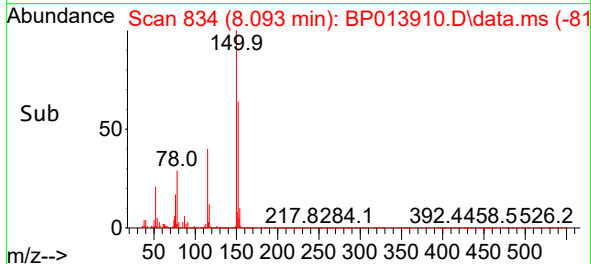
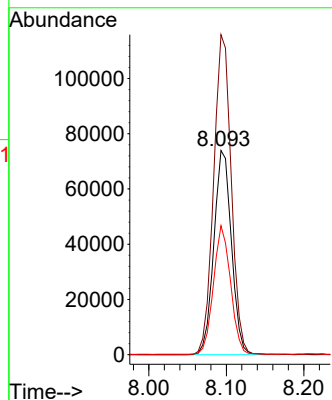
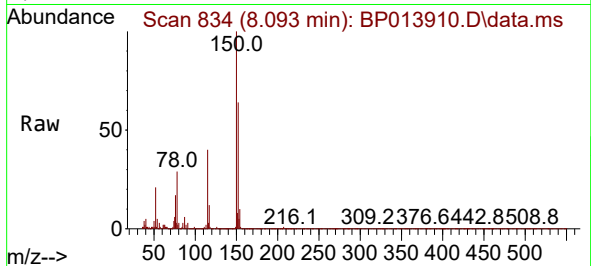




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

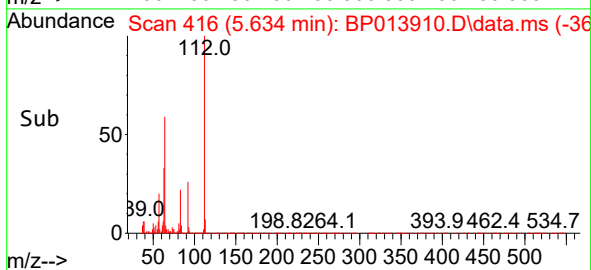
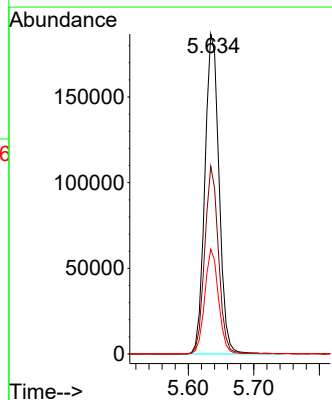
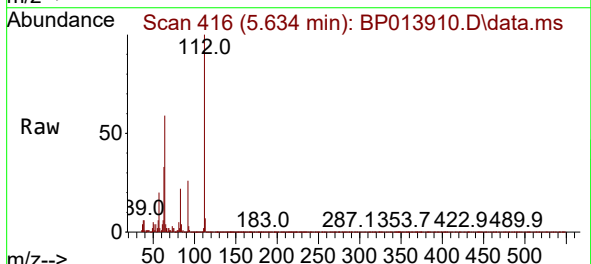
Instrument :
BNA_P
ClientSampleId :
HH-CON-12

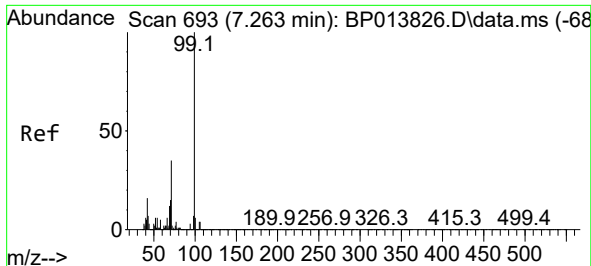
Tgt Ion:152 Resp: 116565
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 63.2 49.0 73.6



#5
2-Fluorophenol
Concen: 39.863 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion:112 Resp: 281934
Ion Ratio Lower Upper
112 100
64 58.7 44.6 66.8
63 32.8 23.6 35.4

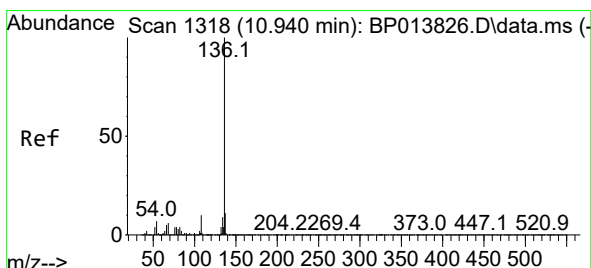
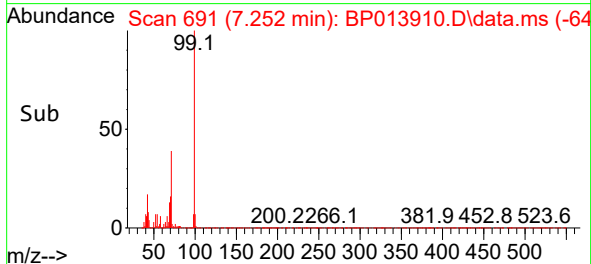
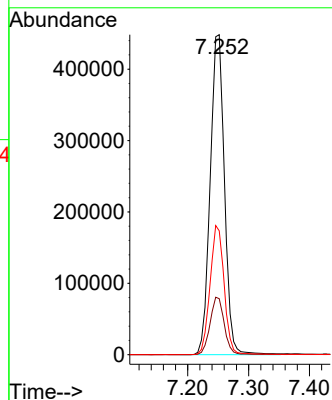
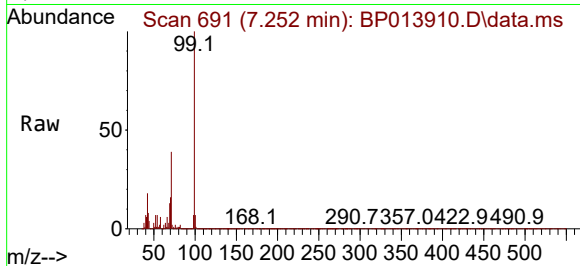




#7
Phenol-d6
Concen: 80.707 ng
RT: 7.252 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

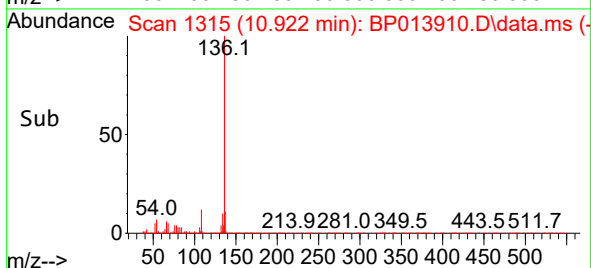
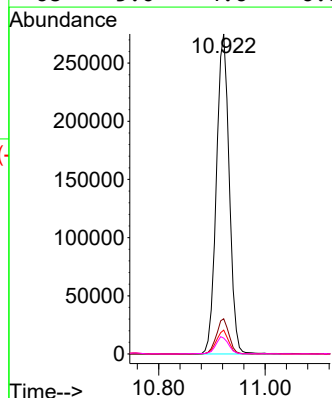
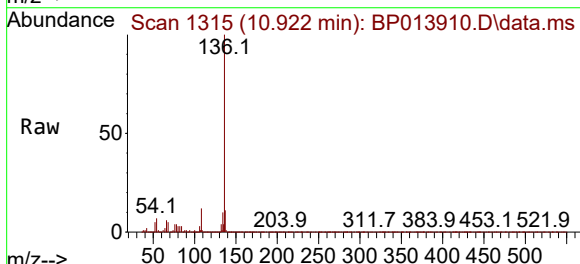
Instrument :
BNA_P
ClientSampleId :
HH-CON-12

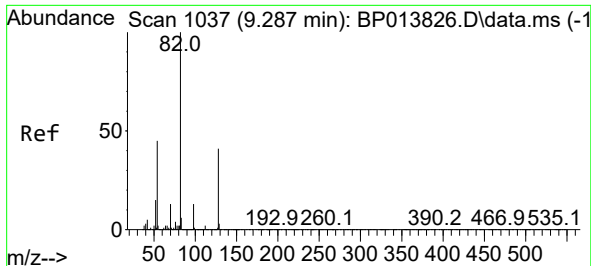
Tgt Ion: 99 Resp: 731056
Ion Ratio Lower Upper
99 100
42 17.5 12.5 18.7
71 38.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion: 136 Resp: 459217
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.5 5.8 8.6
68 5.0 4.6 6.8

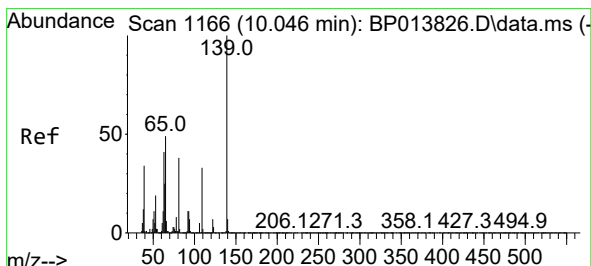
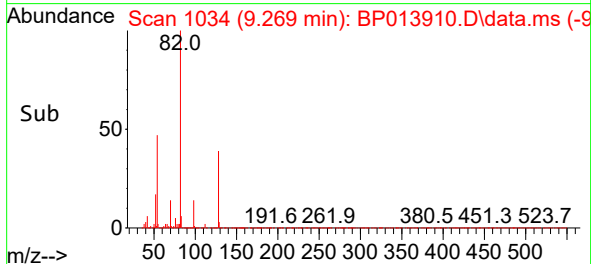
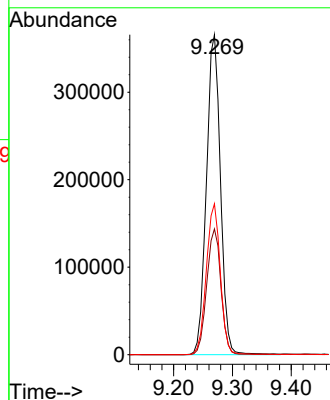
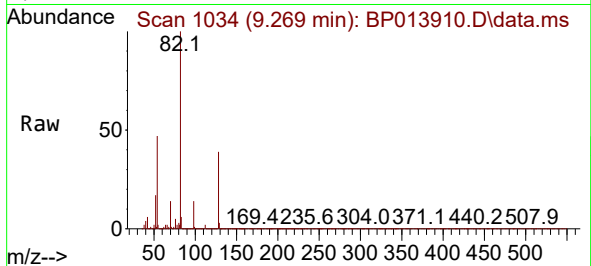




#23
Nitrobenzene-d5
Concen: 71.062 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

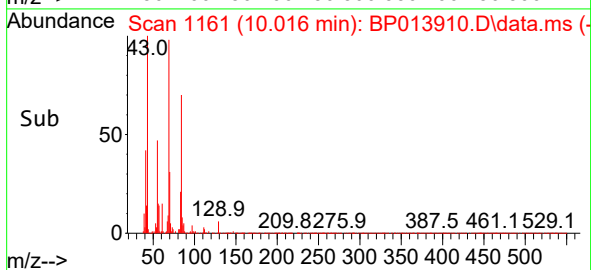
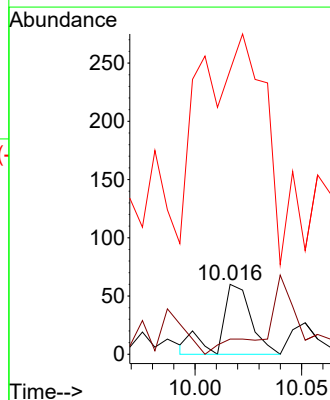
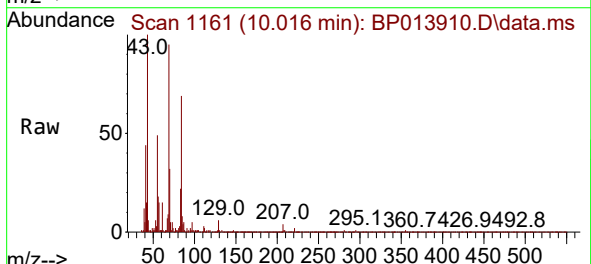
Instrument :
BNA_P
ClientSampleId :
HH-CON-12

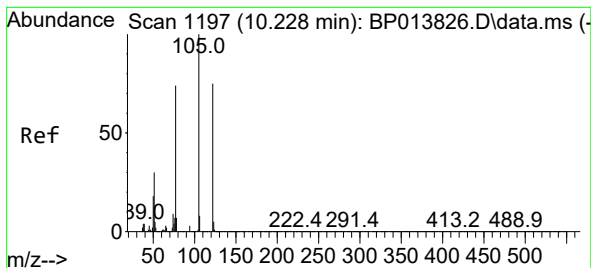
Tgt Ion: 82 Resp: 604313
Ion Ratio Lower Upper
82 100
128 39.3 32.9 49.3
54 47.2 35.6 53.4



#26
2-Nitrophenol
Concen: 2.782 ng
RT: 10.016 min Scan# 1161
Delta R.T. -0.017 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 21.7 26.7 40.1#
65 406.7 39.4 59.2#





#32

Benzoic acid

Concen: 5.097 ng

RT: 10.246 min Scan# 1197

Delta R.T. 0.030 min

Lab File: BP013910.D

Acq: 01 Mar 2023 02:52

Instrument :

BNA_P

ClientSampleId :

HH-CON-12

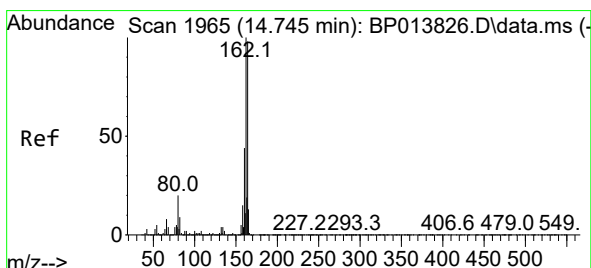
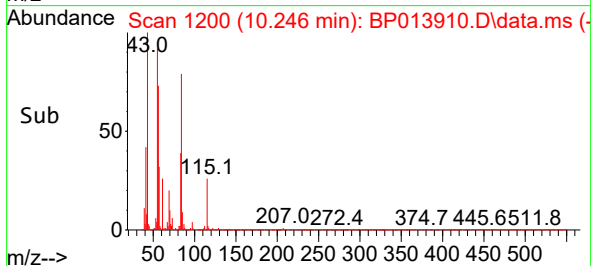
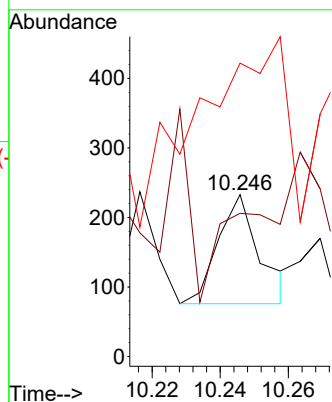
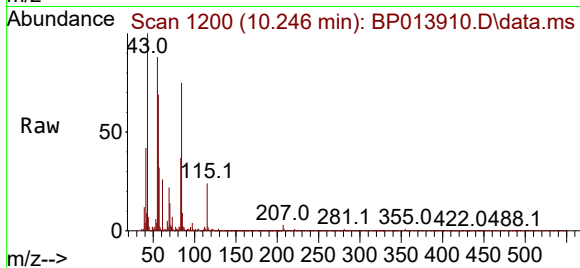
Tgt Ion:122 Resp: 133

Ion Ratio Lower Upper

122 100

105 88.4 107.4 147.4#

77 181.1 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: BP013910.D

Acq: 01 Mar 2023 02:52

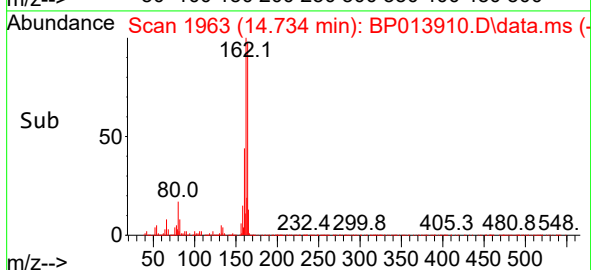
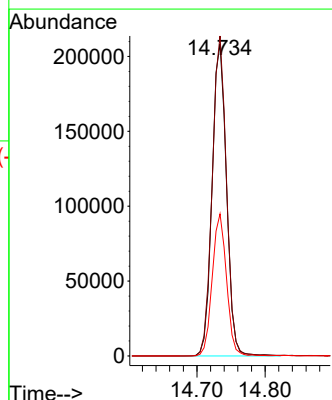
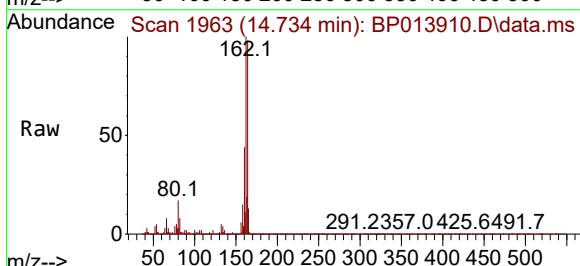
Tgt Ion:164 Resp: 306112

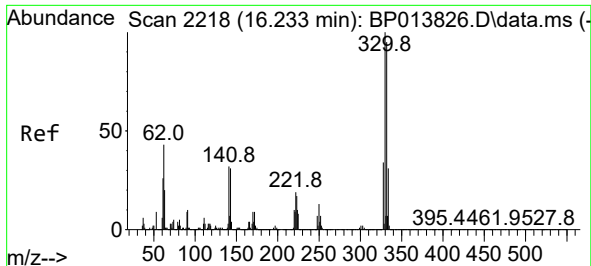
Ion Ratio Lower Upper

164 100

162 102.5 81.7 122.5

160 45.5 36.1 54.1

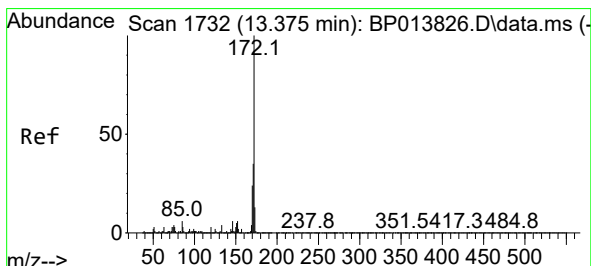
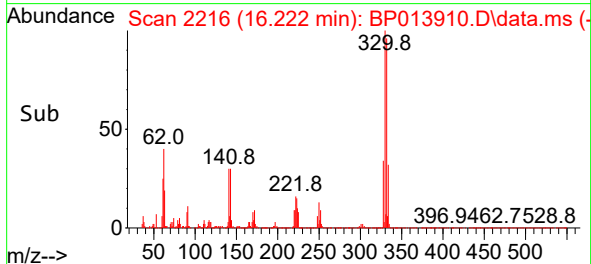
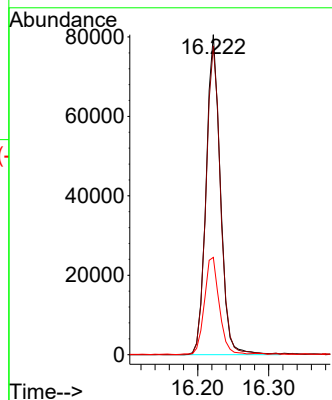
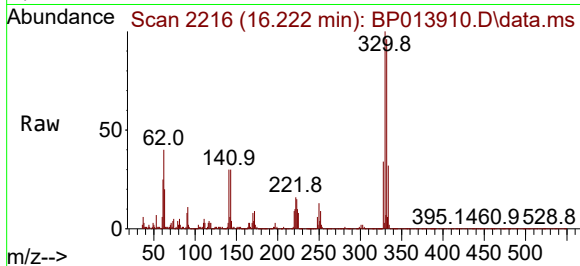




#42
2,4,6-Tribromophenol
Concen: 25.284 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

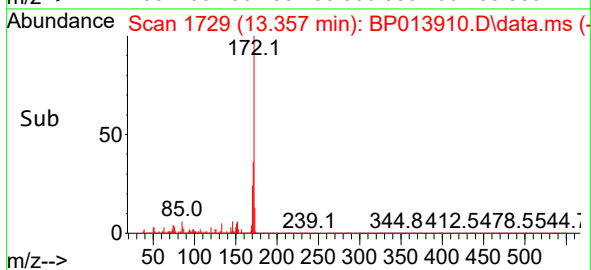
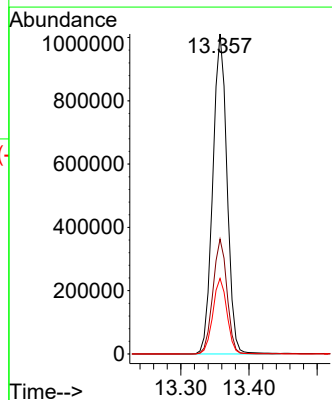
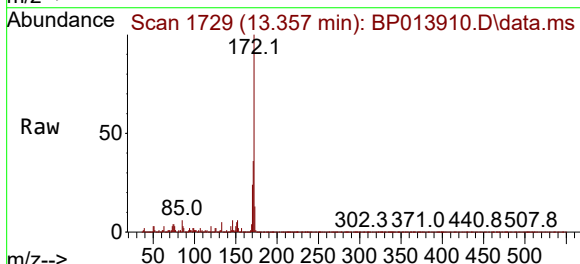
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HH-CON-12

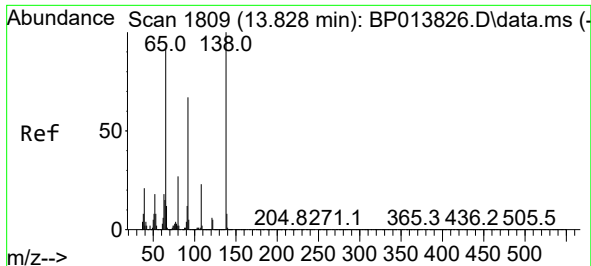
Tgt Ion: 330 Resp: 112664
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 31.6 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 63.114 ng
RT: 13.357 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion: 172 Resp: 1470901
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.6 19.0 28.4

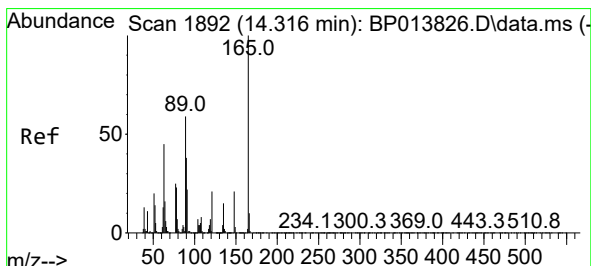
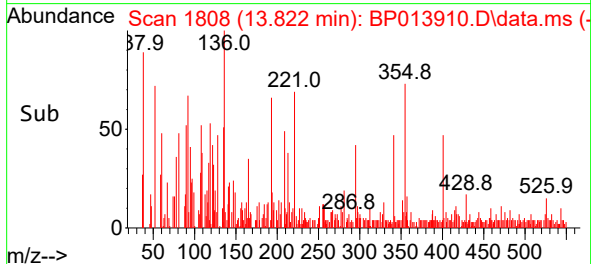
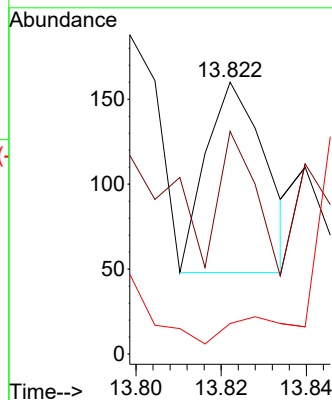
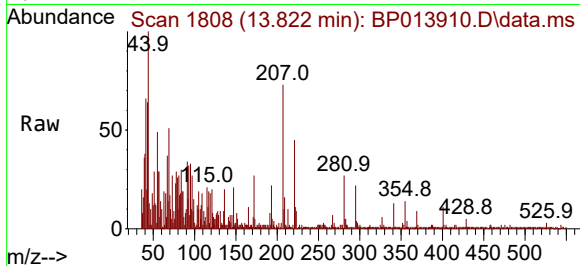




#48
2-Nitroaniline
Concen: 3.249 ng
RT: 13.822 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

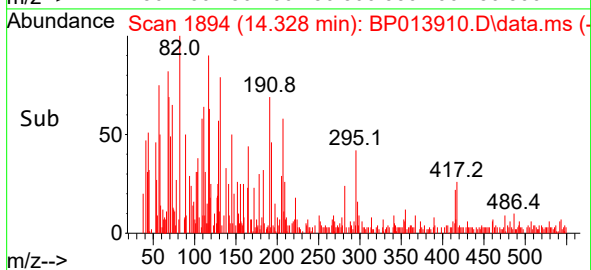
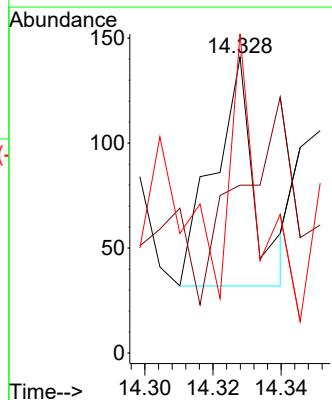
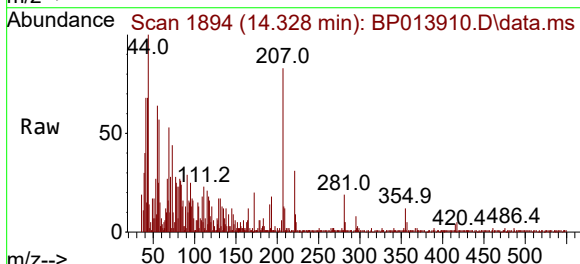
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BNA_P
ClientSampleId :
HH-CON-12

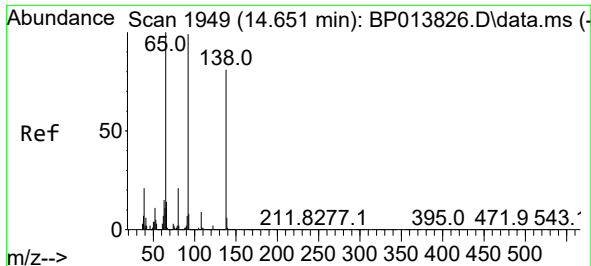
Tgt Ion: 65 Resp: 109
Ion Ratio Lower Upper
65 100
92 81.9 58.7 88.1
138 11.3 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.003 ng
RT: 14.328 min Scan# 1894
Delta R.T. 0.012 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion: 165 Resp: 89
Ion Ratio Lower Upper
165 100
63 56.7 42.6 63.8
89 107.8 47.1 70.7#

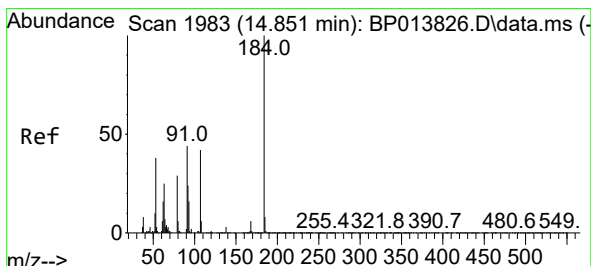
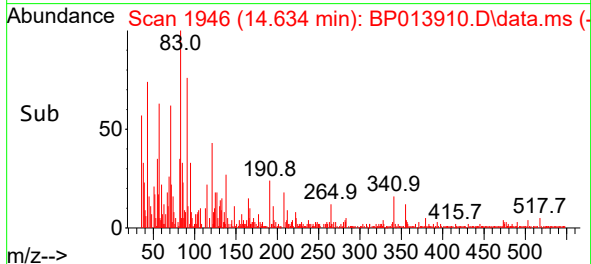
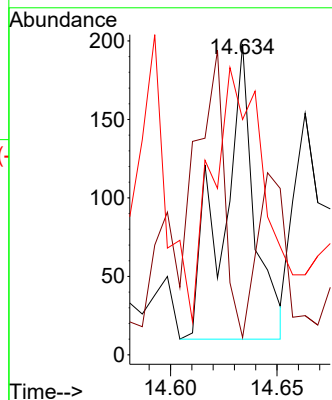
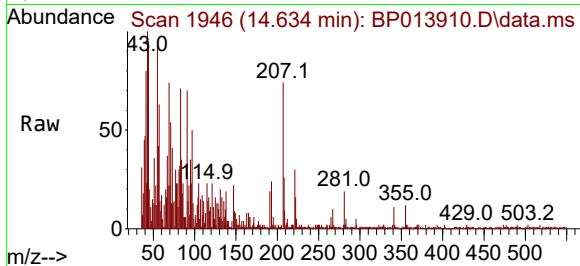




#53
3-Nitroaniline
Concen: 2.041 ng
RT: 14.634 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

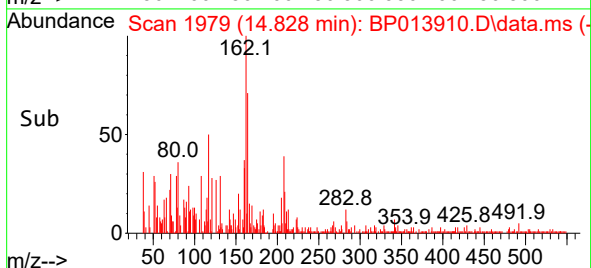
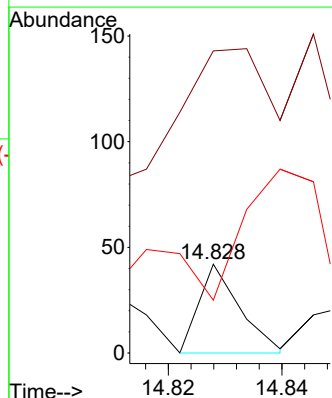
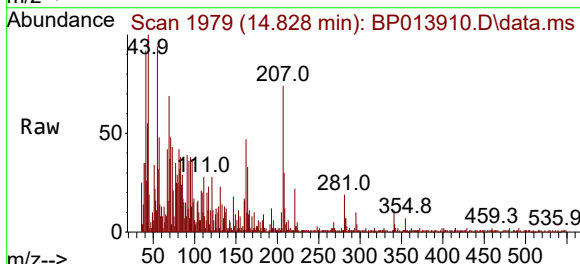
Instrument :
BNA_P
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HH-CON-12

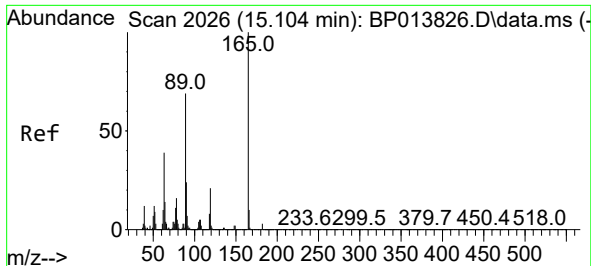
Tgt Ion:138 Resp: 195
Ion Ratio Lower Upper
138 100
108 5.6 9.0 13.4#
92 75.8 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.268 ng
RT: 14.828 min Scan# 1979
Delta R.T. -0.017 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 340.5 47.0 70.4#
154 59.5 51.5 77.3

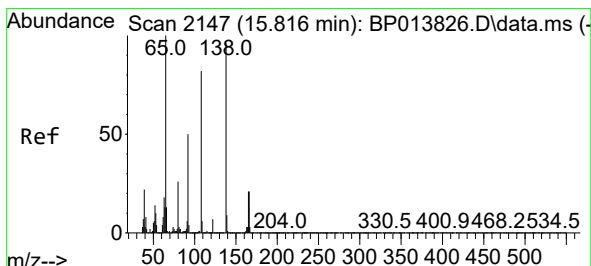
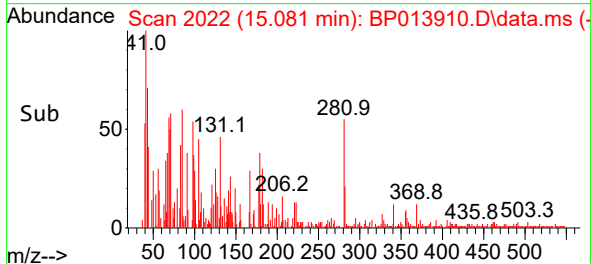
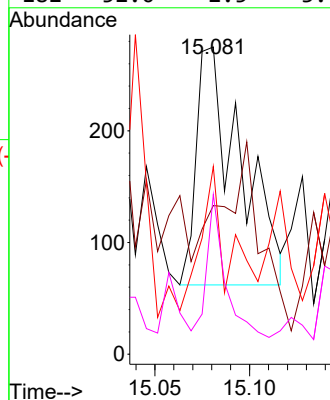
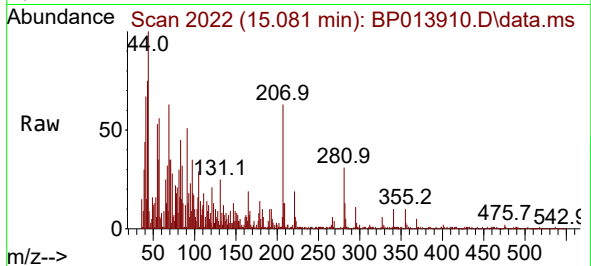




#57
2,4-Dinitrotoluene
Concen: 2.325 ng
RT: 15.081 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

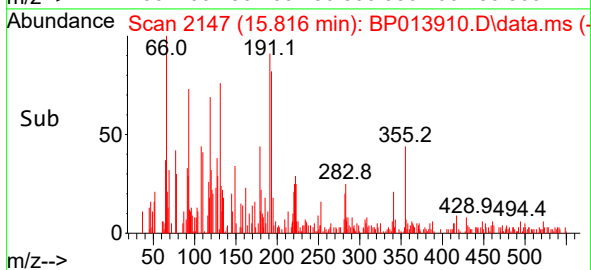
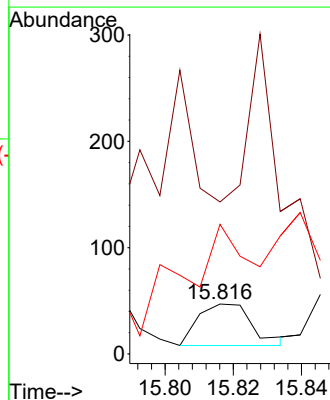
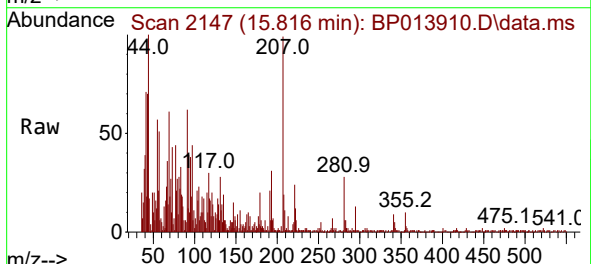
Instrument :
BNA_P
ClientSampleId :
HH-CON-12

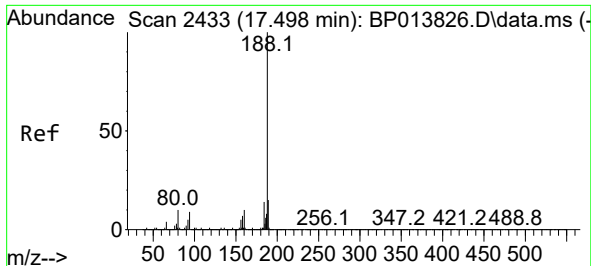
Tgt Ion:165 Resp: 343
Ion Ratio Lower Upper
165 100
63 48.4 31.1 46.7#
89 61.1 54.9 82.3
182 52.0 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.554 ng
RT: 15.816 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion:138 Resp: 43
Ion Ratio Lower Upper
138 100
92 304.3 32.0 72.0#
108 259.6 65.6 105.6#

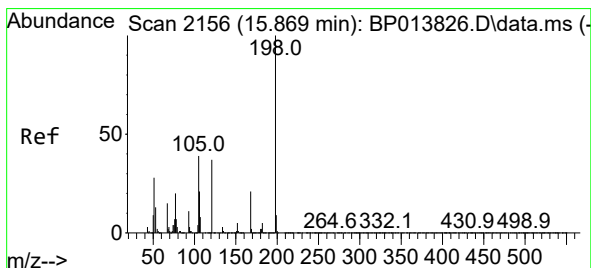
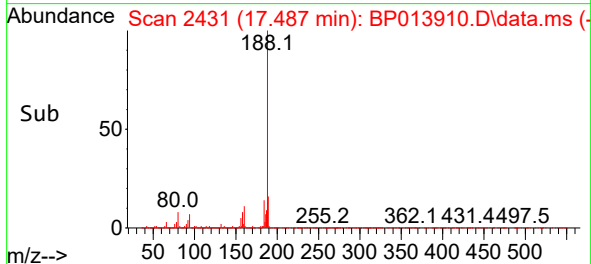
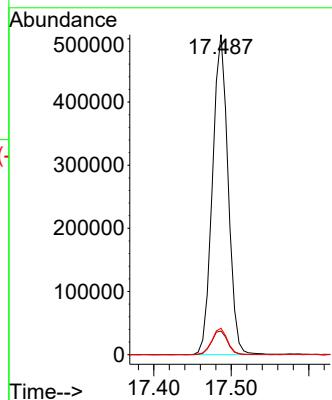
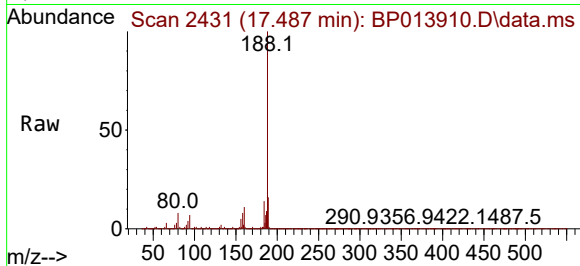




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

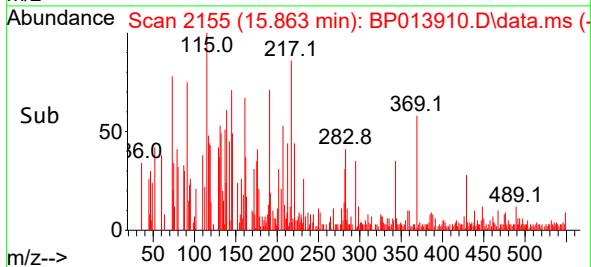
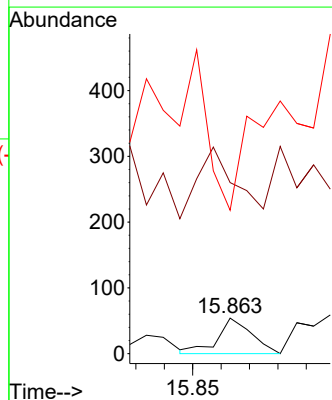
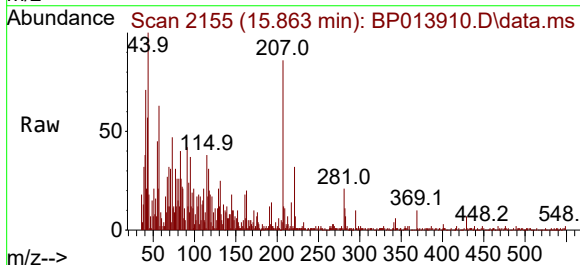
Instrument :
BNA_P
ClientSampleId :
HH-CON-12

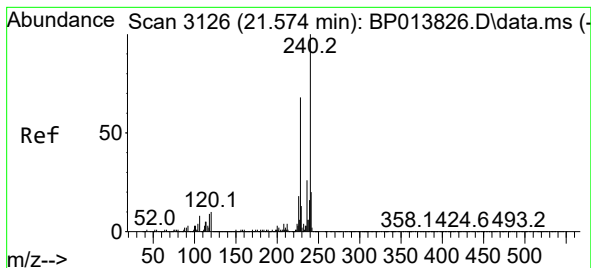
Tgt Ion:188 Resp: 710908
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.3 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.632 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion:198 Resp: 45
Ion Ratio Lower Upper
198 100
51 481.5 14.3 54.3#
105 403.7 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 31

Delta R.T. -0.011 min

Lab File: BP013910.D

Acq: 01 Mar 2023 02:52

Instrument :

BNA_P

ClientSampleId :

HH-CON-12

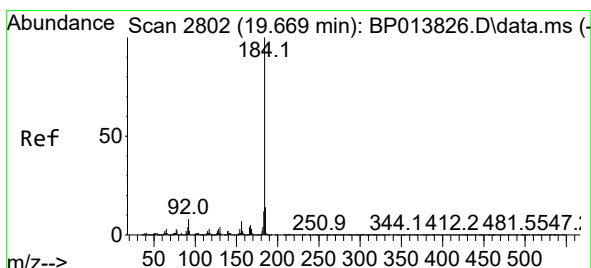
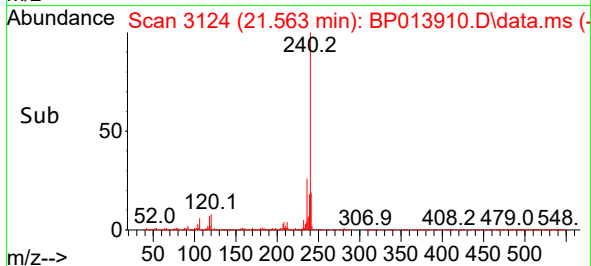
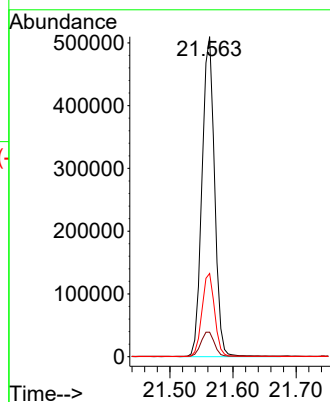
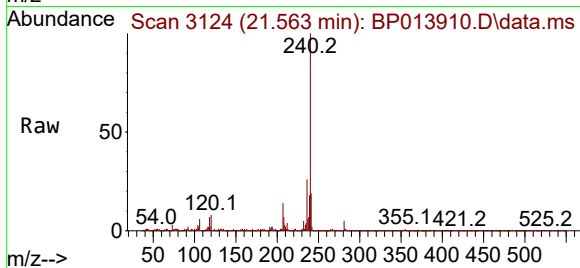
Tgt Ion:240 Resp: 701862

Ion Ratio Lower Upper

240 100

120 7.7 7.9 11.9#

236 26.0 20.9 31.3



#77

Benzidine

Concen: 2.362 ng

RT: 19.622 min Scan# 2794

Delta R.T. -0.041 min

Lab File: BP013910.D

Acq: 01 Mar 2023 02:52

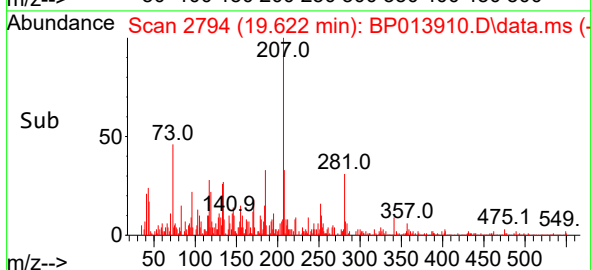
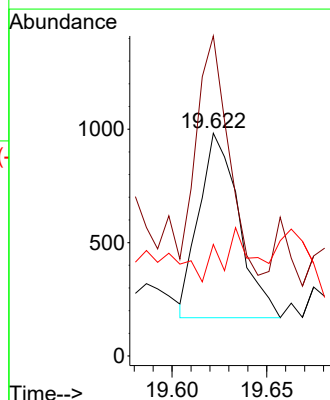
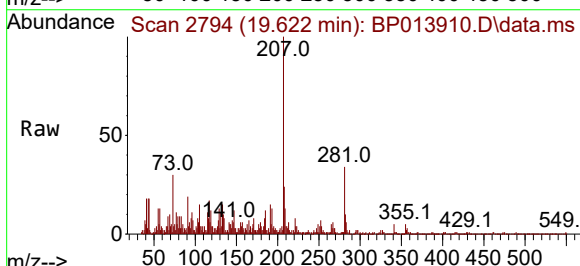
Tgt Ion:184 Resp: 1192

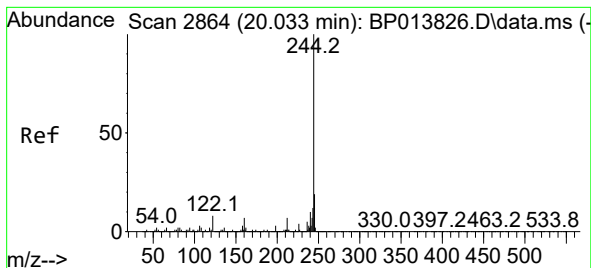
Ion Ratio Lower Upper

184 100

185 143.7 11.4 17.0#

183 50.1 9.6 14.4#





#79

Terphenyl-d14

Concen: 74.317 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013910.D

Acq: 01 Mar 2023 02:52

Instrument :

BNA_P

ClientSampleId :

HH-CON-12

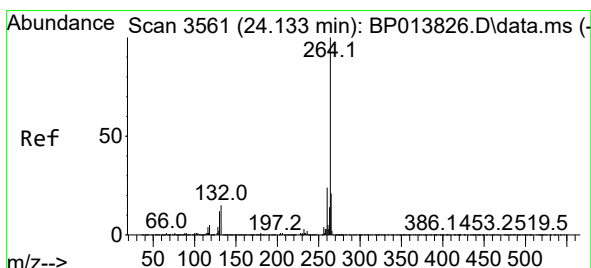
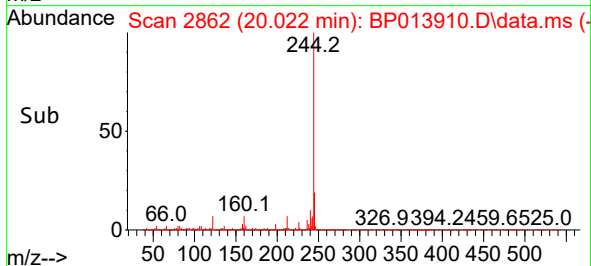
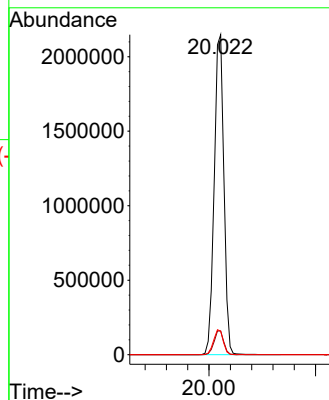
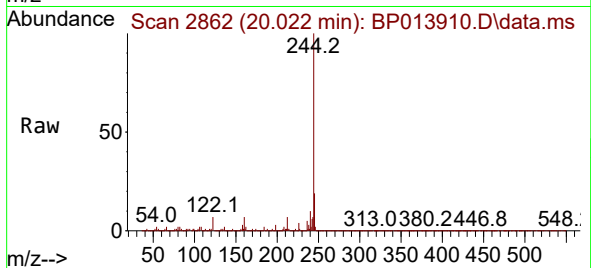
Tgt Ion:244 Resp: 2711052

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 7.3 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.011 min

Lab File: BP013910.D

Acq: 01 Mar 2023 02:52

Tgt Ion:264 Resp: 821351

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.8 17.6 26.4

