

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013911.D
 Acq On : 01 Mar 2023 03:26
 Operator : CG/JU
 Sample : 01723-25
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

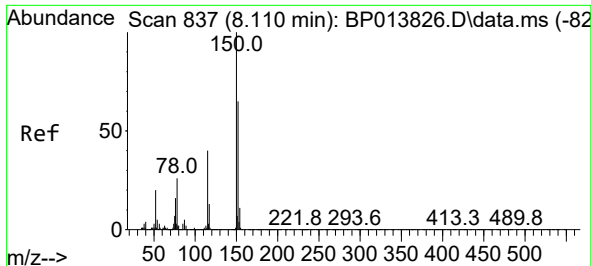
Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-13

Quant Time: Mar 01 03:53:25 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	8.093	152	131276	20.000	ng	-0.01
21) Naphthalene-d8	10.922	136	509243	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	331129	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	779117	20.000	ng	0.00
76) Chrysene-d12	21.563	240	783870	20.000	ng	#-0.01
86) Perylene-d12	24.110	264	880841	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	515409	64.707	ng	0.00
7) Phenol-d6	7.252	99	942048	92.346	ng	0.00
23) Nitrobenzene-d5	9.269	82	675607	71.641	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	307157	63.724	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1657874	65.762	ng	-0.01
79) Terphenyl-d14	20.022	244	2938230	72.118	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.046	139	34	2.775	ng	# 10
32) Benzoic acid	10.228	122	85	5.088	ng	# 15
48) 2-Nitroaniline	13.816	65	118	3.249	ng	# 57
53) 3-Nitroaniline	14.645	138	56	2.017	ng	# 1
54) 2,4-Dinitrophenol	14.845	184	25	5.268	ng	# 1
57) 2,4-Dinitrotoluene	15.081	165	73	2.290	ng	# 53
62) 4-Nitroaniline	15.822	138	51	2.555	ng	# 58
65) 4,6-Dinitro-2-methylph...	15.845	198	18	4.627	ng	# 1
77) Benzidine	19.645	184	352	2.304	ng	# 1

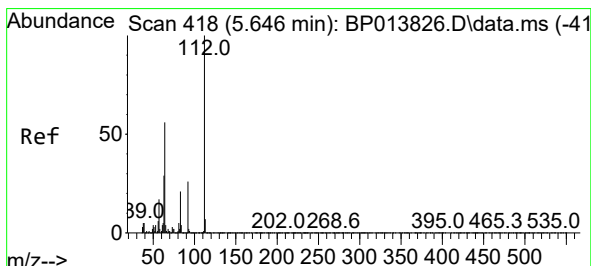
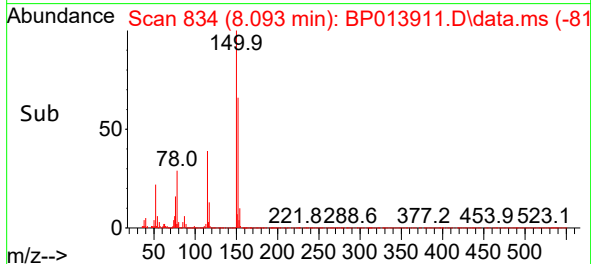
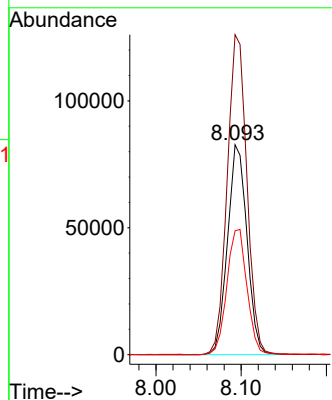
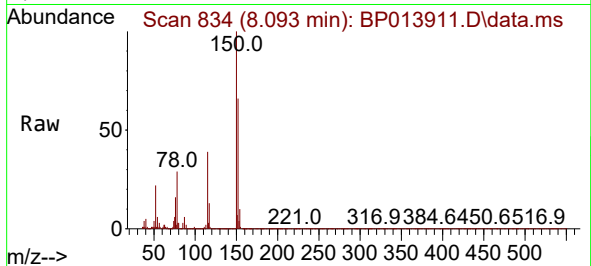
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP013911.D
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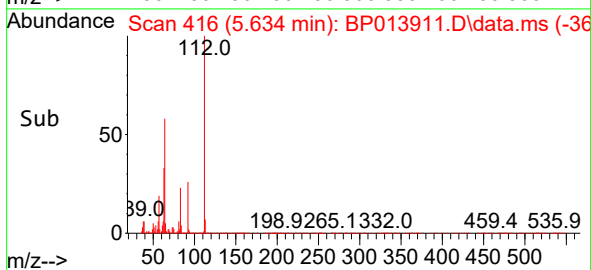
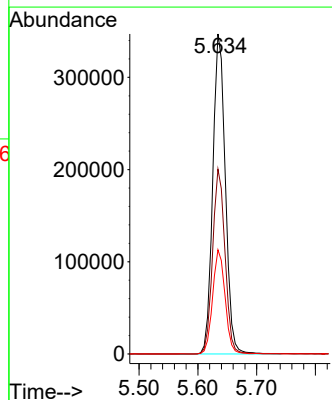
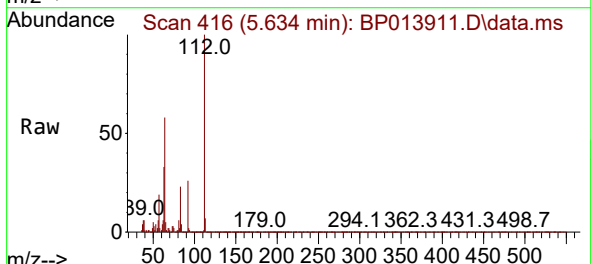
Instrument :
BNA_P
ClientSampleId :
HH-CON-13

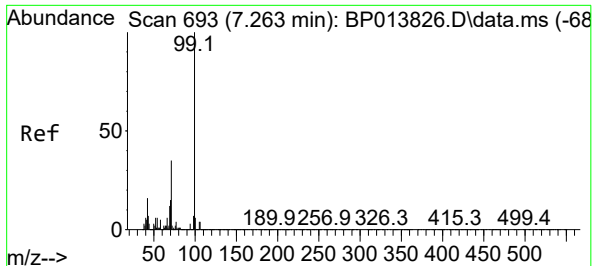
Tgt Ion:152 Resp: 131276
Ion Ratio Lower Upper
152 100
150 152.4 122.8 184.2
115 59.0 49.0 73.6



#5
2-Fluorophenol
Concen: 64.707 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

Tgt Ion:112 Resp: 515409
Ion Ratio Lower Upper
112 100
64 57.8 44.6 66.8
63 32.6 23.6 35.4

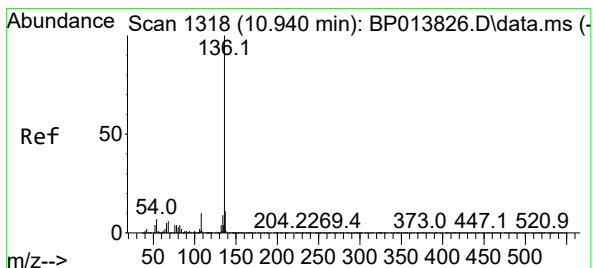
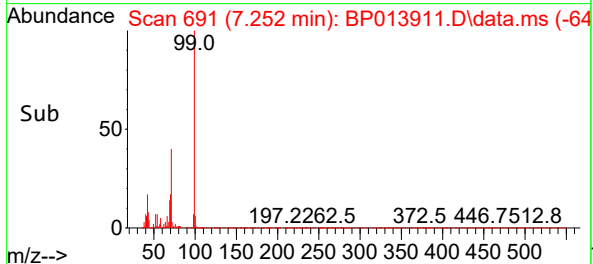
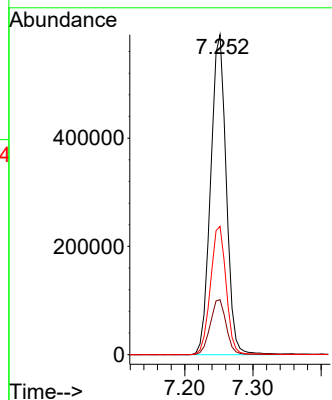
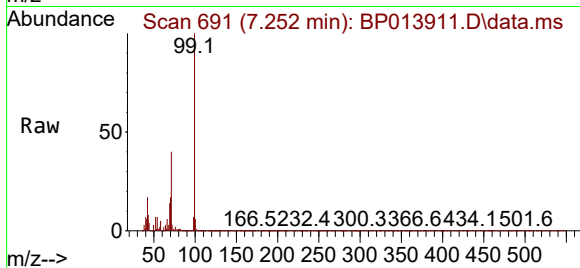




#7
Phenol-d6
Concen: 92.346 ng
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

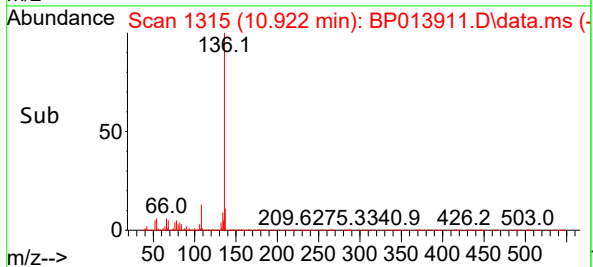
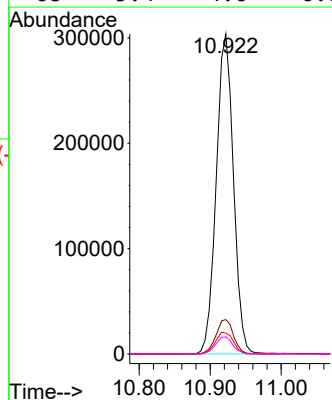
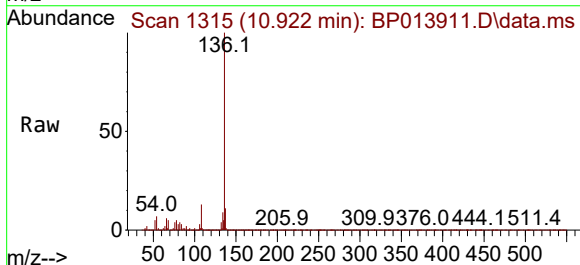
Instrument :
BNA_P
ClientSampleId :
HH-CON-13

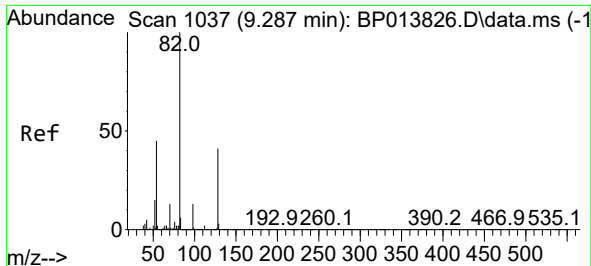
Tgt Ion: 99 Resp: 942048
Ion Ratio Lower Upper
99 100
42 17.2 12.5 18.7
71 40.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

Tgt Ion: 136 Resp: 509243
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.5 5.8 8.6
68 5.4 4.6 6.8

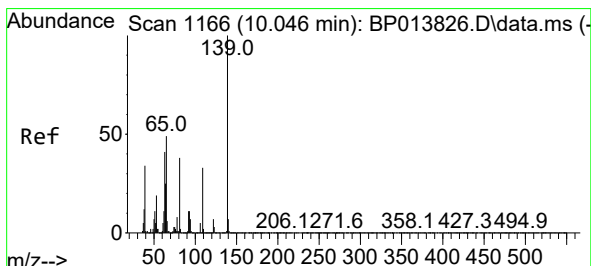
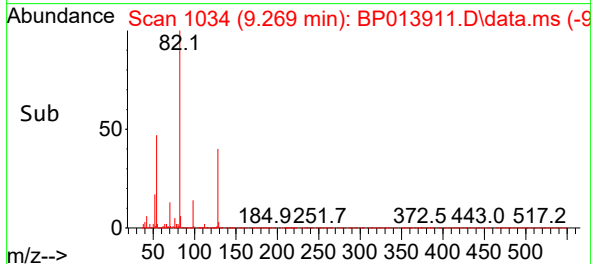
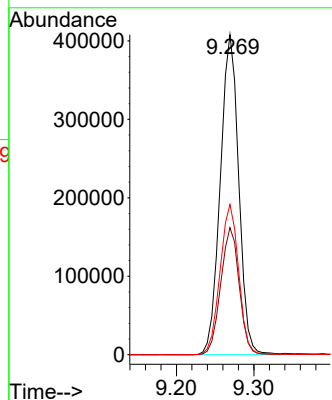
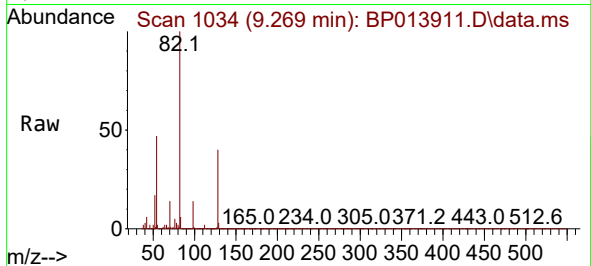




#23
Nitrobenzene-d5
Concen: 71.641 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

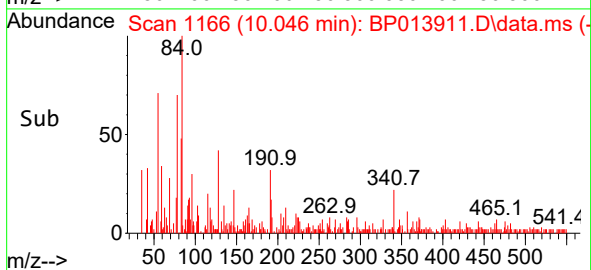
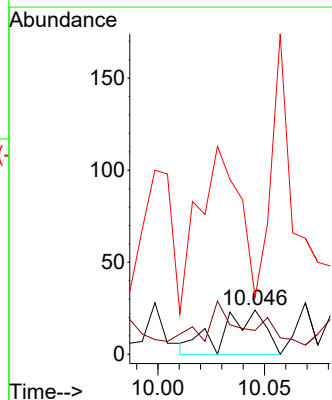
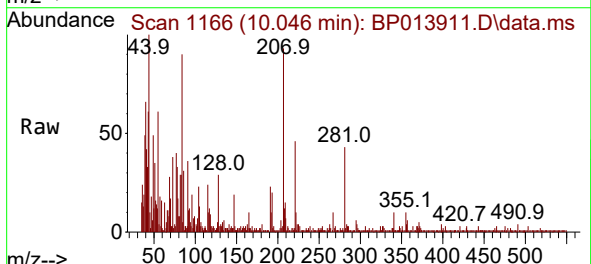
Instrument :
BNA_P
ClientSampleId :
HH-CON-13

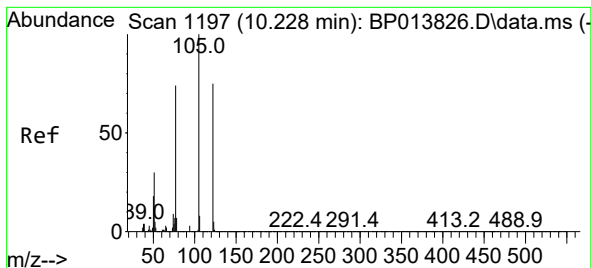
Tgt Ion: 82 Resp: 675607
Ion Ratio Lower Upper
82 100
128 39.7 32.9 49.3
54 46.9 35.6 53.4



#26
2-Nitrophenol
Concen: 2.775 ng
RT: 10.046 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

Tgt Ion:139 Resp: 34
Ion Ratio Lower Upper
139 100
109 62.5 26.7 40.1#
65 129.2 39.4 59.2#





#32

Benzoic acid

Concen: 5.088 ng

RT: 10.228 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BP013911.D

Acq: 01 Mar 2023 03:26

Instrument :

BNA_P

ClientSampleId :

HH-CON-13

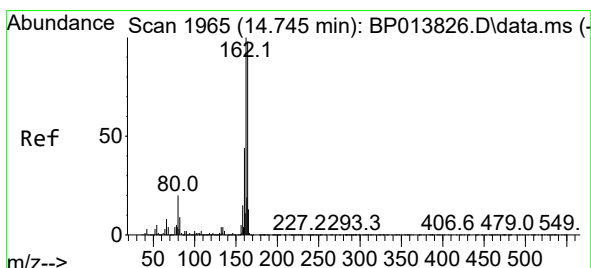
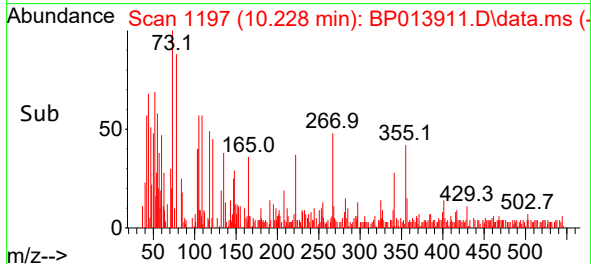
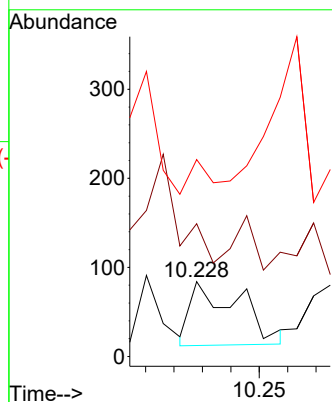
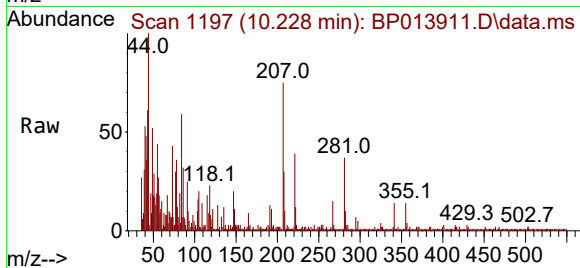
Tgt Ion:122 Resp: 85

Ion Ratio Lower Upper

122 100

105 165.6 107.4 147.4#

77 245.6 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: BP013911.D

Acq: 01 Mar 2023 03:26

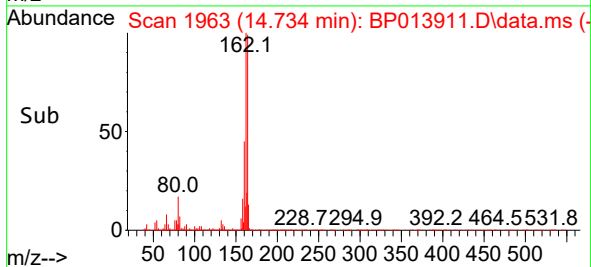
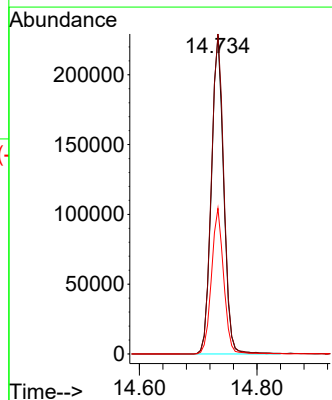
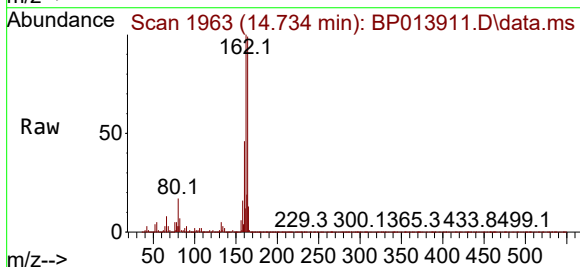
Tgt Ion:164 Resp: 331129

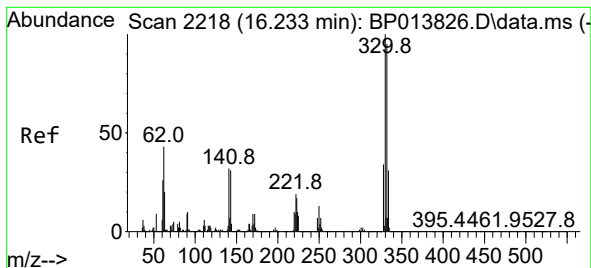
Ion Ratio Lower Upper

164 100

162 100.6 81.7 122.5

160 45.8 36.1 54.1

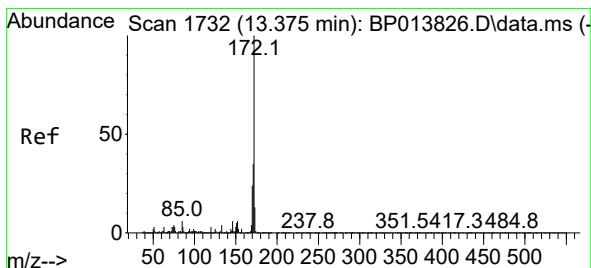
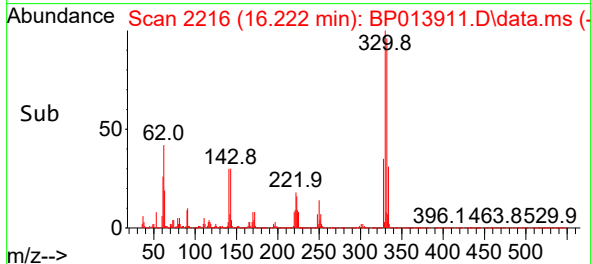
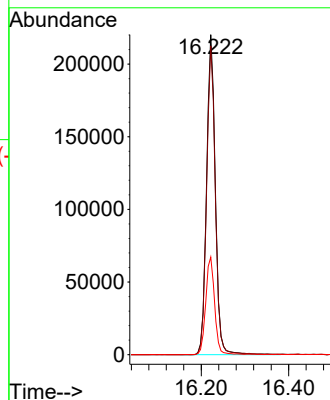
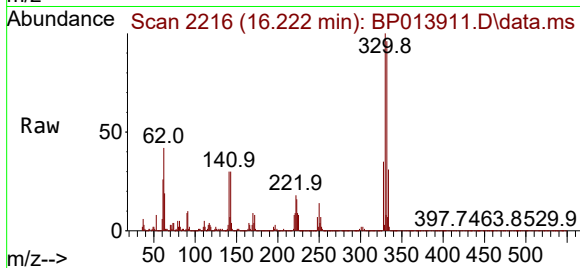




#42
2,4,6-Tribromophenol
Concen: 63.724 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

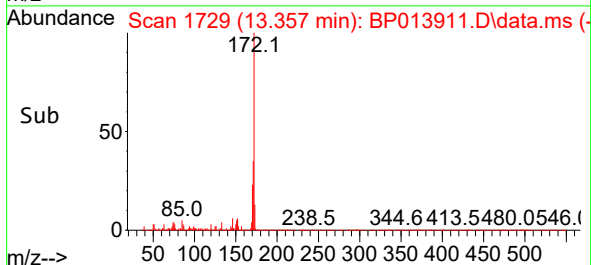
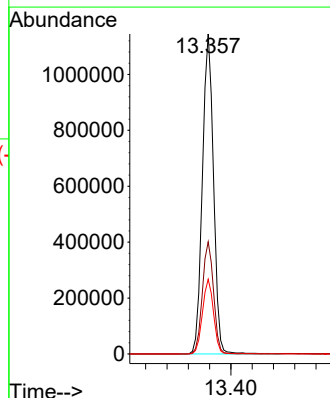
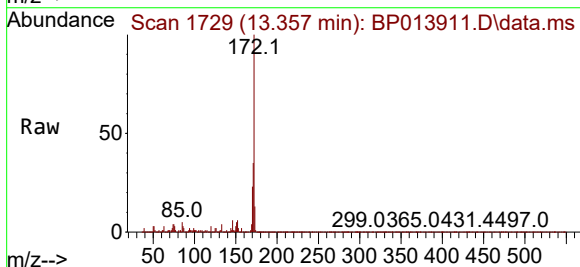
Instrument :
BNA_P
ClientSampleId :
HH-CON-13

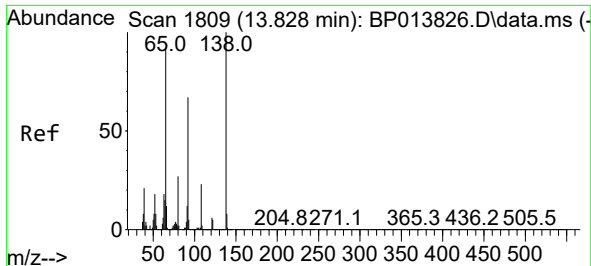
Tgt Ion:330 Resp: 307157
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 30.9 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 65.762 ng
RT: 13.357 min Scan# 1729
Delta R.T. -0.012 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

Tgt Ion:172 Resp: 1657874
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.3 19.0 28.4

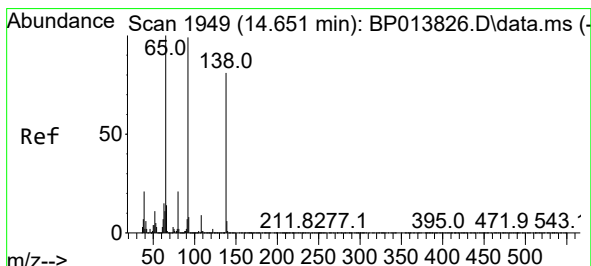
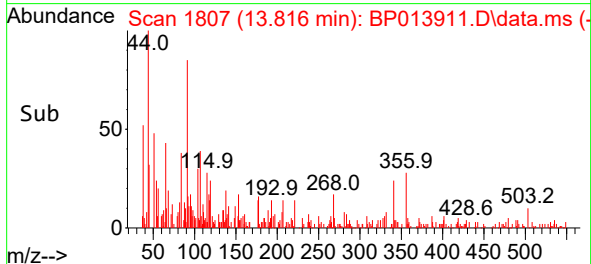
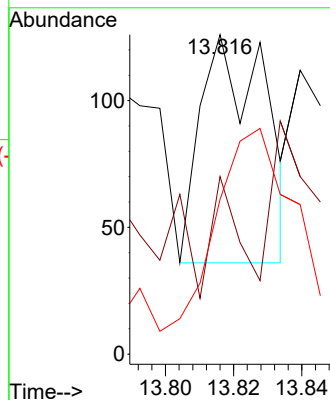
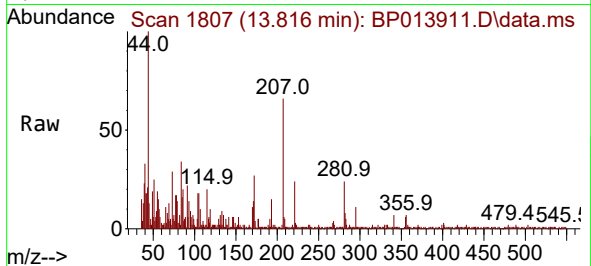




#48
2-Nitroaniline
Concen: 3.249 ng
RT: 13.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

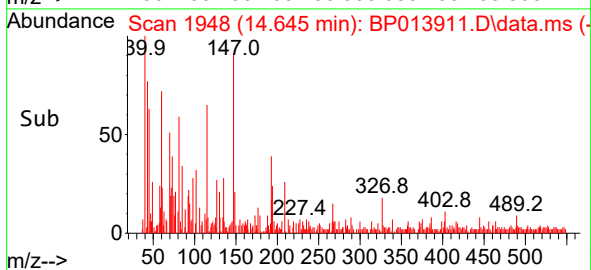
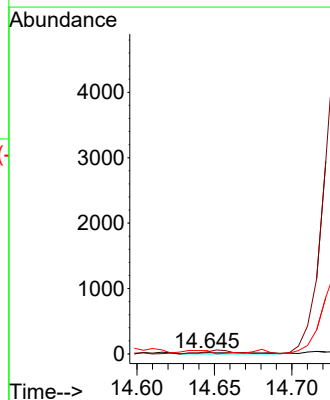
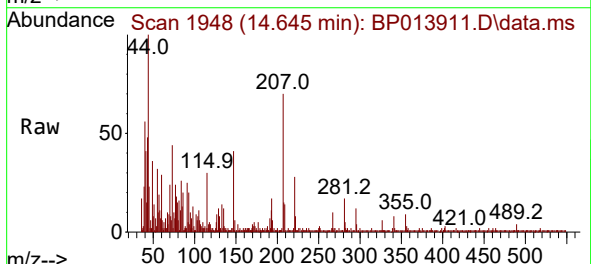
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BNA_P
ClientSampleId :
HH-CON-13

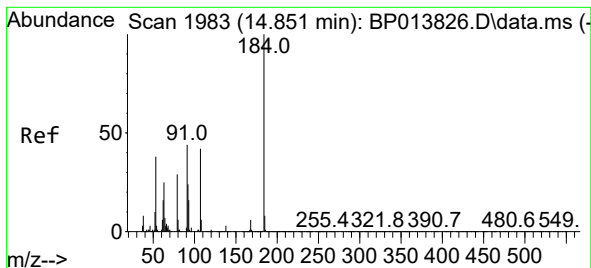
Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 55.6 58.7 88.1#
138 48.4 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.017 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

Tgt Ion: 138 Resp: 56
Ion Ratio Lower Upper
138 100
108 155.0 9.0 13.4#
92 260.0 97.1 145.7#





#54

2,4-Dinitrophenol

Concen: 5.268 ng

RT: 14.845 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BP013911.D

Acq: 01 Mar 2023 03:26

Instrument :

BNA_P

ClientSampleId :

HH-CON-13

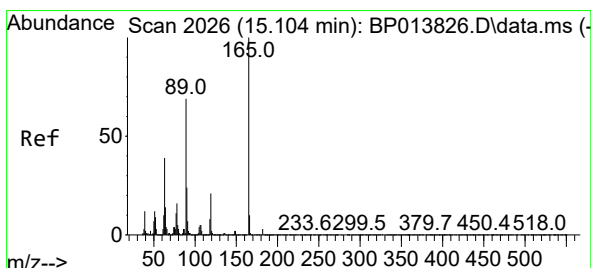
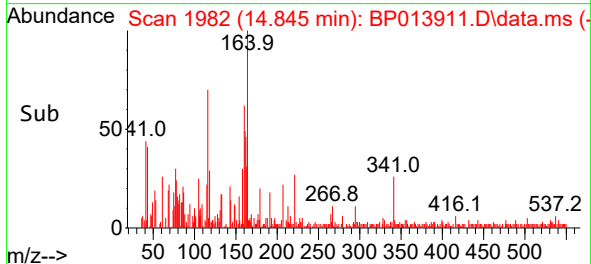
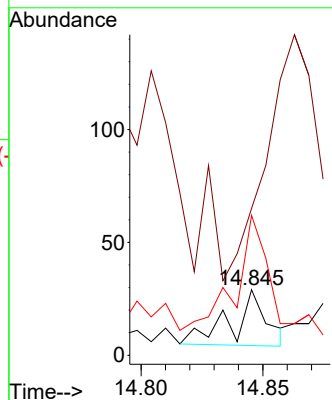
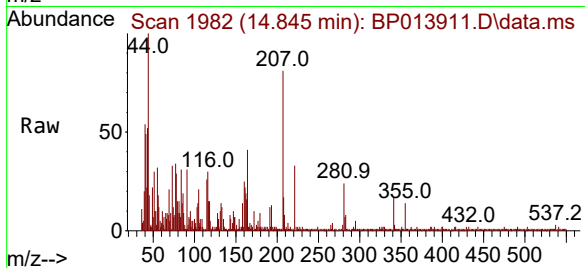
Tgt Ion:184 Resp: 25

Ion Ratio Lower Upper

184 100

63 224.1 47.0 70.4#

154 213.8 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 2.290 ng

RT: 15.081 min Scan# 2022

Delta R.T. -0.018 min

Lab File: BP013911.D

Acq: 01 Mar 2023 03:26

Tgt Ion:165 Resp: 73

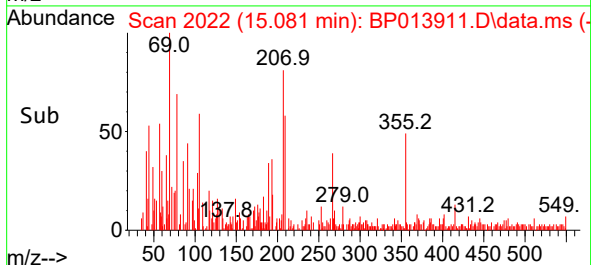
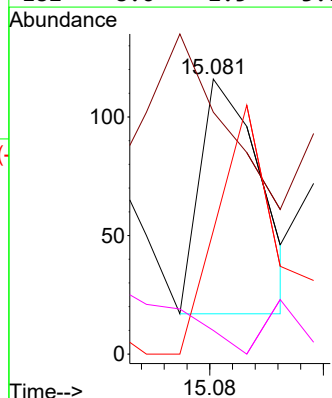
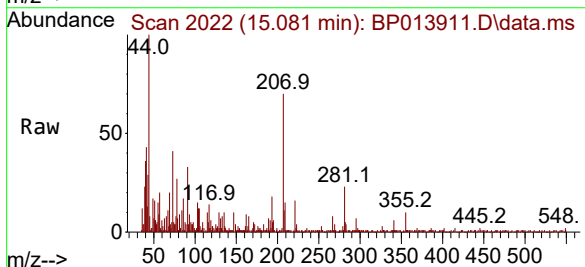
Ion Ratio Lower Upper

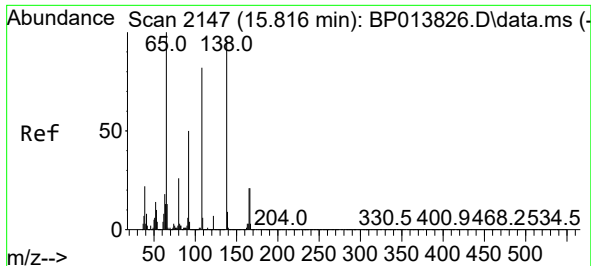
165 100

63 87.9 31.1 46.7#

89 44.8 54.9 82.3#

182 8.6 2.5 3.7#

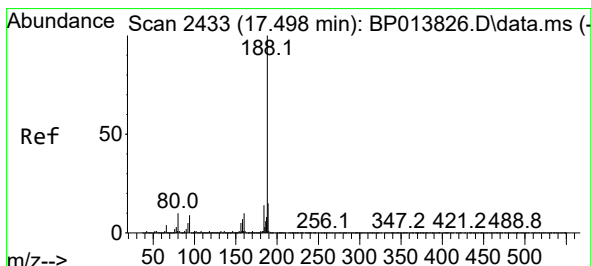
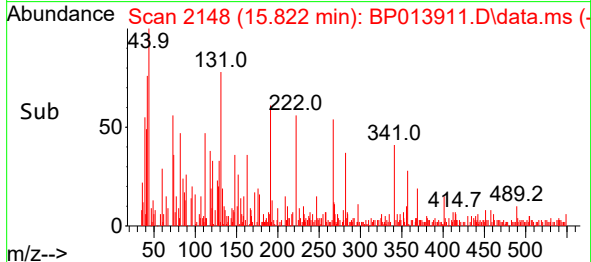
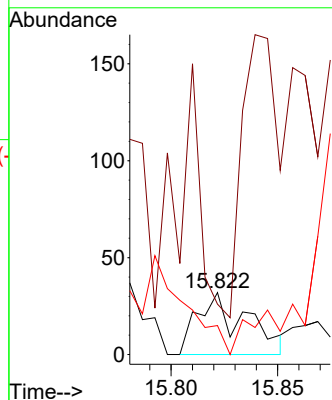
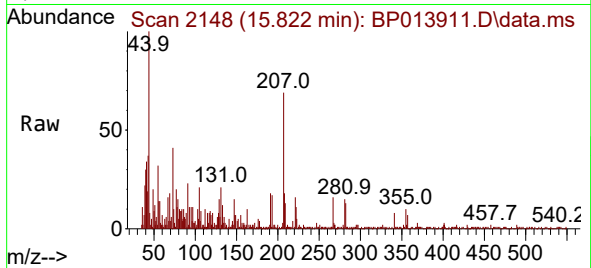




#62
4-Nitroaniline
Concen: 2.555 ng
RT: 15.822 min Scan# 2147
Delta R.T. 0.012 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

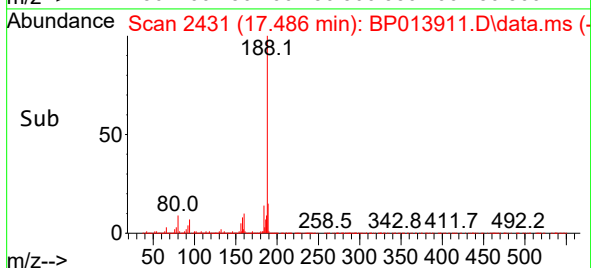
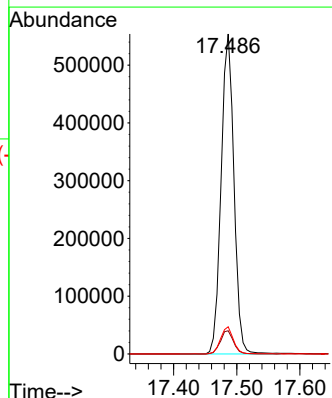
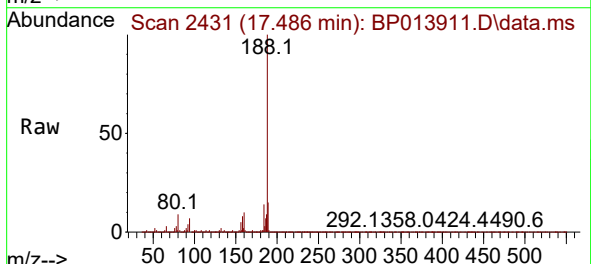
Instrument :
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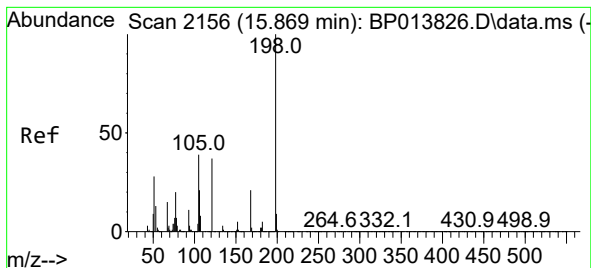
Tgt Ion:138 Resp: 51
Ion Ratio Lower Upper
138 100
92 81.3 32.0 72.0#
108 46.9 65.6 105.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

Tgt Ion:188 Resp: 779117
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.5 7.8 11.8

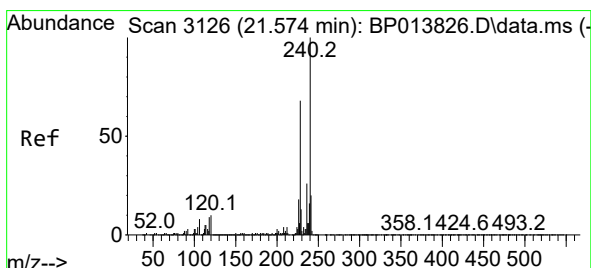
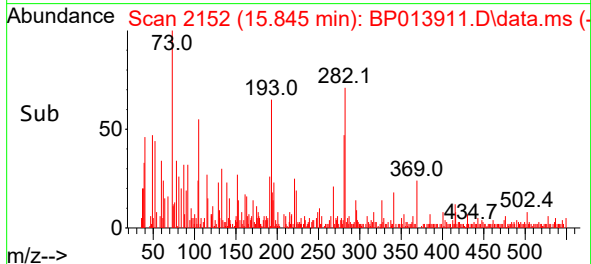
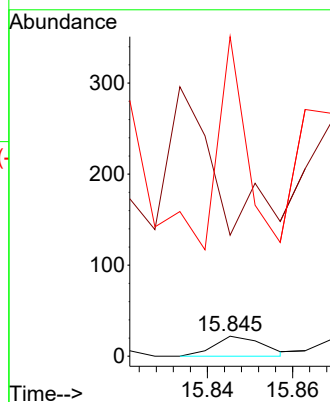
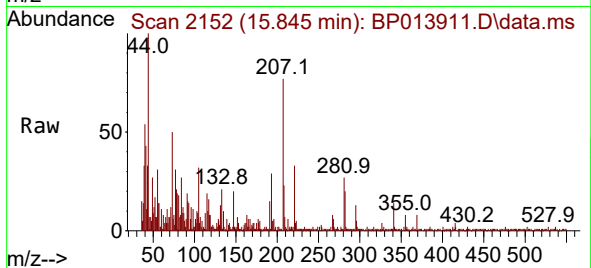




#65
4,6-Dinitro-2-methylphenol
Concen: 4.627 ng
RT: 15.845 min Scan# 2156
Delta R.T. -0.018 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

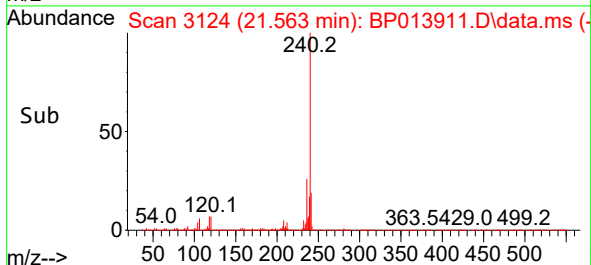
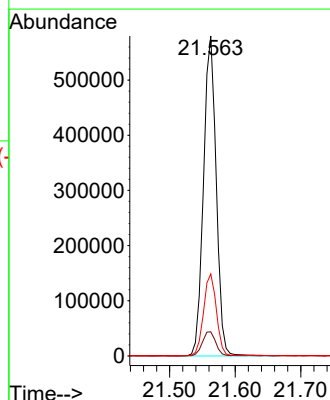
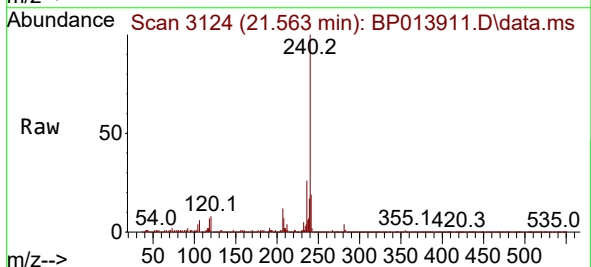
Instrument :
BNA_P
ClientSampleId :
HH-CON-13

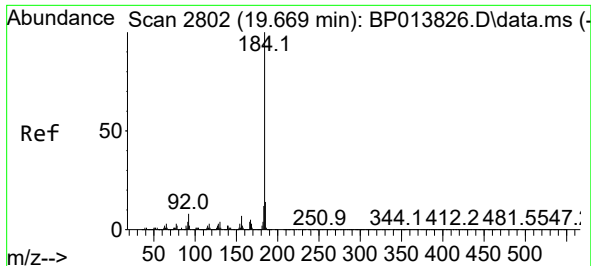
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 604.5 14.3 54.3#
105 1595.5 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

Tgt Ion:240 Resp: 783870
Ion Ratio Lower Upper
240 100
120 7.6 7.9 11.9#
236 25.6 20.9 31.3

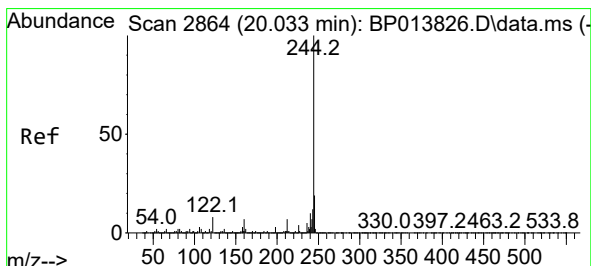
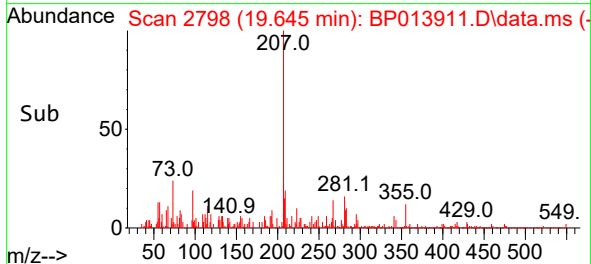
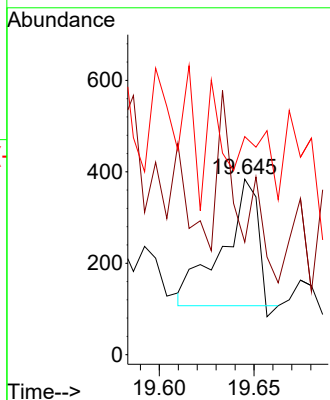
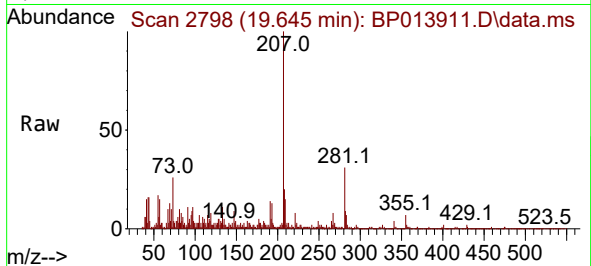




#77
Benzidine
Concen: 2.304 ng
RT: 19.645 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

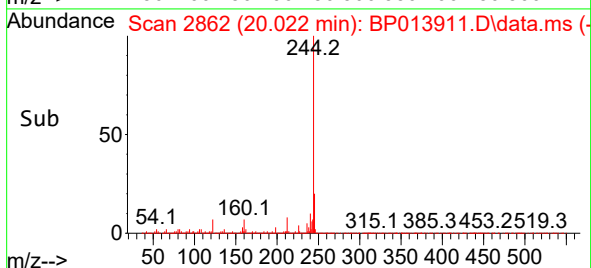
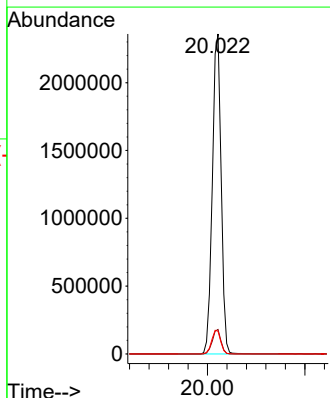
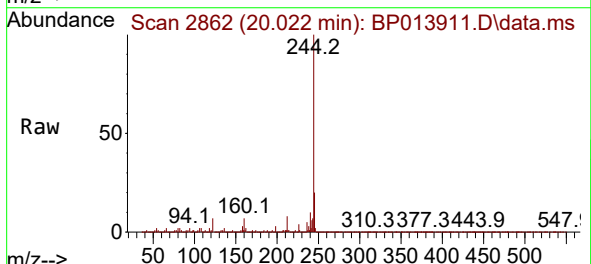
Instrument :
BNA_P
ClientSampleId :
HH-CON-13

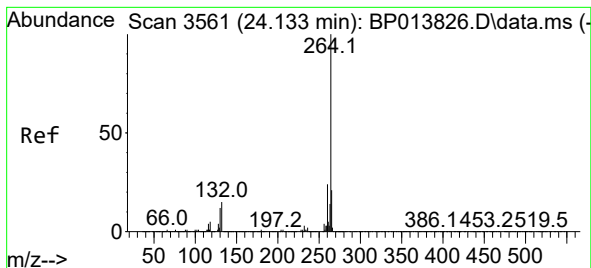
Tgt Ion:184 Resp: 352
Ion Ratio Lower Upper
184 100
185 64.1 11.4 17.0#
183 124.2 9.6 14.4#



#79
Terphenyl-d14
Concen: 72.118 ng
RT: 20.022 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP013911.D
Acq: 01 Mar 2023 03:26

Tgt Ion:244 Resp: 2938230
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 7.1 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013911.D

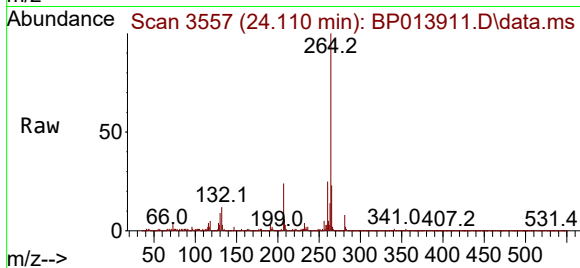
Acq: 01 Mar 2023 03:26

Instrument :

BNA_P

ClientSampleId :

HH-CON-13



Tgt Ion:264 Resp: 880841

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 22.6 17.6 26.4

