

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013452.D
 Acq On : 11 Jan 2023 19:54
 Operator : CG/JU
 Sample : 01084-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-2

Quant Time: Jan 12 02:20:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 02:16:32 2023
 Response via : Initial Calibration

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

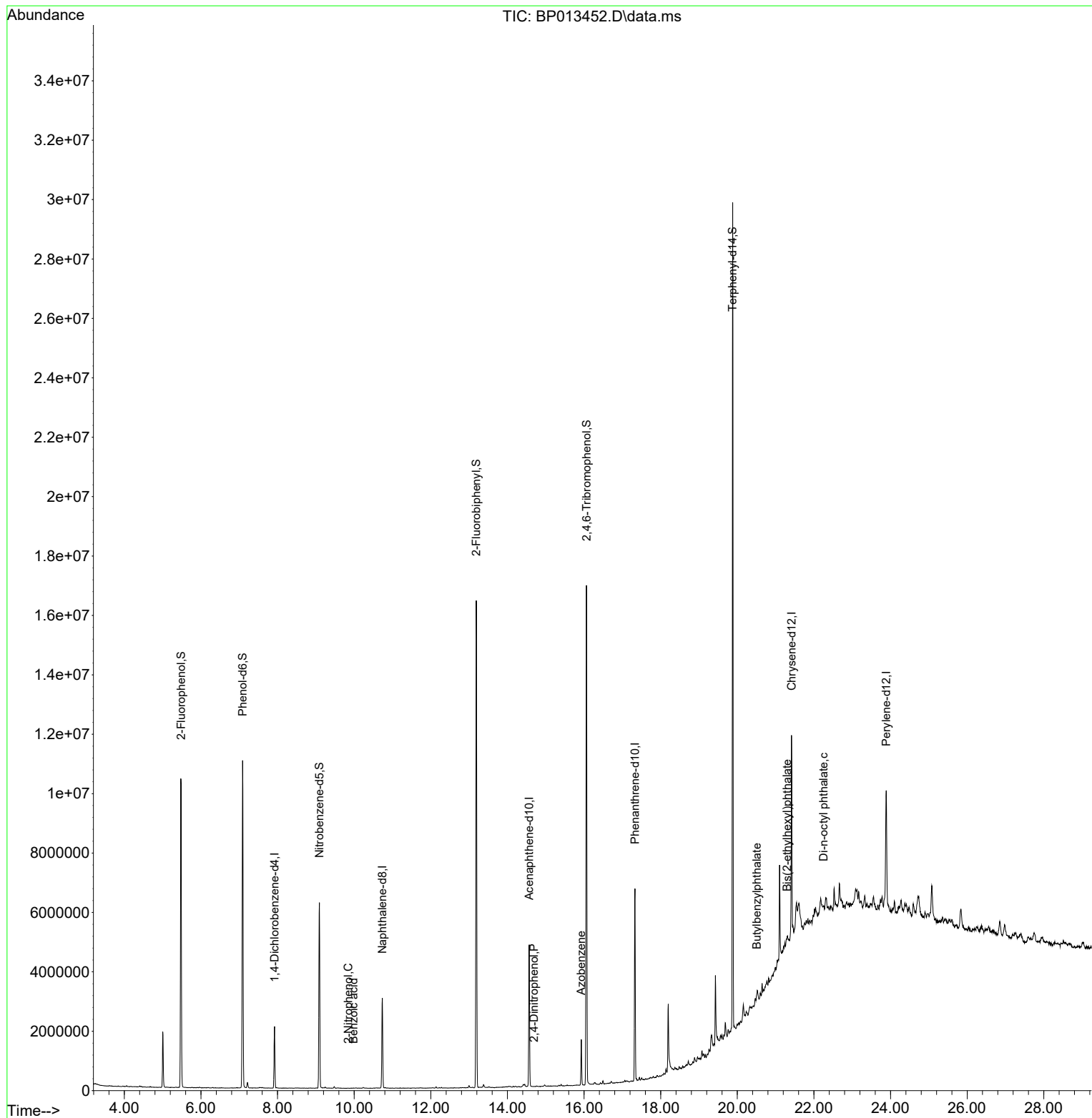
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	566373	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2427219	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1655938	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3995070	20.000	ng	0.01
76) Chrysene-d12	21.416	240	3129424	20.000	ng	0.00
86) Perylene-d12	23.886	264	3236509	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4577915	147.685	ng	0.01
7) Phenol-d6	7.087	99	6107947	150.884	ng	0.01
23) Nitrobenzene-d5	9.093	82	3517787	79.454	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	3577265	179.173	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	8566241	70.239	ng	0.00
79) Terphenyl-d14	19.875	244	13033813	82.169	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.846	139	165	2.796	ng	# 1
32) Benzoic acid	9.981	122	1388	4.421	ng	# 54
54) 2,4-Dinitrophenol	14.693	184	138	3.605	ng	# 1
63) Azobenzene	15.928	77	394024	3.808	ng	# 1
80) Butylbenzylphthalate	20.510	149	3457	2.134	ng	# 30
84) Bis(2-ethylhexyl)phtha...	21.304	149	57529	3.270	ng	# 80
85) Di-n-octyl phthalate	22.251	149	22156	2.296	ng	# 59

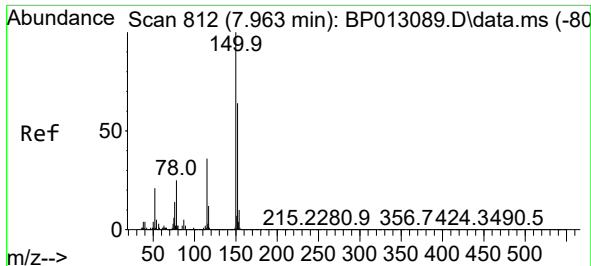
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
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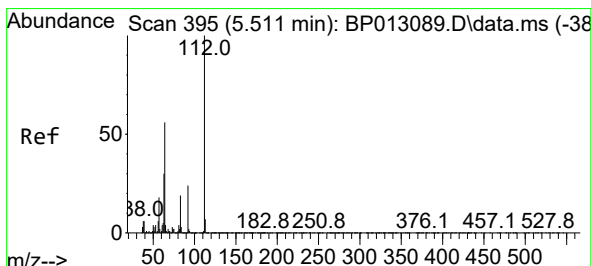
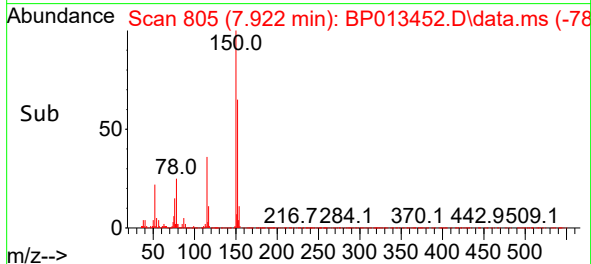
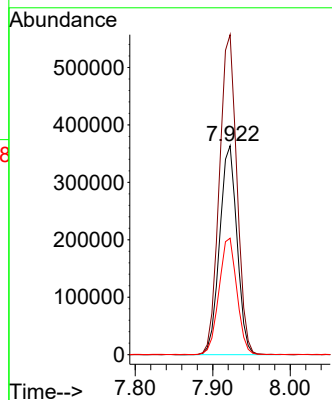
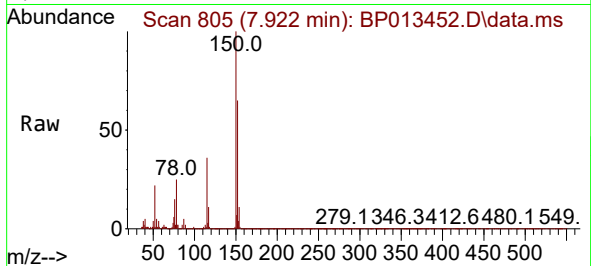




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013452.D
Acq: 11 Jan 2023 19:54

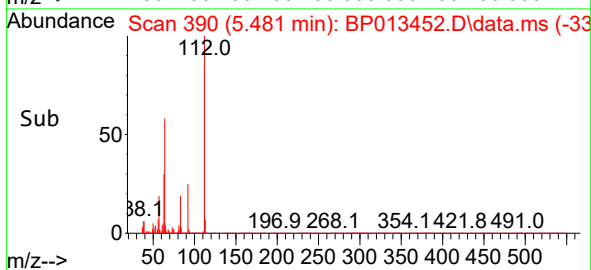
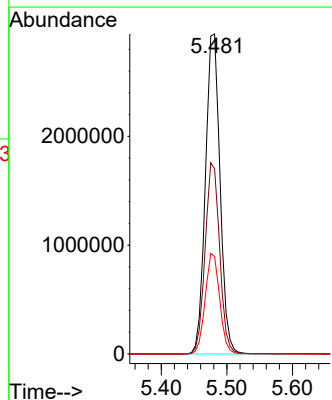
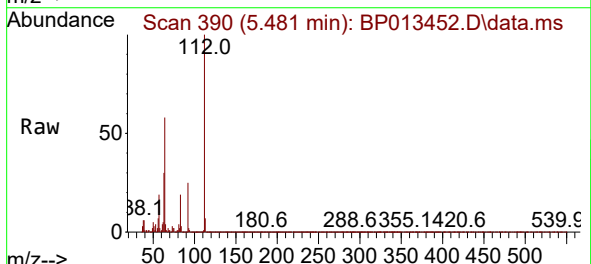
Instrument :
BNA_P
ClientSampleId :
MH-2

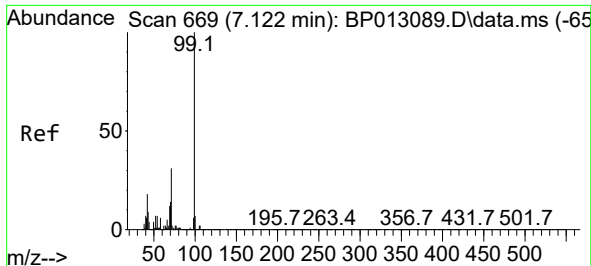
Tgt Ion:152 Resp: 566373
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 55.7 45.6 68.4



#5
2-Fluorophenol
Concen: 147.685 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013452.D
Acq: 11 Jan 2023 19:54

Tgt Ion:112 Resp: 4577915
Ion Ratio Lower Upper
112 100
64 57.9 45.1 67.7
63 30.4 23.8 35.6

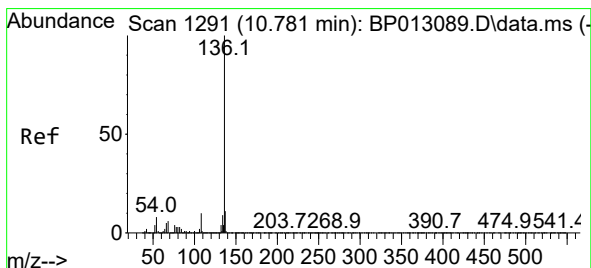
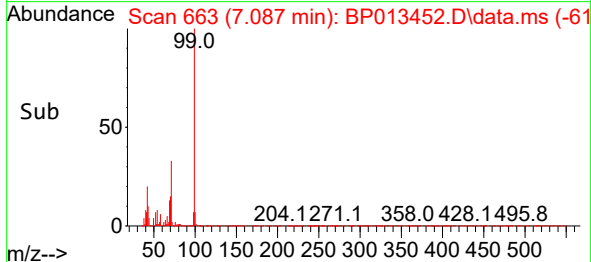
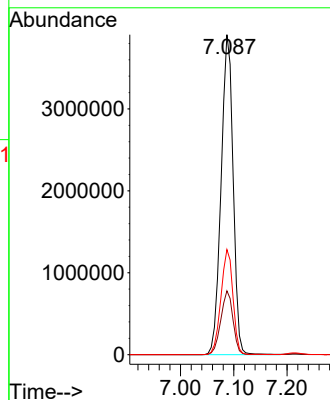
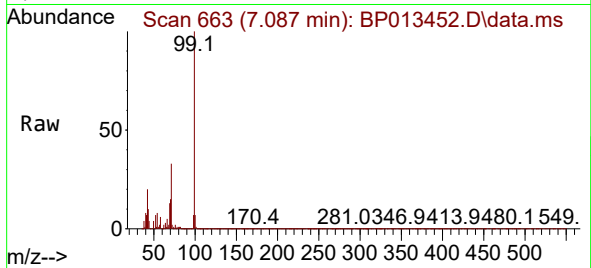




#7
Phenol-d6
Concen: 150.884 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP013452.D
Acq: 11 Jan 2023 19:54

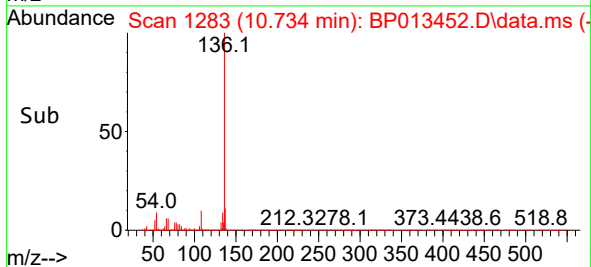
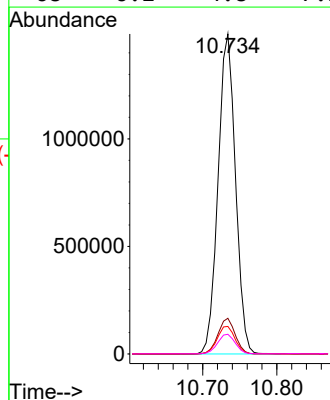
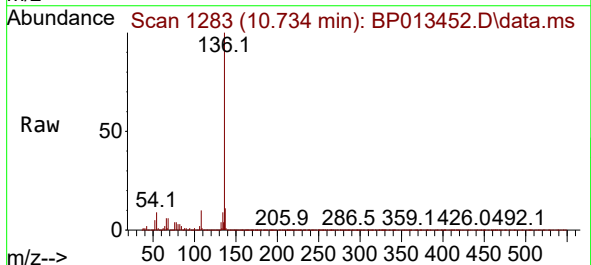
Instrument :
BNA_P
ClientSampleId :
MH-2

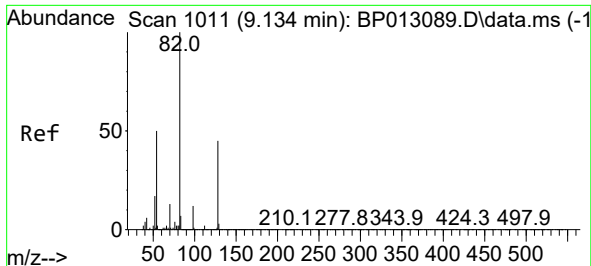
Tgt Ion: 99 Resp: 6107947
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 32.9 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP013452.D
Acq: 11 Jan 2023 19:54

Tgt Ion: 136 Resp: 2427219
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.6 6.2 9.4
68 6.2 4.8 7.2

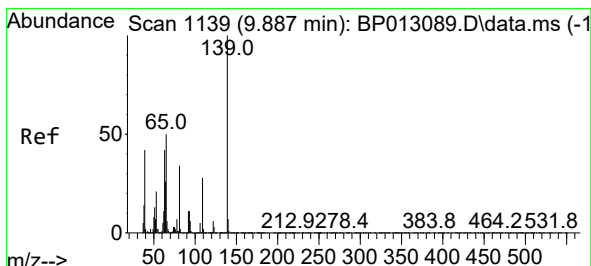
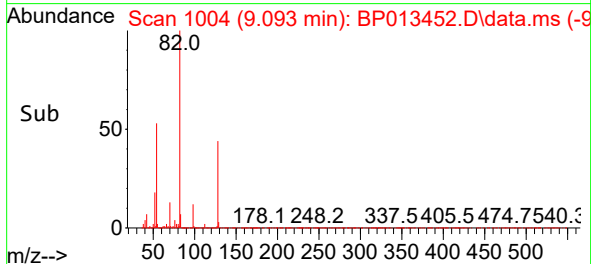
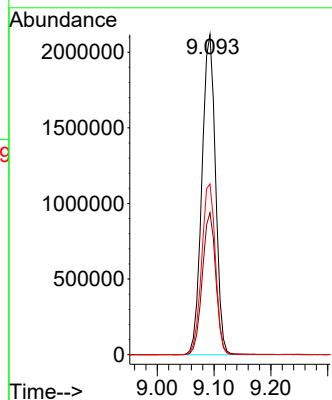
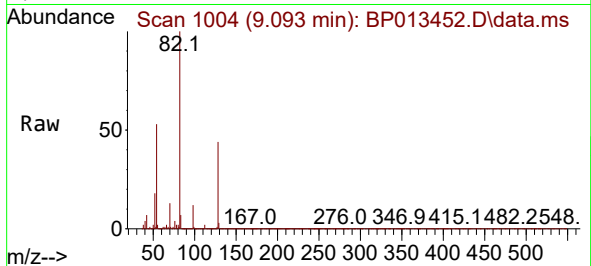




#23
Nitrobenzene-d5
Concen: 79.454 ng
RT: 9.093 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BP013452.D
Acq: 11 Jan 2023 19:54

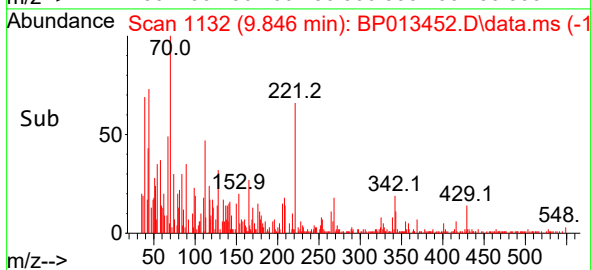
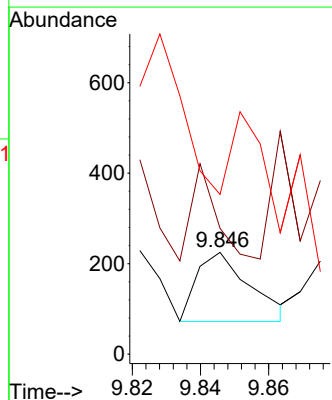
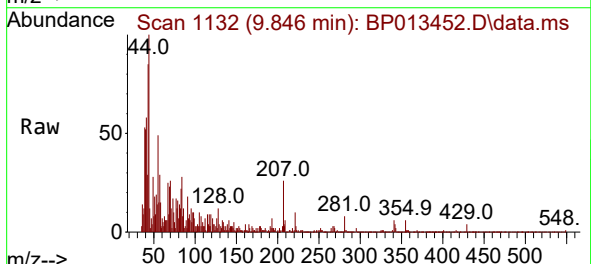
Instrument :
BNA_P
ClientSampleId :
MH-2

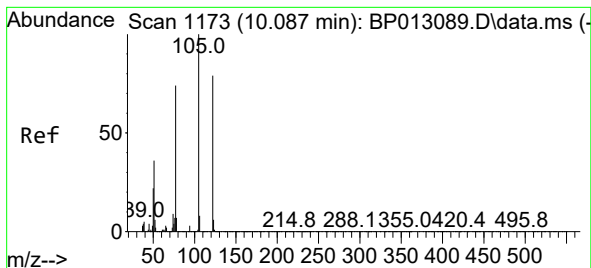
Tgt Ion: 82 Resp: 3517787
Ion Ratio Lower Upper
82 100
128 44.3 35.9 53.9
54 53.4 40.4 60.6



#26
2-Nitrophenol
Concen: 2.796 ng
RT: 9.846 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BP013452.D
Acq: 11 Jan 2023 19:54

Tgt Ion:139 Resp: 165
Ion Ratio Lower Upper
139 100
109 123.6 22.5 33.7#
65 156.9 39.9 59.9#





#32

Benzoic acid

Concen: 4.421 ng

RT: 9.981 min Scan# 1173

Delta R.T. -0.047 min

Lab File: BP013452.D

Acq: 11 Jan 2023 19:54

Instrument :

BNA_P

ClientSampleId :

MH-2

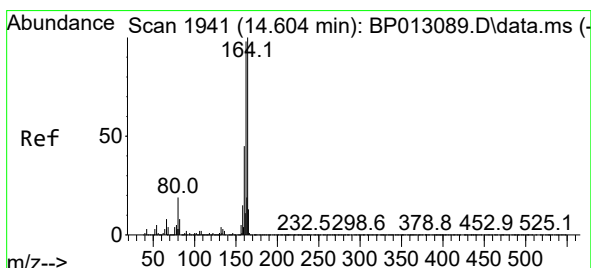
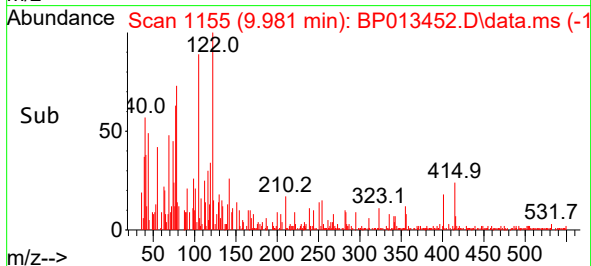
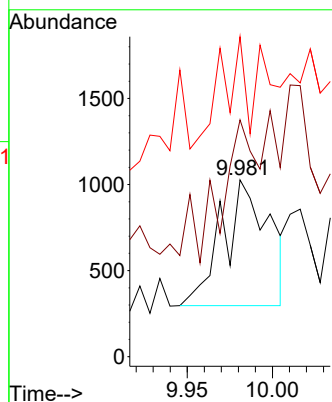
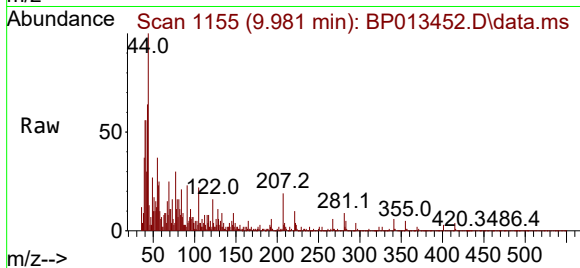
Tgt Ion:122 Resp: 1388

Ion Ratio Lower Upper

122 100

105 134.0 101.9 141.9

77 181.0 71.7 111.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BP013452.D

Acq: 11 Jan 2023 19:54

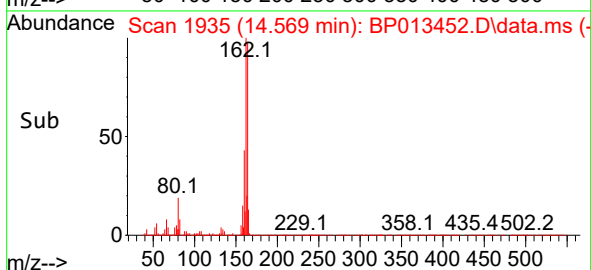
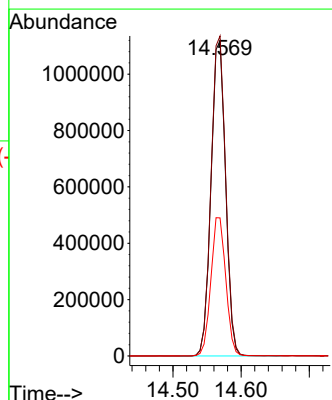
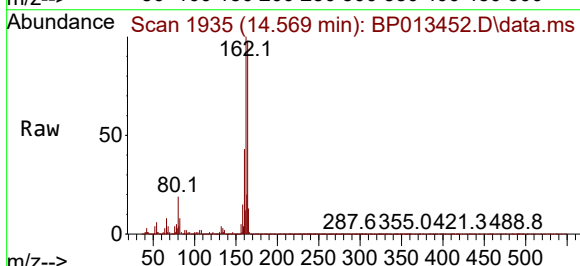
Tgt Ion:164 Resp: 1655938

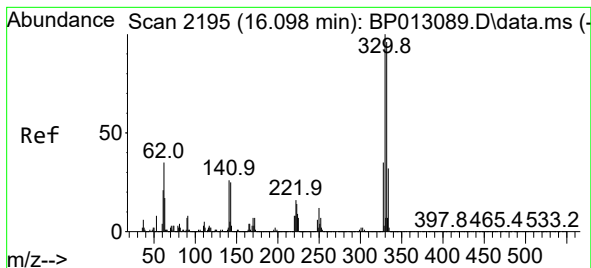
Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

160 43.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 179.173 ng

RT: 16.063 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BP013452.D

Acq: 11 Jan 2023 19:54

Instrument :

BNA_P

ClientSampleId :

MH-2

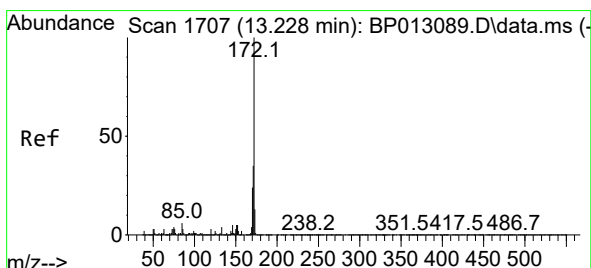
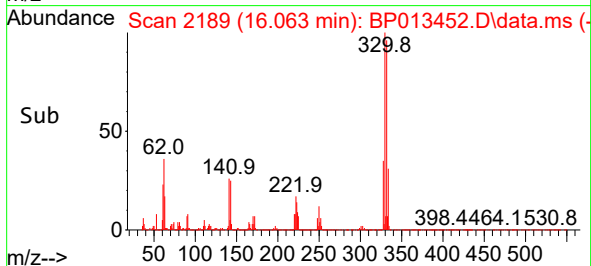
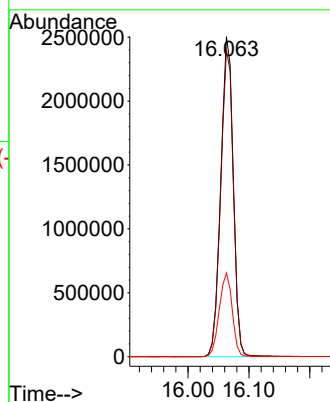
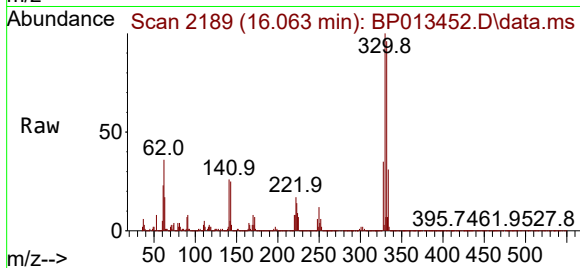
Tgt Ion:330 Resp: 3577265

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 26.8 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 70.239 ng

RT: 13.187 min Scan# 1700

Delta R.T. 0.006 min

Lab File: BP013452.D

Acq: 11 Jan 2023 19:54

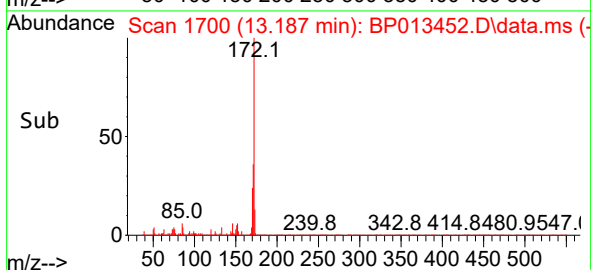
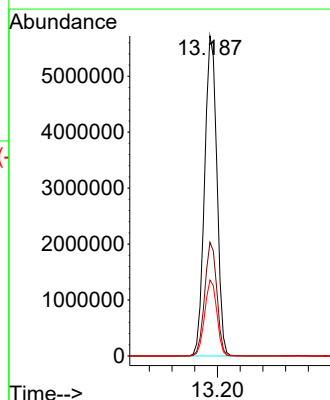
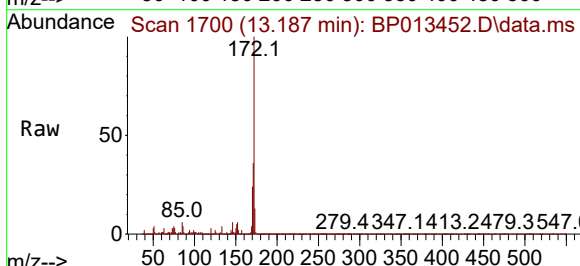
Tgt Ion:172 Resp: 8566241

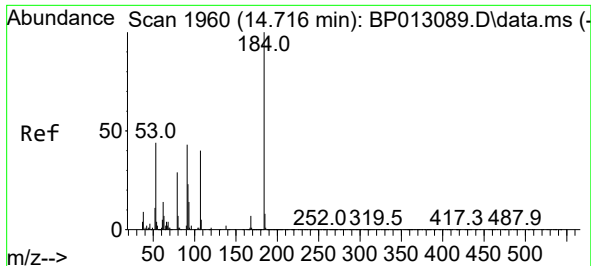
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.2 28.8

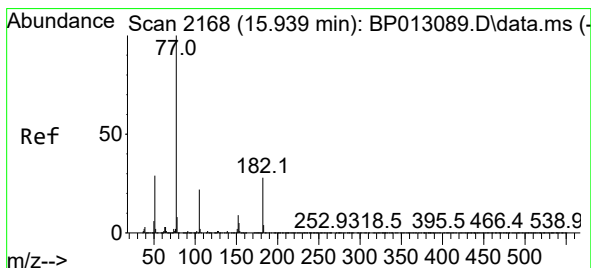
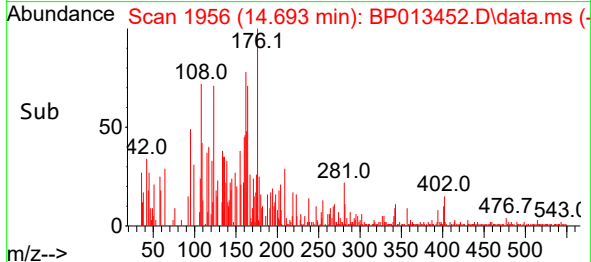
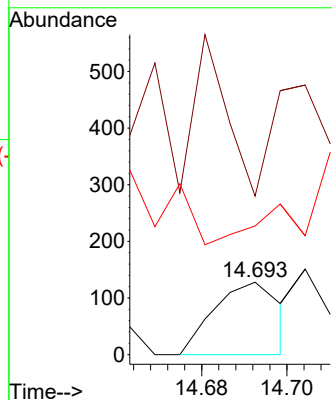
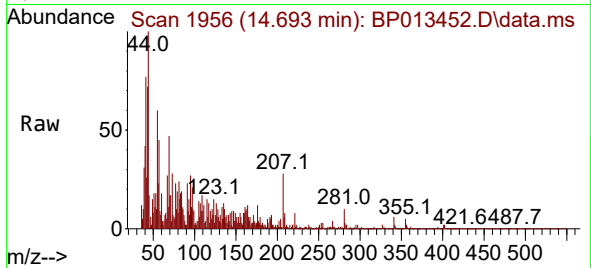




#54
2,4-Dinitrophenol
Concen: 3.605 ng
RT: 14.693 min Scan# 1956
Delta R.T. 0.012 min
Lab File: BP013452.D
Acq: 11 Jan 2023 19:54

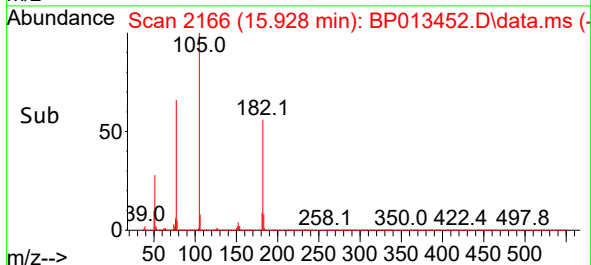
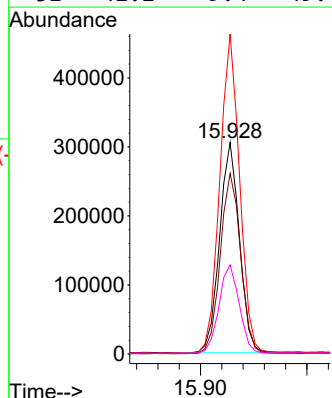
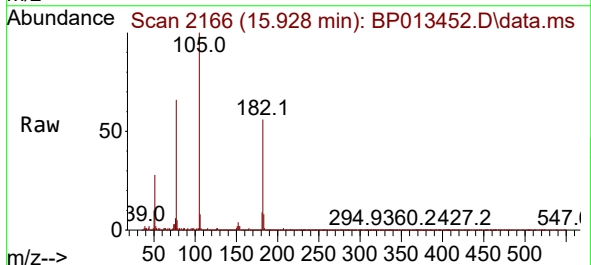
Instrument :
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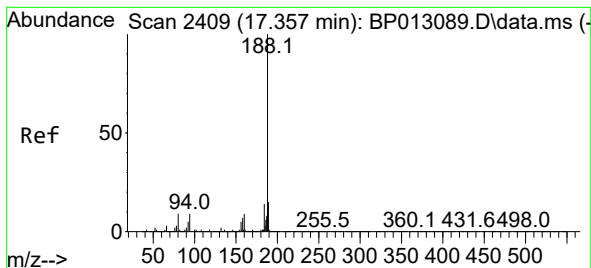
Tgt Ion:184 Resp: 138
Ion Ratio Lower Upper
184 100
63 218.8 47.6 71.4#
154 177.3 45.5 68.3#



#63
Azobenzene
Concen: 3.808 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.030 min
Lab File: BP013452.D
Acq: 11 Jan 2023 19:54

Tgt Ion: 77 Resp: 394024
Ion Ratio Lower Upper
77 100
182 85.4 8.3 48.3#
105 151.3 1.6 41.6#
51 42.2 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 2404

Delta R.T. 0.012 min

Lab File: BP013452.D

Acq: 11 Jan 2023 19:54

Instrument :

BNA_P

ClientSampleId :

MH-2

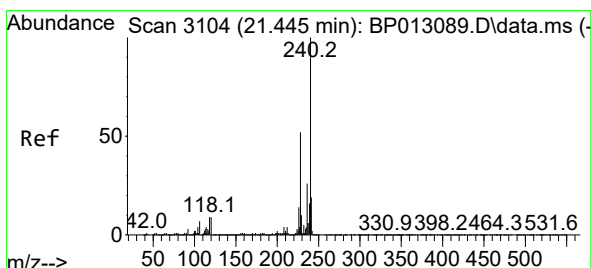
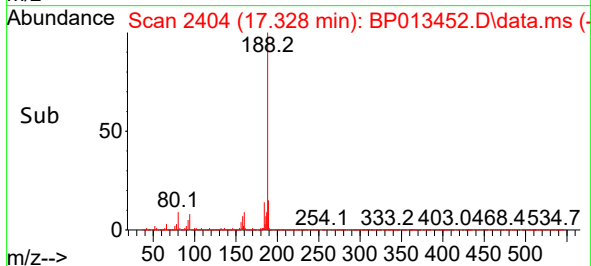
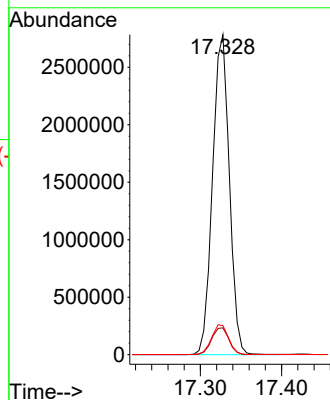
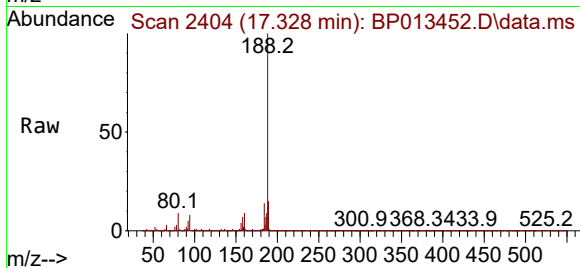
Tgt Ion:188 Resp: 3995070

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.1 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BP013452.D

Acq: 11 Jan 2023 19:54

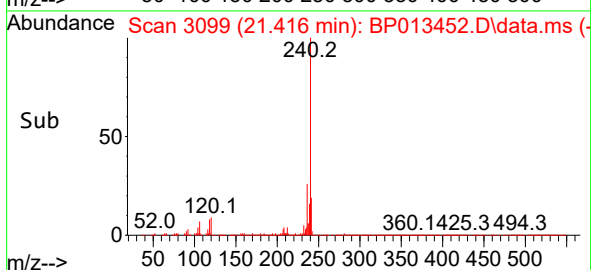
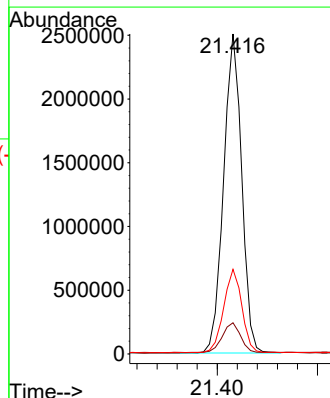
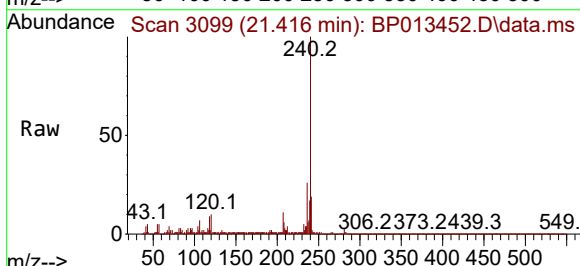
Tgt Ion:240 Resp: 3129424

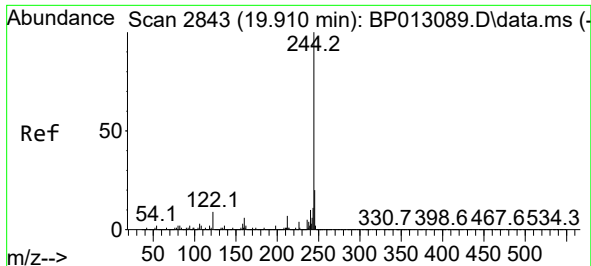
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.2

236 26.5 21.0 31.4

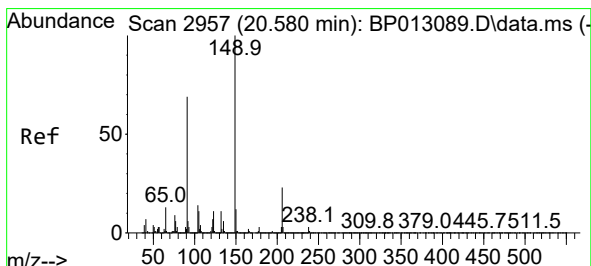
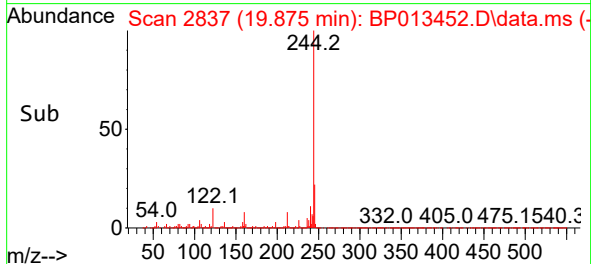
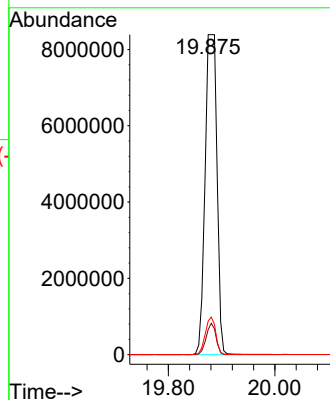
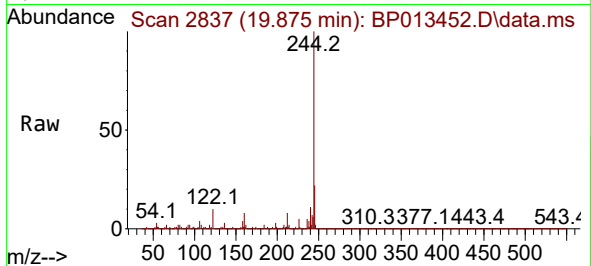




#79
 Terphenyl-d14
 Concen: 82.169 ng
 RT: 19.875 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP013452.D
 Acq: 11 Jan 2023 19:54

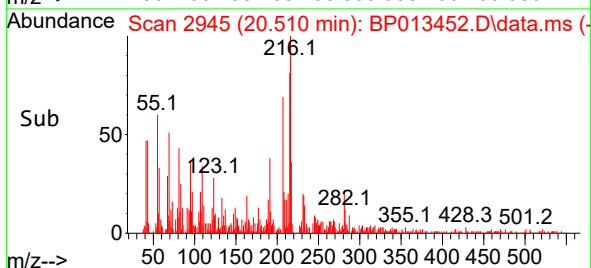
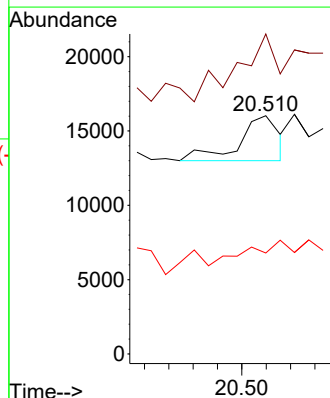
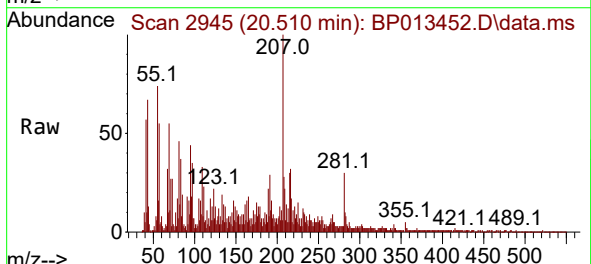
Instrument :
 BNA_P
 ClientSampleId :
 MH-2

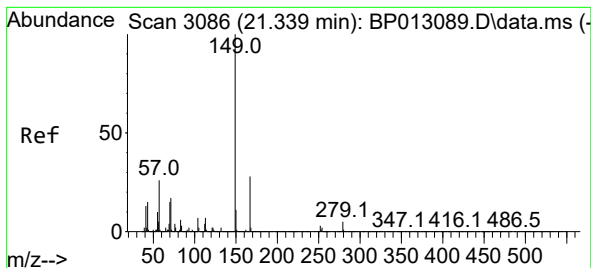
Tgt Ion:244 Resp:13033813
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.5 8.3
 122 10.5 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 2.134 ng
 RT: 20.510 min Scan# 2945
 Delta R.T. -0.035 min
 Lab File: BP013452.D
 Acq: 11 Jan 2023 19:54

Tgt Ion:149 Resp: 3457
 Ion Ratio Lower Upper
 149 100
 91 134.3 55.2 82.8#
 206 42.4 18.3 27.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.270 ng

RT: 21.304 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BP013452.D

Acq: 11 Jan 2023 19:54

Instrument :

BNA_P

ClientSampleId :

MH-2

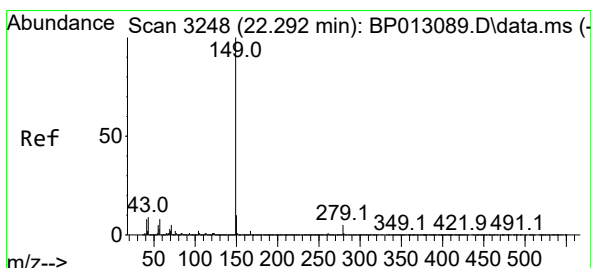
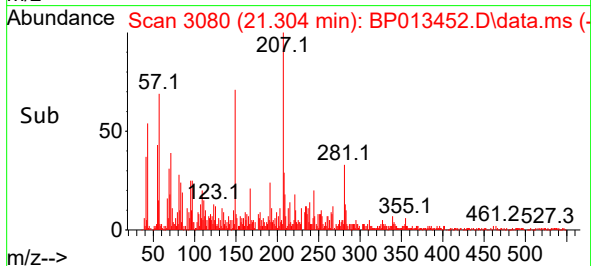
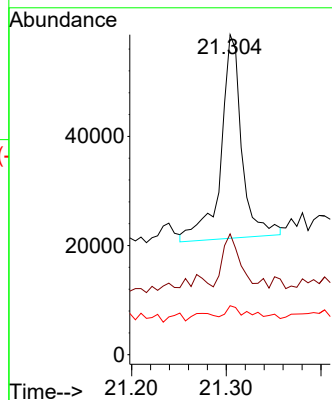
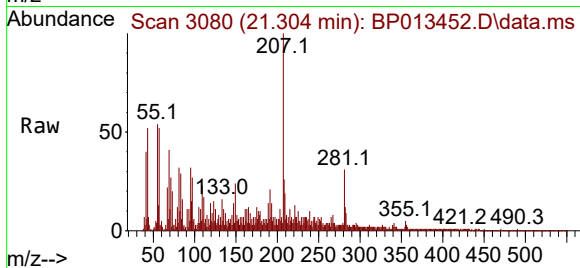
Tgt Ion:149 Resp: 57529

Ion Ratio Lower Upper

149 100

167 37.7 22.6 34.0#

279 15.3 3.8 5.6#



#85

Di-n-octyl phthalate

Concen: 2.296 ng

RT: 22.251 min Scan# 3241

Delta R.T. 0.006 min

Lab File: BP013452.D

Acq: 11 Jan 2023 19:54

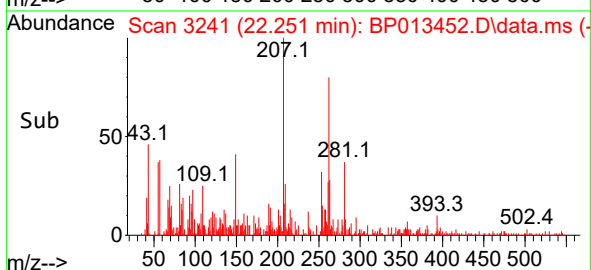
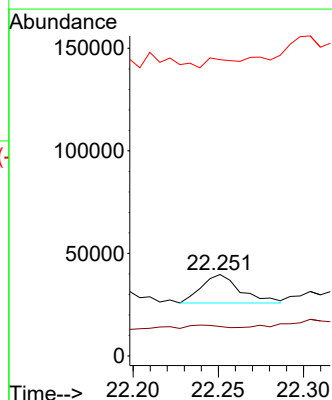
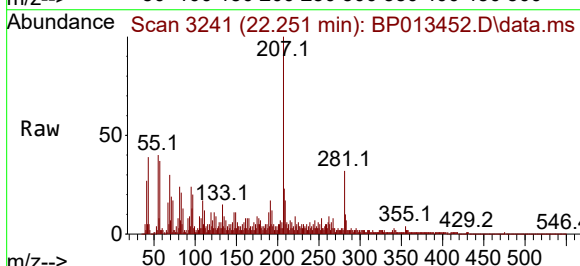
Tgt Ion:149 Resp: 22156

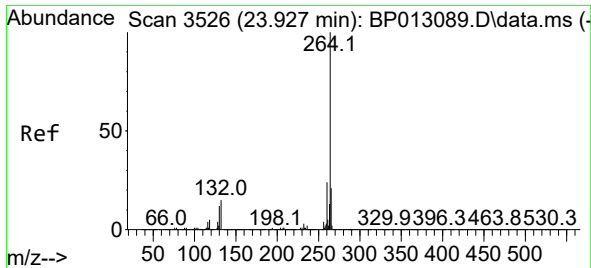
Ion Ratio Lower Upper

149 100

167 17.6 1.3 1.9#

43 24.8 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.886 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BP013452.D
 Acq: 11 Jan 2023 19:54

Instrument :
 BNA_P
 ClientSampleId :
 MH-2

Tgt Ion:264 Resp: 3236509
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 23.0 17.7 26.5

