

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013450.D
 Acq On : 11 Jan 2023 18:46
 Operator : CG/JU
 Sample : 01106-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-3

Quant Time: Jan 12 02:19:51 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)

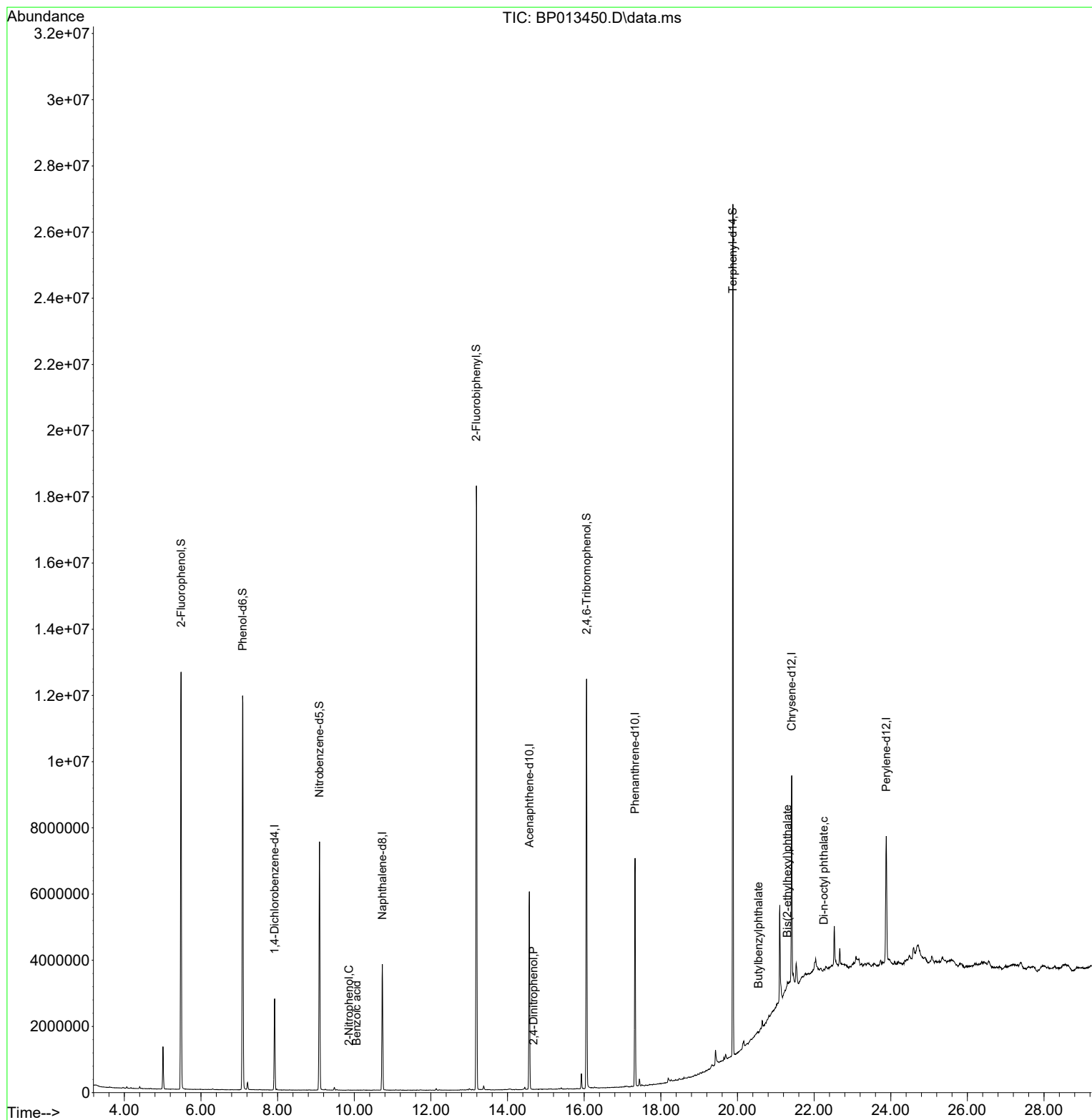
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	740965	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	3070421	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1976230	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	4208996	20.000	ng	0.01
76) Chrysene-d12	21.416	240	2970824	20.000	ng	0.00
86) Perylene-d12	23.880	264	3125999	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	5382883	132.736	ng	0.01
7) Phenol-d6	7.087	99	6855609	129.449	ng	0.01
23) Nitrobenzene-d5	9.093	82	4111320	73.408	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	2567622	107.760	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	9587309	65.870	ng	0.00
79) Terphenyl-d14	19.880	244	11747731	78.015	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.863	139	154	2.795	ng	# 1
32) Benzoic acid	10.063	122	238	4.381	ng	# 1
54) 2,4-Dinitrophenol	14.675	184	144	3.604	ng	# 23
80) Butylbenzylphthalate	20.551	149	1377	2.110	ng	# 70
84) Bis(2-ethylhexyl)phtha...	21.304	149	50476	3.233	ng	# 89
85) Di-n-octyl phthalate	22.251	149	25353	2.323	ng	# 82

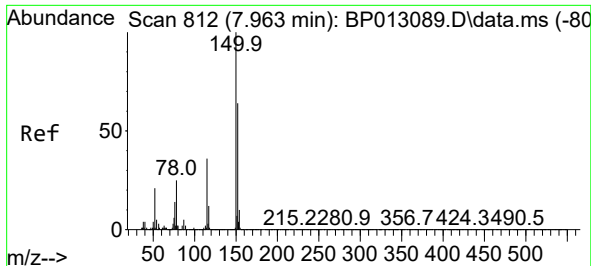
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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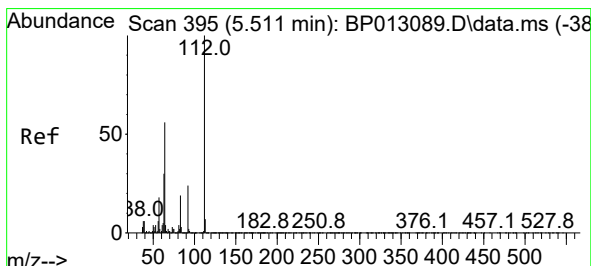
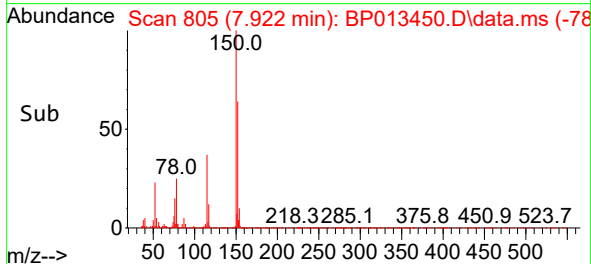
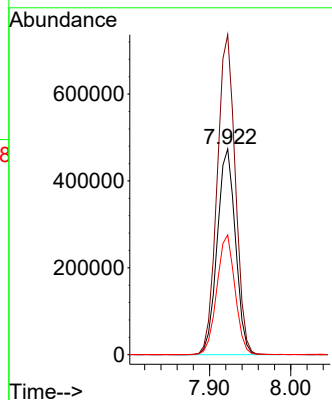
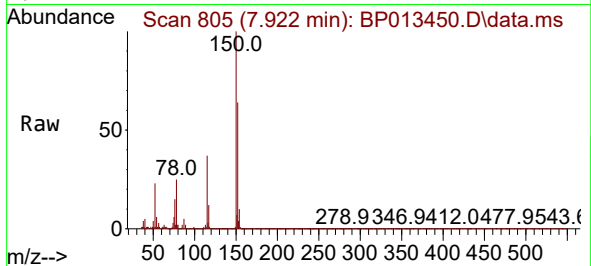




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

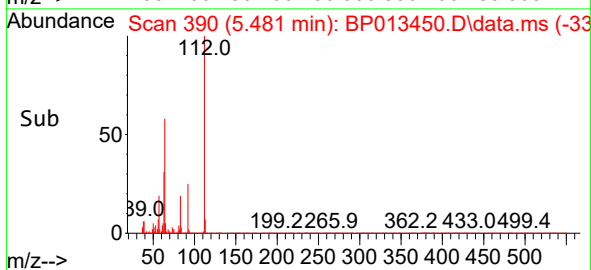
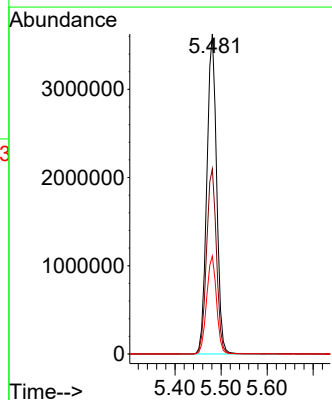
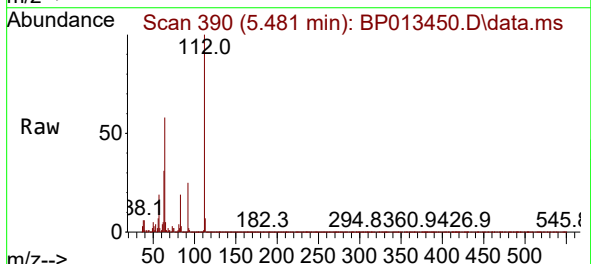
Instrument :
BNA_P
ClientSampleId :
MH-3

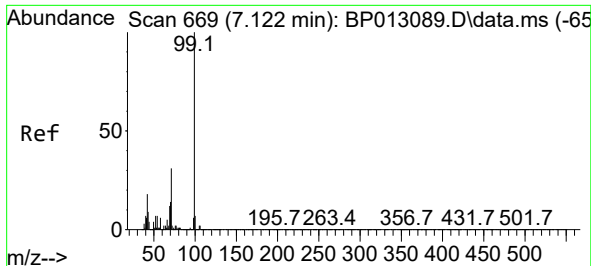
Tgt Ion:152 Resp: 740965
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 58.3 45.6 68.4



#5
2-Fluorophenol
Concen: 132.736 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

Tgt Ion:112 Resp: 5382883
Ion Ratio Lower Upper
112 100
64 57.9 45.1 67.7
63 30.6 23.8 35.6

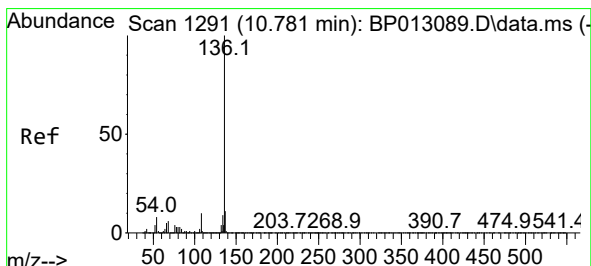
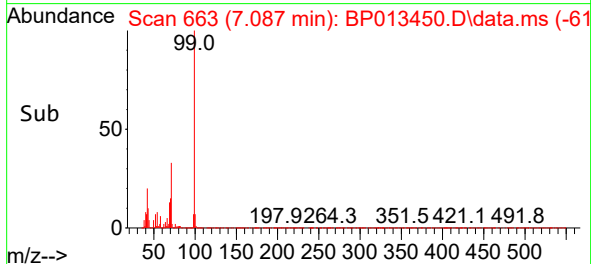
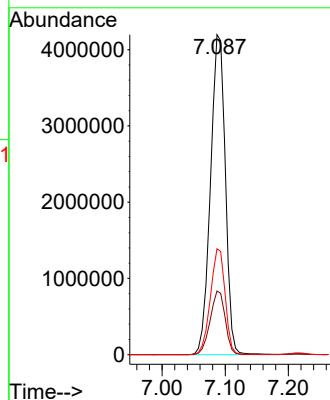
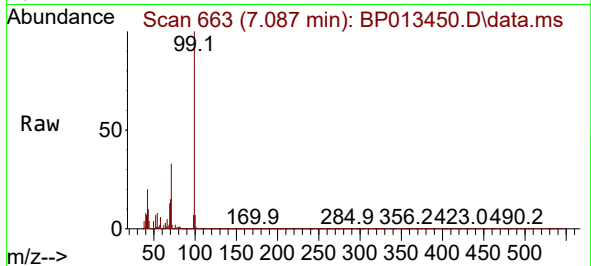




#7
Phenol-d6
Concen: 129.449 ng
RT: 7.087 min Scan# 609
Delta R.T. 0.012 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

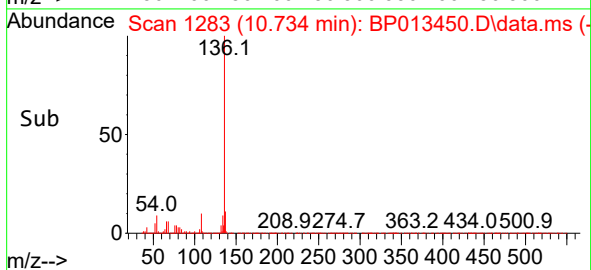
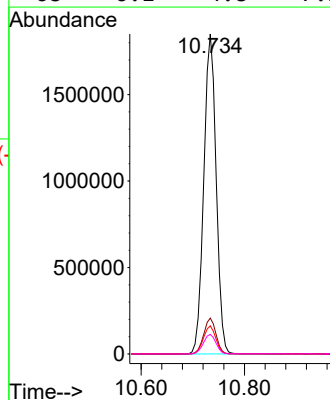
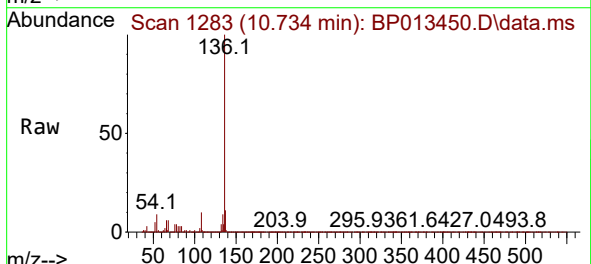
Instrument :
BNA_P
ClientSampleId :
MH-3

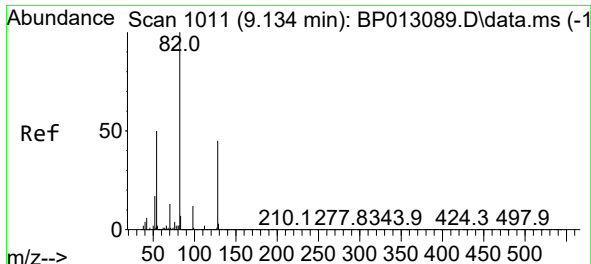
Tgt Ion: 99 Resp: 6855609
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 33.1 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

Tgt Ion: 136 Resp: 3070421
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.8 6.2 9.4
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 73.408 ng

RT: 9.093 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BP013450.D

Acq: 11 Jan 2023 18:46

Instrument :

BNA_P

ClientSampleId :

MH-3

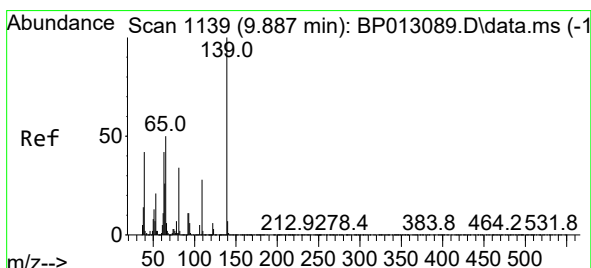
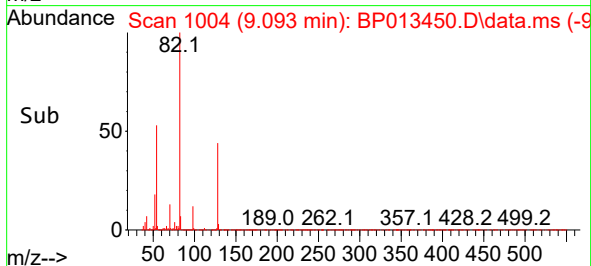
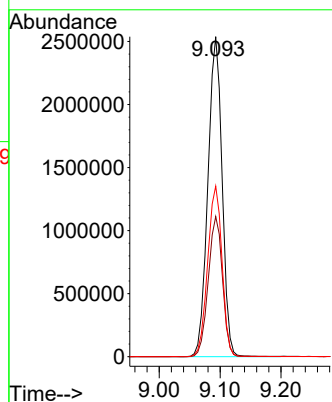
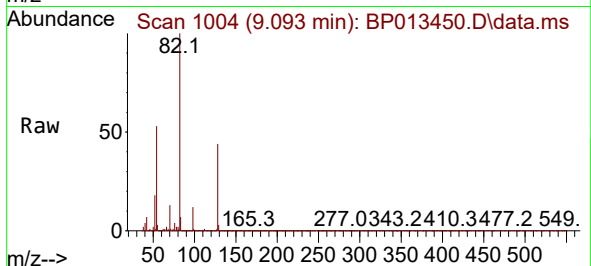
Tgt Ion: 82 Resp: 4111320

Ion Ratio Lower Upper

82 100

128 43.8 35.9 53.9

54 53.3 40.4 60.6



#26

2-Nitrophenol

Concen: 2.795 ng

RT: 9.863 min Scan# 1135

Delta R.T. 0.024 min

Lab File: BP013450.D

Acq: 11 Jan 2023 18:46

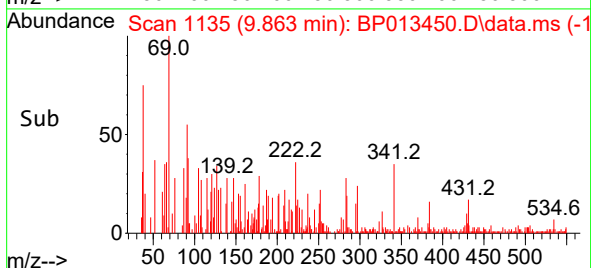
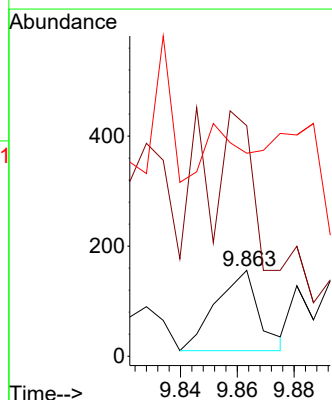
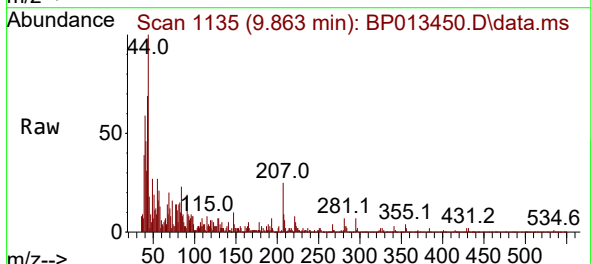
Tgt Ion:139 Resp: 154

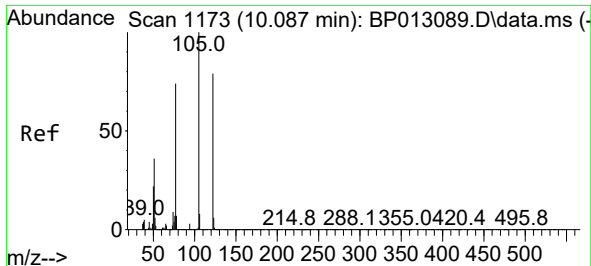
Ion Ratio Lower Upper

139 100

109 268.6 22.5 33.7#

65 236.5 39.9 59.9#

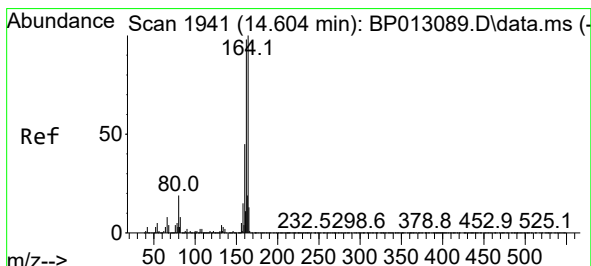
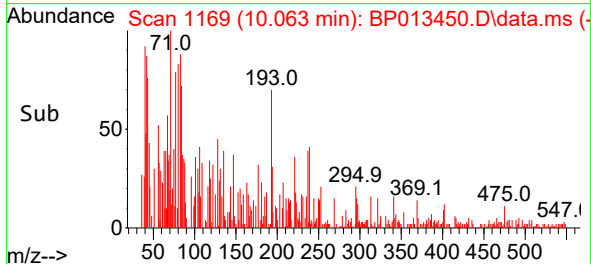
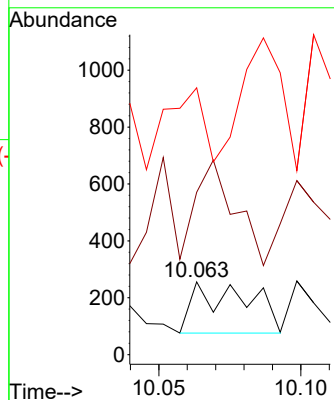
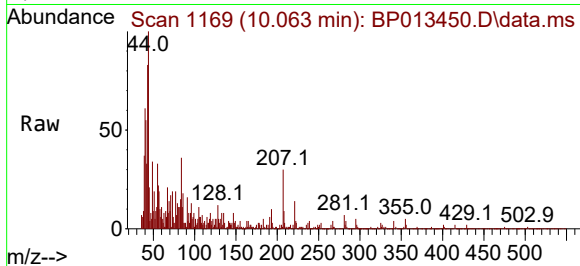




#32
Benzoic acid
Concen: 4.381 ng
RT: 10.063 min Scan# 1169
Delta R.T. 0.035 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

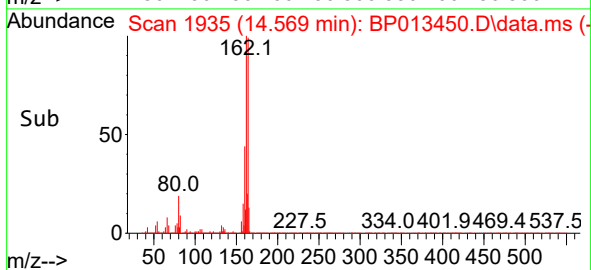
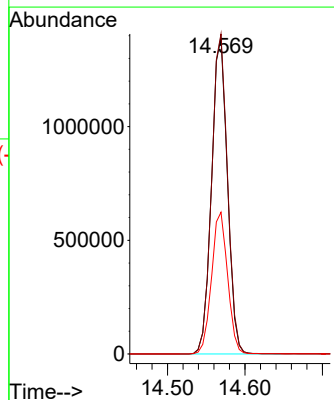
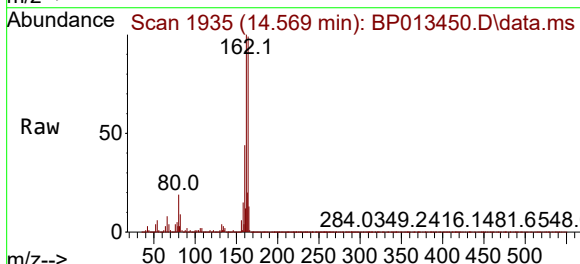
Instrument :
BNA_P
ClientSampleId :
MH-3

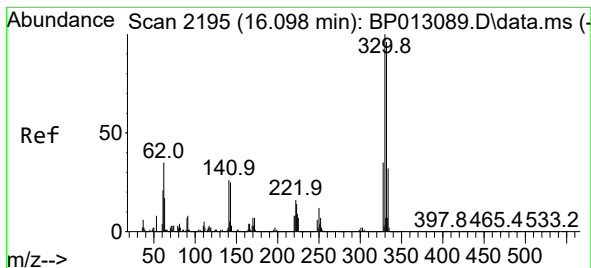
Tgt Ion:122 Resp: 238
Ion Ratio Lower Upper
122 100
105 223.0 101.9 141.9#
77 366.4 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

Tgt Ion:164 Resp: 1976230
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 44.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 107.760 ng

RT: 16.063 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BP013450.D

Acq: 11 Jan 2023 18:46

Instrument :

BNA_P

ClientSampleId :

MH-3

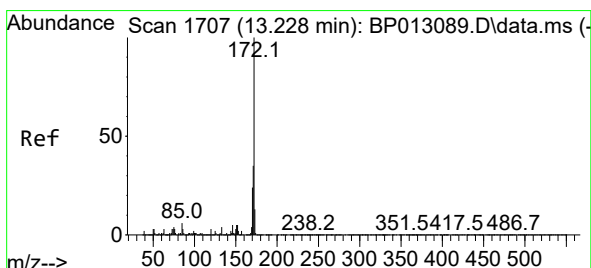
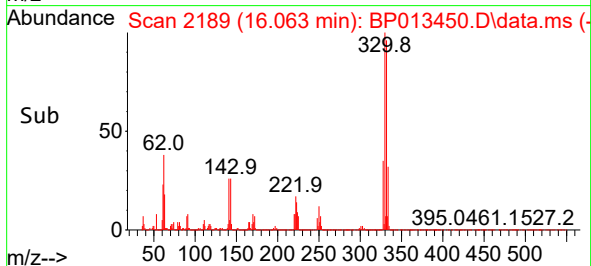
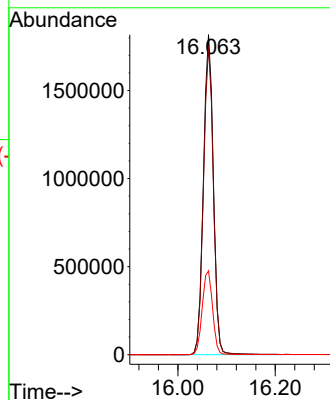
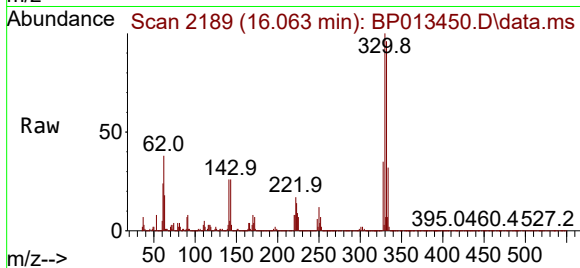
Tgt Ion:330 Resp: 2567622

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

141 27.3 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 65.870 ng

RT: 13.187 min Scan# 1700

Delta R.T. 0.006 min

Lab File: BP013450.D

Acq: 11 Jan 2023 18:46

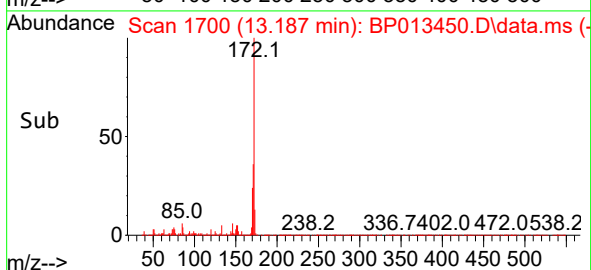
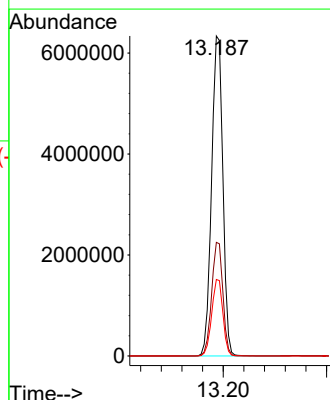
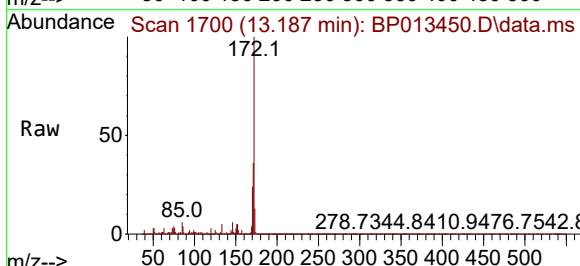
Tgt Ion:172 Resp: 9587309

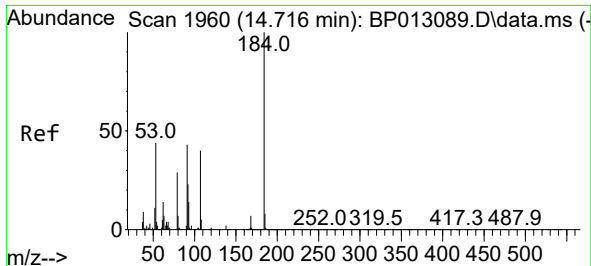
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.9 19.2 28.8

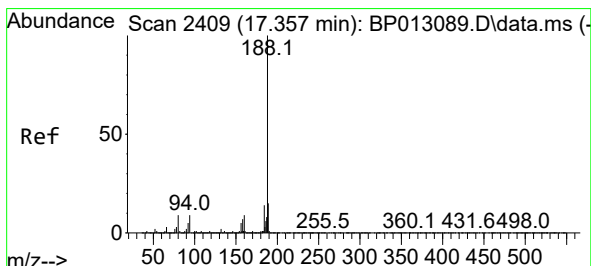
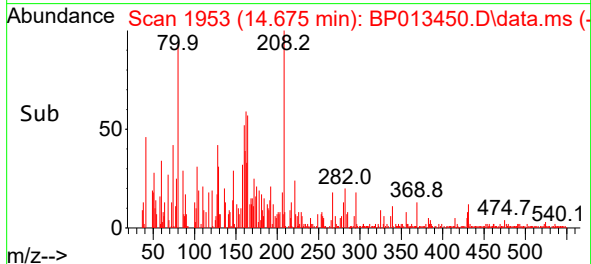
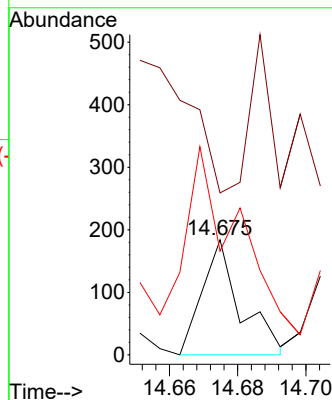
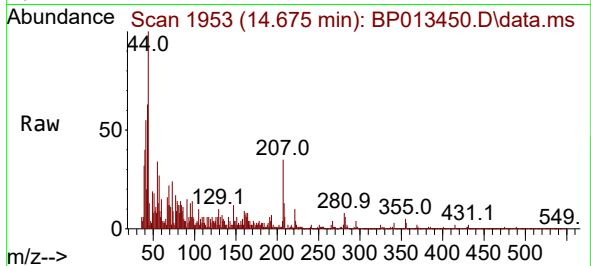




#54
2,4-Dinitrophenol
Concen: 3.604 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

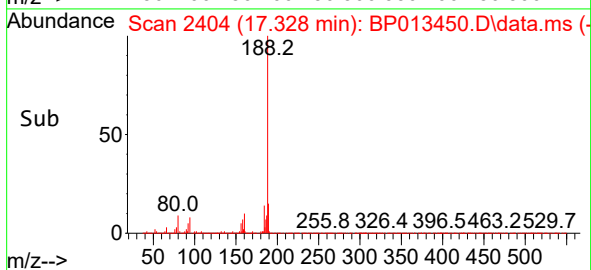
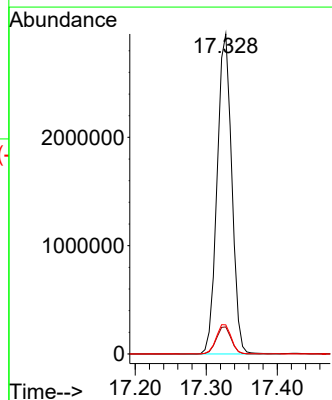
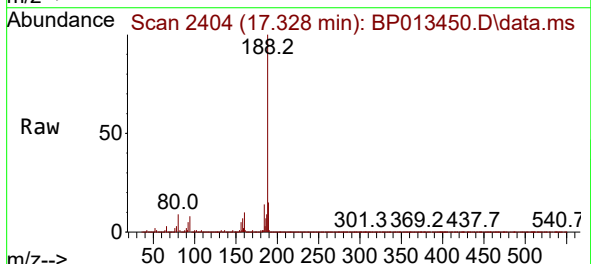
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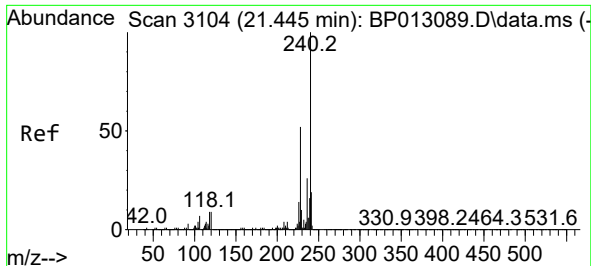
Tgt Ion:184 Resp: 144
Ion Ratio Lower Upper
184 100
63 140.8 47.6 71.4#
154 90.2 45.5 68.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2404
Delta R.T. 0.012 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

Tgt Ion:188 Resp: 4208996
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.1 7.5 11.3

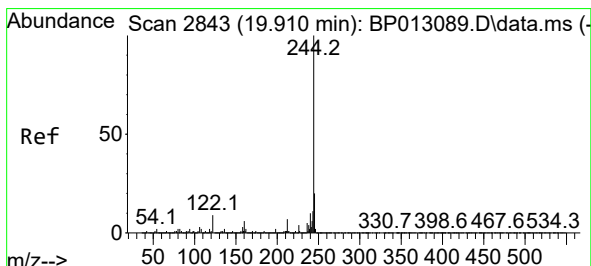
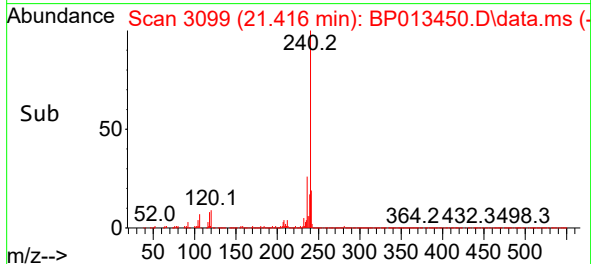
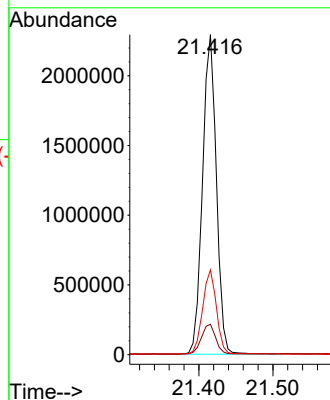
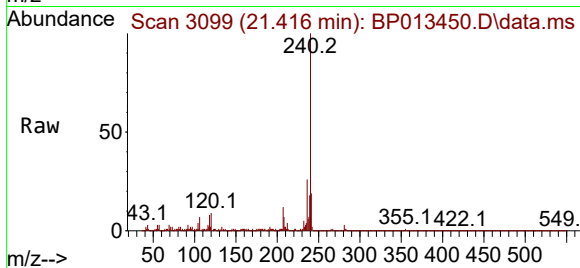




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

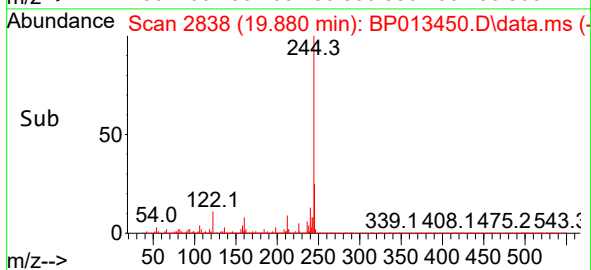
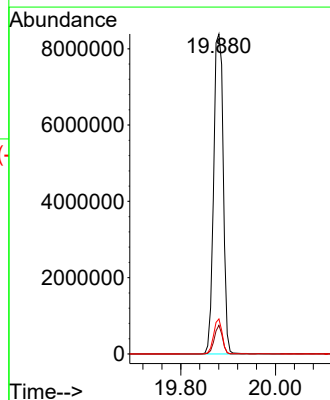
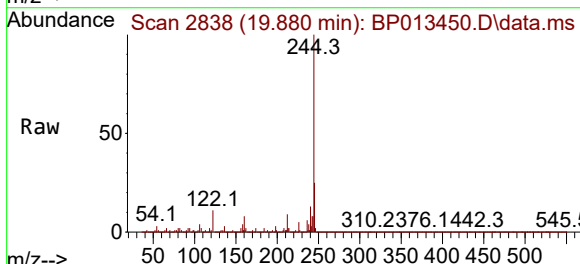
Instrument :
BNA_P
ClientSampleId :
MH-3

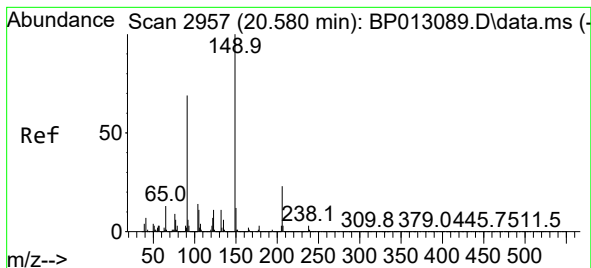
Tgt Ion:240 Resp: 2970824
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.2
236 26.5 21.0 31.4



#79
Terphenyl-d14
Concen: 78.015 ng
RT: 19.880 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BP013450.D
Acq: 11 Jan 2023 18:46

Tgt Ion:244 Resp:11747731
Ion Ratio Lower Upper
244 100
212 9.0 5.5 8.3#
122 11.0 7.2 10.8#





#80

Butylbenzylphthalate

Concen: 2.110 ng

RT: 20.551 min Scan# 2952

Delta R.T. 0.006 min

Lab File: BP013450.D

Acq: 11 Jan 2023 18:46

Instrument :

BNA_P

ClientSampleId :

MH-3

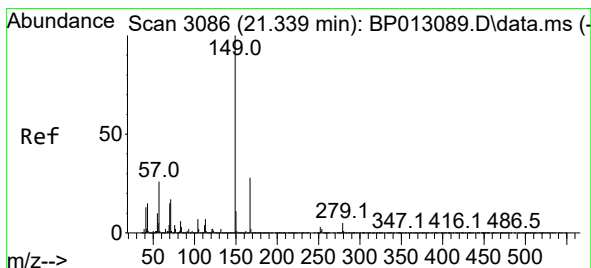
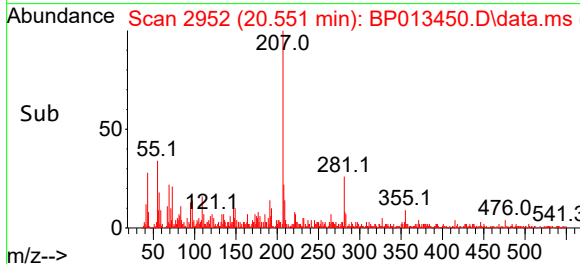
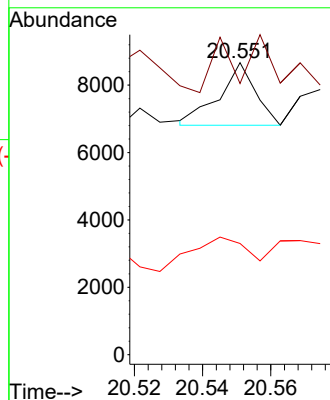
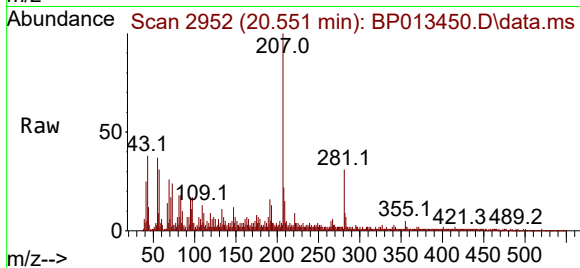
Tgt Ion:149 Resp: 1377

Ion Ratio Lower Upper

149 100

91 92.9 55.2 82.8#

206 38.1 18.3 27.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.233 ng

RT: 21.304 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BP013450.D

Acq: 11 Jan 2023 18:46

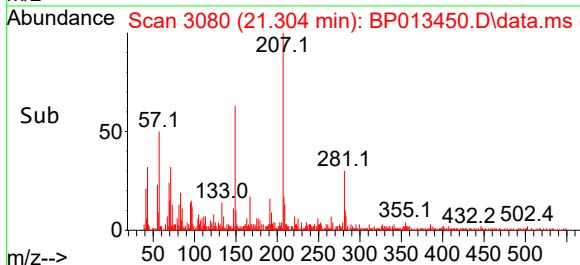
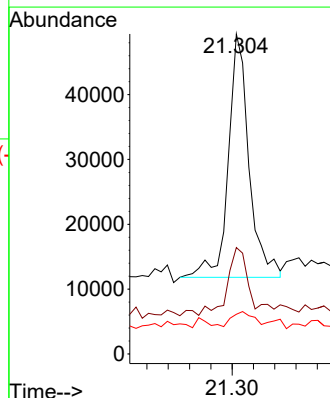
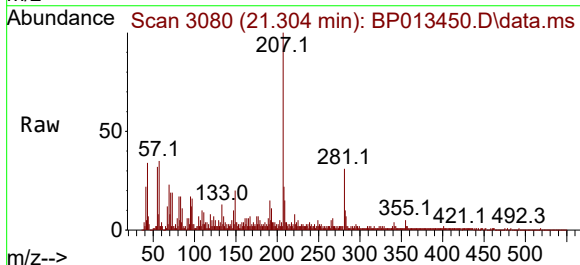
Tgt Ion:149 Resp: 50476

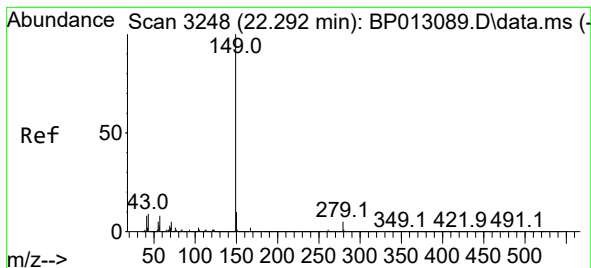
Ion Ratio Lower Upper

149 100

167 33.3 22.6 34.0

279 12.4 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 2.323 ng

RT: 22.251 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013450.D

Acq: 11 Jan 2023 18:46

Instrument :

BNA_P

ClientSampleId :

MH-3

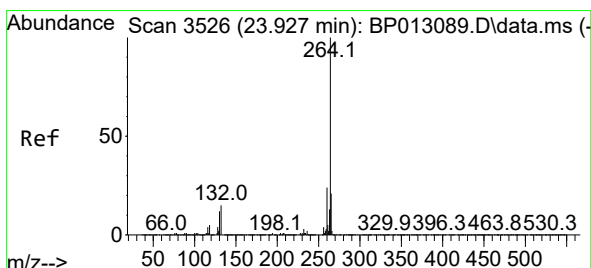
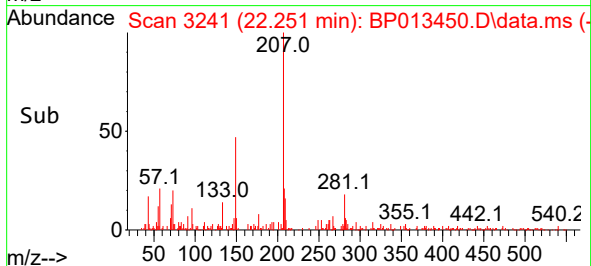
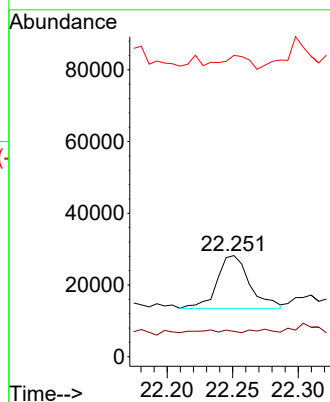
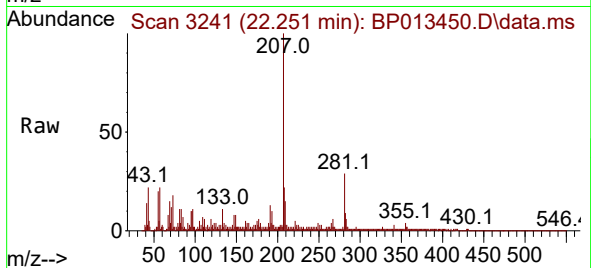
Tgt Ion:149 Resp: 25353

Ion Ratio Lower Upper

149 100

167 4.7 1.3 1.9#

43 17.1 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.880 min Scan# 3518

Delta R.T. 0.012 min

Lab File: BP013450.D

Acq: 11 Jan 2023 18:46

Tgt Ion:264 Resp: 3125999

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.9 17.7 26.5

