

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013446.D
 Acq On : 11 Jan 2023 16:29
 Operator : CG/JU
 Sample : 01064-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-13-01

Quant Time: Jan 12 02:18:45 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)

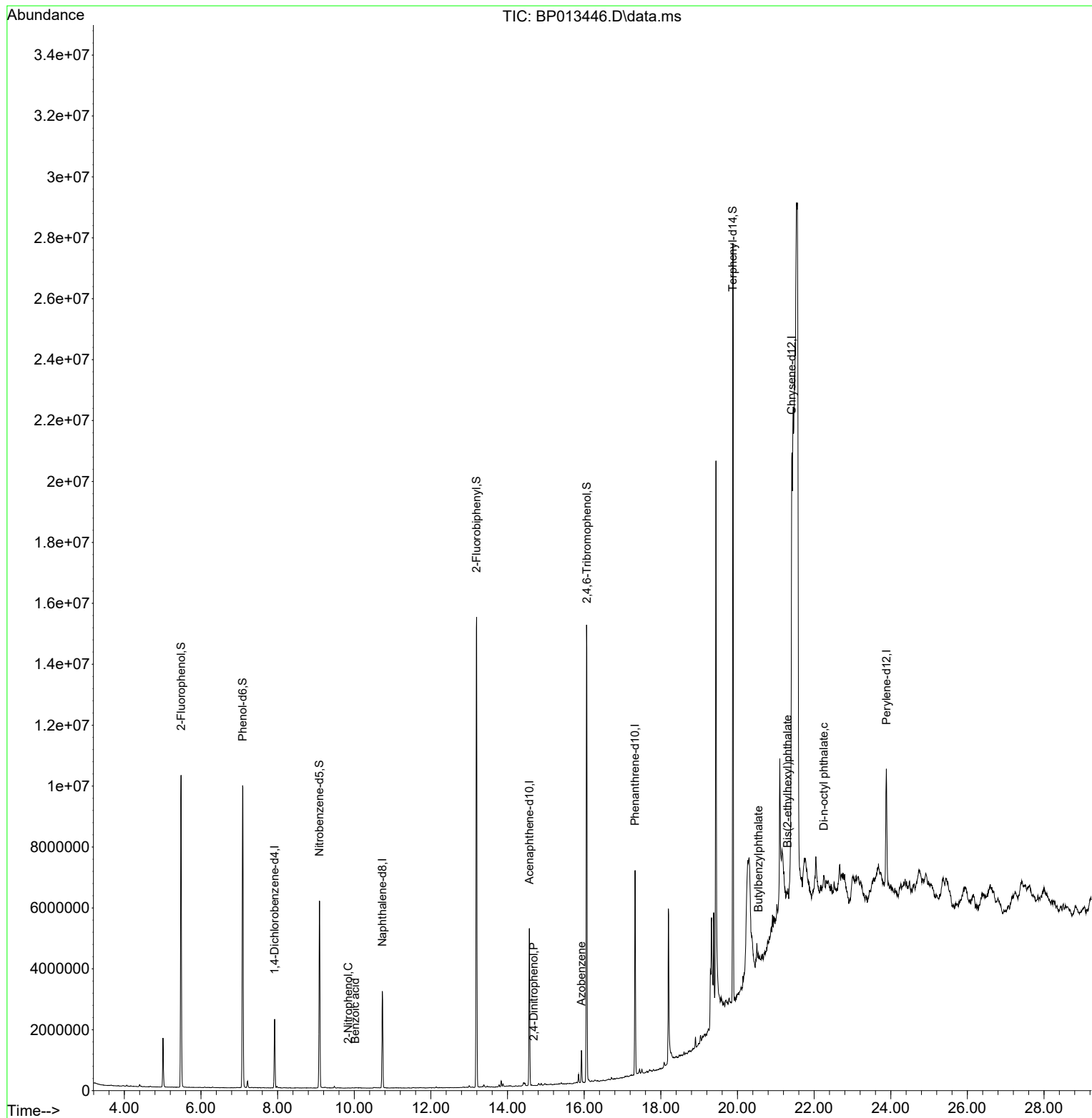
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	601409	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2562121	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1727978	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	4024661	20.000	ng	0.01
76) Chrysene-d12	21.416	240	2979359	20.000	ng	0.00
86) Perylene-d12	23.886	264	3165271	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4406236	133.865	ng	0.01
7) Phenol-d6	7.087	99	5683385	132.217	ng	0.01
23) Nitrobenzene-d5	9.093	82	3351626	71.716	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	3191462	153.185	ng	0.01
45) 2-Fluorobiphenyl	13.193	172	8167238	64.175	ng	0.01
79) Terphenyl-d14	19.881	244	11643267	77.100	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.846	139	221	2.798	ng	# 1
32) Benzoic acid	10.022	122	498	4.391	ng	# 48
54) 2,4-Dinitrophenol	14.681	184	259	3.612	ng	# 1
63) Azobenzene	15.928	77	287203	2.660	ng	# 1
80) Butylbenzylphthalate	20.551	149	8611	2.200	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.310	149	58322	3.301	ng	# 77
85) Di-n-octyl phthalate	22.251	149	47847	2.460	ng	# 11

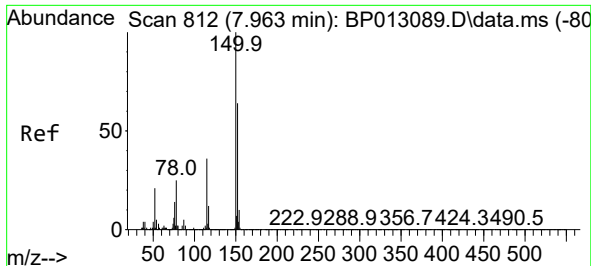
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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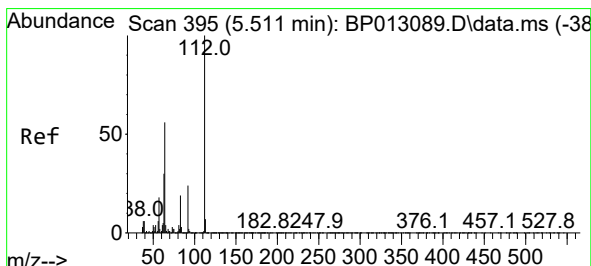
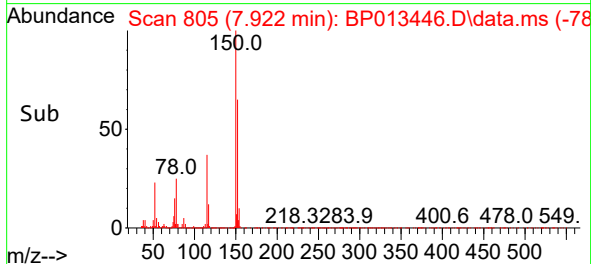
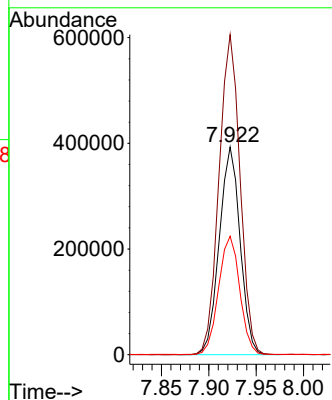
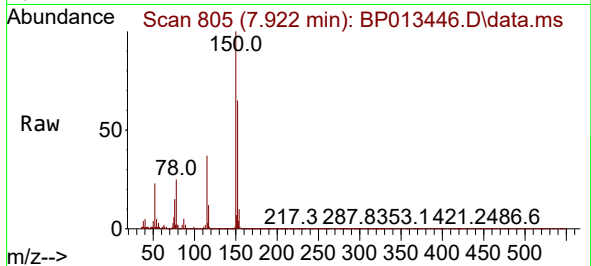




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013446.D
Acq: 11 Jan 2023 16:29

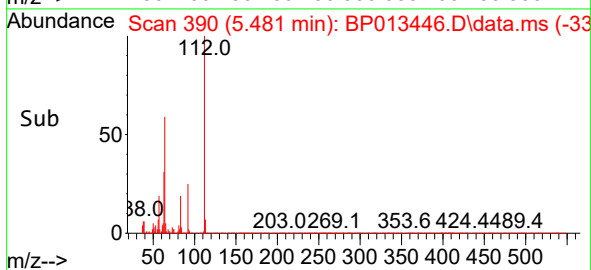
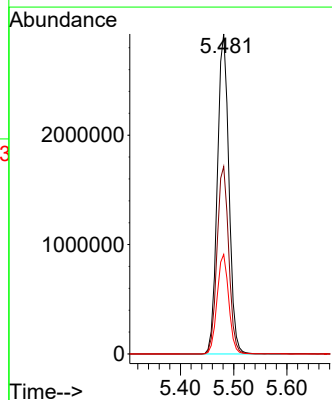
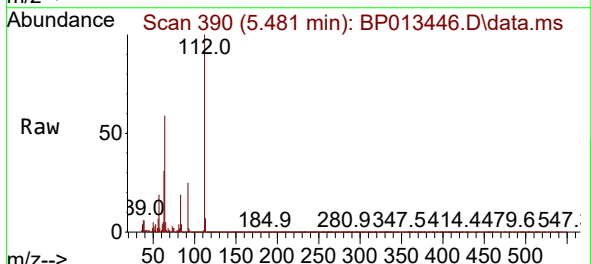
Instrument :
BNA_P
ClientSampleId :
S-13-01

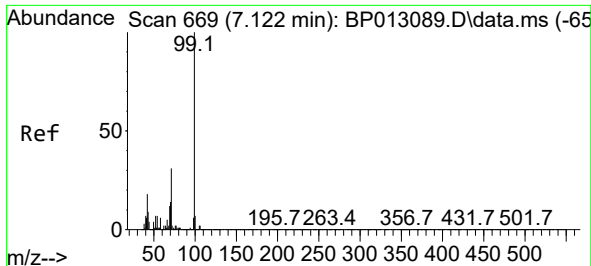
Tgt Ion:152 Resp: 601409
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 57.0 45.6 68.4



#5
2-Fluorophenol
Concen: 133.865 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013446.D
Acq: 11 Jan 2023 16:29

Tgt Ion:112 Resp: 4406236
Ion Ratio Lower Upper
112 100
64 58.5 45.1 67.7
63 31.1 23.8 35.6

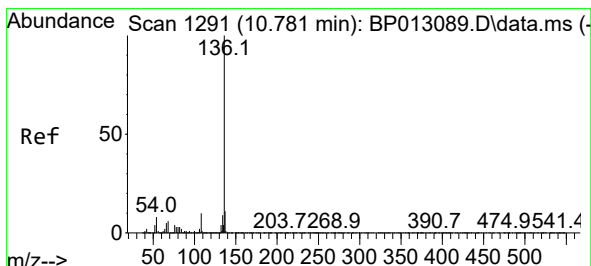
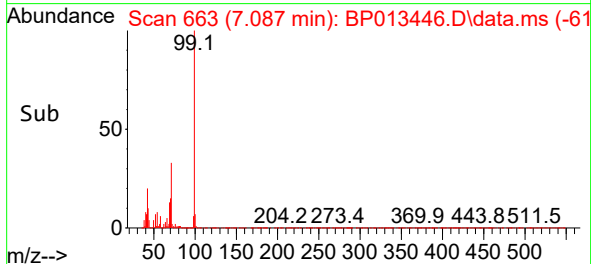
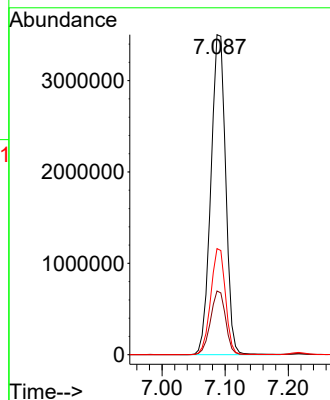
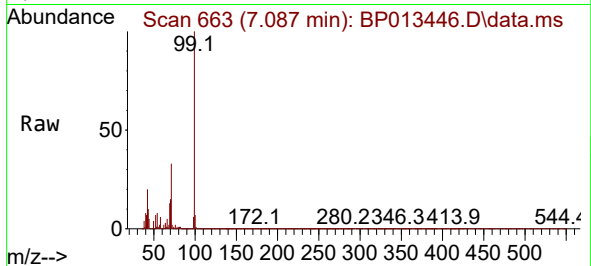




#7
Phenol-d6
Concen: 132.217 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP013446.D
Acq: 11 Jan 2023 16:29

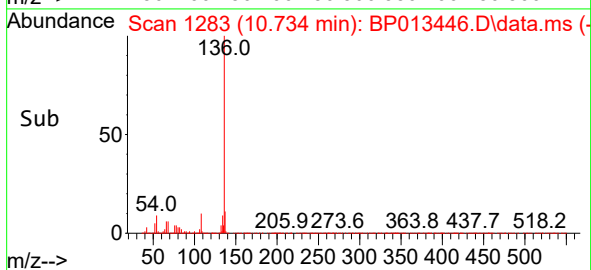
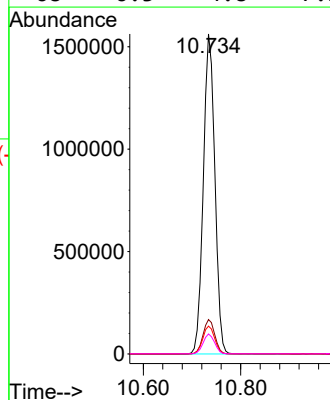
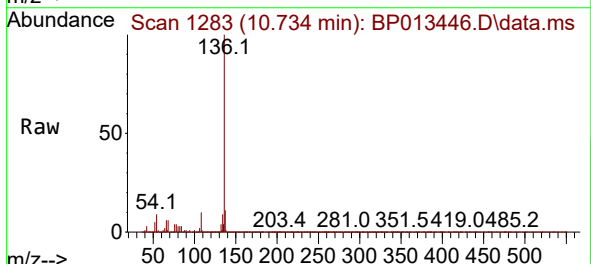
Instrument :
BNA_P
ClientSampleId :
S-13-01

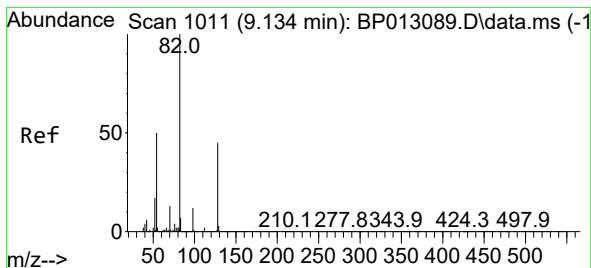
Tgt Ion: 99 Resp: 5683385
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 33.1 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP013446.D
Acq: 11 Jan 2023 16:29

Tgt Ion:136 Resp: 2562121
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.7 6.2 9.4
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 71.716 ng

RT: 9.093 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

Instrument :

BNA_P

ClientSampleId :

S-13-01

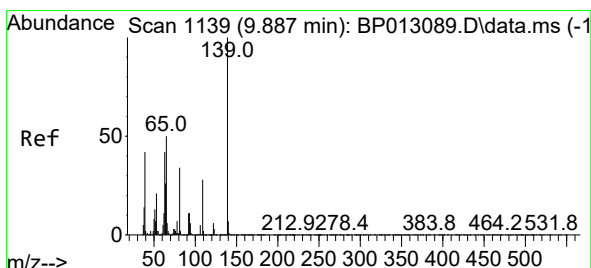
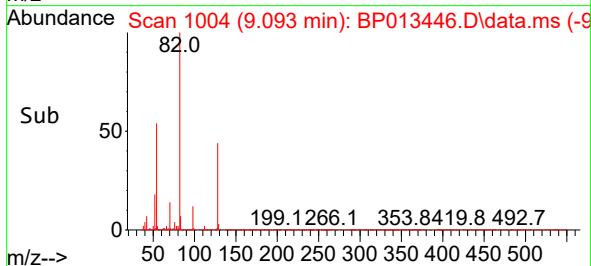
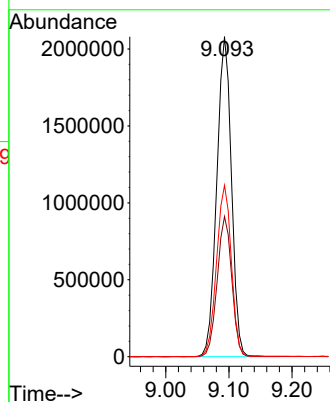
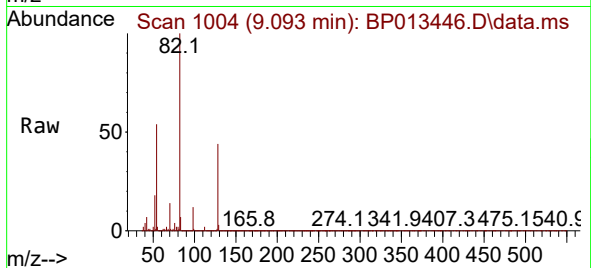
Tgt Ion: 82 Resp: 3351626

Ion Ratio Lower Upper

82 100

128 43.8 35.9 53.9

54 53.6 40.4 60.6



#26

2-Nitrophenol

Concen: 2.798 ng

RT: 9.846 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

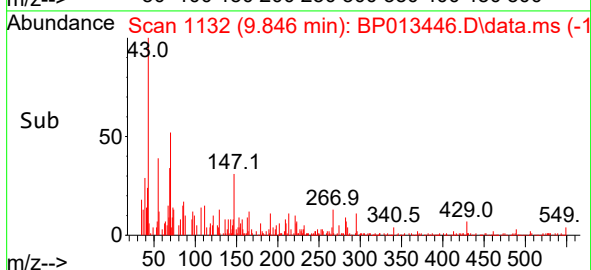
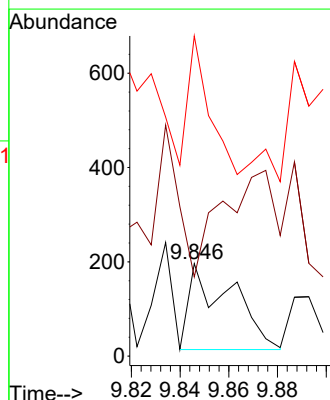
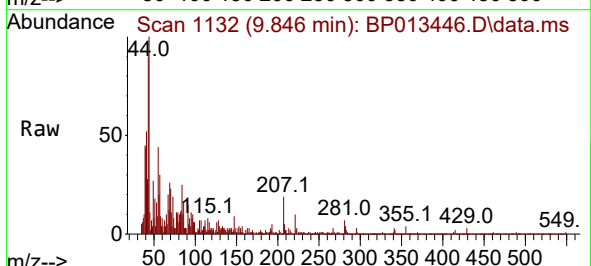
Tgt Ion:139 Resp: 221

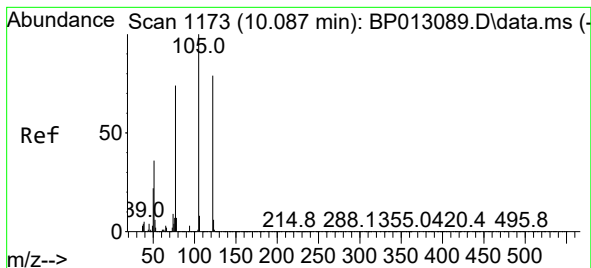
Ion Ratio Lower Upper

139 100

109 85.7 22.5 33.7#

65 346.4 39.9 59.9#





#32

Benzoic acid

Concen: 4.391 ng

RT: 10.022 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

Instrument :

BNA_P

ClientSampleId :

S-13-01

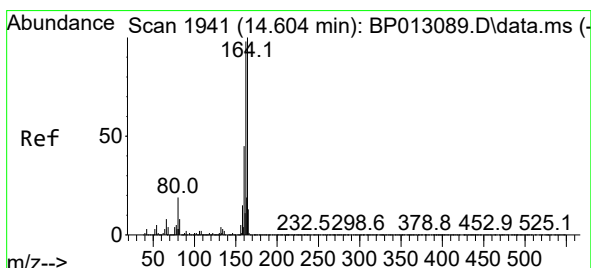
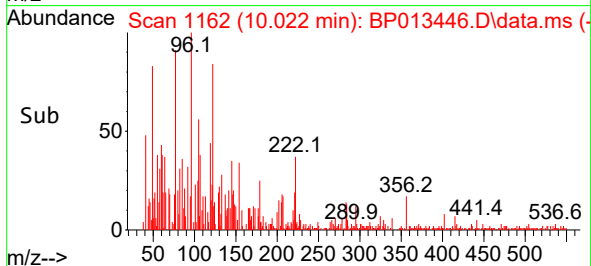
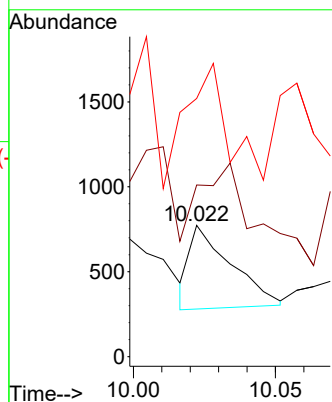
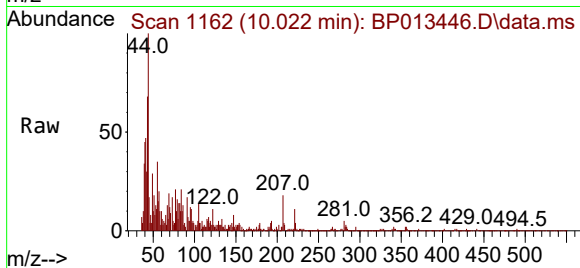
Tgt Ion:122 Resp: 498

Ion Ratio Lower Upper

122 100

105 130.8 101.9 141.9

77 196.6 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: BP013446.D

Acq: 11 Jan 2023 16:29

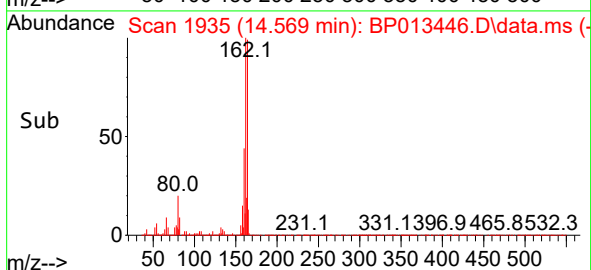
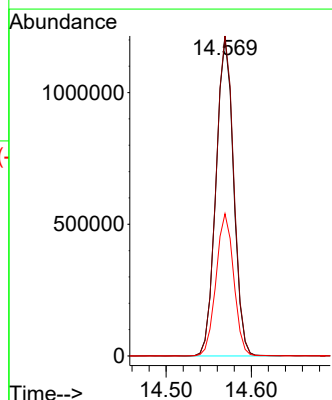
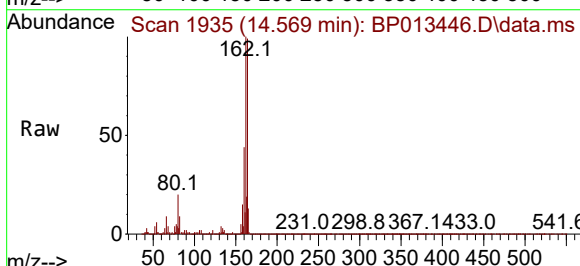
Tgt Ion:164 Resp: 1727978

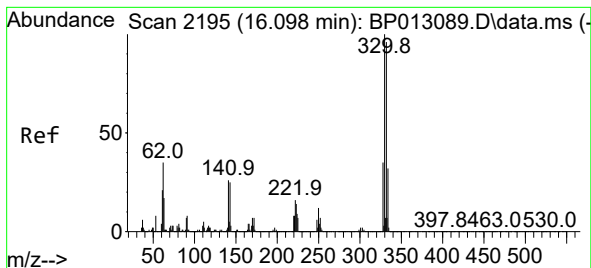
Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

160 44.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 153.185 ng

RT: 16.069 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

Instrument :

BNA_P

ClientSampleId :

S-13-01

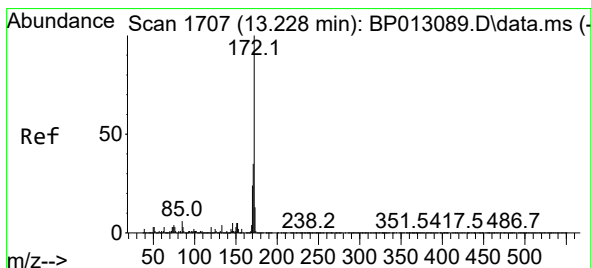
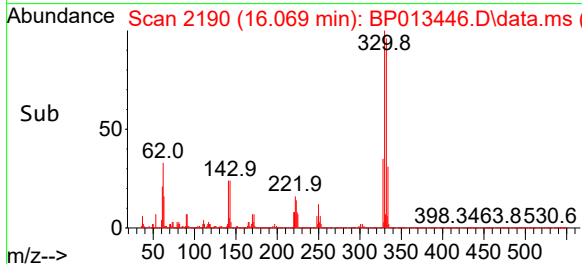
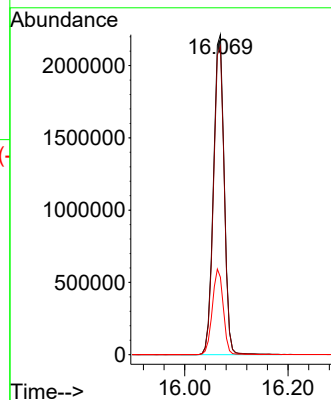
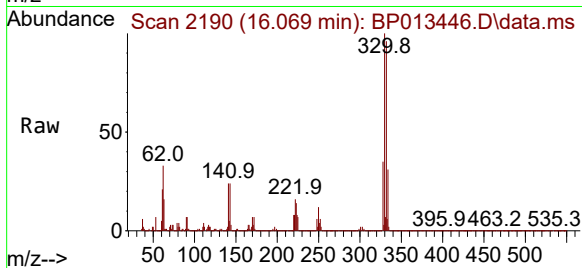
Tgt Ion:330 Resp: 3191462

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 27.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 64.175 ng

RT: 13.193 min Scan# 1701

Delta R.T. 0.012 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

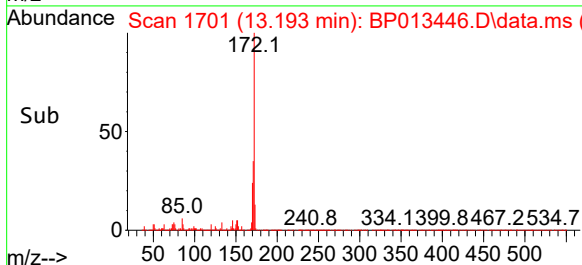
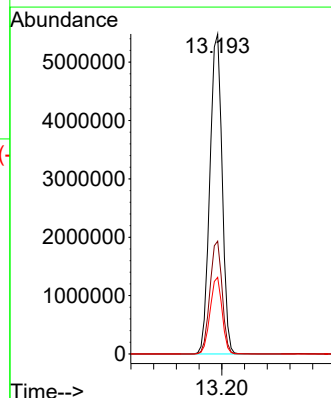
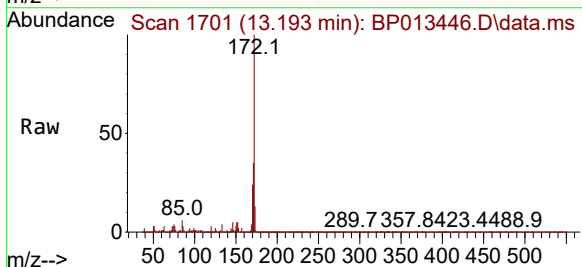
Tgt Ion:172 Resp: 8167238

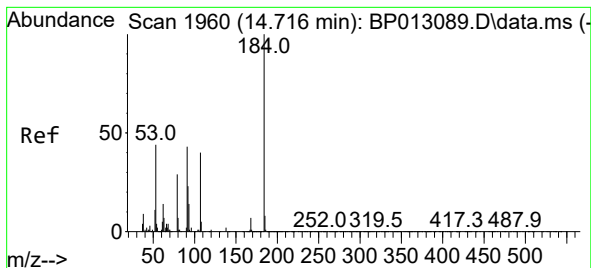
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.9 19.2 28.8





#54

2,4-Dinitrophenol

Concen: 3.612 ng

RT: 14.681 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

Instrument :

BNA_P

ClientSampleId :

S-13-01

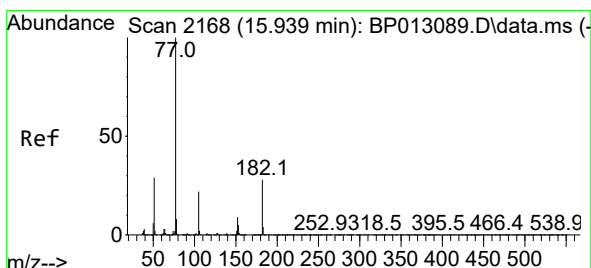
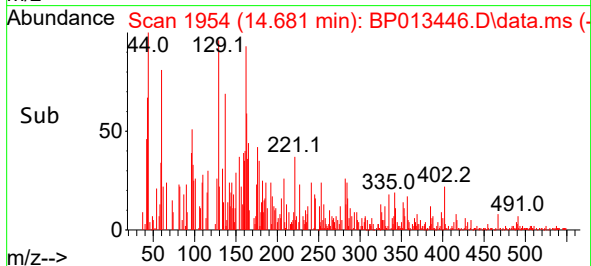
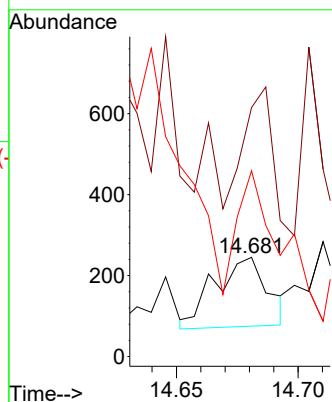
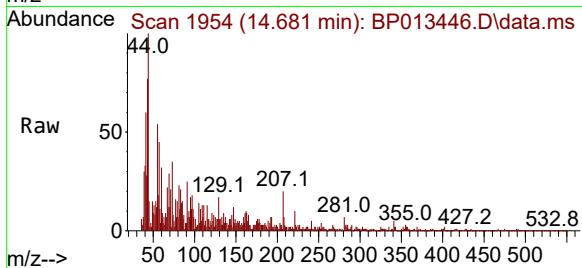
Tgt Ion:184 Resp: 259

Ion Ratio Lower Upper

184 100

63 251.0 47.6 71.4#

154 187.3 45.5 68.3#



#63

Azobenzene

Concen: 2.660 ng

RT: 15.928 min Scan# 2166

Delta R.T. 0.030 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

Tgt Ion: 77 Resp: 287203

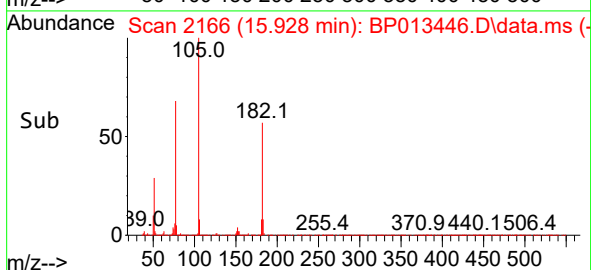
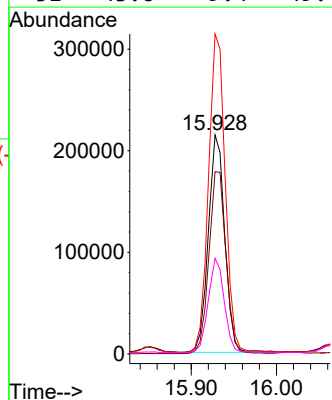
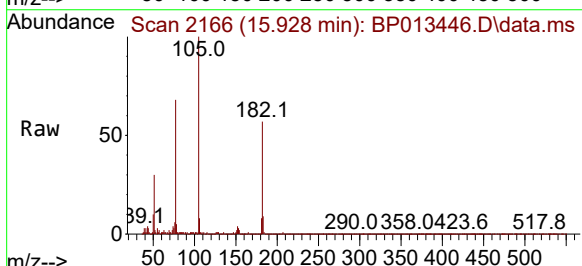
Ion Ratio Lower Upper

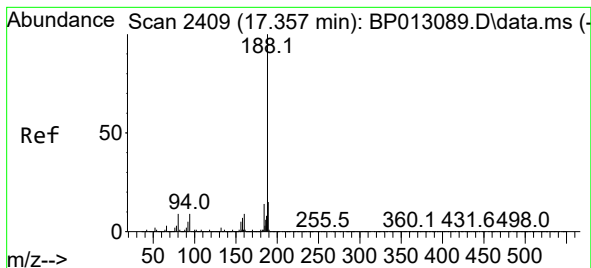
77 100

182 83.2 8.3 48.3#

105 146.1 1.6 41.6#

51 43.6 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: BP013446.D

Acq: 11 Jan 2023 16:29

Instrument :

BNA_P

ClientSampleId :

S-13-01

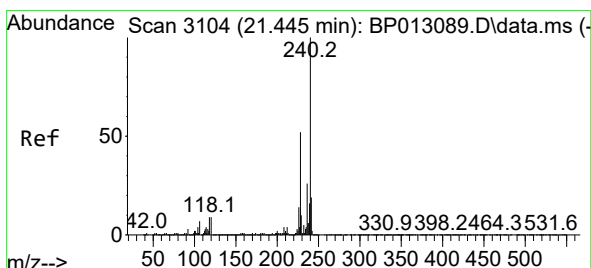
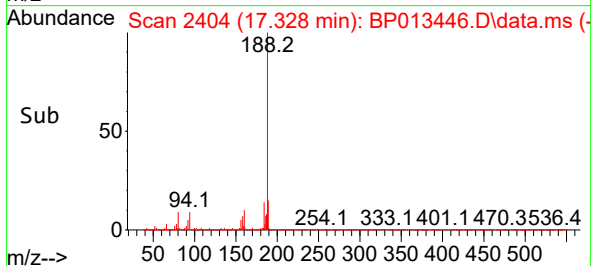
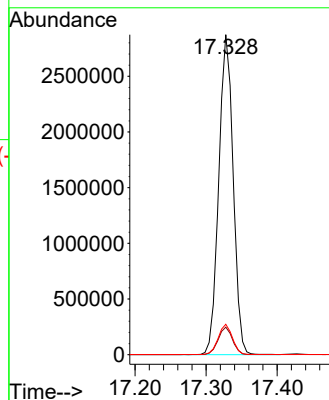
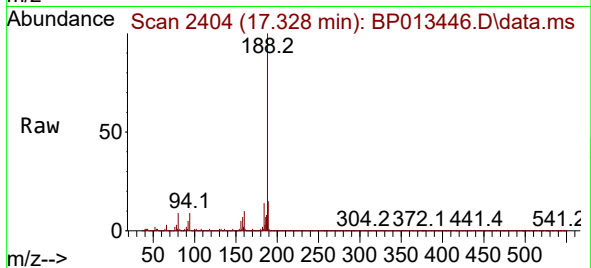
Tgt Ion:188 Resp: 4024661

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.5 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: BP013446.D

Acq: 11 Jan 2023 16:29

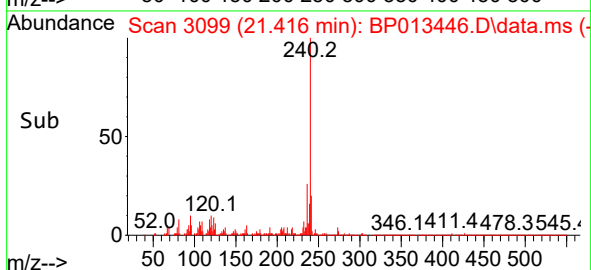
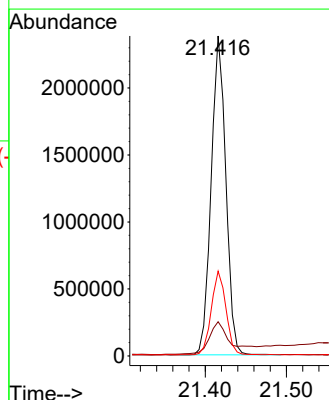
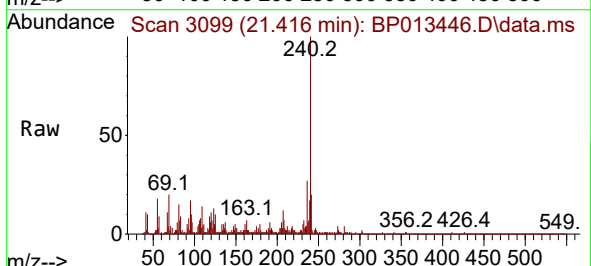
Tgt Ion:240 Resp: 2979359

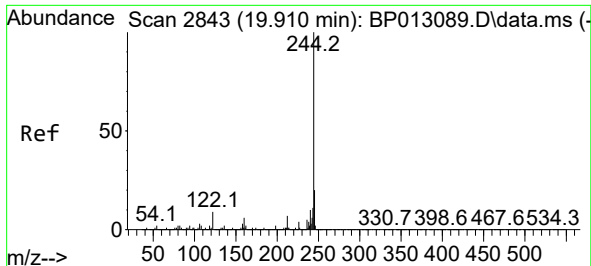
Ion Ratio Lower Upper

240 100

120 10.7 7.4 11.2

236 26.5 21.0 31.4

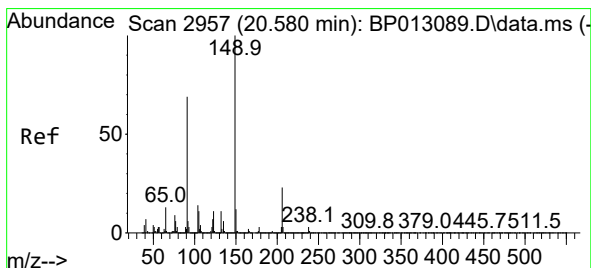
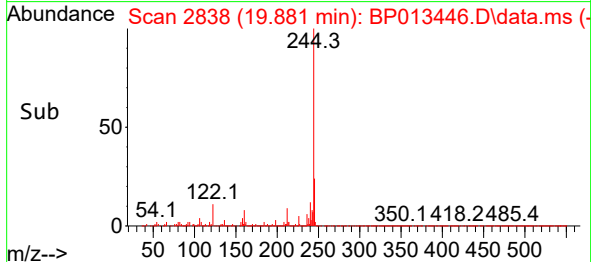
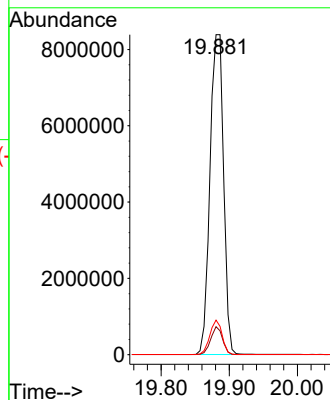
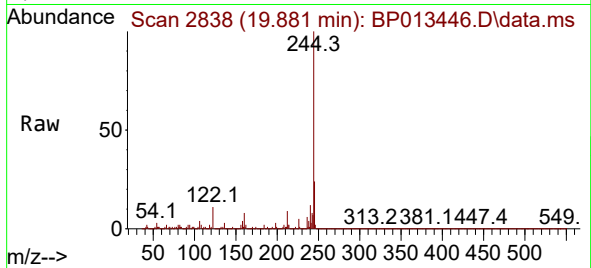




#79
 Terphenyl-d14
 Concen: 77.100 ng
 RT: 19.881 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP013446.D
 Acq: 11 Jan 2023 16:29

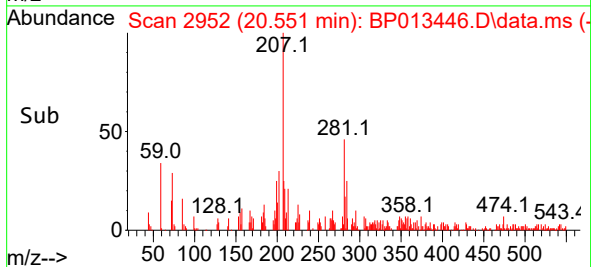
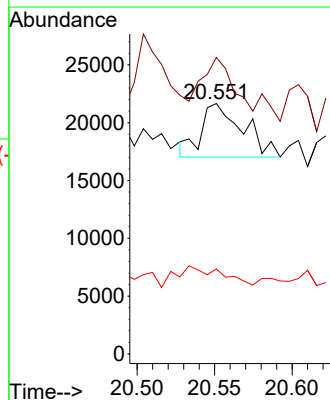
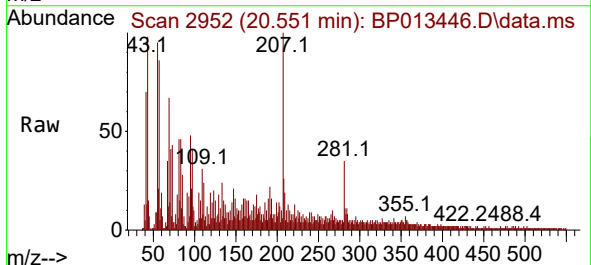
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 BNA_P
 ClientSampleId :
 S-13-01

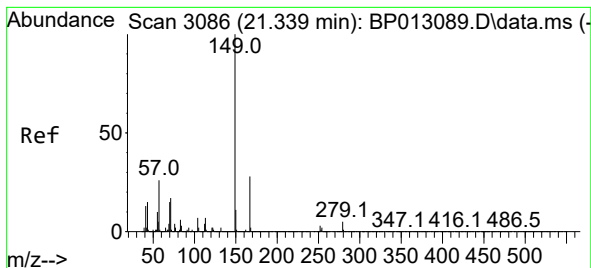
Tgt Ion:244 Resp:11643267
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.5 8.3#
 122 10.8 7.2 10.8#



#80
 Butylbenzylphthalate
 Concen: 2.200 ng
 RT: 20.551 min Scan# 2952
 Delta R.T. 0.006 min
 Lab File: BP013446.D
 Acq: 11 Jan 2023 16:29

Tgt Ion:149 Resp: 8611
 Ion Ratio Lower Upper
 149 100
 91 118.4 55.2 82.8#
 206 34.0 18.3 27.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.301 ng

RT: 21.310 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

Instrument :

BNA_P

ClientSampleId :

S-13-01

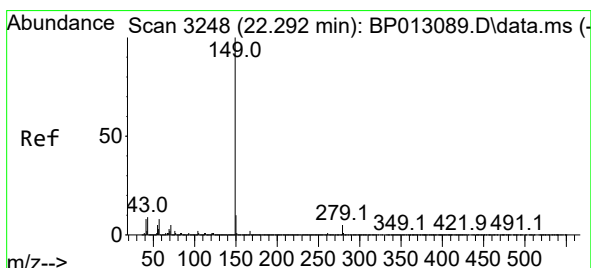
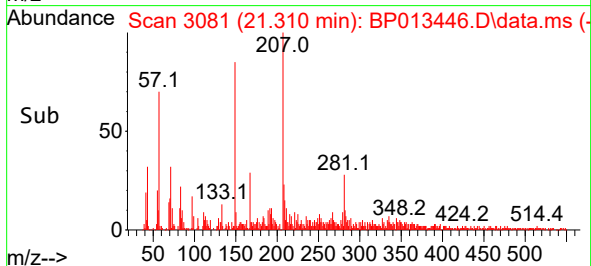
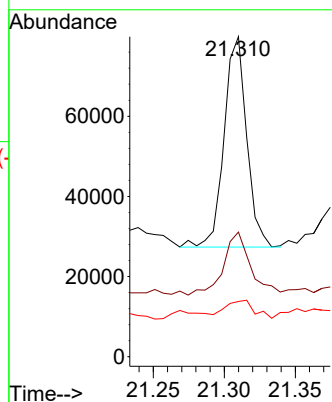
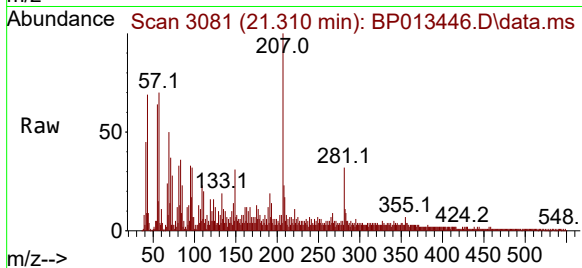
Tgt Ion:149 Resp: 58322

Ion Ratio Lower Upper

149 100

167 39.0 22.6 34.0#

279 17.2 3.8 5.6#



#85

Di-n-octyl phthalate

Concen: 2.460 ng

RT: 22.251 min Scan# 3241

Delta R.T. 0.006 min

Lab File: BP013446.D

Acq: 11 Jan 2023 16:29

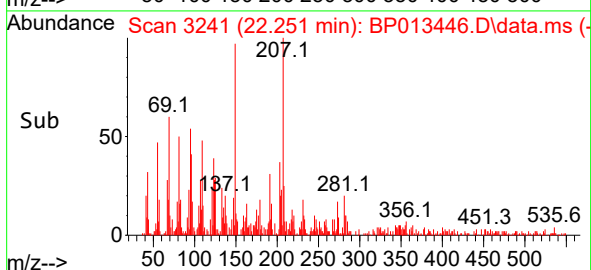
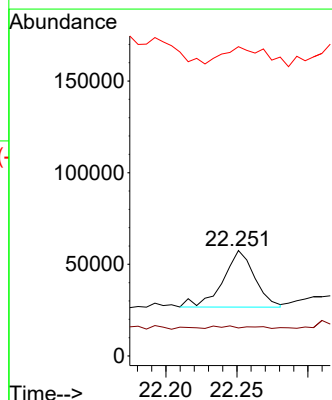
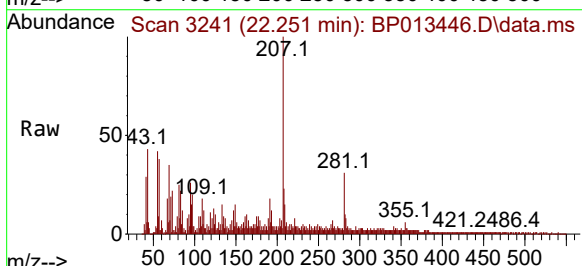
Tgt Ion:149 Resp: 47847

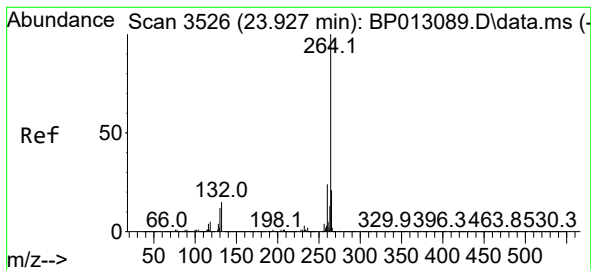
Ion Ratio Lower Upper

149 100

167 2.5 1.3 1.9#

43 47.9 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: BP013446.D

Acq: 11 Jan 2023 16:29

Instrument :

BNA_P

ClientSampleId :

S-13-01

Tgt Ion:264 Resp: 3165271

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.4 17.7 26.5

