

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013454.D
 Acq On : 11 Jan 2023 21:03
 Operator : CG/JU
 Sample : 01106-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-B

Quant Time: Jan 12 02:21:01 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)

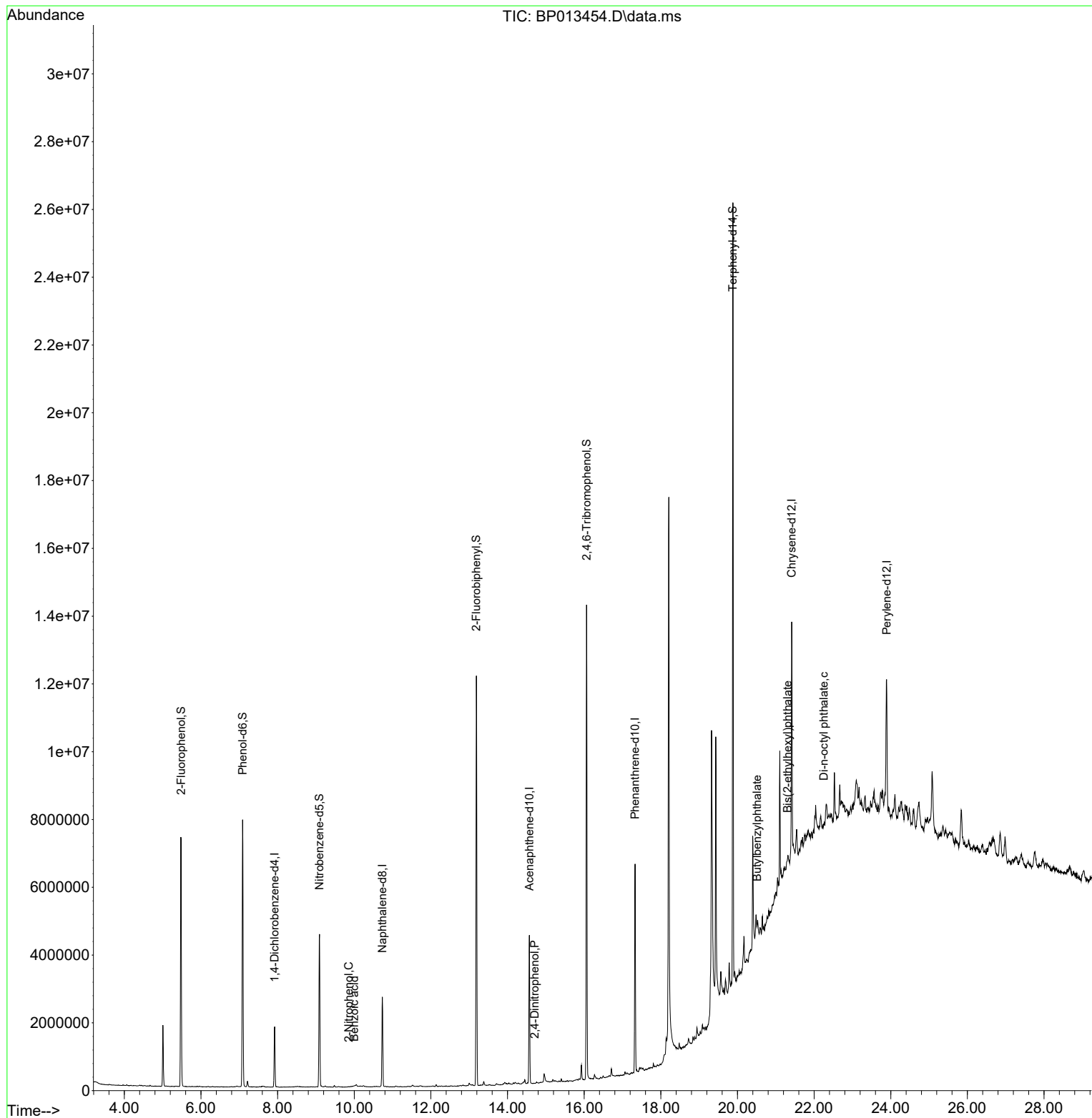
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	484267	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2121842	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1484467	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3655916	20.000	ng	0.01
76) Chrysene-d12	21.416	240	3232890	20.000	ng	0.00
86) Perylene-d12	23.892	264	3435153	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3220466	121.508	ng	0.01
7) Phenol-d6	7.087	99	4380993	126.572	ng	0.01
23) Nitrobenzene-d5	9.093	82	2504650	64.713	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	2883993	161.135	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	6274759	57.393	ng	0.00
79) Terphenyl-d14	19.881	244	10870933	66.340	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.858	139	196	2.799	ng	# 1
32) Benzoic acid	9.999	122	2337	4.464	ng	# 40
54) 2,4-Dinitrophenol	14.704	184	125	3.606	ng	# 1
80) Butylbenzylphthalate	20.510	149	3937	2.138	ng	# 33
84) Bis(2-ethylhexyl)phtha...	21.310	149	47884	3.175	ng	# 67
85) Di-n-octyl phthalate	22.251	149	23805	2.301	ng	# 41

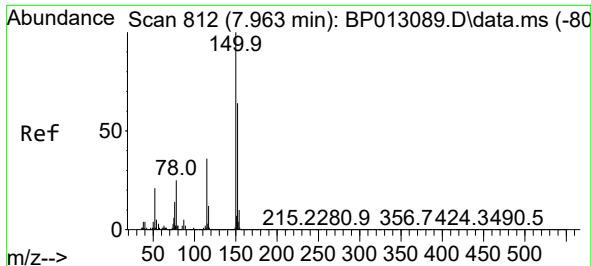
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 12 02:16:32 2023
Response via : Initial Calibration

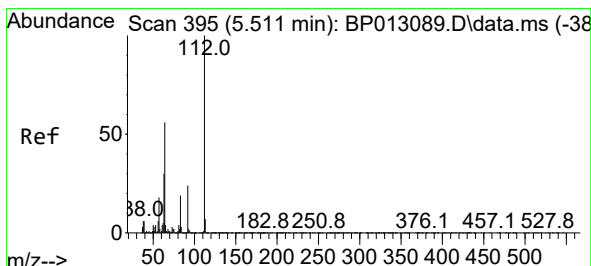
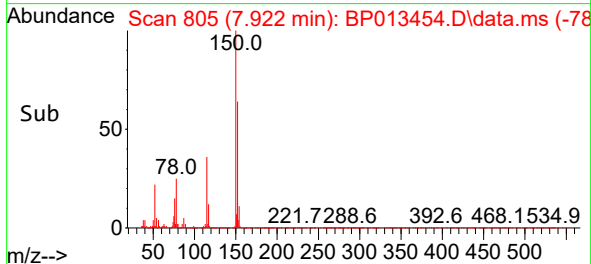
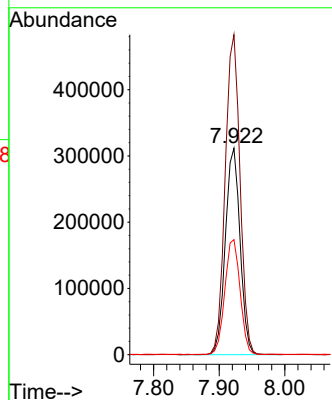
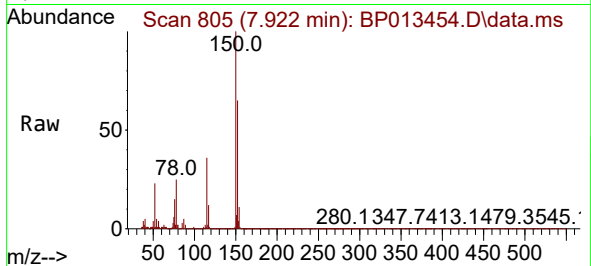




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013454.D
Acq: 11 Jan 2023 21:03

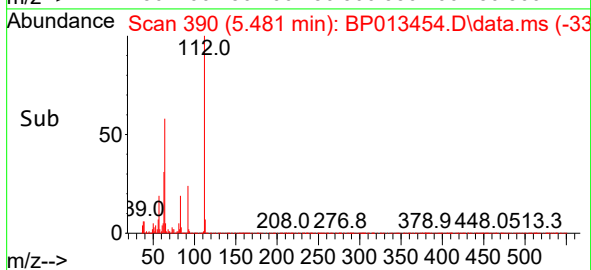
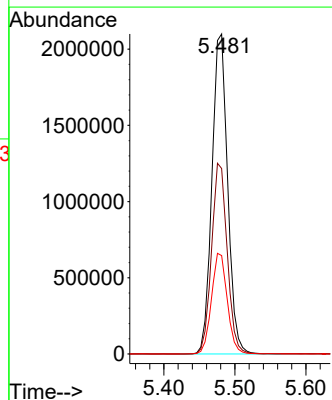
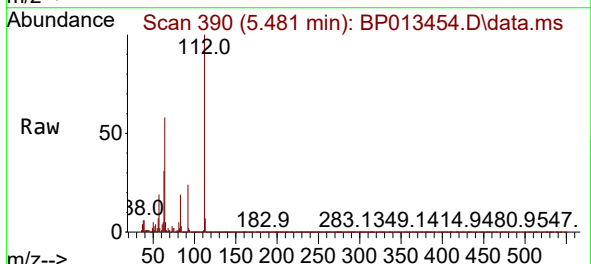
Instrument :
BNA_P
ClientSampleId :
TP-B

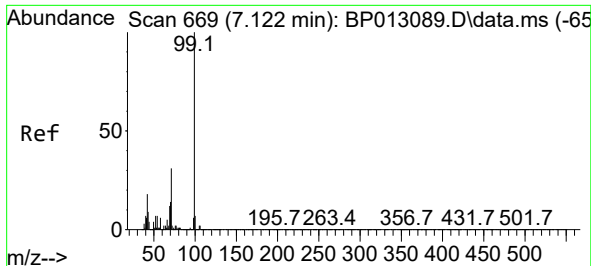
Tgt Ion:152 Resp: 484267
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 55.7 45.6 68.4



#5
2-Fluorophenol
Concen: 121.508 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013454.D
Acq: 11 Jan 2023 21:03

Tgt Ion:112 Resp: 3220466
Ion Ratio Lower Upper
112 100
64 57.9 45.1 67.7
63 30.7 23.8 35.6

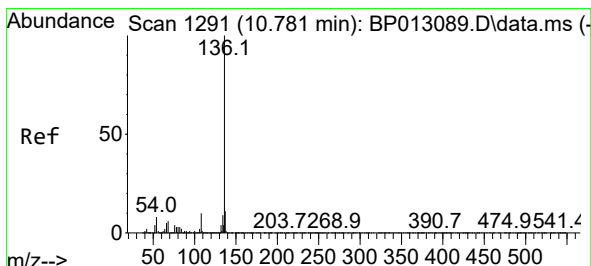
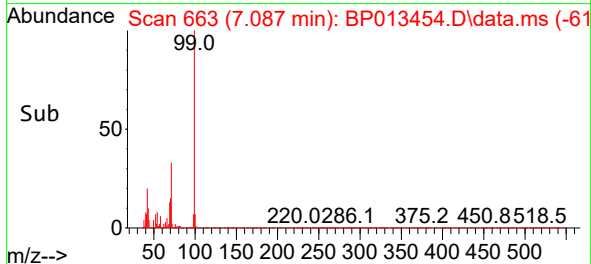
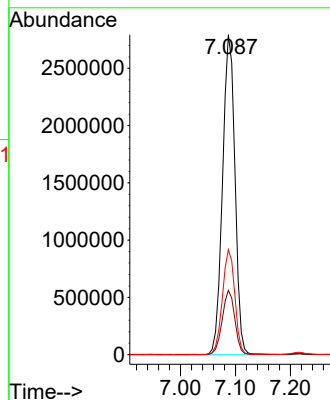
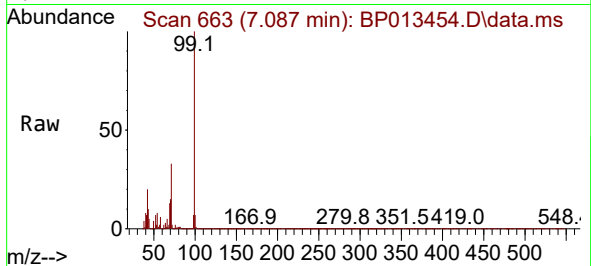




#7
Phenol-d6
Concen: 126.572 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP013454.D
Acq: 11 Jan 2023 21:03

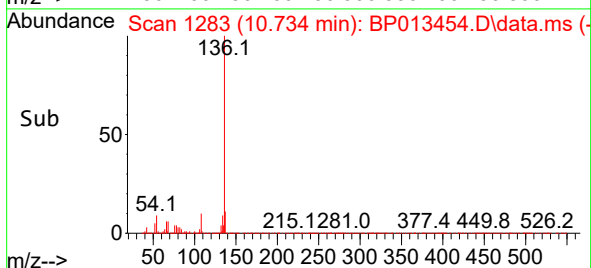
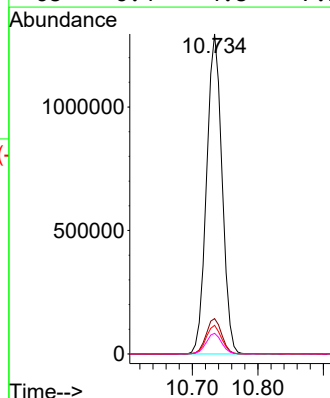
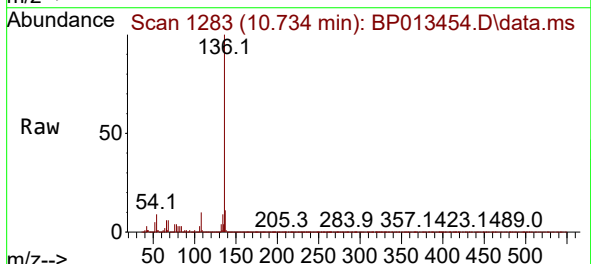
Instrument :
BNA_P
ClientSampleId :
TP-B

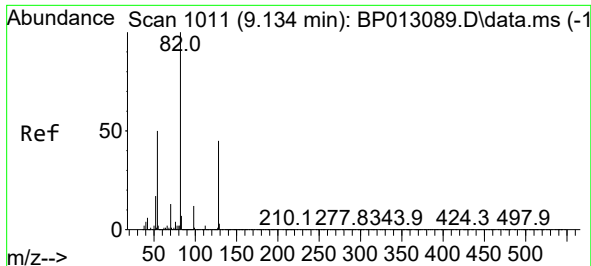
Tgt Ion: 99 Resp: 4380993
Ion Ratio Lower Upper
99 100
42 20.1 14.2 21.4
71 32.8 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP013454.D
Acq: 11 Jan 2023 21:03

Tgt Ion: 136 Resp: 2121842
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.0 6.2 9.4
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 64.713 ng

RT: 9.093 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BP013454.D

Acq: 11 Jan 2023 21:03

Instrument :

BNA_P

ClientSampleId :

TP-B

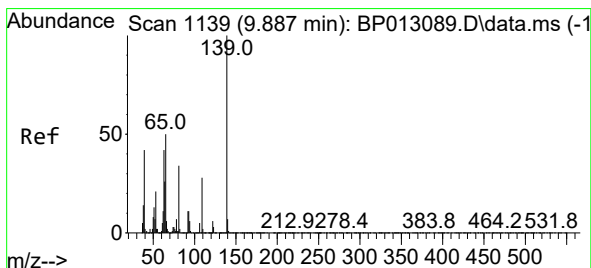
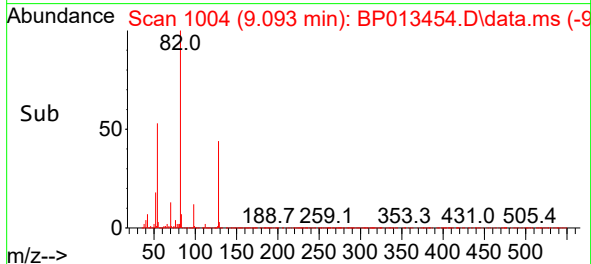
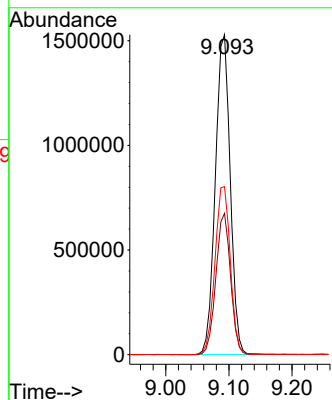
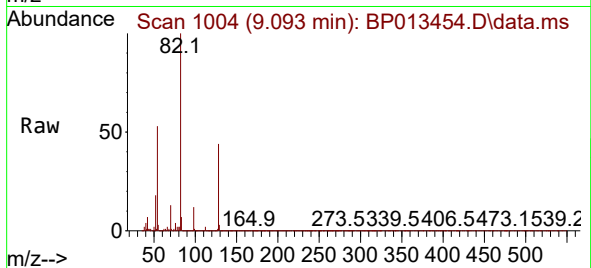
Tgt Ion: 82 Resp: 2504650

Ion Ratio Lower Upper

82 100

128 44.2 35.9 53.9

54 52.5 40.4 60.6



#26

2-Nitrophenol

Concen: 2.799 ng

RT: 9.858 min Scan# 1134

Delta R.T. 0.018 min

Lab File: BP013454.D

Acq: 11 Jan 2023 21:03

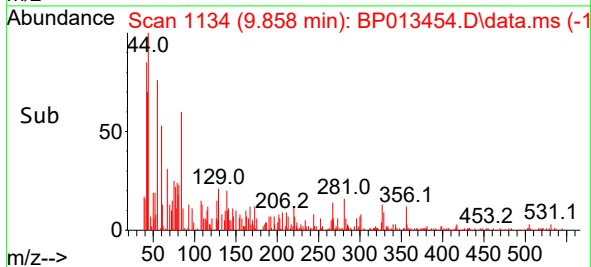
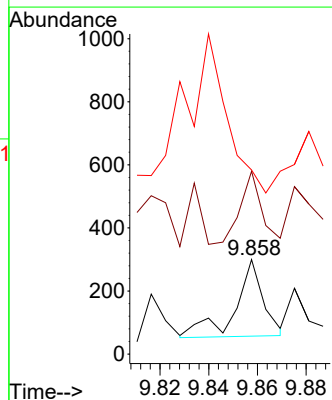
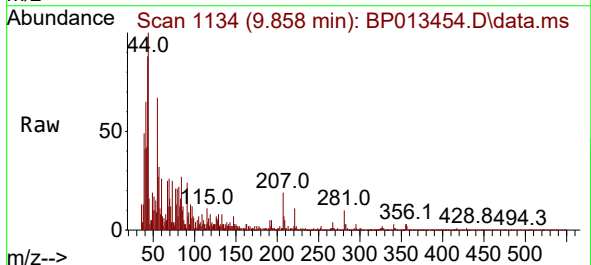
Tgt Ion:139 Resp: 196

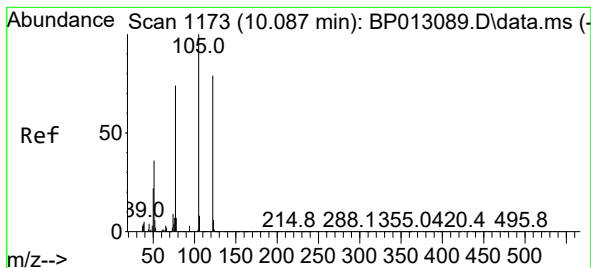
Ion Ratio Lower Upper

139 100

109 193.3 22.5 33.7#

65 194.7 39.9 59.9#





#32

Benzoic acid

Concen: 4.464 ng

RT: 9.999 min Scan# 1158

Delta R.T. -0.029 min

Lab File: BP013454.D

Acq: 11 Jan 2023 21:03

Instrument :

BNA_P

ClientSampleId :

TP-B

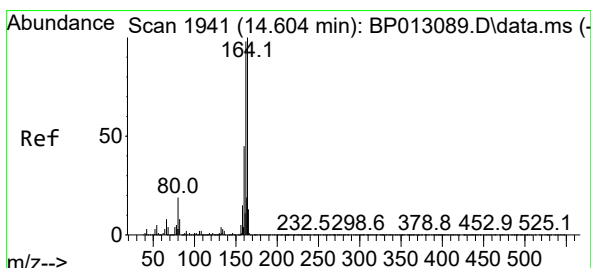
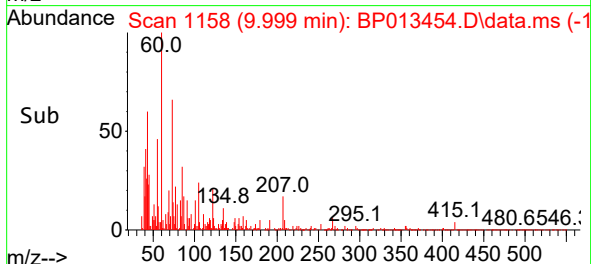
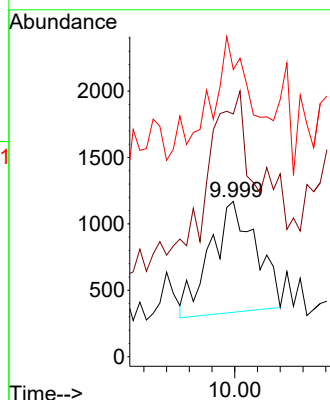
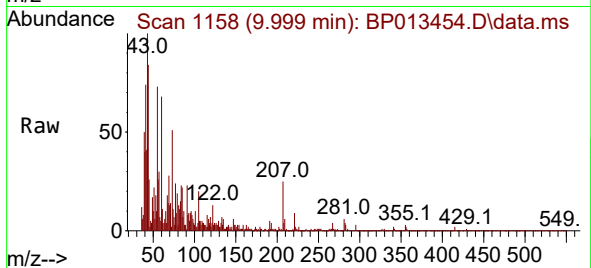
Tgt Ion:122 Resp: 2337

Ion Ratio Lower Upper

122 100

105 156.4 101.9 141.9#

77 185.0 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: BP013454.D

Acq: 11 Jan 2023 21:03

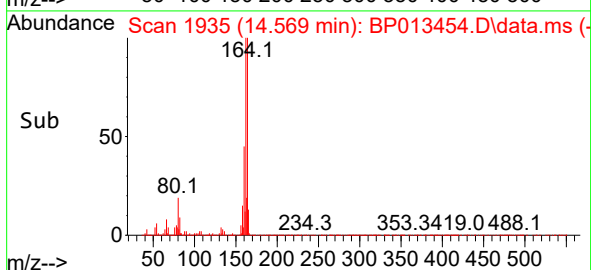
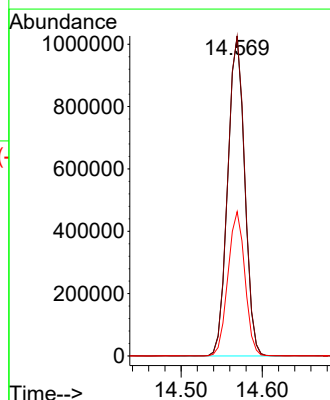
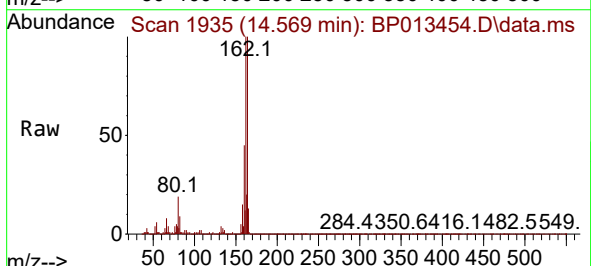
Tgt Ion:164 Resp: 1484467

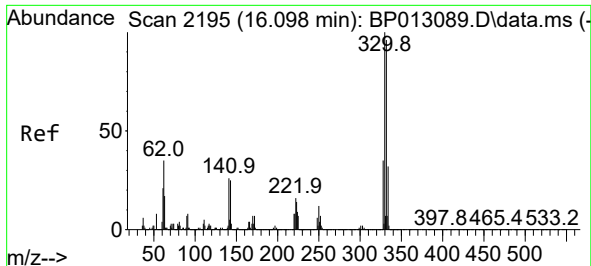
Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

160 45.1 36.0 54.0

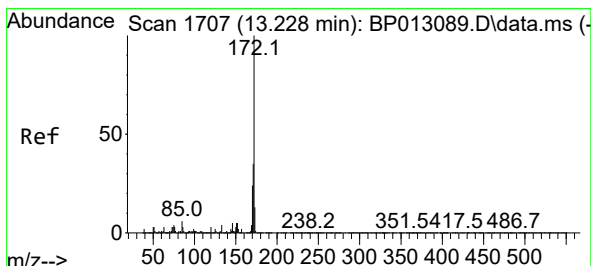
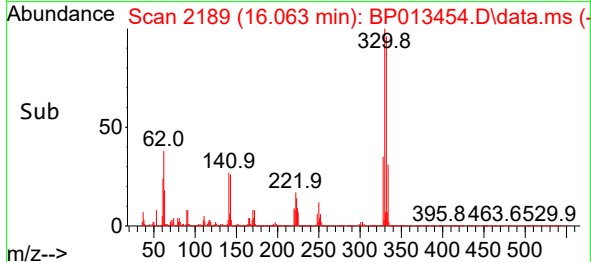
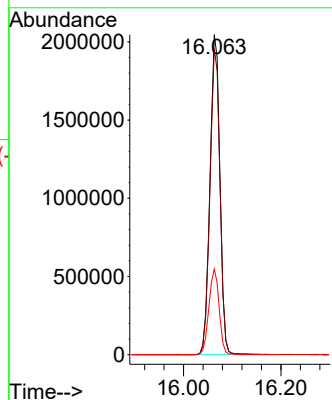
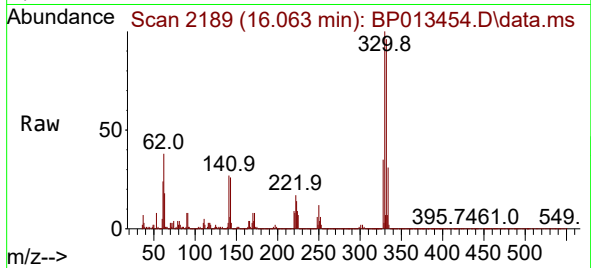




#42
2,4,6-Tribromophenol
Concen: 161.135 ng
RT: 16.063 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BP013454.D
Acq: 11 Jan 2023 21:03

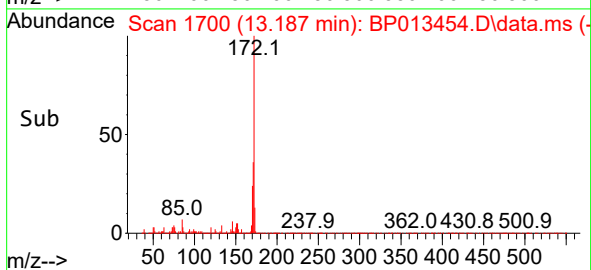
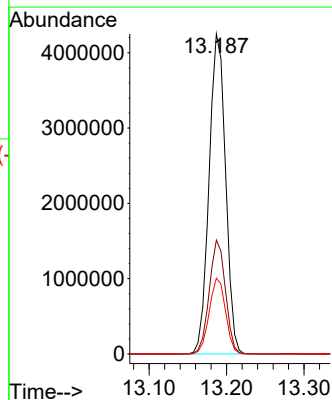
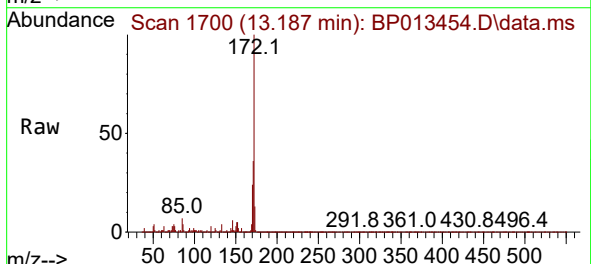
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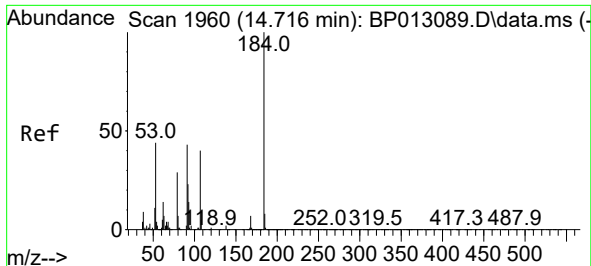
Tgt Ion:330 Resp: 2883993
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 27.2 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 57.393 ng
RT: 13.187 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BP013454.D
Acq: 11 Jan 2023 21:03

Tgt Ion:172 Resp: 6274759
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.2 28.8

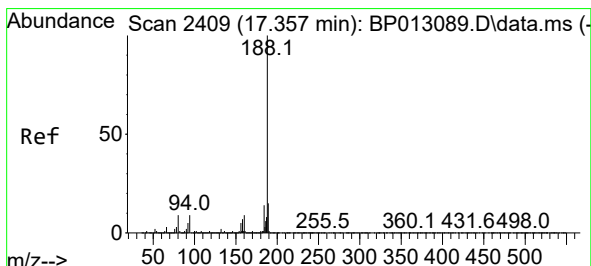
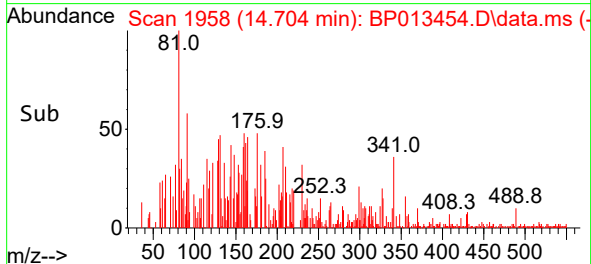
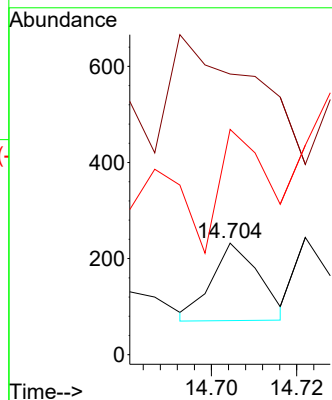
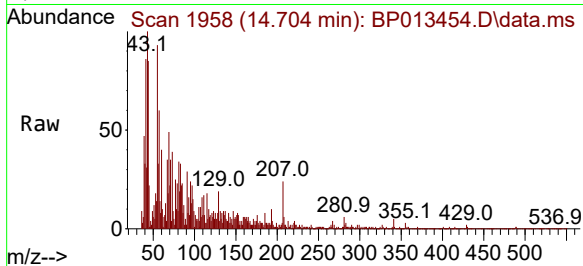




#54
2,4-Dinitrophenol
Concen: 3.606 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.024 min
Lab File: BP013454.D
Acq: 11 Jan 2023 21:03

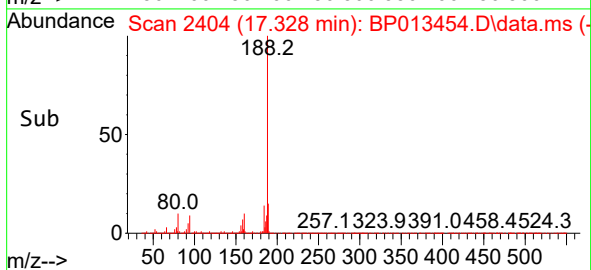
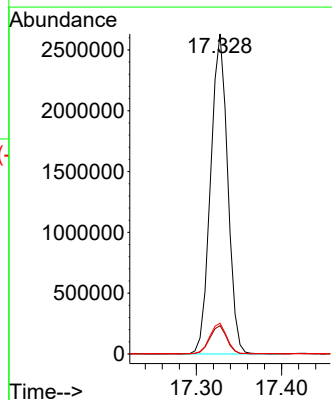
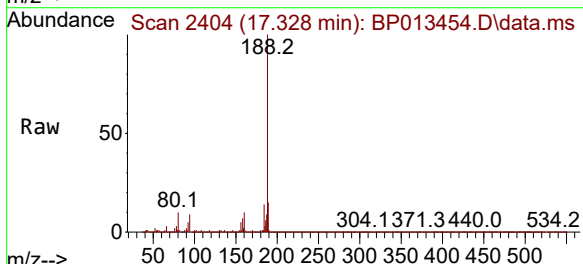
Instrument :
BNA_P
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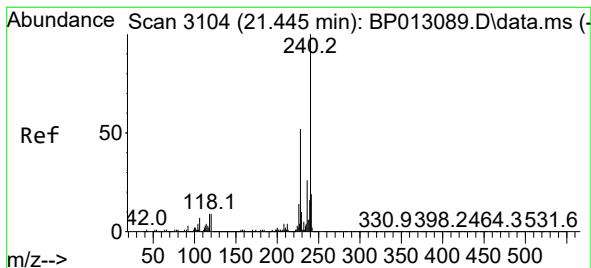
Tgt Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
63 251.7 47.6 71.4#
154 202.2 45.5 68.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2404
Delta R.T. 0.012 min
Lab File: BP013454.D
Acq: 11 Jan 2023 21:03

Tgt Ion:188 Resp: 3655916
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.6 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: BP013454.D

Acq: 11 Jan 2023 21:03

Instrument :

BNA_P

ClientSampleId :

TP-B

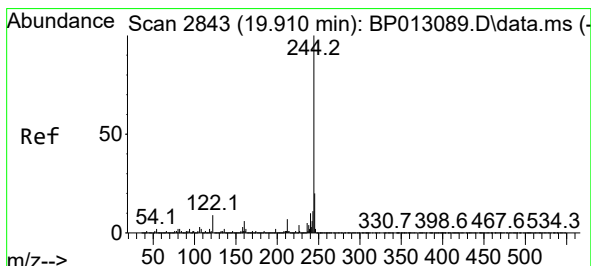
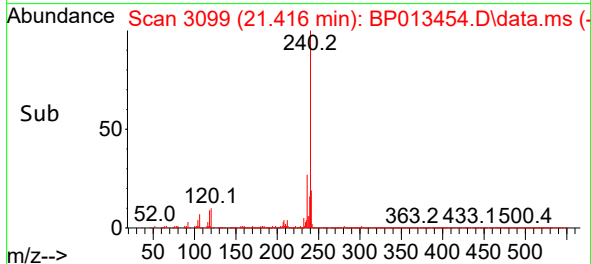
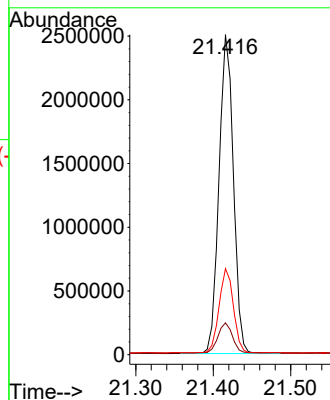
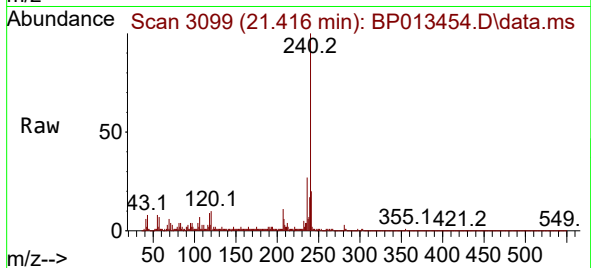
Tgt Ion:240 Resp: 3232890

Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.2

236 26.9 21.0 31.4



#79

Terphenyl-d14

Concen: 66.340 ng

RT: 19.881 min Scan# 2838

Delta R.T. 0.006 min

Lab File: BP013454.D

Acq: 11 Jan 2023 21:03

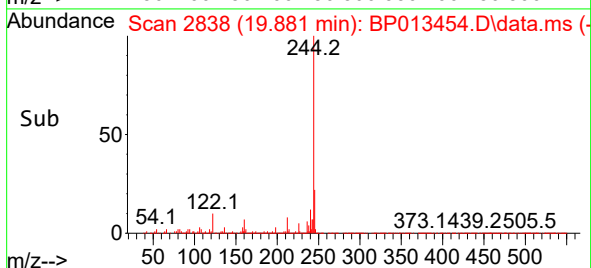
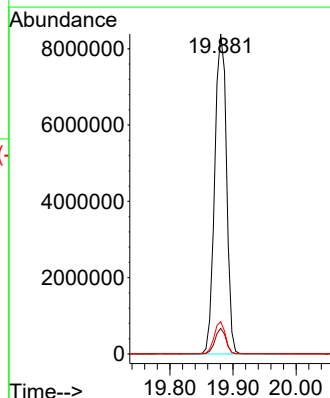
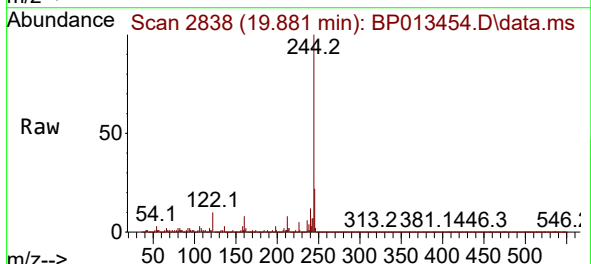
Tgt Ion:244 Resp:10870933

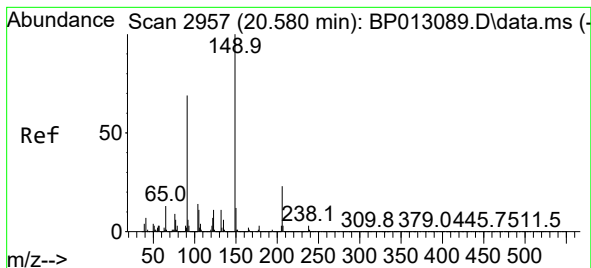
Ion Ratio Lower Upper

244 100

212 8.0 5.5 8.3

122 10.1 7.2 10.8





#80

Butylbenzylphthalate

Concen: 2.138 ng

RT: 20.510 min Scan# 2945

Delta R.T. -0.035 min

Lab File: BP013454.D

Acq: 11 Jan 2023 21:03

Instrument :

BNA_P

ClientSampleId :

TP-B

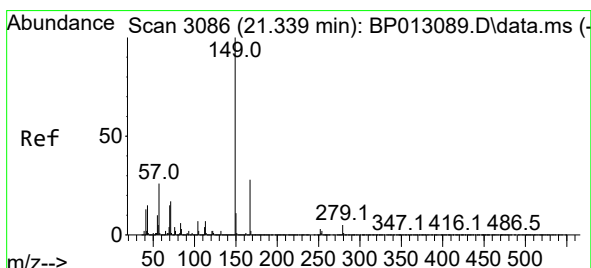
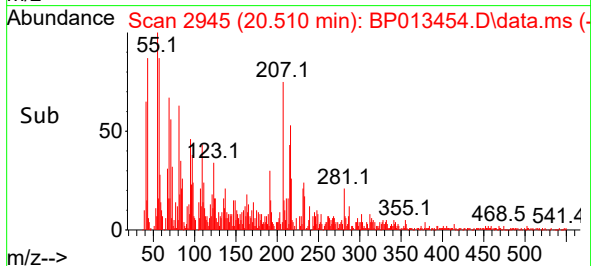
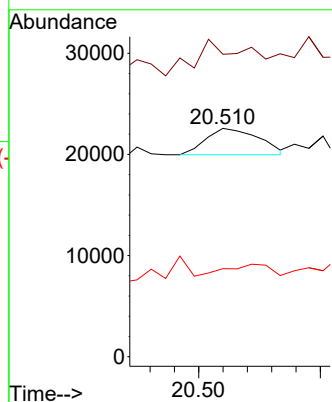
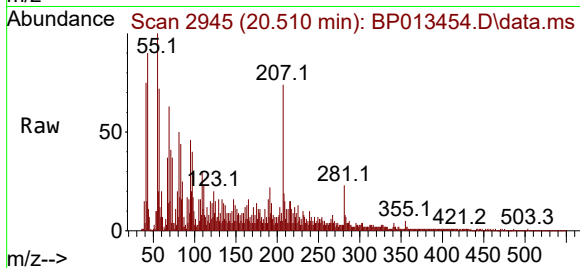
Tgt Ion:149 Resp: 3937

Ion Ratio Lower Upper

149 100

91 132.5 55.2 82.8#

206 38.6 18.3 27.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.175 ng

RT: 21.310 min Scan# 3081

Delta R.T. 0.006 min

Lab File: BP013454.D

Acq: 11 Jan 2023 21:03

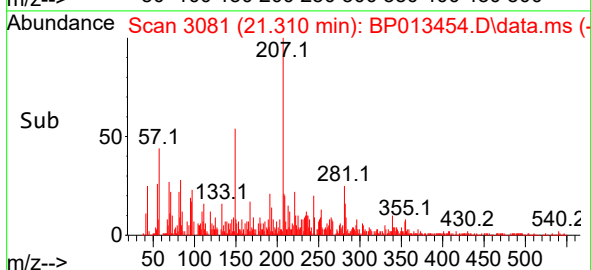
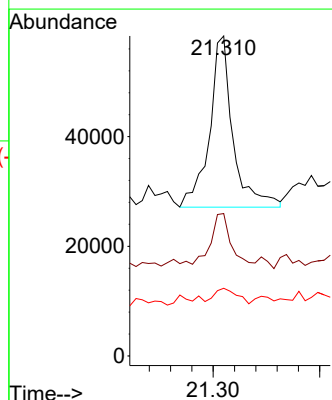
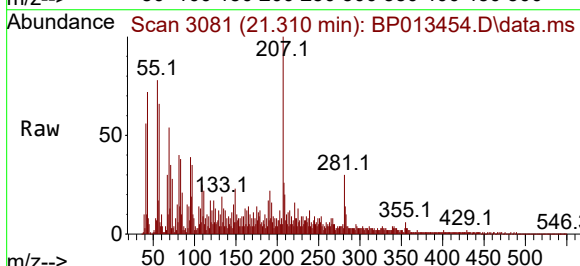
Tgt Ion:149 Resp: 47884

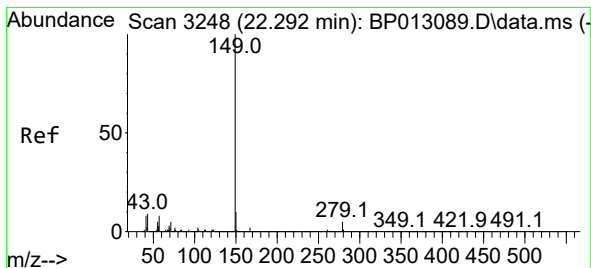
Ion Ratio Lower Upper

149 100

167 44.5 22.6 34.0#

279 21.1 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 2.301 ng

RT: 22.251 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013454.D

Acq: 11 Jan 2023 21:03

Instrument :

BNA_P

ClientSampleId :

TP-B

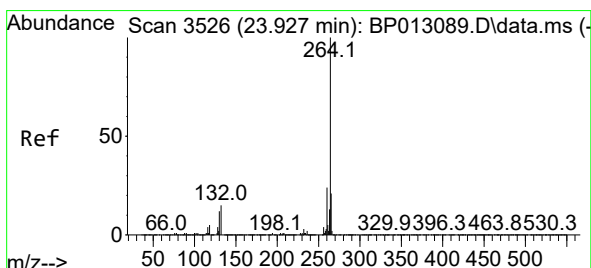
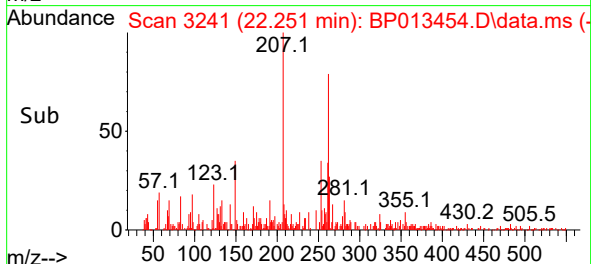
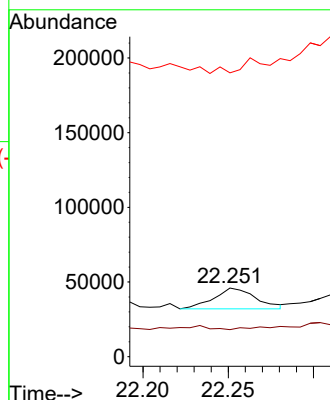
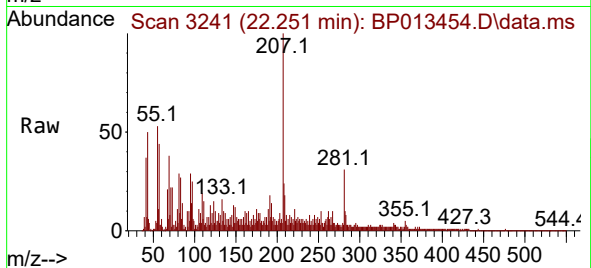
Tgt Ion:149 Resp: 23805

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 34.9 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.892 min Scan# 3520

Delta R.T. 0.024 min

Lab File: BP013454.D

Acq: 11 Jan 2023 21:03

Tgt Ion:264 Resp: 3435153

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.8 17.7 26.5

