

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013451.D
 Acq On : 11 Jan 2023 19:20
 Operator : CG/JU
 Sample : 01064-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-14-01

Quant Time: Jan 12 02:20:07 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)

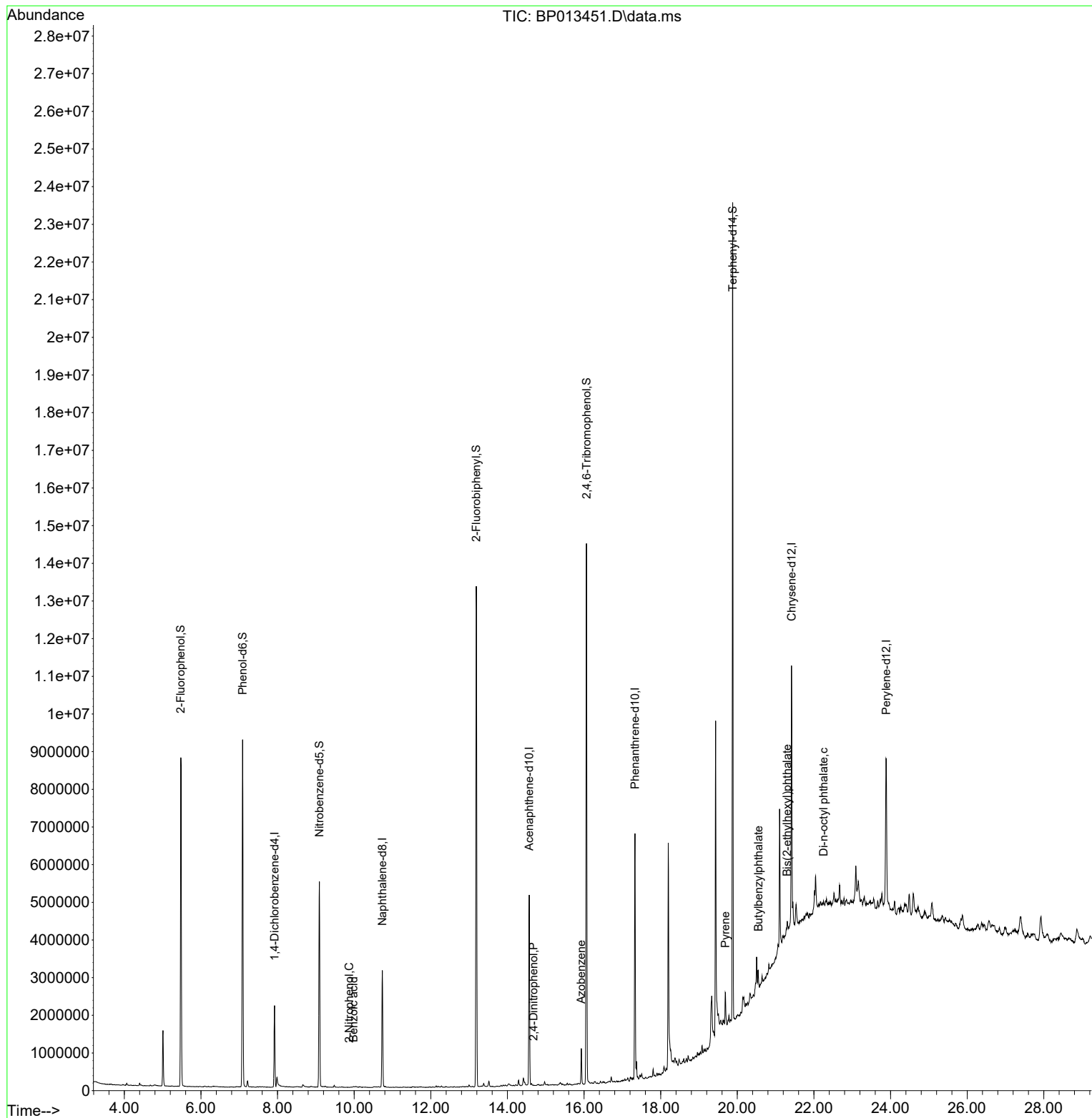
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	583226	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2479744	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1683711	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	3904461	20.000	ng	0.01
76) Chrysene-d12	21.415	240	3057879	20.000	ng	0.00
86) Perylene-d12	23.886	264	3181360	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3800129	119.051	ng	0.00
7) Phenol-d6	7.087	99	5068187	121.581	ng	0.01
23) Nitrobenzene-d5	9.092	82	3005006	66.435	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	2952843	145.458	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	7220096	58.224	ng	0.00
79) Terphenyl-d14	19.880	244	10597362	68.372	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.869	139	389	2.805	ng	# 1
32) Benzoic acid	9.981	122	6184	4.576	ng	# 86
54) 2,4-Dinitrophenol	14.680	184	56	3.601	ng	# 1
63) Azobenzene	15.927	77	247642	2.354	ng	# 1
78) Pyrene	19.686	202	495017	2.253	ng	# 99
80) Butylbenzylphthalate	20.551	149	18990	2.324	ng	# 76
84) Bis(2-ethylhexyl)phtha...	21.304	149	65349	3.349	ng	# 97
85) Di-n-octyl phthalate	22.251	149	24102	2.311	ng	# 36

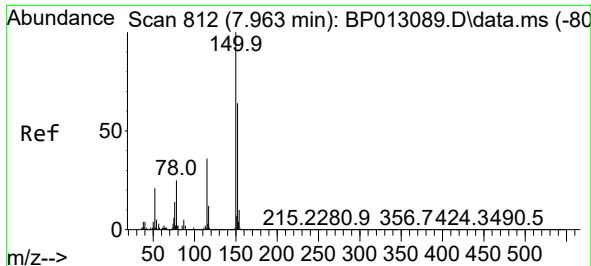
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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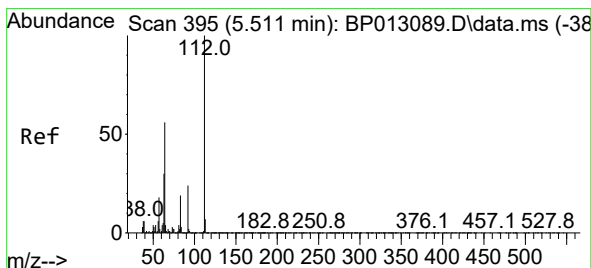
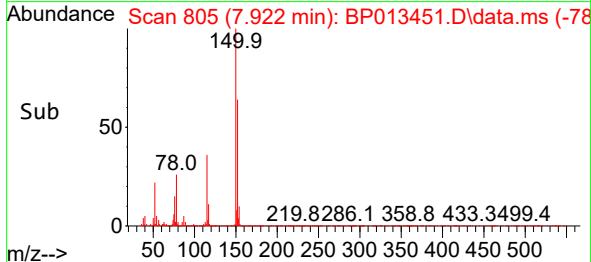
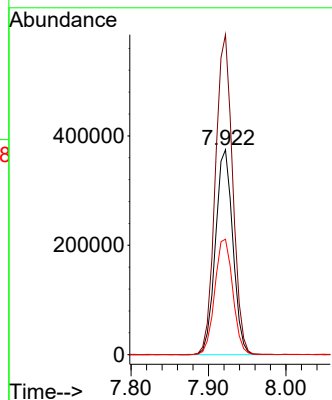
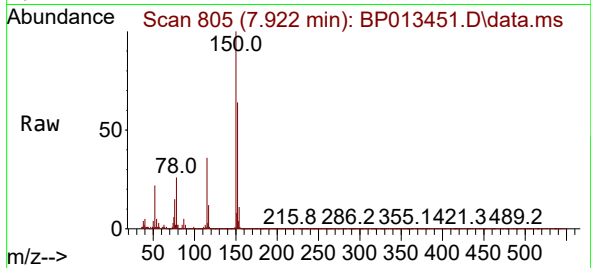




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

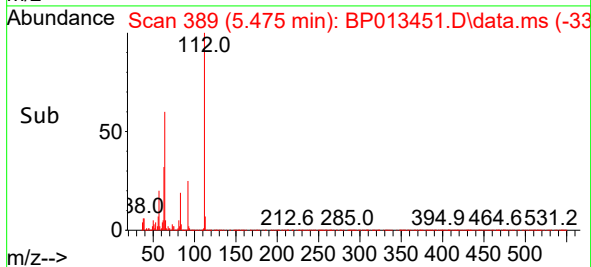
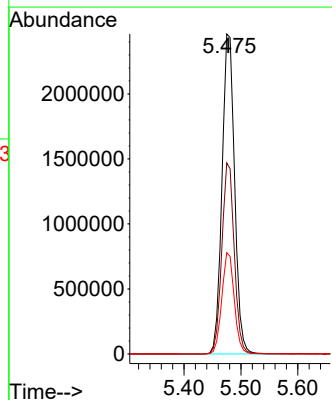
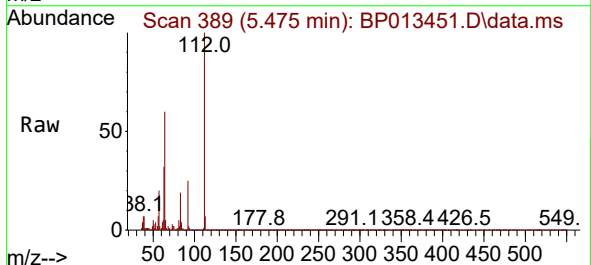
Instrument :
BNA_P
ClientSampleId :
S-14-01

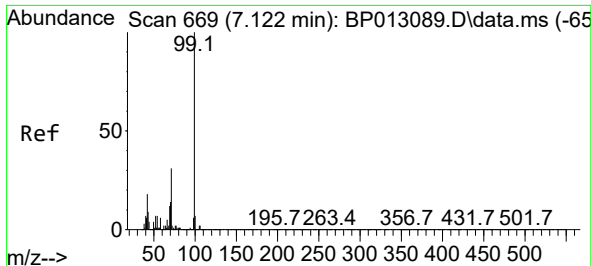
Tgt Ion:152 Resp: 583226
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 56.4 45.6 68.4



#5
2-Fluorophenol
Concen: 119.051 ng
RT: 5.475 min Scan# 389
Delta R.T. 0.006 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

Tgt Ion:112 Resp: 3800129
Ion Ratio Lower Upper
112 100
64 59.7 45.1 67.7
63 31.6 23.8 35.6

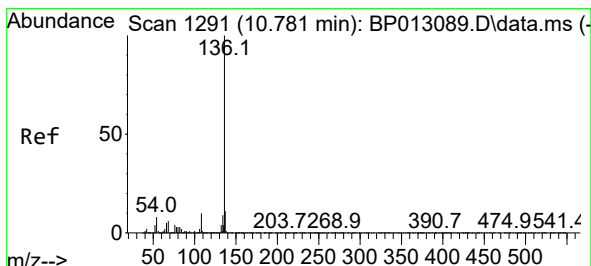
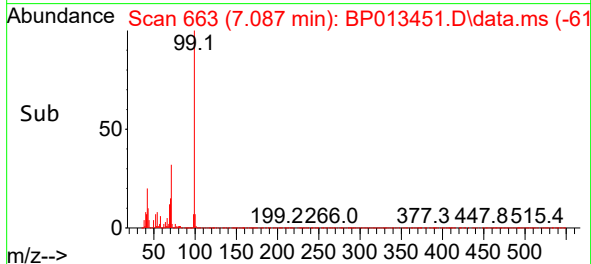
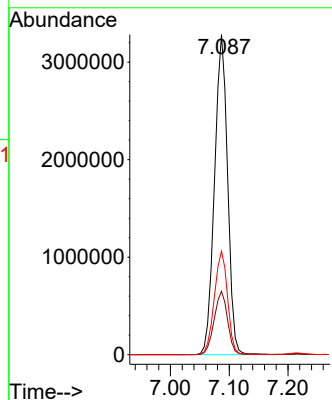
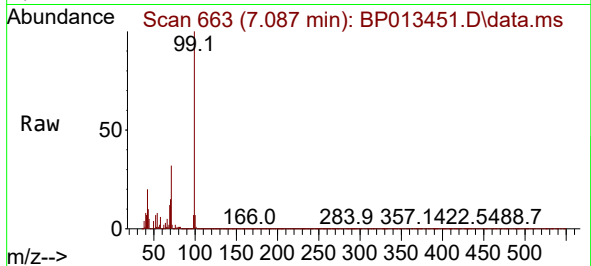




#7
Phenol-d6
Concen: 121.581 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

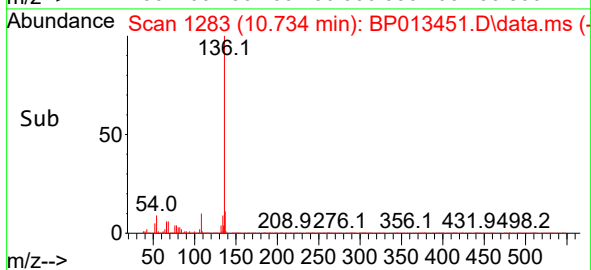
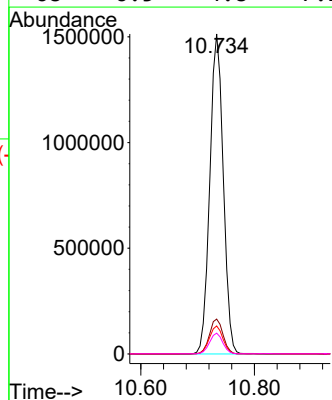
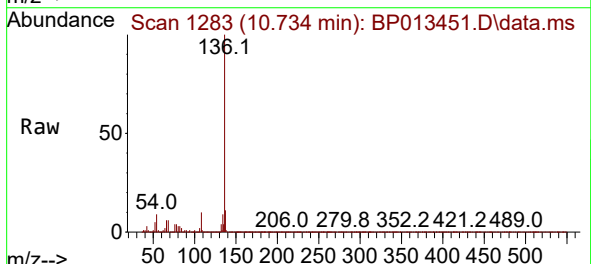
Instrument :
BNA_P
ClientSampleId :
S-14-01

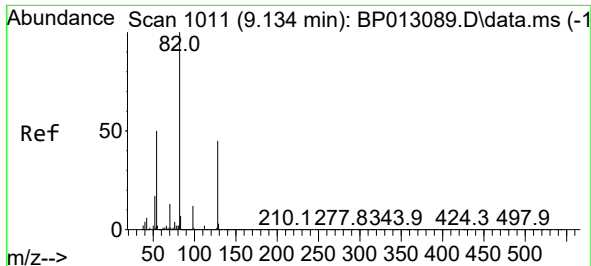
Tgt Ion: 99 Resp: 5068187
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 32.4 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

Tgt Ion:136 Resp: 2479744
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.7 6.2 9.4
68 6.5 4.8 7.2

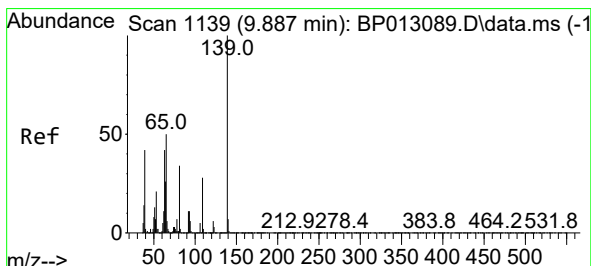
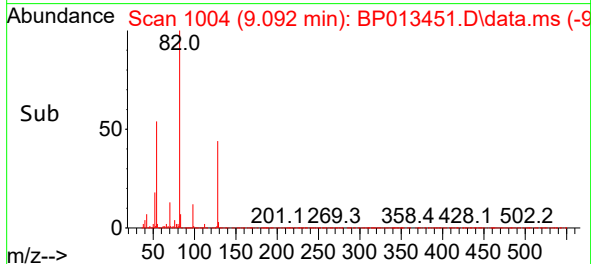
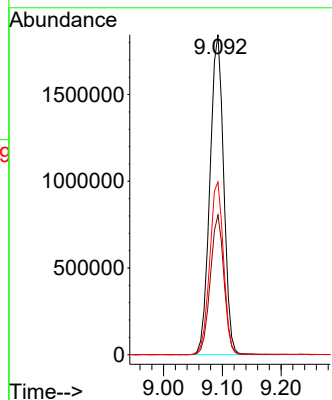
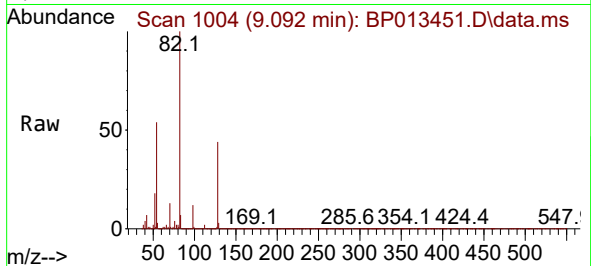




#23
Nitrobenzene-d5
Concen: 66.435 ng
RT: 9.092 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

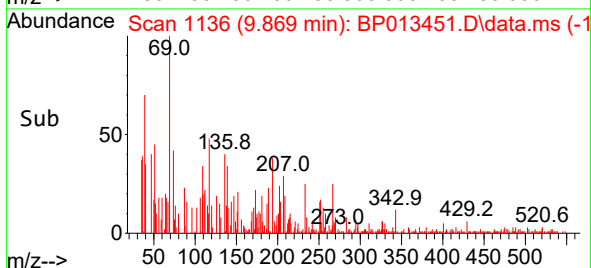
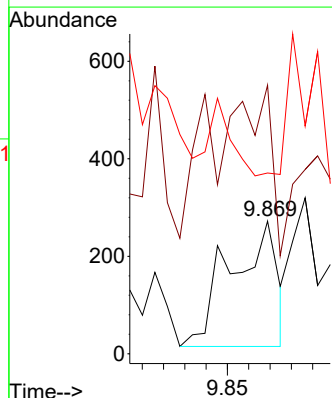
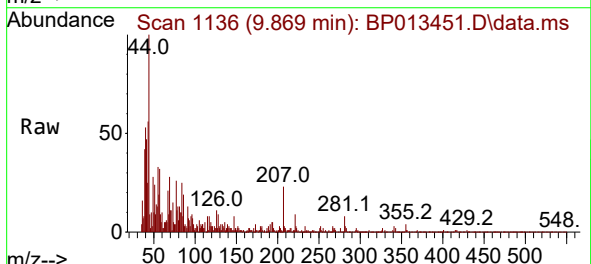
Instrument :
BNA_P
ClientSampleId :
S-14-01

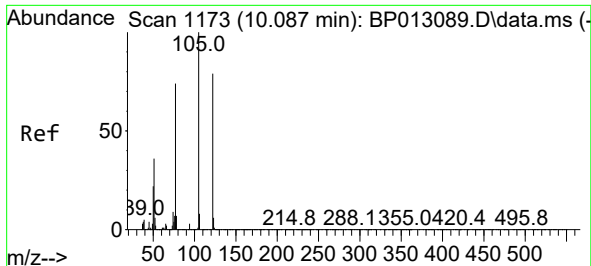
Tgt Ion: 82 Resp: 3005006
Ion Ratio Lower Upper
82 100
128 43.7 35.9 53.9
54 53.9 40.4 60.6



#26
2-Nitrophenol
Concen: 2.805 ng
RT: 9.869 min Scan# 1136
Delta R.T. 0.029 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

Tgt Ion:139 Resp: 389
Ion Ratio Lower Upper
139 100
109 202.6 22.5 33.7#
65 136.4 39.9 59.9#

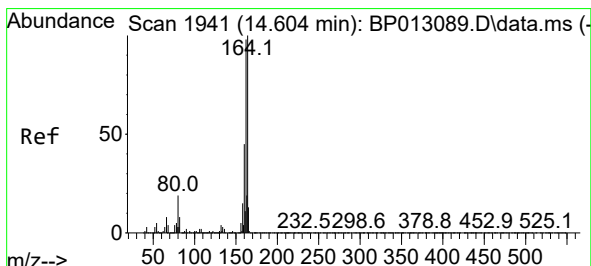
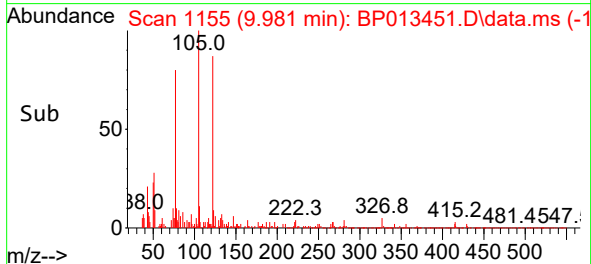
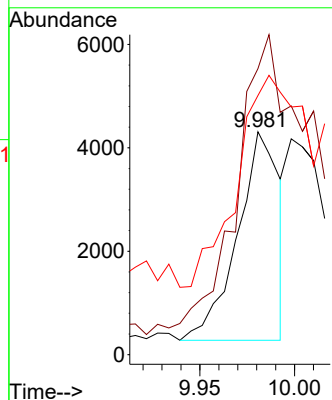
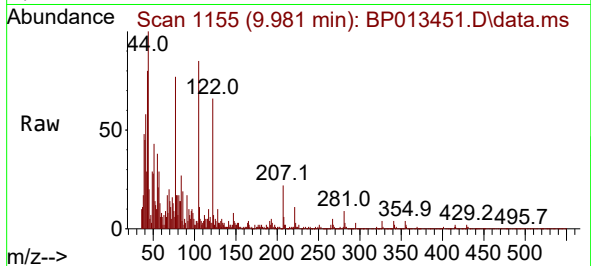




#32
Benzoic acid
Concen: 4.576 ng
RT: 9.981 min Scan# 1173
Delta R.T. -0.047 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

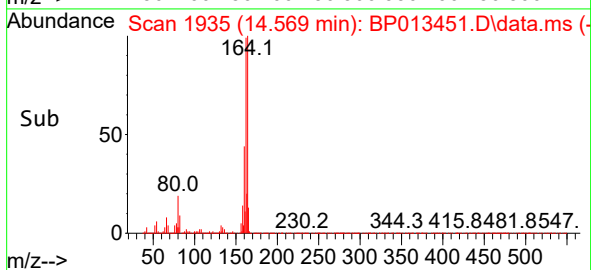
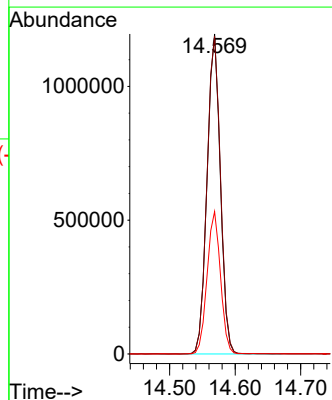
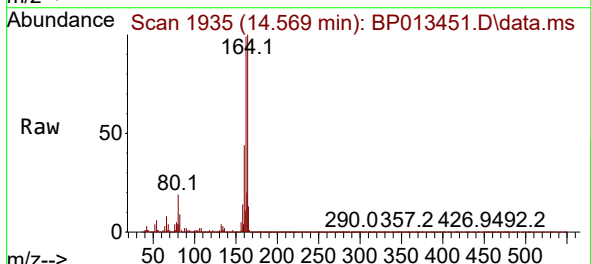
Instrument :
BNA_P
ClientSampleId :
S-14-01

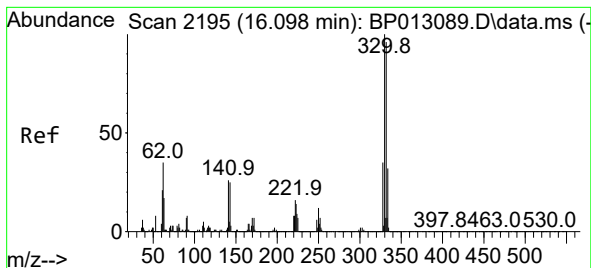
Tgt Ion:122 Resp: 6184
Ion Ratio Lower Upper
122 100
105 128.4 101.9 141.9
77 116.3 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

Tgt Ion:164 Resp: 1683711
Ion Ratio Lower Upper
164 100
162 99.3 78.8 118.2
160 44.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 145.458 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

Instrument :

BNA_P

ClientSampleId :

S-14-01

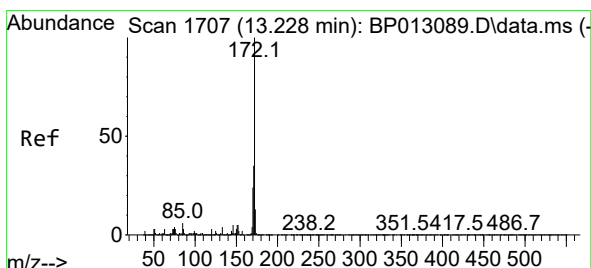
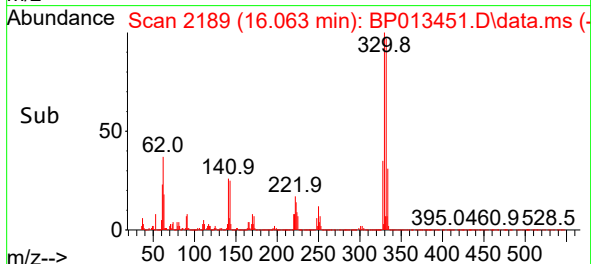
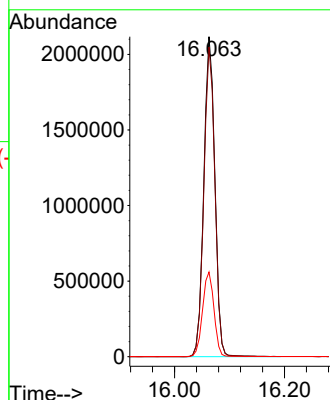
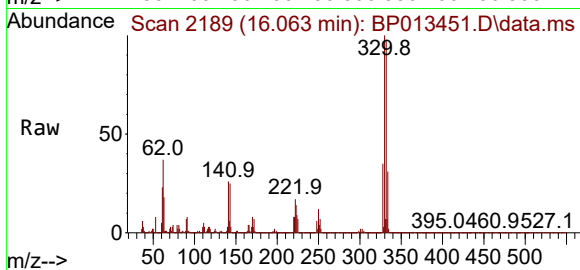
Tgt Ion:330 Resp: 2952843

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

141 27.3 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 58.224 ng

RT: 13.186 min Scan# 1700

Delta R.T. 0.006 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

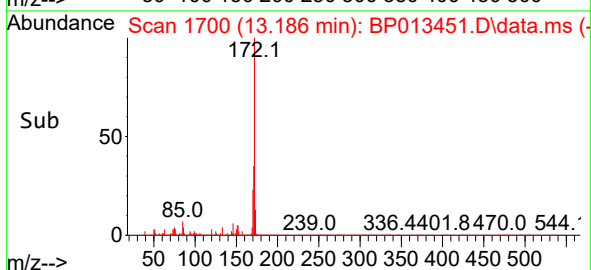
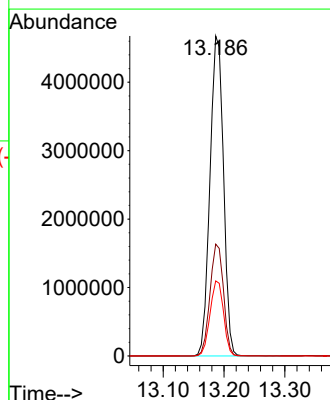
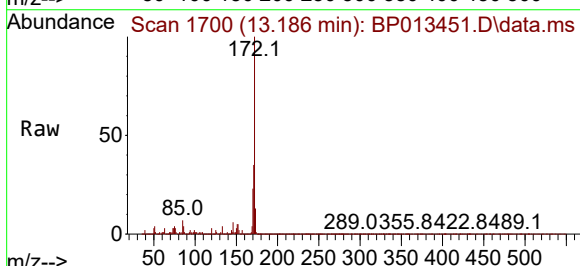
Tgt Ion:172 Resp: 7220096

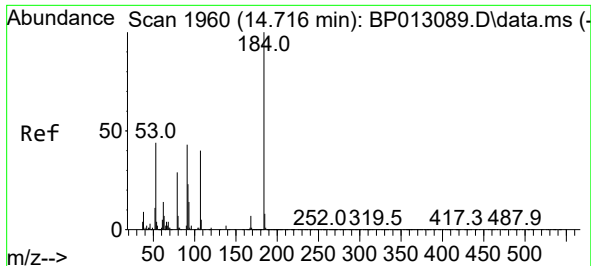
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.2 28.8

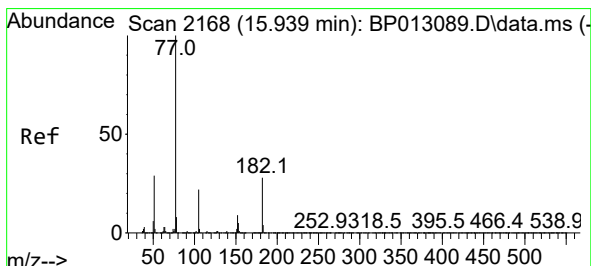
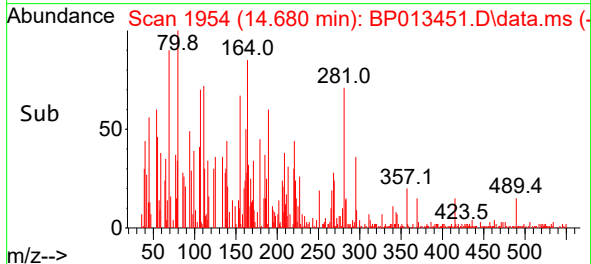
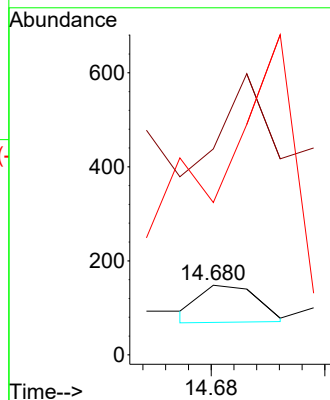
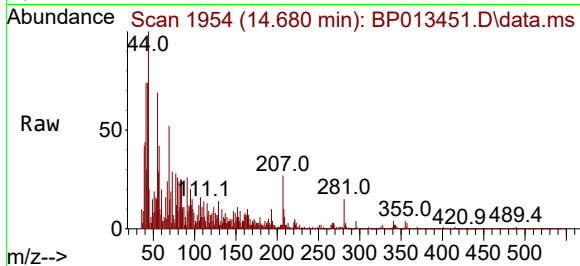




#54
2,4-Dinitrophenol
Concen: 3.601 ng
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

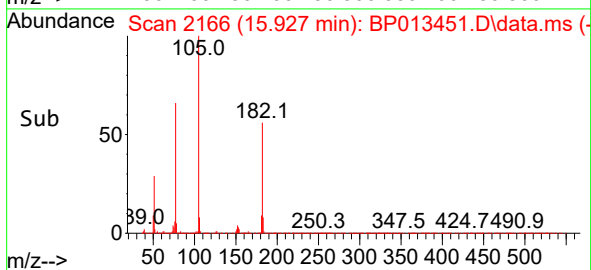
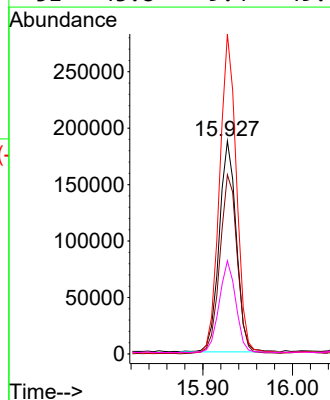
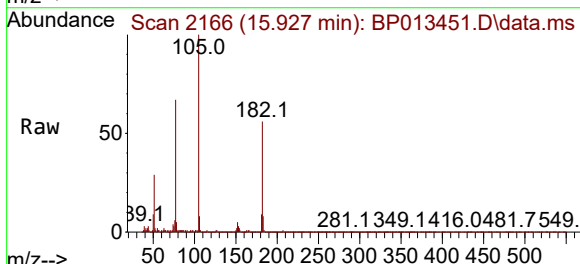
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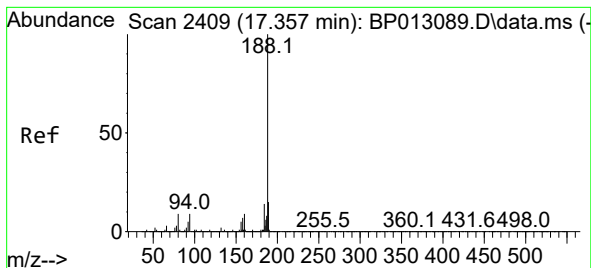
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 295.9 47.6 71.4#
154 218.9 45.5 68.3#



#63
Azobenzene
Concen: 2.354 ng
RT: 15.927 min Scan# 2166
Delta R.T. 0.029 min
Lab File: BP013451.D
Acq: 11 Jan 2023 19:20

Tgt Ion: 77 Resp: 247642
Ion Ratio Lower Upper
77 100
182 84.2 8.3 48.3#
105 150.2 1.6 41.6#
51 43.8 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2404

Delta R.T. 0.012 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

Instrument :

BNA_P

ClientSampleId :

S-14-01

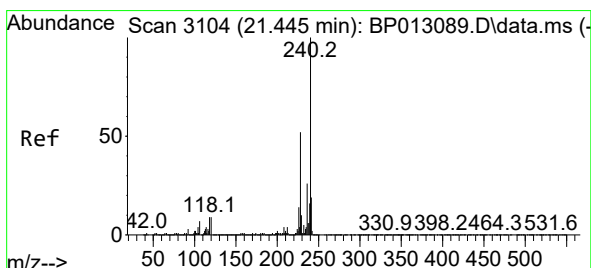
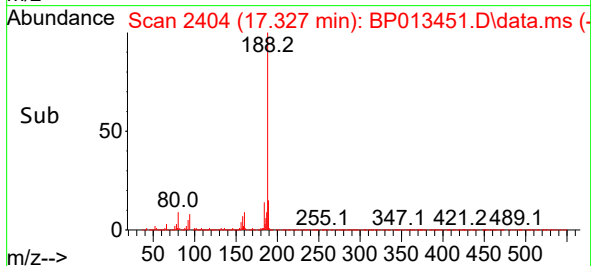
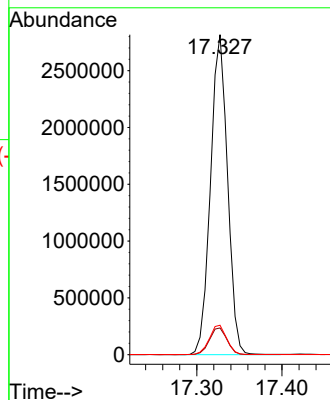
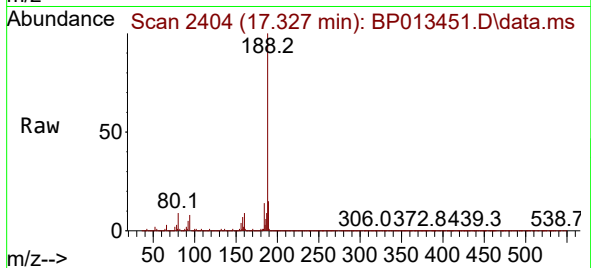
Tgt Ion:188 Resp: 3904461

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

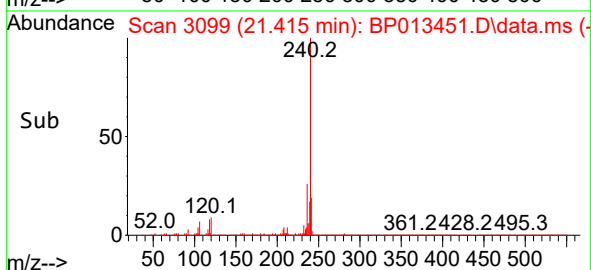
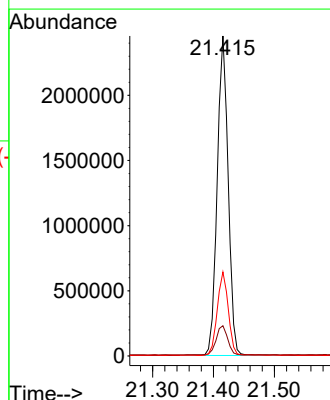
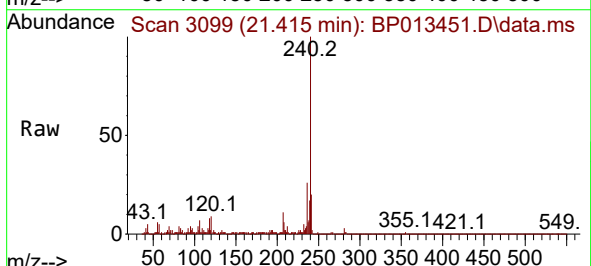
Tgt Ion:240 Resp: 3057879

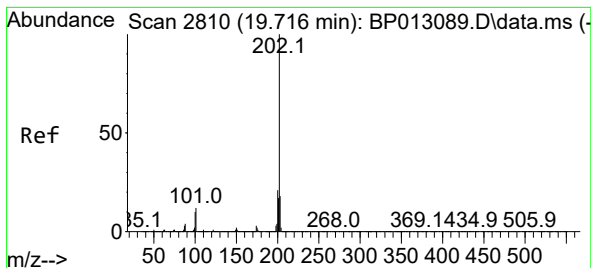
Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.2

236 26.2 21.0 31.4





#78

Pyrene

Concen: 2.253 ng

RT: 19.686 min Scan# 2805

Delta R.T. 0.006 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

Instrument :

BNA_P

ClientSampleId :

S-14-01

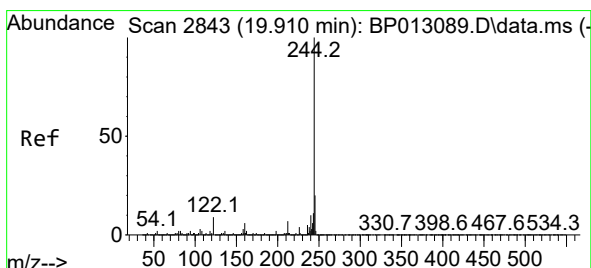
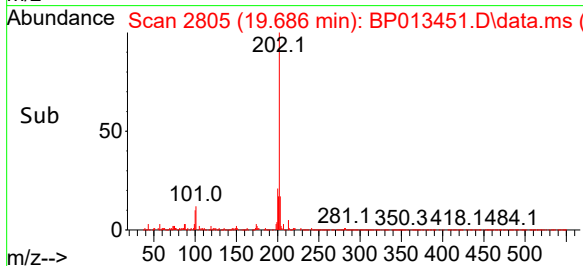
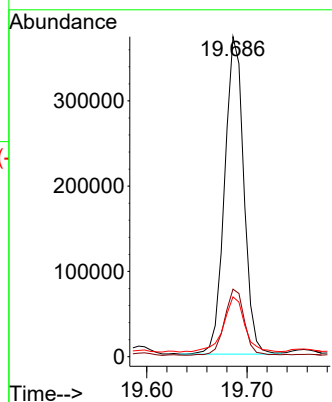
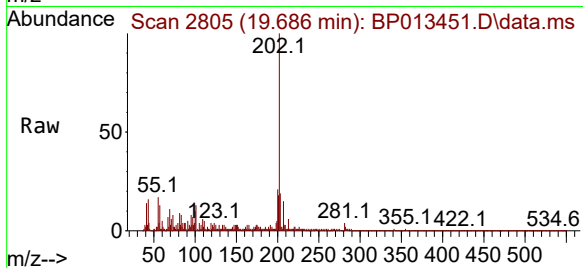
Tgt Ion:202 Resp: 495017

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 18.7 14.2 21.2



#79

Terphenyl-d14

Concen: 68.372 ng

RT: 19.880 min Scan# 2838

Delta R.T. 0.006 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

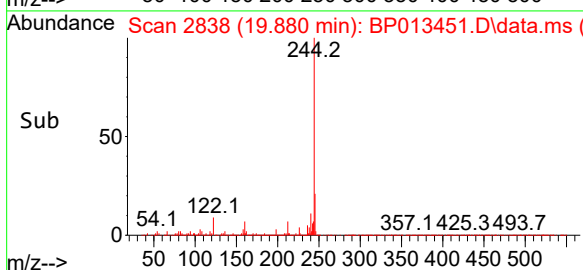
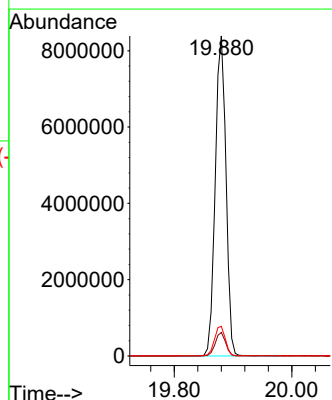
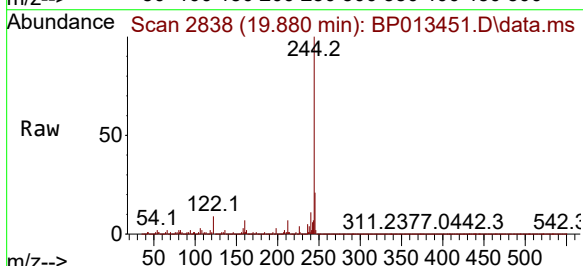
Tgt Ion:244 Resp:10597362

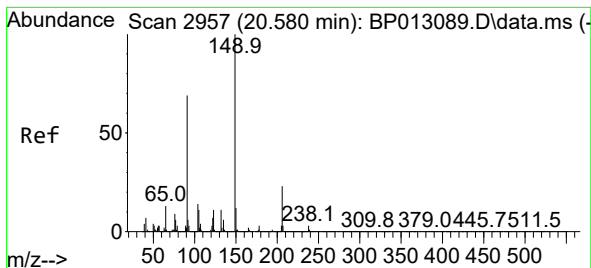
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 9.3 7.2 10.8





#80

Butylbenzylphthalate

Concen: 2.324 ng

RT: 20.551 min Scan# 2957

Delta R.T. 0.006 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

Instrument :

BNA_P

ClientSampleId :

S-14-01

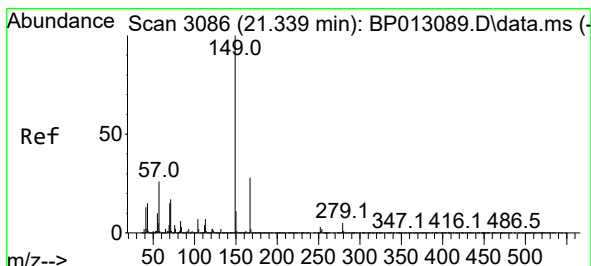
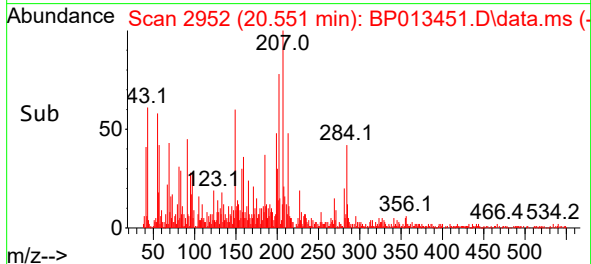
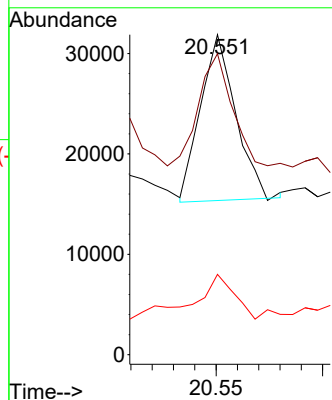
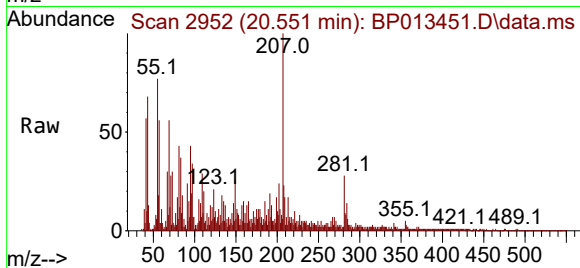
Tgt Ion:149 Resp: 18990

Ion Ratio Lower Upper

149 100

91 94.1 55.2 82.8#

206 25.1 18.3 27.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.349 ng

RT: 21.304 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

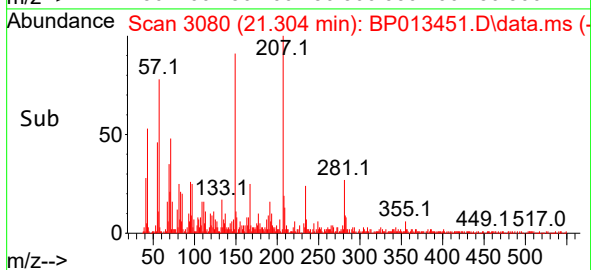
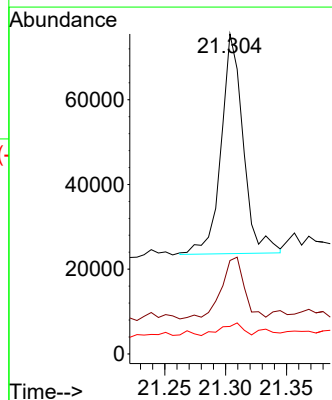
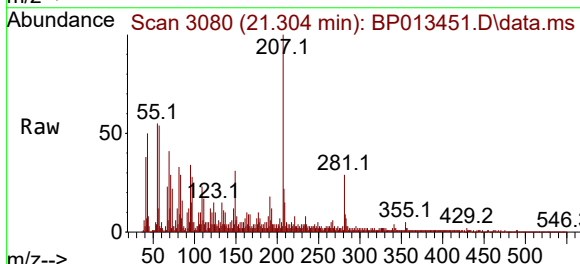
Tgt Ion:149 Resp: 65349

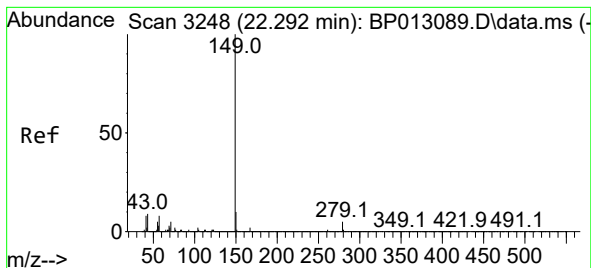
Ion Ratio Lower Upper

149 100

167 29.2 22.6 34.0

279 8.6 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 2.311 ng

RT: 22.251 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

Instrument :

BNA_P

ClientSampleId :

S-14-01

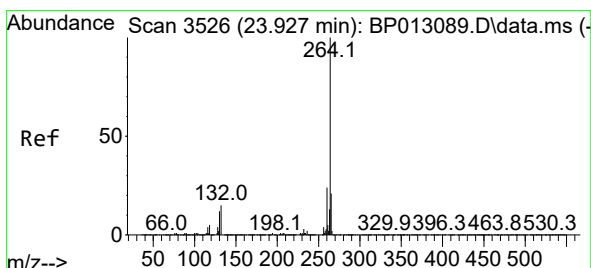
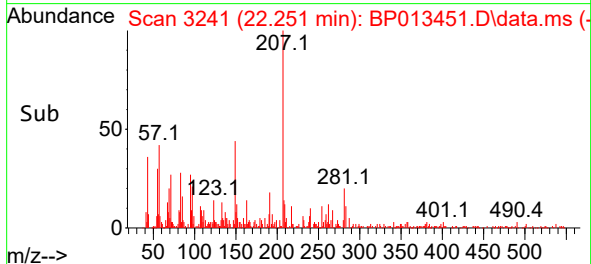
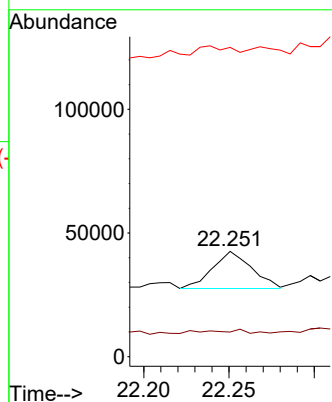
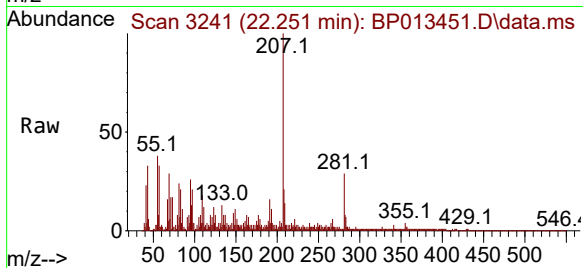
Tgt Ion:149 Resp: 24102

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 37.0 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3519

Delta R.T. 0.017 min

Lab File: BP013451.D

Acq: 11 Jan 2023 19:20

Tgt Ion:264 Resp: 3181360

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.3 17.7 26.5

