

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013448.D
 Acq On : 11 Jan 2023 17:37
 Operator : CG/JU
 Sample : 01064-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-13-02

Quant Time: Jan 12 02:19:18 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)

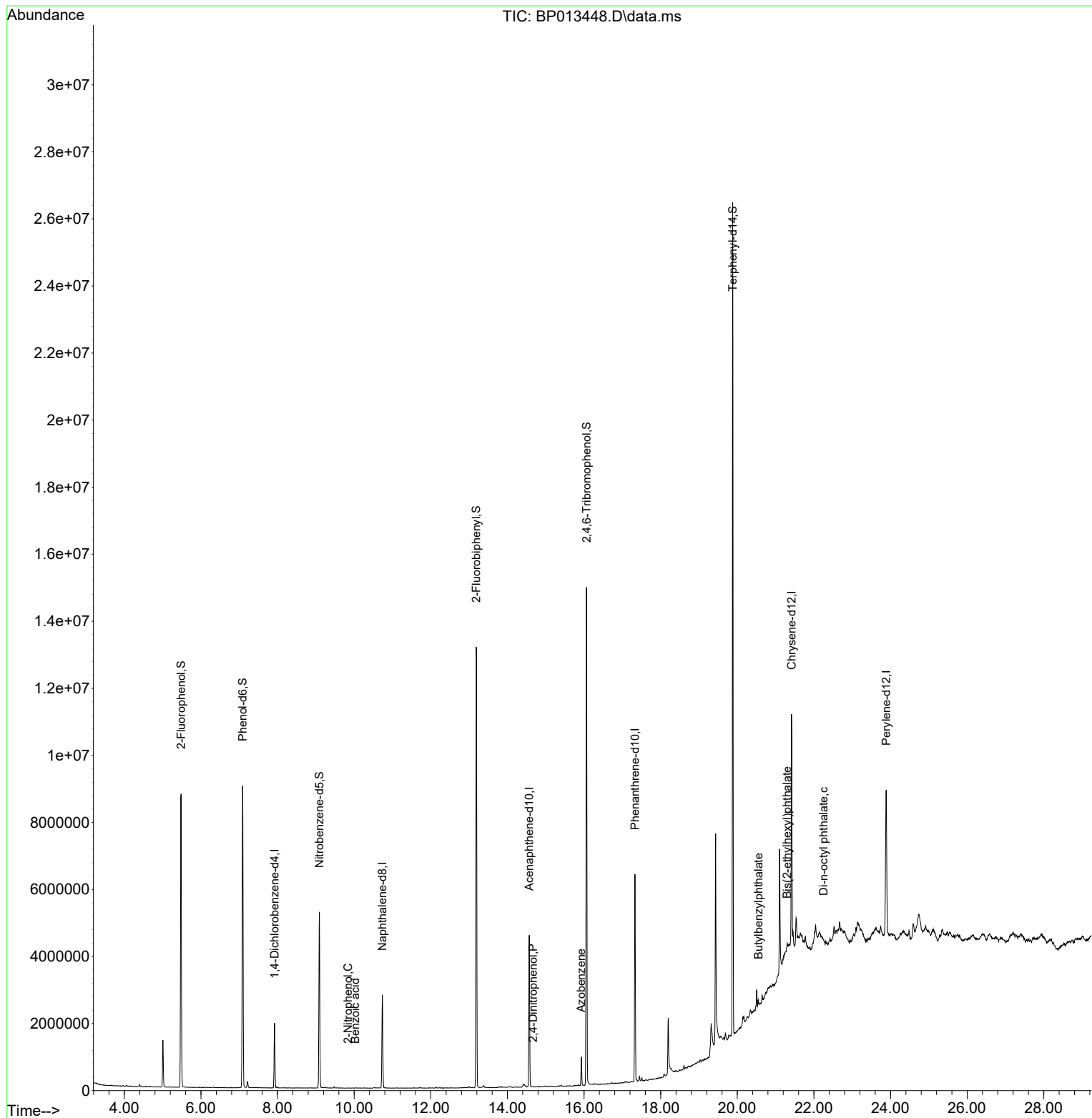
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	516488	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2242835	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1542499	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3756053	20.000	ng	0.01
76) Chrysene-d12	21.416	240	3446357	20.000	ng	0.00
86) Perylene-d12	23.886	264	3549370	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3822626	135.230	ng	0.01
7) Phenol-d6	7.087	99	4992695	135.246	ng	0.01
23) Nitrobenzene-d5	9.093	82	2843549	69.506	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	3083462	165.798	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	6908266	60.810	ng	0.00
79) Terphenyl-d14	19.880	244	11669122	66.800	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.840	139	96	2.794	ng	# 1
32) Benzoic acid	10.028	122	346	4.387	ng	# 33
54) 2,4-Dinitrophenol	14.669	184	112	3.604	ng	# 1
63) Azobenzene	15.928	77	223284	2.316	ng	# 1
80) Butylbenzylphthalate	20.557	149	5959	2.157	ng	# 64
84) Bis(2-ethylhexyl)phtha...	21.304	149	63792	3.273	ng	# 81
85) Di-n-octyl phthalate	22.251	149	29929	2.326	ng	# 76

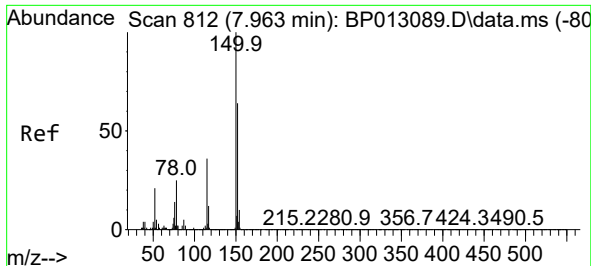
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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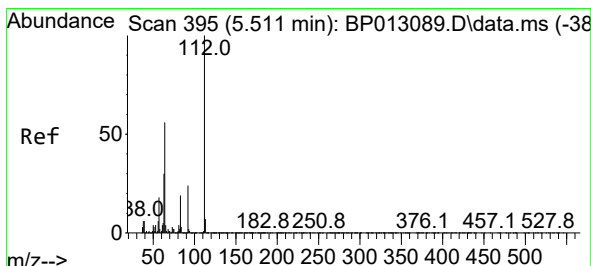
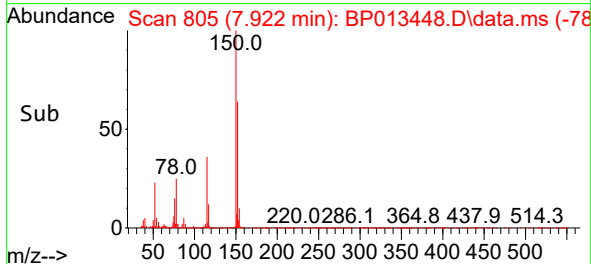
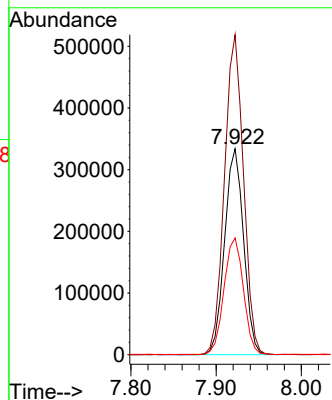
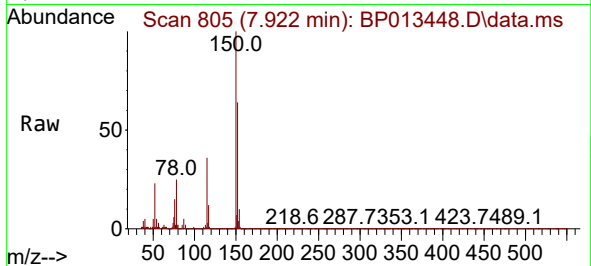




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013448.D
Acq: 11 Jan 2023 17:37

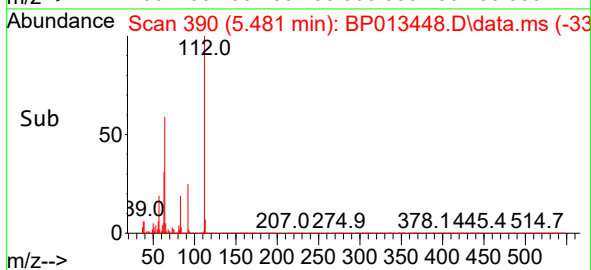
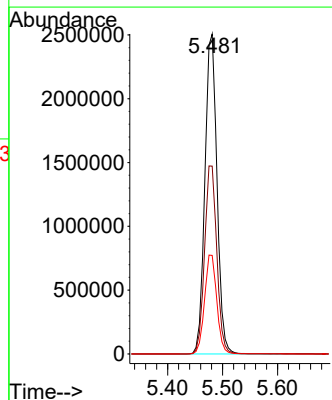
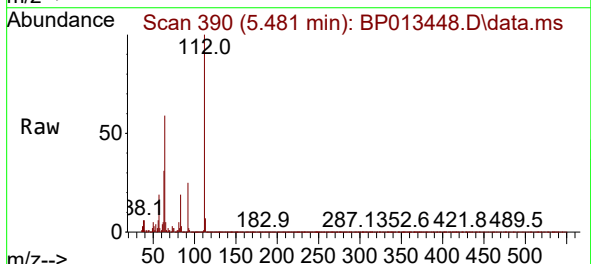
Instrument :
BNA_P
ClientSampleId :
S-13-02

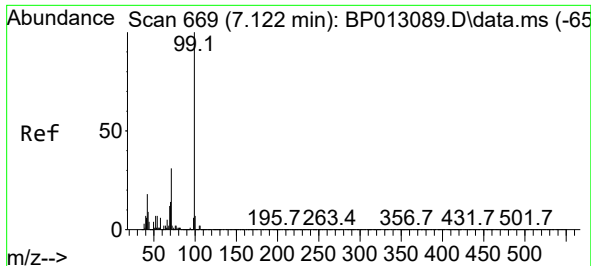
Tgt Ion:152 Resp: 516488
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 56.7 45.6 68.4



#5
2-Fluorophenol
Concen: 135.230 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013448.D
Acq: 11 Jan 2023 17:37

Tgt Ion:112 Resp: 3822626
Ion Ratio Lower Upper
112 100
64 58.7 45.1 67.7
63 30.8 23.8 35.6

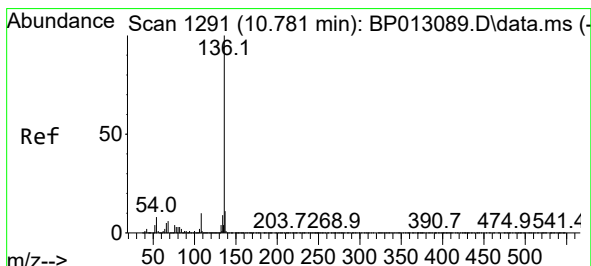
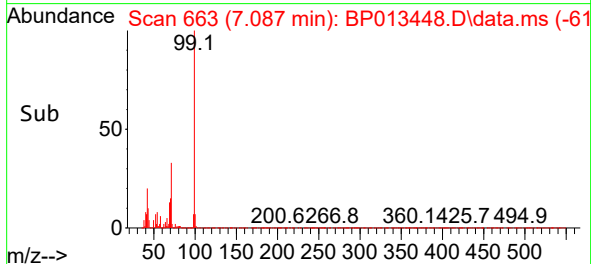
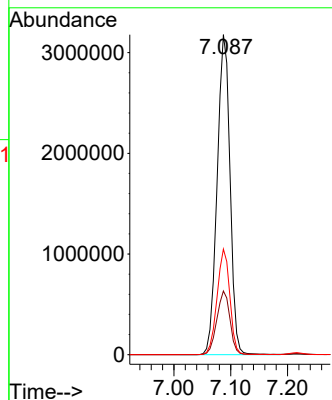
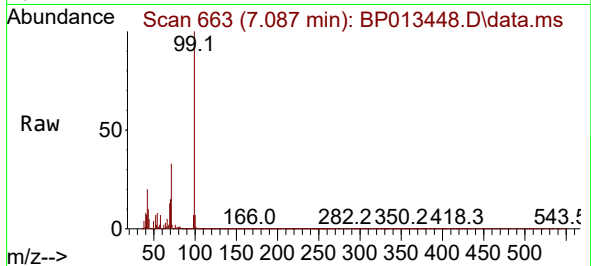




#7
Phenol-d6
Concen: 135.246 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP013448.D
Acq: 11 Jan 2023 17:37

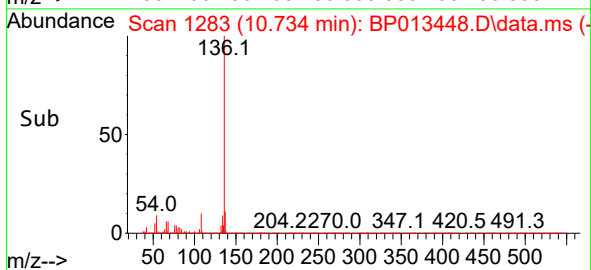
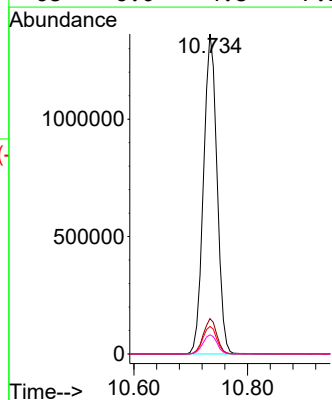
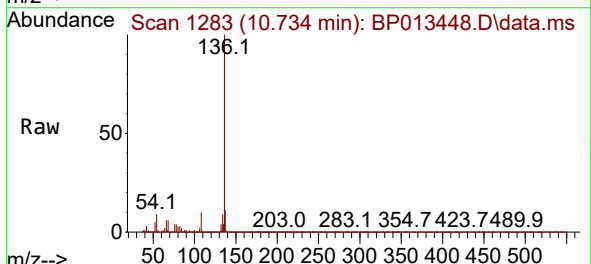
Instrument :
BNA_P
ClientSampleId :
S-13-02

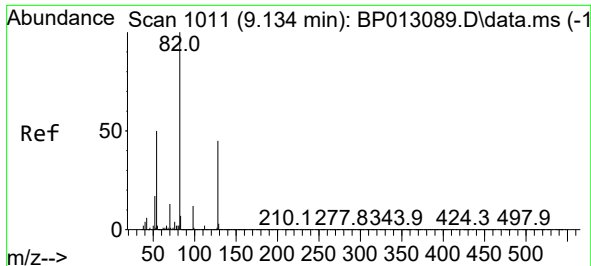
Tgt Ion: 99 Resp: 4992695
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 33.0 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP013448.D
Acq: 11 Jan 2023 17:37

Tgt Ion: 136 Resp: 2242835
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.6 6.2 9.4
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 69.506 ng

RT: 9.093 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

Instrument :

BNA_P

ClientSampleId :

S-13-02

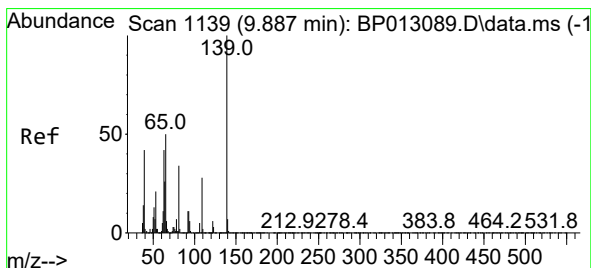
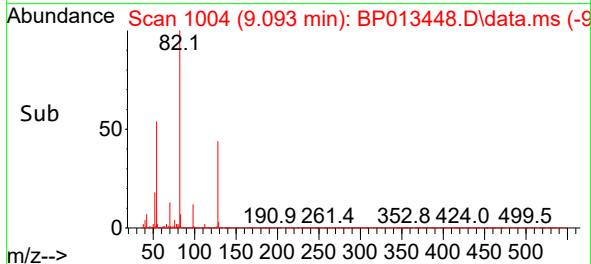
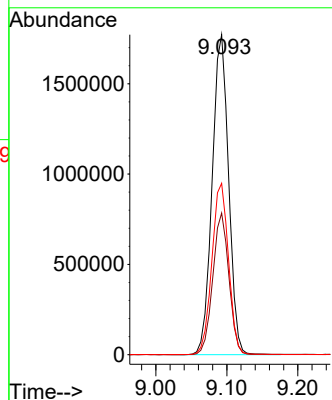
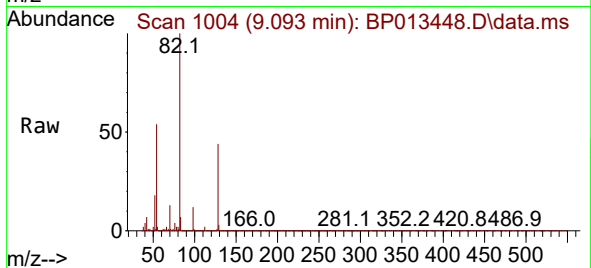
Tgt Ion: 82 Resp: 2843549

Ion Ratio Lower Upper

82 100

128 44.3 35.9 53.9

54 53.6 40.4 60.6



#26

2-Nitrophenol

Concen: 2.794 ng

RT: 9.840 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

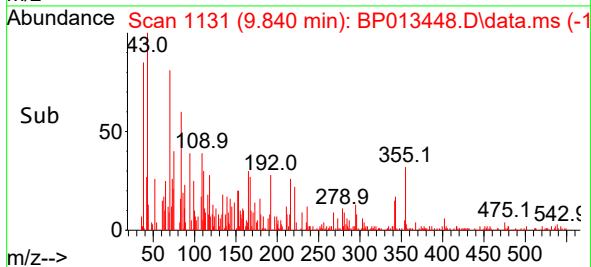
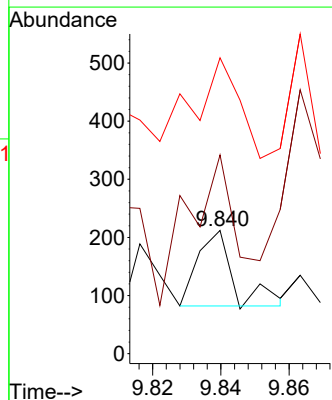
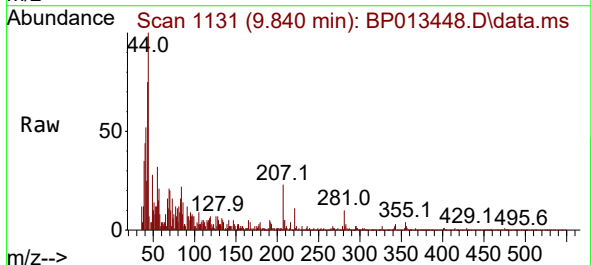
Tgt Ion:139 Resp: 96

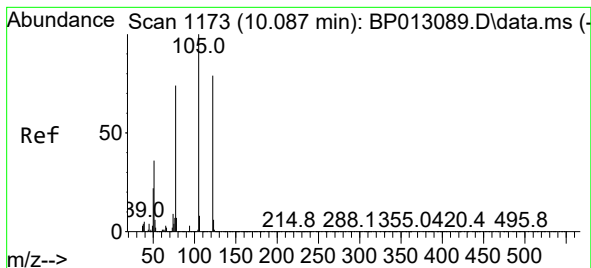
Ion Ratio Lower Upper

139 100

109 161.3 22.5 33.7#

65 240.1 39.9 59.9#





#32

Benzoic acid

Concen: 4.387 ng

RT: 10.028 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

Instrument :

BNA_P

ClientSampleId :

S-13-02

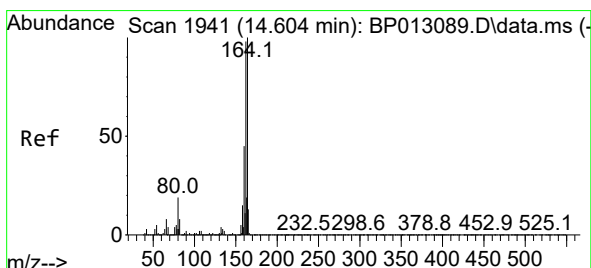
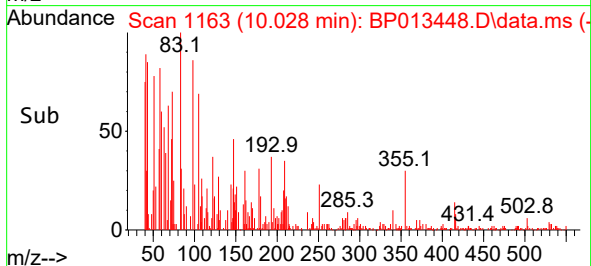
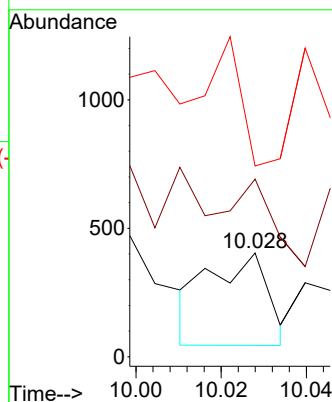
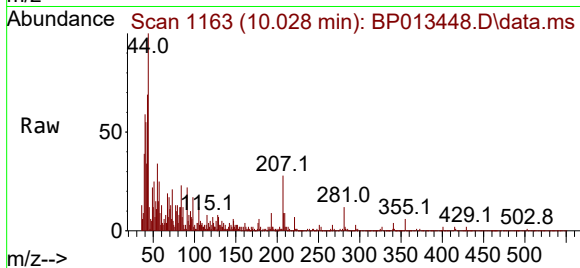
Tgt Ion:122 Resp: 346

Ion Ratio Lower Upper

122 100

105 171.3 101.9 141.9#

77 183.9 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: BP013448.D

Acq: 11 Jan 2023 17:37

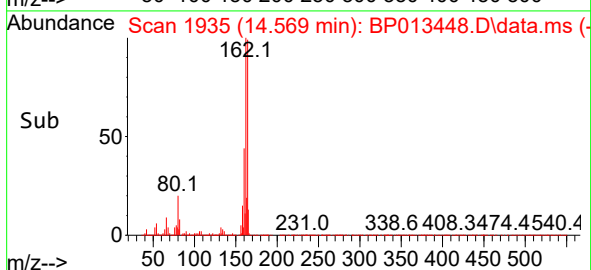
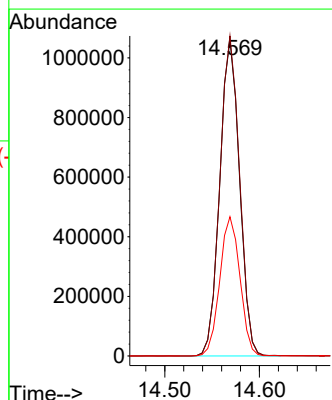
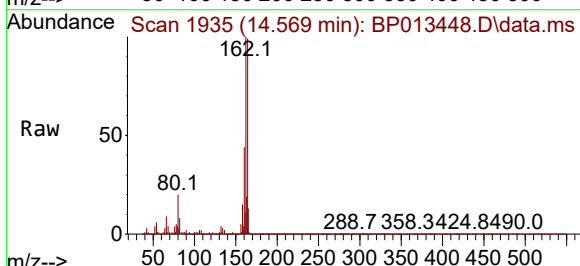
Tgt Ion:164 Resp: 1542499

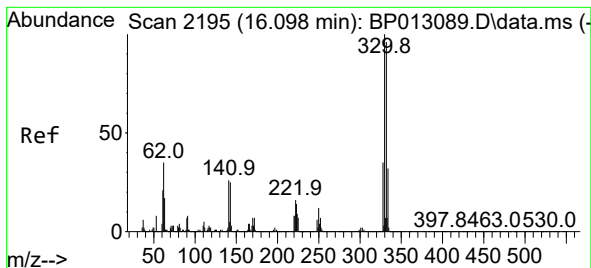
Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

160 44.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 165.798 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

Instrument :

BNA_P

ClientSampleId :

S-13-02

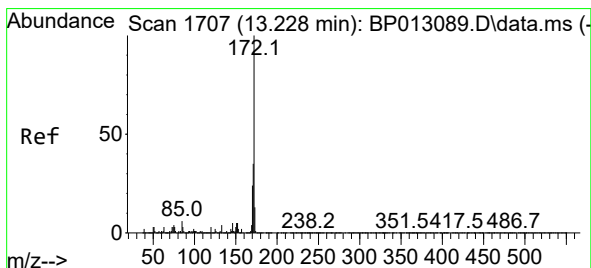
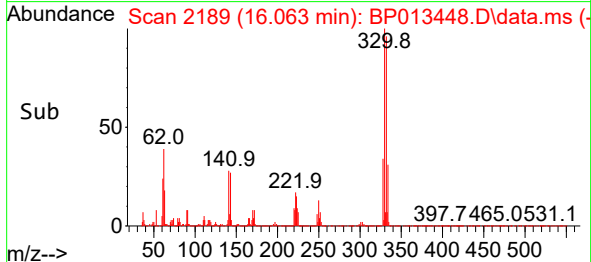
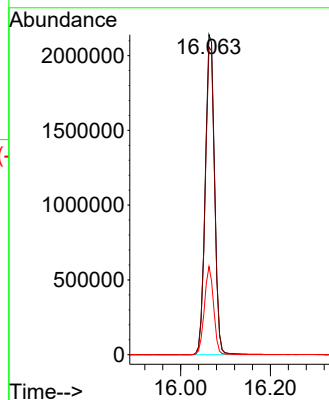
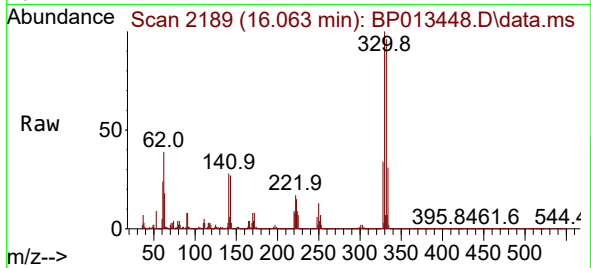
Tgt Ion:330 Resp: 3083462

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 27.3 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 60.810 ng

RT: 13.187 min Scan# 1700

Delta R.T. 0.006 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

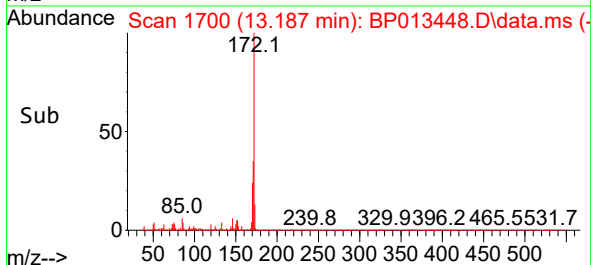
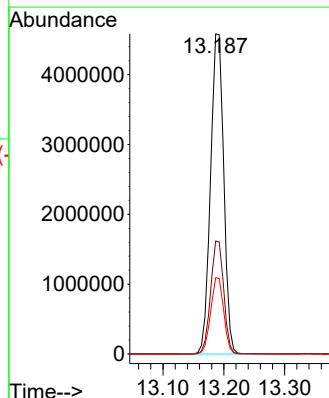
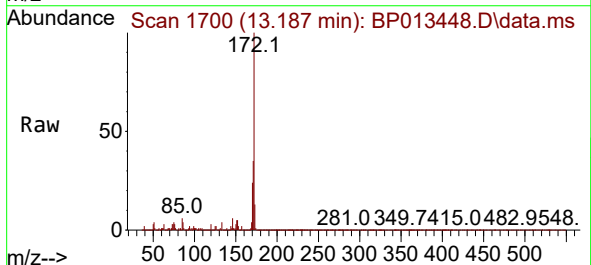
Tgt Ion:172 Resp: 6908266

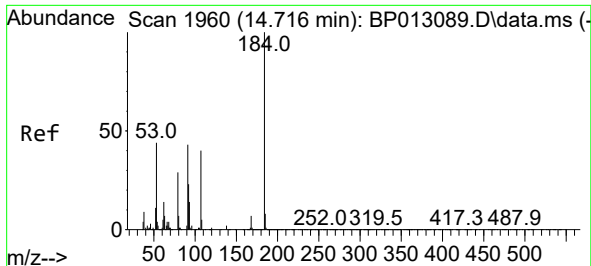
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.9 19.2 28.8

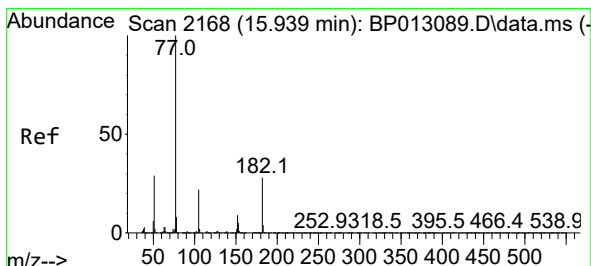
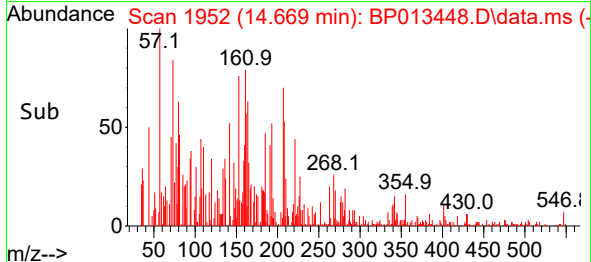
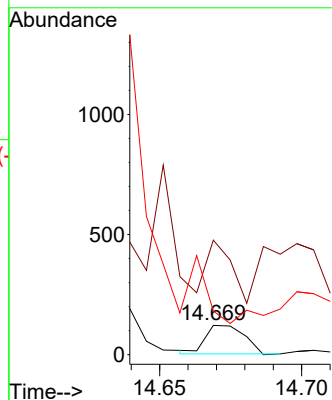
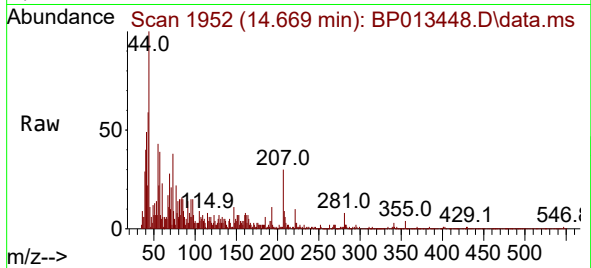




#54
2,4-Dinitrophenol
Concen: 3.604 ng
RT: 14.669 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP013448.D
Acq: 11 Jan 2023 17:37

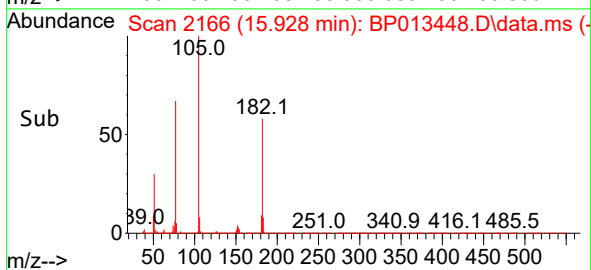
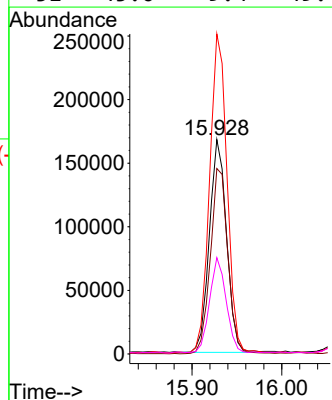
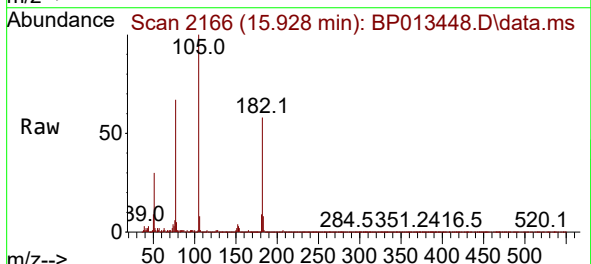
Instrument :
BNA_P
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S-13-02

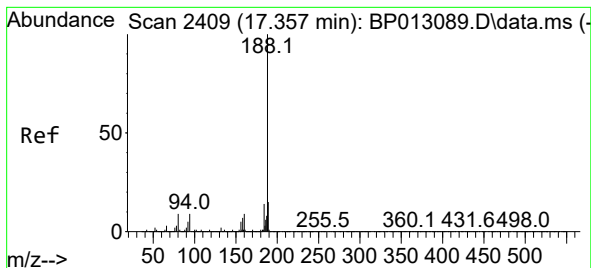
Tgt Ion:184 Resp: 112
Ion Ratio Lower Upper
184 100
63 391.0 47.6 71.4#
154 149.2 45.5 68.3#



#63
Azobenzene
Concen: 2.316 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.029 min
Lab File: BP013448.D
Acq: 11 Jan 2023 17:37

Tgt Ion: 77 Resp: 223284
Ion Ratio Lower Upper
77 100
182 86.5 8.3 48.3#
105 149.3 1.6 41.6#
51 45.0 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: BP013448.D

Acq: 11 Jan 2023 17:37

Instrument :

BNA_P

ClientSampleId :

S-13-02

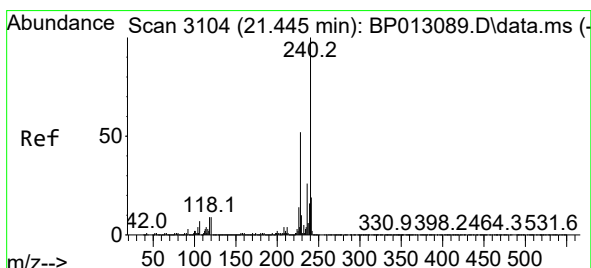
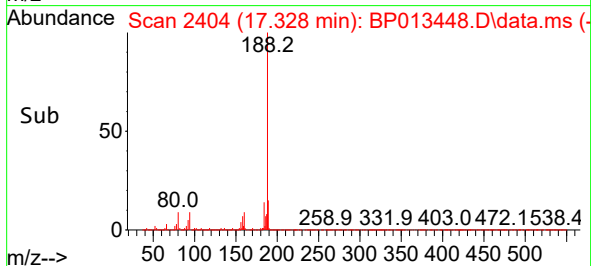
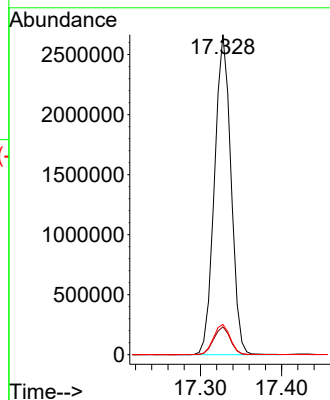
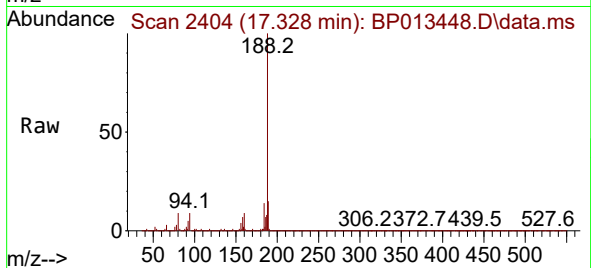
Tgt Ion:188 Resp: 3756053

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.4 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: BP013448.D

Acq: 11 Jan 2023 17:37

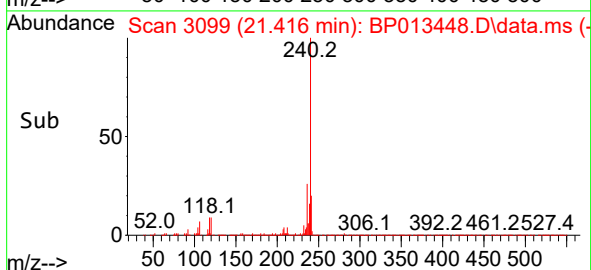
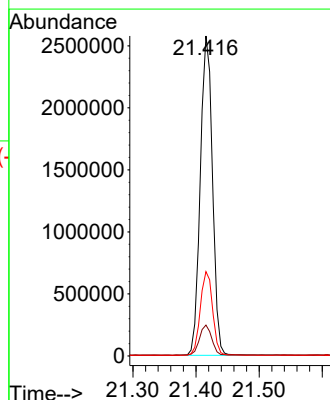
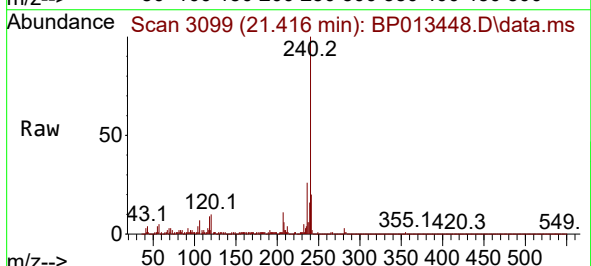
Tgt Ion:240 Resp: 3446357

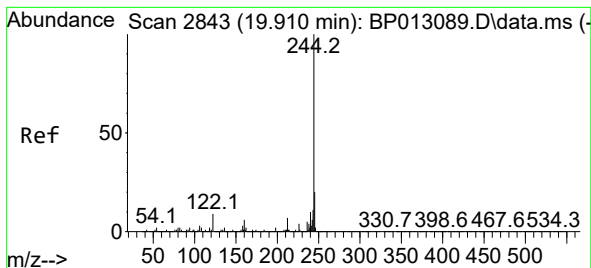
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 66.800 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

Instrument :

BNA_P

ClientSampleId :

S-13-02

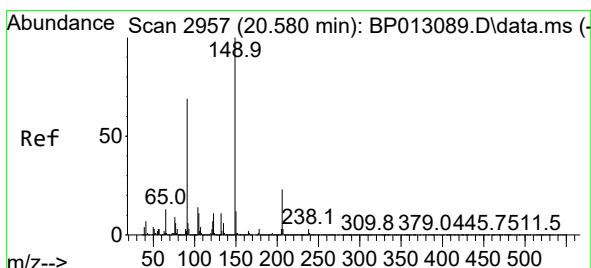
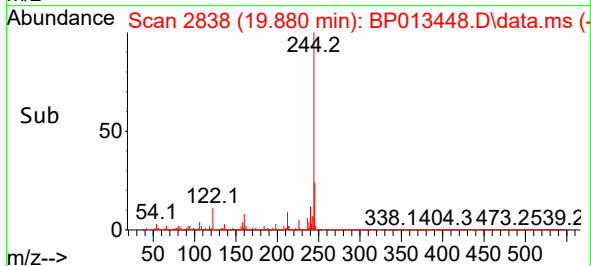
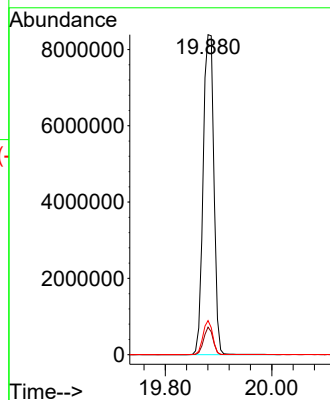
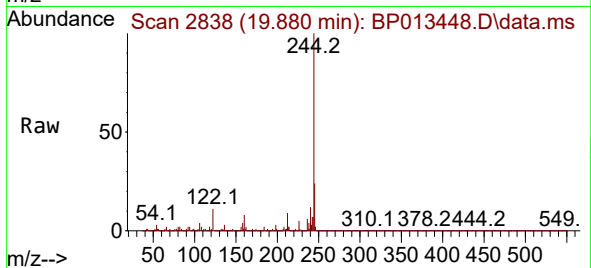
Tgt Ion:244 Resp:11669122

Ion Ratio Lower Upper

244 100

212 8.6 5.5 8.3#

122 10.6 7.2 10.8



#80

Butylbenzylphthalate

Concen: 2.157 ng

RT: 20.557 min Scan# 2953

Delta R.T. 0.012 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

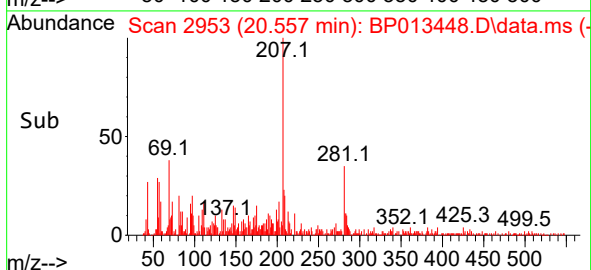
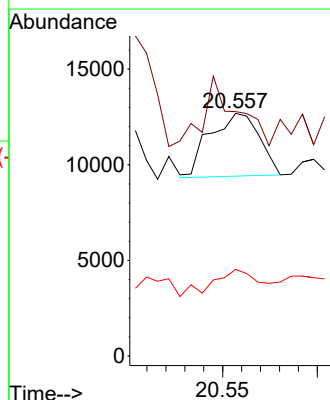
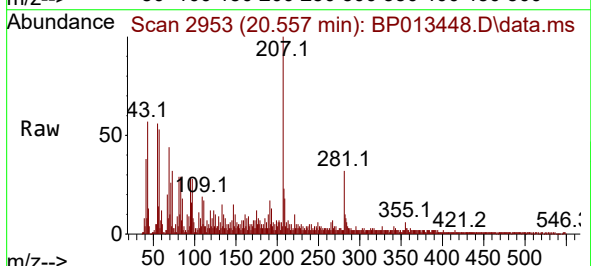
Tgt Ion:149 Resp: 5959

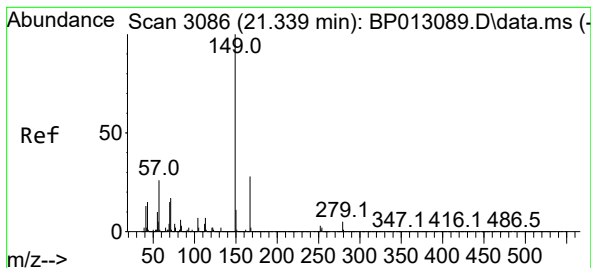
Ion Ratio Lower Upper

149 100

91 100.7 55.2 82.8#

206 35.7 18.3 27.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.273 ng

RT: 21.304 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

Instrument :

BNA_P

ClientSampleId :

S-13-02

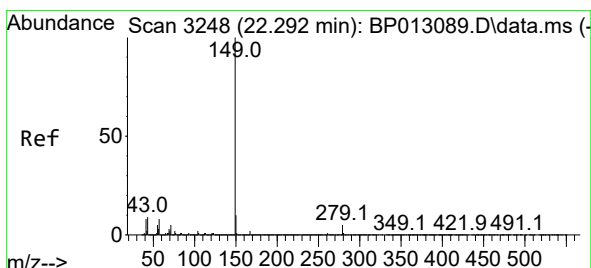
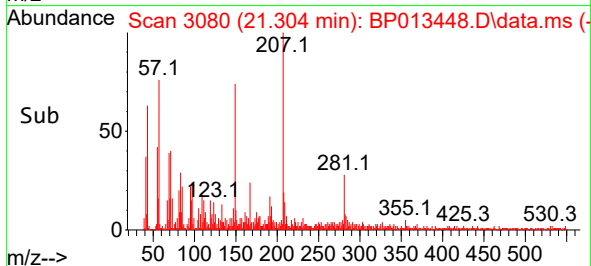
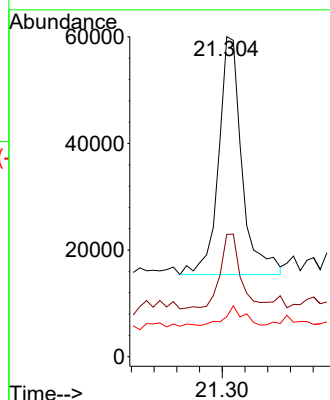
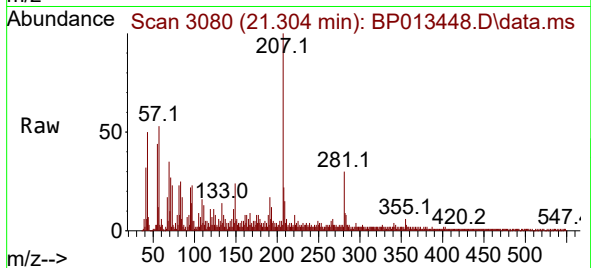
Tgt Ion:149 Resp: 63792

Ion Ratio Lower Upper

149 100

167 38.2 22.6 34.0#

279 12.5 3.8 5.6#



#85

Di-n-octyl phthalate

Concen: 2.326 ng

RT: 22.251 min Scan# 3241

Delta R.T. 0.006 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

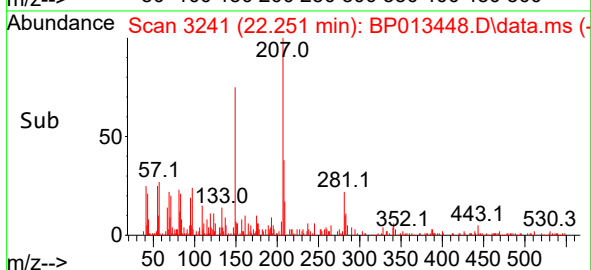
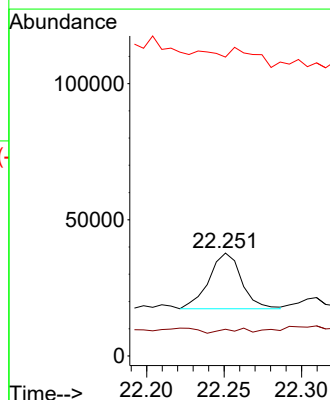
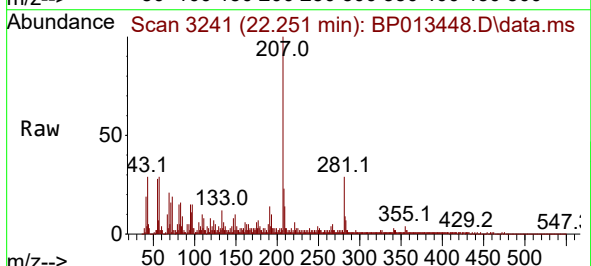
Tgt Ion:149 Resp: 29929

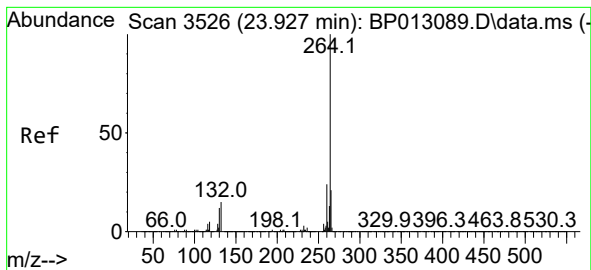
Ion Ratio Lower Upper

149 100

167 3.5 1.3 1.9#

43 0.0 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP013448.D

Acq: 11 Jan 2023 17:37

Instrument :

BNA_P

ClientSampleId :

S-13-02

Tgt Ion:264 Resp: 3549370

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.1 17.7 26.5

