

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013449.D
 Acq On : 11 Jan 2023 18:12
 Operator : CG/JU
 Sample : 01069-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7

Quant Time: Jan 12 02:19:35 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)

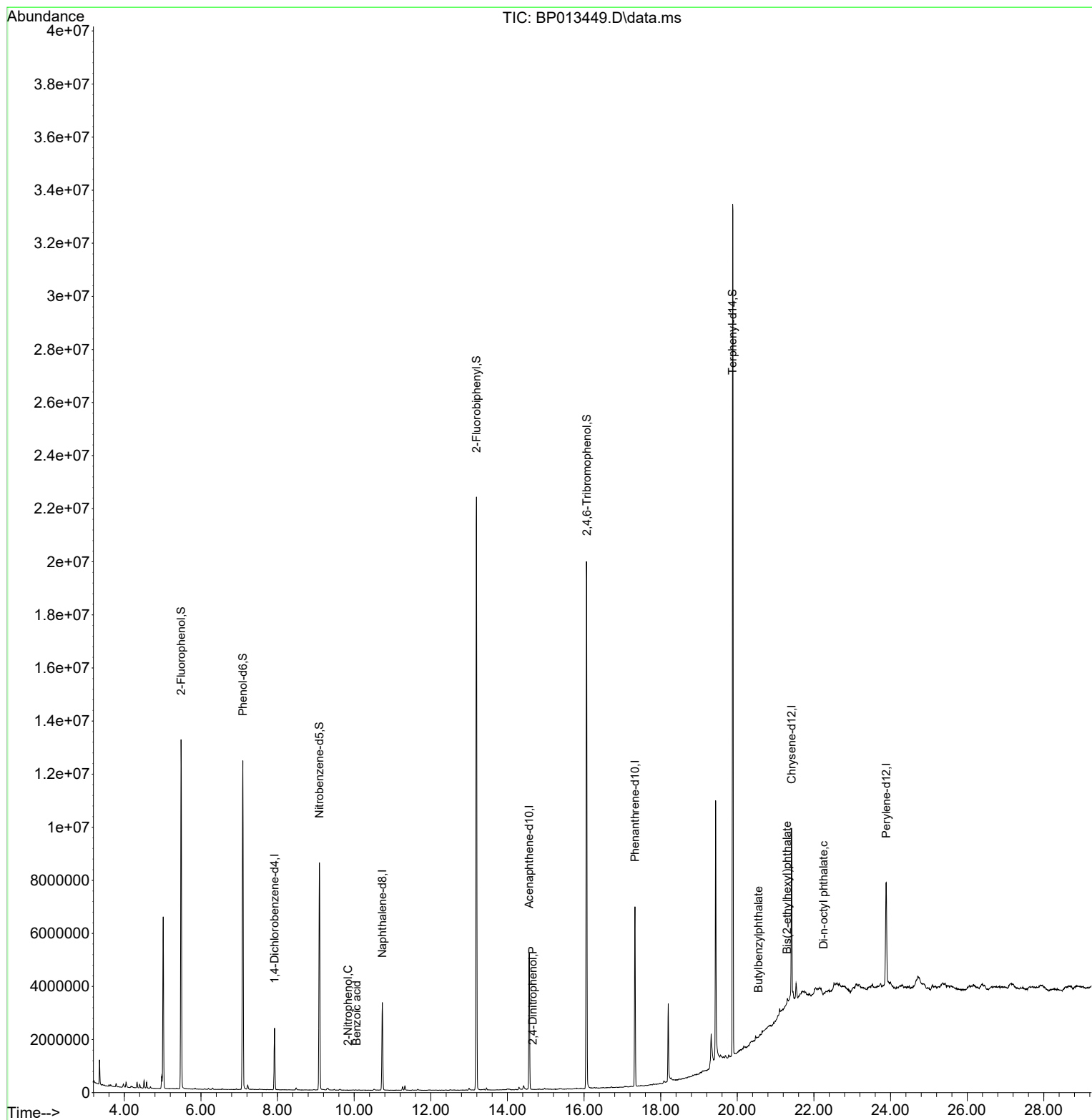
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	622953	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2650771	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1790155	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	4040817	20.000	ng	0.01
76) Chrysene-d12	21.416	240	2944981	20.000	ng	0.00
86) Perylene-d12	23.886	264	3067133	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	5573892	163.483	ng	0.01
7) Phenol-d6	7.093	99	6975738	156.669	ng	0.02
23) Nitrobenzene-d5	9.093	82	4854920	100.408	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	4381769	203.013	ng	0.01
45) 2-Fluorobiphenyl	13.192	172	11874690	90.066	ng	0.01
79) Terphenyl-d14	19.874	244	14657466	98.192	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.840	139	185	2.796	ng	# 1
32) Benzoic acid	10.063	122	128	4.379	ng	# 1
54) 2,4-Dinitrophenol	14.663	184	159	3.606	ng	# 1
80) Butylbenzylphthalate	20.551	149	2955	2.130	ng	# 45
84) Bis(2-ethylhexyl)phtha...	21.304	149	63567	3.355	ng	# 85
85) Di-n-octyl phthalate	22.251	149	26400	2.331	ng	# 80

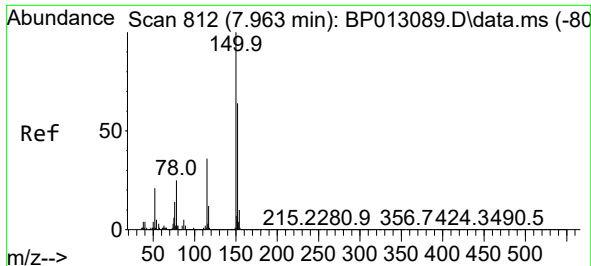
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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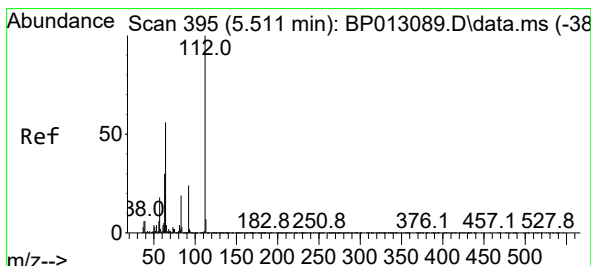
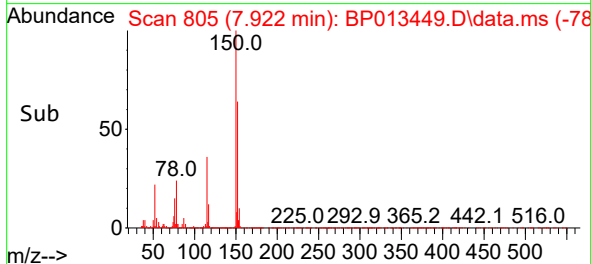
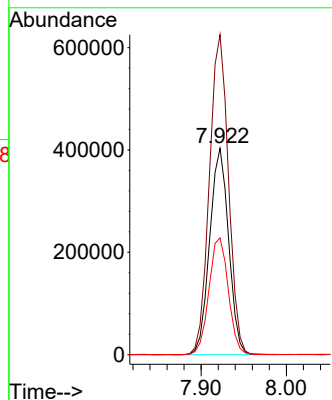
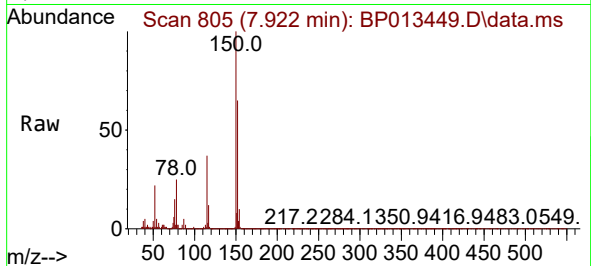




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013449.D
Acq: 11 Jan 2023 18:12

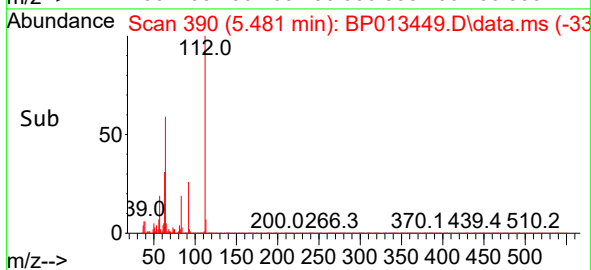
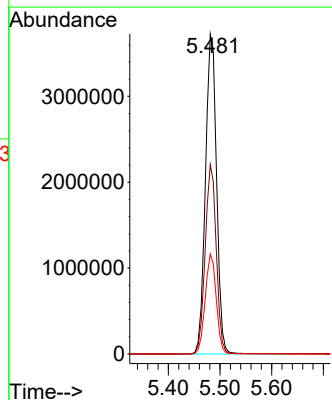
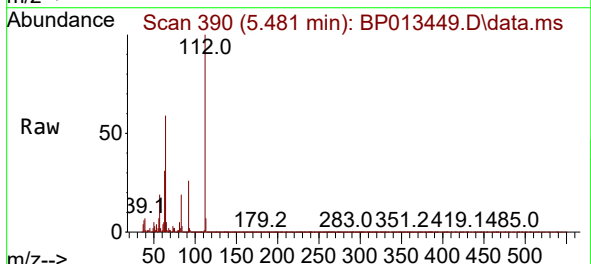
Instrument :
BNA_P
ClientSampleId :
TP-7

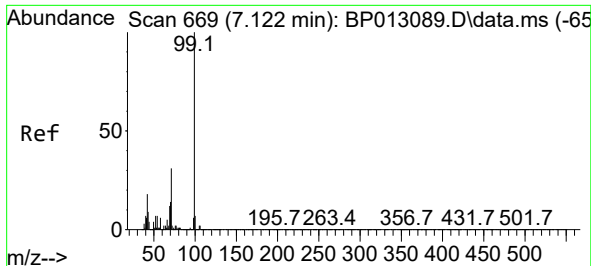
Tgt Ion:152 Resp: 622953
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 56.6 45.6 68.4



#5
2-Fluorophenol
Concen: 163.483 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013449.D
Acq: 11 Jan 2023 18:12

Tgt Ion:112 Resp: 5573892
Ion Ratio Lower Upper
112 100
64 59.2 45.1 67.7
63 31.3 23.8 35.6





#7

Phenol-d6

Concen: 156.669 ng

RT: 7.093 min Scan# 60

Delta R.T. 0.018 min

Lab File: BP013449.D

Acq: 11 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

TP-7

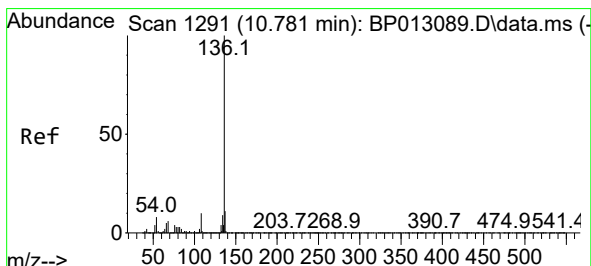
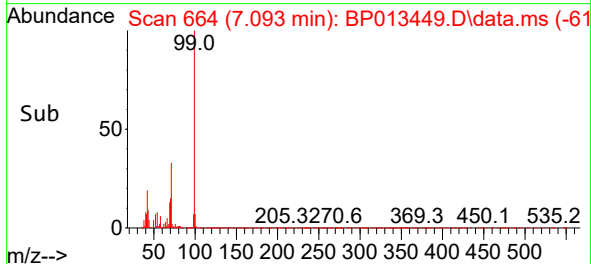
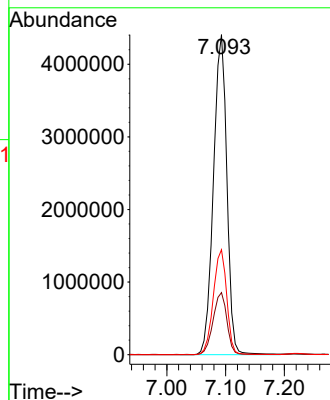
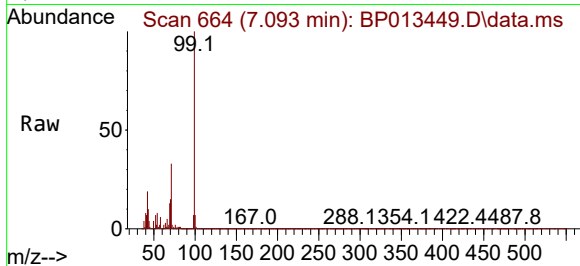
Tgt Ion: 99 Resp: 6975738

Ion Ratio Lower Upper

99 100

42 19.4 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: BP013449.D

Acq: 11 Jan 2023 18:12

Tgt Ion:136 Resp: 2650771

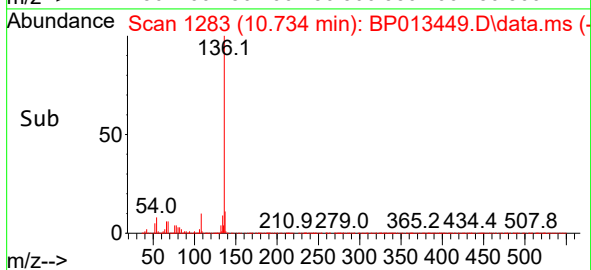
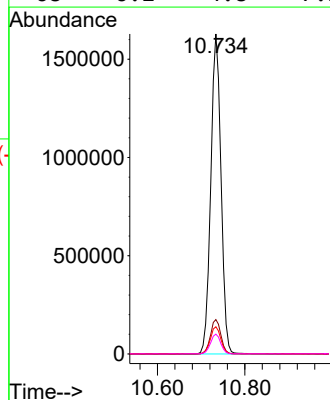
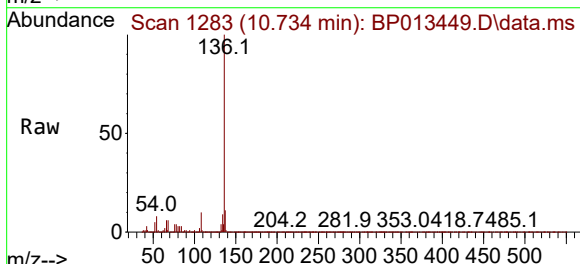
Ion Ratio Lower Upper

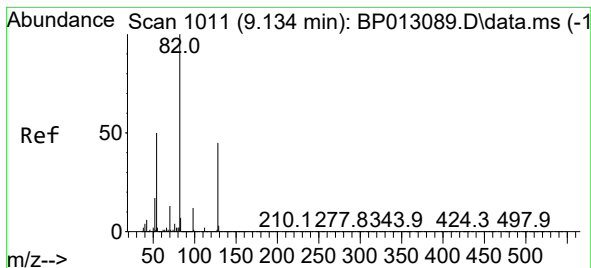
136 100

137 10.7 8.7 13.1

54 8.5 6.2 9.4

68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 100.408 ng

RT: 9.093 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BP013449.D

Acq: 11 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

TP-7

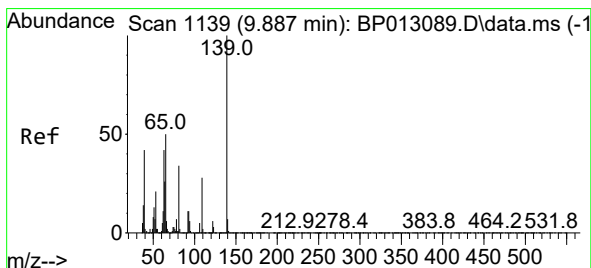
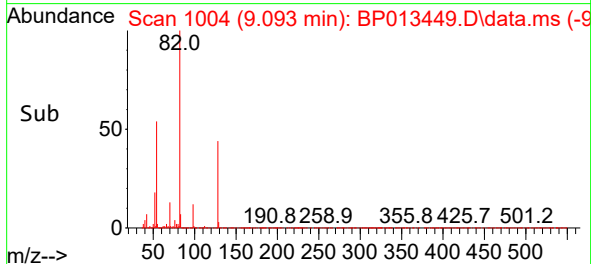
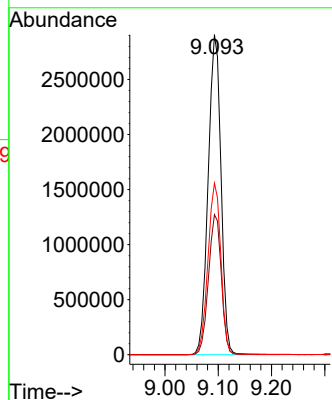
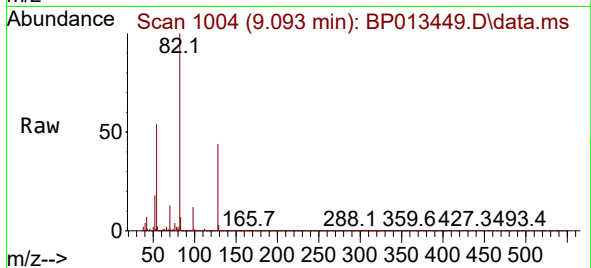
Tgt Ion: 82 Resp: 4854920

Ion Ratio Lower Upper

82 100

128 43.7 35.9 53.9

54 53.6 40.4 60.6



#26

2-Nitrophenol

Concen: 2.796 ng

RT: 9.840 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BP013449.D

Acq: 11 Jan 2023 18:12

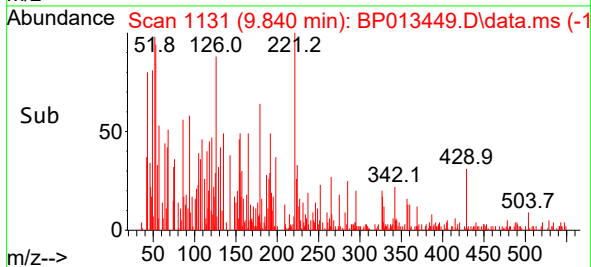
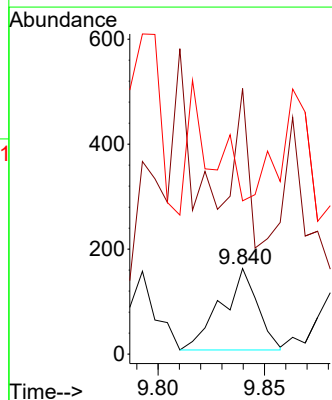
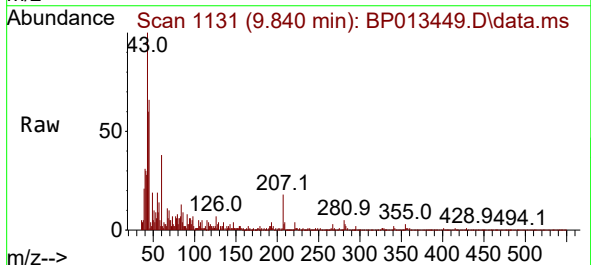
Tgt Ion:139 Resp: 185

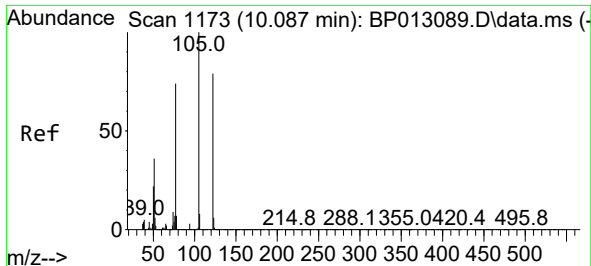
Ion Ratio Lower Upper

139 100

109 310.4 22.5 33.7#

65 179.1 39.9 59.9#

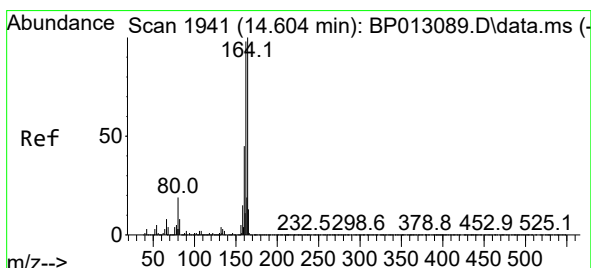
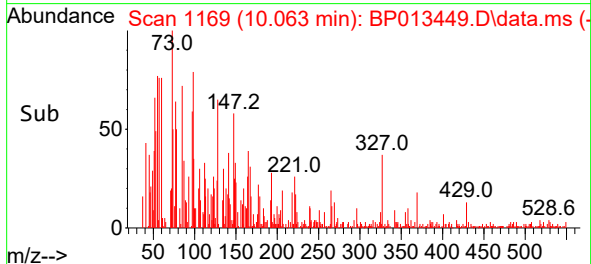
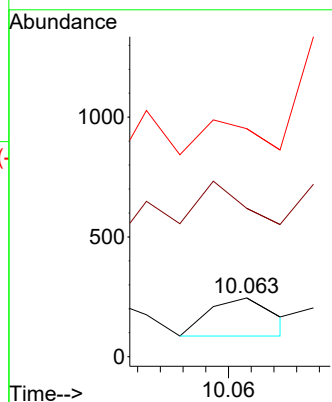
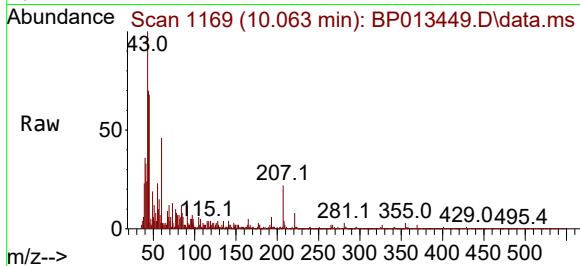




#32
Benzoic acid
Concen: 4.379 ng
RT: 10.063 min Scan# 1173
Delta R.T. 0.035 min
Lab File: BP013449.D
Acq: 11 Jan 2023 18:12

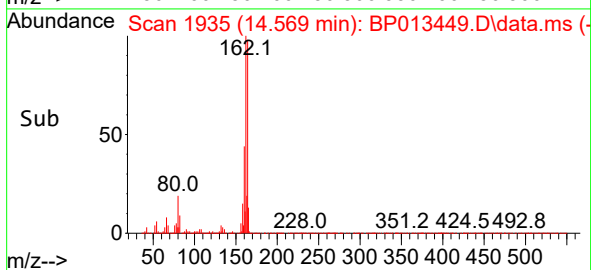
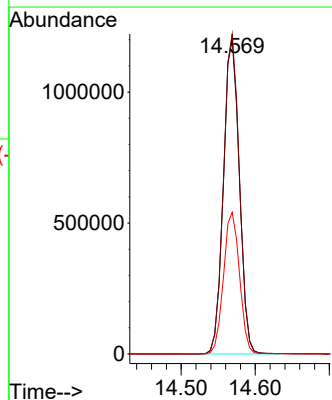
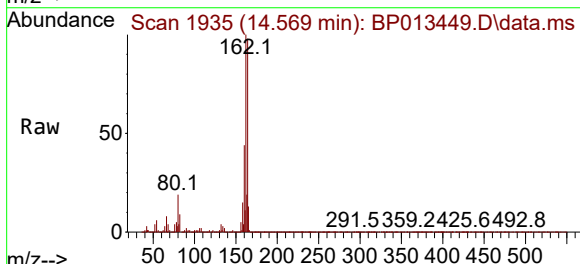
Instrument :
BNA_P
ClientSampleId :
TP-7

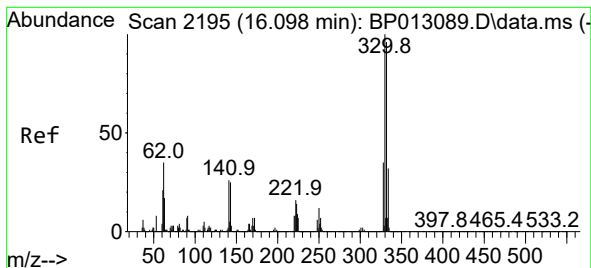
Tgt Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 252.7 101.9 141.9#
77 388.6 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP013449.D
Acq: 11 Jan 2023 18:12

Tgt Ion:164 Resp: 1790155
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 45.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 203.013 ng

RT: 16.069 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP013449.D

Acq: 11 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

TP-7

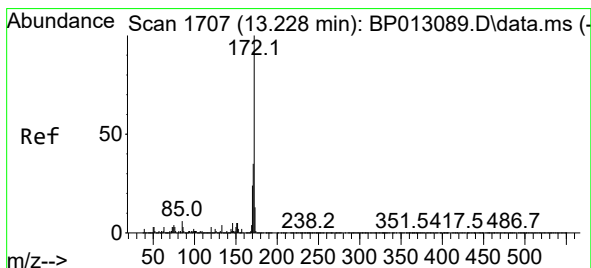
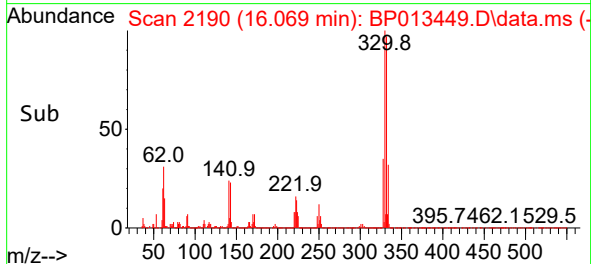
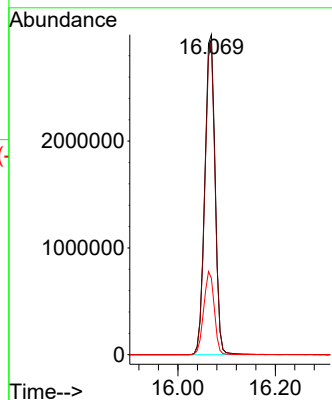
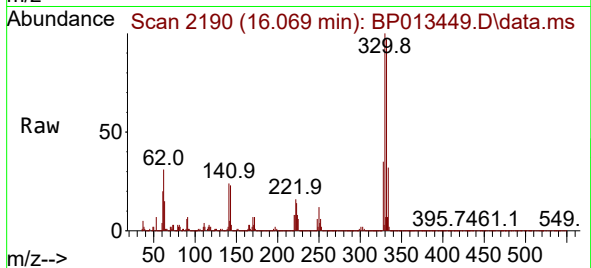
Tgt Ion:330 Resp: 4381769

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

141 26.6 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 90.066 ng

RT: 13.192 min Scan# 1701

Delta R.T. 0.012 min

Lab File: BP013449.D

Acq: 11 Jan 2023 18:12

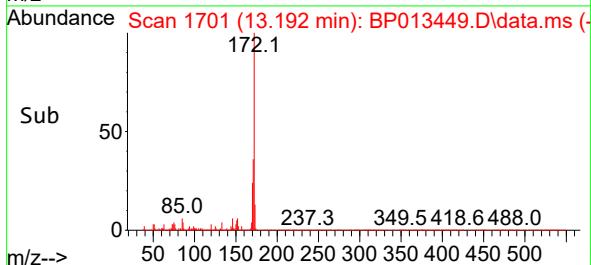
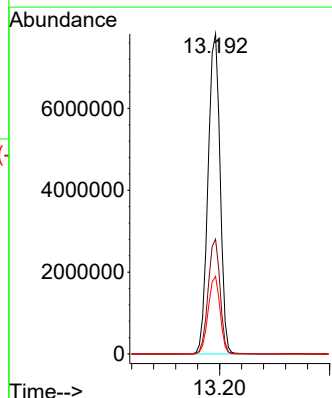
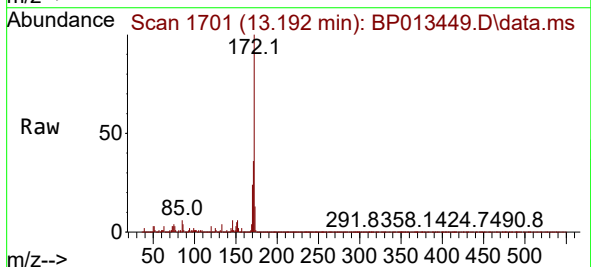
Tgt Ion:172 Resp:11874690

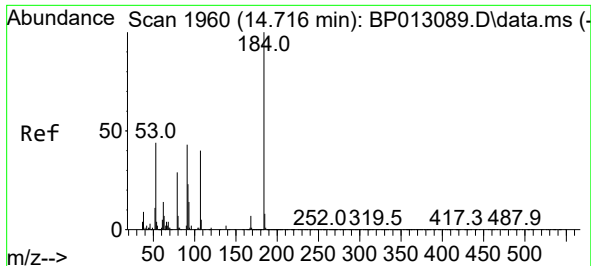
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 24.2 19.2 28.8

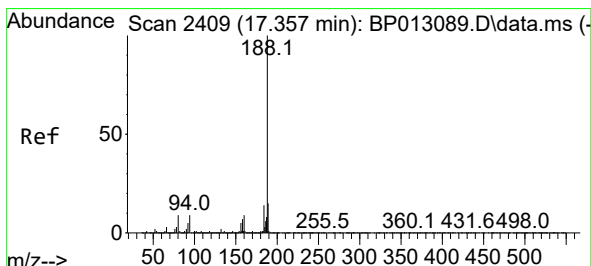
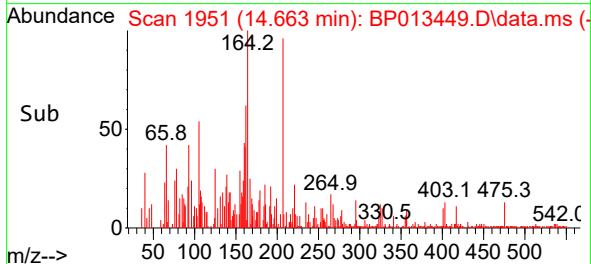
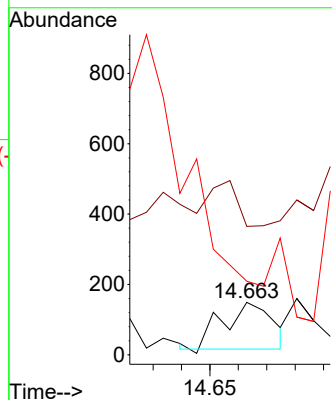
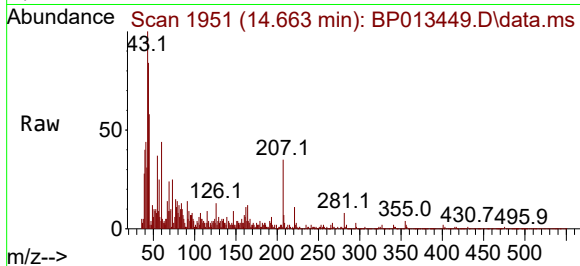




#54
2,4-Dinitrophenol
Concen: 3.606 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP013449.D
Acq: 11 Jan 2023 18:12

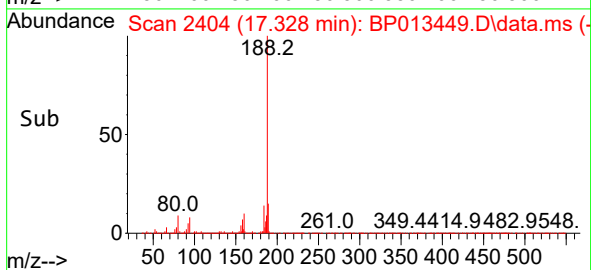
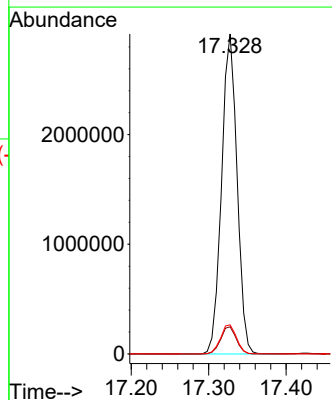
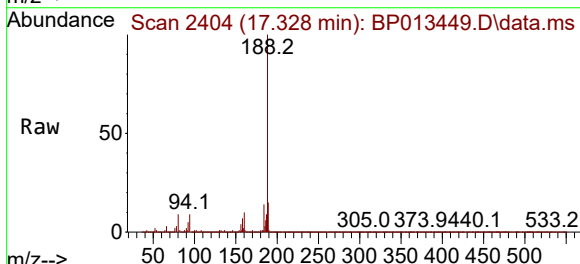
Instrument :
BNA_P
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TP-7

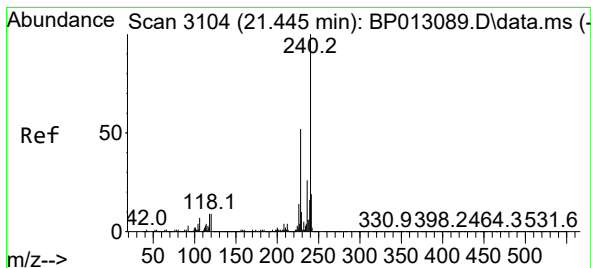
Tgt Ion:184 Resp: 159
Ion Ratio Lower Upper
184 100
63 245.0 47.6 71.4#
154 140.3 45.5 68.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2404
Delta R.T. 0.012 min
Lab File: BP013449.D
Acq: 11 Jan 2023 18:12

Tgt Ion:188 Resp: 4040817
Ion Ratio Lower Upper
188 100
94 8.5 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: BP013449.D

Acq: 11 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

TP-7

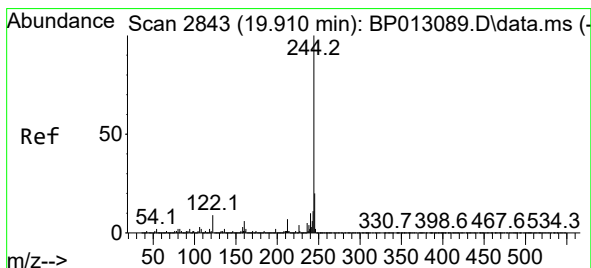
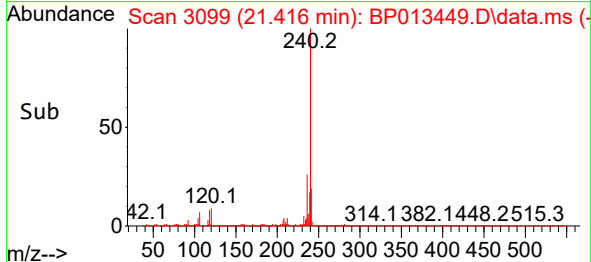
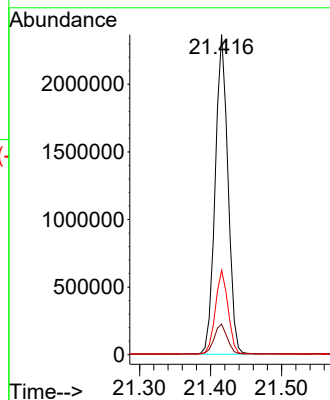
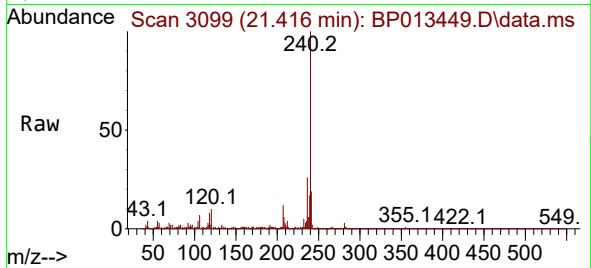
Tgt Ion:240 Resp: 2944981

Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 26.4 21.0 31.4



#79

Terphenyl-d14

Concen: 98.192 ng

RT: 19.874 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BP013449.D

Acq: 11 Jan 2023 18:12

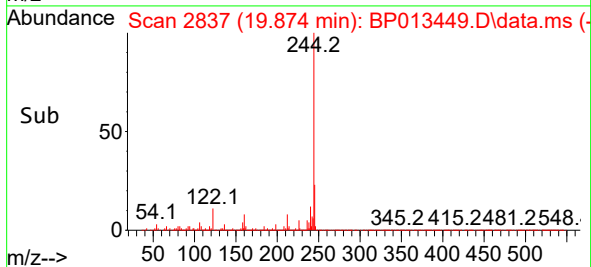
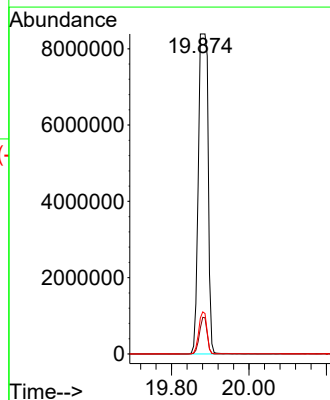
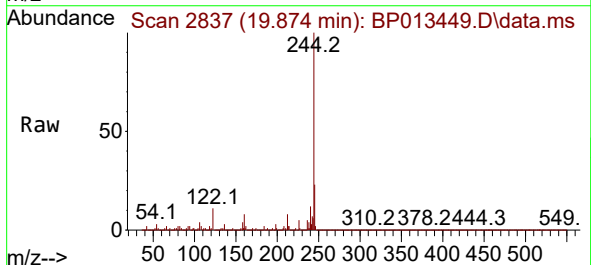
Tgt Ion:244 Resp:14657466

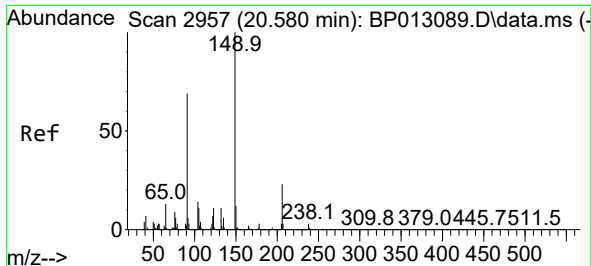
Ion Ratio Lower Upper

244 100

212 8.1 5.5 8.3

122 11.3 7.2 10.8#

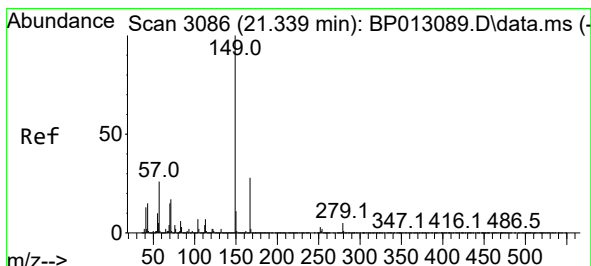
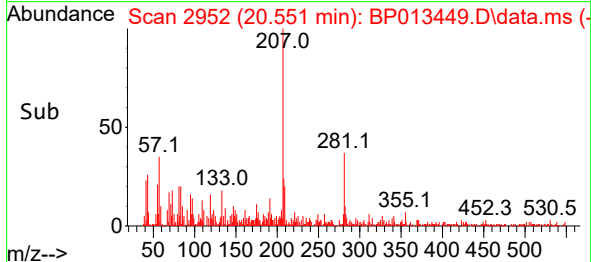
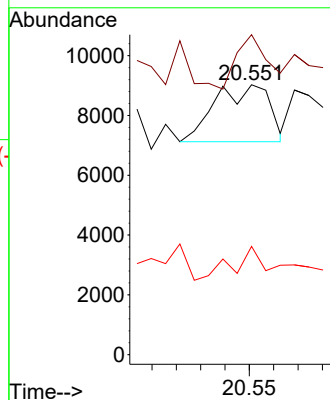
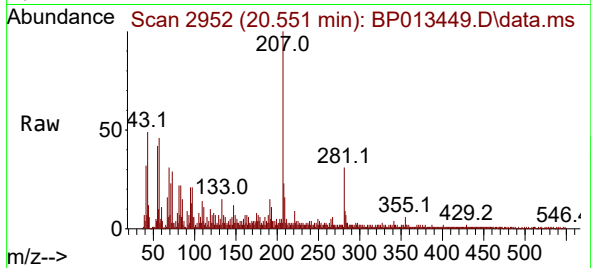




#80
 Butylbenzylphthalate
 Concen: 2.130 ng
 RT: 20.551 min Scan# 2955
 Delta R.T. 0.006 min
 Lab File: BP013449.D
 Acq: 11 Jan 2023 18:12

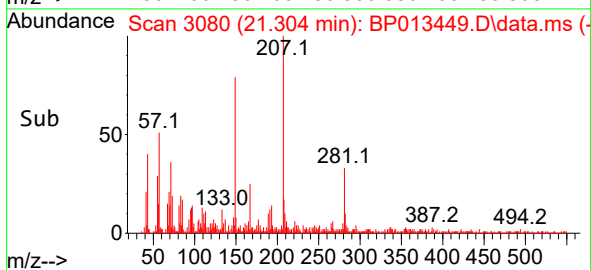
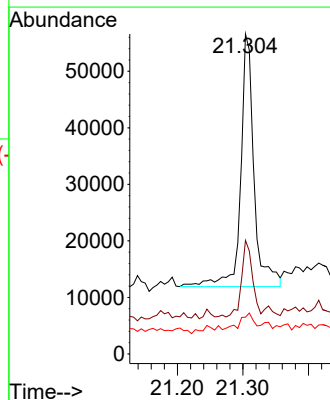
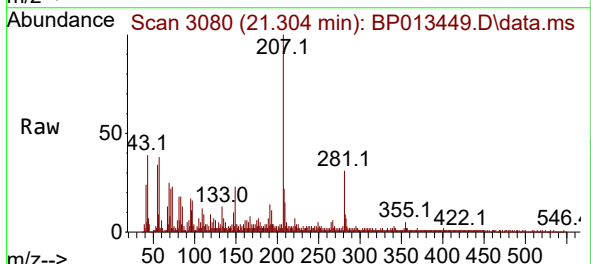
Instrument :
 BNA_P
 ClientSampleId :
 TP-7

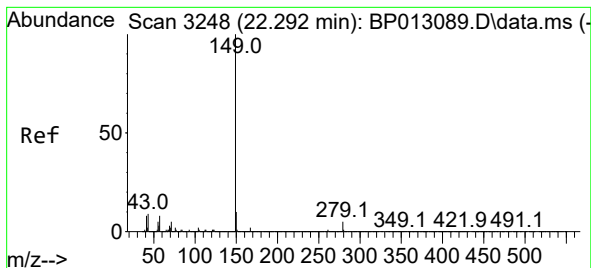
Tgt Ion:149 Resp: 2955
 Ion Ratio Lower Upper
 149 100
 91 118.5 55.2 82.8#
 206 40.1 18.3 27.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.355 ng
 RT: 21.304 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BP013449.D
 Acq: 11 Jan 2023 18:12

Tgt Ion:149 Resp: 63567
 Ion Ratio Lower Upper
 149 100
 167 35.5 22.6 34.0#
 279 11.5 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 2.331 ng

RT: 22.251 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013449.D

Acq: 11 Jan 2023 18:12

Instrument :

BNA_P

ClientSampleId :

TP-7

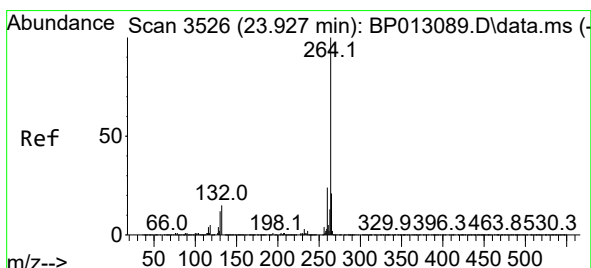
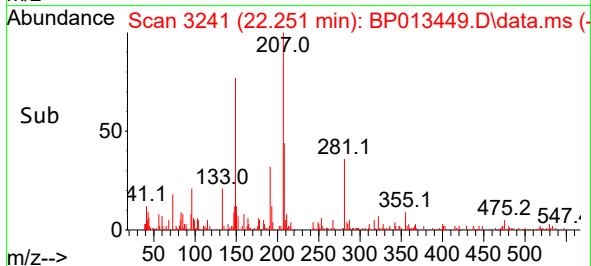
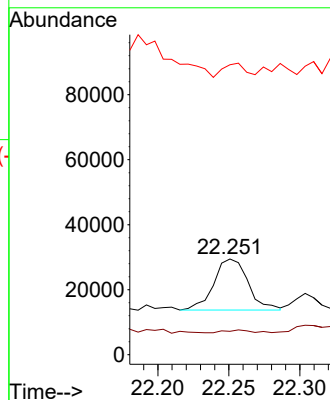
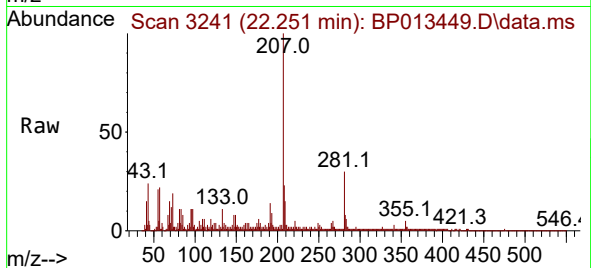
Tgt Ion:149 Resp: 26400

Ion Ratio Lower Upper

149 100

167 4.0 1.3 1.9#

43 17.9 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3519

Delta R.T. 0.018 min

Lab File: BP013449.D

Acq: 11 Jan 2023 18:12

Tgt Ion:264 Resp: 3067133

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.3 17.7 26.5

