

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013447.D
 Acq On : 11 Jan 2023 17:03
 Operator : CG/JU
 Sample : 01073-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1525

Quant Time: Jan 12 02:19:02 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

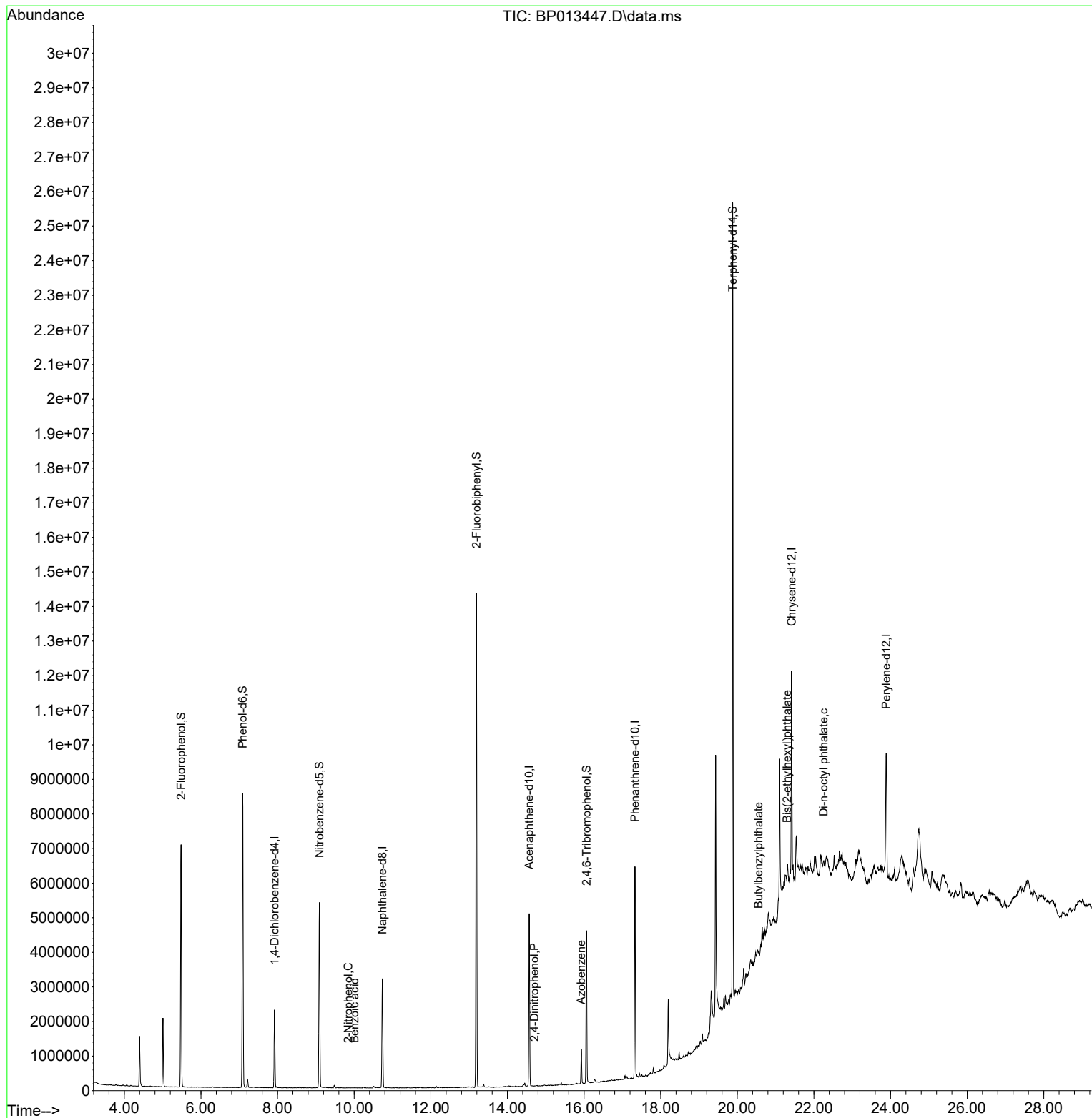
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	596080	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2534129	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1673337	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3717999	20.000	ng	0.01
76) Chrysene-d12	21.416	240	2788536	20.000	ng	0.00
86) Perylene-d12	23.886	264	2895367	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2974687	91.182	ng	0.01
7) Phenol-d6	7.087	99	4778214	112.153	ng	0.01
23) Nitrobenzene-d5	9.093	82	2904931	62.844	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	875994	43.419	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	7613198	61.775	ng	0.01
79) Terphenyl-d14	19.880	244	11067531	78.302	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.846	139	429	2.806	ng	# 1
32) Benzoic acid	10.004	122	591	4.394	ng	# 1
54) 2,4-Dinitrophenol	14.704	184	110	3.604	ng	# 1
63) Azobenzene	15.928	77	265118	2.535	ng	# 1
80) Butylbenzylphthalate	20.551	149	5375	2.165	ng	# 56
84) Bis(2-ethylhexyl)phtha...	21.304	149	90488	3.644	ng	# 85
85) Di-n-octyl phthalate	22.251	149	36442	2.405	ng	# 54

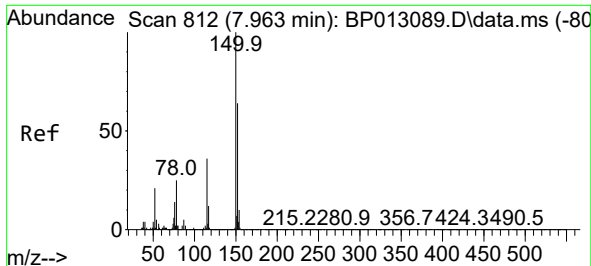
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013447.D
Acq On : 11 Jan 2023 17:03
Operator : CG/JU
Sample : 01073-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
1525

Quant Time: Jan 12 02:19:02 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

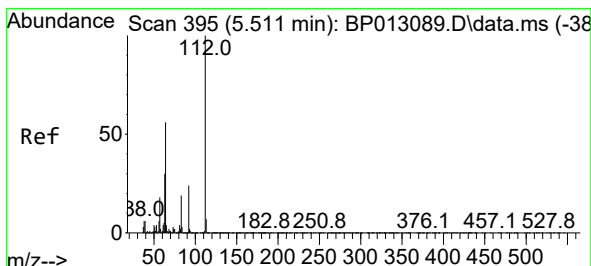
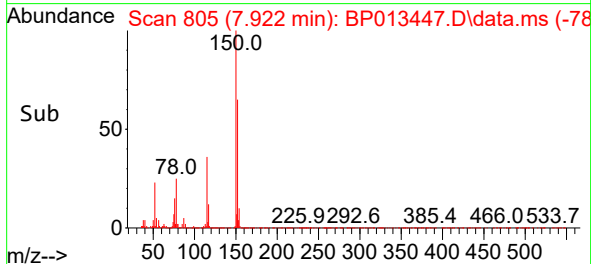
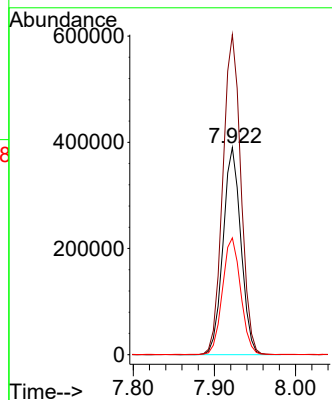
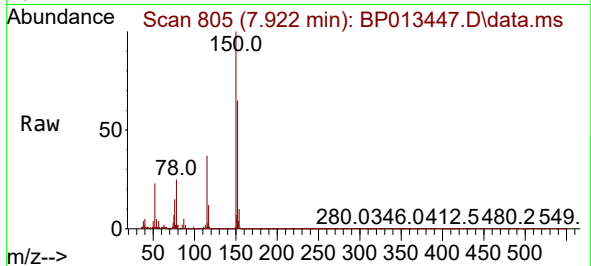




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

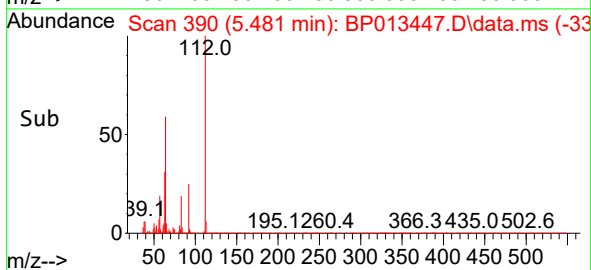
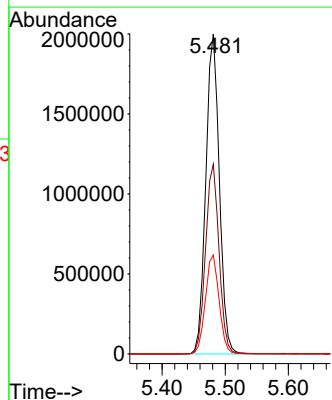
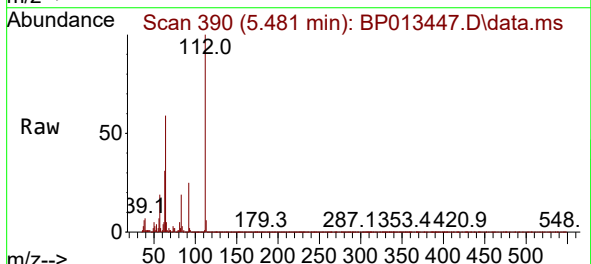
Instrument :
BNA_P
ClientSampleId :
1525

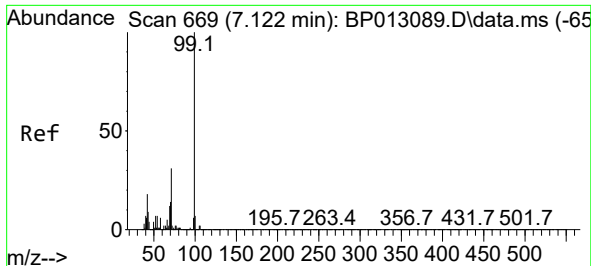
Tgt Ion:152 Resp: 596080
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 56.4 45.6 68.4



#5
2-Fluorophenol
Concen: 91.182 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

Tgt Ion:112 Resp: 2974687
Ion Ratio Lower Upper
112 100
64 59.3 45.1 67.7
63 31.0 23.8 35.6





#7

Phenol-d6

Concen: 112.153 ng

RT: 7.087 min Scan# 6

Delta R.T. 0.012 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

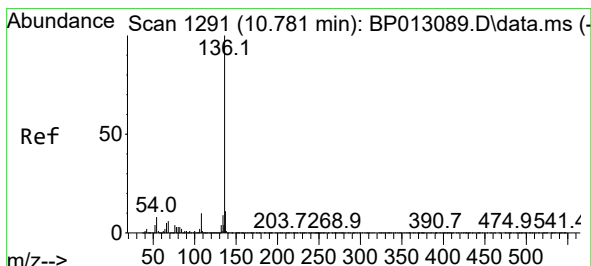
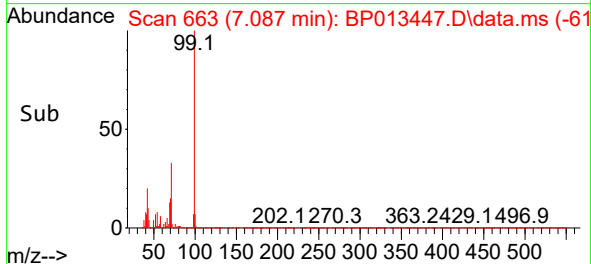
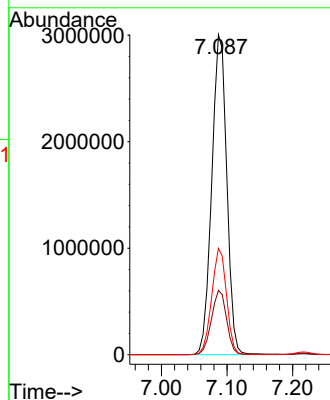
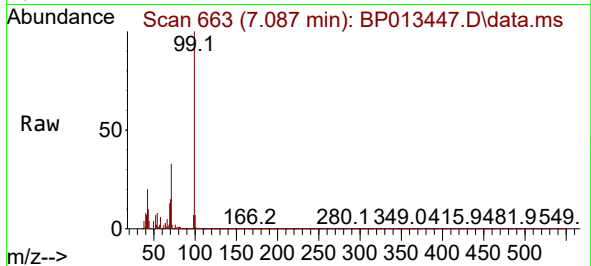
Tgt Ion: 99 Resp: 4778214

Ion Ratio Lower Upper

99 100

42 20.1 14.2 21.4

71 33.2 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: BP013447.D

Acq: 11 Jan 2023 17:03

Tgt Ion:136 Resp: 2534129

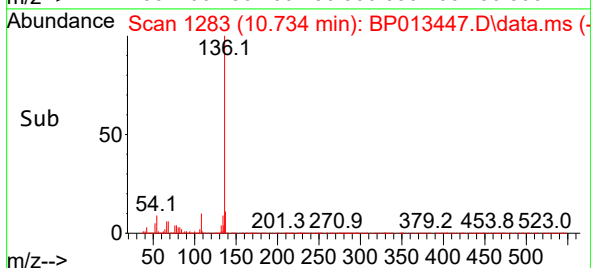
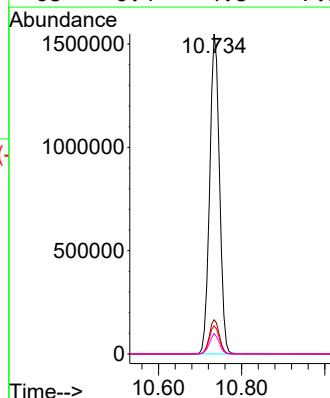
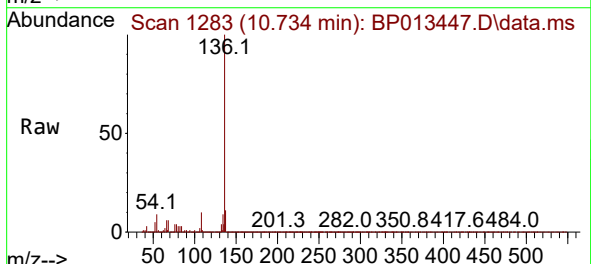
Ion Ratio Lower Upper

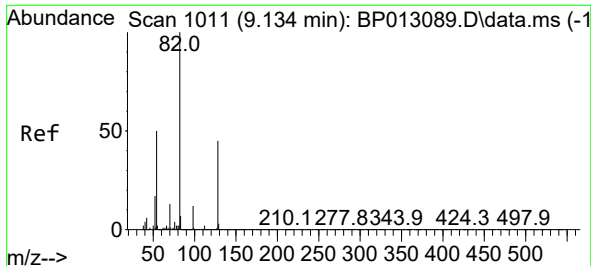
136 100

137 10.7 8.7 13.1

54 8.8 6.2 9.4

68 6.4 4.8 7.2

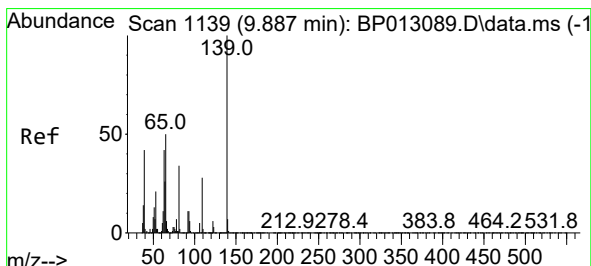
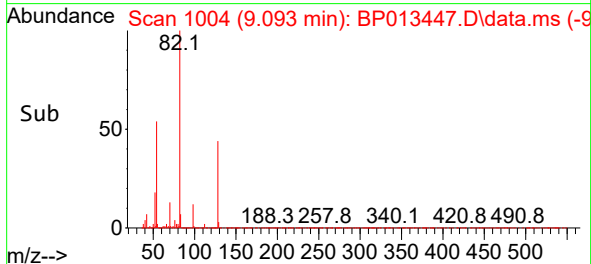
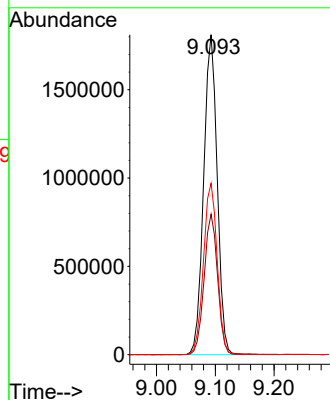
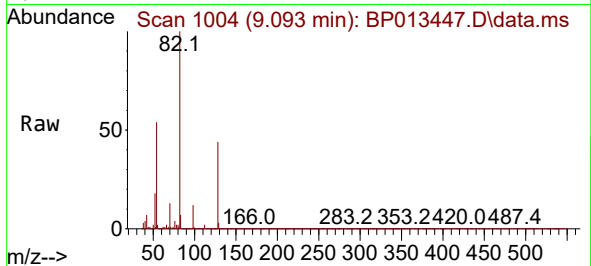




#23
Nitrobenzene-d5
Concen: 62.844 ng
RT: 9.093 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

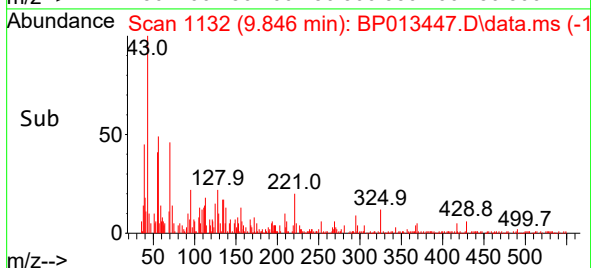
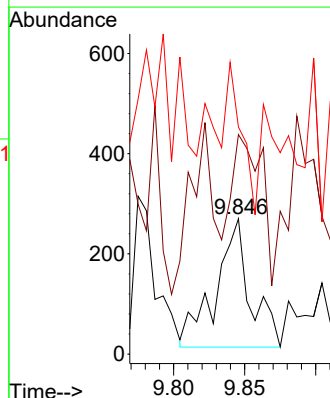
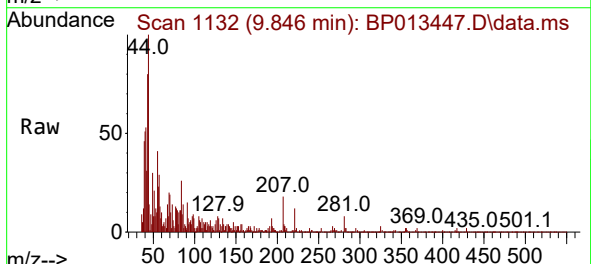
Instrument :
BNA_P
ClientSampleId :
1525

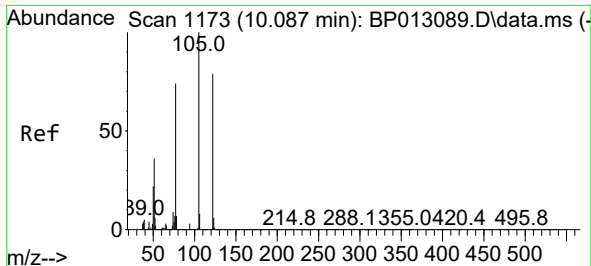
Tgt Ion: 82 Resp: 2904931
Ion Ratio Lower Upper
82 100
128 43.9 35.9 53.9
54 53.6 40.4 60.6



#26
2-Nitrophenol
Concen: 2.806 ng
RT: 9.846 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

Tgt Ion:139 Resp: 429
Ion Ratio Lower Upper
139 100
109 162.2 22.5 33.7#
65 167.8 39.9 59.9#

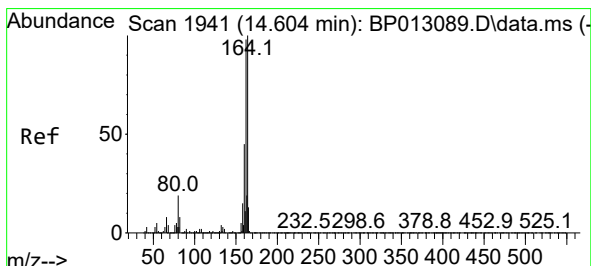
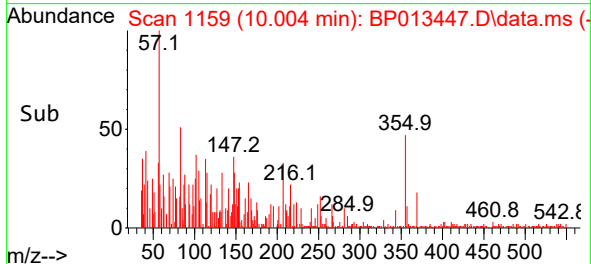
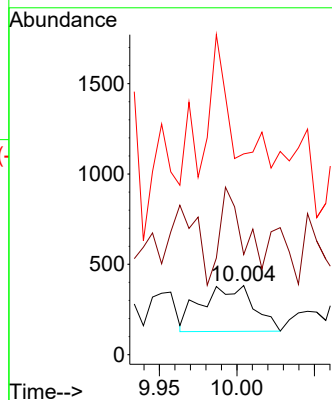
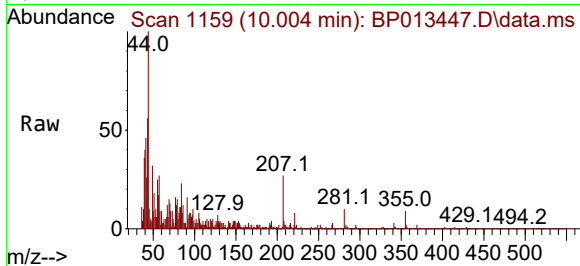




#32
Benzoic acid
Concen: 4.394 ng
RT: 10.004 min Scan# 1159
Delta R.T. -0.024 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

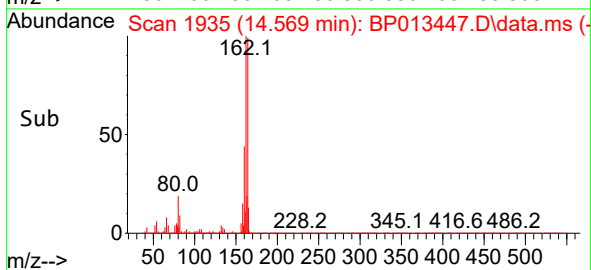
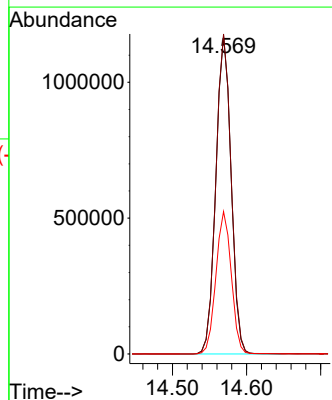
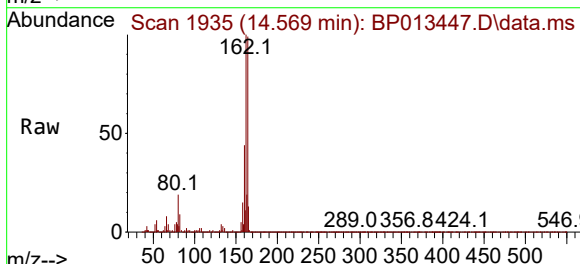
Instrument :
BNA_P
ClientSampleId :
1525

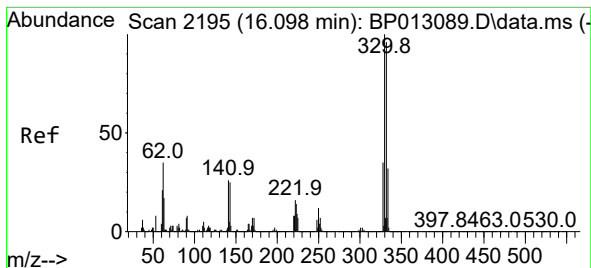
Tgt Ion:122 Resp: 591
Ion Ratio Lower Upper
122 100
105 144.6 101.9 141.9#
77 290.1 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

Tgt Ion:164 Resp: 1673337
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 44.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 43.419 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

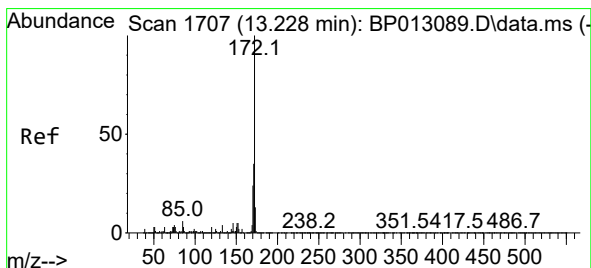
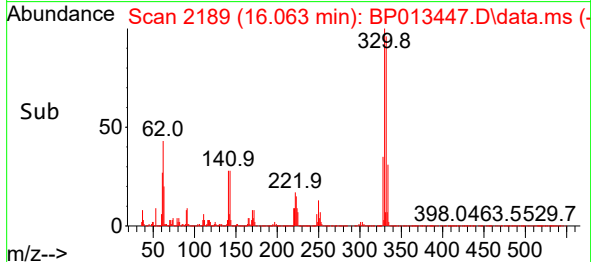
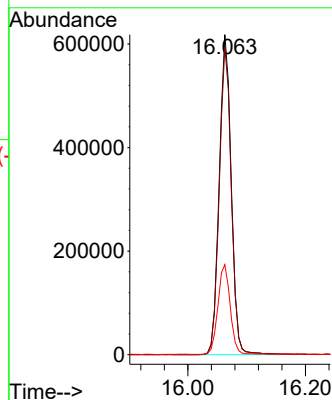
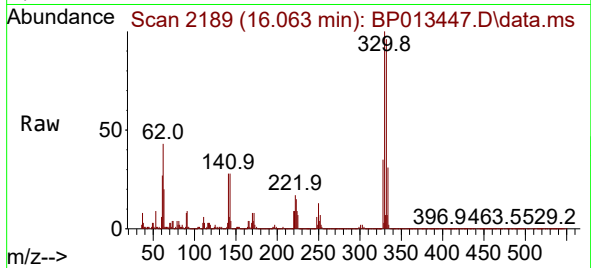
Tgt Ion:330 Resp: 875994

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 28.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 61.775 ng

RT: 13.192 min Scan# 1701

Delta R.T. 0.012 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

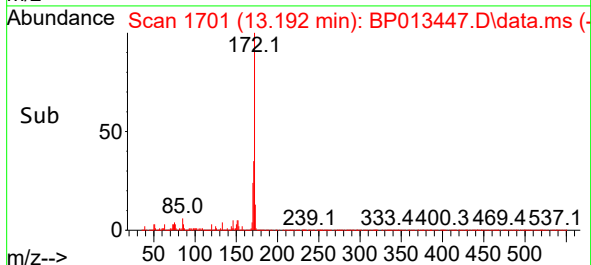
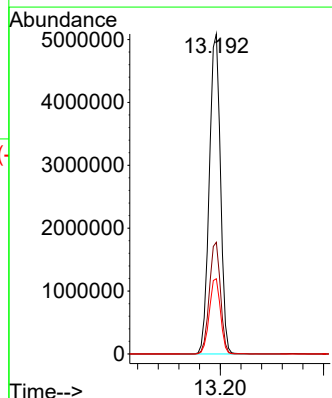
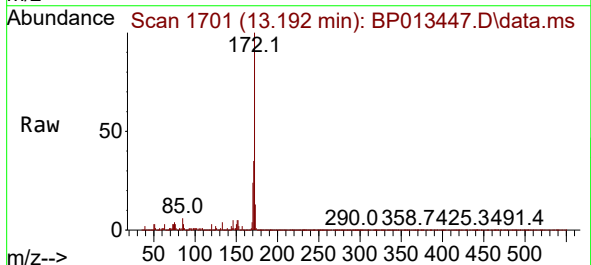
Tgt Ion:172 Resp: 7613198

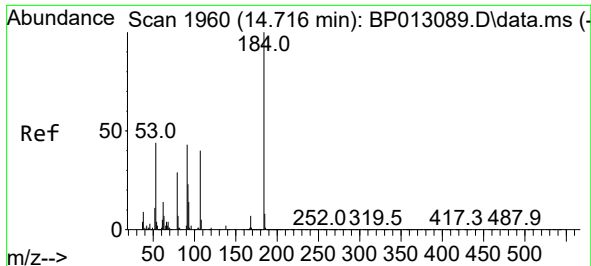
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 19.2 28.8

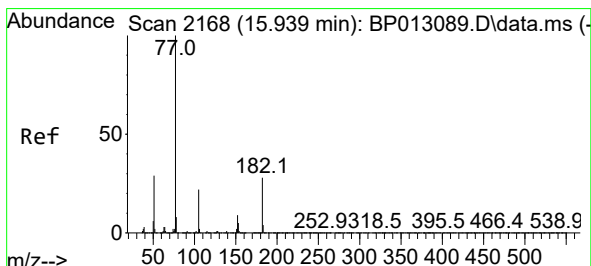
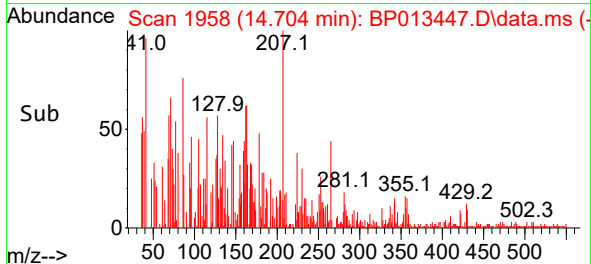
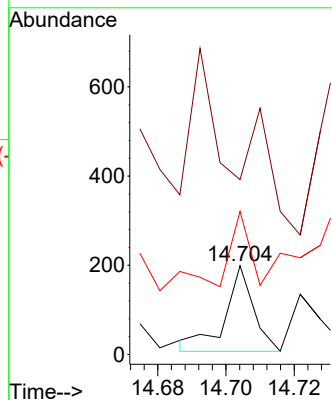
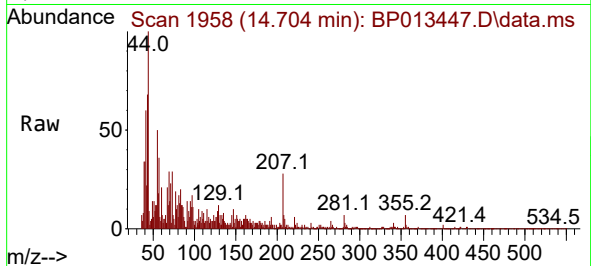




#54
2,4-Dinitrophenol
Concen: 3.604 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.024 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

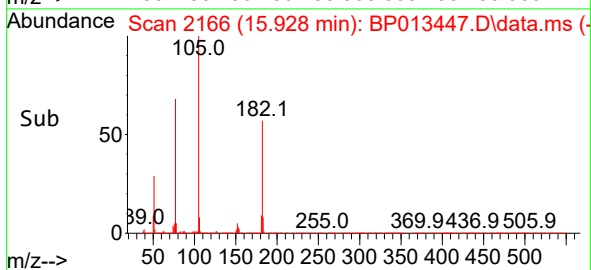
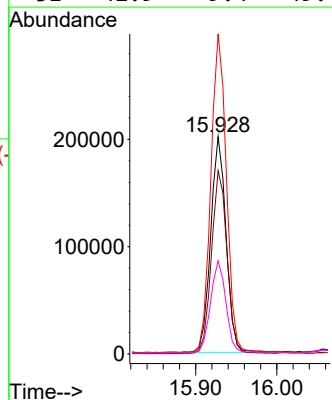
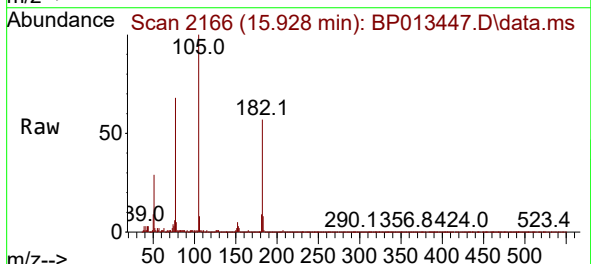
Instrument :
BNA_P
ClientSampleId :
1525

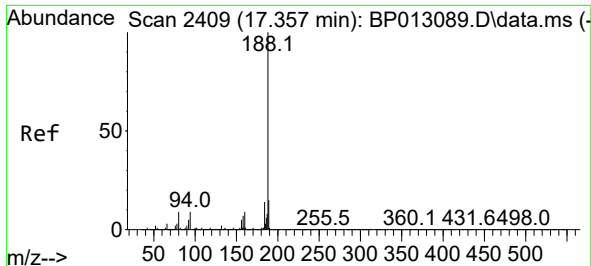
Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 197.0 47.6 71.4#
154 161.3 45.5 68.3#



#63
Azobenzene
Concen: 2.535 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.029 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

Tgt Ion: 77 Resp: 265118
Ion Ratio Lower Upper
77 100
182 84.3 8.3 48.3#
105 147.3 1.6 41.6#
51 42.9 9.4 49.4

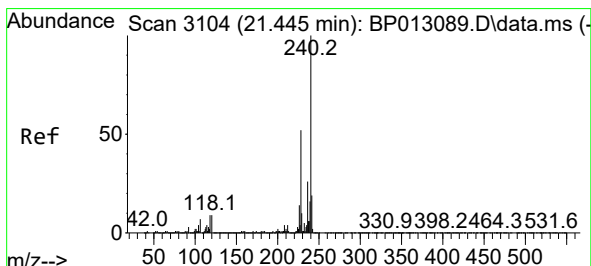
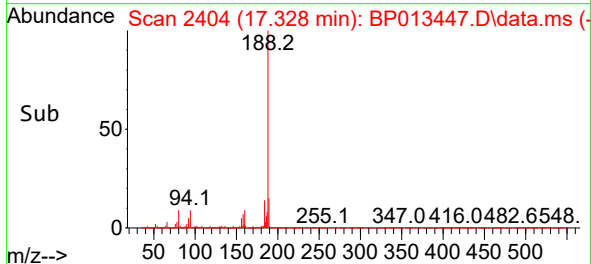
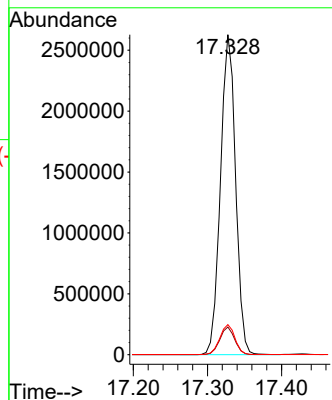
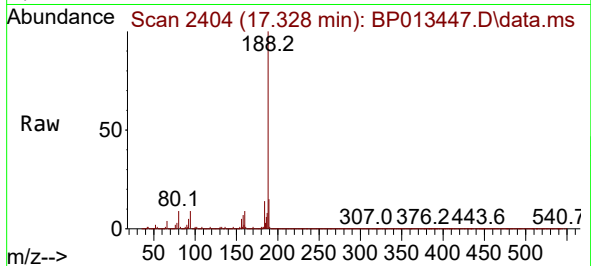




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2404
Delta R.T. 0.012 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

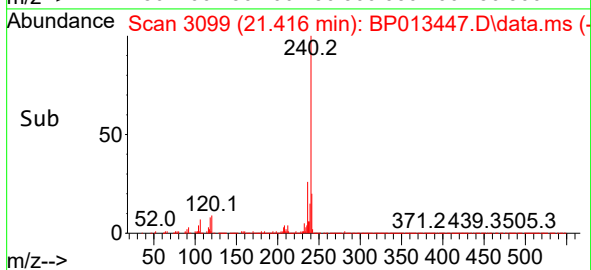
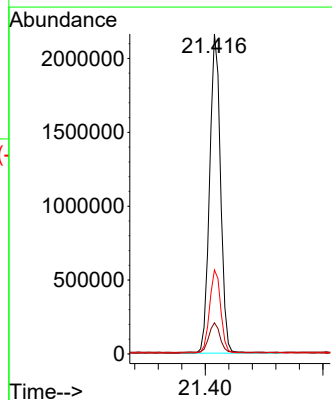
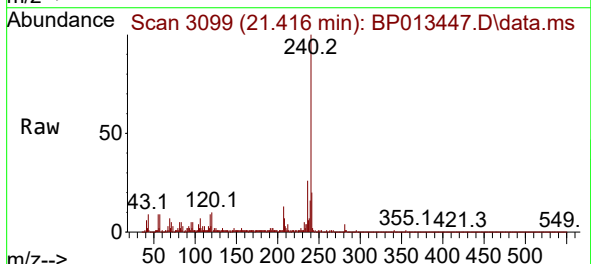
Instrument :
BNA_P
ClientSampleId :
1525

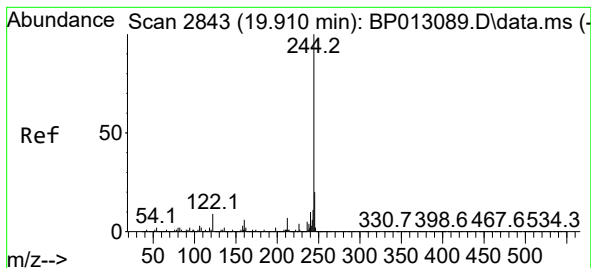
Tgt Ion:188 Resp: 3717999
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3099
Delta R.T. 0.006 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

Tgt Ion:240 Resp: 2788536
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.2
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 78.302 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

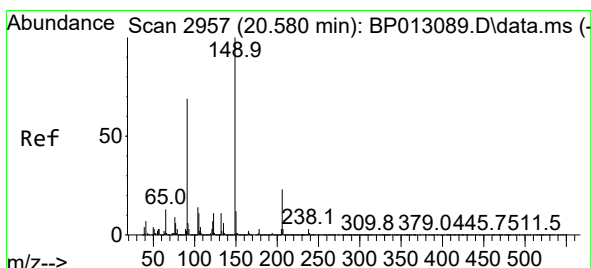
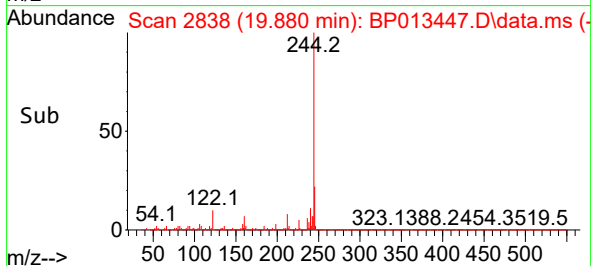
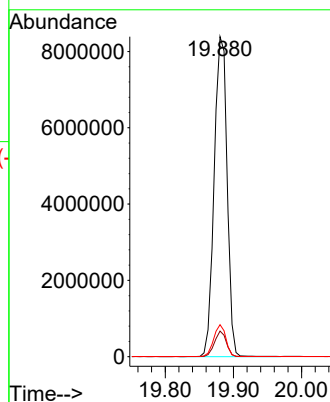
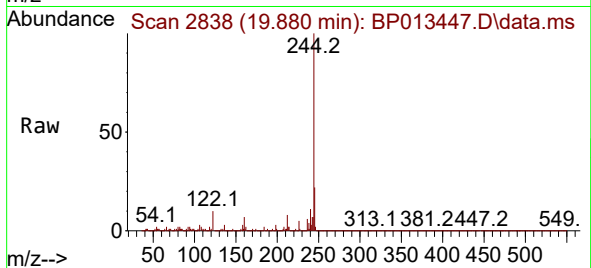
Tgt Ion:244 Resp:11067531

Ion Ratio Lower Upper

244 100

212 8.0 5.5 8.3

122 10.0 7.2 10.8



#80

Butylbenzylphthalate

Concen: 2.165 ng

RT: 20.551 min Scan# 2952

Delta R.T. 0.006 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

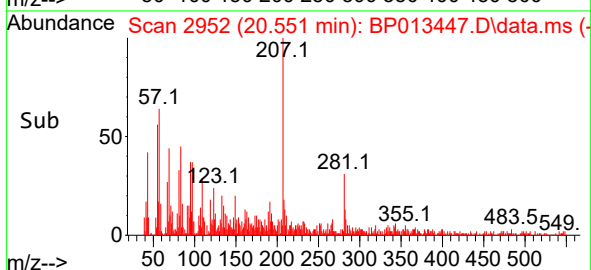
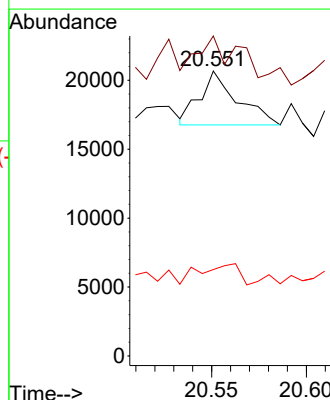
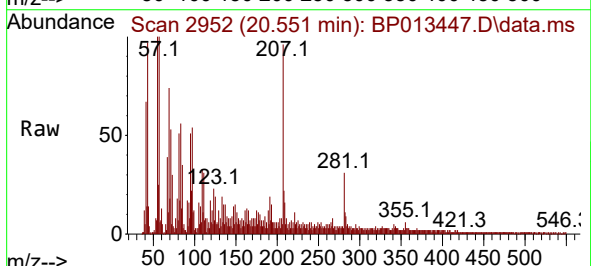
Tgt Ion:149 Resp: 5375

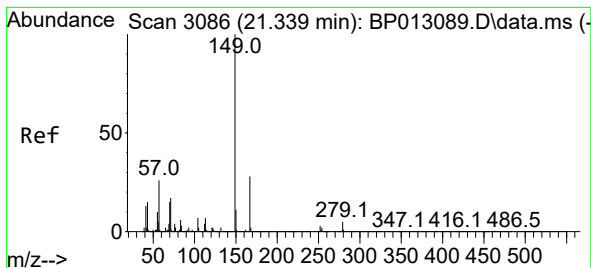
Ion Ratio Lower Upper

149 100

91 112.3 55.2 82.8#

206 30.3 18.3 27.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.644 ng

RT: 21.304 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

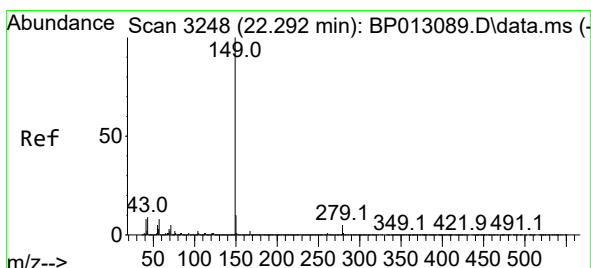
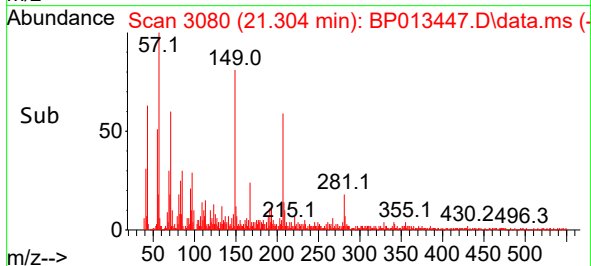
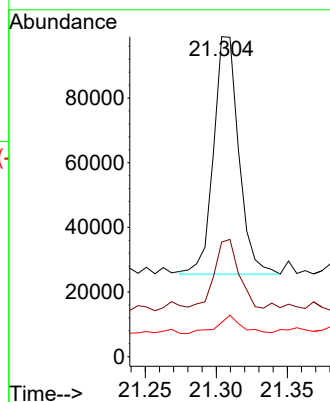
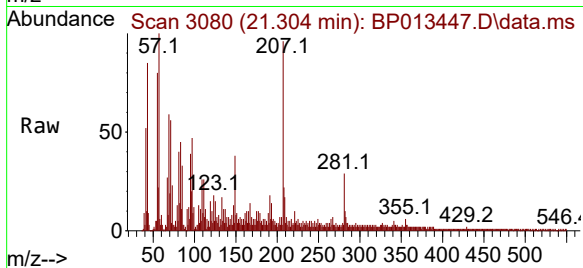
Tgt Ion:149 Resp: 90488

Ion Ratio Lower Upper

149 100

167 35.8 22.6 34.0#

279 10.7 3.8 5.6#



#85

Di-n-octyl phthalate

Concen: 2.405 ng

RT: 22.251 min Scan# 3241

Delta R.T. 0.006 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

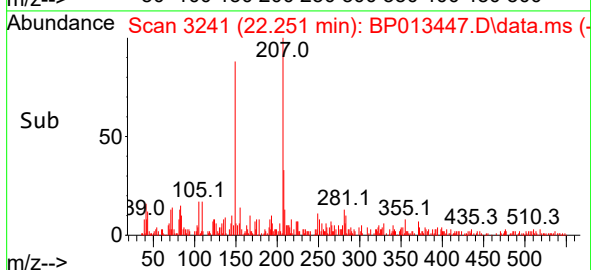
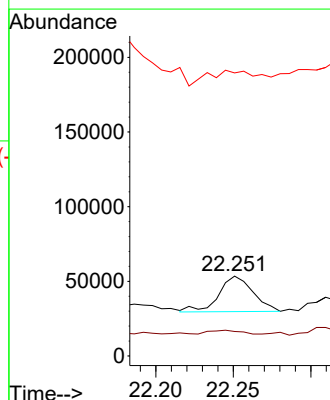
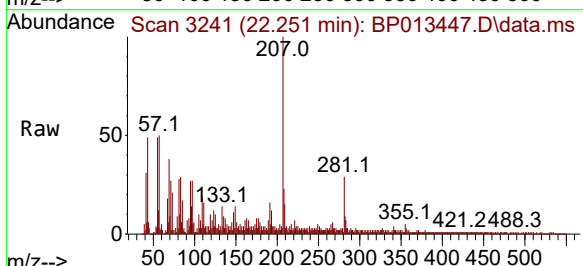
Tgt Ion:149 Resp: 36442

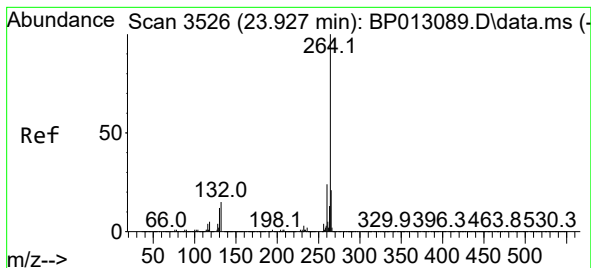
Ion Ratio Lower Upper

149 100

167 9.4 1.3 1.9#

43 28.1 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: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

Tgt Ion:264 Resp: 2895367

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.9 17.7 26.5

