

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019730.D
 Acq On : 15 Feb 2024 19:10
 Operator : MA/JU
 Sample : P1395-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-4(4-6)

Quant Time: Feb 16 00:54:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

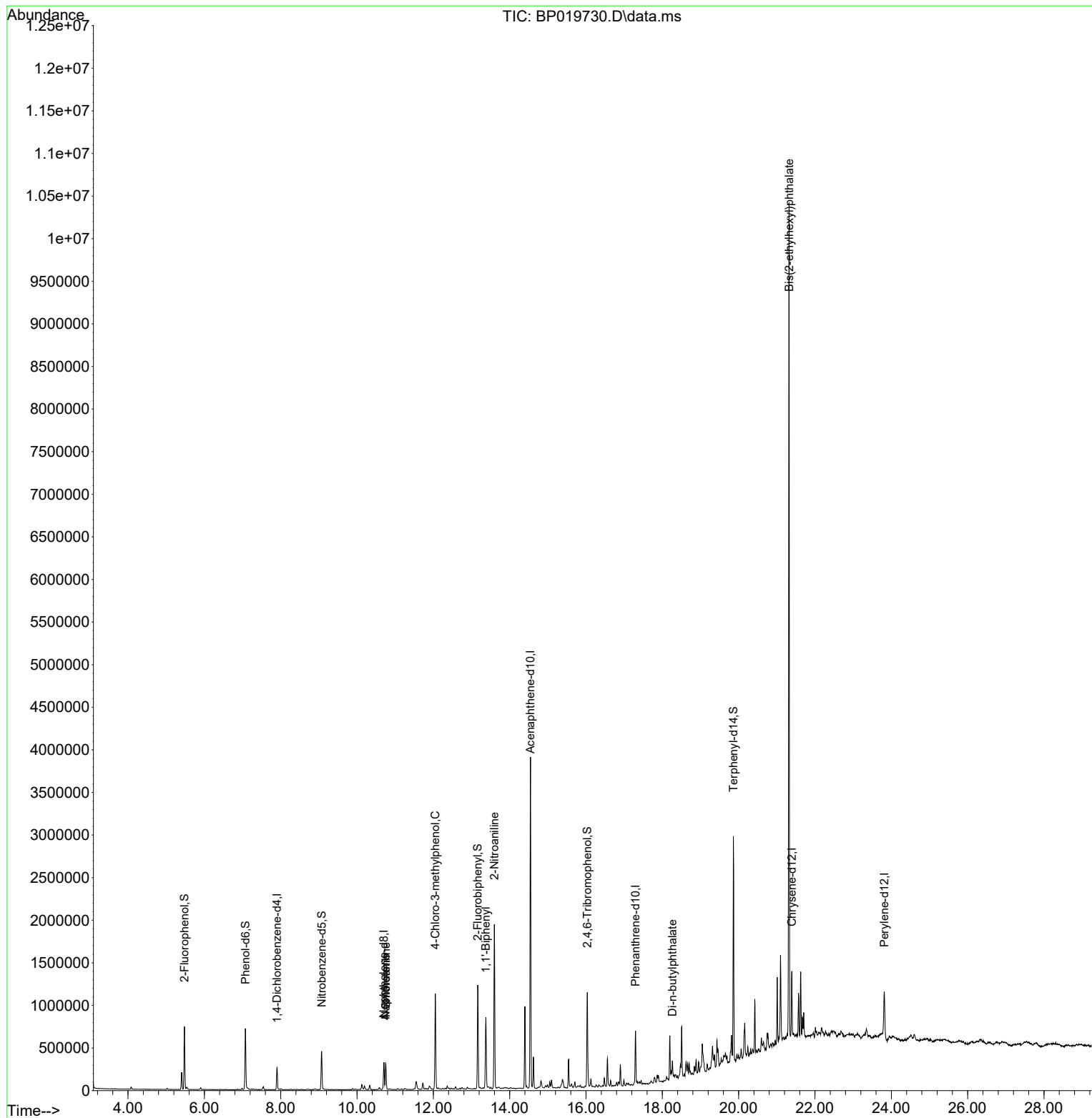
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	70211	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	253398	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	181449	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	390059	20.000	ng	0.00
76) Chrysene-d12	21.392	240	385382	20.000	ng	0.00
86) Perylene-d12	23.816	264	455006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	309143	70.974	ng	0.00
7) Phenol-d6	7.075	99	401175	68.307	ng	-0.01
23) Nitrobenzene-d5	9.075	82	277294	47.418	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	238306	89.951	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	652791	44.475	ng	-0.02
79) Terphenyl-d14	19.863	244	1229380	52.461	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.751	128	250442	18.020	ng	99
33) 4-Chloroaniline	10.757	127	33220	6.464	ng	# 36
36) 4-Chloro-3-methylphenol	12.051	107	277286	58.601	ng	# 22
46) 1,1'-Biphenyl	13.375	154	388843	26.850	ng	99
48) 2-Nitroaniline	13.598	65	64982	19.548	ng	# 10
74) Di-n-butylphthalate	18.263	149	59434	2.642	ng	96
84) Bis(2-ethylhexyl)phtha...	21.322	149	3778851	244.319	ng	# 96

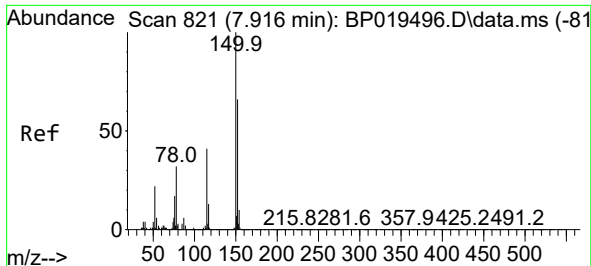
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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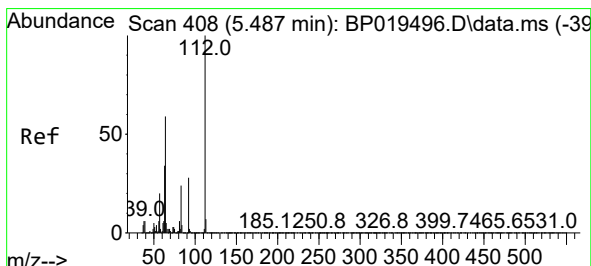
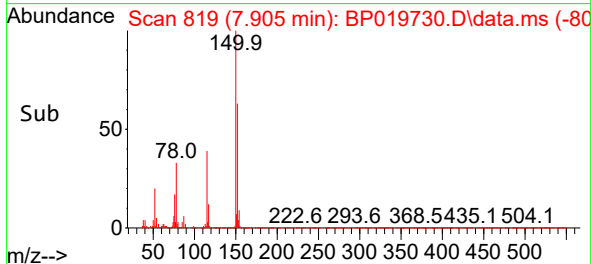
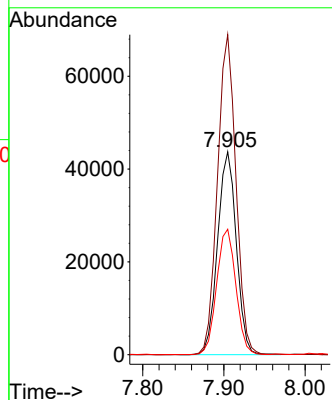
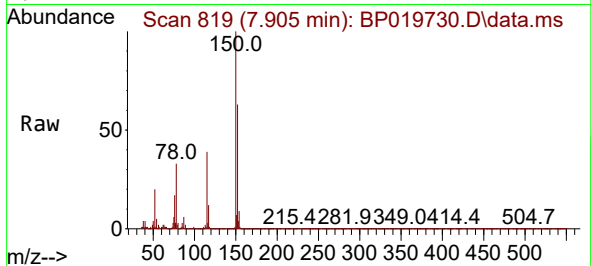




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

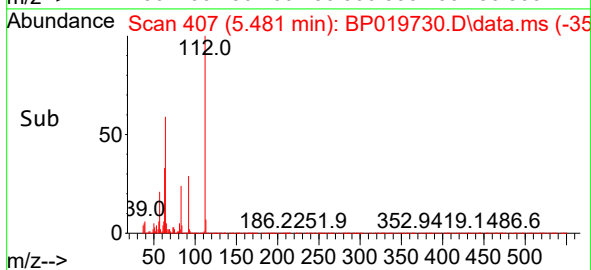
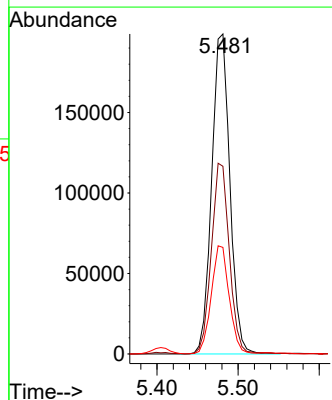
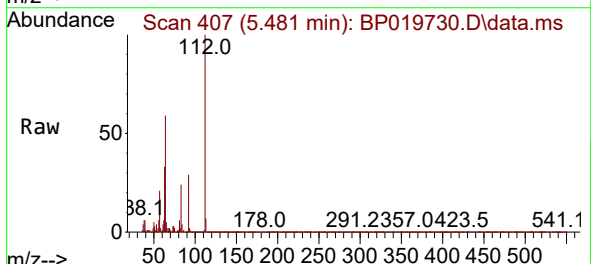
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)

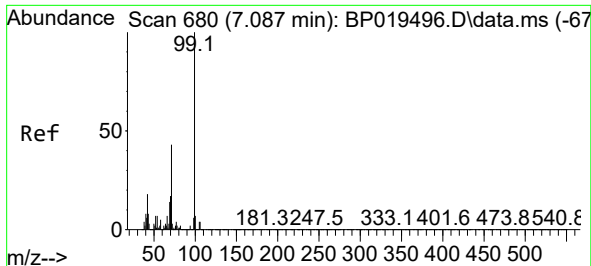
Tgt Ion:152 Resp: 70211
Ion Ratio Lower Upper
152 100
150 157.8 121.8 182.8
115 61.9 49.9 74.9



#5
2-Fluorophenol
Concen: 70.974 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

Tgt Ion:112 Resp: 309143
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 33.3 27.0 40.6

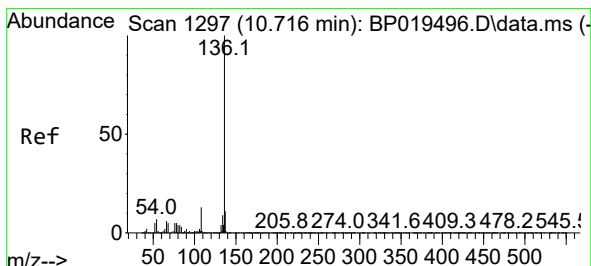
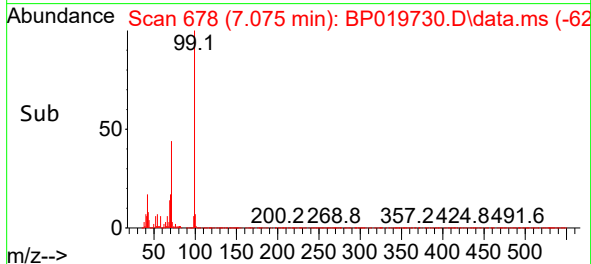
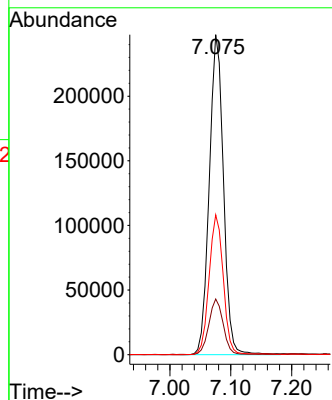
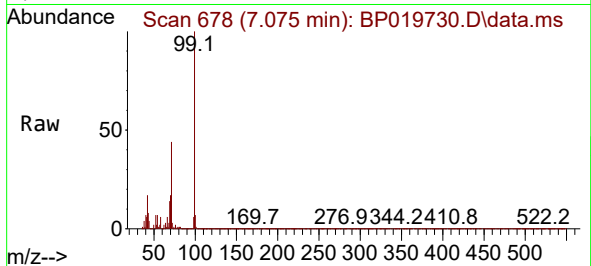




#7
Phenol-d6
Concen: 68.307 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

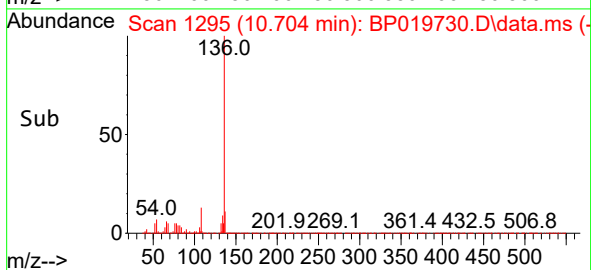
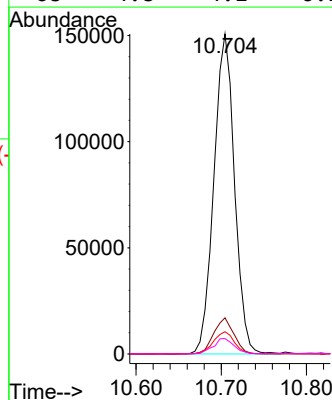
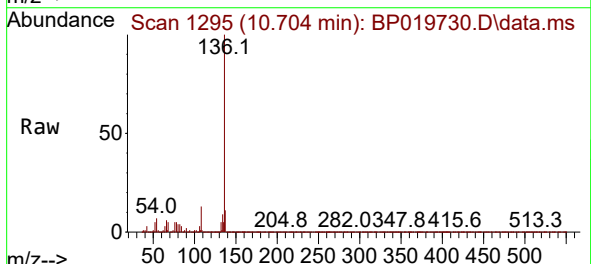
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)

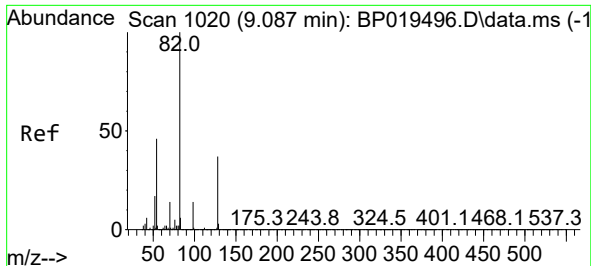
Tgt Ion: 99 Resp: 401175
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 43.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

Tgt Ion: 136 Resp: 253398
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.0 5.3 7.9
68 4.8 4.1 6.1

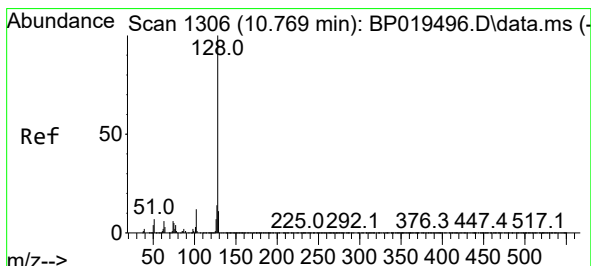
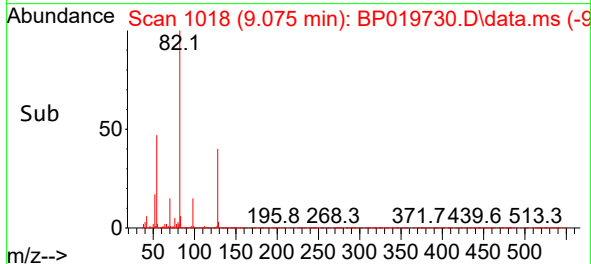
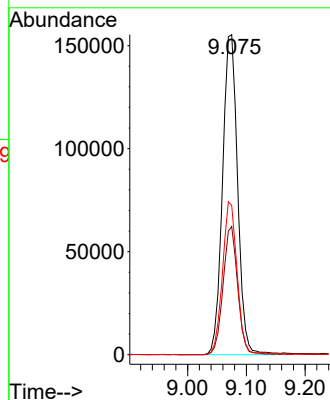
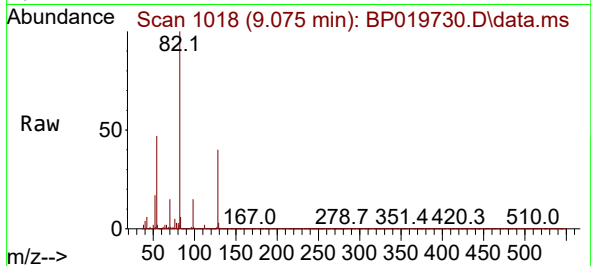




#23
Nitrobenzene-d5
Concen: 47.418 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

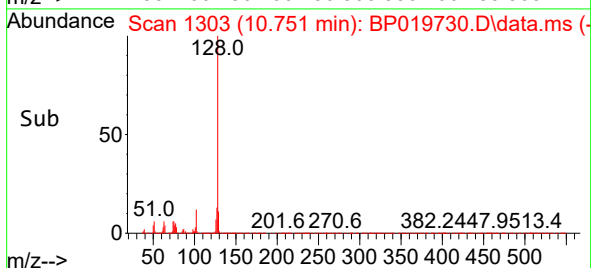
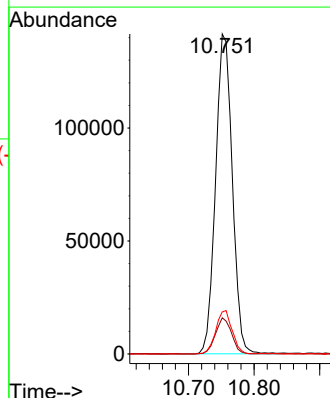
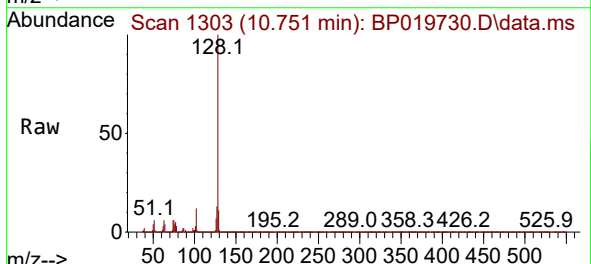
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)

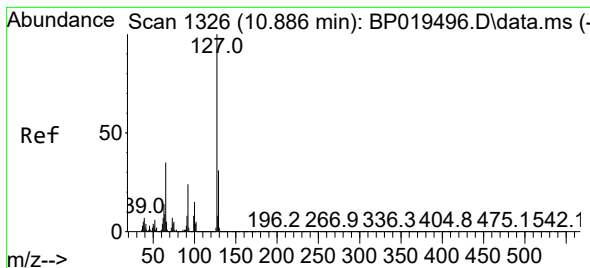
Tgt Ion: 82 Resp: 277294
Ion Ratio Lower Upper
82 100
128 40.1 29.7 44.5
54 46.6 36.8 55.2



#31
Naphthalene
Concen: 18.020 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.017 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

Tgt Ion: 128 Resp: 250442
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.1 10.8 16.2

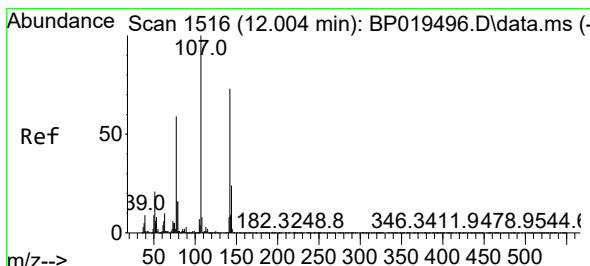
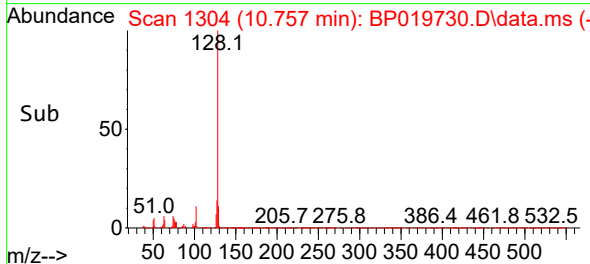
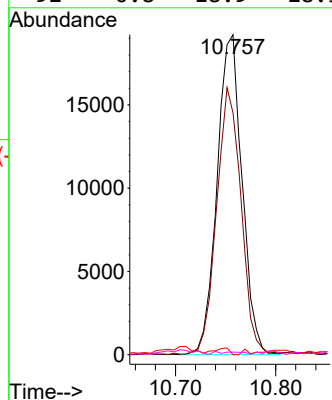
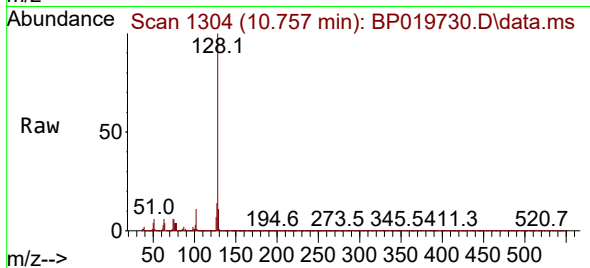




#33
4-Chloroaniline
Concen: 6.464 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.129 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

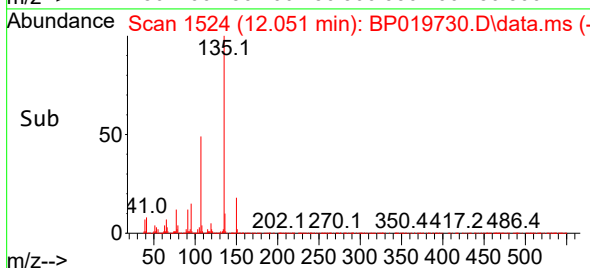
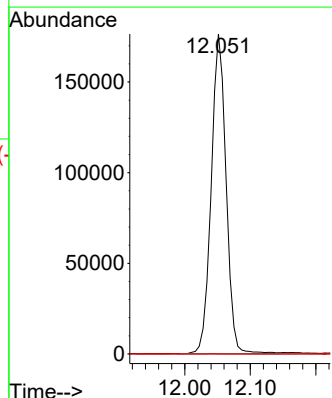
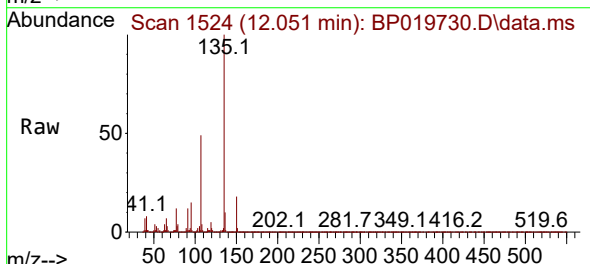
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)

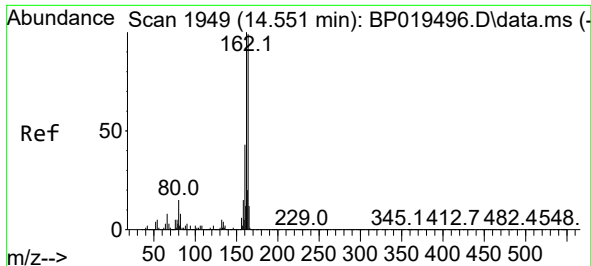
Tgt Ion:	127	Resp:	33220
Ion	Ratio	Lower	Upper
127	100		
129	75.6	24.6	36.8#
65	0.0	28.2	42.4#
92	0.8	18.9	28.3#



#36
4-Chloro-3-methylphenol
Concen: 58.601 ng
RT: 12.051 min Scan# 1524
Delta R.T. 0.047 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

Tgt Ion:	107	Resp:	277286
Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.0	28.4#
142	0.0	58.6	88.0#

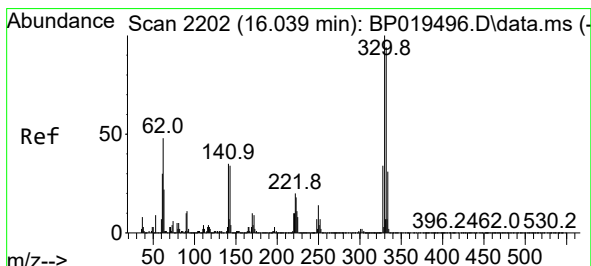
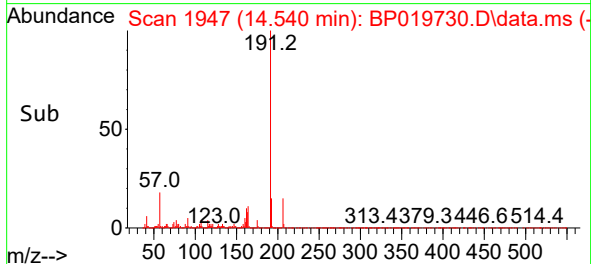
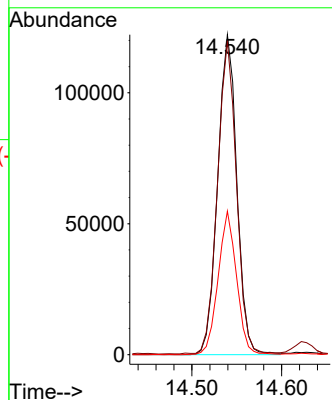
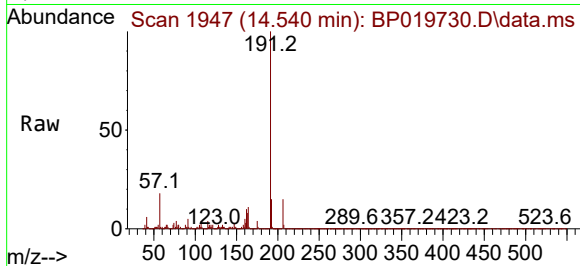




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

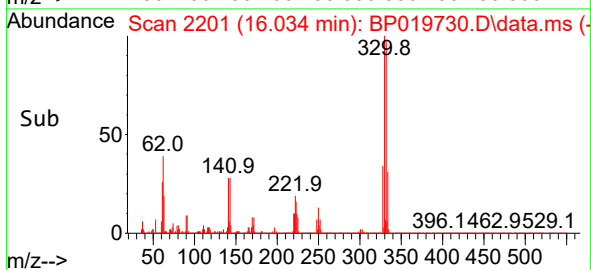
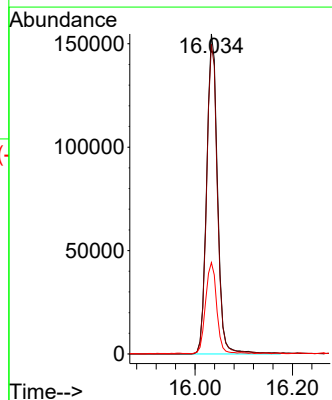
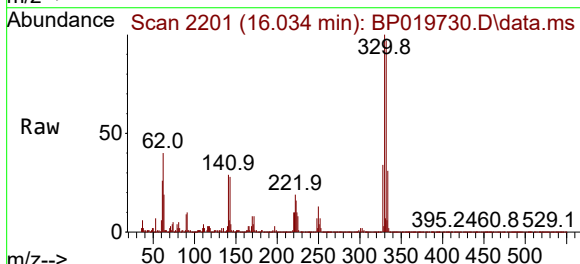
Instrument :
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ClientSampleId :
B-4(4-6)

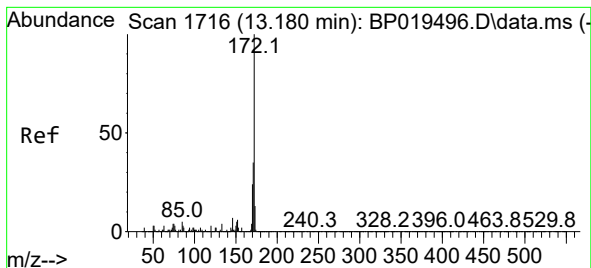
Tgt Ion:164 Resp: 181449
Ion Ratio Lower Upper
164 100
162 98.1 81.2 121.8
160 44.9 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 89.951 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

Tgt Ion:330 Resp: 238306
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 29.5 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 44.475 ng

RT: 13.163 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP019730.D

Acq: 15 Feb 2024 19:10

Instrument :

BNA_P

ClientSampleId :

B-4(4-6)

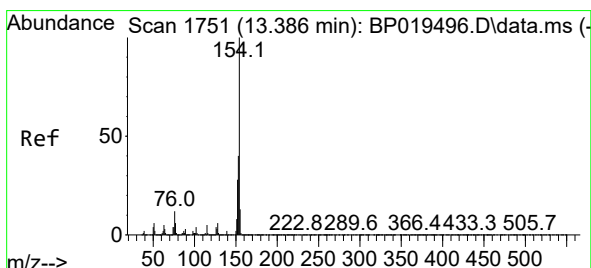
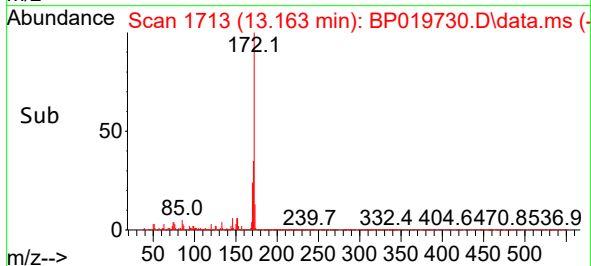
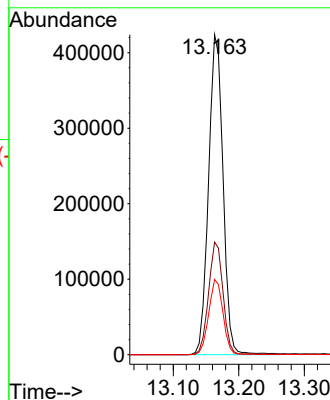
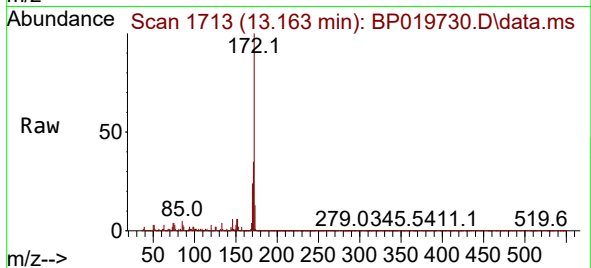
Tgt Ion:172 Resp: 652791

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 26.850 ng

RT: 13.375 min Scan# 1749

Delta R.T. -0.011 min

Lab File: BP019730.D

Acq: 15 Feb 2024 19:10

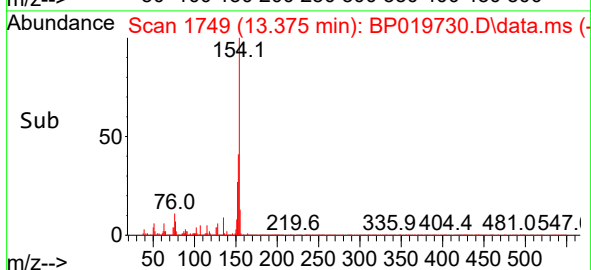
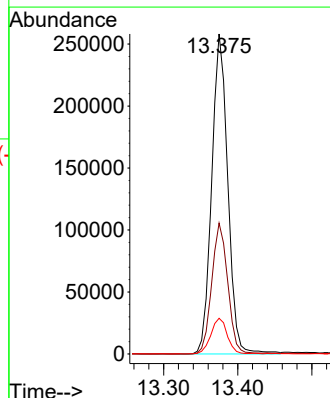
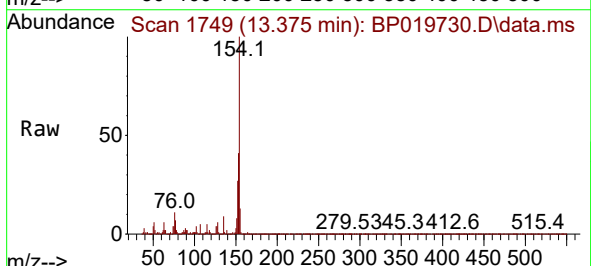
Tgt Ion:154 Resp: 388843

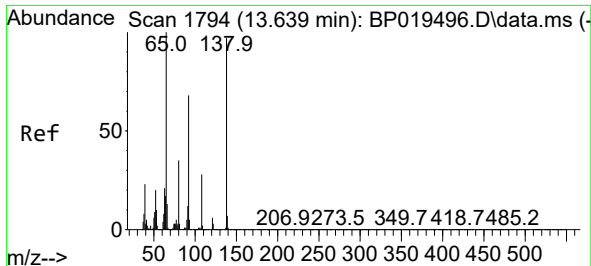
Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

76 11.1 0.0 31.6

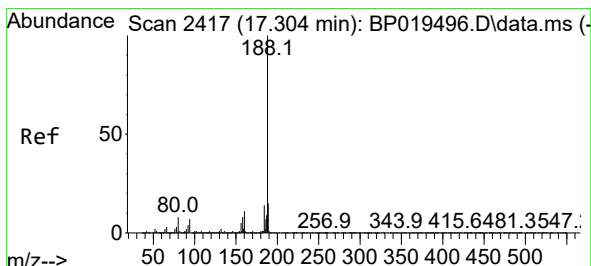
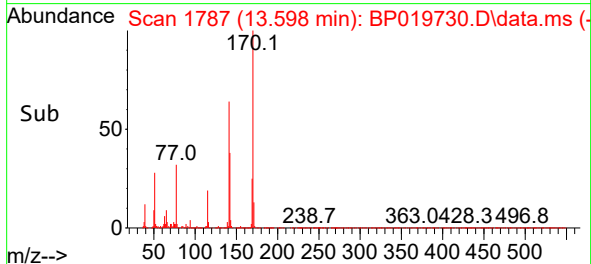
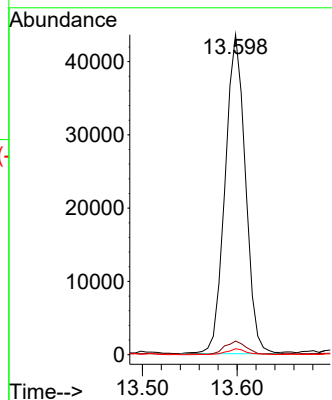
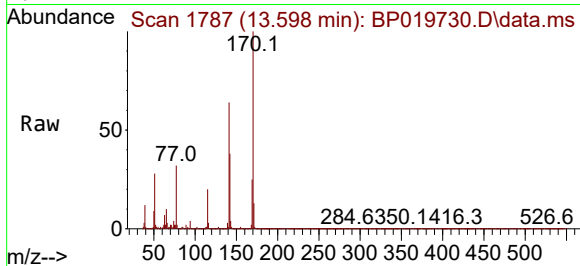




#48
2-Nitroaniline
Concen: 19.548 ng
RT: 13.598 min Scan# 11
Delta R.T. -0.041 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

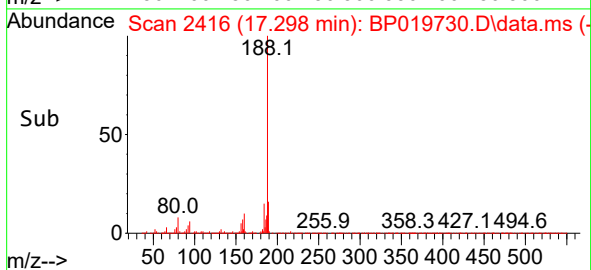
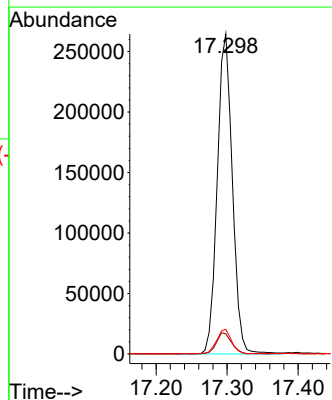
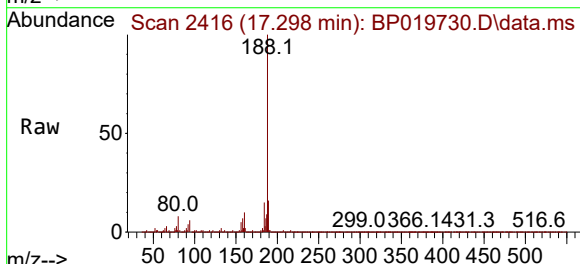
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)

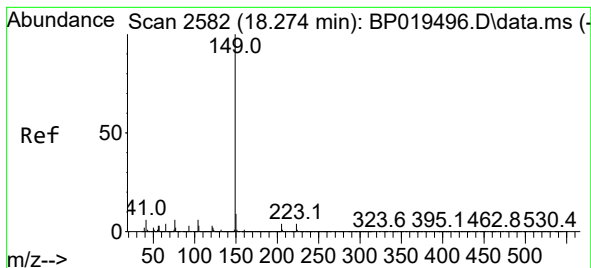
Tgt Ion: 65 Resp: 64982
Ion Ratio Lower Upper
65 100
92 4.2 54.7 82.1#
138 1.8 77.8 116.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019730.D
Acq: 15 Feb 2024 19:10

Tgt Ion:188 Resp: 390059
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.2
80 7.6 6.3 9.5





#74

Di-n-butylphthalate

Concen: 2.642 ng

RT: 18.263 min Scan# 2580

Delta R.T. -0.011 min

Lab File: BP019730.D

Acq: 15 Feb 2024 19:10

Instrument :

BNA_P

ClientSampleId :

B-4(4-6)

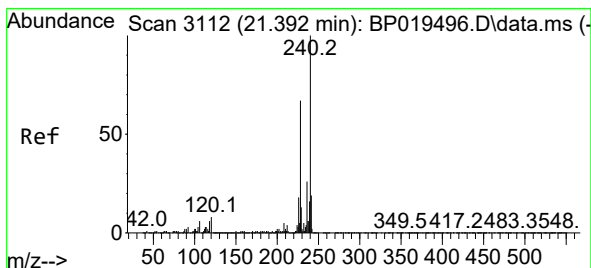
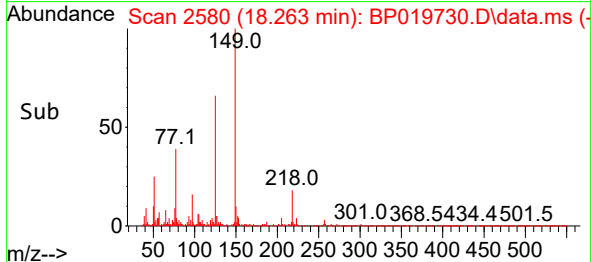
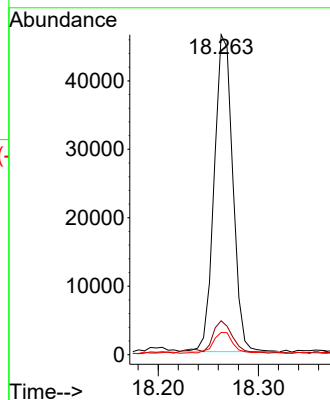
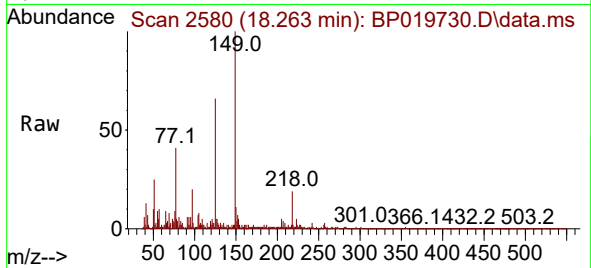
Tgt Ion:149 Resp: 59434

Ion Ratio Lower Upper

149 100

150 10.6 7.3 10.9

104 7.0 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019730.D

Acq: 15 Feb 2024 19:10

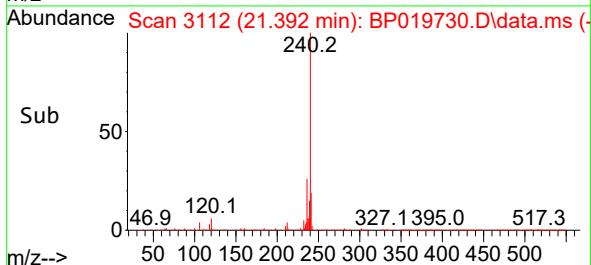
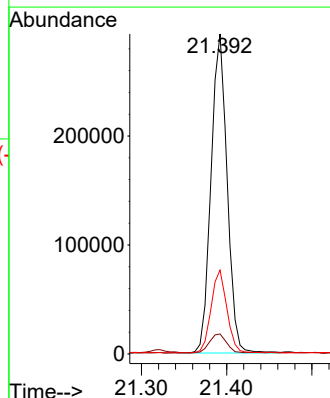
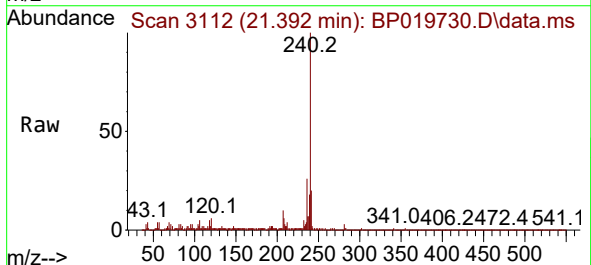
Tgt Ion:240 Resp: 385382

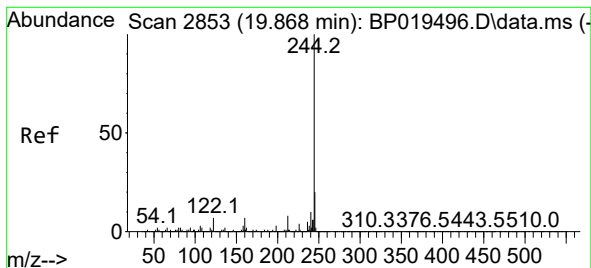
Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 52.461 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019730.D

Acq: 15 Feb 2024 19:10

Instrument :

BNA_P

ClientSampleId :

B-4(4-6)

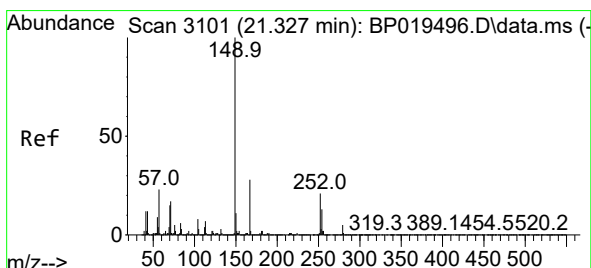
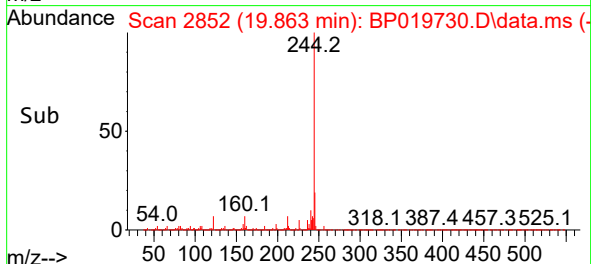
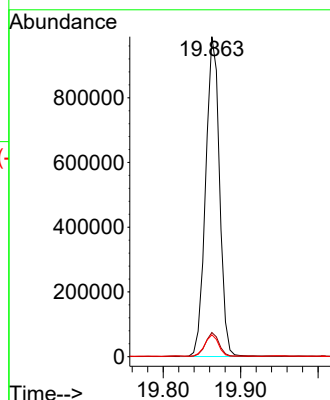
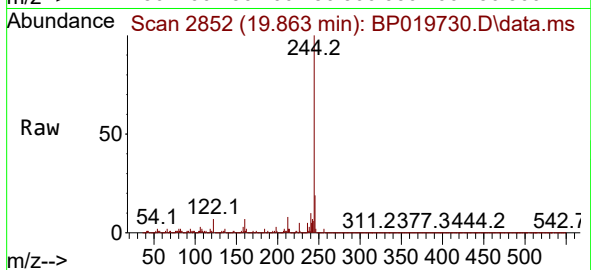
Tgt Ion:244 Resp: 1229380

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 6.9 5.9 8.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 244.319 ng

RT: 21.322 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019730.D

Acq: 15 Feb 2024 19:10

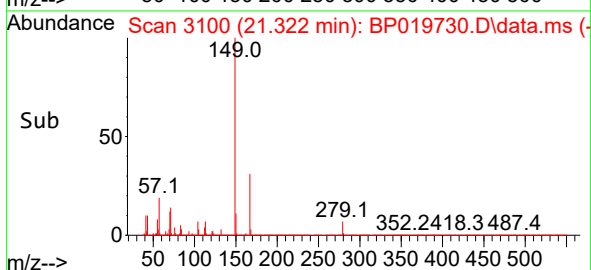
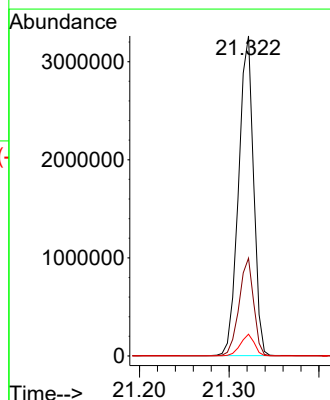
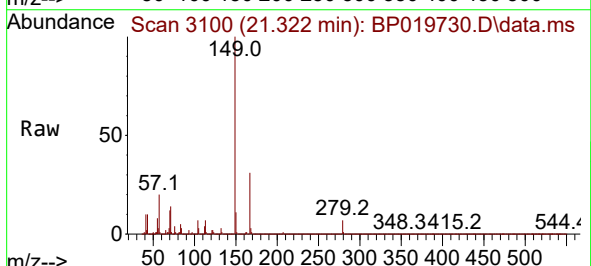
Tgt Ion:149 Resp: 3778851

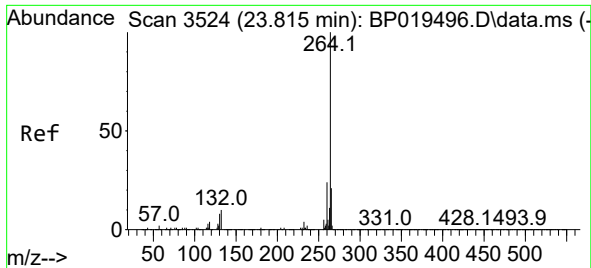
Ion Ratio Lower Upper

149 100

167 30.6 22.7 34.1

279 6.8 4.2 6.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.816 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP019730.D
 Acq: 15 Feb 2024 19:10

Instrument :
 BNA_P
 ClientSampleId :
 B-4(4-6)

Tgt Ion:264 Resp: 455006
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.1 17.0 25.4

