

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019731.D
 Acq On : 15 Feb 2024 19:44
 Operator : MA/JU
 Sample : P1395-03DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 00:55:09 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)

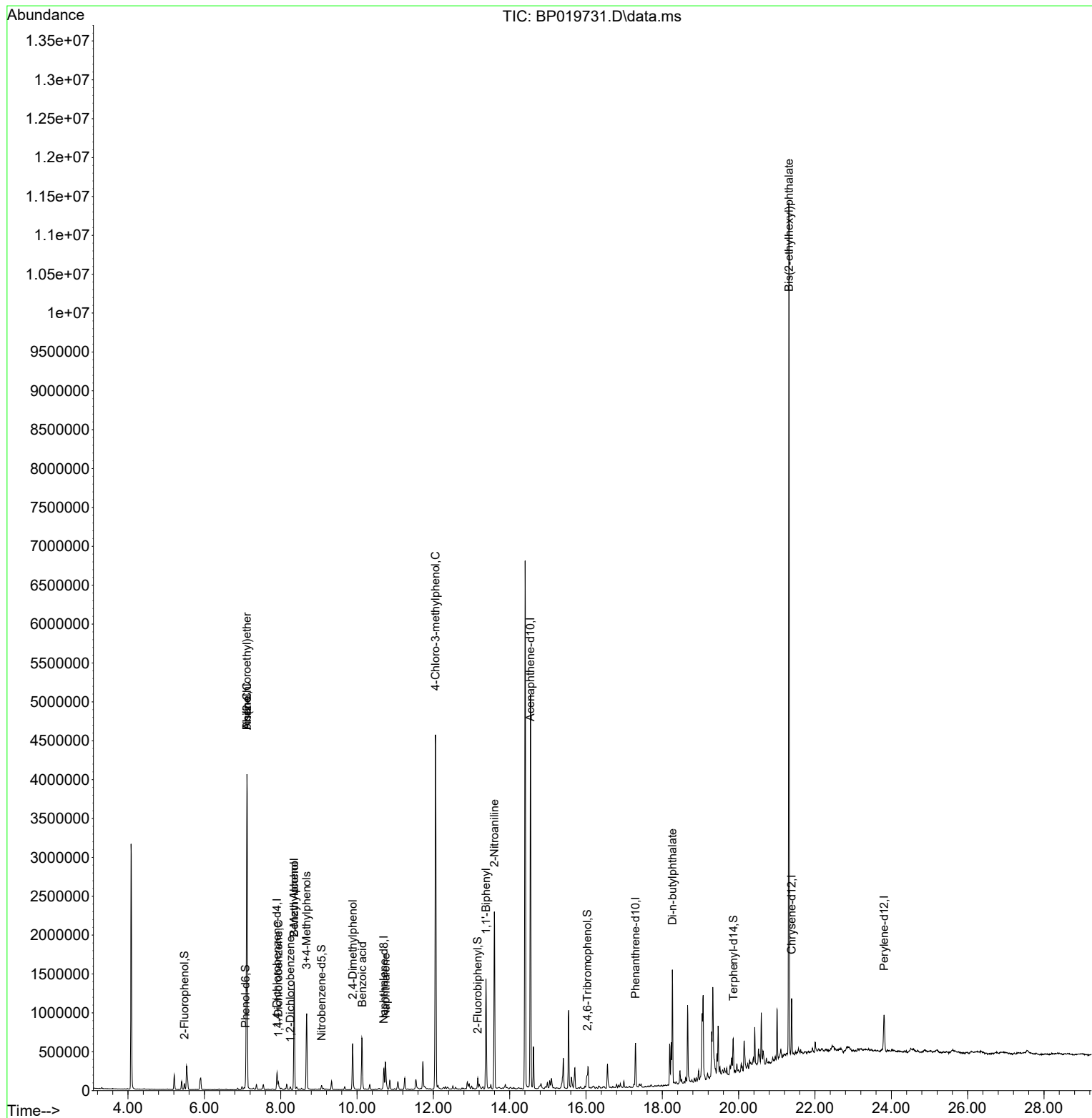
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	59208	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	221850	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	169163	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	365656	20.000	ng	0.00
76) Chrysene-d12	21.386	240	356676	20.000	ng	0.00
86) Perylene-d12	23.810	264	421771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32314	8.797	ng	0.00
7) Phenol-d6	7.081	99	44636	9.012	ng	0.00
23) Nitrobenzene-d5	9.069	82	30838	6.023	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	26652	10.791	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	74597	5.451	ng	-0.02
79) Terphenyl-d14	19.863	244	145865	6.725	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.116	93	55013	11.431	ng	# 1
10) Phenol	7.116	94	2503244	507.112	ng	98
11) bis(2-Chloroethyl)ether	7.116	93	55013	14.325	ng	# 1
13) 1,4-Dichlorobenzene	7.940	146	38063	8.142	ng	99
14) 1,2-Dichlorobenzene	8.252	146	12309	2.721	ng	93
15) Benzyl Alcohol	8.352	79	223370	56.446	ng	# 1
17) 2-Methylphenol	8.352	107	405416	121.992	ng	99
20) 3+4-Methylphenols	8.681	107	451309	99.506	ng	93
27) 2,4-Dimethylphenol	9.887	122	168253	66.945	ng	97
31) Naphthalene	10.752	128	56694	4.659	ng	98
32) Benzoic acid	10.140	122	46967	19.180	ng	# 25
36) 4-Chloro-3-methylphenol	12.057	107	1206868	291.328	ng	# 22
46) 1,1'-Biphenyl	13.381	154	538330	39.872	ng	99
48) 2-Nitroaniline	13.598	65	79206	25.558	ng	# 10
74) Di-n-butylphthalate	18.263	149	988806	46.895	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	4333538	302.731	ng	98

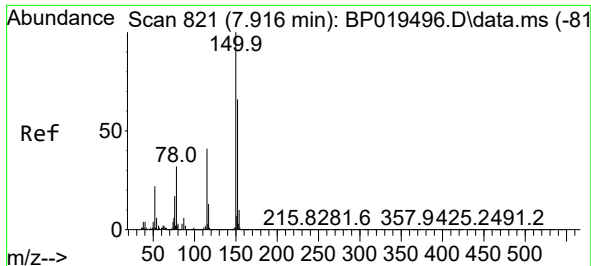
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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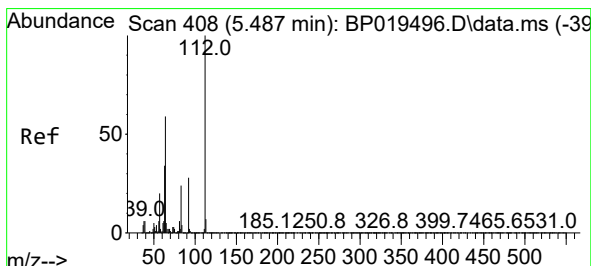
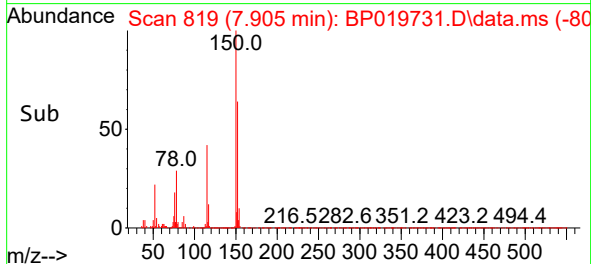
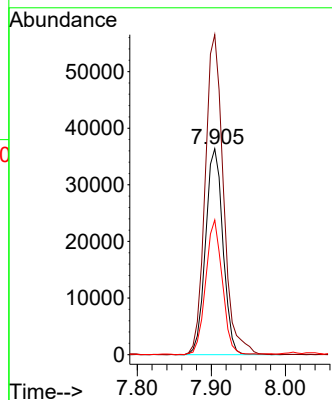
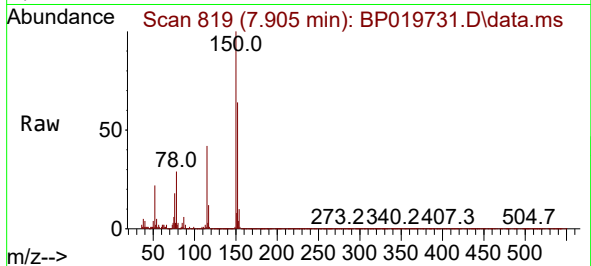




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

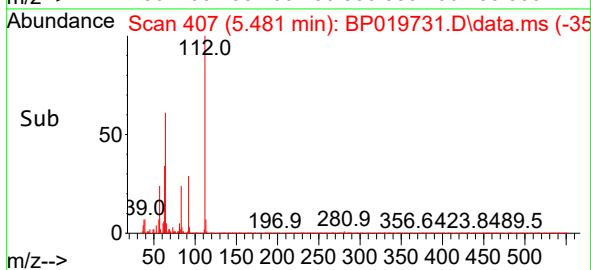
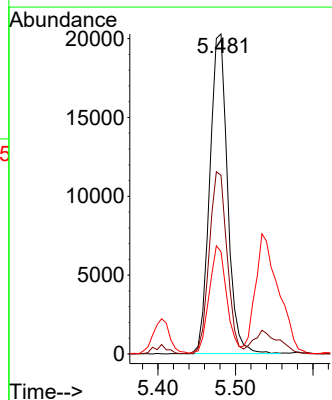
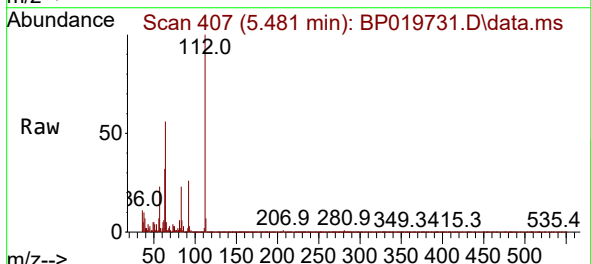
Instrument :
BNA_N
ClientSampleId :

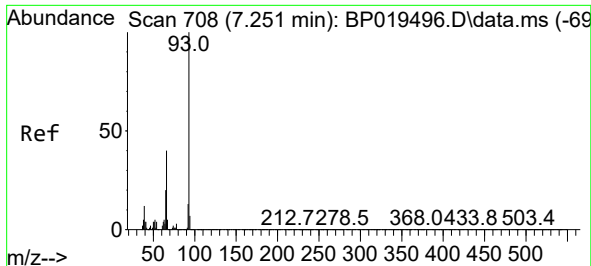
Tgt Ion:152 Resp: 59208
Ion Ratio Lower Upper
152 100
150 155.4 121.8 182.8
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 8.797 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:112 Resp: 32314
Ion Ratio Lower Upper
112 100
64 55.9 47.4 71.0
63 31.9 27.0 40.6

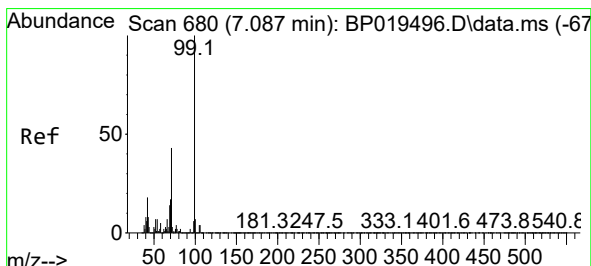
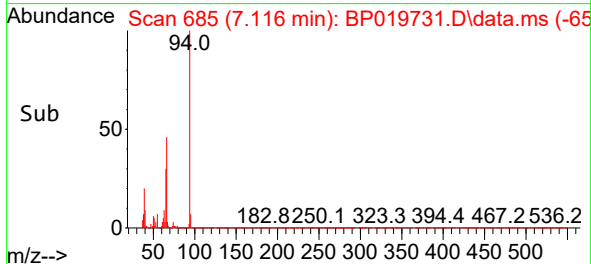
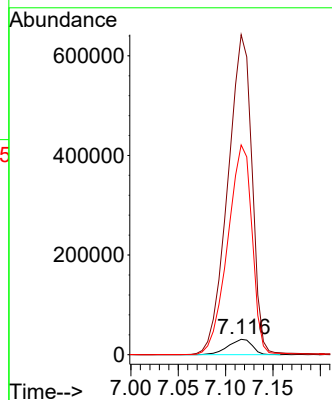
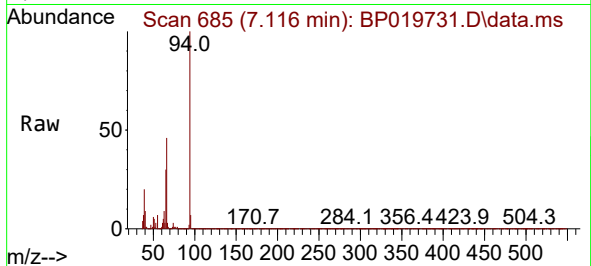




#6
Aniline
Concen: 11.431 ng
RT: 7.116 min Scan# 61
Delta R.T. -0.135 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

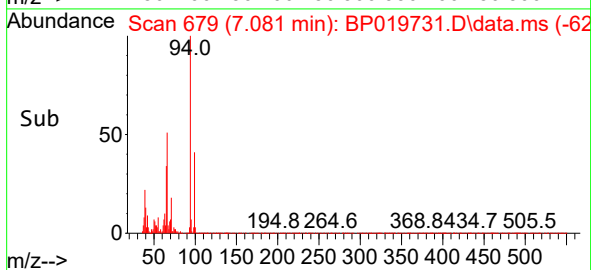
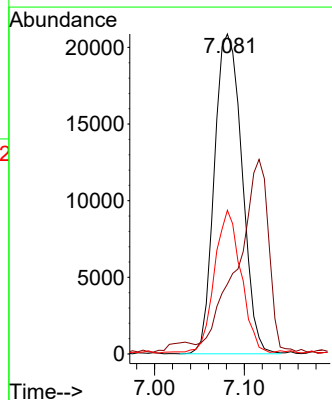
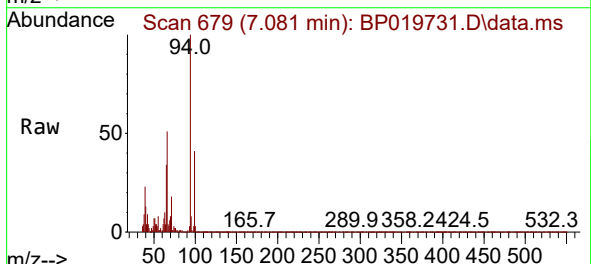
Instrument :
BNA_N
ClientSampleId :

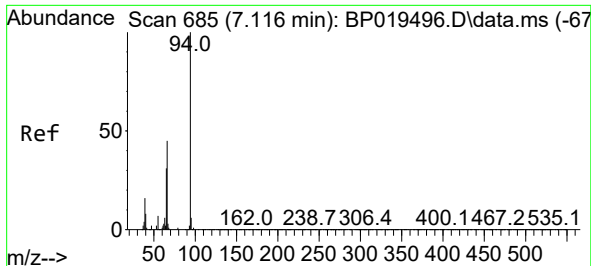
Tgt Ion: 93 Resp: 55013
Ion Ratio Lower Upper
93 100
66 2078.5 32.3 48.5#
65 1362.5 16.4 24.6#



#7
Phenol-d6
Concen: 9.012 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion: 99 Resp: 44636
Ion Ratio Lower Upper
99 100
42 21.9 14.7 22.1
71 44.9 34.8 52.2

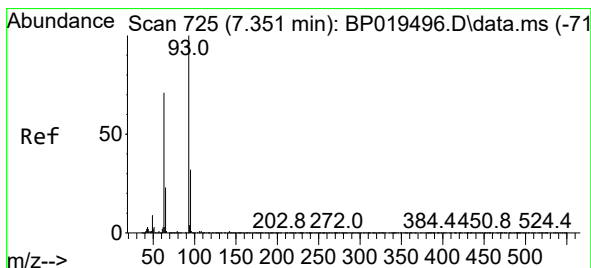
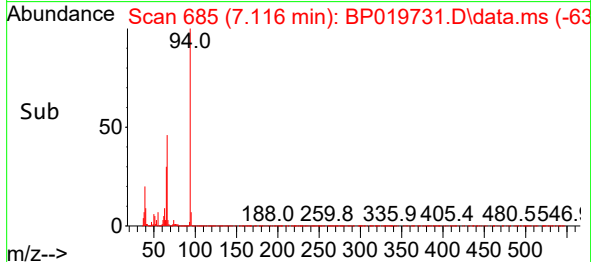
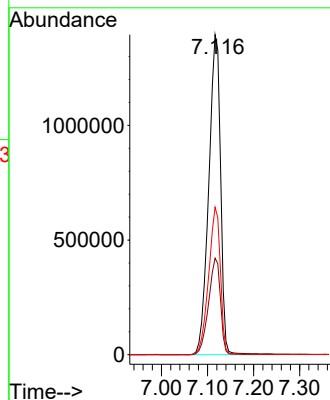
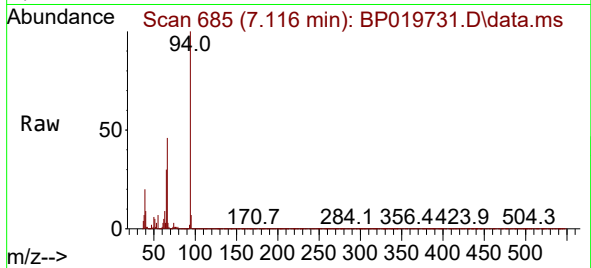




#10
Phenol
Concen: 507.112 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

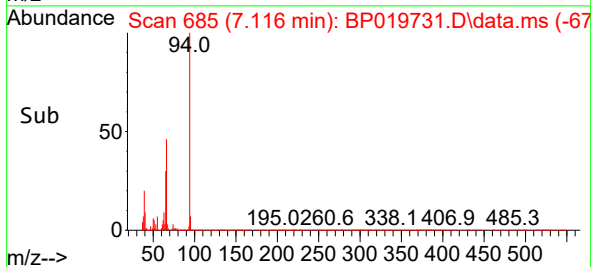
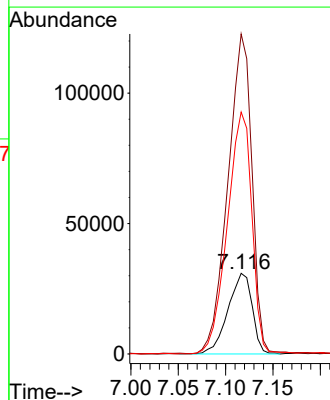
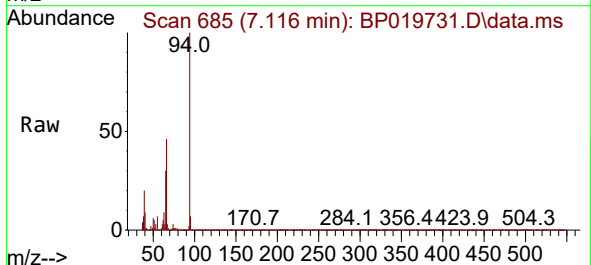
Instrument :
BNA_N
ClientSampleId :

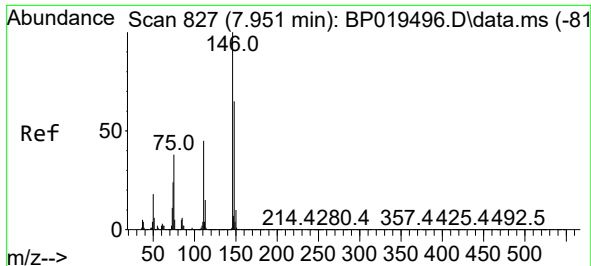
Tgt Ion: 94 Resp: 2503244
Ion Ratio Lower Upper
94 100
65 30.2 11.3 51.3
66 46.0 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 14.325 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.235 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion: 93 Resp: 55013
Ion Ratio Lower Upper
93 100
63 396.8 51.2 91.2#
95 299.9 11.8 51.8#

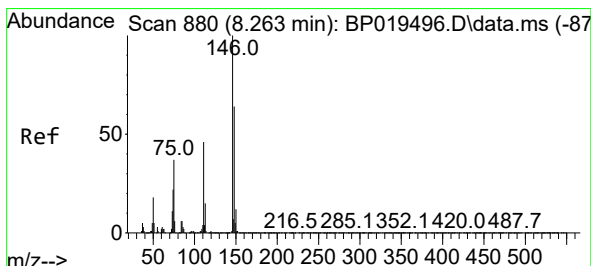
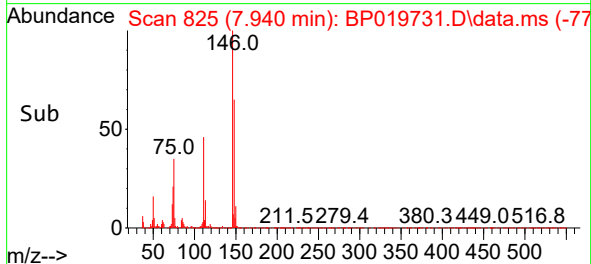
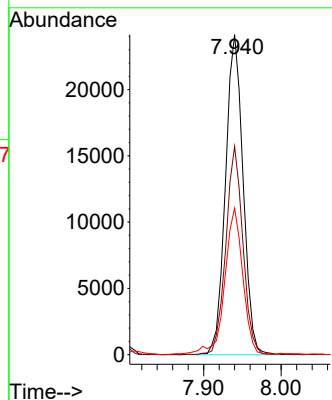
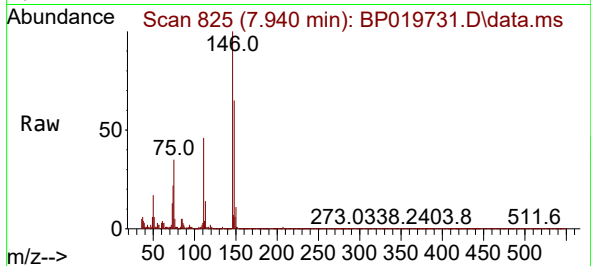




#13
1,4-Dichlorobenzene
Concen: 8.142 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

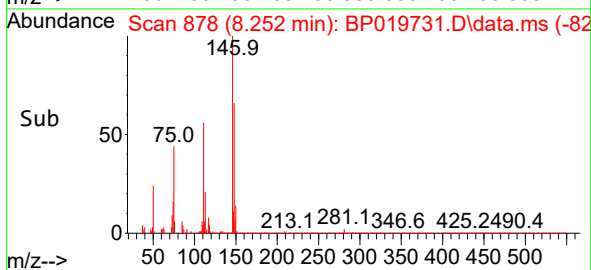
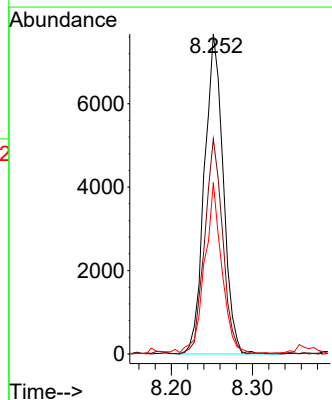
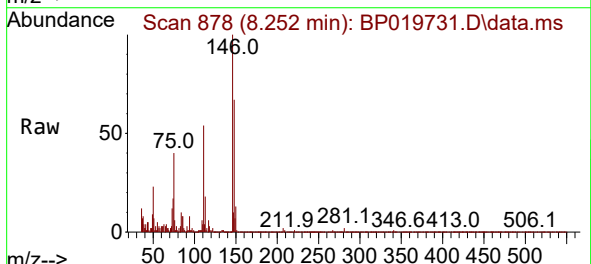
Instrument :
BNA_N
ClientSampleId :

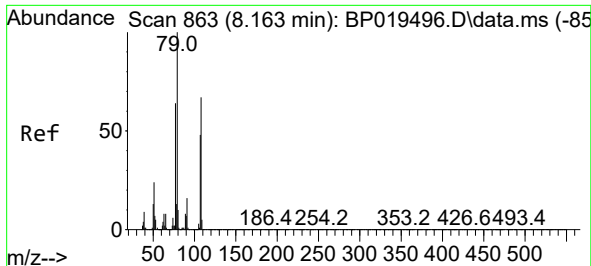
Tgt Ion:146 Resp: 38063
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 45.8 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 2.721 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:146 Resp: 12309
Ion Ratio Lower Upper
146 100
148 67.2 51.4 77.0
111 53.5 37.0 55.6

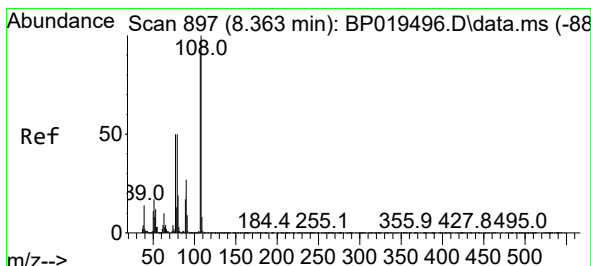
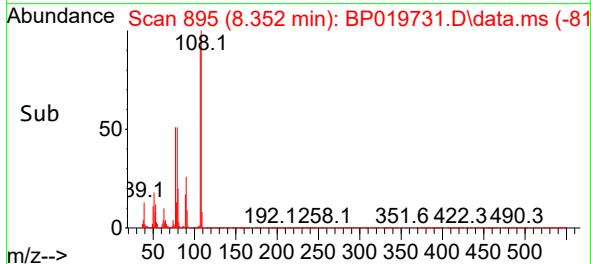
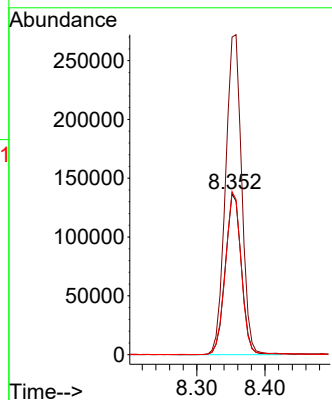
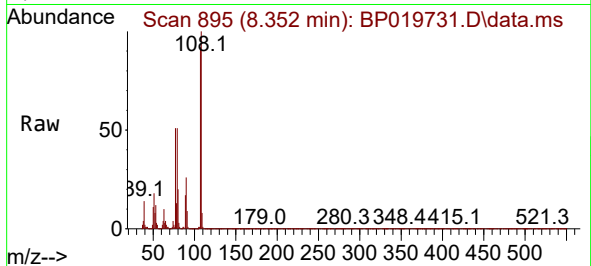




#15
Benzyl Alcohol
Concen: 56.446 ng
RT: 8.352 min Scan# 895
Delta R.T. 0.189 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

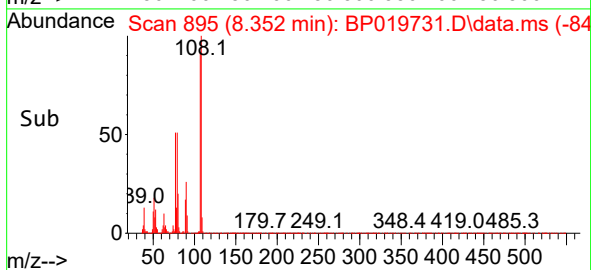
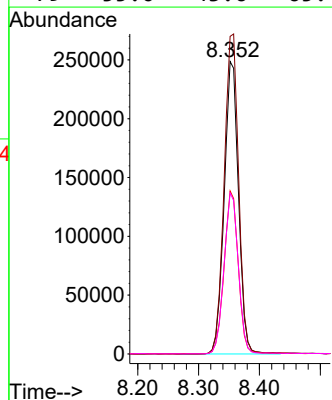
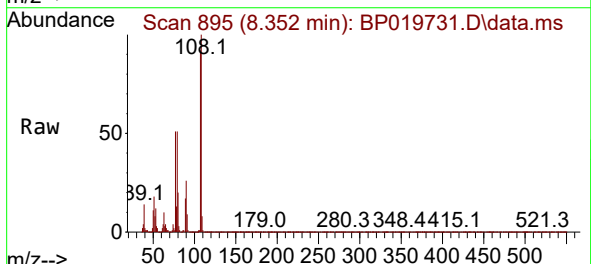
Instrument :
BNA_N
ClientSampleId :

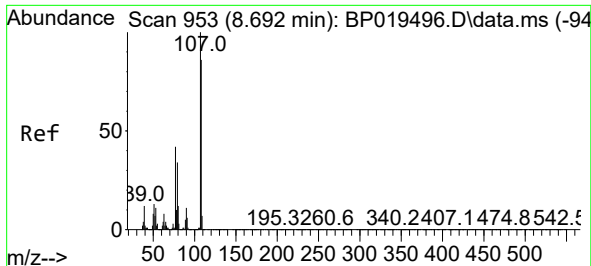
Tgt Ion: 79 Resp: 223370
Ion Ratio Lower Upper
79 100
108 197.4 53.8 80.6#
77 101.3 51.3 76.9#



#17
2-Methylphenol
Concen: 121.992 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

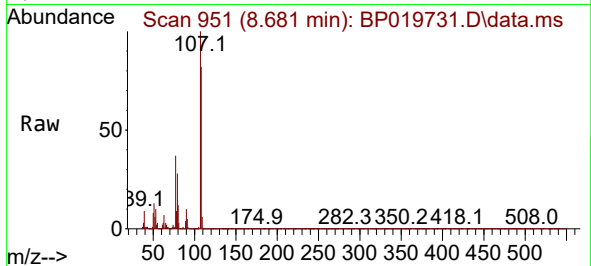
Tgt Ion: 107 Resp: 405416
Ion Ratio Lower Upper
107 100
108 108.6 87.0 130.6
77 55.7 43.5 65.3
79 55.0 43.6 65.4



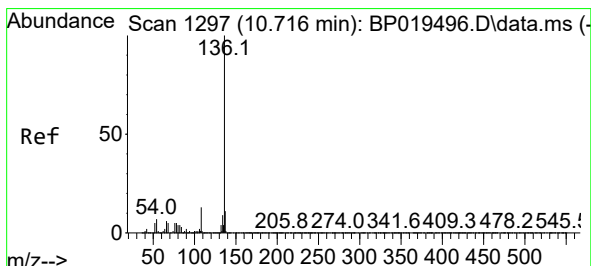
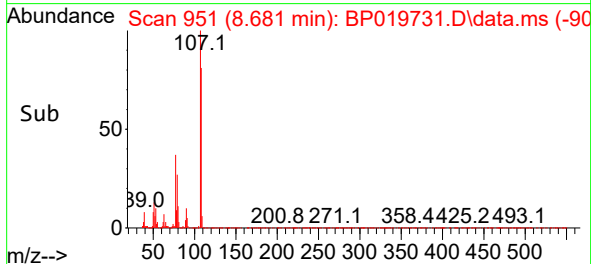
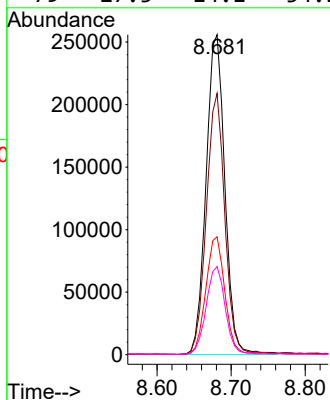


#20
3+4-Methylphenols
Concen: 99.506 ng
RT: 8.681 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Instrument :
BNA_N
ClientSampleId :

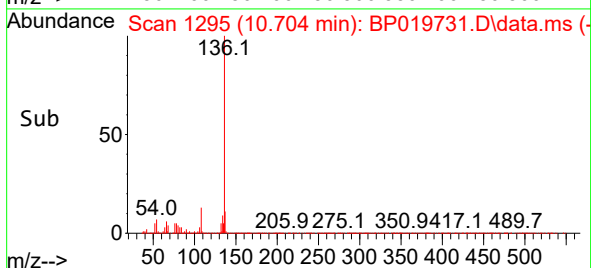
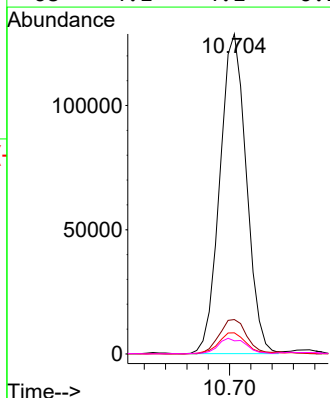
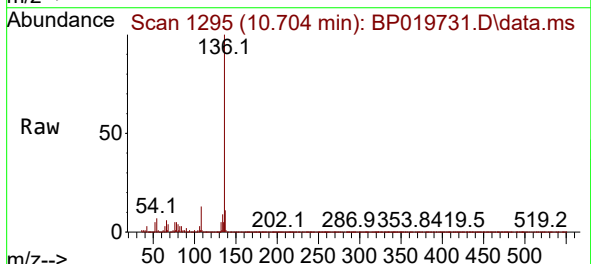


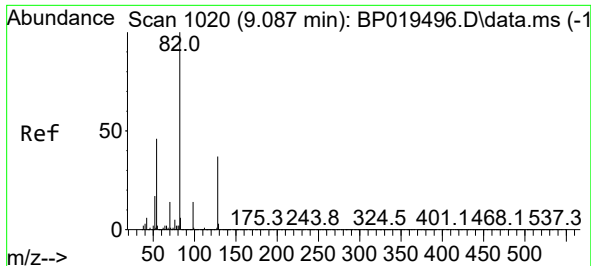
Tgt Ion:107 Resp: 451309
Ion Ratio Lower Upper
107 100
108 81.7 65.5 105.5
77 36.9 21.8 61.8
79 27.5 14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:136 Resp: 221850
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.3 7.9
68 4.1 4.1 6.1

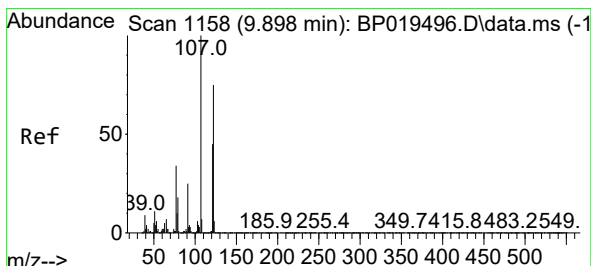
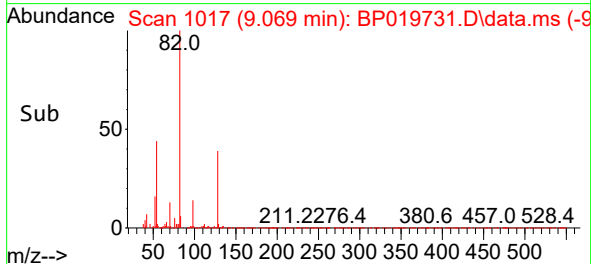
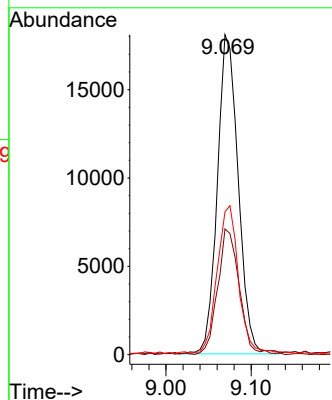
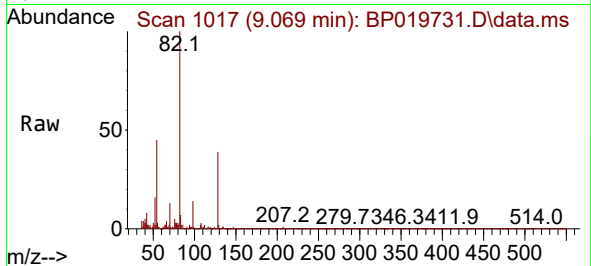




#23
Nitrobenzene-d5
Concen: 6.023 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

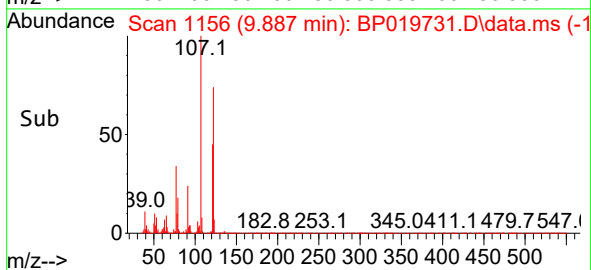
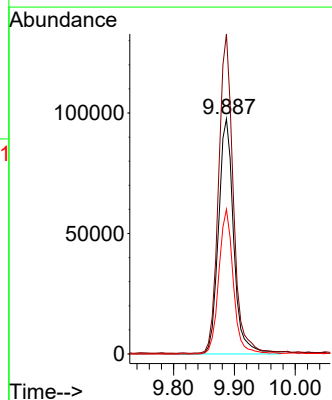
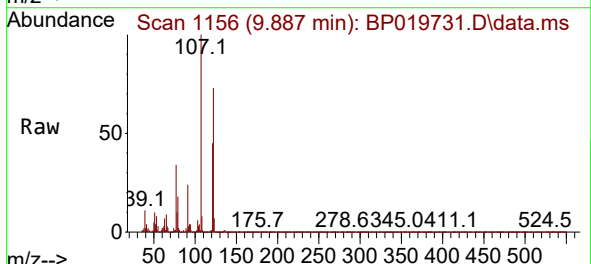
Instrument :
BNA_N
ClientSampleId :

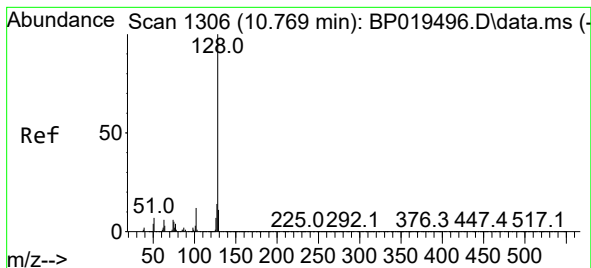
Tgt Ion: 82 Resp: 30838
Ion Ratio Lower Upper
82 100
128 39.3 29.7 44.5
54 44.7 36.8 55.2



#27
2,4-Dimethylphenol
Concen: 66.945 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion: 122 Resp: 168253
Ion Ratio Lower Upper
122 100
107 136.1 105.9 158.9
121 61.6 47.5 71.3





#31

Naphthalene

Concen: 4.659 ng

RT: 10.752 min Scan# 1199

Delta R.T. -0.017 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

Instrument :

BNA_N

ClientSampleId :

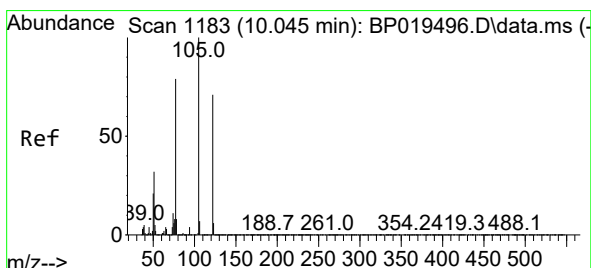
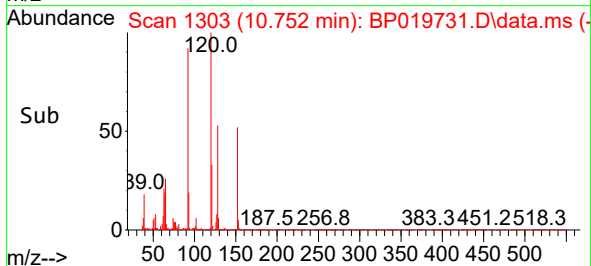
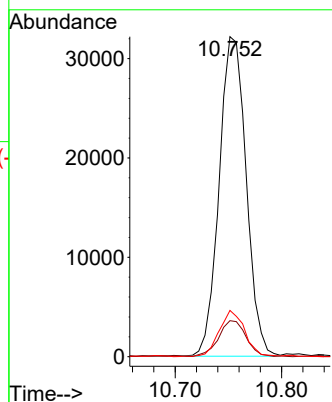
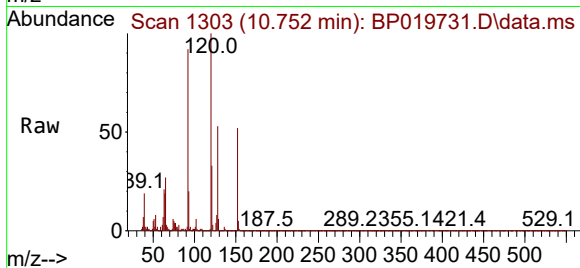
Tgt Ion:128 Resp: 56694

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 14.4 10.8 16.2



#32

Benzoic acid

Concen: 19.180 ng

RT: 10.140 min Scan# 1199

Delta R.T. 0.094 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

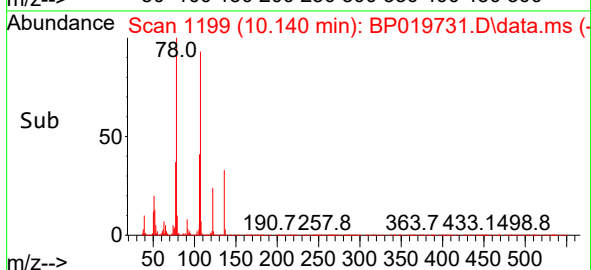
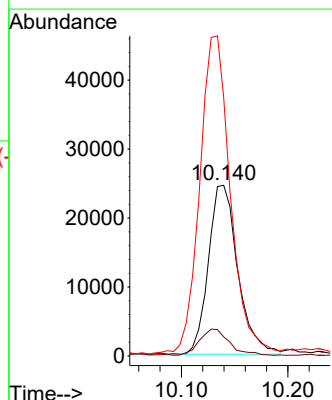
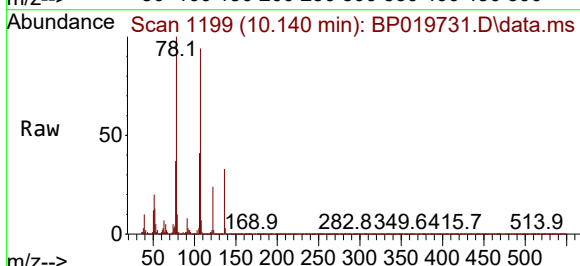
Tgt Ion:122 Resp: 46967

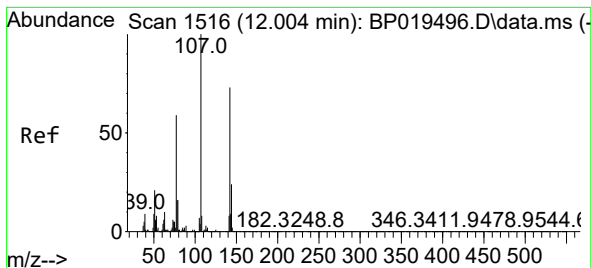
Ion Ratio Lower Upper

122 100

105 11.1 118.8 158.8#

77 151.1 91.7 131.7#

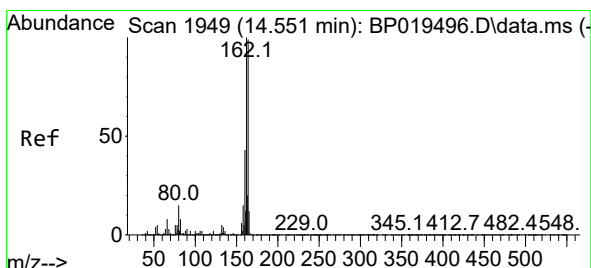
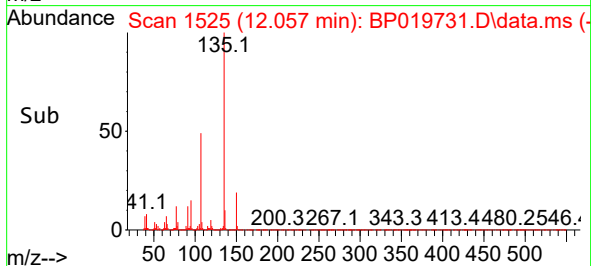
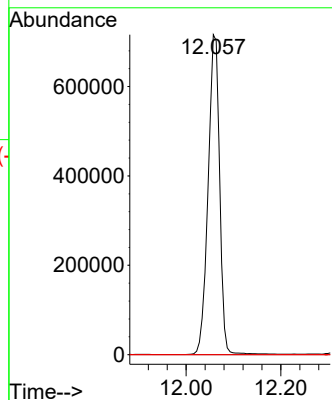
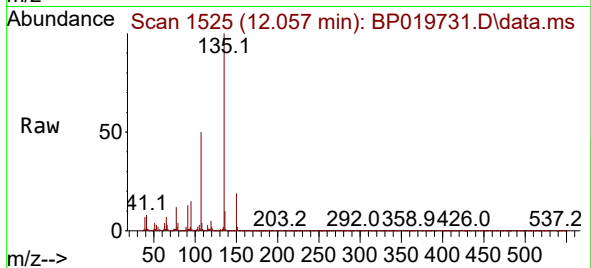




#36
4-Chloro-3-methylphenol
Concen: 291.328 ng
RT: 12.057 min Scan# 11
Delta R.T. 0.053 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

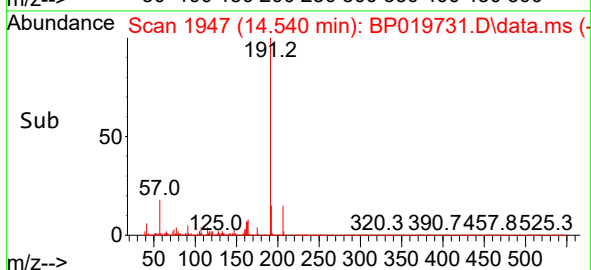
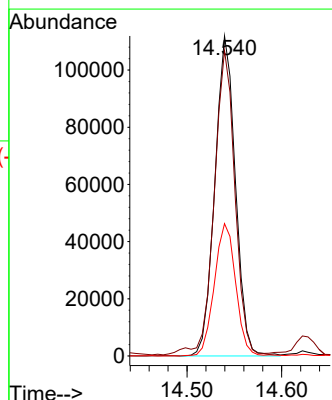
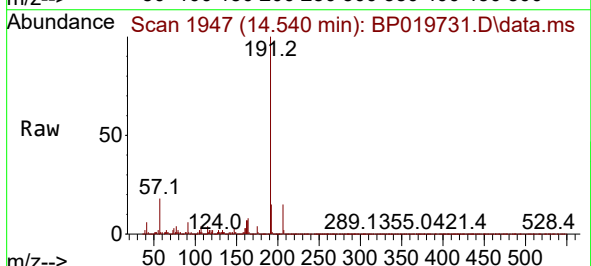
Instrument :
BNA_N
ClientSampleId :

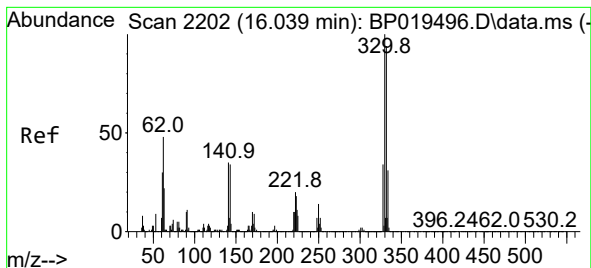
Tgt Ion:107 Resp: 1206868
Ion Ratio Lower Upper
107 100
144 0.0 19.0 28.4#
142 0.0 58.6 88.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:164 Resp: 169163
Ion Ratio Lower Upper
164 100
162 95.5 81.2 121.8
160 41.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 10.791 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

Instrument :

BNA_N

ClientSampleId :

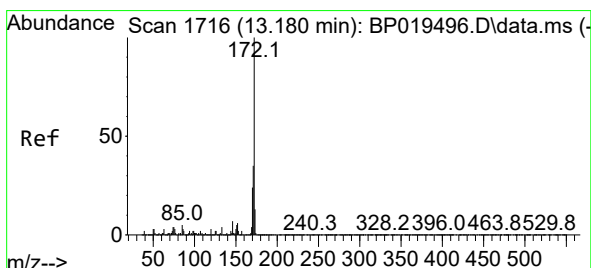
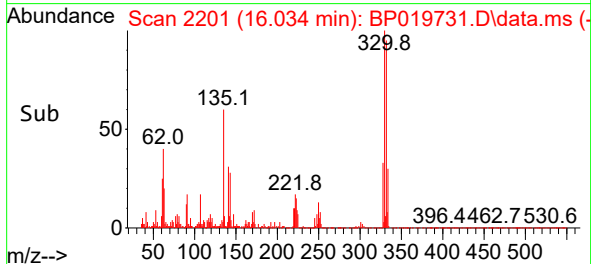
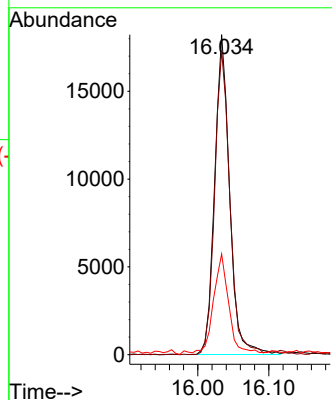
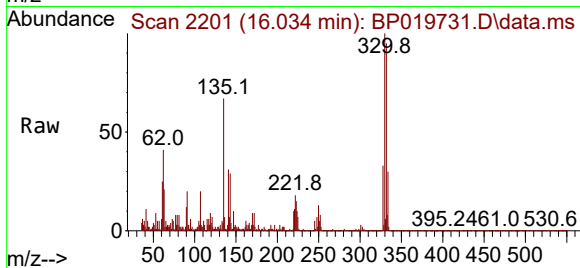
Tgt Ion:330 Resp: 26652

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

141 33.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 5.451 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

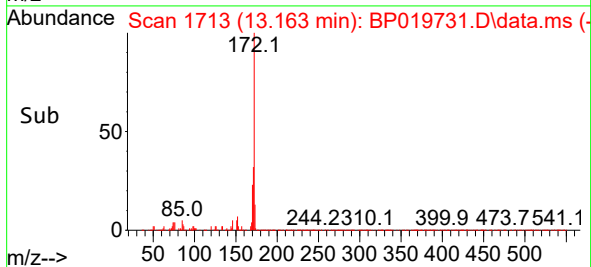
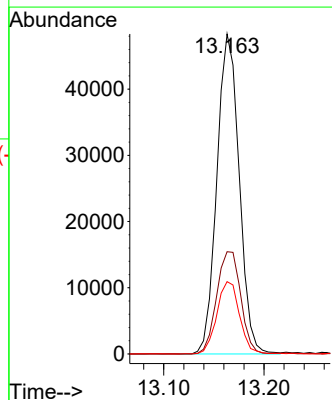
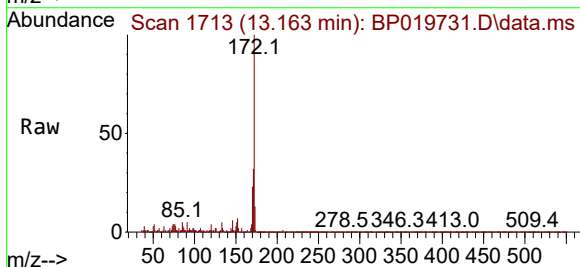
Tgt Ion:172 Resp: 74597

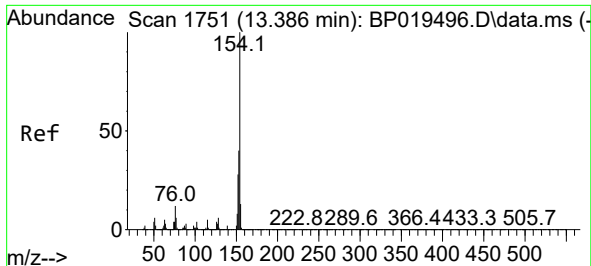
Ion Ratio Lower Upper

172 100

171 31.9 28.2 42.4

170 22.6 18.9 28.3

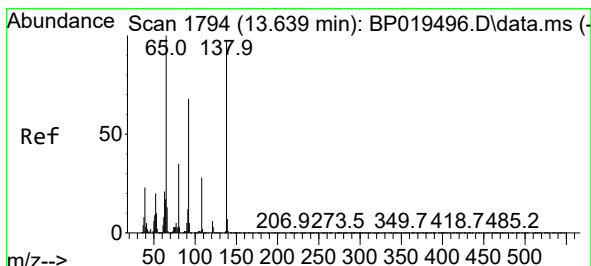
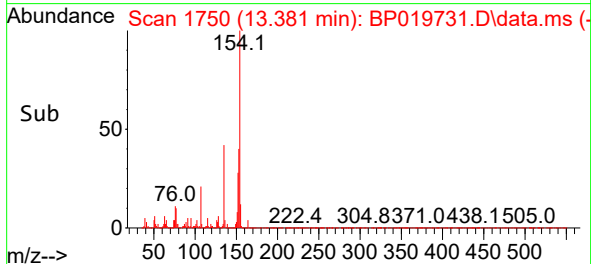
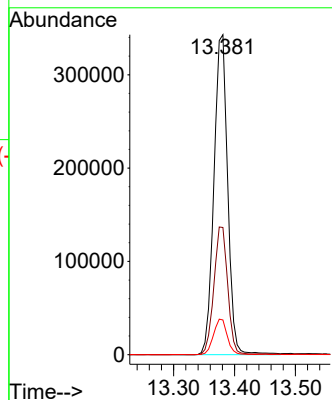
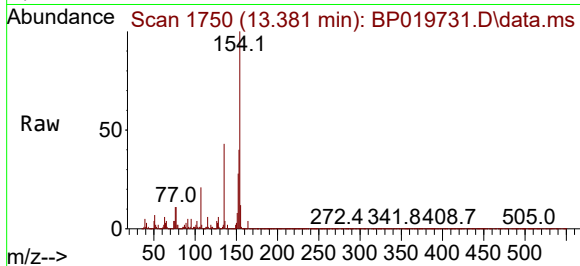




#46
1,1'-Biphenyl
Concen: 39.872 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

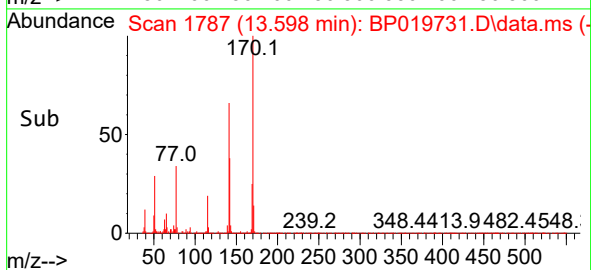
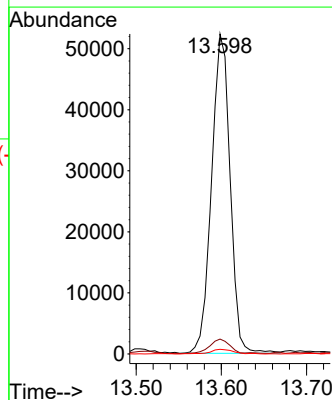
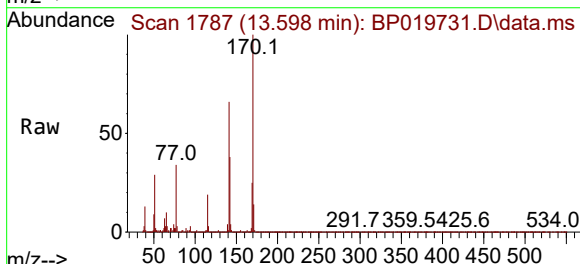
Instrument :
BNA_N
ClientSampleId :

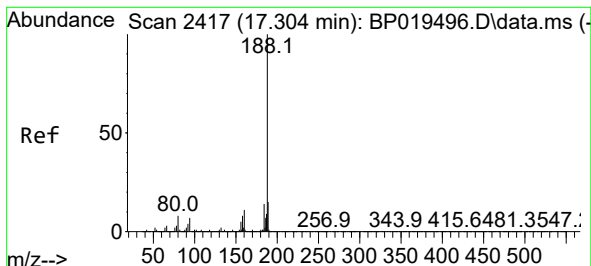
Tgt Ion:154 Resp: 538330
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 10.9 0.0 31.6



#48
2-Nitroaniline
Concen: 25.558 ng
RT: 13.598 min Scan# 1787
Delta R.T. -0.041 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion: 65 Resp: 79206
Ion Ratio Lower Upper
65 100
92 4.7 54.7 82.1#
138 1.5 77.8 116.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

Instrument :

BNA_N

ClientSampleId :

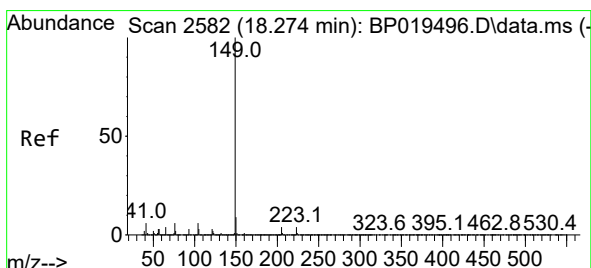
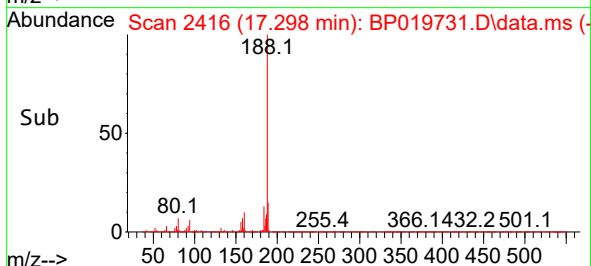
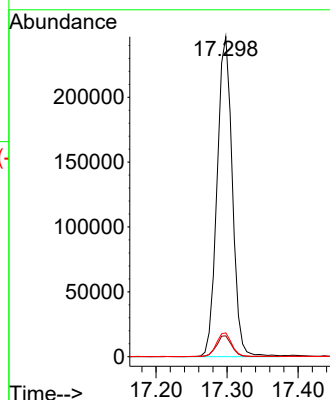
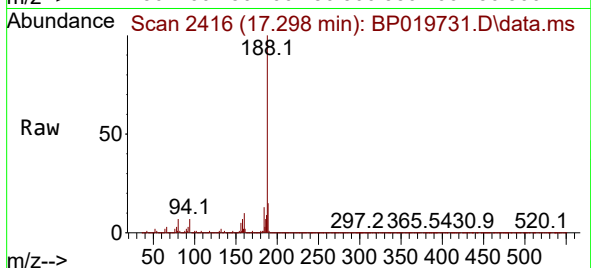
Tgt Ion:188 Resp: 365656

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.5 6.3 9.5



#74

Di-n-butylphthalate

Concen: 46.895 ng

RT: 18.263 min Scan# 2580

Delta R.T. -0.011 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

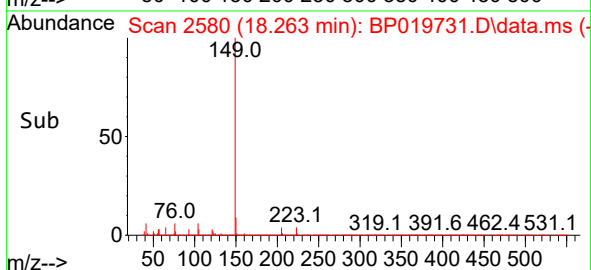
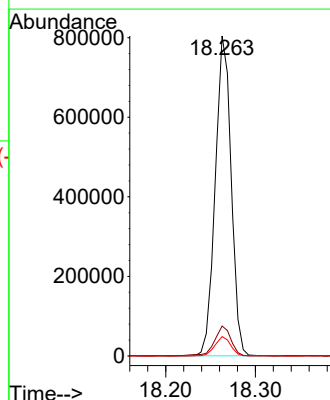
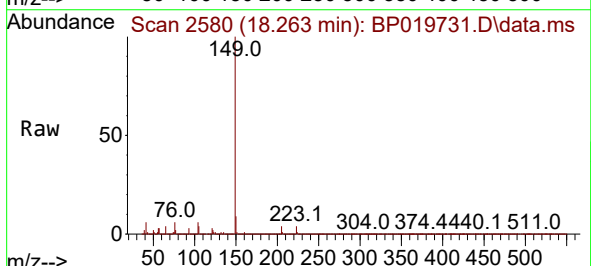
Tgt Ion:149 Resp: 988806

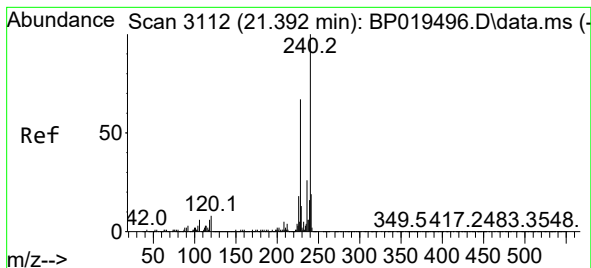
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.0 4.8 7.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

Instrument :

BNA_N

ClientSampleId :

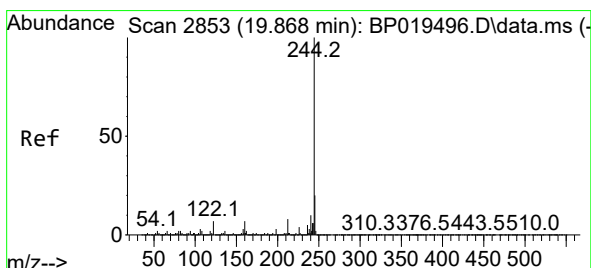
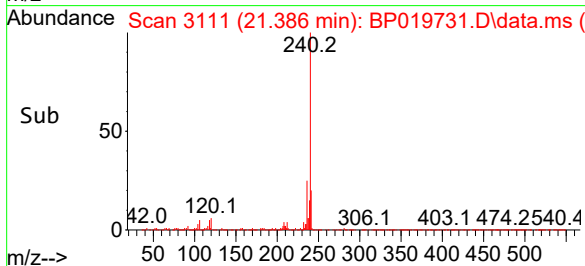
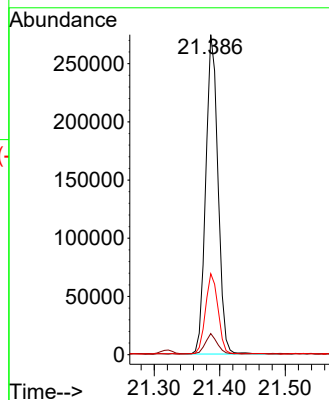
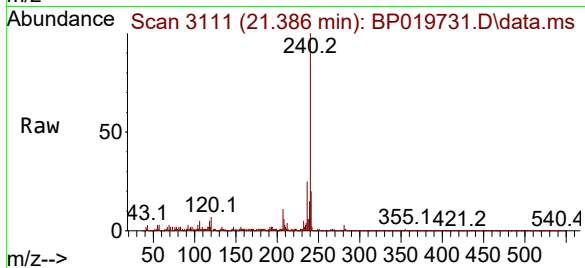
Tgt Ion:240 Resp: 356676

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.3 20.7 31.1



#79

Terphenyl-d14

Concen: 6.725 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

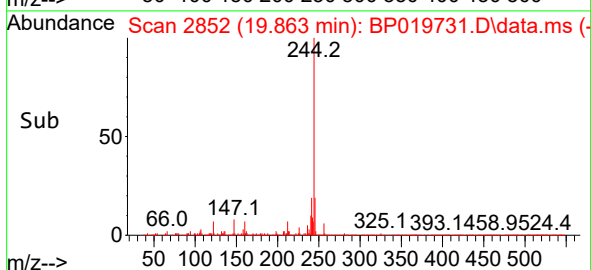
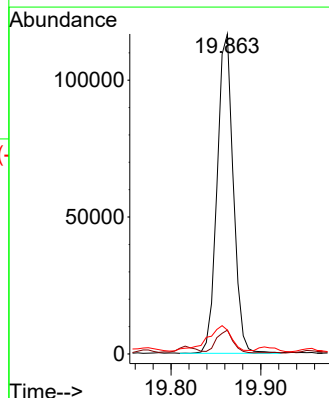
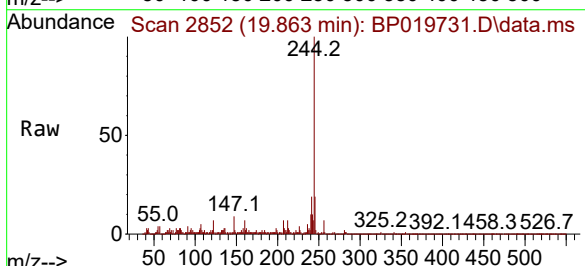
Tgt Ion:244 Resp: 145865

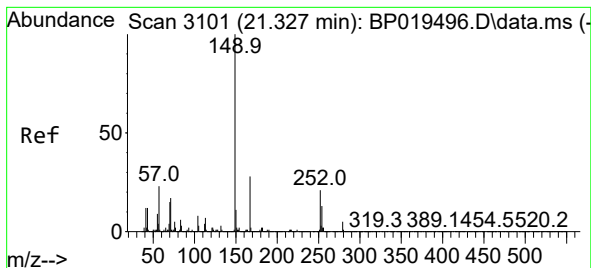
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 7.5 5.9 8.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 302.731 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.011 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

Instrument :

BNA_N

ClientSampleId :

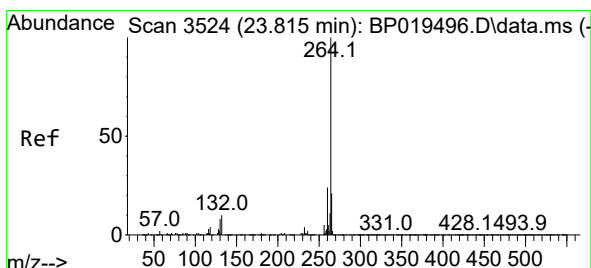
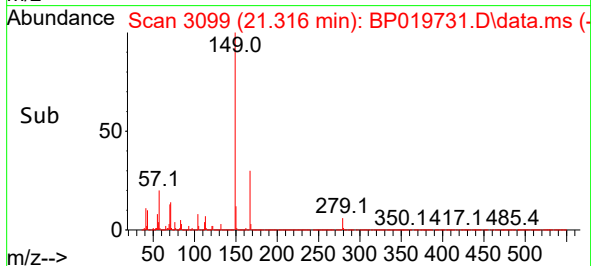
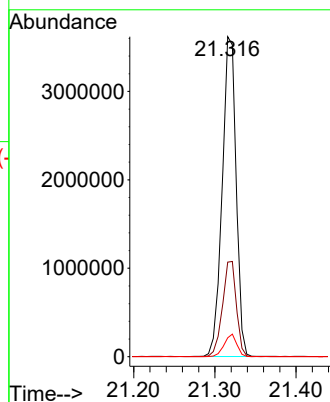
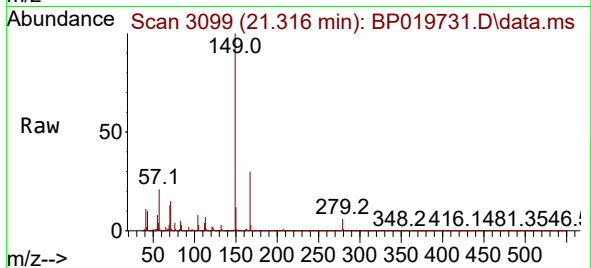
Tgt Ion:149 Resp: 4333538

Ion Ratio Lower Upper

149 100

167 29.5 22.7 34.1

279 5.9 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

Tgt Ion:264 Resp: 421771

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.2 17.0 25.4

