

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019732.D
 Acq On : 15 Feb 2024 20:18
 Operator : MA/JU
 Sample : P1395-04DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 00:55:33 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)

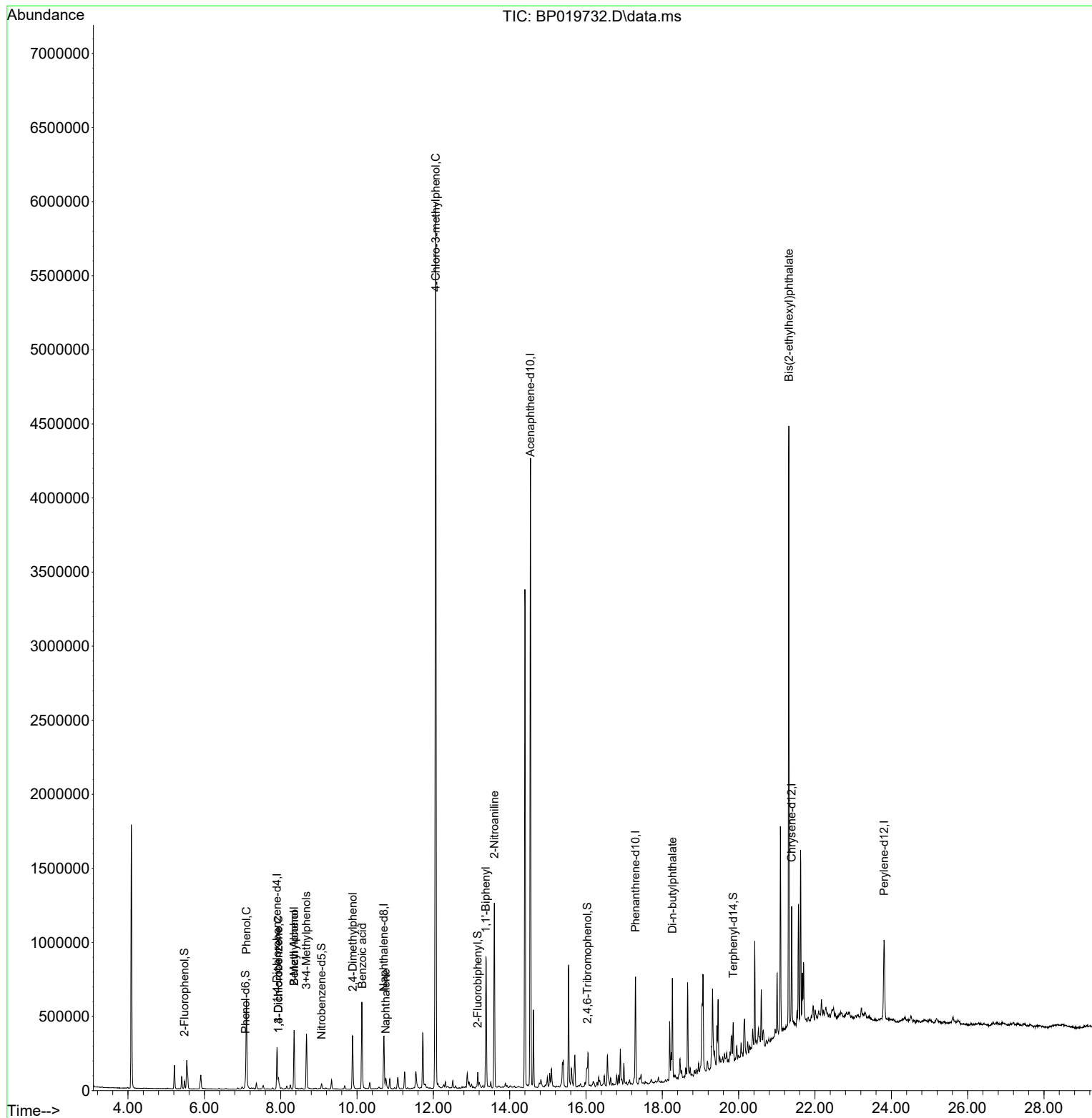
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	75695	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	291828	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	212826	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	456363	20.000	ng	0.00
76) Chrysene-d12	21.386	240	414544	20.000	ng	0.00
86) Perylene-d12	23.810	264	479144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	22316	4.752	ng	0.00
7) Phenol-d6	7.075	99	29886	4.720	ng	-0.01
23) Nitrobenzene-d5	9.069	82	21861	3.246	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	18971	6.105	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	53610	3.114	ng	-0.02
79) Terphenyl-d14	19.857	244	96386	3.824	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.105	94	338434	53.628	ng	99
12) 1,3-Dichlorobenzene	7.940	146	30679	5.200	ng	98
13) 1,4-Dichlorobenzene	7.940	146	30679	5.133	ng	97
15) Benzyl Alcohol	8.352	79	63273	12.507	ng	# 1
17) 2-Methylphenol	8.352	107	113320	26.672	ng	99
20) 3+4-Methylphenols	8.675	107	167423	28.874	ng	95
27) 2,4-Dimethylphenol	9.887	122	107644	32.559	ng	96
31) Naphthalene	10.751	128	35629	2.226	ng	97
32) Benzoic acid	10.140	122	28170	8.745	ng	# 9
36) 4-Chloro-3-methylphenol	12.063	107	1561884	286.618	ng	# 22
46) 1,1'-Biphenyl	13.375	154	234570	13.809	ng	98
48) 2-Nitroaniline	13.598	65	42225	10.830	ng	# 11
74) Di-n-butylphthalate	18.263	149	443046	16.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	1490619	89.595	ng	98

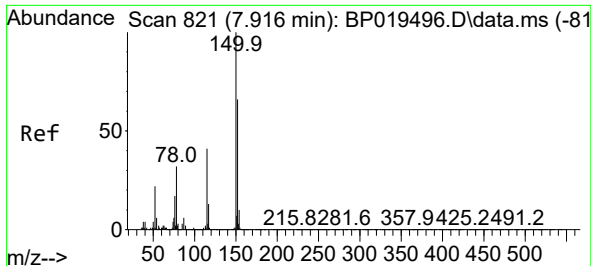
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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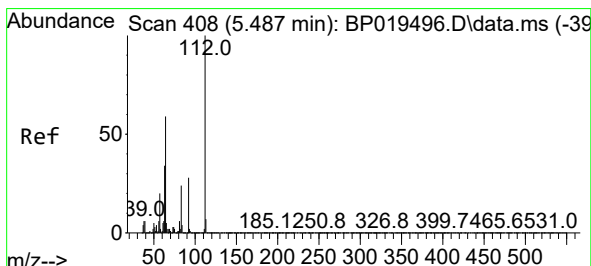
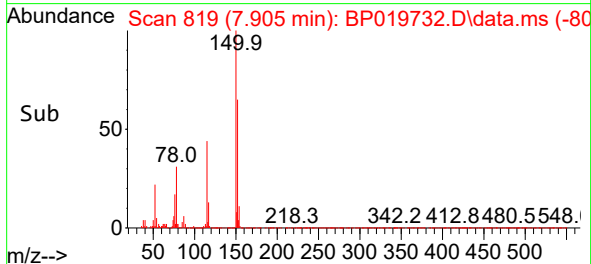
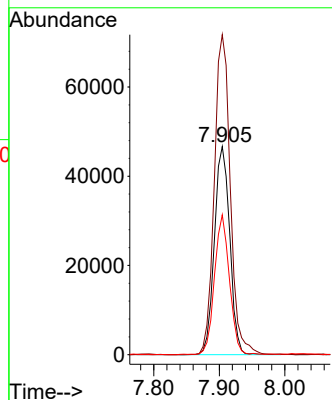
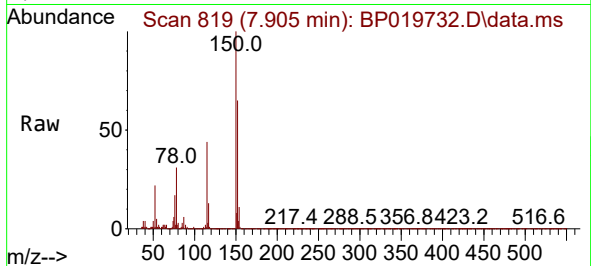




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

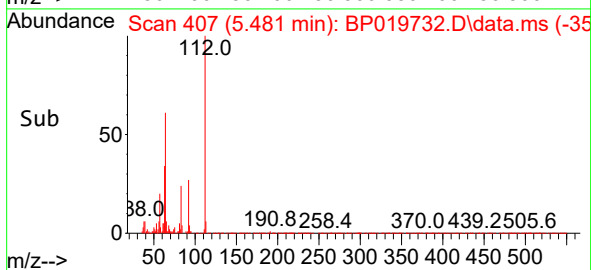
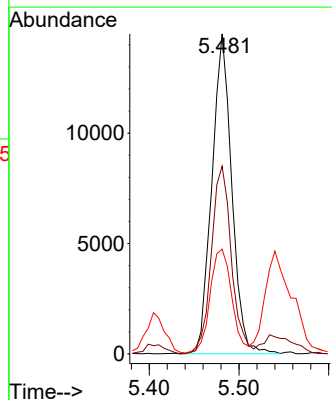
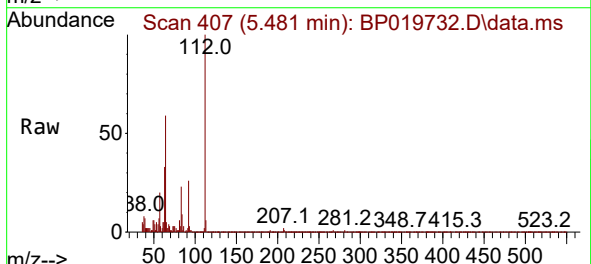
Instrument :
BNA_N
ClientSampleId :

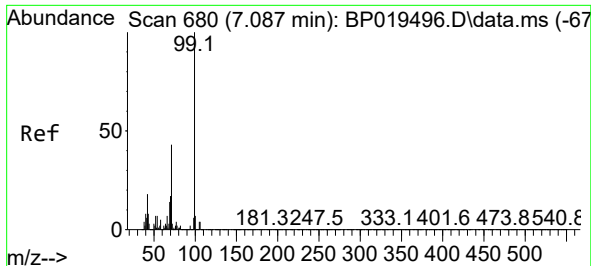
Tgt Ion:152 Resp: 75695
Ion Ratio Lower Upper
152 100
150 153.8 121.8 182.8
115 67.2 49.9 74.9



#5
2-Fluorophenol
Concen: 4.752 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:112 Resp: 22316
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 32.7 27.0 40.6

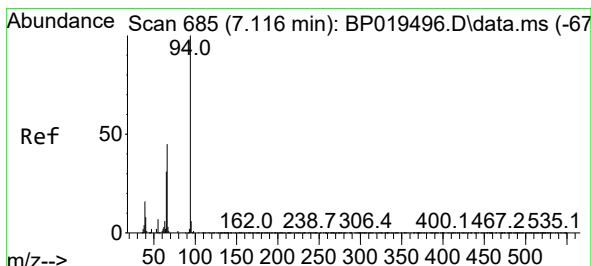
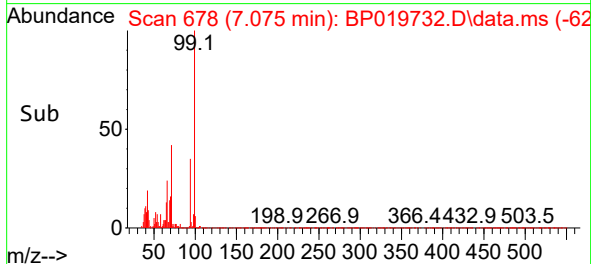
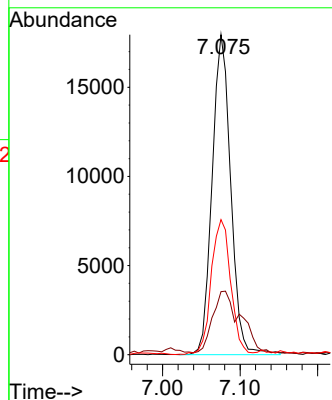
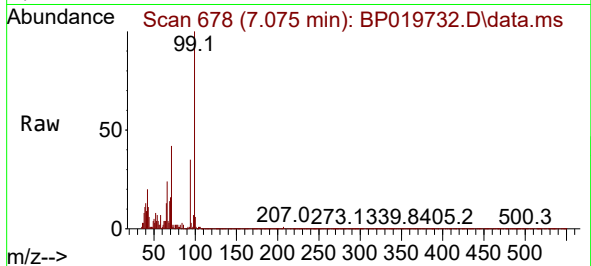




#7
Phenol-d6
Concen: 4.720 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

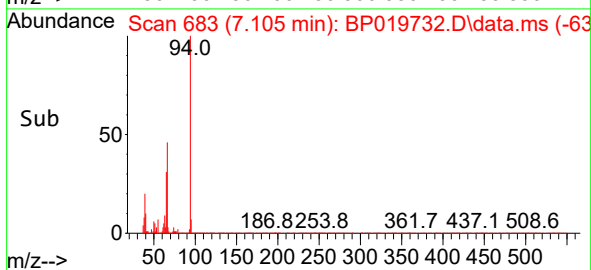
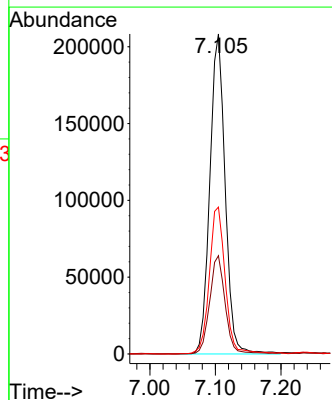
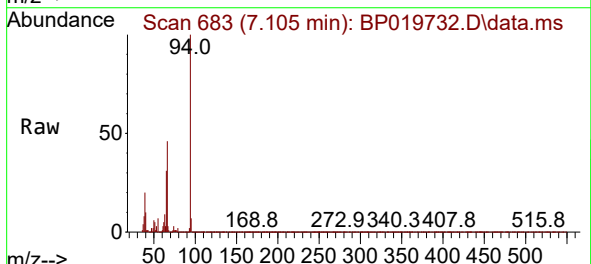
Instrument :
BNA_N
ClientSampleId :

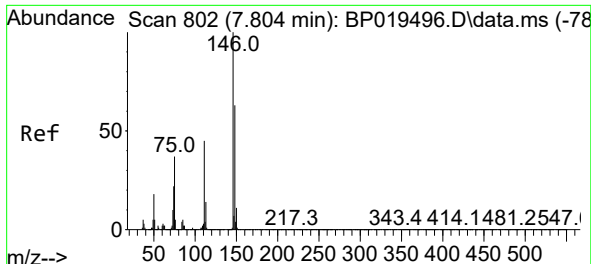
Tgt Ion: 99 Resp: 29886
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 42.2 34.8 52.2



#10
Phenol
Concen: 53.628 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion: 94 Resp: 338434
Ion Ratio Lower Upper
94 100
65 30.7 11.3 51.3
66 45.9 25.1 65.1

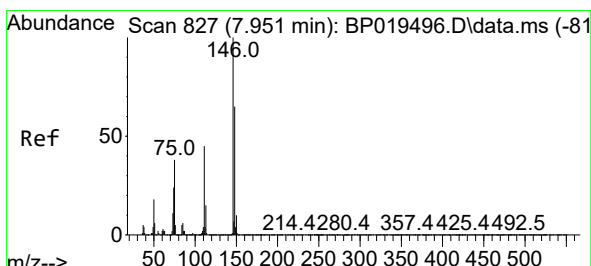
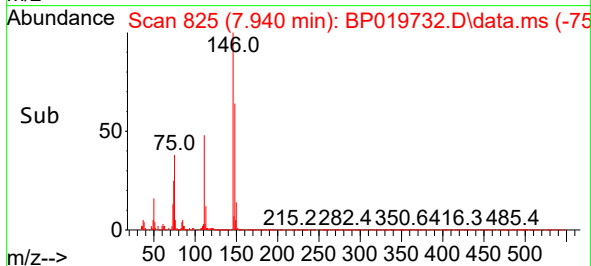
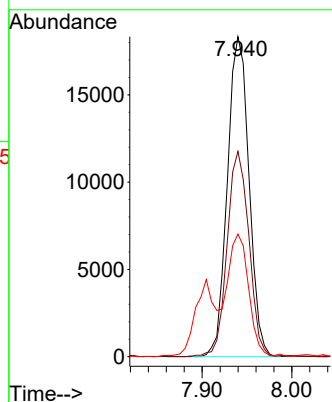
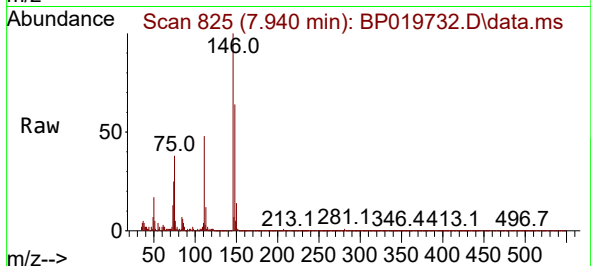




#12
1,3-Dichlorobenzene
Concen: 5.200 ng
RT: 7.940 min Scan# 81
Delta R.T. 0.136 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

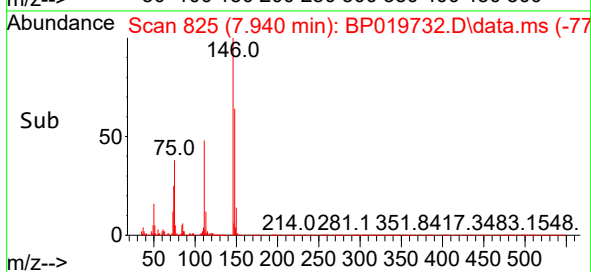
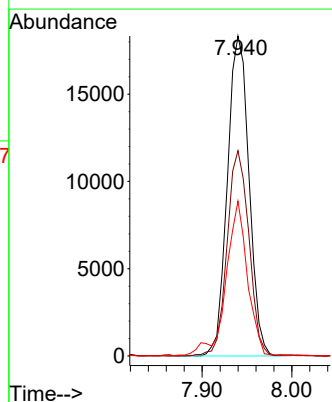
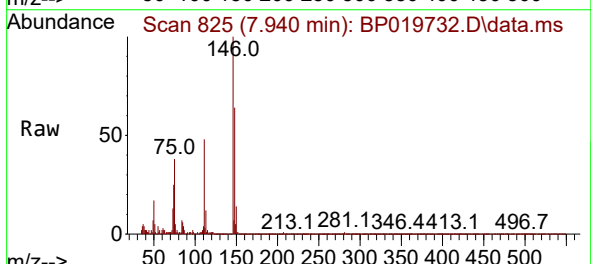
Instrument :
BNA_N
ClientSampleId :

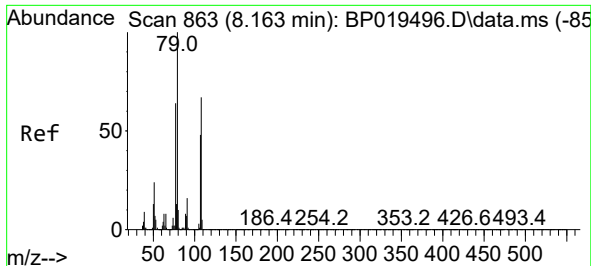
Tgt Ion:146 Resp: 30679
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 38.3 29.9 44.9



#13
1,4-Dichlorobenzene
Concen: 5.133 ng
RT: 7.940 min Scan# 825
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:146 Resp: 30679
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 48.4 35.8 53.6

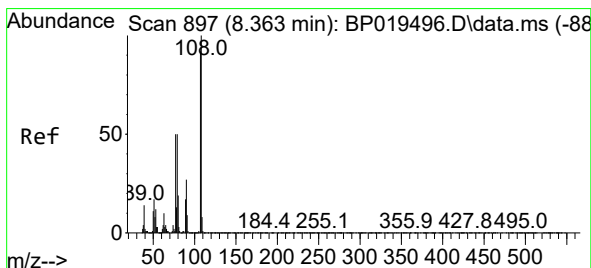
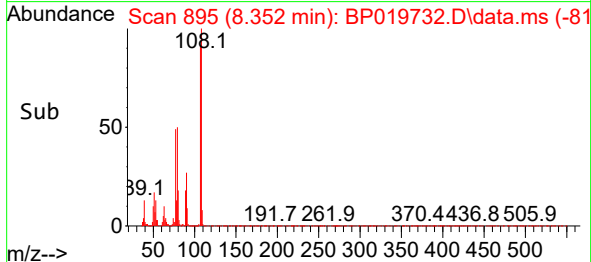
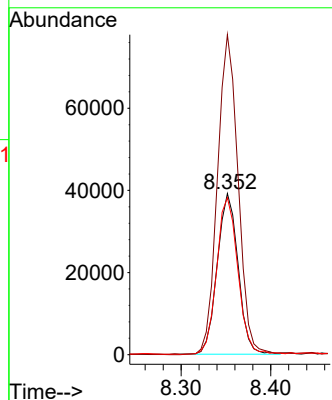
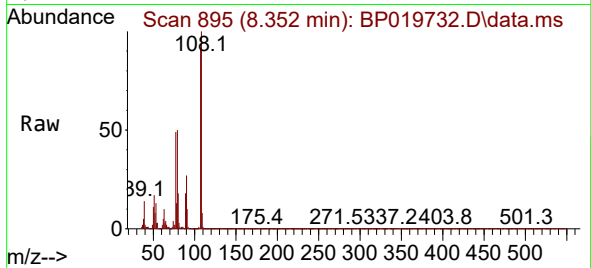




#15
Benzyl Alcohol
Concen: 12.507 ng
RT: 8.352 min Scan# 895
Delta R.T. 0.189 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

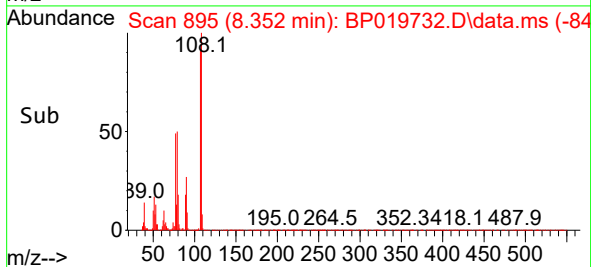
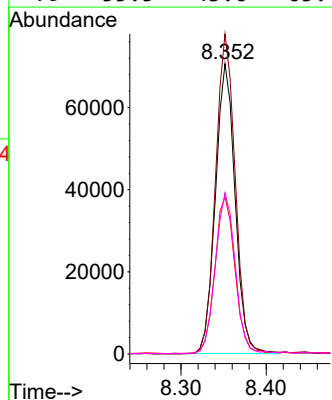
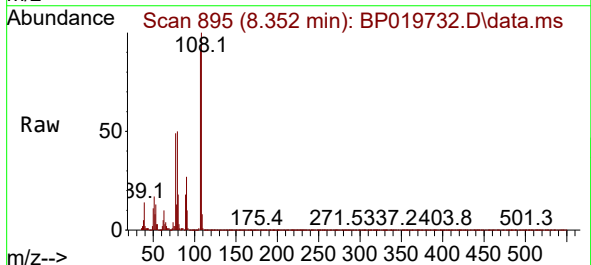
Instrument :
BNA_N
ClientSampleId :

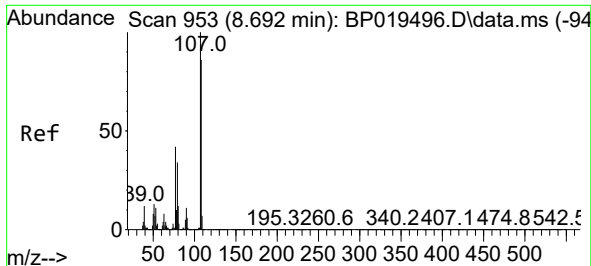
Tgt Ion: 79 Resp: 63273
Ion Ratio Lower Upper
79 100
108 198.6 53.8 80.6#
77 97.5 51.3 76.9#



#17
2-Methylphenol
Concen: 26.672 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

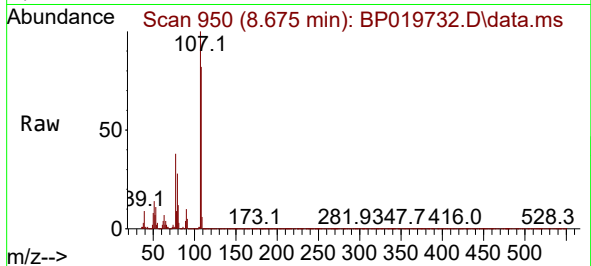
Tgt Ion: 107 Resp: 113320
Ion Ratio Lower Upper
107 100
108 110.2 87.0 130.6
77 54.1 43.5 65.3
79 55.5 43.6 65.4



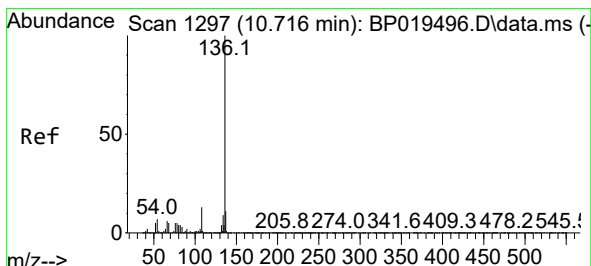
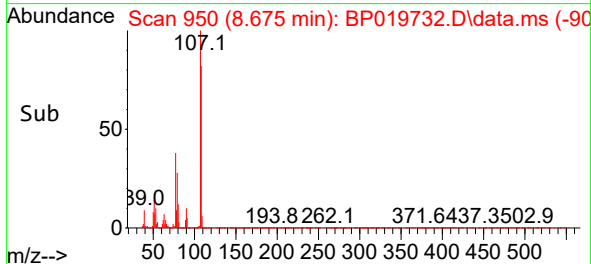
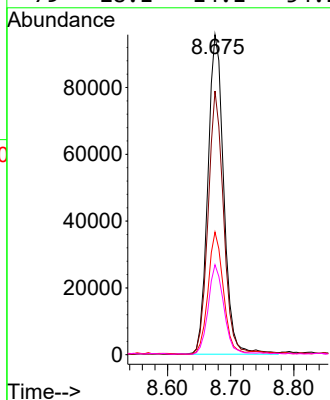


#20
3+4-Methylphenols
Concen: 28.874 ng
RT: 8.675 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Instrument :
BNA_N
ClientSampleId :

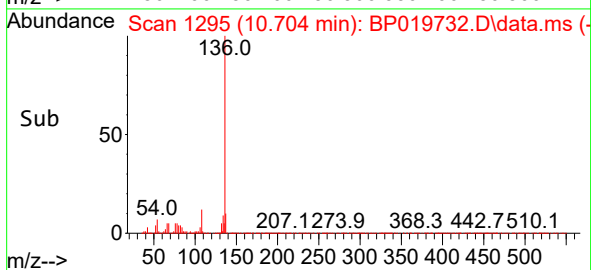
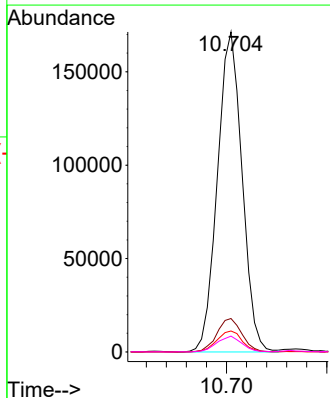
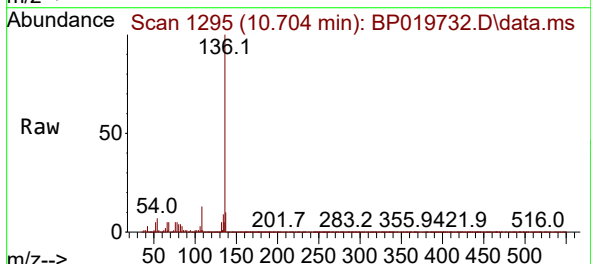


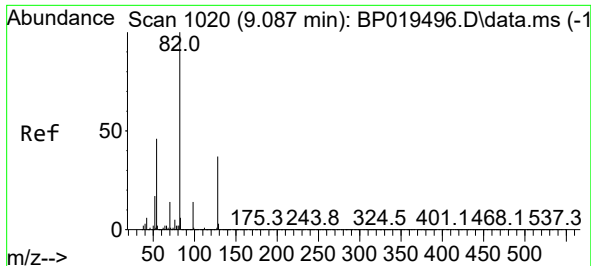
Tgt Ion:107 Resp: 167423
Ion Ratio Lower Upper
107 100
108 82.4 65.5 105.5
77 38.3 21.8 61.8
79 28.1 14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:136 Resp: 291828
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.6 5.3 7.9
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 3.246 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

Instrument :

BNA_N

ClientSampleId :

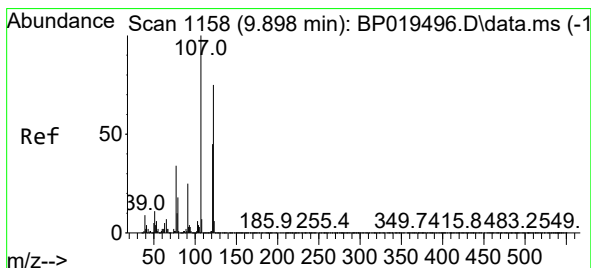
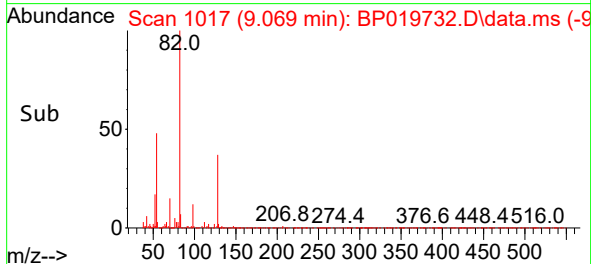
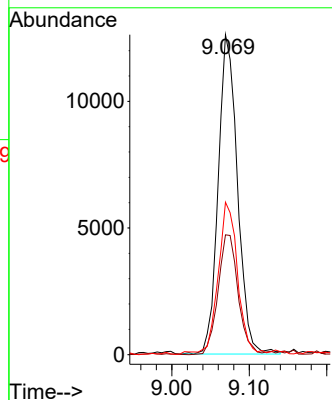
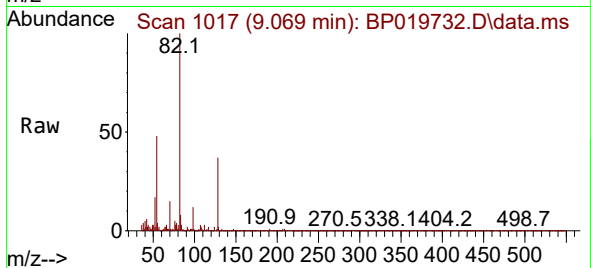
Tgt Ion: 82 Resp: 21861

Ion Ratio Lower Upper

82 100

128 37.5 29.7 44.5

54 47.7 36.8 55.2



#27

2,4-Dimethylphenol

Concen: 32.559 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.011 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

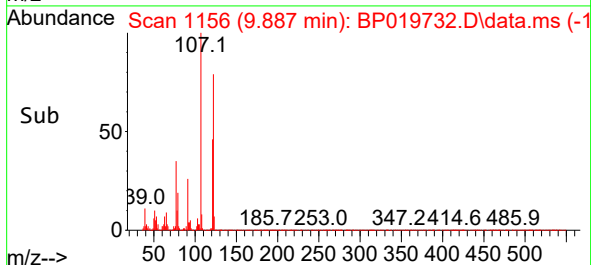
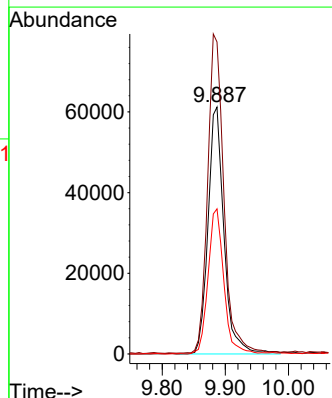
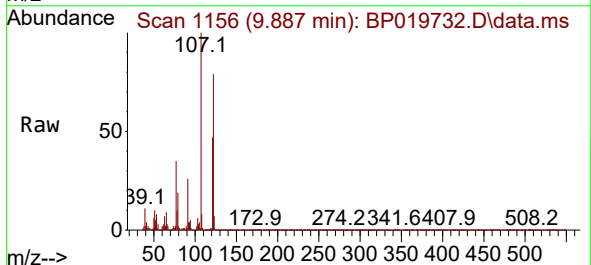
Tgt Ion:122 Resp: 107644

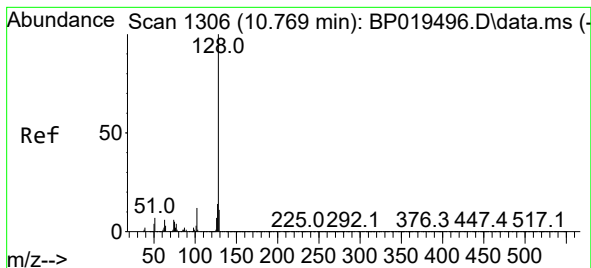
Ion Ratio Lower Upper

122 100

107 126.4 105.9 158.9

121 58.8 47.5 71.3





#31

Naphthalene

Concen: 2.226 ng

RT: 10.751 min Scan# 1199

Delta R.T. -0.017 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

Instrument :

BNA_N

ClientSampleId :

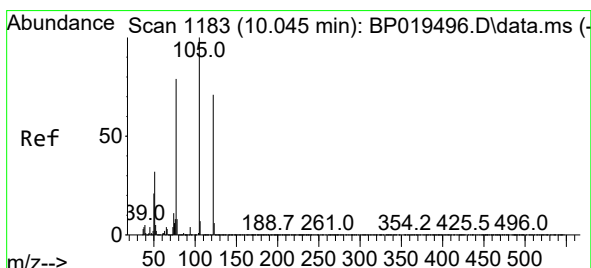
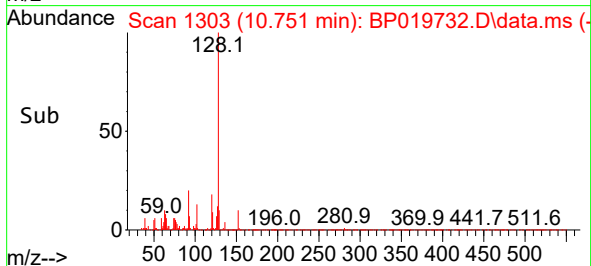
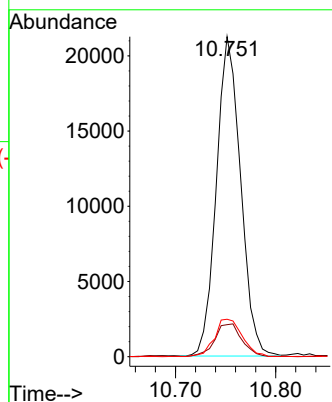
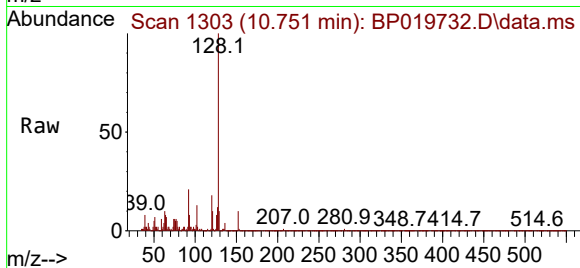
Tgt Ion:128 Resp: 35629

Ion Ratio Lower Upper

128 100

129 10.0 8.6 13.0

127 11.7 10.8 16.2



#32

Benzoic acid

Concen: 8.745 ng

RT: 10.140 min Scan# 1199

Delta R.T. 0.094 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

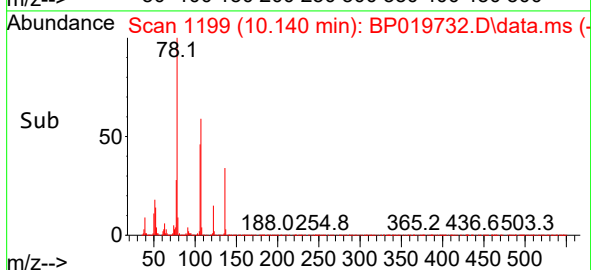
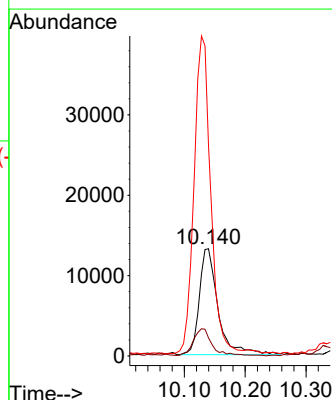
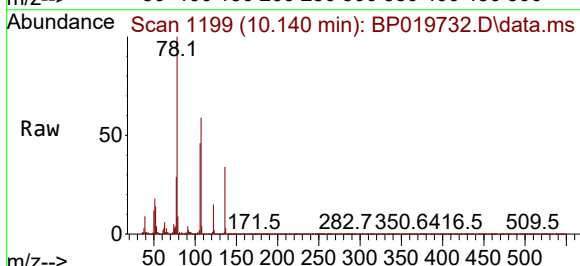
Tgt Ion:122 Resp: 28170

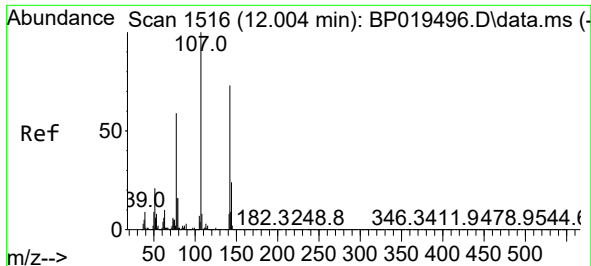
Ion Ratio Lower Upper

122 100

105 16.9 118.8 158.8#

77 196.2 91.7 131.7#

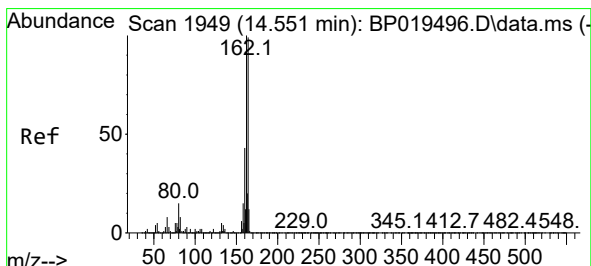
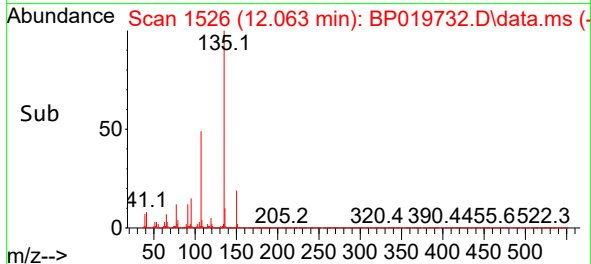
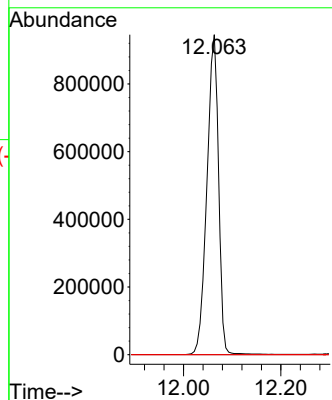
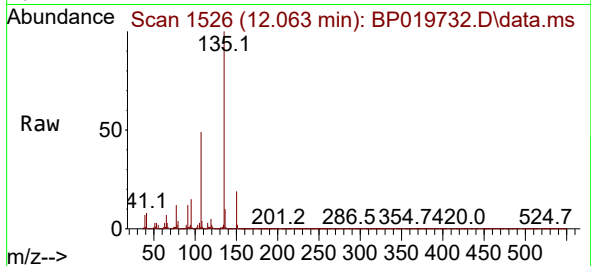




#36
4-Chloro-3-methylphenol
Concen: 286.618 ng
RT: 12.063 min Scan# 11
Delta R.T. 0.059 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

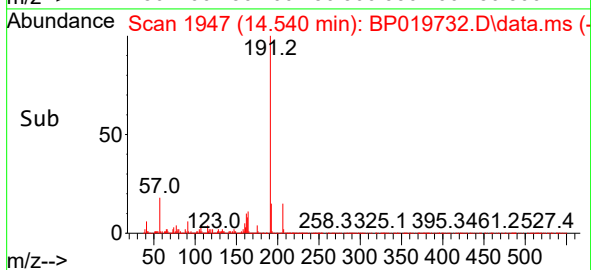
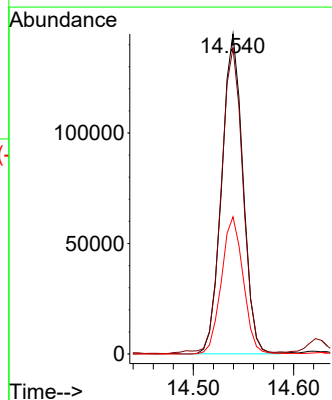
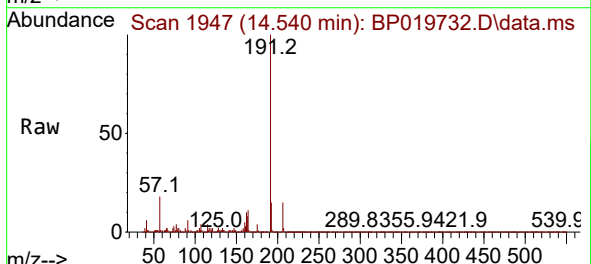
Instrument :
BNA_N
ClientSampleId :

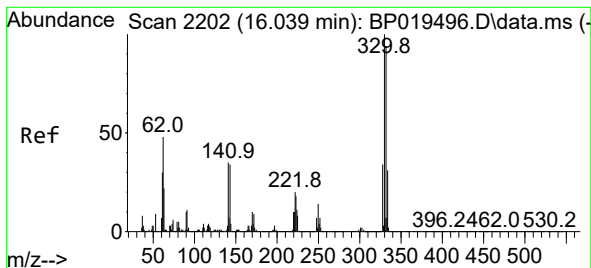
Tgt Ion:107 Resp: 1561884
Ion Ratio Lower Upper
107 100
144 0.0 19.0 28.4#
142 0.0 58.6 88.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:164 Resp: 212826
Ion Ratio Lower Upper
164 100
162 95.8 81.2 121.8
160 42.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 6.105 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

Instrument :

BNA_N

ClientSampleId :

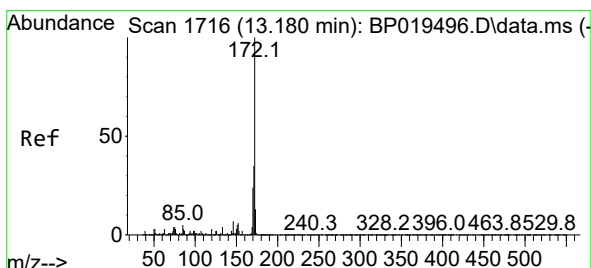
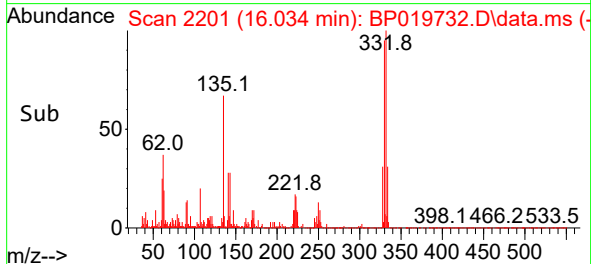
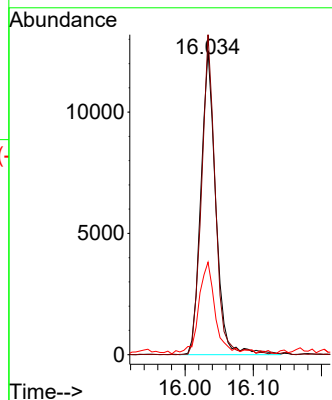
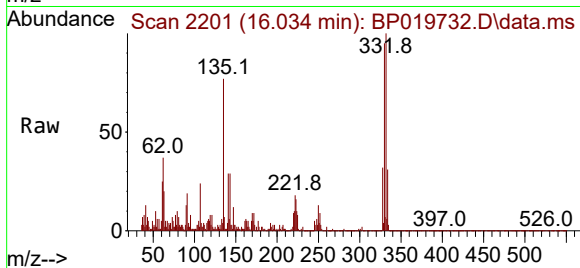
Tgt Ion:330 Resp: 18971

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 32.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 3.114 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

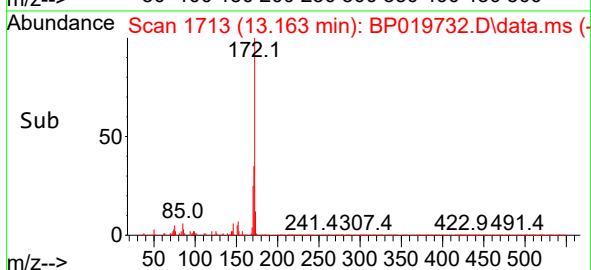
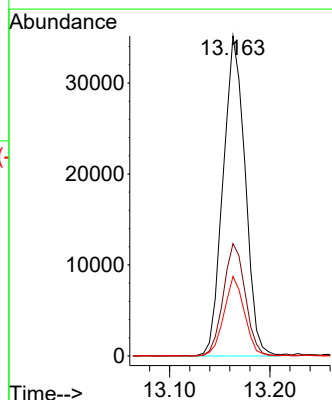
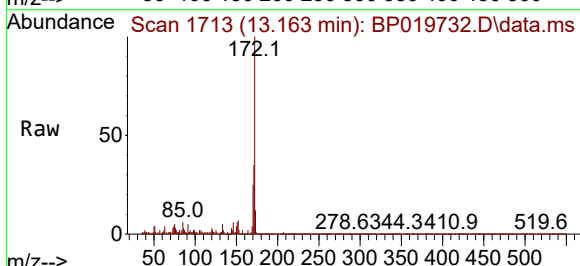
Tgt Ion:172 Resp: 53610

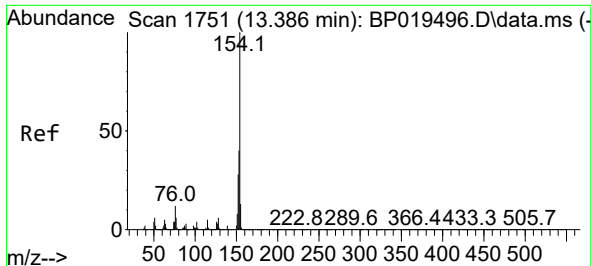
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 24.8 18.9 28.3

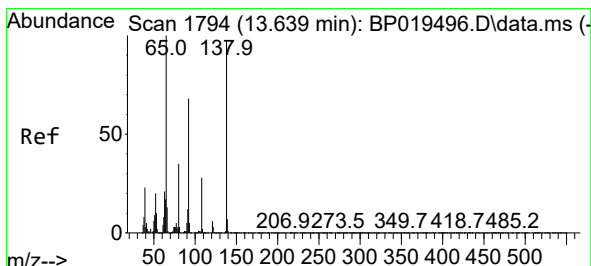
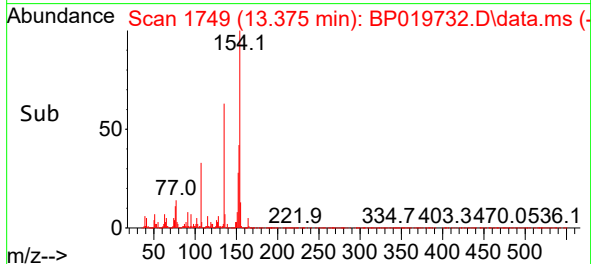
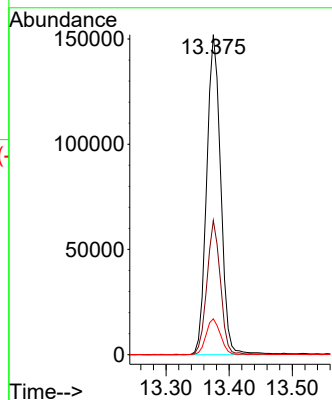
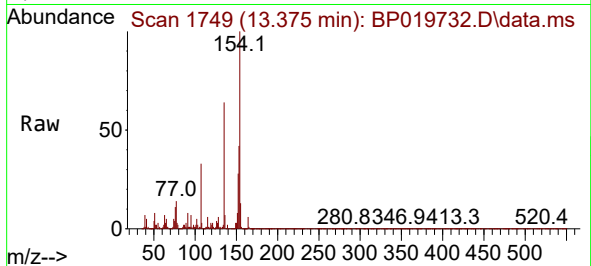




#46
1,1'-Biphenyl
Concen: 13.809 ng
RT: 13.375 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

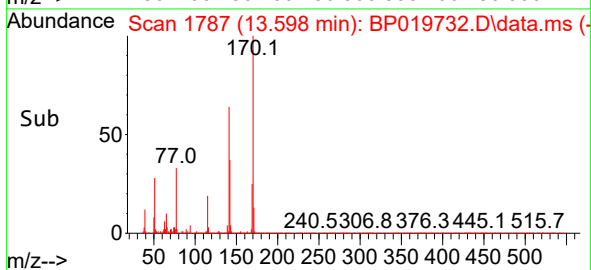
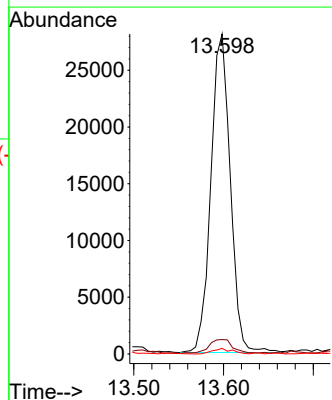
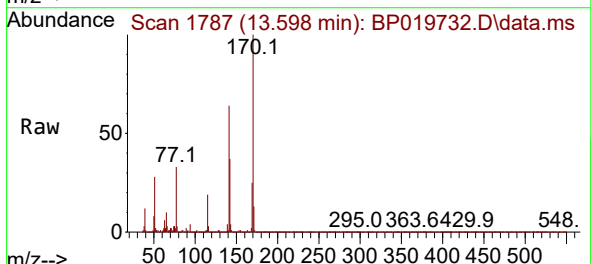
Instrument :
BNA_N
ClientSampleId :

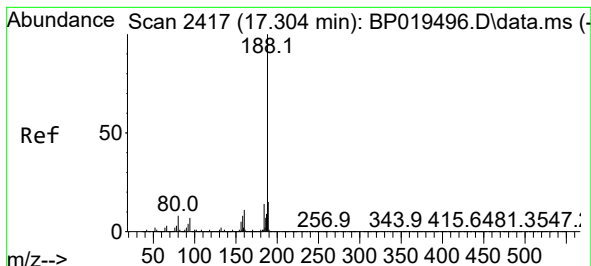
Tgt Ion:154 Resp: 234570
Ion Ratio Lower Upper
154 100
153 42.0 20.2 60.2
76 11.2 0.0 31.6



#48
2-Nitroaniline
Concen: 10.830 ng
RT: 13.598 min Scan# 1787
Delta R.T. -0.041 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion: 65 Resp: 42225
Ion Ratio Lower Upper
65 100
92 4.5 54.7 82.1#
138 1.8 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: BP019732.D

Acq: 15 Feb 2024 20:18

Instrument :

BNA_N

ClientSampleId :

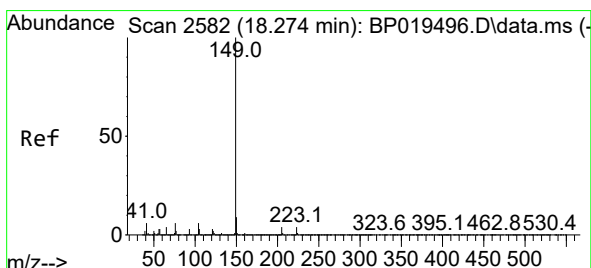
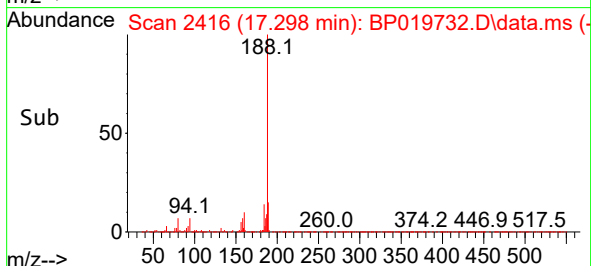
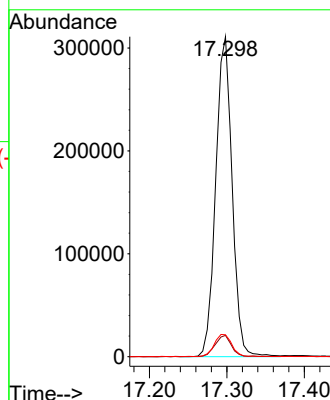
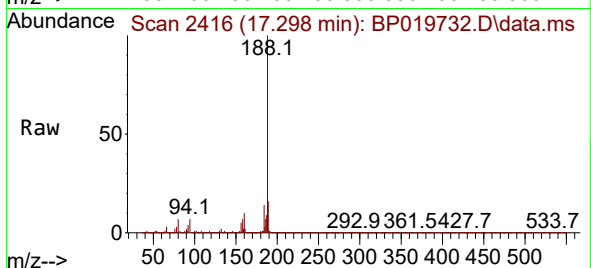
Tgt Ion:188 Resp: 456363

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 6.9 6.3 9.5



#74

Di-n-butylphthalate

Concen: 16.835 ng

RT: 18.263 min Scan# 2580

Delta R.T. -0.011 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

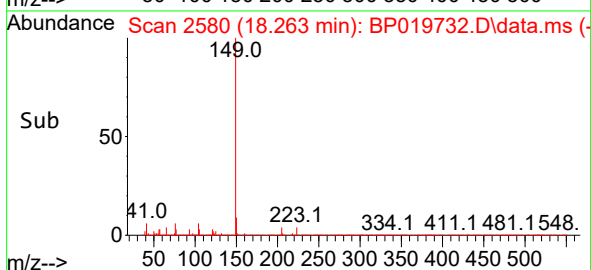
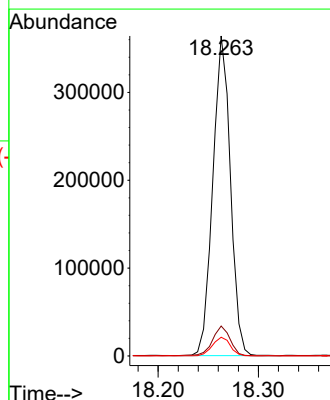
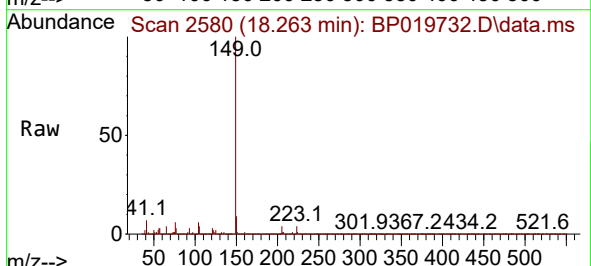
Tgt Ion:149 Resp: 443046

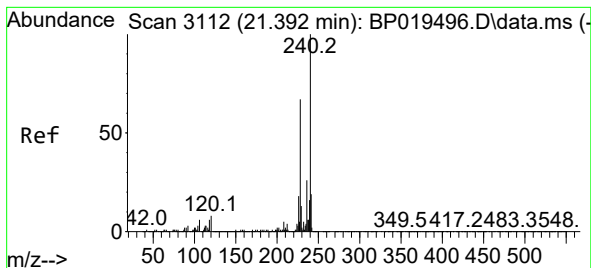
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.9 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: BP019732.D

Acq: 15 Feb 2024 20:18

Instrument :

BNA_N

ClientSampleId :

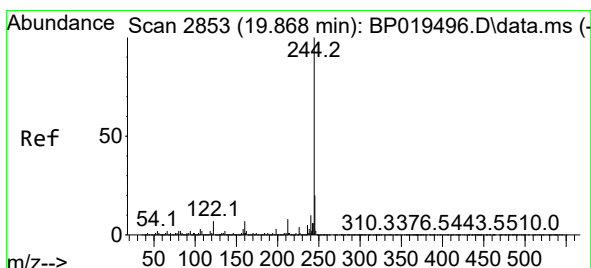
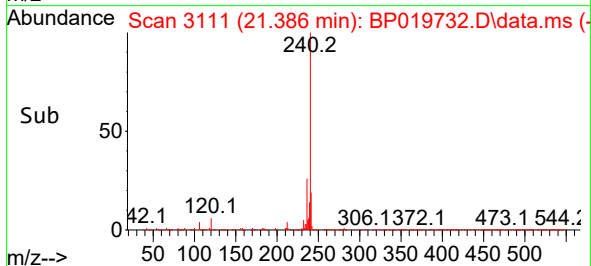
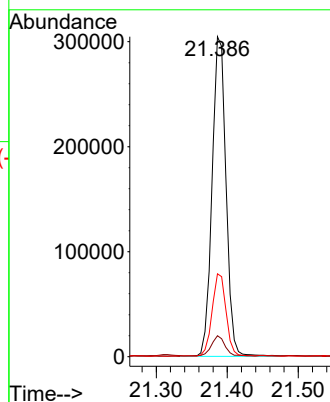
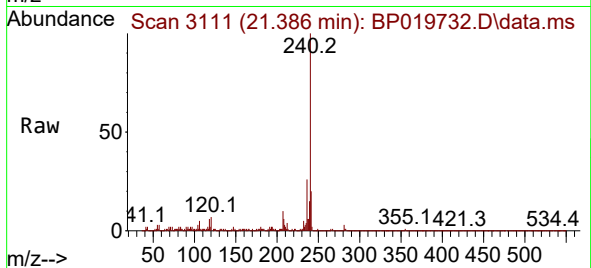
Tgt Ion:240 Resp: 414544

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 25.9 20.7 31.1



#79

Terphenyl-d14

Concen: 3.824 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.011 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

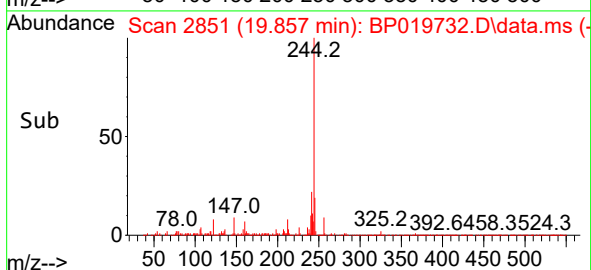
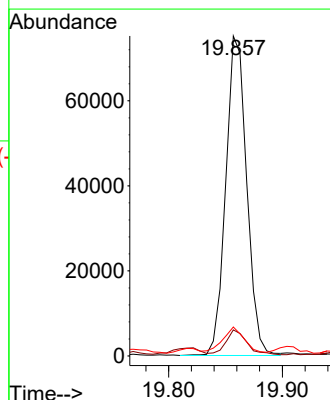
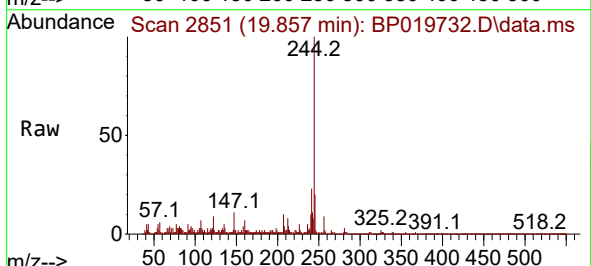
Tgt Ion:244 Resp: 96386

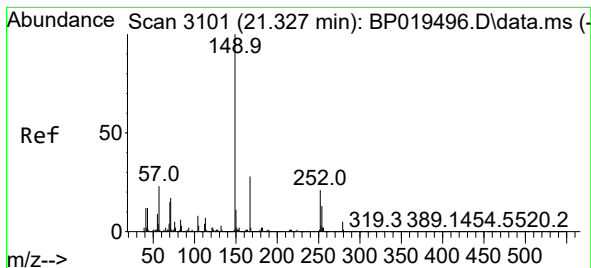
Ion Ratio Lower Upper

244 100

212 8.2 6.1 9.1

122 9.0 5.9 8.9#

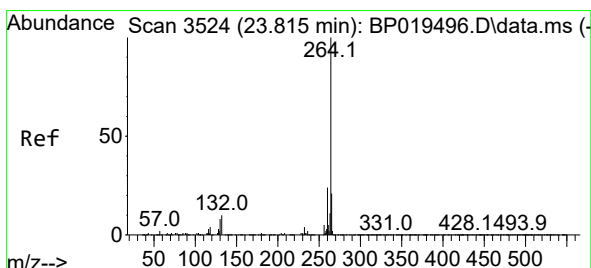
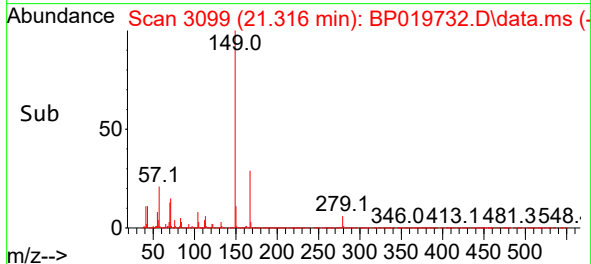
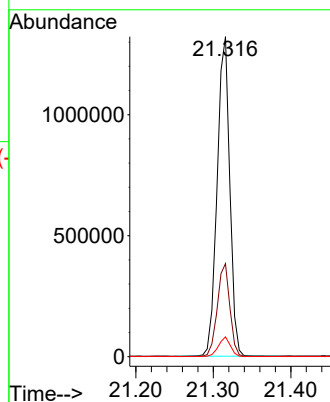
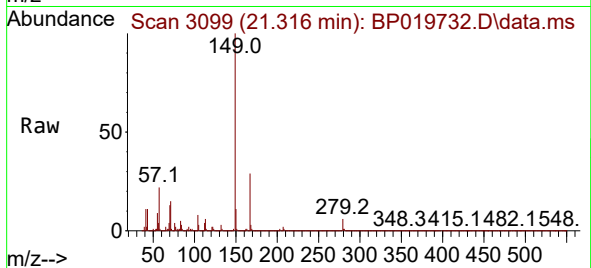




#84
Bis(2-ethylhexyl)phthalate
Concen: 89.595 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1490619
Ion Ratio Lower Upper
149 100
167 29.1 22.7 34.1
279 6.2 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: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:264 Resp: 479144
Ion Ratio Lower Upper
264 100
260 22.4 19.2 28.8
265 21.2 17.0 25.4

