

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019753.D
 Acq On : 16 Feb 2024 19:48
 Operator : MA/JU
 Sample : P1395-04DL2 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2(6-8)DL2

Quant Time: Feb 19 00:28:12 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)

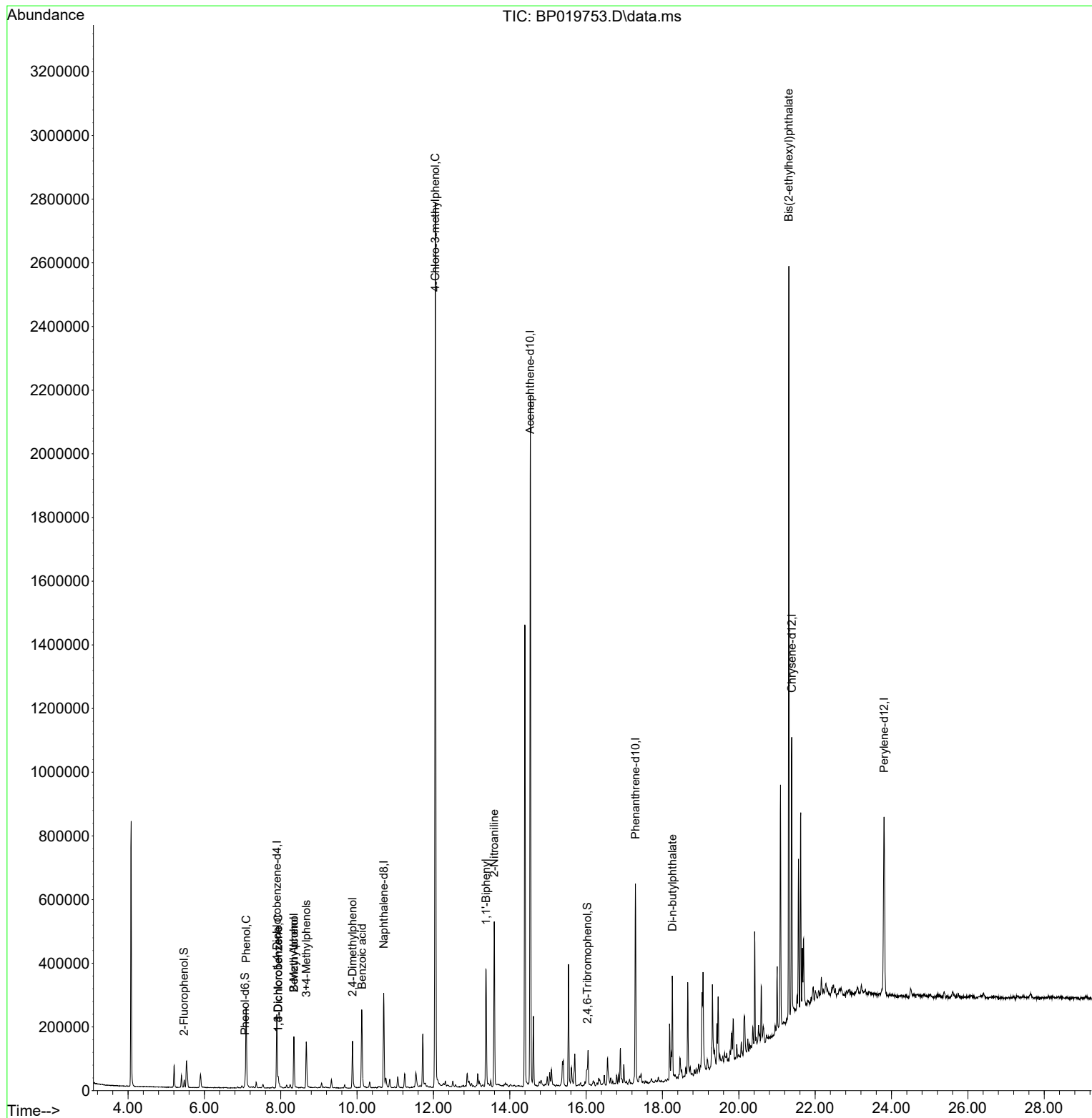
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	61306	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	236905	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	170984	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	413138	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	458261	20.000	ng	0.00
86) Perylene-d12	23.804	264	524340	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	9561	2.514	ng	-0.02
7) Phenol-d6	7.064	99	13080	2.551	ng	-0.02
23) Nitrobenzene-d5	9.069	82	9111	1.666	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	8230	3.297	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	22328	1.614	ng	-0.02
79) Terphenyl-d14	19.857	244	52292	1.877	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	7.093	94	145467	28.461	ng	96
12) 1,3-Dichlorobenzene	7.934	146	13615	2.850	ng	96
13) 1,4-Dichlorobenzene	7.934	146	13615	2.813	ng	97
15) Benzyl Alcohol	8.346	79	25642	6.258	ng	# 1
17) 2-Methylphenol	8.346	107	47560	13.821	ng	96
20) 3+4-Methylphenols	8.669	107	68754	14.640	ng	91
27) 2,4-Dimethylphenol	9.881	122	44932	16.742	ng	98
32) Benzoic acid	10.134	122	10022	3.833	ng	# 5
36) 4-Chloro-3-methylphenol	12.052	107	706886	159.793	ng	# 22
46) 1,1'-Biphenyl	13.375	154	97074	7.113	ng	99
48) 2-Nitroaniline	13.593	65	17864	5.703	ng	# 11
74) Di-n-butylphthalate	18.257	149	210289	8.827	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	812641	44.185	ng	99

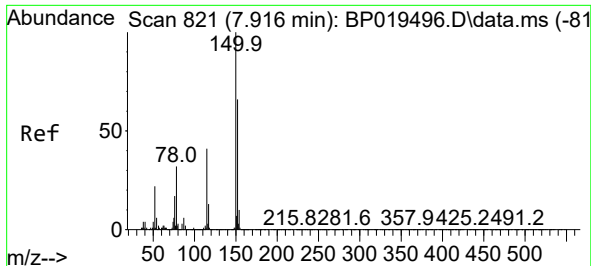
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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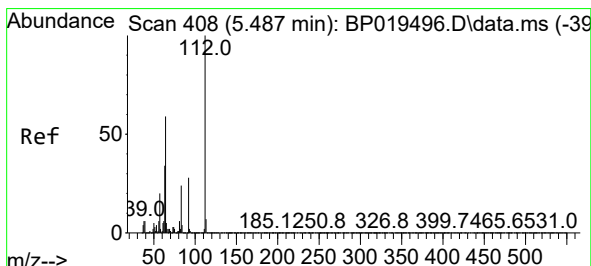
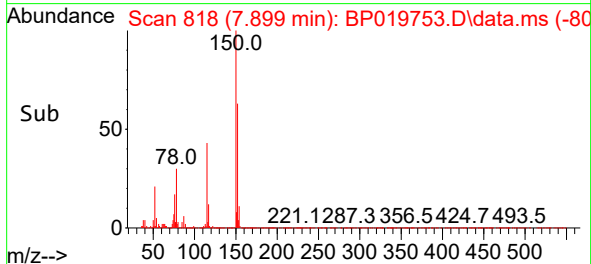
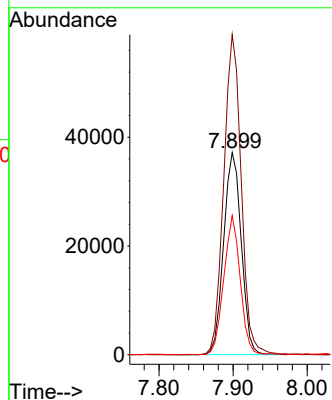
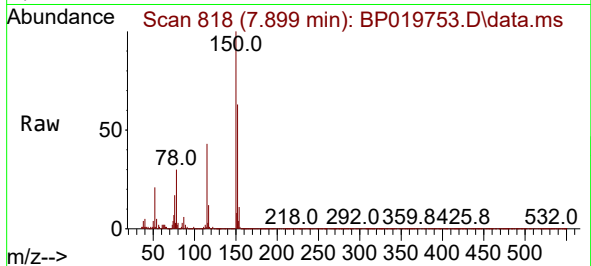




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

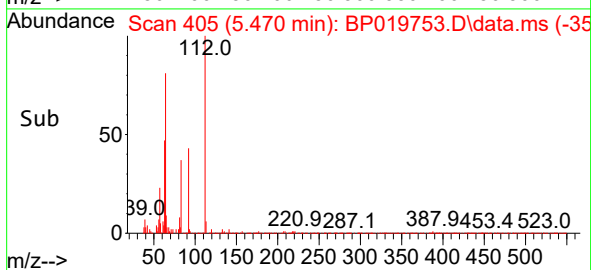
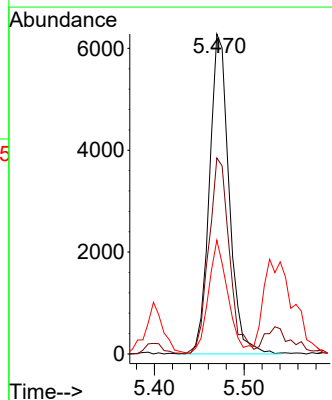
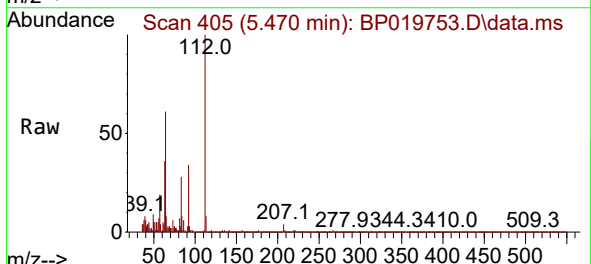
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL2

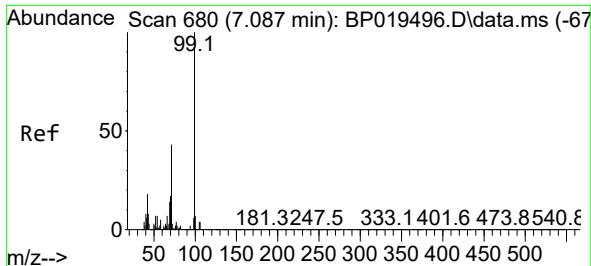
Tgt Ion:152 Resp: 61306
Ion Ratio Lower Upper
152 100
150 158.3 121.8 182.8
115 68.8 49.9 74.9



#5
2-Fluorophenol
Concen: 2.514 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.017 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

Tgt Ion:112 Resp: 9561
Ion Ratio Lower Upper
112 100
64 61.3 47.4 71.0
63 35.5 27.0 40.6

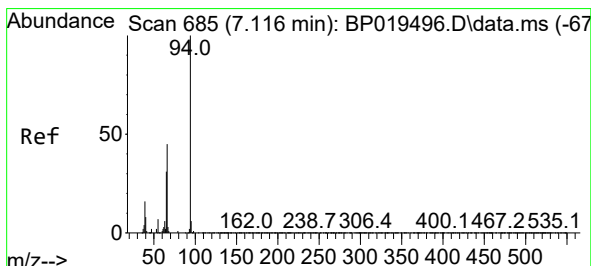
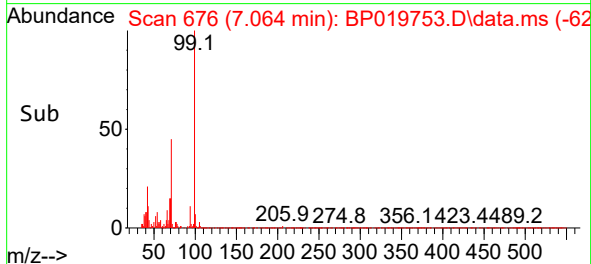
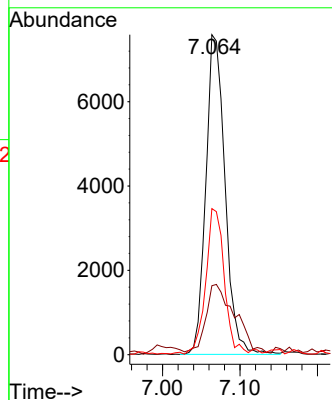
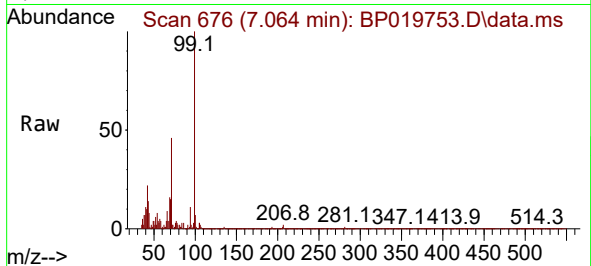




#7
Phenol-d6
Concen: 2.551 ng
RT: 7.064 min Scan# 61
Delta R.T. -0.023 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

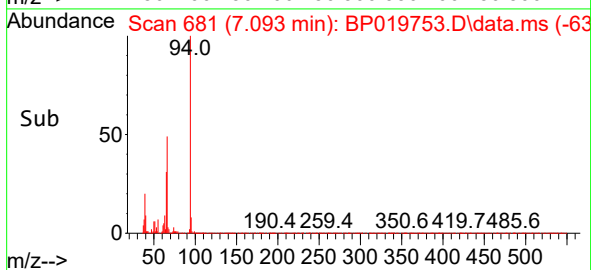
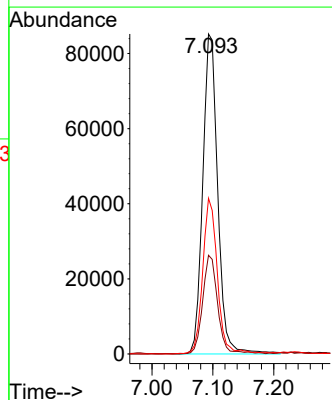
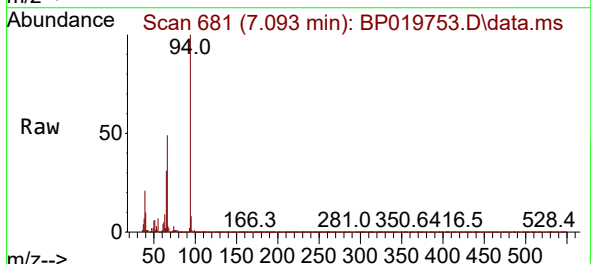
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL2

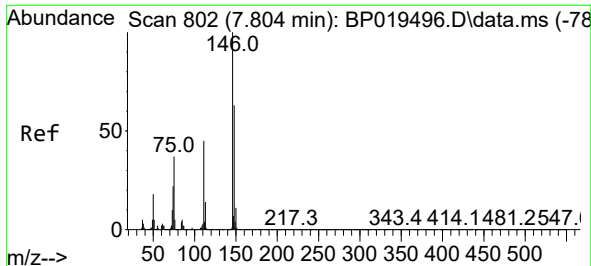
Tgt Ion: 99 Resp: 13080
Ion Ratio Lower Upper
99 100
42 21.5 14.7 22.1
71 45.6 34.8 52.2



#10
Phenol
Concen: 28.461 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.023 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

Tgt Ion: 94 Resp: 145467
Ion Ratio Lower Upper
94 100
65 30.9 11.3 51.3
66 48.6 25.1 65.1





#12

1,3-Dichlorobenzene

Concen: 2.850 ng

RT: 7.934 min Scan# 81

Delta R.T. 0.130 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)DL2

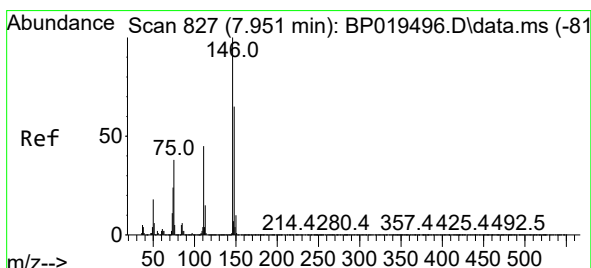
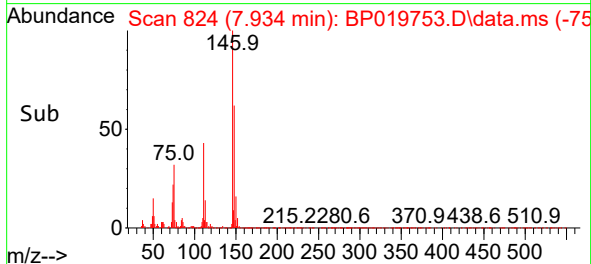
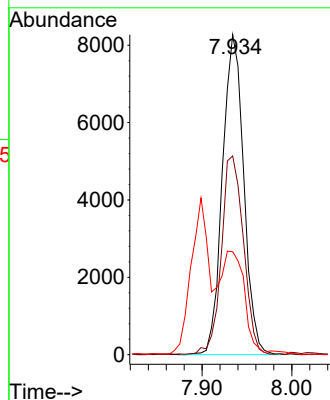
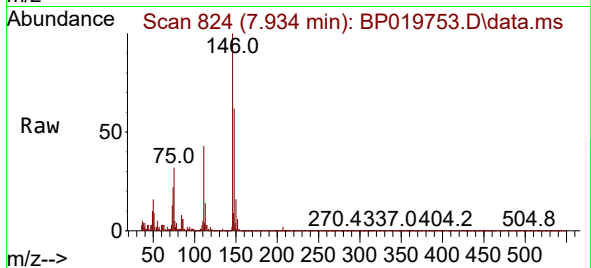
Tgt Ion:146 Resp: 13615

Ion Ratio Lower Upper

146 100

148 62.1 50.4 75.6

75 32.2 29.9 44.9



#13

1,4-Dichlorobenzene

Concen: 2.813 ng

RT: 7.934 min Scan# 824

Delta R.T. -0.017 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

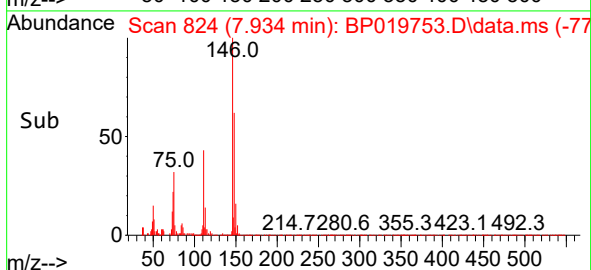
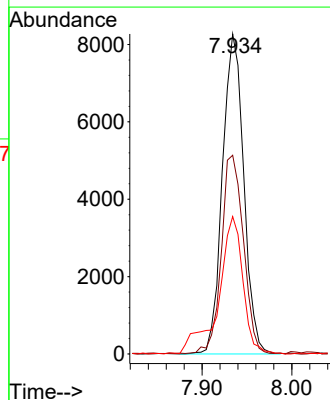
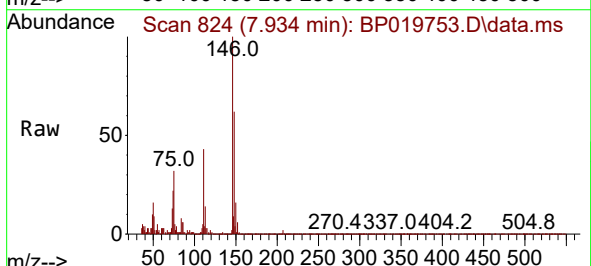
Tgt Ion:146 Resp: 13615

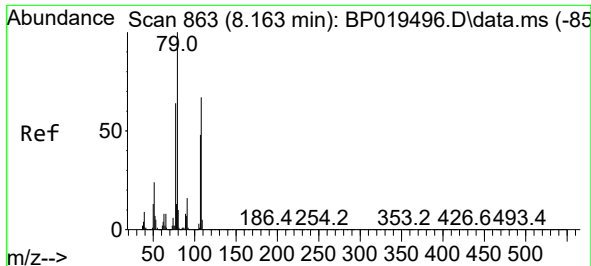
Ion Ratio Lower Upper

146 100

148 62.1 51.9 77.9

111 42.9 35.8 53.6

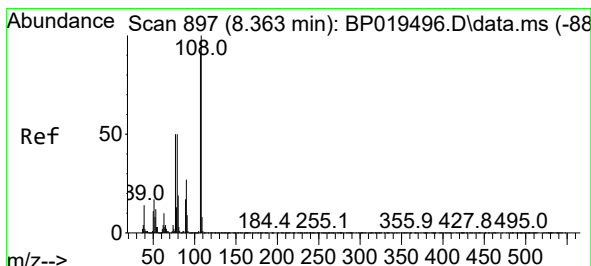
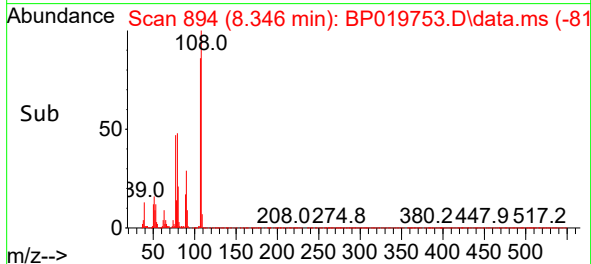
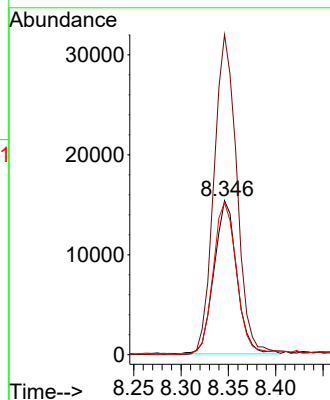
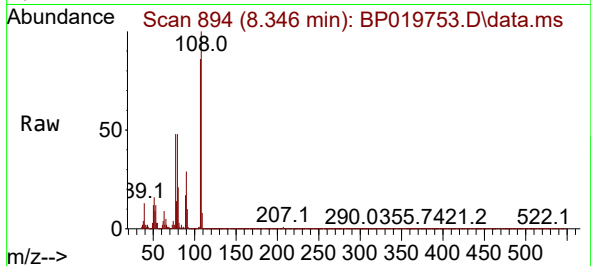




#15
Benzyl Alcohol
Concen: 6.258 ng
RT: 8.346 min Scan# 894
Delta R.T. 0.183 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

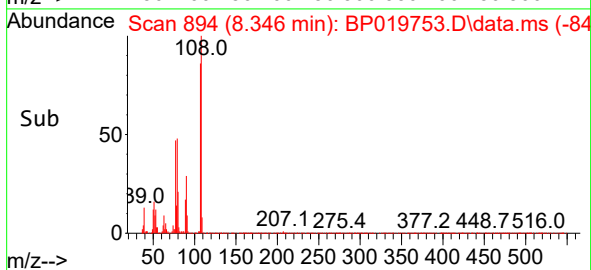
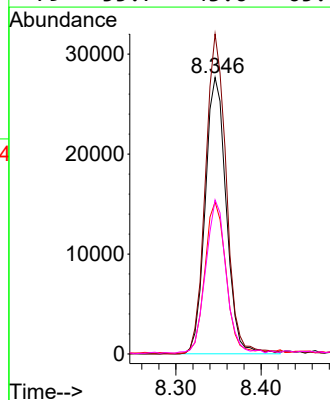
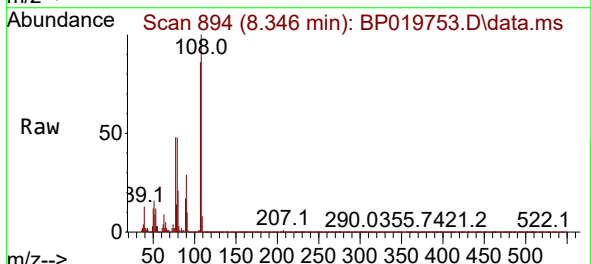
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL2

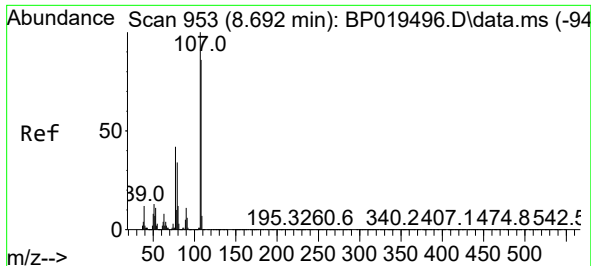
Tgt Ion: 79 Resp: 25642
Ion Ratio Lower Upper
79 100
108 207.7 53.8 80.6#
77 98.7 51.3 76.9#



#17
2-Methylphenol
Concen: 13.821 ng
RT: 8.346 min Scan# 894
Delta R.T. -0.017 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

Tgt Ion: 107 Resp: 47560
Ion Ratio Lower Upper
107 100
108 115.7 87.0 130.6
77 55.0 43.5 65.3
79 55.7 43.6 65.4

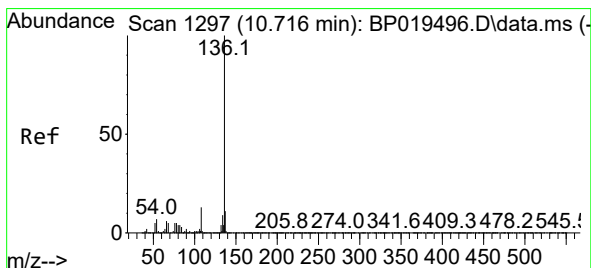
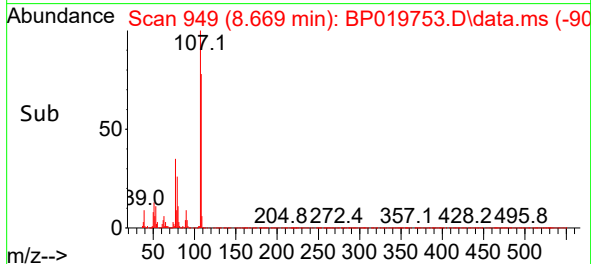
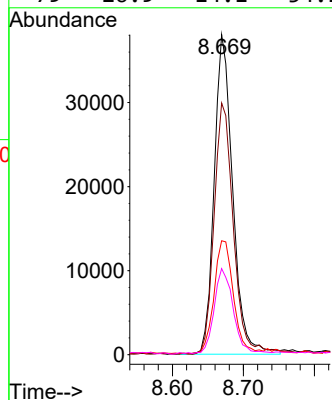
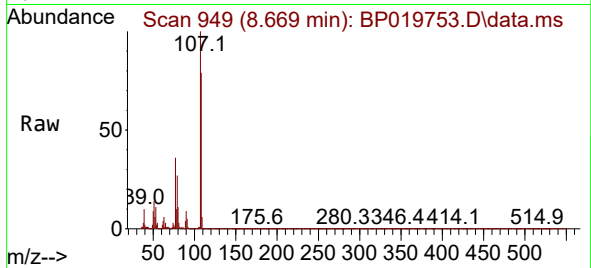




#20
3+4-Methylphenols
Concen: 14.640 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.023 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

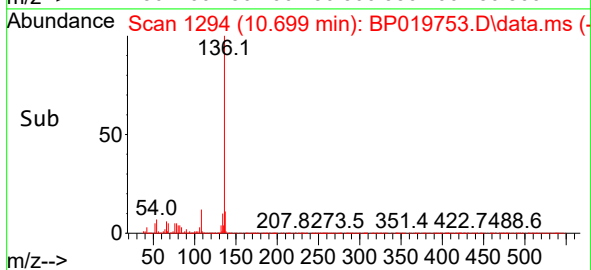
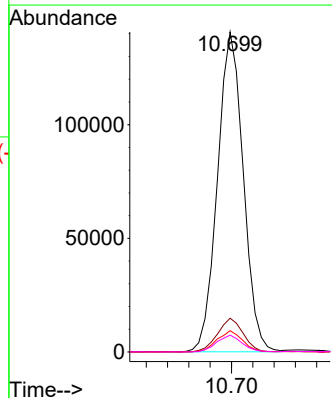
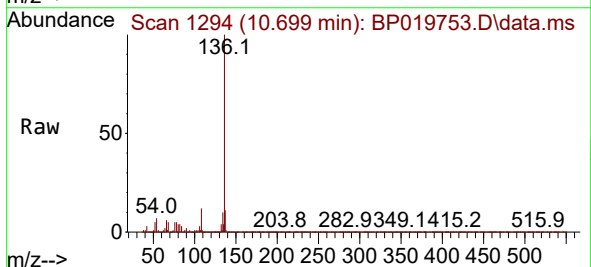
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL2

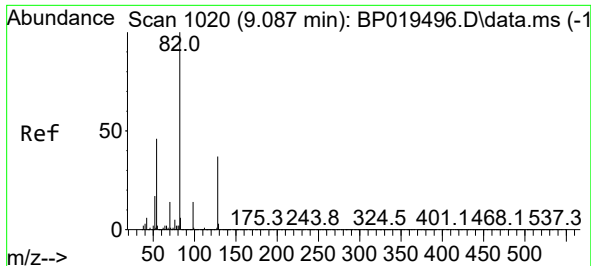
Tgt Ion:	107	Resp:	68754
Ion	Ratio	Lower	Upper
107	100		
108	78.7	65.5	105.5
77	35.6	21.8	61.8
79	26.9	14.1	54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

Tgt Ion:	136	Resp:	236905
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.6	5.3	7.9
68	5.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 1.666 ng

RT: 9.069 min Scan# 1020

Delta R.T. -0.017 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)DL2

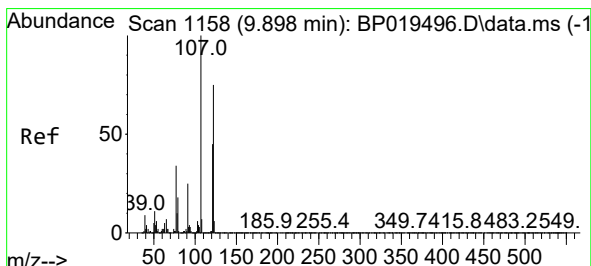
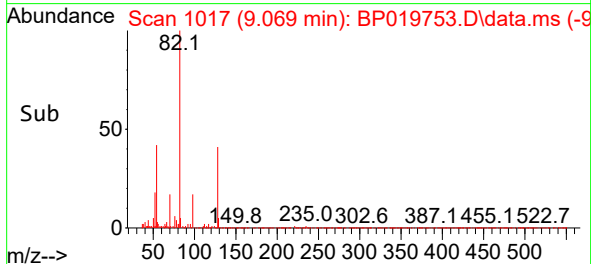
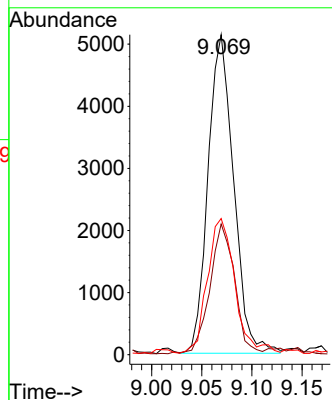
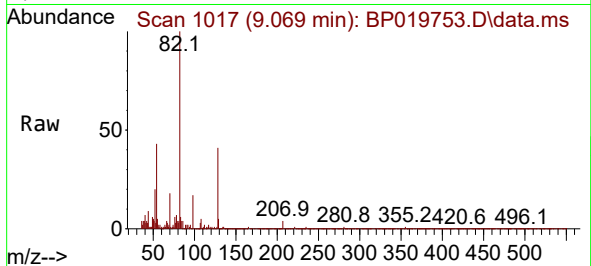
Tgt Ion: 82 Resp: 9111

Ion Ratio Lower Upper

82 100

128 40.8 29.7 44.5

54 42.6 36.8 55.2



#27

2,4-Dimethylphenol

Concen: 16.742 ng

RT: 9.881 min Scan# 1155

Delta R.T. -0.017 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

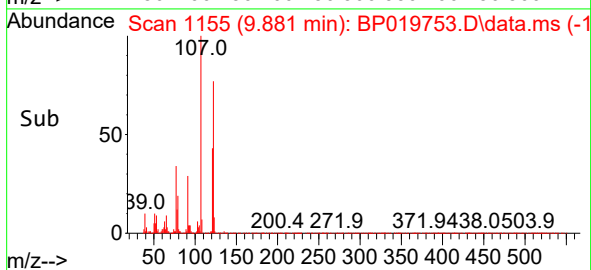
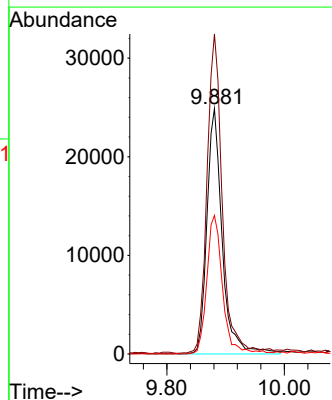
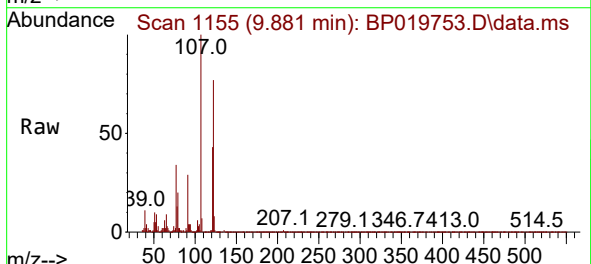
Tgt Ion: 122 Resp: 44932

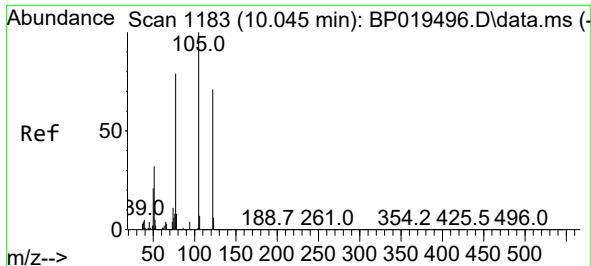
Ion Ratio Lower Upper

122 100

107 130.4 105.9 158.9

121 56.4 47.5 71.3

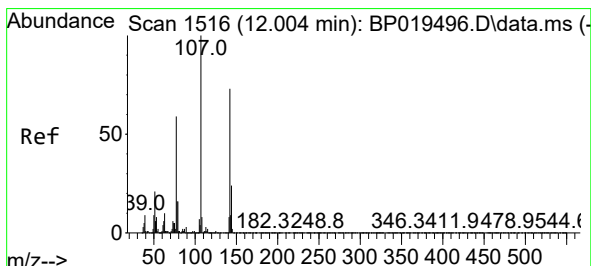
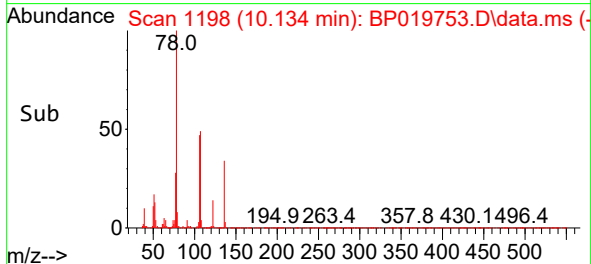
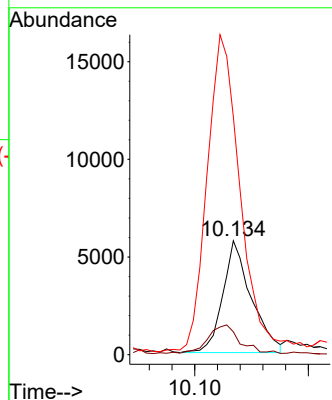
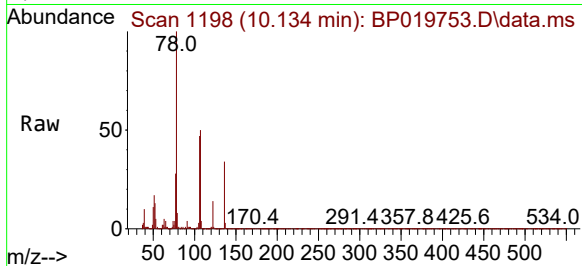




#32
Benzoic acid
Concen: 3.833 ng
RT: 10.134 min Scan# 1183
Delta R.T. 0.089 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

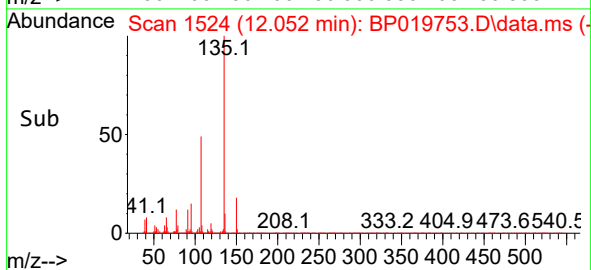
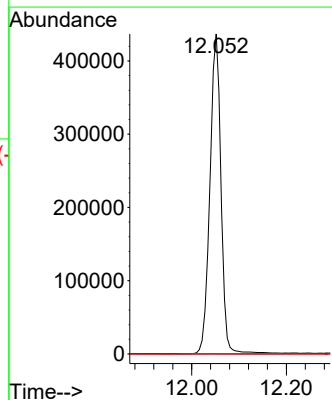
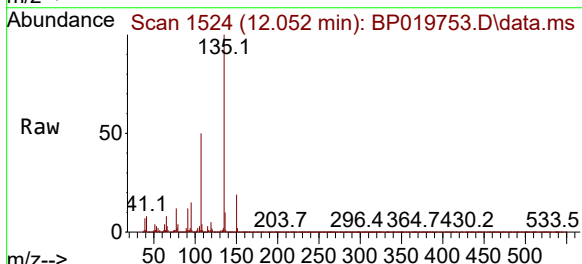
Instrument :
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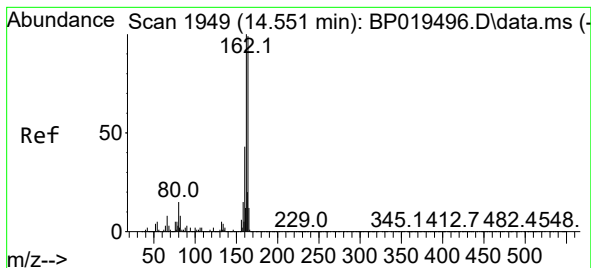
Tgt Ion:122 Resp: 10022
Ion Ratio Lower Upper
122 100
105 20.1 118.8 158.8#
77 209.3 91.7 131.7#



#36
4-Chloro-3-methylphenol
Concen: 159.793 ng
RT: 12.052 min Scan# 1524
Delta R.T. 0.047 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

Tgt Ion:107 Resp: 706886
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: 14.534 min Scan# 1946

Delta R.T. -0.017 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)DL2

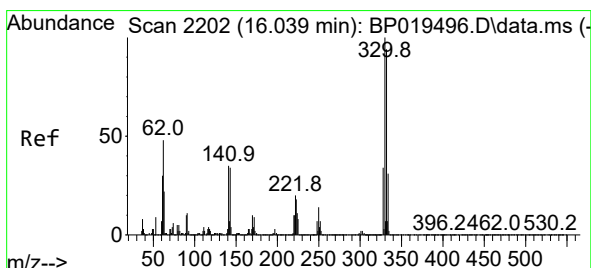
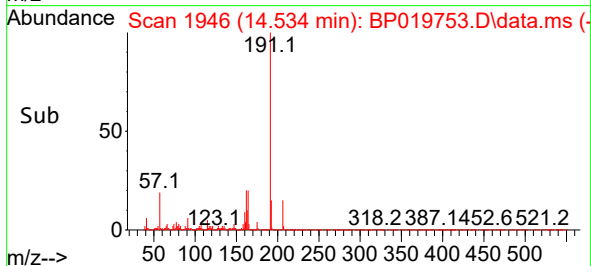
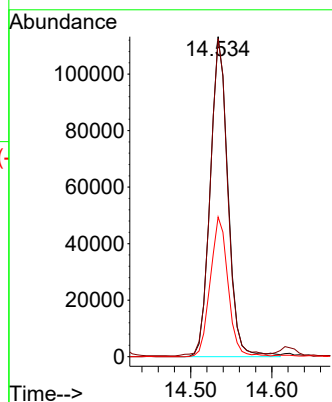
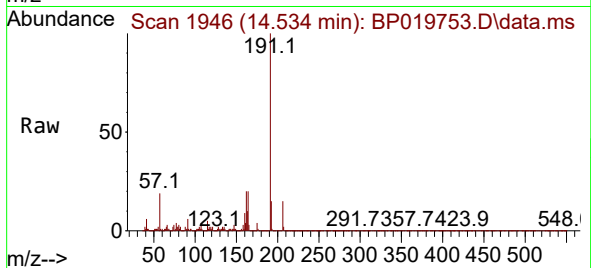
Tgt Ion:164 Resp: 170984

Ion Ratio Lower Upper

164 100

162 99.4 81.2 121.8

160 43.6 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 3.297 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.005 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

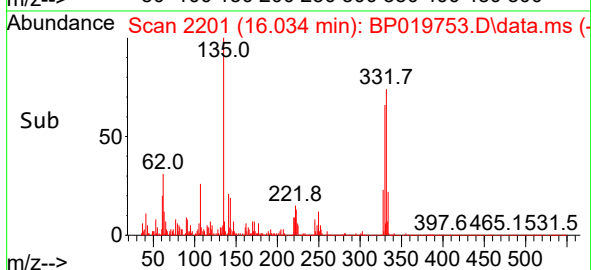
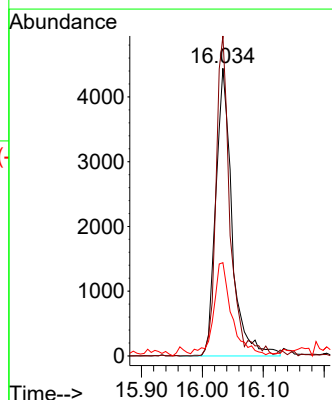
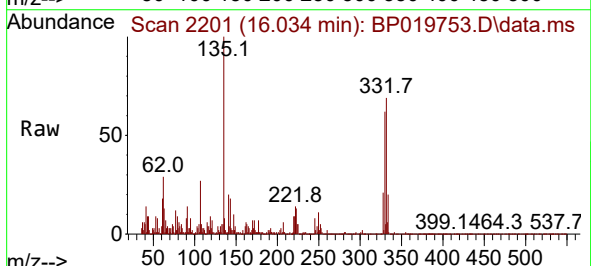
Tgt Ion:330 Resp: 8230

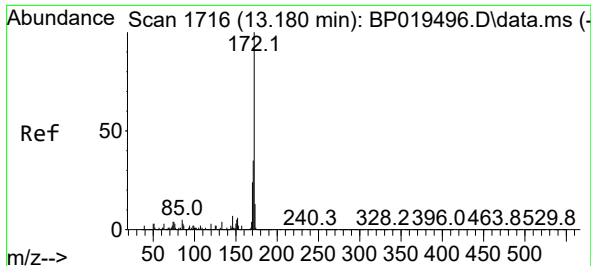
Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 34.9 27.0 40.4

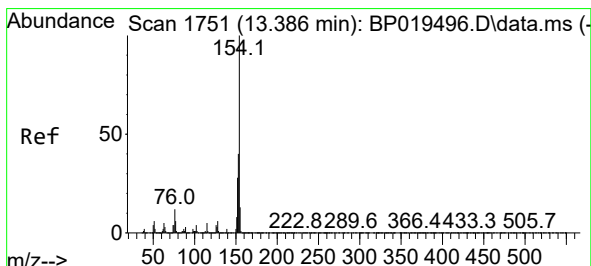
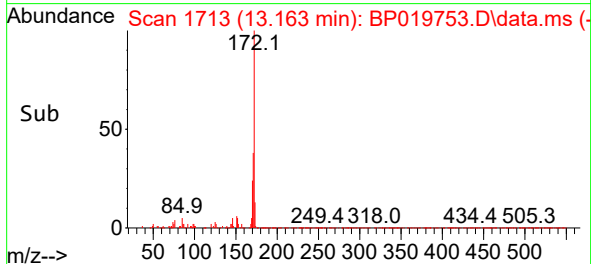
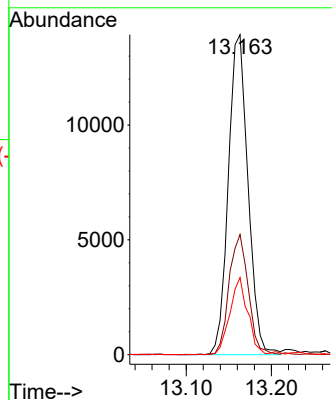
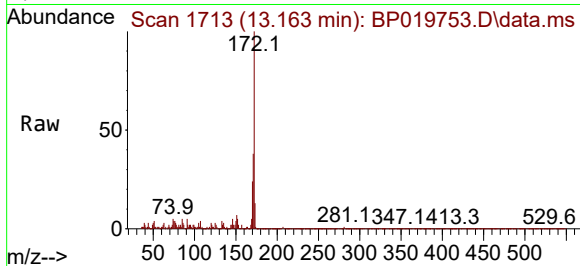




#45
2-Fluorobiphenyl
Concen: 1.614 ng
RT: 13.163 min Scan# 1716
Delta R.T. -0.017 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

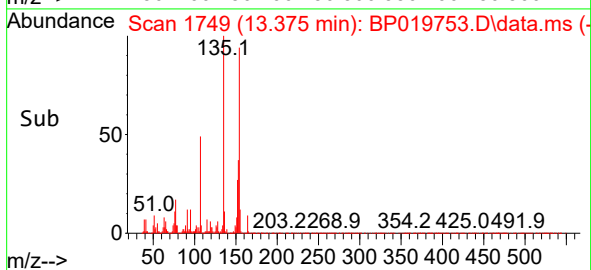
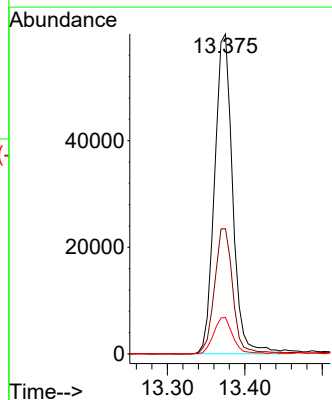
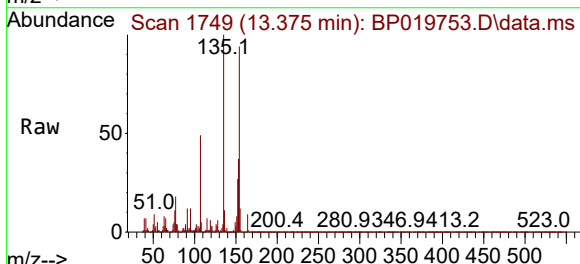
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL2

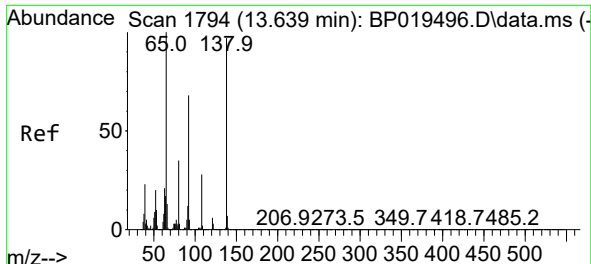
Tgt Ion:	172	Resp:	22328
Ion Ratio	Lower	Upper	
172	100		
171	37.6	28.2	42.4
170	24.1	18.9	28.3



#46
1,1'-Biphenyl
Concen: 7.113 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.011 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

Tgt Ion:	154	Resp:	97074
Ion Ratio	Lower	Upper	
154	100		
153	39.2	20.2	60.2
76	11.4	0.0	31.6

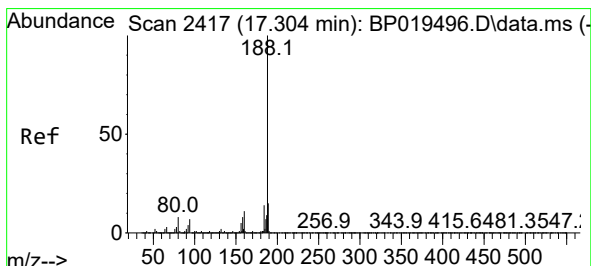
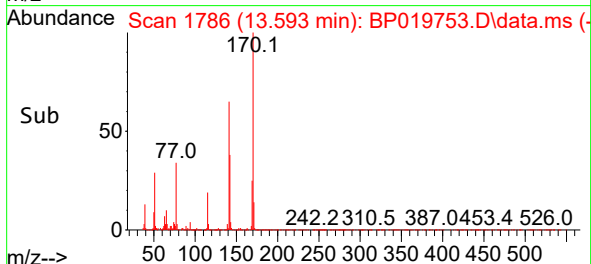
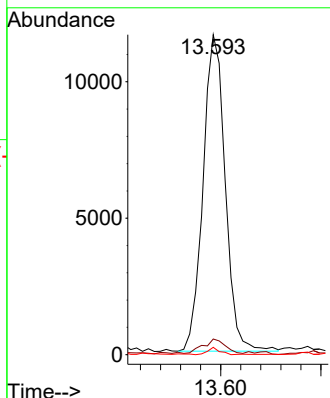
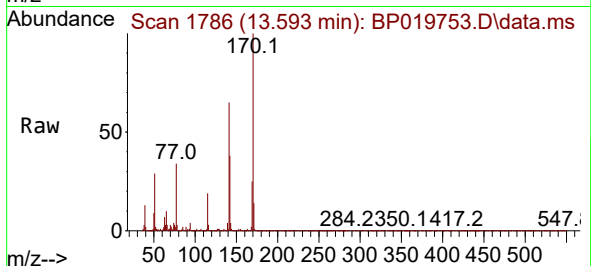




#48
2-Nitroaniline
Concen: 5.703 ng
RT: 13.593 min Scan# 11
Delta R.T. -0.047 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

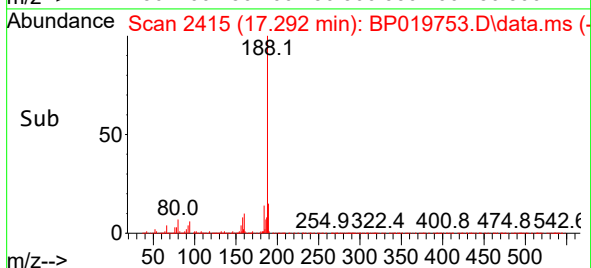
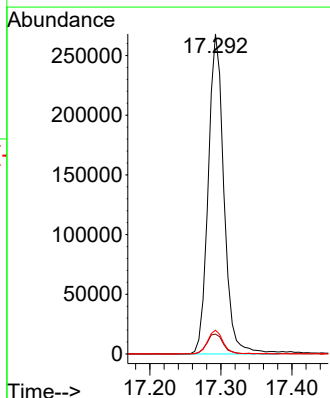
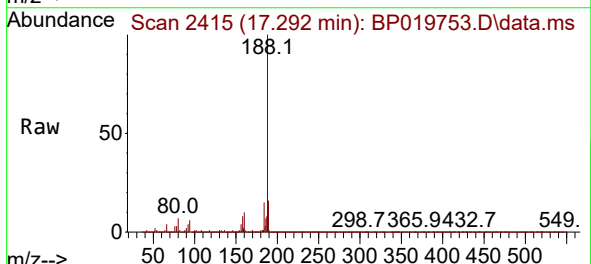
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL2

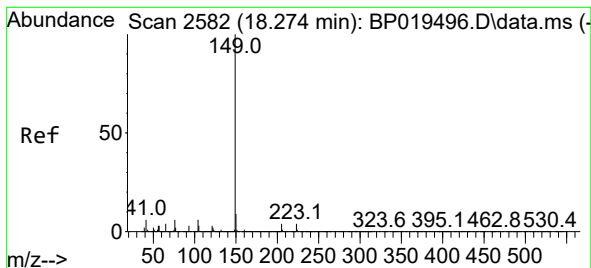
Tgt Ion: 65 Resp: 17864
Ion Ratio Lower Upper
65 100
92 4.9 54.7 82.1#
138 2.3 77.8 116.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019753.D
Acq: 16 Feb 2024 19:48

Tgt Ion: 188 Resp: 413138
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.2
80 7.4 6.3 9.5





#74

Di-n-butylphthalate

Concen: 8.827 ng

RT: 18.257 min Scan# 210289

Delta R.T. -0.017 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)DL2

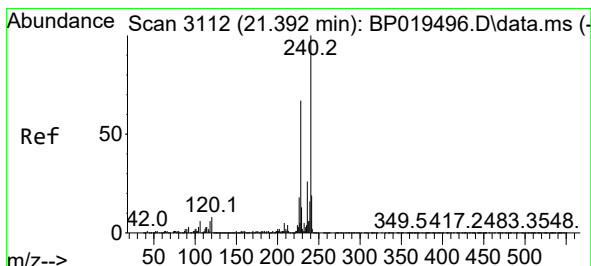
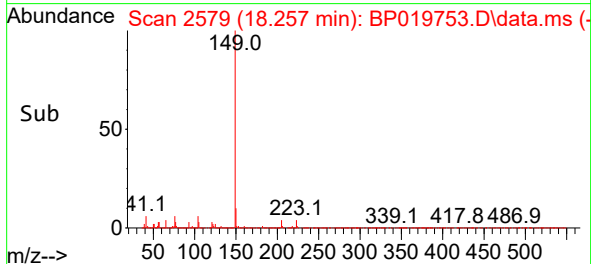
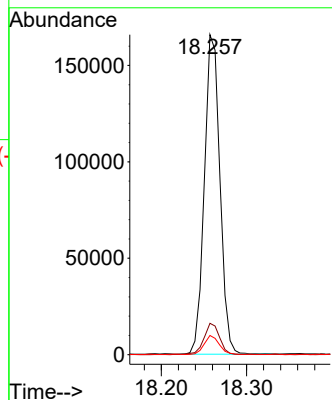
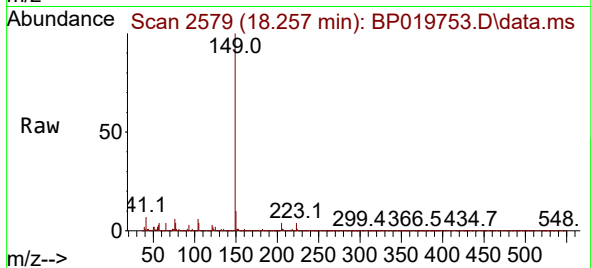
Tgt Ion:149 Resp: 210289

Ion Ratio Lower Upper

149 100

150 9.8 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: BP019753.D

Acq: 16 Feb 2024 19:48

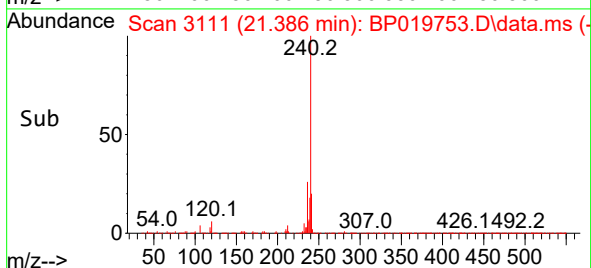
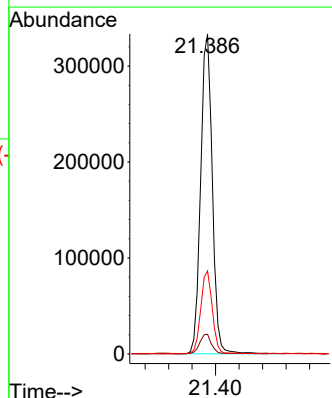
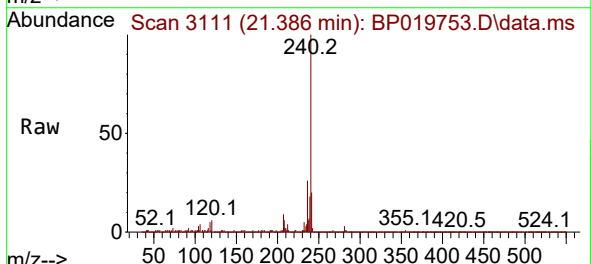
Tgt Ion:240 Resp: 458261

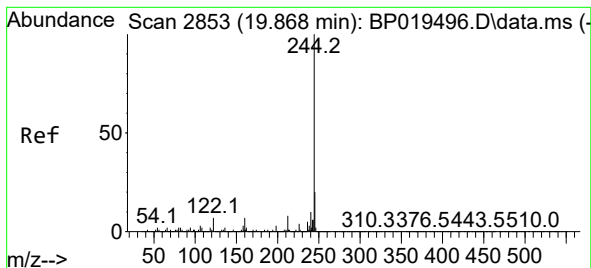
Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 1.877 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)DL2

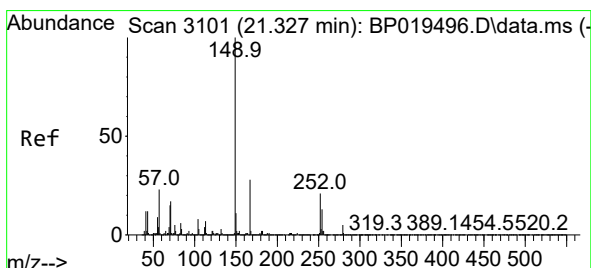
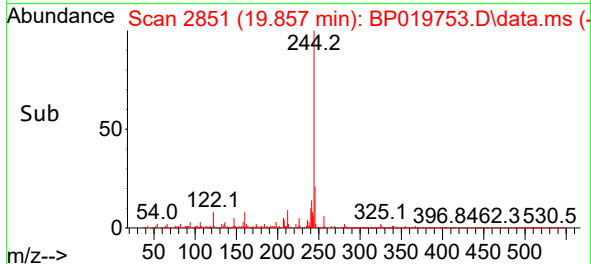
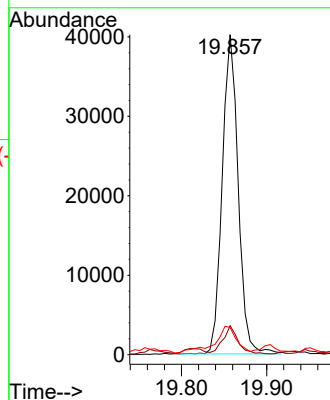
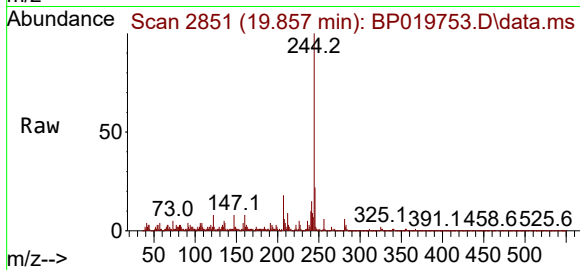
Tgt Ion:244 Resp: 52292

Ion Ratio Lower Upper

244 100

212 9.1 6.1 9.1

122 8.5 5.9 8.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.185 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019753.D

Acq: 16 Feb 2024 19:48

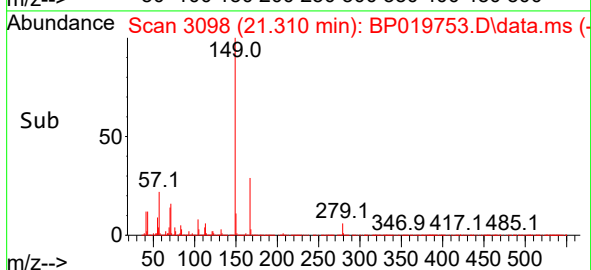
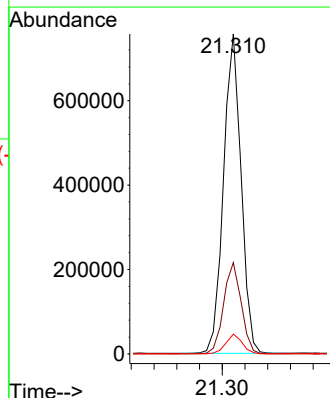
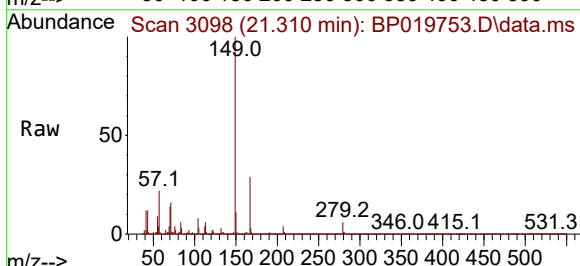
Tgt Ion:149 Resp: 812641

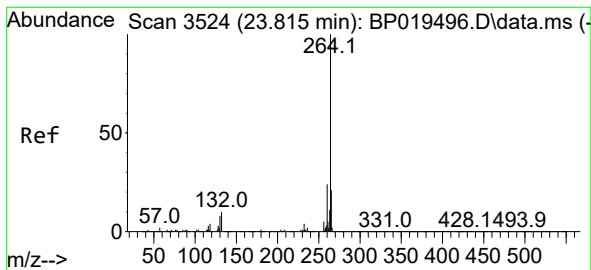
Ion Ratio Lower Upper

149 100

167 28.5 22.7 34.1

279 6.2 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BP019753.D
 Acq: 16 Feb 2024 19:48

Instrument :
 BNA_P
 ClientSampleId :
 B-2(6-8)DL2

Tgt Ion:264 Resp: 524340
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.9 17.0 25.4

