

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019709.D
 Acq On : 14 Feb 2024 19:28
 Operator : MA/JU
 Sample : P1395-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

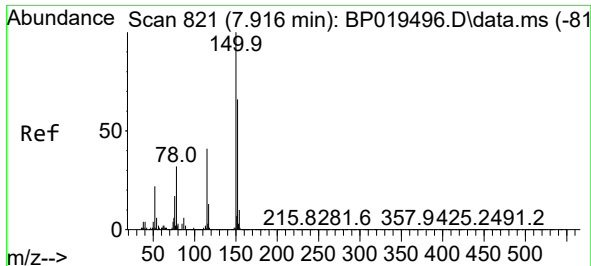
Instrument :
 BNA_P
 ClientSampleId :
 B-2(6-8)

Quant Time: Feb 14 23:27:29 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	72474	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	260162	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	260368	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	305813	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	337184	20.000	ng	0.00
86) Perylene-d12	23.810	264	419687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	206683	45.969	ng	-0.01
7) Phenol-d6	7.081	99	279485	46.101	ng	0.00
23) Nitrobenzene-d5	9.075	82	189107	31.497	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	128337	33.759	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	413170	19.617	ng	-0.02
79) Terphenyl-d14	19.863	244	642470	31.335	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.258	93	15508	2.633	ng	# 61
10) Phenol	7.122	94	3010611	498.257	ng	99
11) bis(2-Chloroethyl)ether	7.258	93	15508	3.299	ng	# 35
12) 1,3-Dichlorobenzene	7.787	146	19897	3.523	ng	99
13) 1,4-Dichlorobenzene	7.940	146	269721	47.134	ng	100
14) 1,2-Dichlorobenzene	8.252	146	90473	16.340	ng	97
15) Benzyl Alcohol	8.357	79	542833	112.065	ng	# 1
17) 2-Methylphenol	8.357	107	991718	243.790	ng	98
20) 3+4-Methylphenols	8.687	107	1466601	264.171	ng	92
24) Nitrobenzene	9.334	77	75970	12.567	ng	# 63
27) 2,4-Dimethylphenol	9.893	122	912440	309.580	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	15821	2.674	ng	# 1
30) 1,2,4-Trichlorobenzene	10.563	180	17153	3.140	ng	96
31) Naphthalene	10.751	128	293909	20.598	ng	99
32) Benzoic acid	10.140	122	226625	78.919	ng	# 1
33) 4-Chloroaniline	10.751	127	39655	7.515	ng	# 1
36) 4-Chloro-3-methylphenol	12.116	107	10317946	2123.887	ng	# 22
37) 2-Methylnaphthalene	12.369	142	33105	3.353	ng	95
38) 1-Methylnaphthalene	12.369	142	33105	3.412	ng	91
46) 1,1'-Biphenyl	13.381	154	1788585	86.069	ng	99
48) 2-Nitroaniline	13.610	65	296714	62.205	ng	# 11
70) Pentachlorophenol	16.939	266	41378	14.883	ng	96
74) Di-n-butylphthalate	18.269	149	2653355	150.461	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	10104806	746.706	ng	# 94

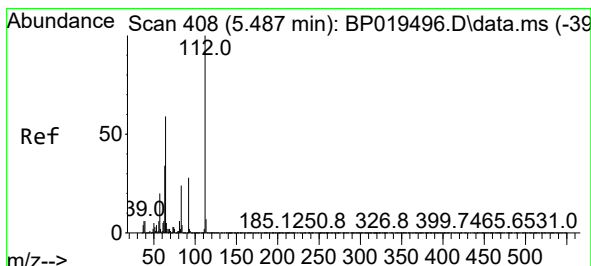
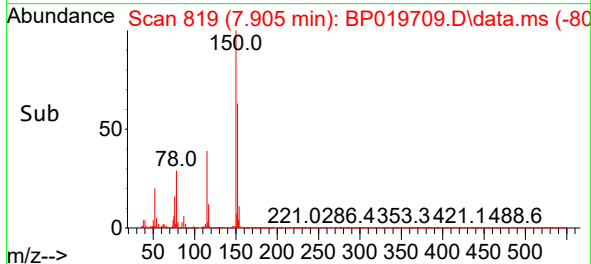
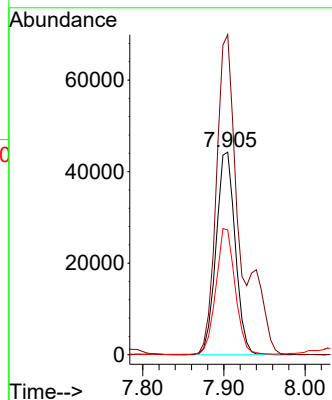
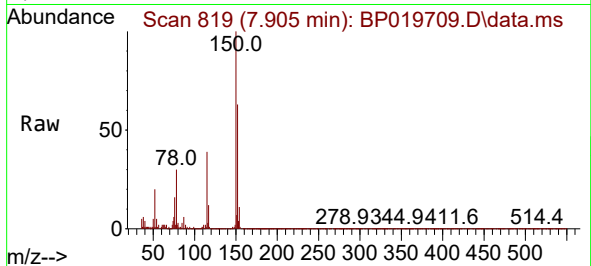
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

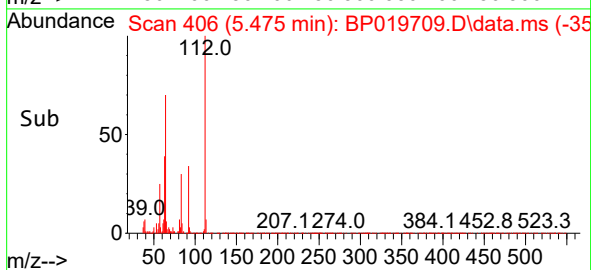
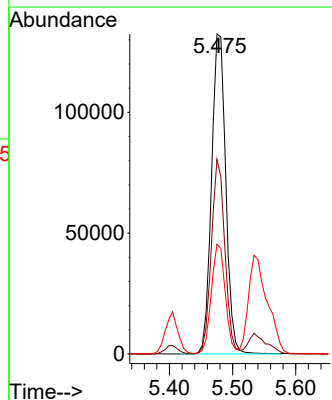
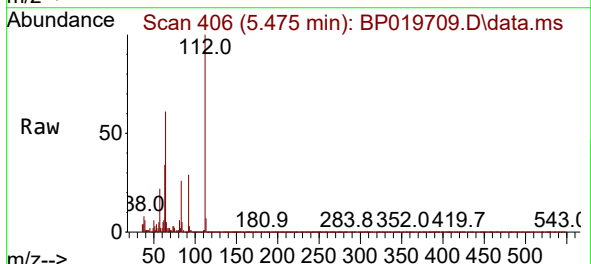
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

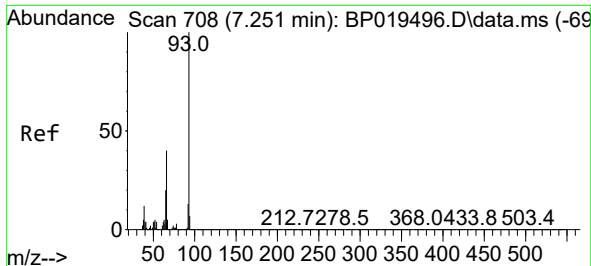
Tgt Ion:152 Resp: 72474
Ion Ratio Lower Upper
152 100
150 158.0 121.8 182.8
115 61.6 49.9 74.9



#5
2-Fluorophenol
Concen: 45.969 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:112 Resp: 206683
Ion Ratio Lower Upper
112 100
64 60.8 47.4 71.0
63 34.3 27.0 40.6





#6

Aniline

Concen: 2.633 ng

RT: 7.258 min Scan# 70

Delta R.T. 0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

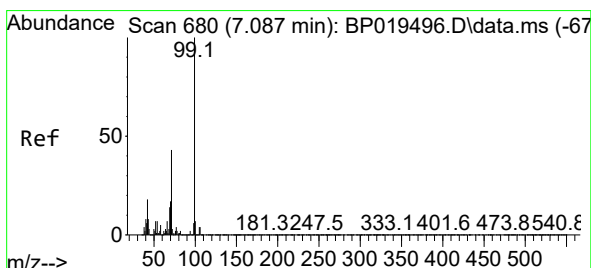
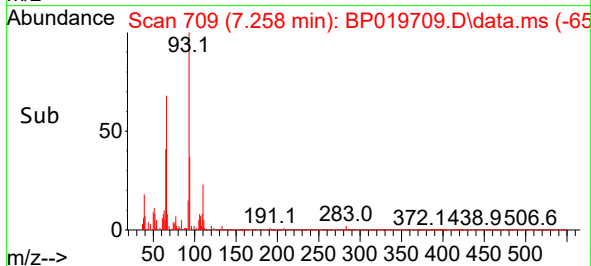
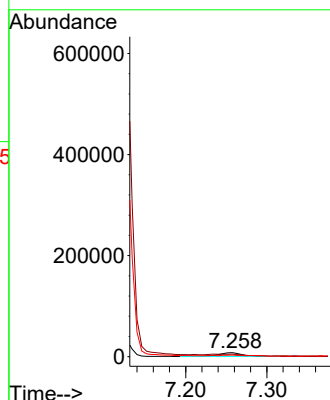
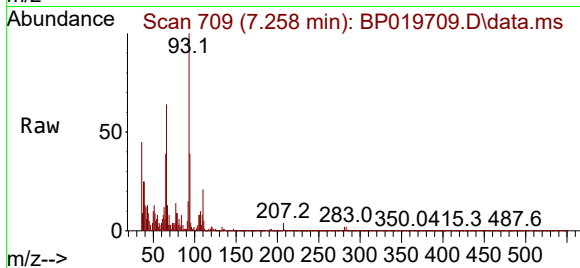
Tgt Ion: 93 Resp: 15508

Ion Ratio Lower Upper

93 100

66 64.1 32.3 48.5#

65 39.1 16.4 24.6#



#7

Phenol-d6

Concen: 46.101 ng

RT: 7.081 min Scan# 679

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

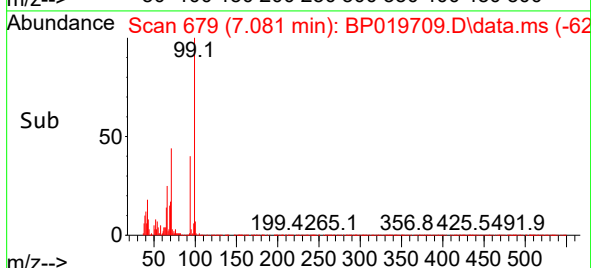
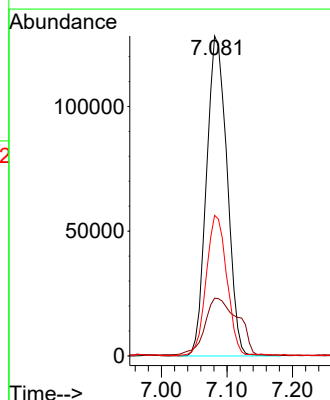
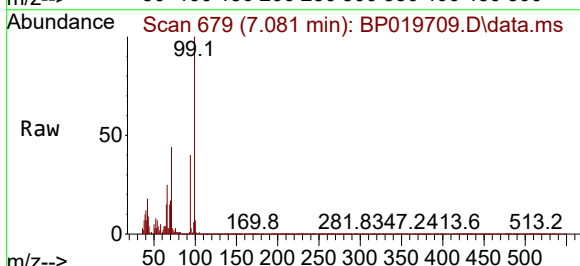
Tgt Ion: 99 Resp: 279485

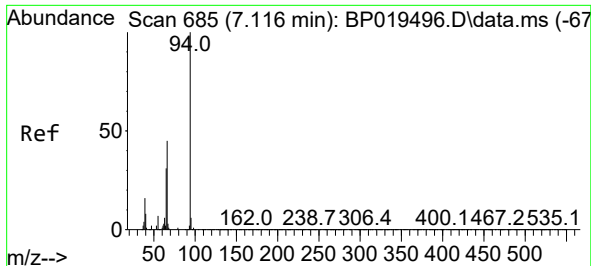
Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 43.9 34.8 52.2

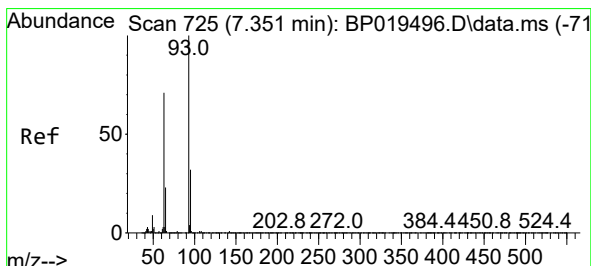
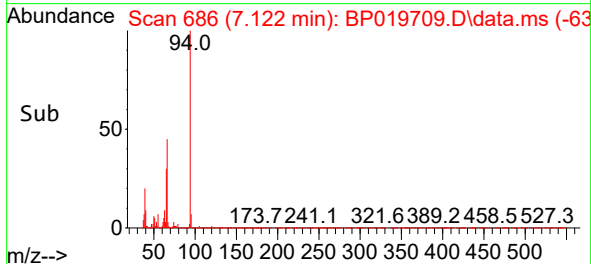
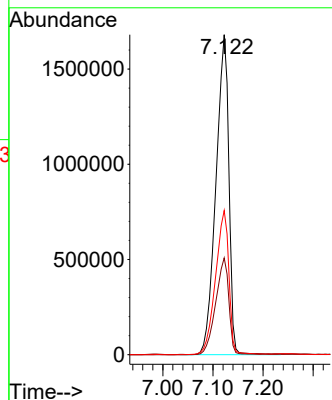
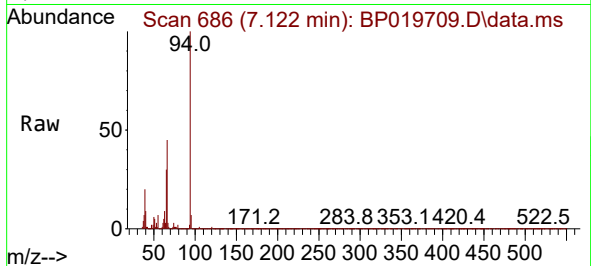




#10
Phenol
Concen: 498.257 ng
RT: 7.122 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

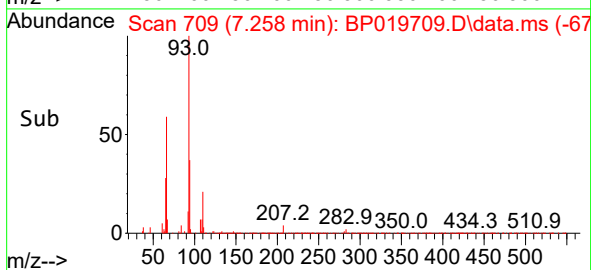
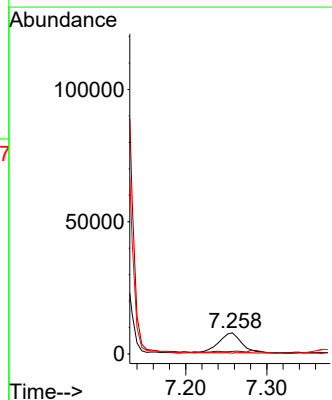
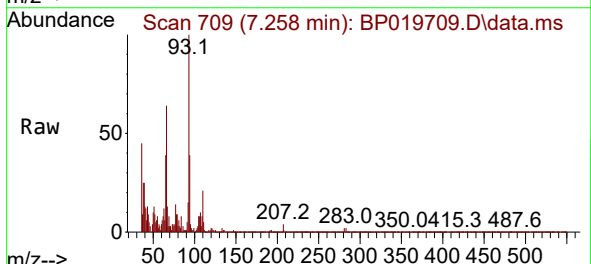
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

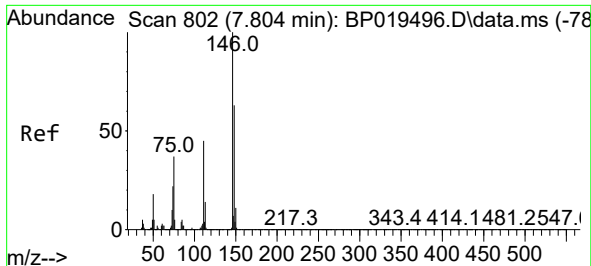
Tgt Ion: 94 Resp: 3010611
Ion Ratio Lower Upper
94 100
65 30.2 11.3 51.3
66 45.1 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 3.299 ng
RT: 7.258 min Scan# 709
Delta R.T. -0.094 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion: 93 Resp: 15508
Ion Ratio Lower Upper
93 100
63 12.4 51.2 91.2#
95 3.8 11.8 51.8#





#12

1,3-Dichlorobenzene

Concen: 3.523 ng

RT: 7.787 min Scan# 799

Delta R.T. -0.017 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

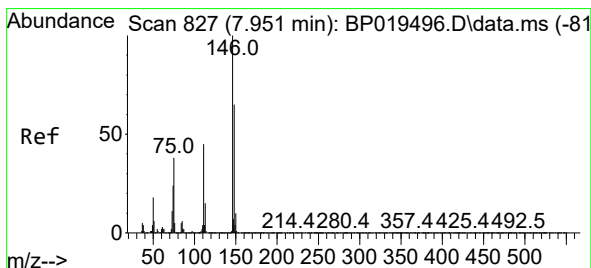
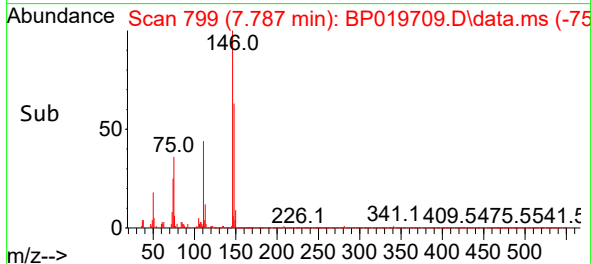
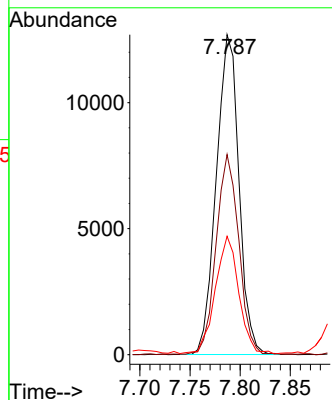
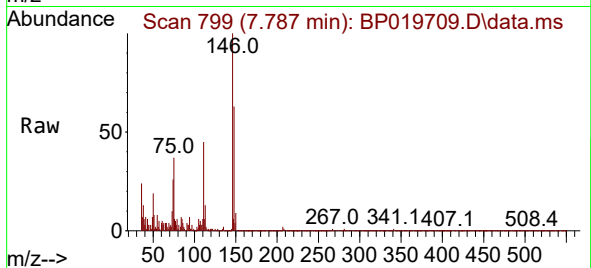
Tgt Ion:146 Resp: 19897

Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

75 37.0 29.9 44.9



#13

1,4-Dichlorobenzene

Concen: 47.134 ng

RT: 7.940 min Scan# 825

Delta R.T. -0.011 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

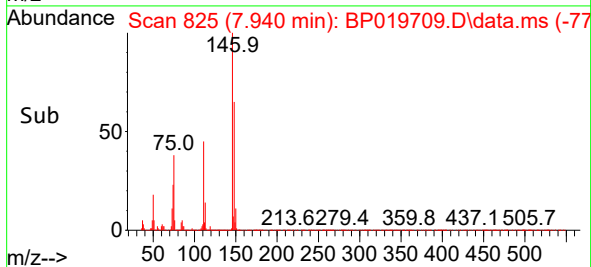
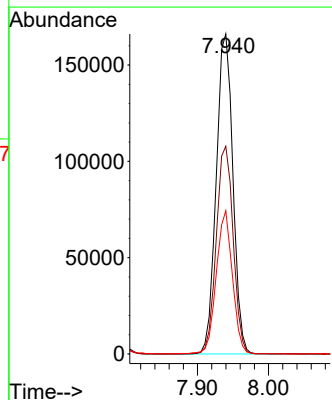
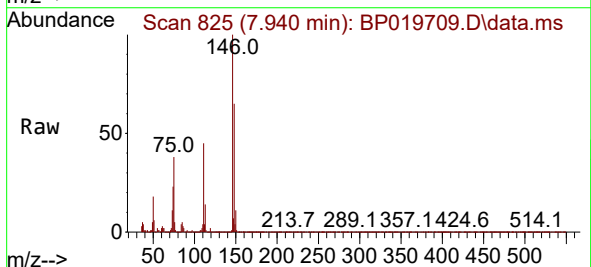
Tgt Ion:146 Resp: 269721

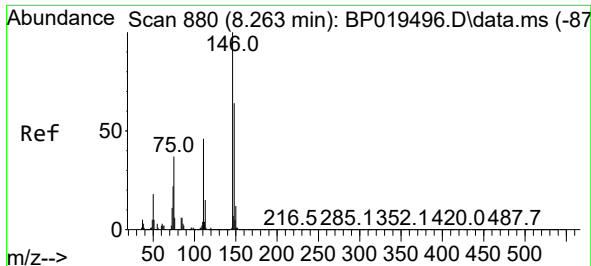
Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

111 44.8 35.8 53.6

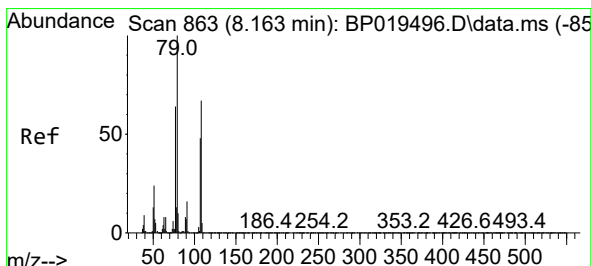
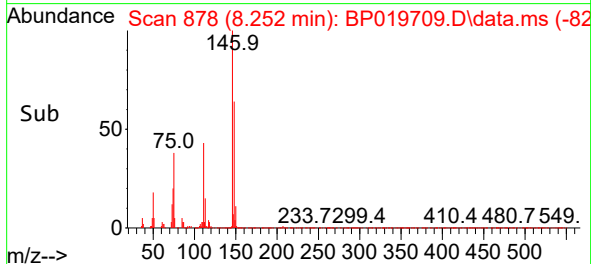
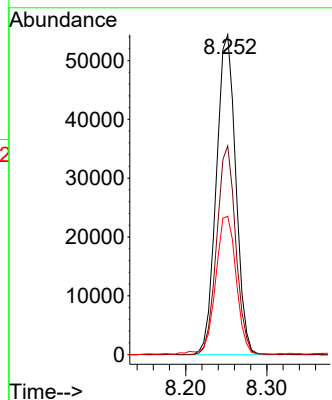
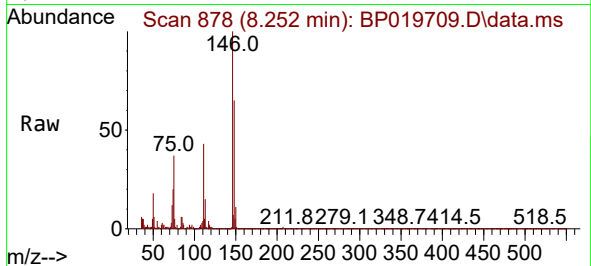




#14
1,2-Dichlorobenzene
Concen: 16.340 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

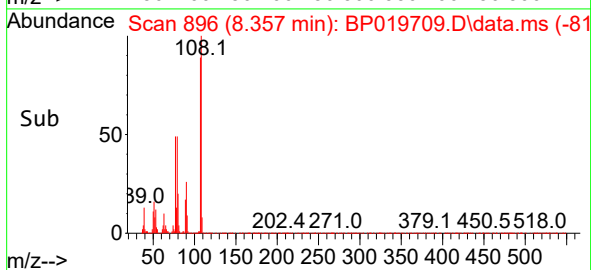
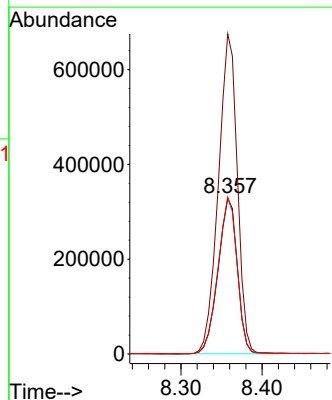
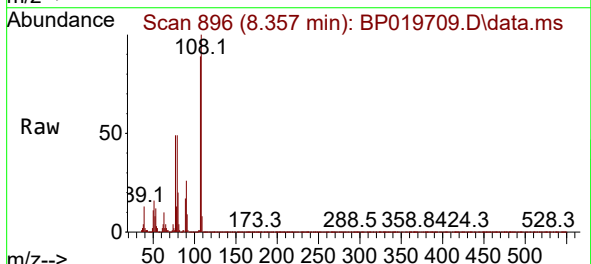
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

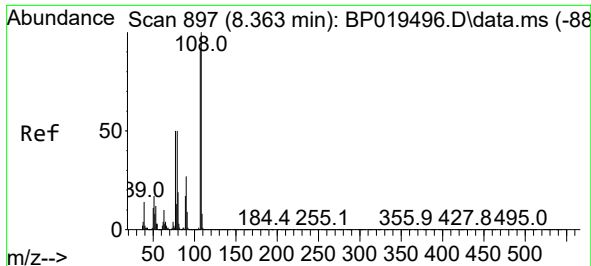
Tgt Ion:146 Resp: 90473
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
111 43.2 37.0 55.6



#15
Benzyl Alcohol
Concen: 112.065 ng
RT: 8.357 min Scan# 896
Delta R.T. 0.194 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion: 79 Resp: 542833
Ion Ratio Lower Upper
79 100
108 205.6 53.8 80.6#
77 100.9 51.3 76.9#

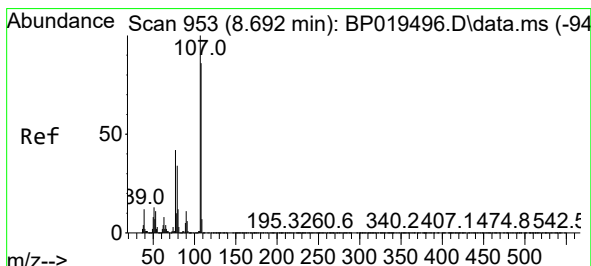
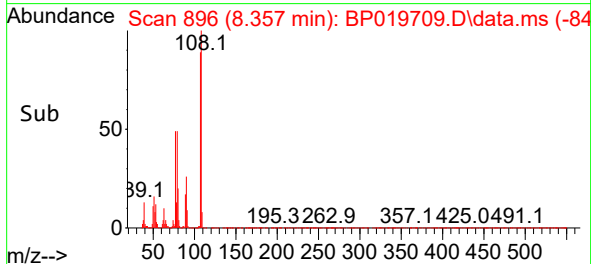
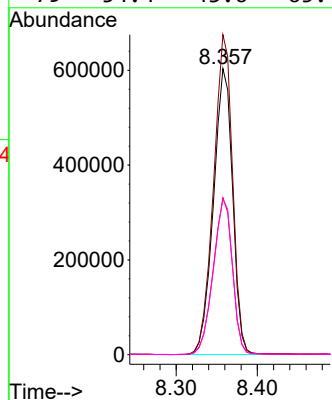
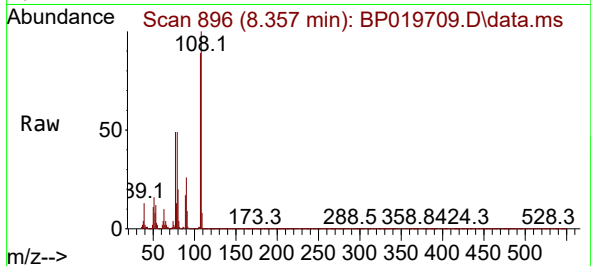




#17
2-Methylphenol
Concen: 243.790 ng
RT: 8.357 min Scan# 897
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

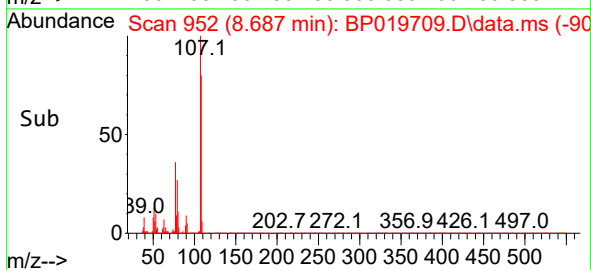
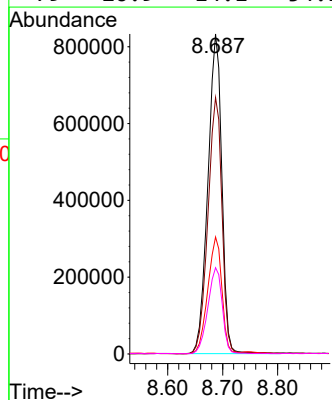
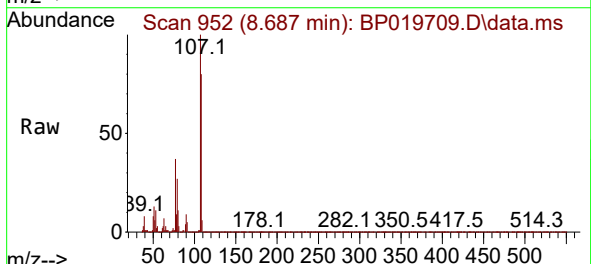
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ClientSampleId :
B-2(6-8)

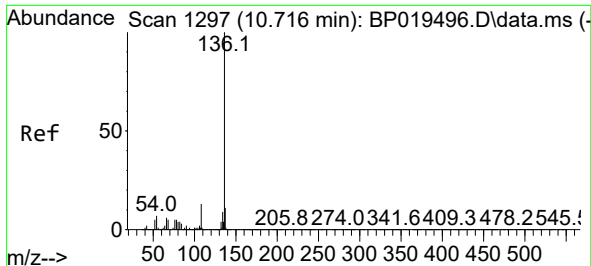
Tgt Ion:	107	Resp:	991718
Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.0	130.6
77	54.9	43.5	65.3
79	54.4	43.6	65.4



#20
3+4-Methylphenols
Concen: 264.171 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:	107	Resp:	1466601
Ion	Ratio	Lower	Upper
107	100		
108	80.2	65.5	105.5
77	36.5	21.8	61.8
79	26.9	14.1	54.1

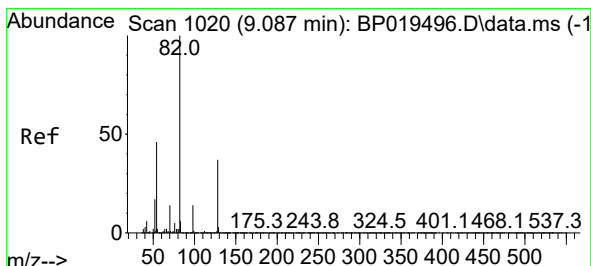
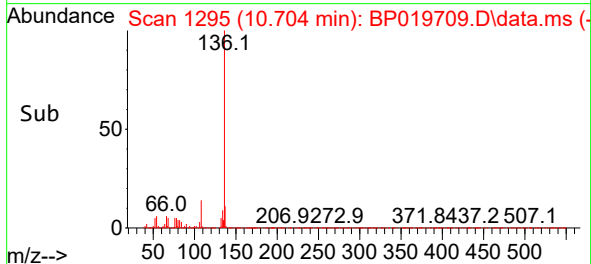
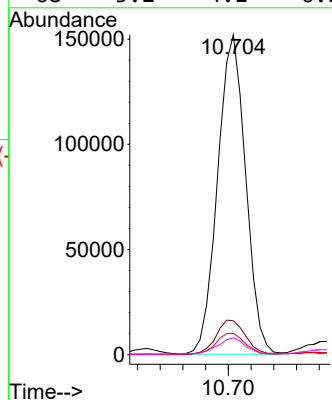
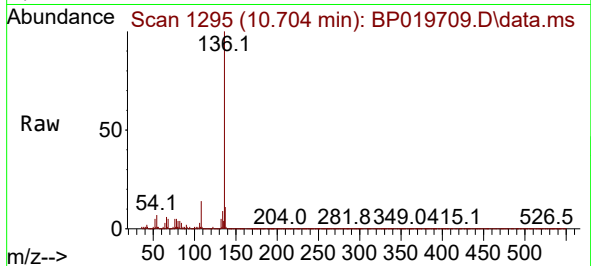




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

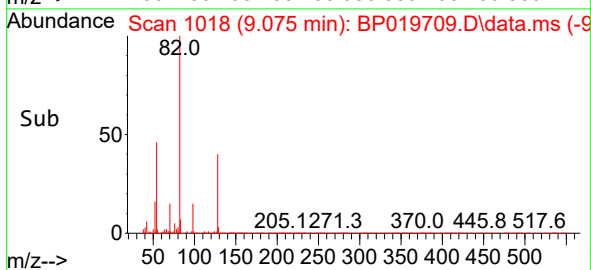
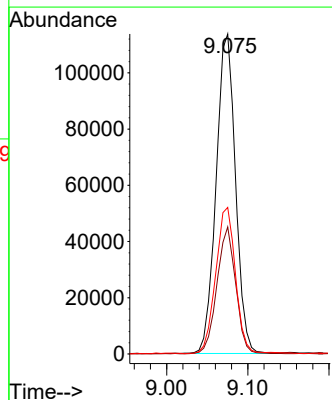
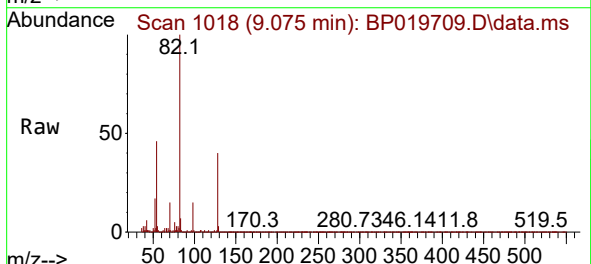
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

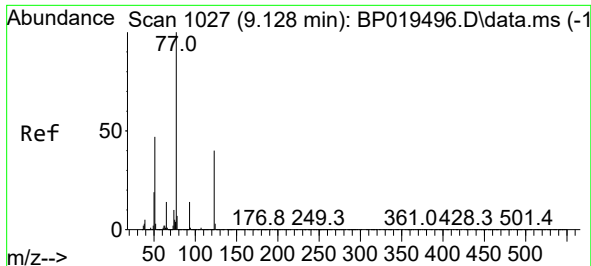
Tgt Ion:	136	Resp:	260162
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.6	5.3	7.9
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 31.497 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:	82	Resp:	189107
Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.7	44.5
54	45.8	36.8	55.2

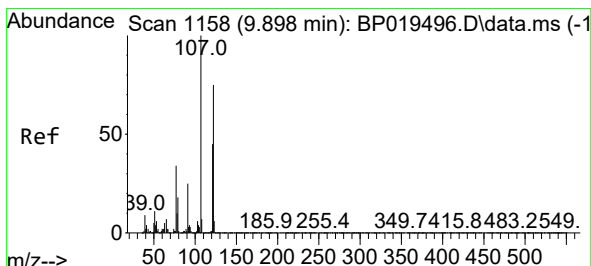
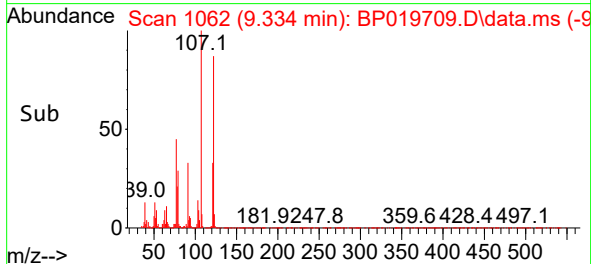
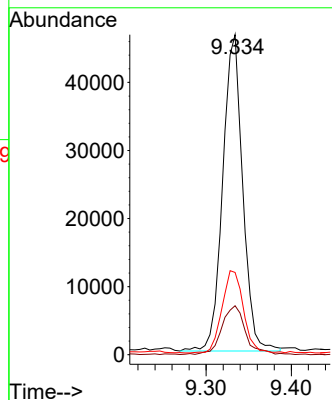
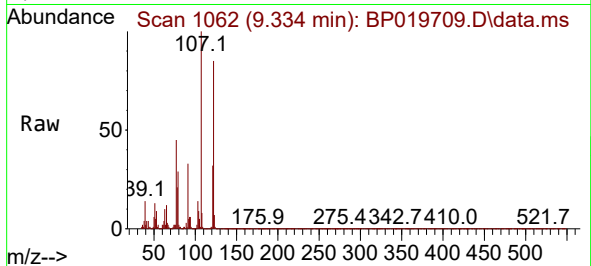




#24
Nitrobenzene
Concen: 12.567 ng
RT: 9.334 min Scan# 1062
Delta R.T. 0.206 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

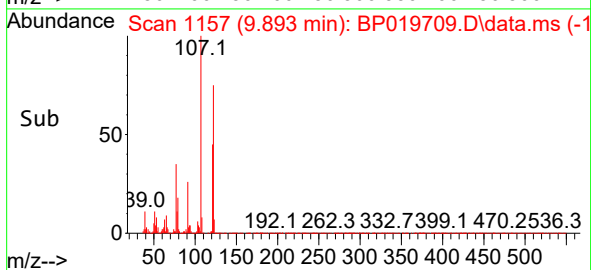
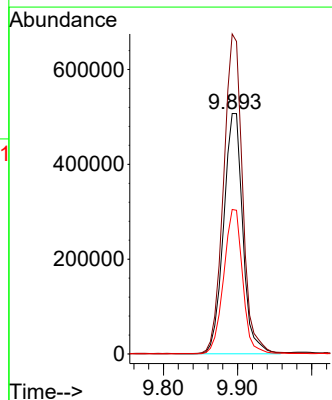
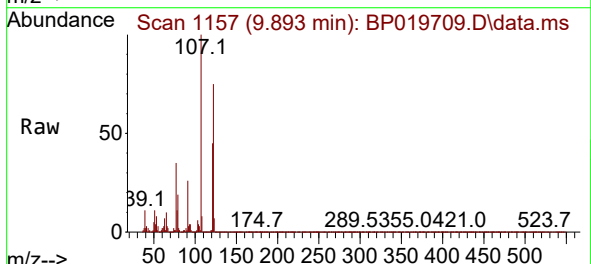
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

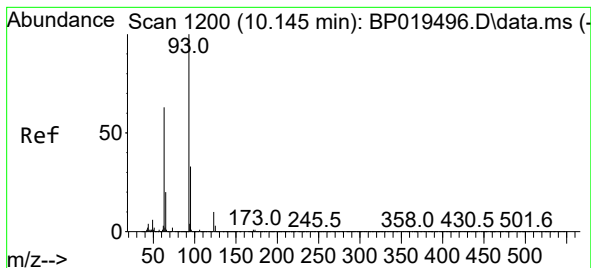
Tgt Ion	Ratio	Lower	Upper
77	100		
123	15.3	32.3	48.5#
65	25.7	11.6	17.4#



#27
2,4-Dimethylphenol
Concen: 309.580 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.0	105.9	158.9
121	60.1	47.5	71.3

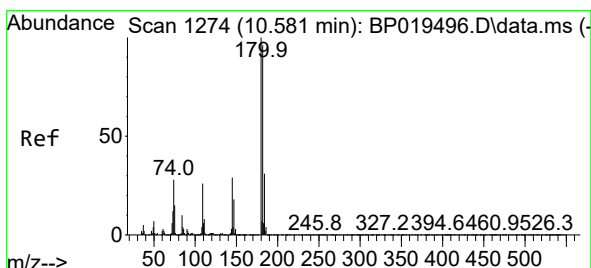
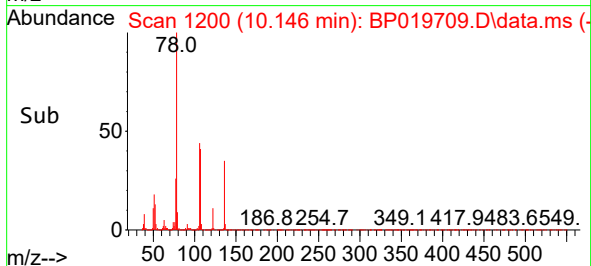
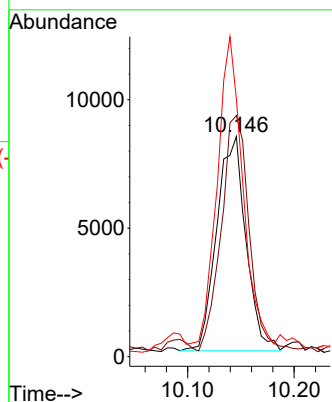
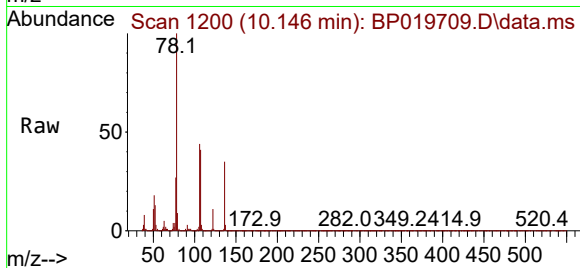




#28
bis(2-Chloroethoxy)methane
Concen: 2.674 ng
RT: 10.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

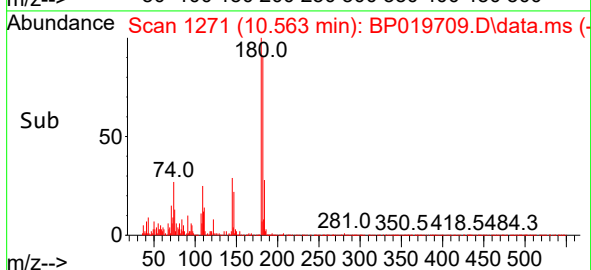
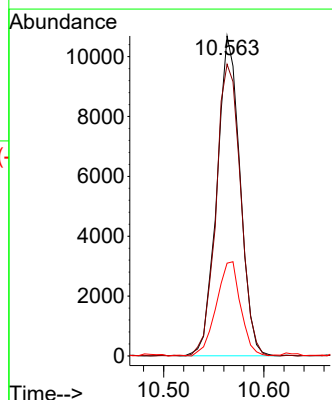
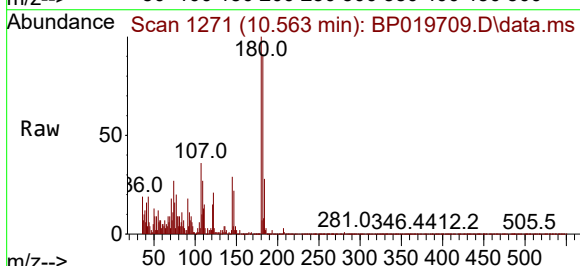
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

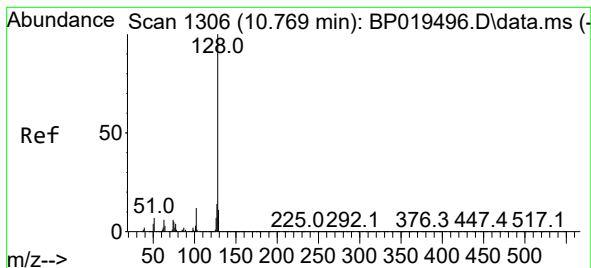
Tgt Ion: 93 Resp: 15821
Ion Ratio Lower Upper
93 100
95 109.6 26.2 39.4#
123 117.2 8.5 12.7#



#30
1,2,4-Trichlorobenzene
Concen: 3.140 ng
RT: 10.563 min Scan# 1271
Delta R.T. -0.017 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion: 180 Resp: 17153
Ion Ratio Lower Upper
180 100
182 91.2 77.0 115.6
145 29.0 23.2 34.8

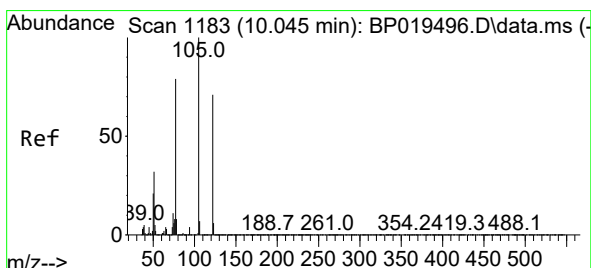
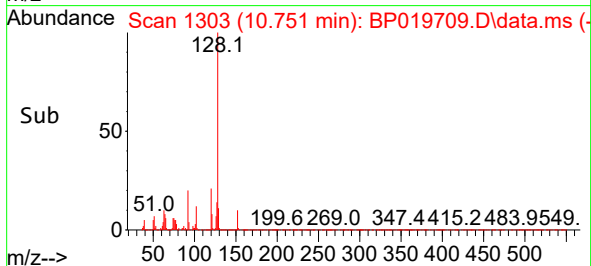
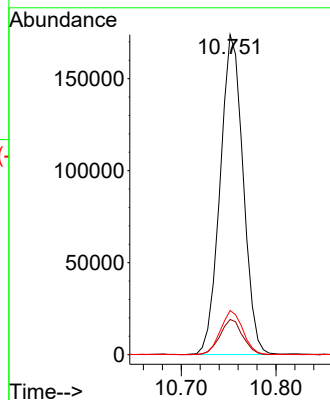
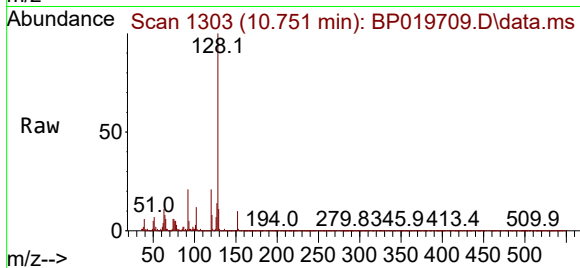




#31
Naphthalene
Concen: 20.598 ng
RT: 10.751 min Scan# 1199
Delta R.T. -0.017 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

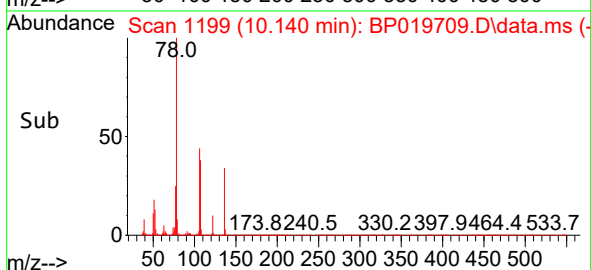
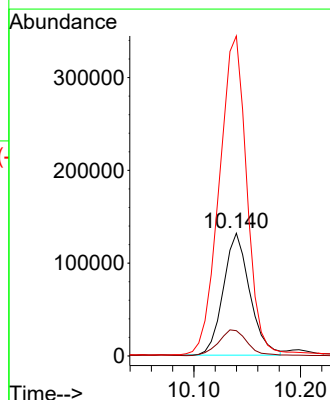
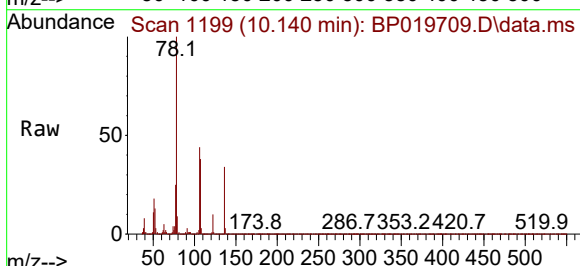
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

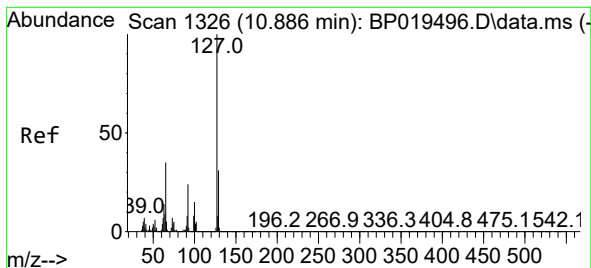
Tgt Ion:128 Resp: 293909
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 78.919 ng
RT: 10.140 min Scan# 1199
Delta R.T. 0.094 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:122 Resp: 226625
Ion Ratio Lower Upper
122 100
105 20.5 118.8 158.8#
77 260.6 91.7 131.7#

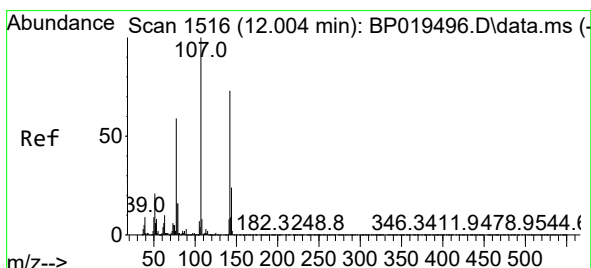
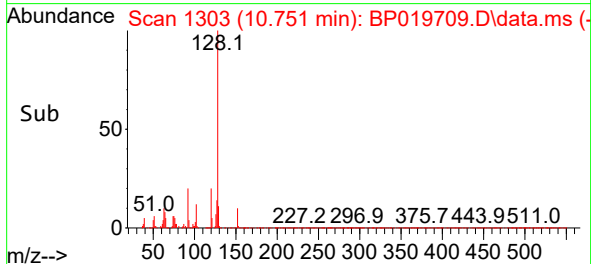
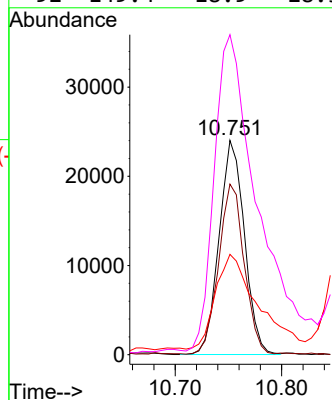
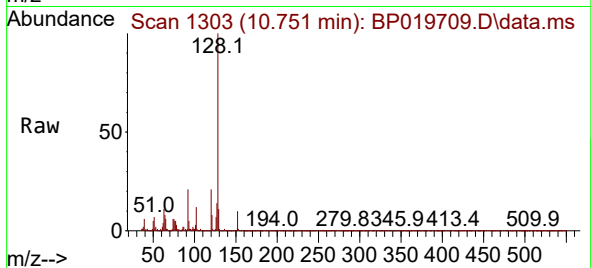




#33
4-Chloroaniline
Concen: 7.515 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.135 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

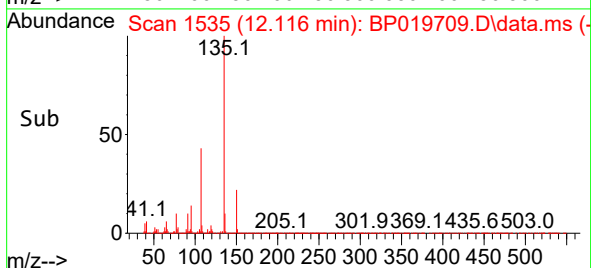
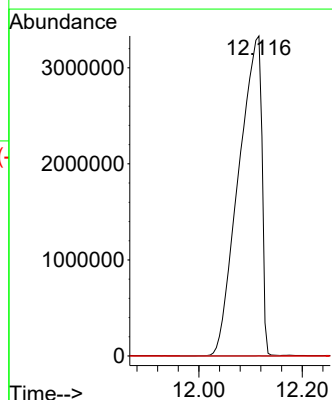
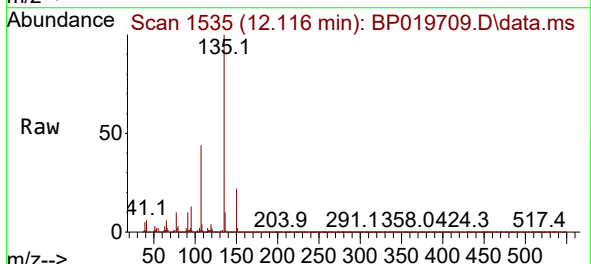
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

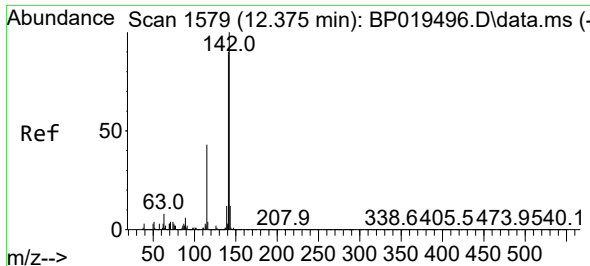
Tgt Ion:	127	Resp:	39655
Ion	Ratio	Lower	Upper
127	100		
129	79.6	24.6	36.8#
65	46.8	28.2	42.4#
92	149.4	18.9	28.3#



#36
4-Chloro-3-methylphenol
Concen: 2123.887 ng
RT: 12.116 min Scan# 1535
Delta R.T. 0.112 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:	107	Resp:	10317946
Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.0	28.4#
142	0.0	58.6	88.0#

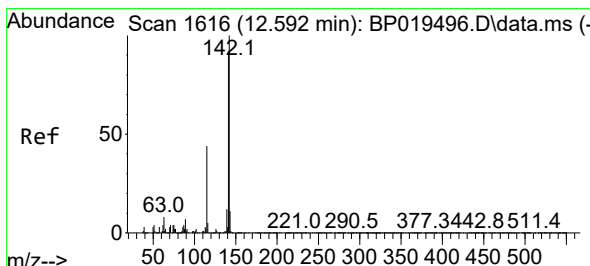
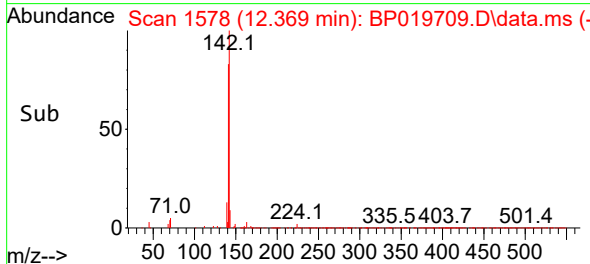
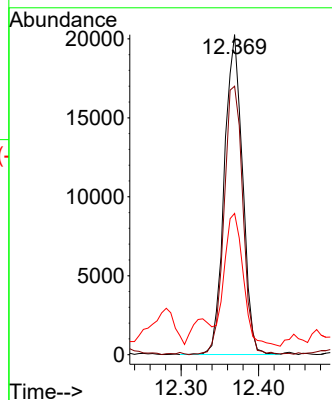
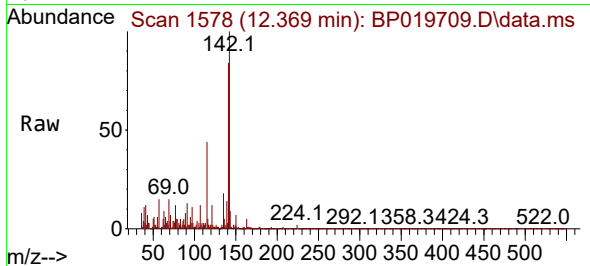




#37
2-Methylnaphthalene
Concen: 3.353 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

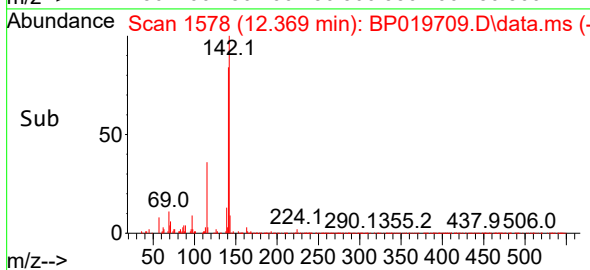
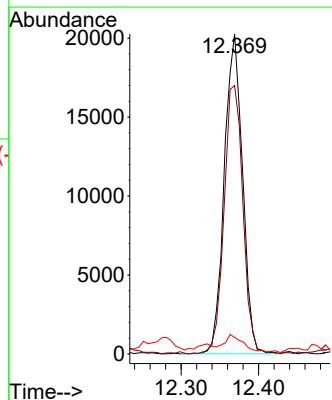
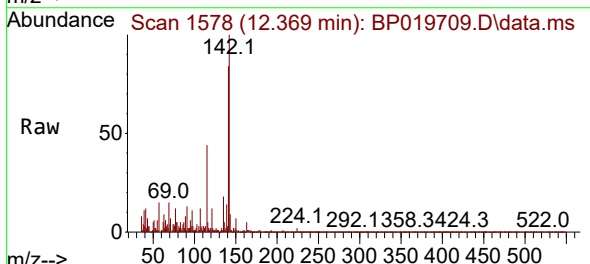
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

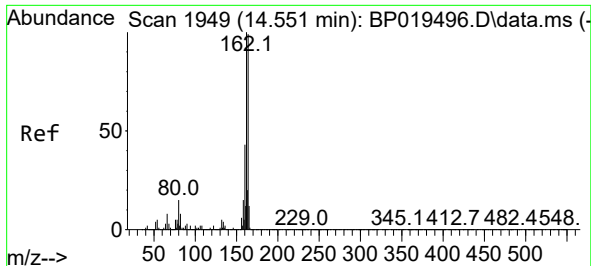
Tgt Ion:142 Resp: 33105
Ion Ratio Lower Upper
142 100
141 83.9 72.2 108.4
115 44.2 34.2 51.2



#38
1-Methylnaphthalene
Concen: 3.412 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.223 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:142 Resp: 33105
Ion Ratio Lower Upper
142 100
141 83.9 74.0 111.0
116 5.1 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

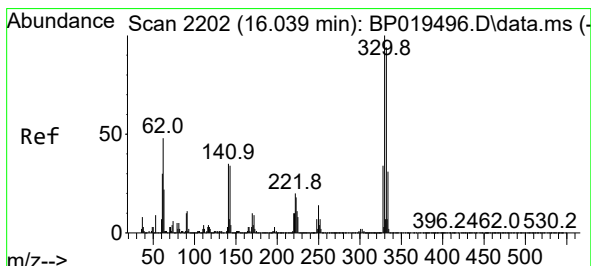
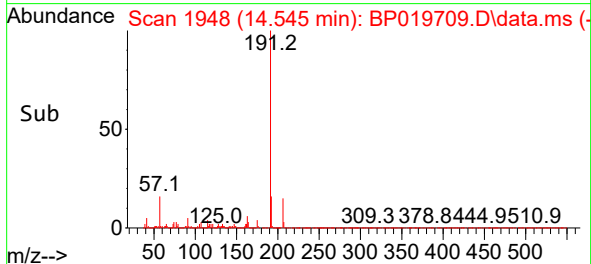
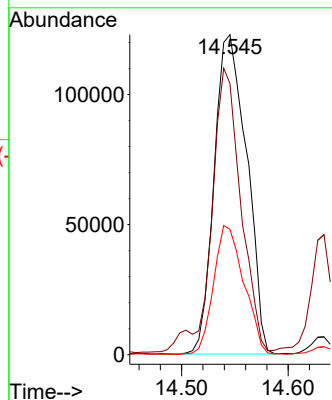
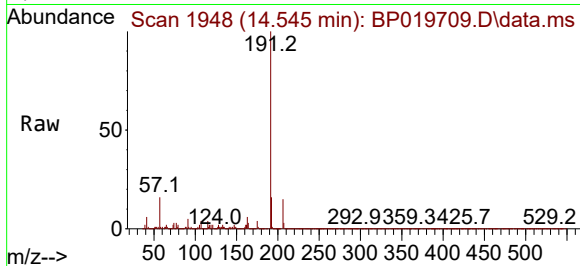
Tgt Ion:164 Resp: 260368

Ion Ratio Lower Upper

164 100

162 84.8 81.2 121.8

160 39.2 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 33.759 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

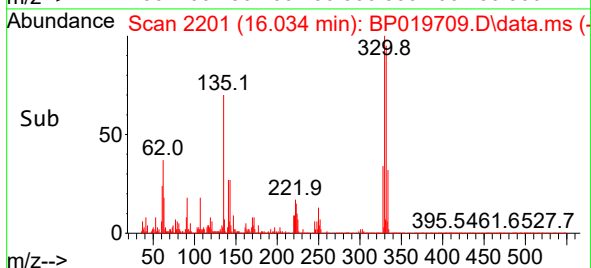
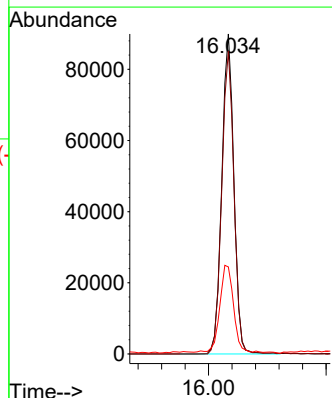
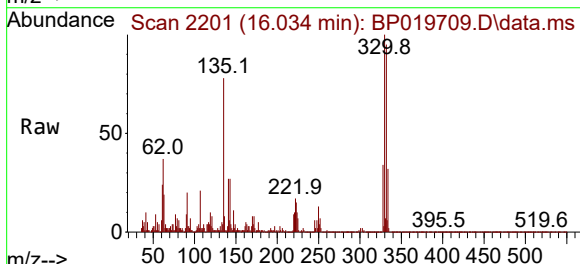
Tgt Ion:330 Resp: 128337

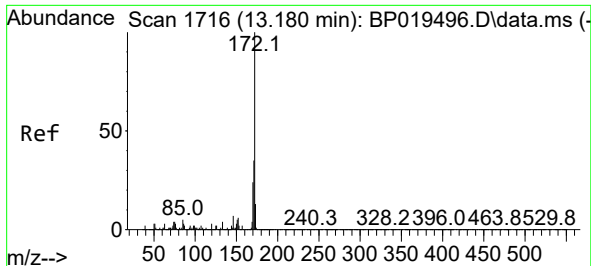
Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 30.5 27.0 40.4

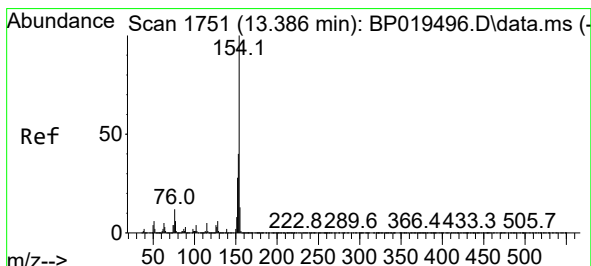
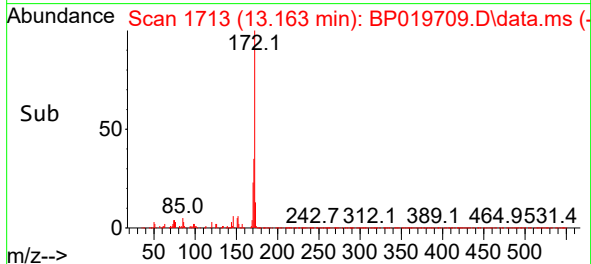
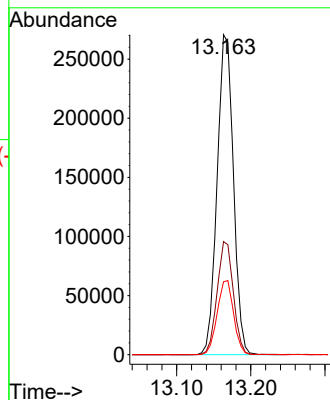
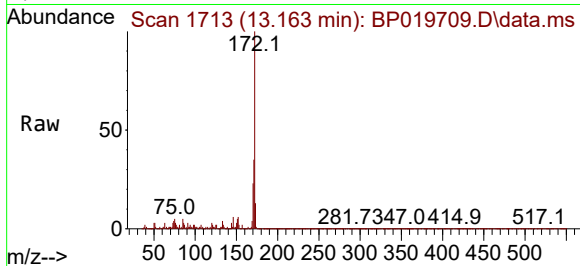




#45
2-Fluorobiphenyl
Concen: 19.617 ng
RT: 13.163 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

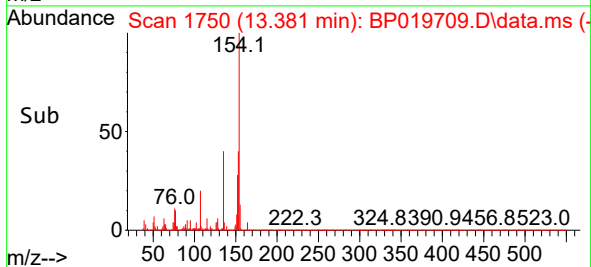
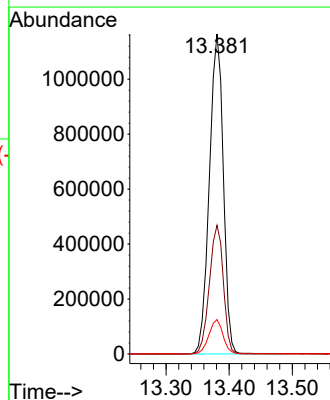
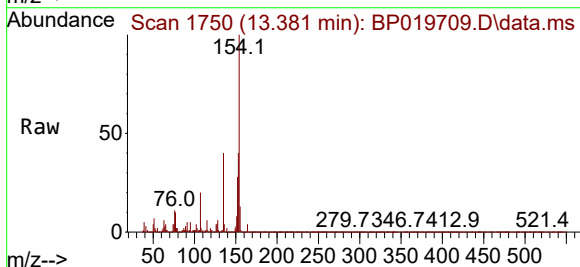
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

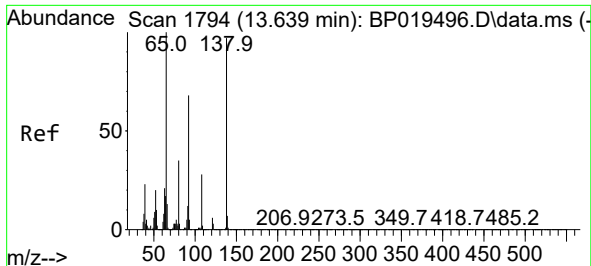
Tgt Ion:172 Resp: 413170
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 22.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 86.069 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:154 Resp: 1788585
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 10.7 0.0 31.6

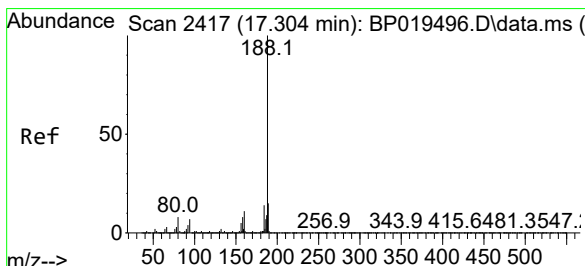
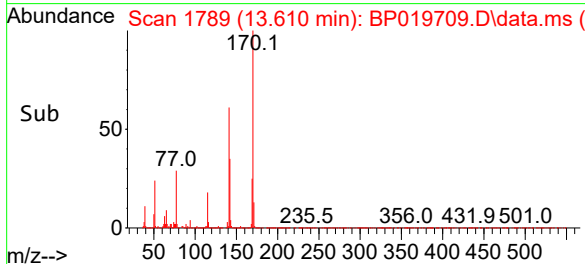
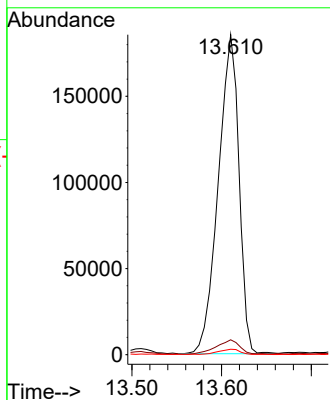
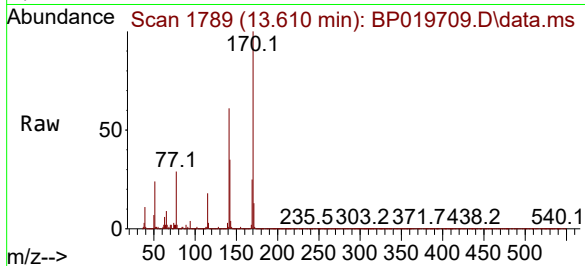




#48
2-Nitroaniline
Concen: 62.205 ng
RT: 13.610 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

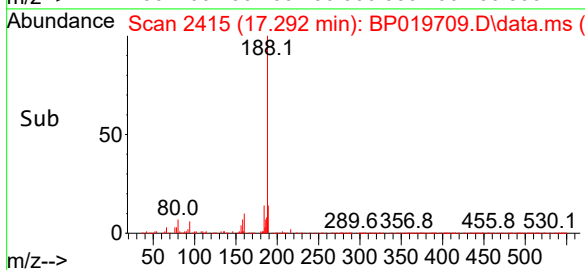
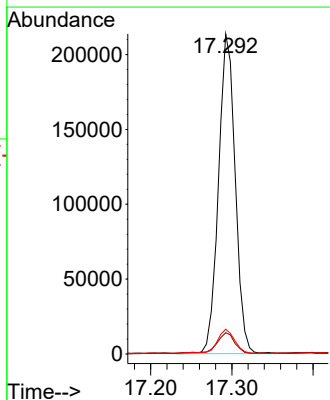
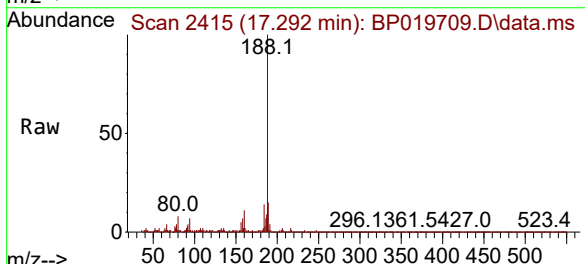
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

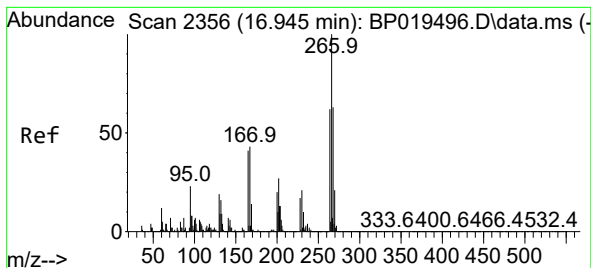
Tgt Ion: 65 Resp: 296714
Ion Ratio Lower Upper
65 100
92 4.7 54.7 82.1#
138 1.7 77.8 116.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:188 Resp: 305813
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 7.8 6.3 9.5





#70

Pentachlorophenol

Concen: 14.883 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

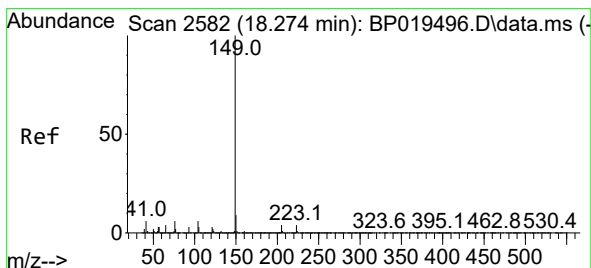
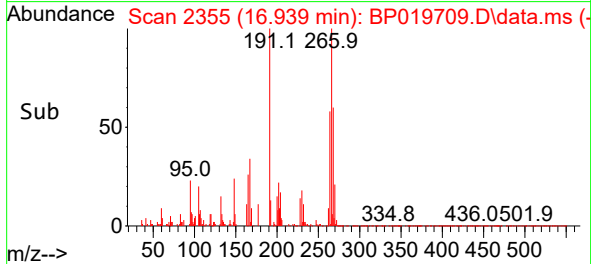
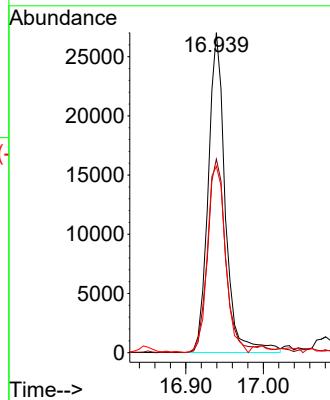
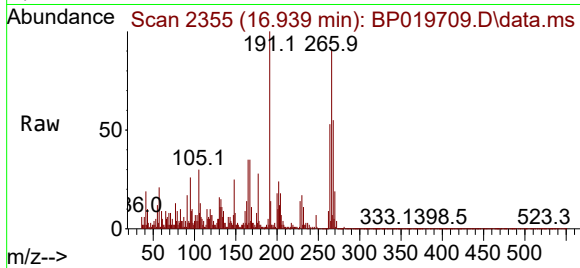
Tgt Ion:266 Resp: 41378

Ion Ratio Lower Upper

266 100

268 60.5 50.3 75.5

264 58.2 49.7 74.5



#74

Di-n-butylphthalate

Concen: 150.461 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

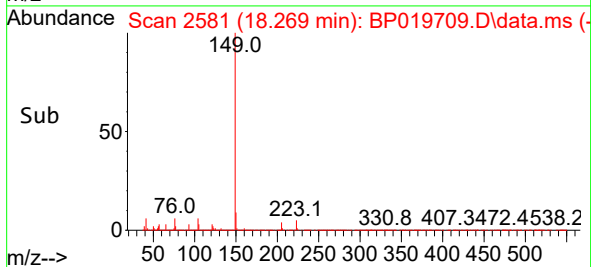
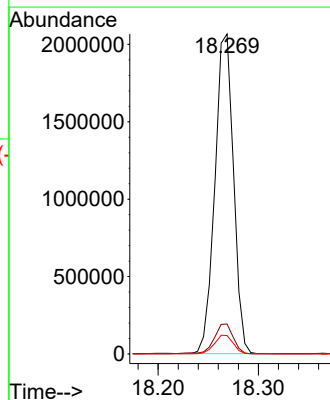
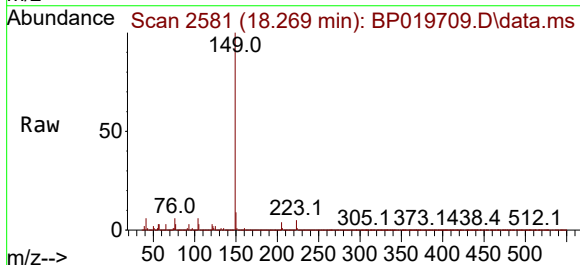
Tgt Ion:149 Resp: 2653355

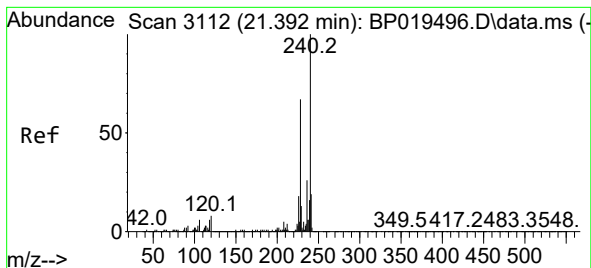
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.7 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: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

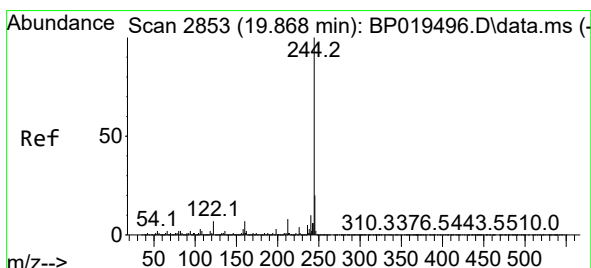
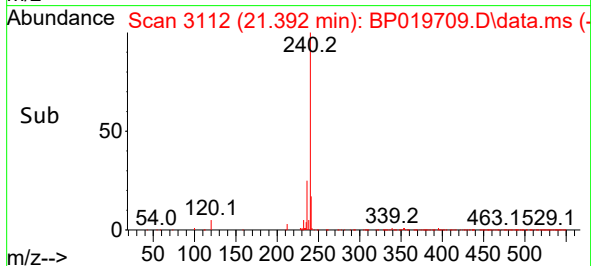
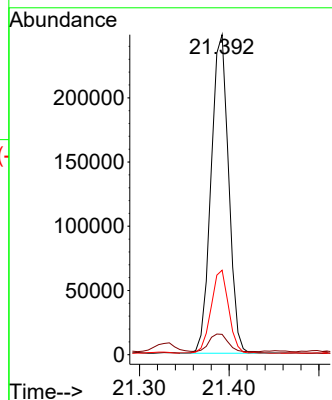
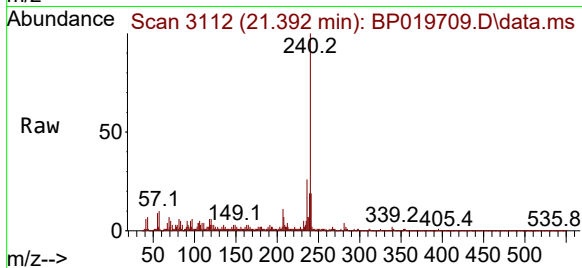
Tgt Ion:240 Resp: 337184

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 26.4 20.7 31.1



#79

Terphenyl-d14

Concen: 31.335 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

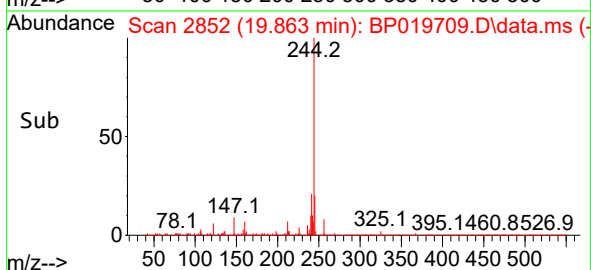
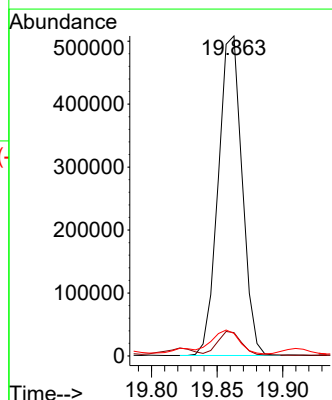
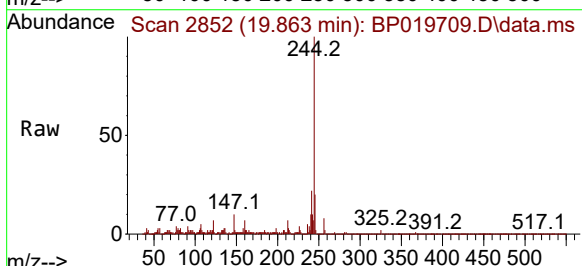
Tgt Ion:244 Resp: 642470

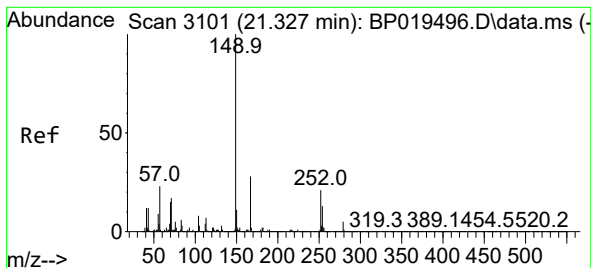
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 7.0 5.9 8.9

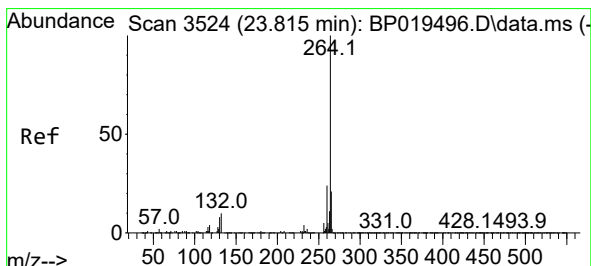
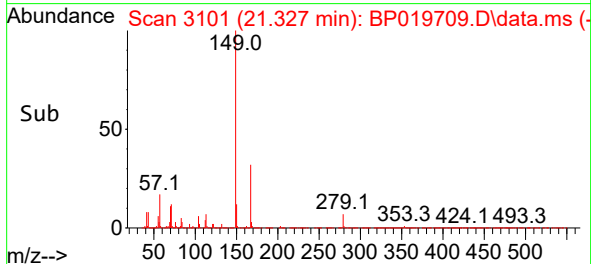
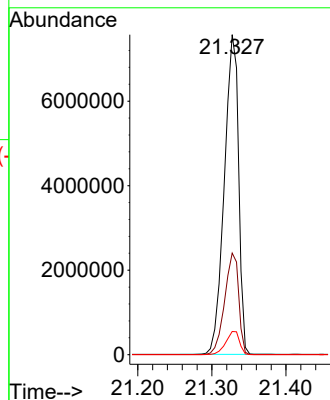
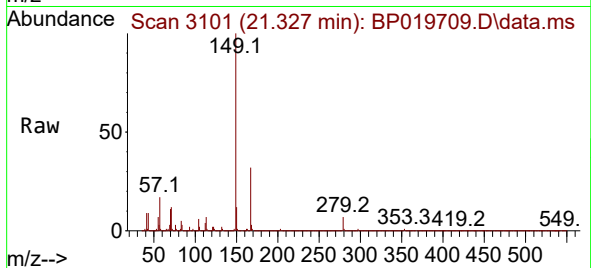




#84
Bis(2-ethylhexyl)phthalate
Concen: 746.706 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

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

Tgt Ion:149 Resp:10104806
Ion Ratio Lower Upper
149 100
167 31.8 22.7 34.1
279 7.2 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: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:264 Resp: 419687
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 22.7 17.0 25.4

