

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019733.D
 Acq On : 15 Feb 2024 20:52
 Operator : MA/JU
 Sample : P1395-02DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-3(10-12)DL

Quant Time: Feb 16 00:55:57 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)

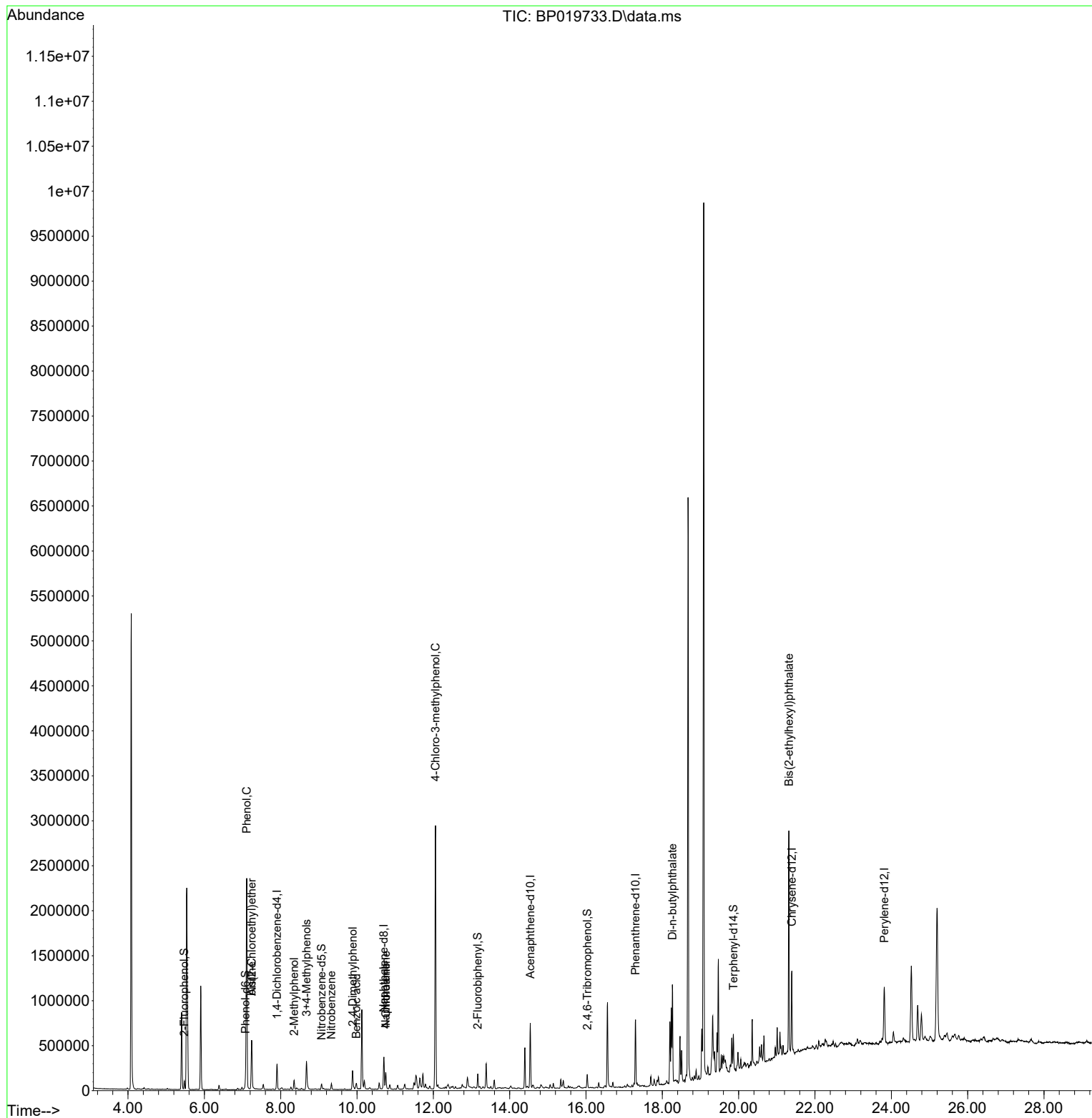
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	78942	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	293644	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	197278	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	474708	20.000	ng	0.00
76) Chrysene-d12	21.392	240	460808	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	536286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	39040	7.972	ng	-0.01
7) Phenol-d6	7.075	99	52714	7.983	ng	-0.01
23) Nitrobenzene-d5	9.069	82	35890	5.296	ng	-0.02
42) 2,4,6-Tribromophenol	16.033	330	31610	10.974	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	84377	5.287	ng	-0.02
79) Terphenyl-d14	19.863	244	163185	5.824	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.240	93	388459	60.541	ng	99
10) Phenol	7.110	94	1305259	198.322	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	388459	75.865	ng	# 28
17) 2-Methylphenol	8.352	107	30009	6.773	ng	95
20) 3+4-Methylphenols	8.675	107	157457	26.038	ng	93
24) Nitrobenzene	9.328	77	21400	3.136	ng	# 53
27) 2,4-Dimethylphenol	9.887	122	63650	19.133	ng	99
31) Naphthalene	10.751	128	142506	8.849	ng	99
32) Benzoic acid	9.981	122	25701	7.930	ng	92
33) 4-Chloroaniline	10.757	127	19483	3.271	ng	# 37
36) 4-Chloro-3-methylphenol	12.057	107	748796	136.560	ng	# 22
74) Di-n-butylphthalate	18.263	149	760972	27.799	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	902562	48.803	ng	99

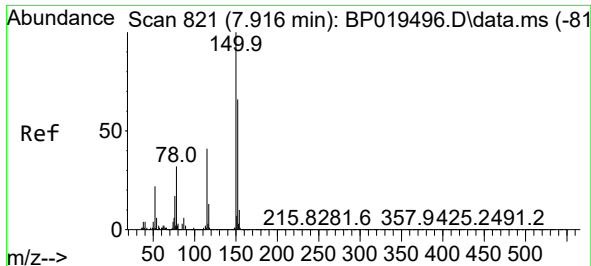
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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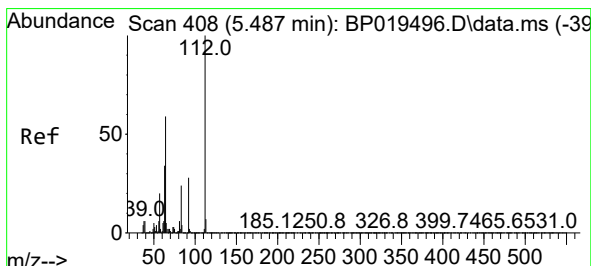
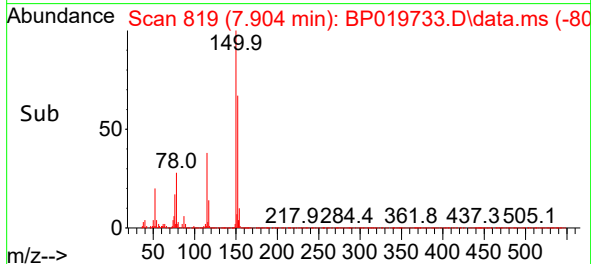
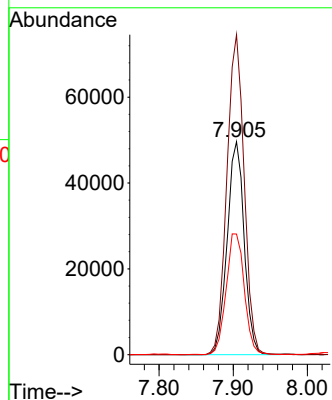
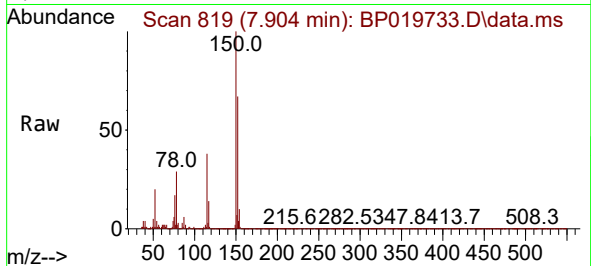




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

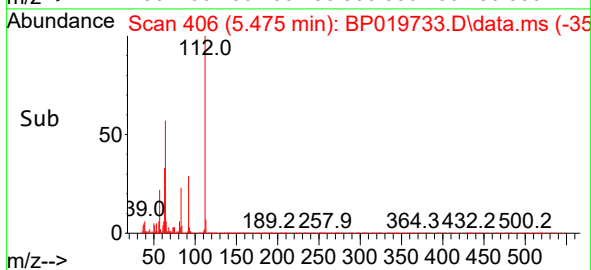
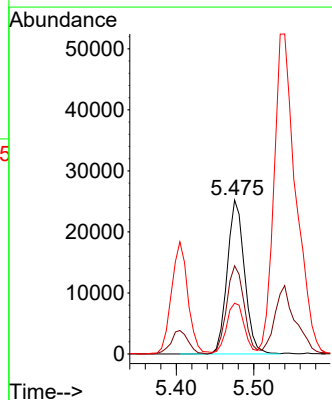
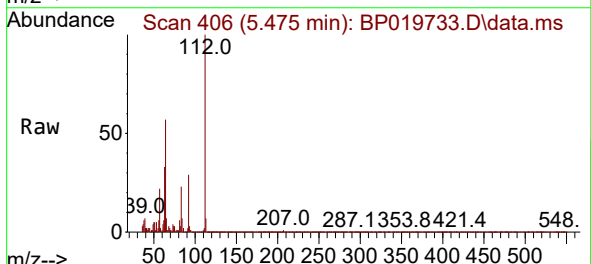
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL

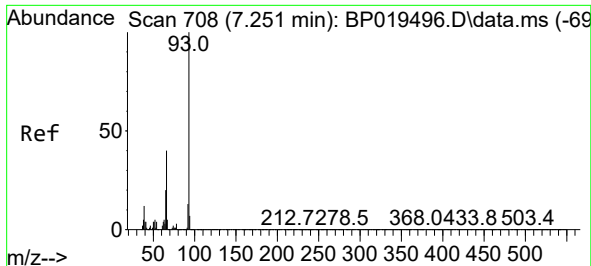
Tgt Ion:152 Resp: 78942
Ion Ratio Lower Upper
152 100
150 150.2 121.8 182.8
115 56.7 49.9 74.9



#5
2-Fluorophenol
Concen: 7.972 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion:112 Resp: 39040
Ion Ratio Lower Upper
112 100
64 57.3 47.4 71.0
63 32.9 27.0 40.6

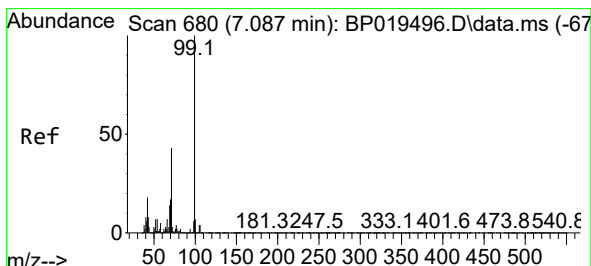
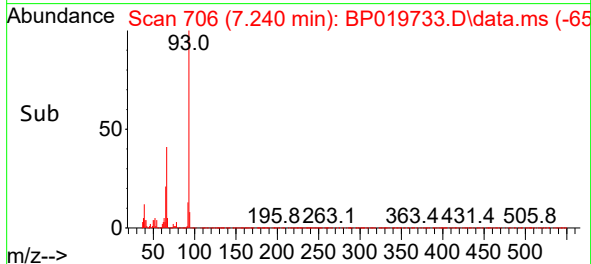
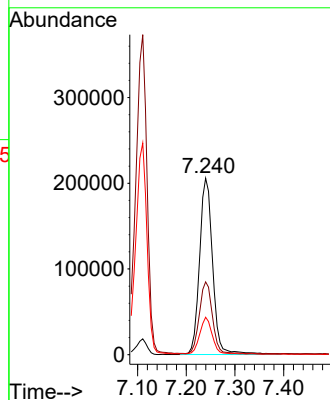
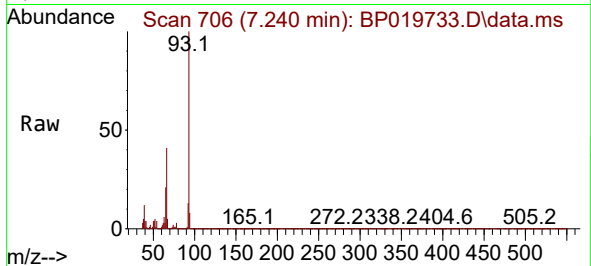




#6
Aniline
Concen: 60.541 ng
RT: 7.240 min Scan# 708
Delta R.T. -0.012 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

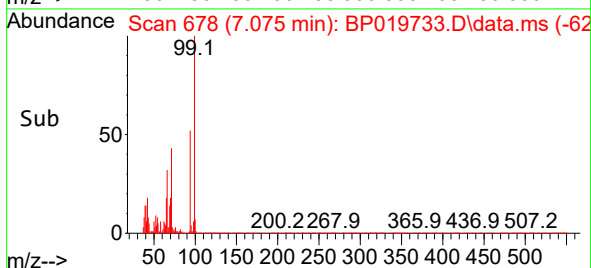
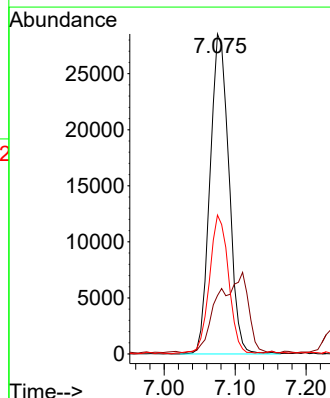
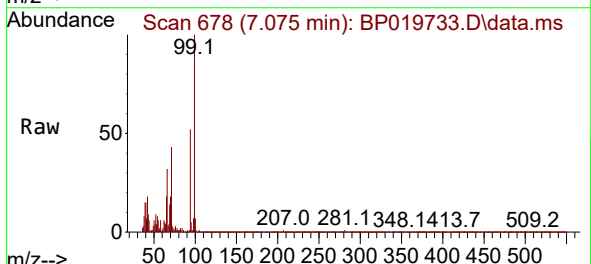
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL

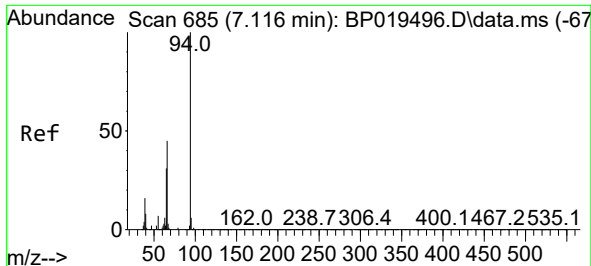
Tgt Ion: 93 Resp: 388459
Ion Ratio Lower Upper
93 100
66 41.3 32.3 48.5
65 21.2 16.4 24.6



#7
Phenol-d6
Concen: 7.983 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.012 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion: 99 Resp: 52714
Ion Ratio Lower Upper
99 100
42 18.3 14.7 22.1
71 43.4 34.8 52.2

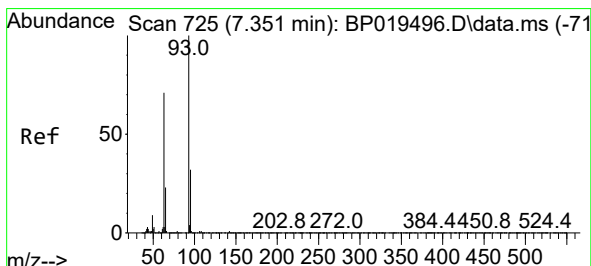
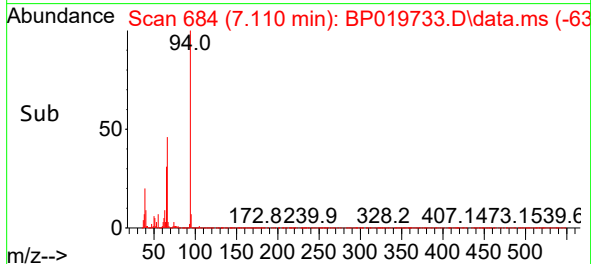
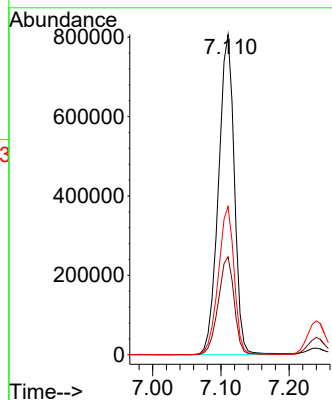
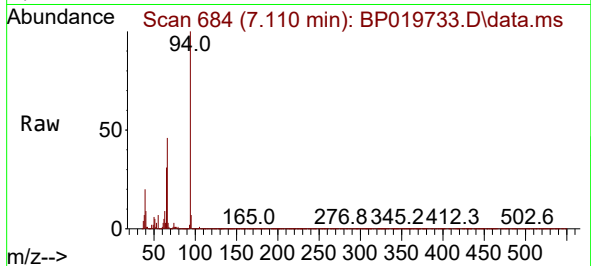




#10
Phenol
Concen: 198.322 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

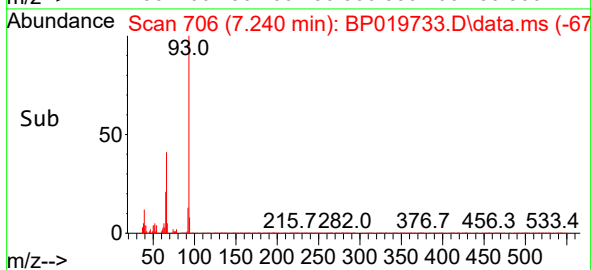
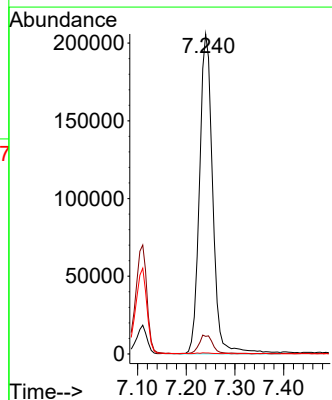
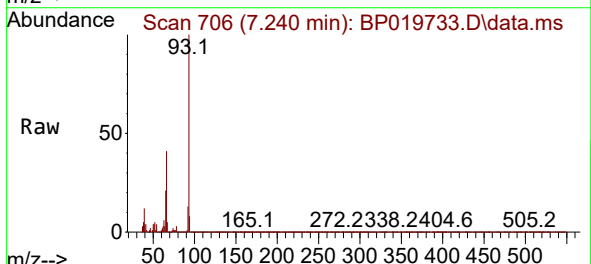
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL

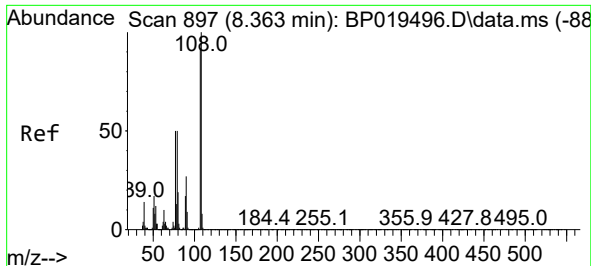
Tgt Ion: 94 Resp: 1305259
Ion Ratio Lower Upper
94 100
65 30.6 11.3 51.3
66 46.3 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 75.865 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.112 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion: 93 Resp: 388459
Ion Ratio Lower Upper
93 100
63 5.5 51.2 91.2#
95 0.3 11.8 51.8#

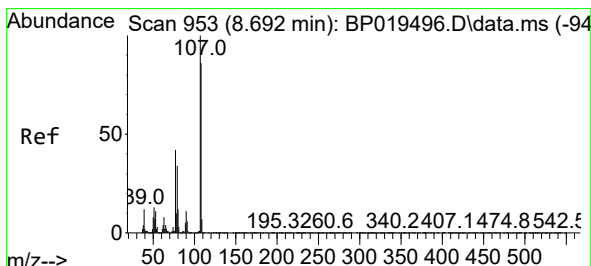
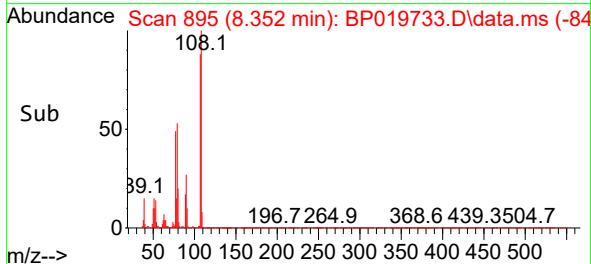
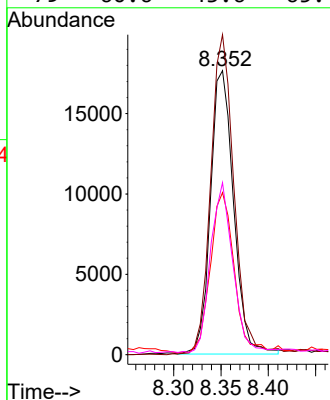
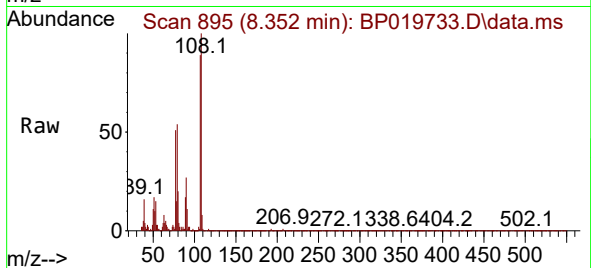




#17
2-Methylphenol
Concen: 6.773 ng
RT: 8.352 min Scan# 897
Delta R.T. -0.012 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

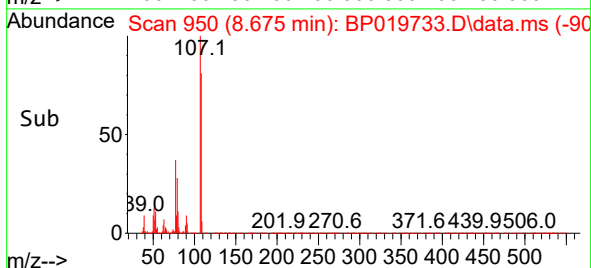
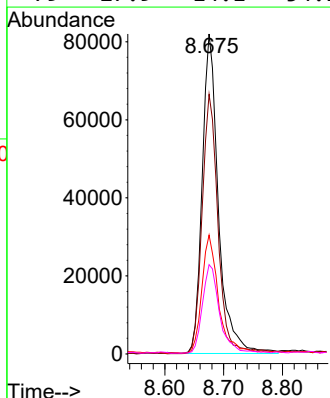
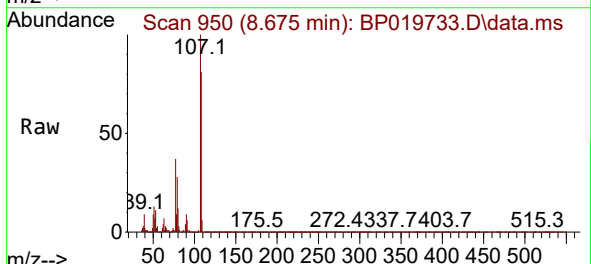
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL

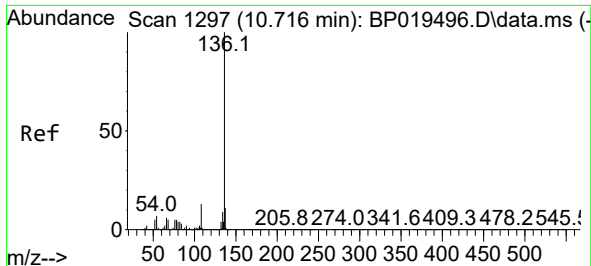
Tgt Ion:	107	Resp:	30009
Ion	Ratio	Lower	Upper
107	100		
108	112.7	87.0	130.6
77	57.1	43.5	65.3
79	60.6	43.6	65.4



#20
3+4-Methylphenols
Concen: 26.038 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.017 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion:	107	Resp:	157457
Ion	Ratio	Lower	Upper
107	100		
108	81.1	65.5	105.5
77	37.1	21.8	61.8
79	27.9	14.1	54.1

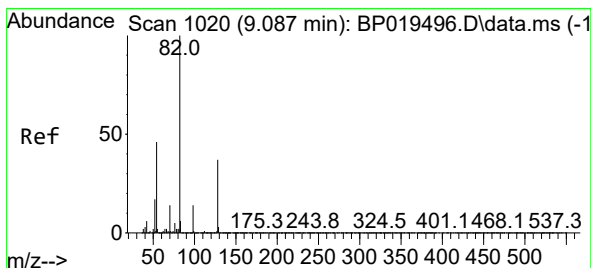
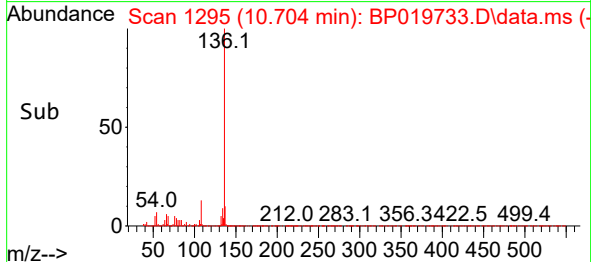
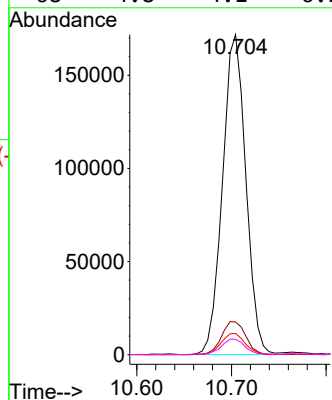
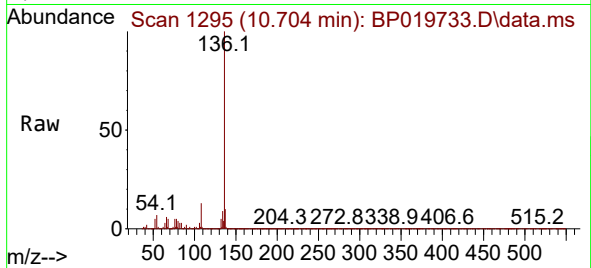




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

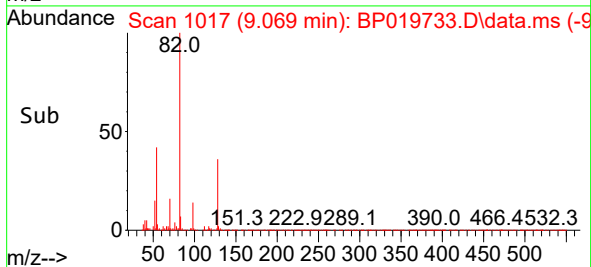
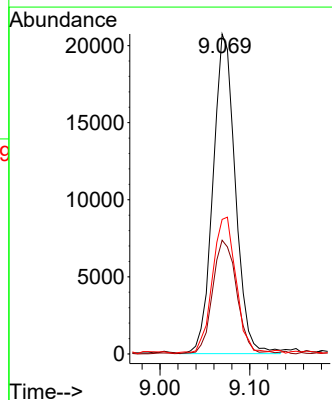
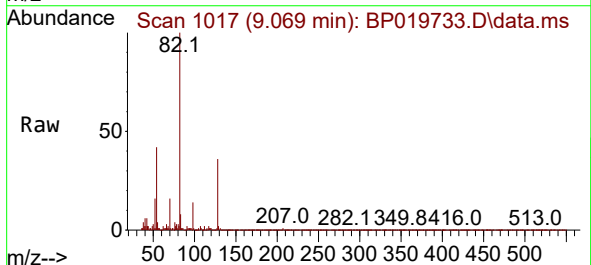
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B-3(10-12)DL

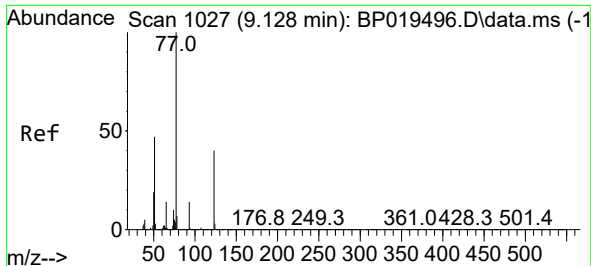
Tgt Ion:	136	Resp:	293644
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.8	13.2
54	6.6	5.3	7.9
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 5.296 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion:	82	Resp:	35890
Ion Ratio	Lower	Upper	
82	100		
128	35.6	29.7	44.5
54	42.0	36.8	55.2

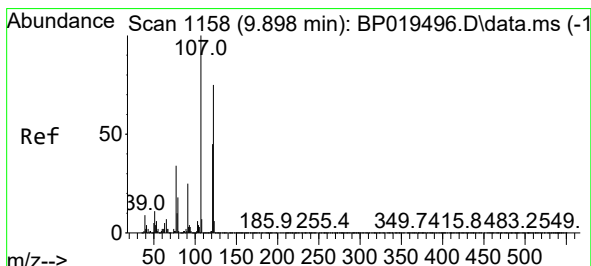
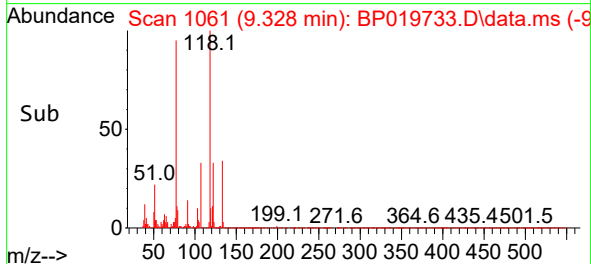
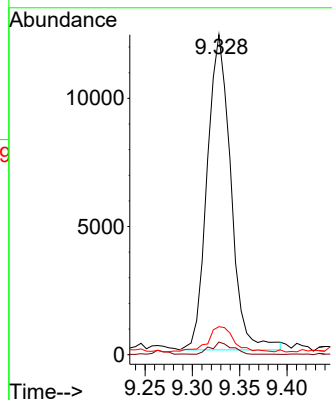
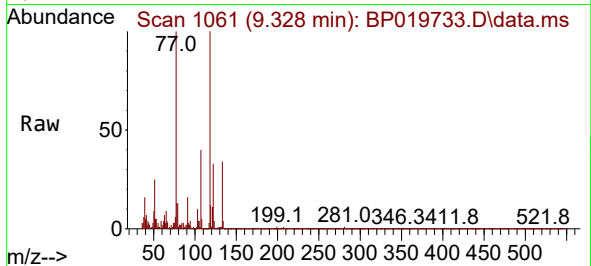




#24
Nitrobenzene
Concen: 3.136 ng
RT: 9.328 min Scan# 1061
Delta R.T. 0.200 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

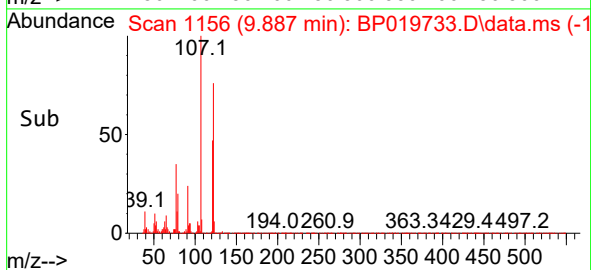
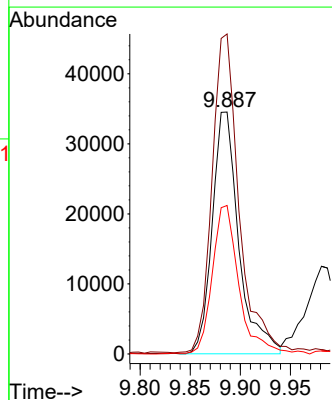
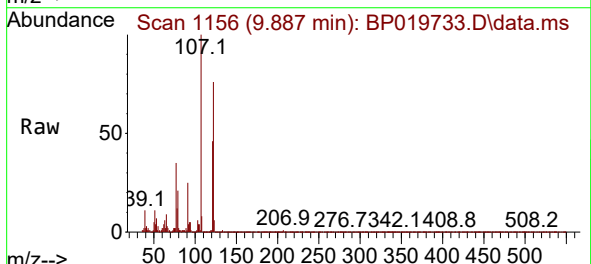
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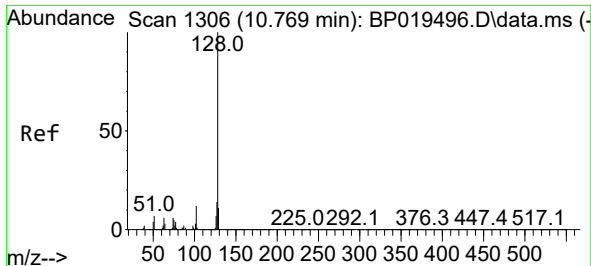
Tgt Ion: 77 Resp: 21400
Ion Ratio Lower Upper
77 100
123 4.0 32.3 48.5#
65 8.8 11.6 17.4#



#27
2,4-Dimethylphenol
Concen: 19.133 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion: 122 Resp: 63650
Ion Ratio Lower Upper
122 100
107 132.3 105.9 158.9
121 61.4 47.5 71.3

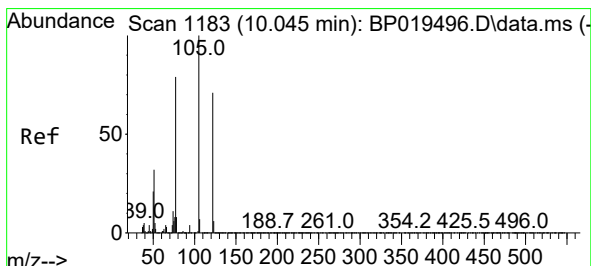
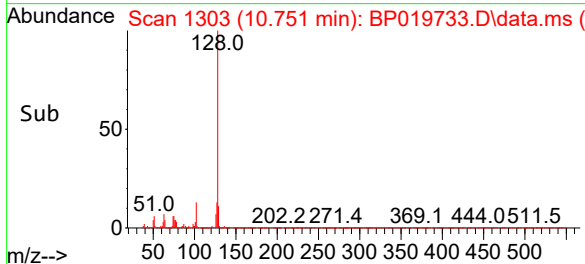
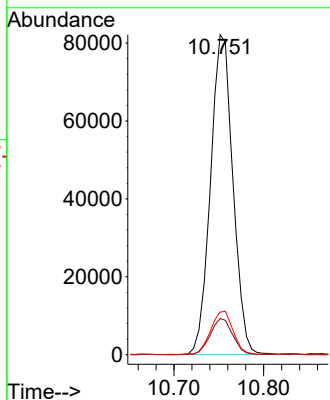
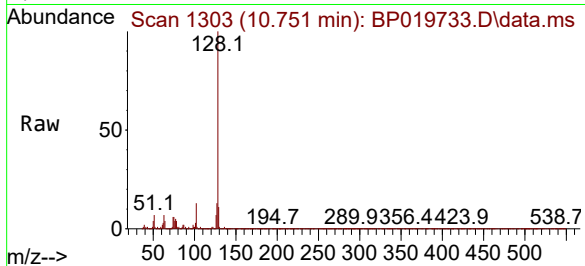




#31
Naphthalene
Concen: 8.849 ng
RT: 10.751 min Scan# 1117
Delta R.T. -0.017 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

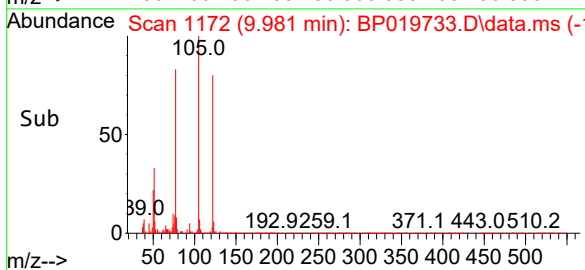
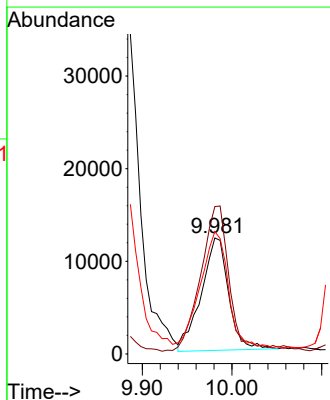
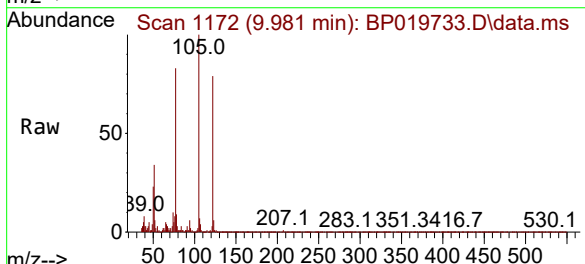
Instrument :
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ClientSampleId :
B-3(10-12)DL

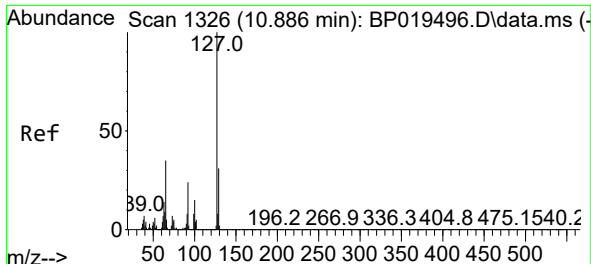
Tgt Ion:128 Resp: 142506
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 7.930 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.064 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion:122 Resp: 25701
Ion Ratio Lower Upper
122 100
105 127.1 118.8 158.8
77 105.6 91.7 131.7

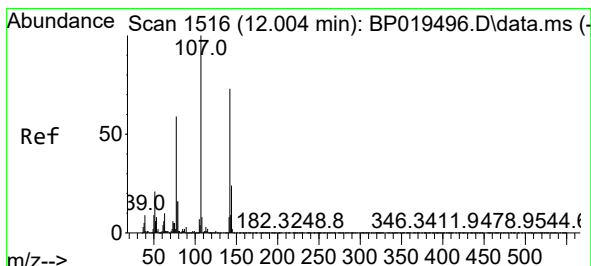
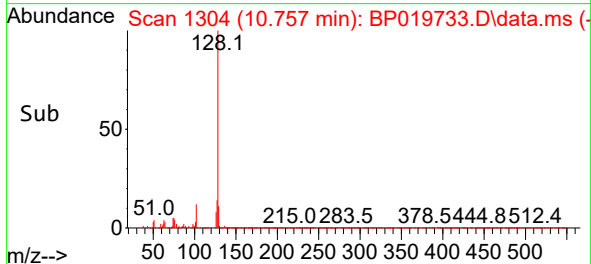
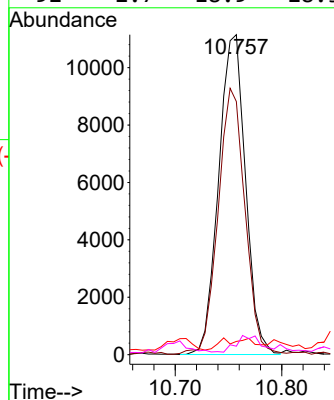
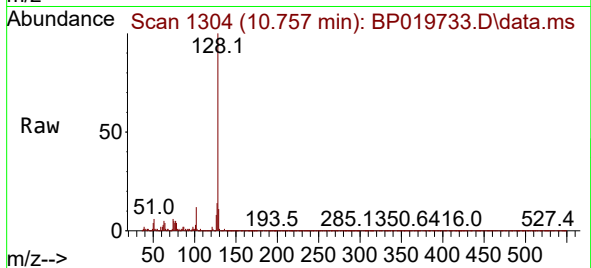




#33
4-Chloroaniline
Concen: 3.271 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.129 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

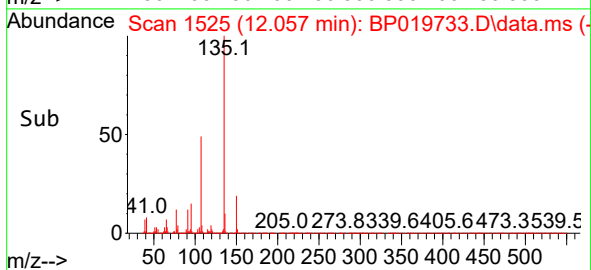
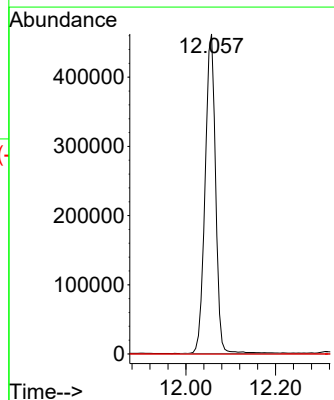
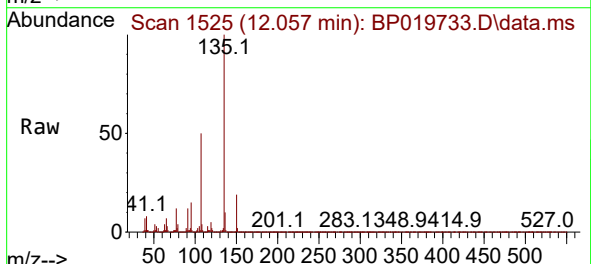
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL

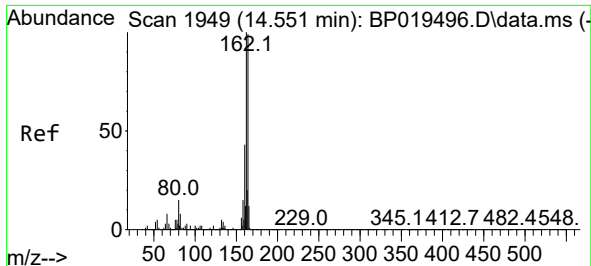
Tgt Ion:	127	Resp:	19483
Ion	Ratio	Lower	Upper
127	100		
129	79.1	24.6	36.8#
65	4.1	28.2	42.4#
92	2.7	18.9	28.3#



#36
4-Chloro-3-methylphenol
Concen: 136.560 ng
RT: 12.057 min Scan# 1525
Delta R.T. 0.053 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion:	107	Resp:	748796
Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.0	28.4#
142	0.0	58.6	88.0#

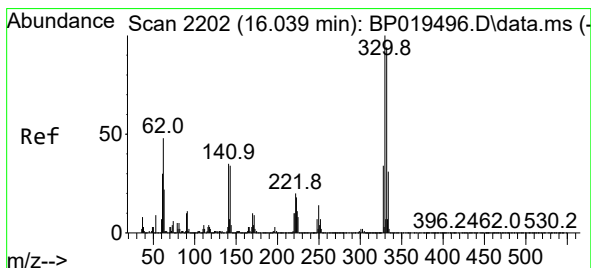
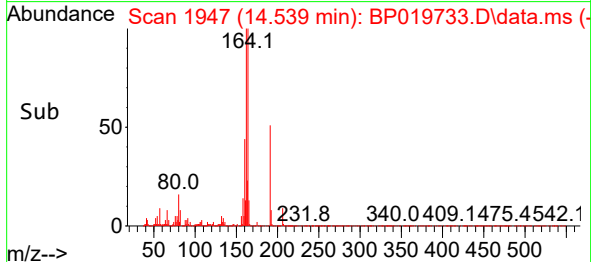
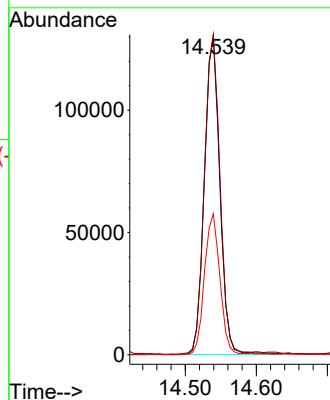
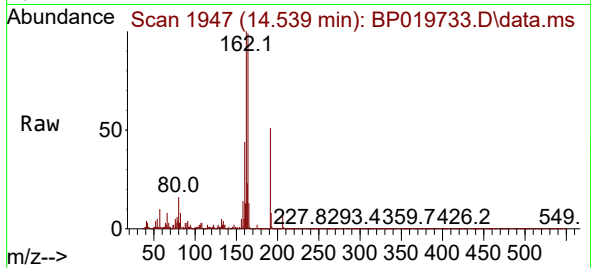




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

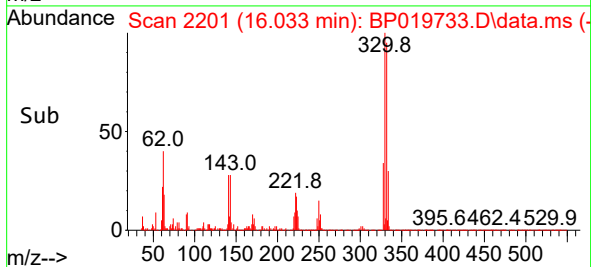
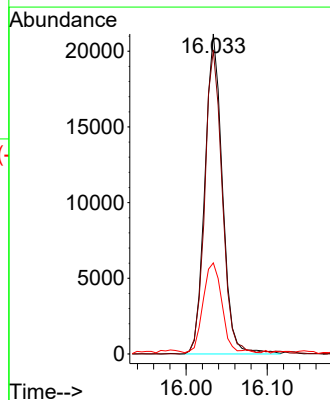
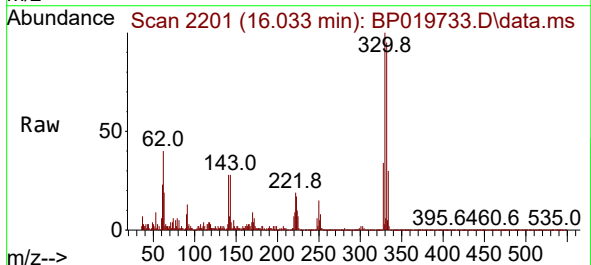
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL

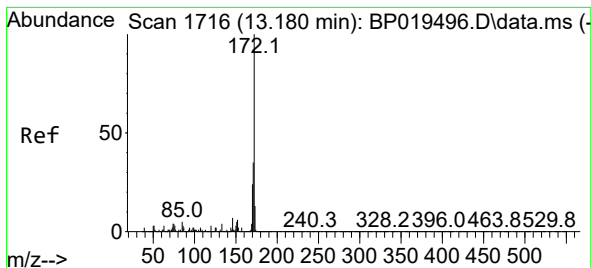
Tgt Ion:164 Resp: 197278
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 44.3 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 10.974 ng
RT: 16.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019733.D
Acq: 15 Feb 2024 20:52

Tgt Ion:330 Resp: 31610
Ion Ratio Lower Upper
330 100
332 94.7 77.2 115.8
141 30.4 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 5.287 ng

RT: 13.163 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP019733.D

Acq: 15 Feb 2024 20:52

Instrument :

BNA_P

ClientSampleId :

B-3(10-12)DL

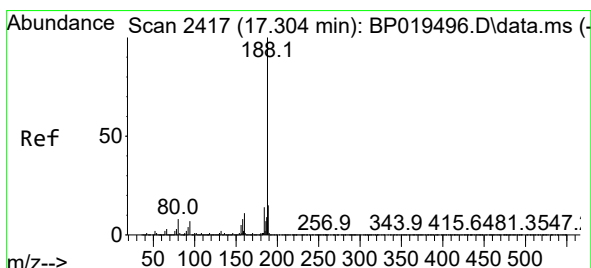
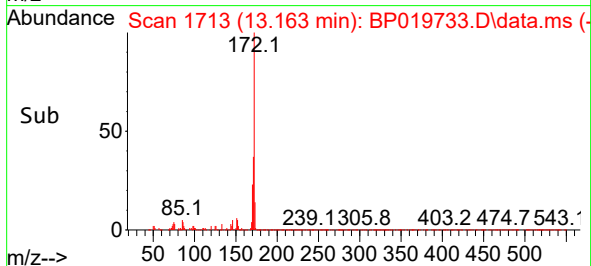
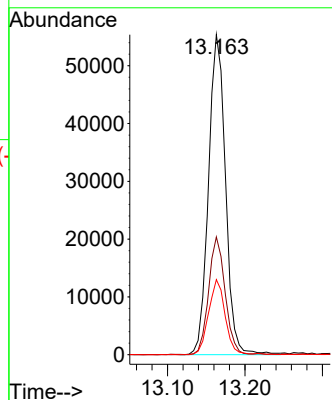
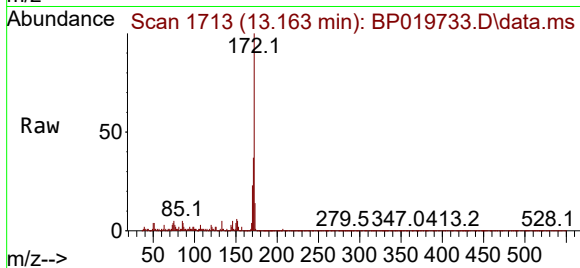
Tgt Ion:172 Resp: 84377

Ion Ratio Lower Upper

172 100

171 36.8 28.2 42.4

170 23.5 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019733.D

Acq: 15 Feb 2024 20:52

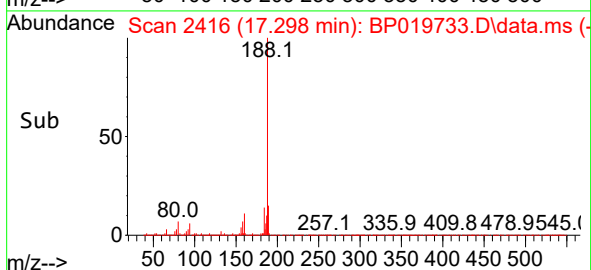
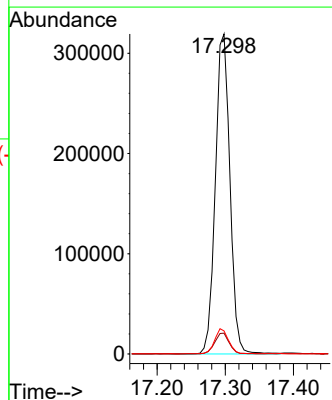
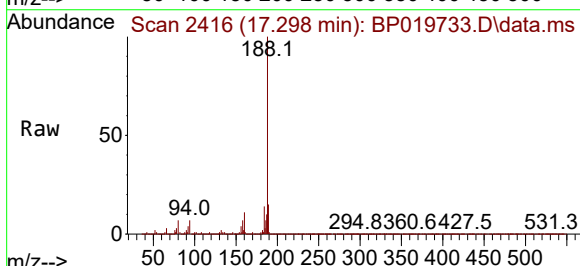
Tgt Ion:188 Resp: 474708

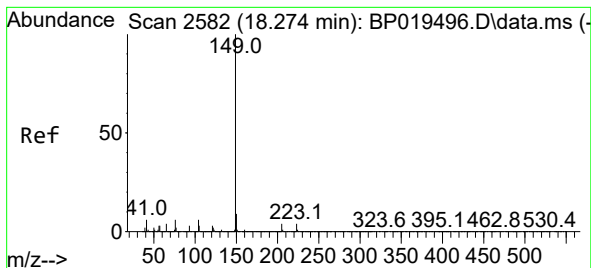
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.2 6.3 9.5





#74

Di-n-butylphthalate

Concen: 27.799 ng

RT: 18.263 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019733.D

Acq: 15 Feb 2024 20:52

Instrument :

BNA_P

ClientSampleId :

B-3(10-12)DL

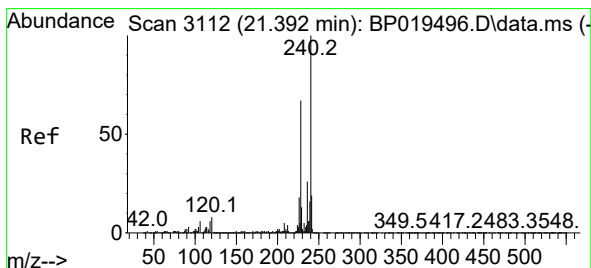
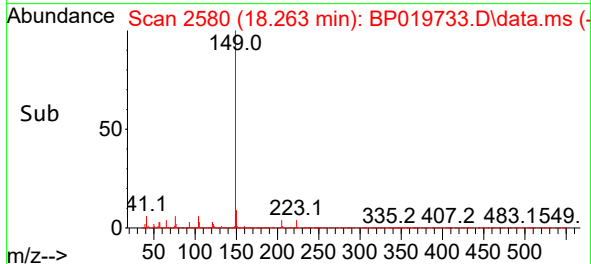
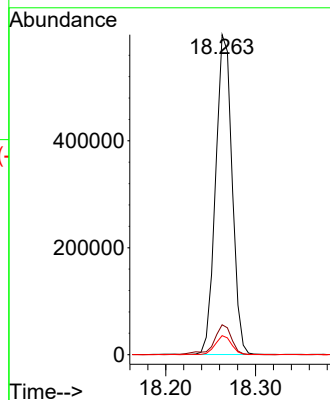
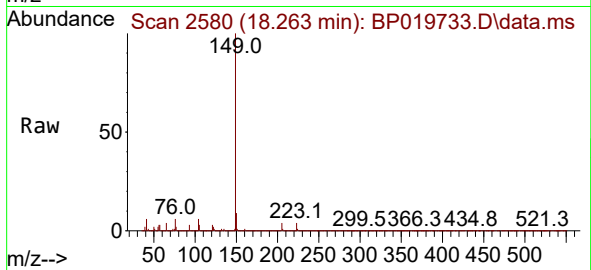
Tgt Ion:149 Resp: 760972

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: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019733.D

Acq: 15 Feb 2024 20:52

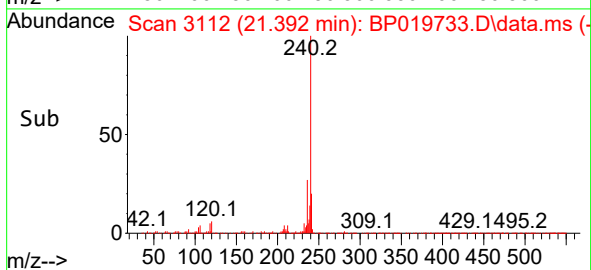
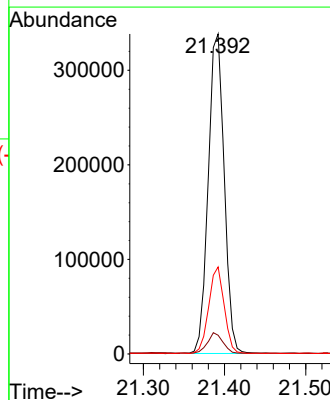
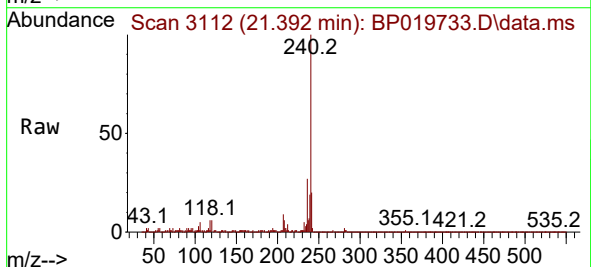
Tgt Ion:240 Resp: 460808

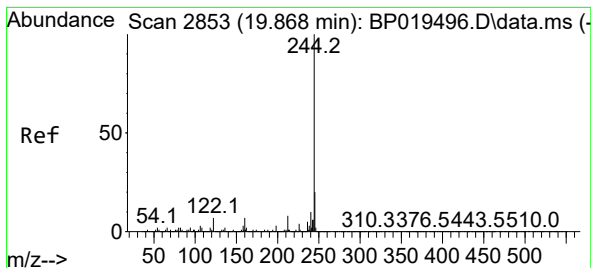
Ion Ratio Lower Upper

240 100

120 5.9 6.1 9.1#

236 27.2 20.7 31.1





#79

Terphenyl-d14

Concen: 5.824 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019733.D

Acq: 15 Feb 2024 20:52

Instrument :

BNA_P

ClientSampleId :

B-3(10-12)DL

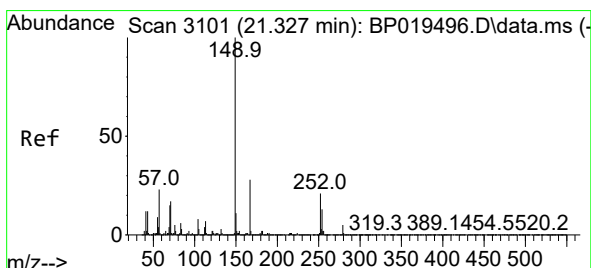
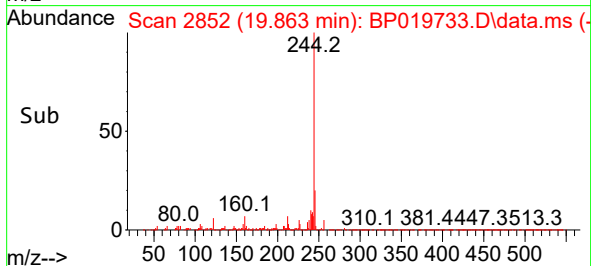
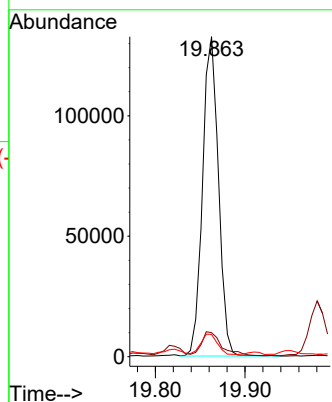
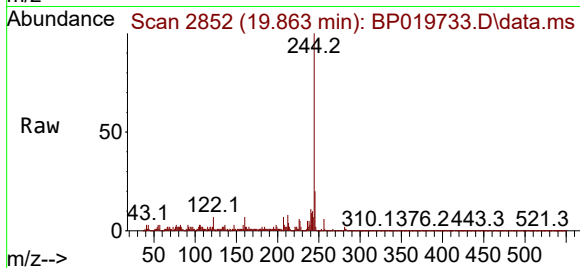
Tgt Ion:244 Resp: 163185

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 6.9 5.9 8.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.803 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BP019733.D

Acq: 15 Feb 2024 20:52

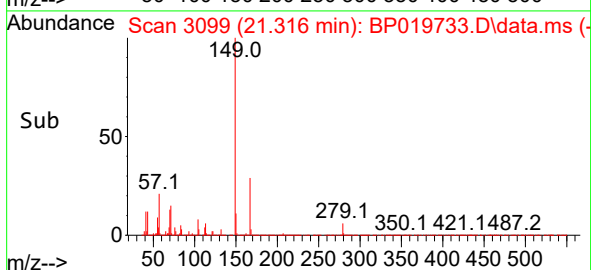
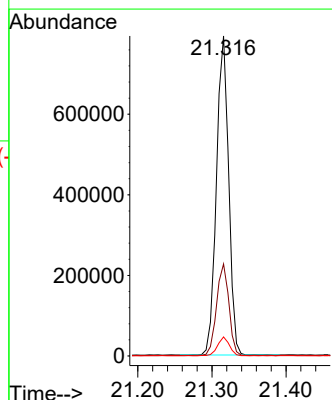
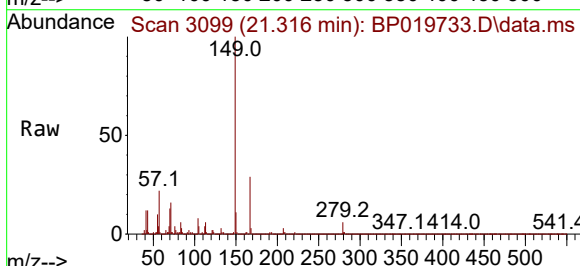
Tgt Ion:149 Resp: 902562

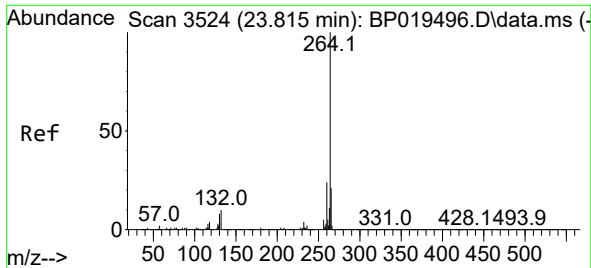
Ion Ratio Lower Upper

149 100

167 28.8 22.7 34.1

279 5.9 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP019733.D
 Acq: 15 Feb 2024 20:52

Instrument :
 BNA_P
 ClientSampleId :
 B-3(10-12)DL

Tgt Ion:264 Resp: 536286
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 17.0 25.4

