

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019754.D
 Acq On : 16 Feb 2024 20:22
 Operator : MA/JU
 Sample : P1395-02DL2 50X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-3(10-12)DL2

Quant Time: Feb 19 00:28:33 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)

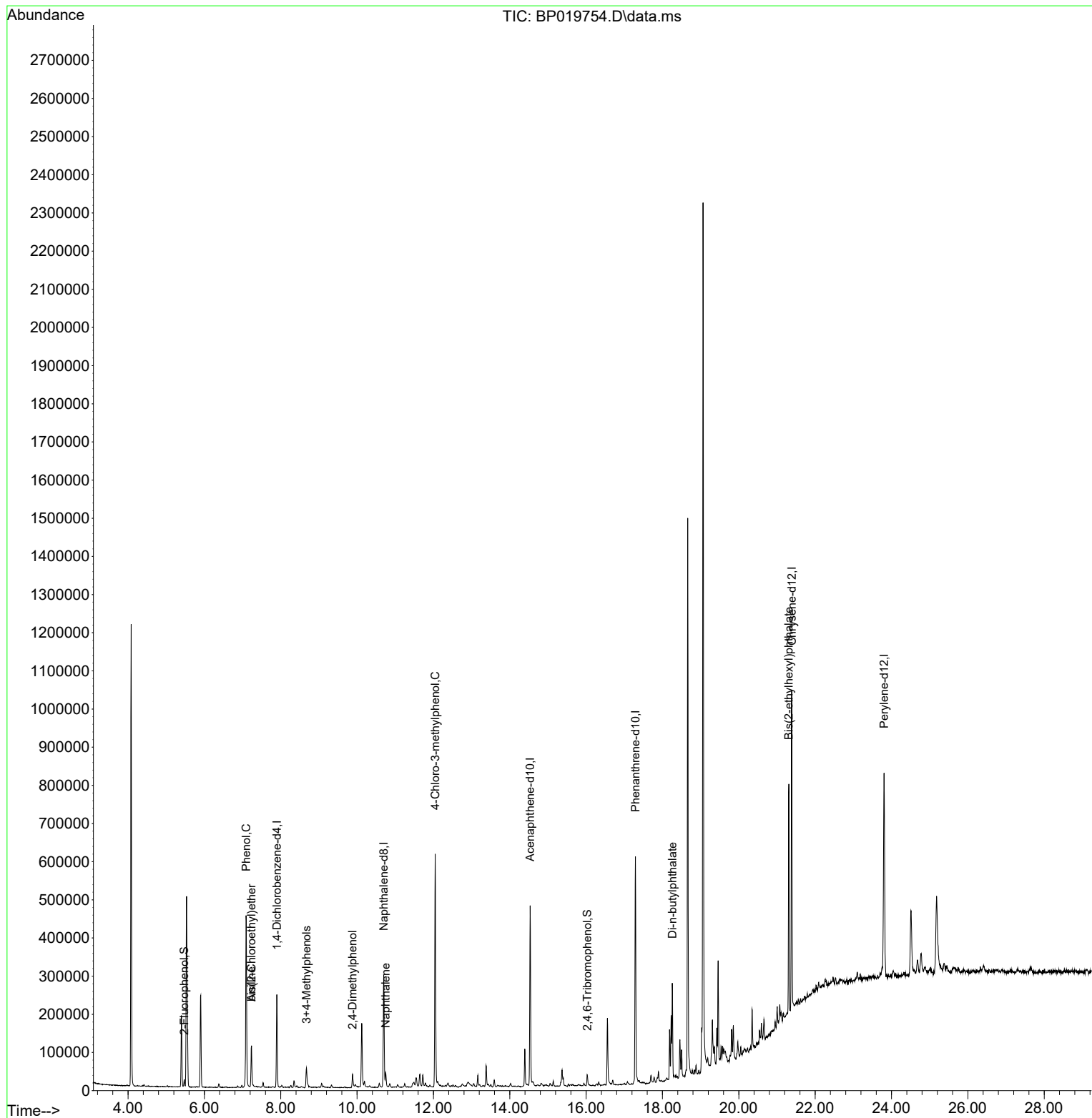
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	65310	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	235071	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	160731	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	394543	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	422840	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	469387	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	8237	2.033	ng	-0.01
7) Phenol-d6	7.069	99	10451	1.913	ng	-0.02
23) Nitrobenzene-d5	9.075	82	6480	1.194	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	6209	2.646	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	17649	1.357	ng	-0.02
79) Terphenyl-d14	19.857	244	36581	1.423	ng	-0.01
Target Compounds						
						Qvalue
6) Aniline	7.234	93	74622	14.057	ng	99
10) Phenol	7.093	94	257848	47.355	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	74622	17.615	ng	# 28
20) 3+4-Methylphenols	8.675	107	28522	5.701	ng	94
27) 2,4-Dimethylphenol	9.881	122	11375	4.271	ng	97
31) Naphthalene	10.752	128	29725	2.306	ng	98
36) 4-Chloro-3-methylphenol	12.046	107	156883	35.740	ng	# 22
74) Di-n-butylphthalate	18.257	149	171046	7.518	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	223292	13.158	ng	98

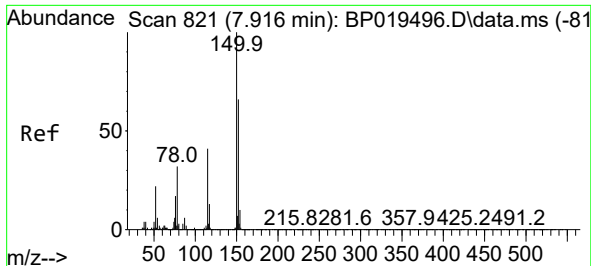
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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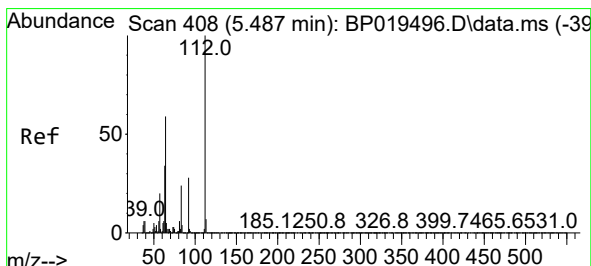
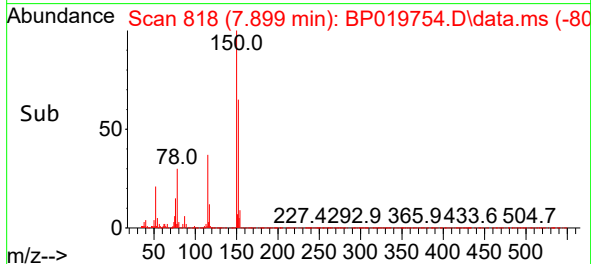
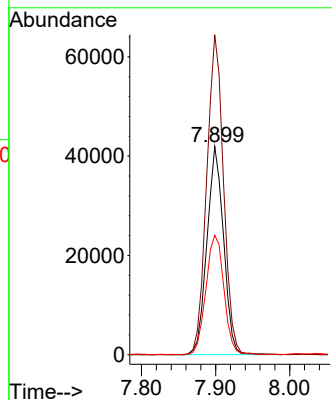
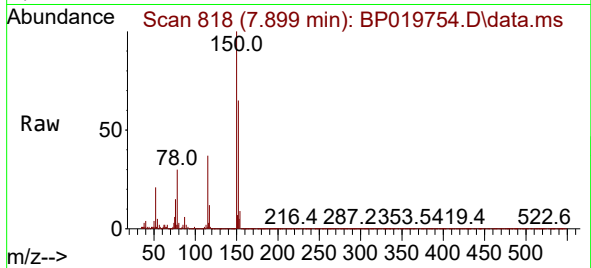




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

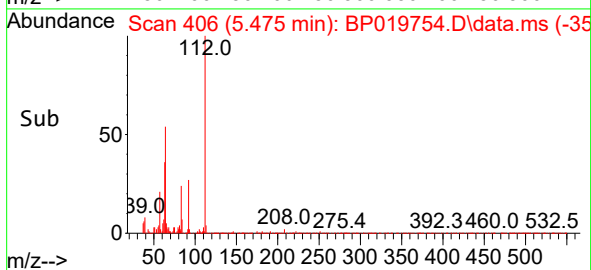
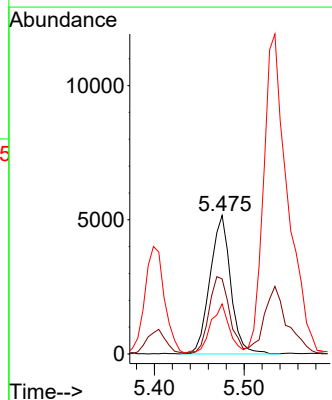
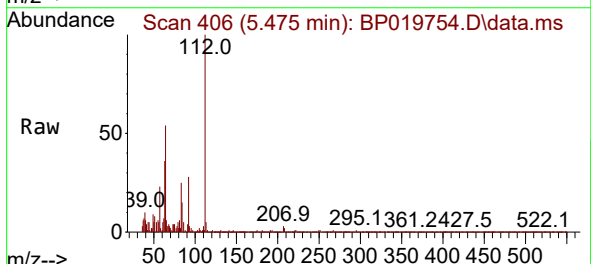
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL2

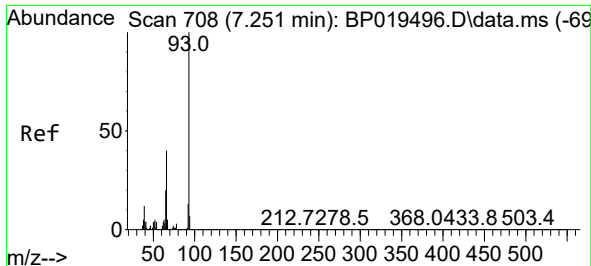
Tgt Ion:152 Resp: 65310
Ion Ratio Lower Upper
152 100
150 153.7 121.8 182.8
115 57.4 49.9 74.9



#5
2-Fluorophenol
Concen: 2.033 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

Tgt Ion:112 Resp: 8237
Ion Ratio Lower Upper
112 100
64 54.1 47.4 71.0
63 36.1 27.0 40.6

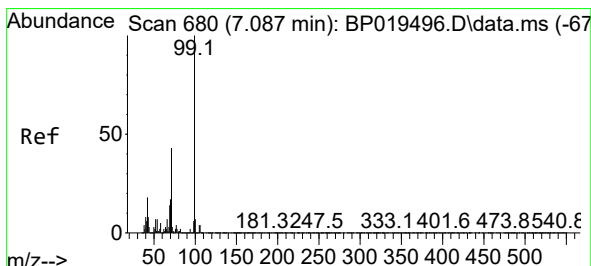
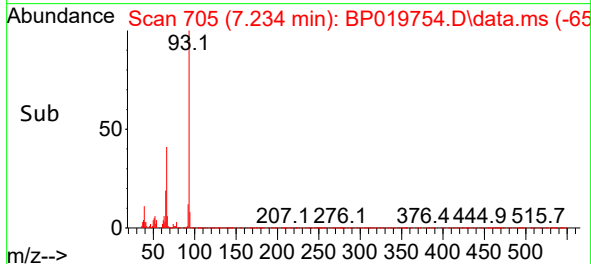
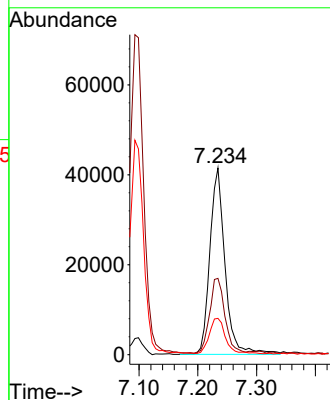
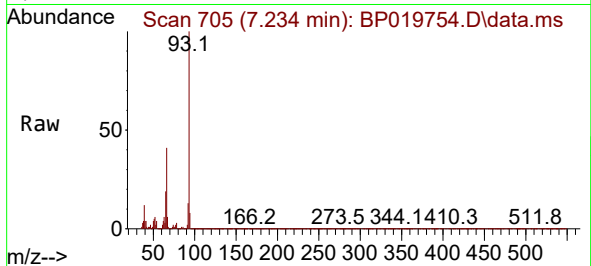




#6
Aniline
Concen: 14.057 ng
RT: 7.234 min Scan# 708
Delta R.T. -0.017 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

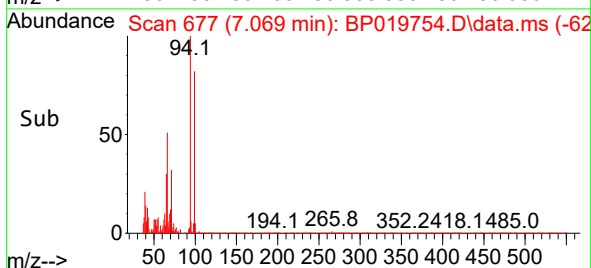
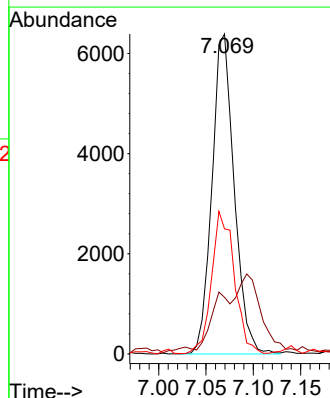
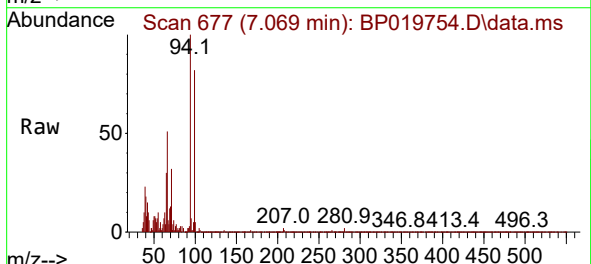
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL2

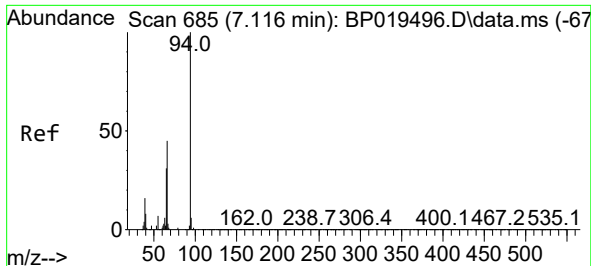
Tgt Ion: 93 Resp: 74622
Ion Ratio Lower Upper
93 100
66 40.9 32.3 48.5
65 19.4 16.4 24.6



#7
Phenol-d6
Concen: 1.913 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.017 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

Tgt Ion: 99 Resp: 10451
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 39.1 34.8 52.2

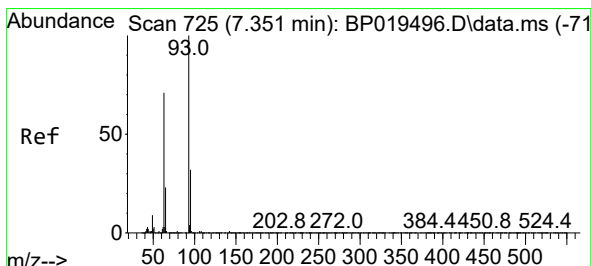
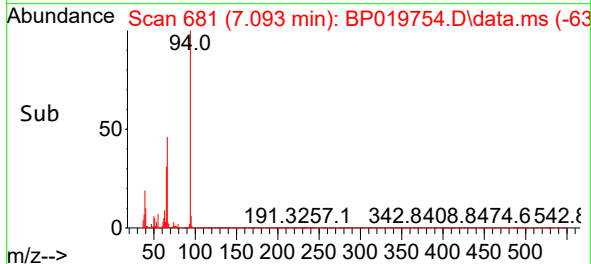
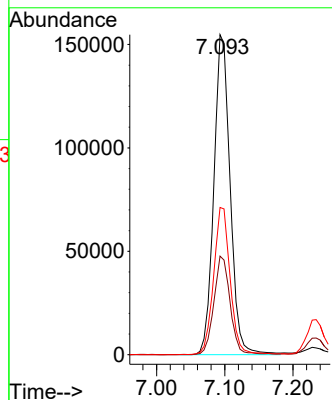
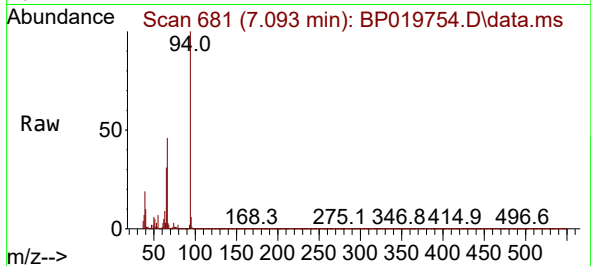




#10
Phenol
Concen: 47.355 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.023 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

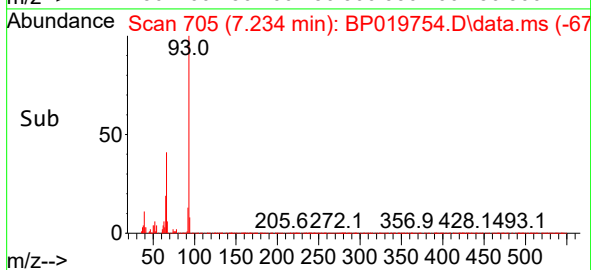
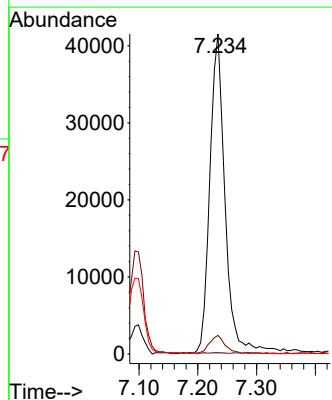
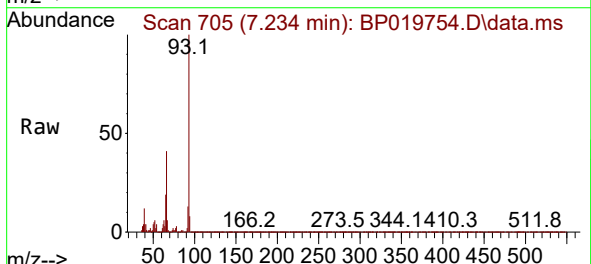
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL2

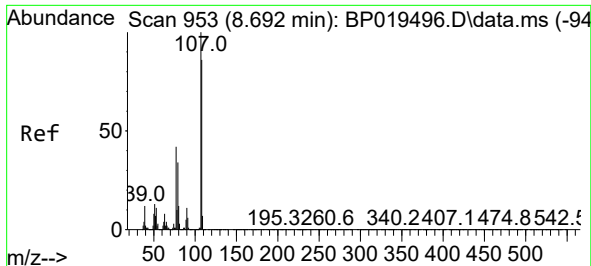
Tgt Ion: 94 Resp: 257848
Ion Ratio Lower Upper
94 100
65 30.8 11.3 51.3
66 46.0 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 17.615 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.117 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

Tgt Ion: 93 Resp: 74622
Ion Ratio Lower Upper
93 100
63 5.8 51.2 91.2#
95 0.4 11.8 51.8#

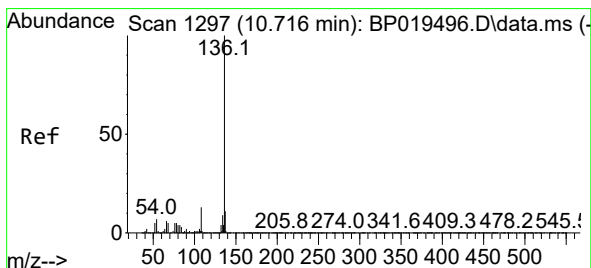
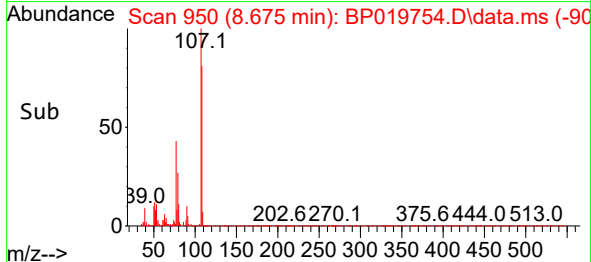
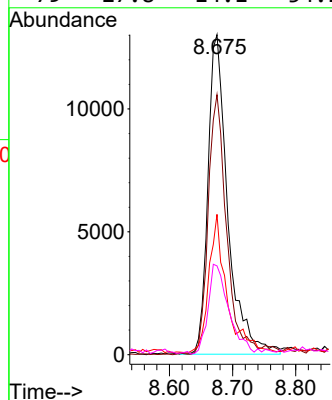
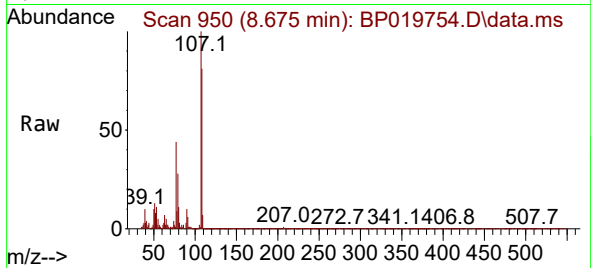




#20
3+4-Methylphenols
Concen: 5.701 ng
RT: 8.675 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

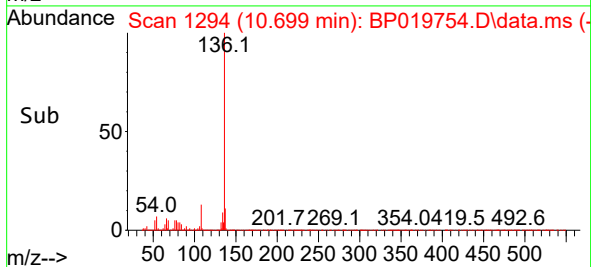
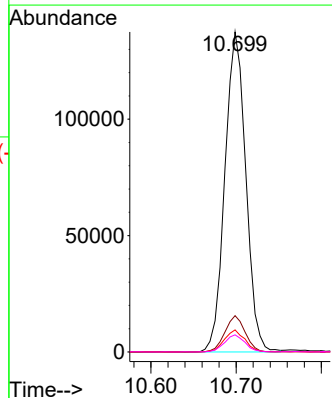
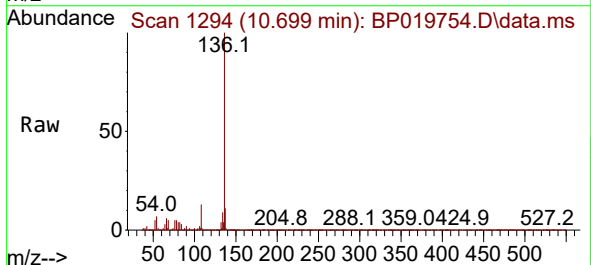
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL2

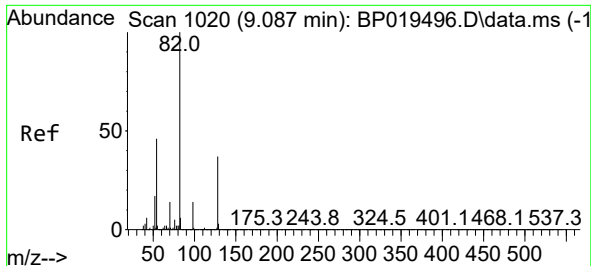
Tgt Ion:	107	Resp:	28522
Ion	Ratio	Lower	Upper
107	100		
108	81.2	65.5	105.5
77	43.8	21.8	61.8
79	27.8	14.1	54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

Tgt Ion:	136	Resp:	235071
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.9	5.3	7.9
68	5.4	4.1	6.1





#23

Nitrobenzene-d5

Concen: 1.194 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.011 min

Lab File: BP019754.D

Acq: 16 Feb 2024 20:22

Instrument :

BNA_P

ClientSampleId :

B-3(10-12)DL2

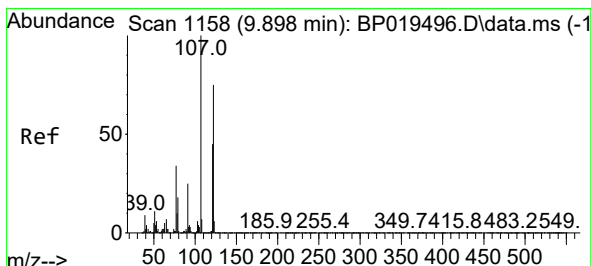
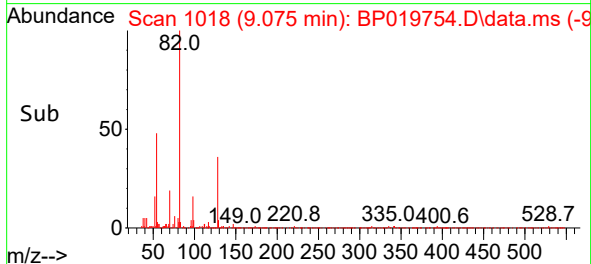
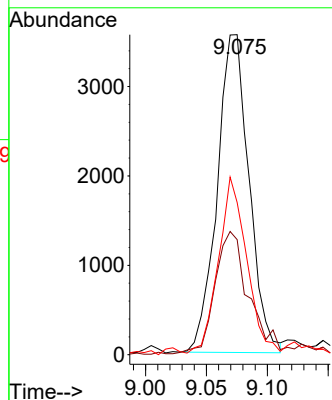
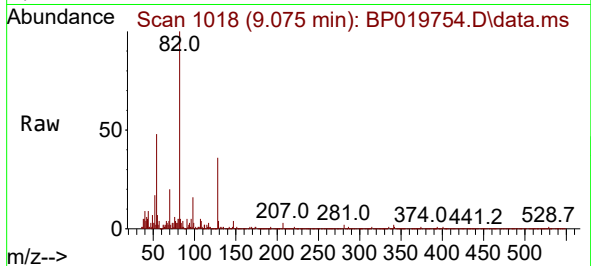
Tgt Ion: 82 Resp: 6480

Ion Ratio Lower Upper

82 100

128 36.0 29.7 44.5

54 47.6 36.8 55.2



#27

2,4-Dimethylphenol

Concen: 4.271 ng

RT: 9.881 min Scan# 1155

Delta R.T. -0.017 min

Lab File: BP019754.D

Acq: 16 Feb 2024 20:22

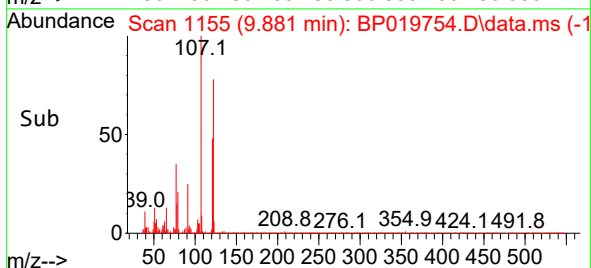
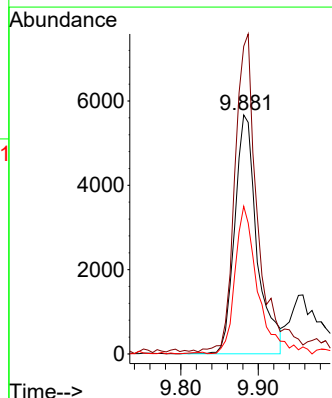
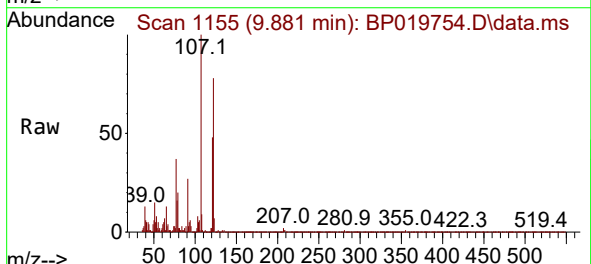
Tgt Ion: 122 Resp: 11375

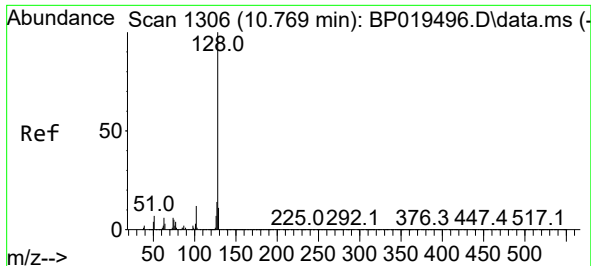
Ion Ratio Lower Upper

122 100

107 128.7 105.9 158.9

121 61.8 47.5 71.3

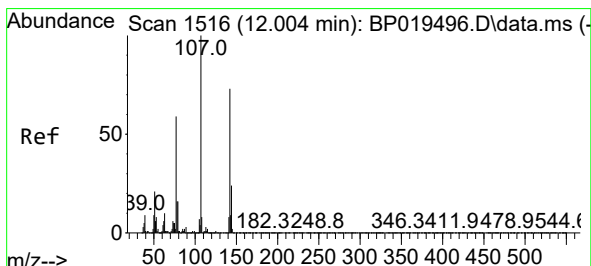
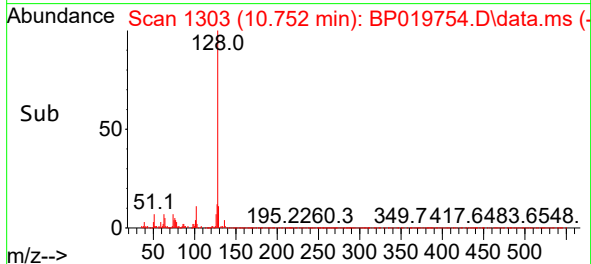
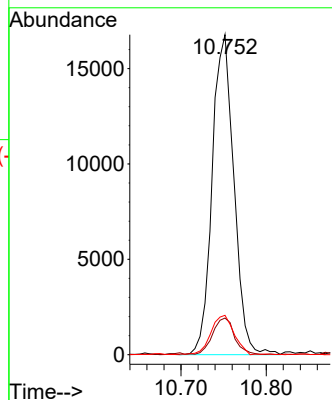
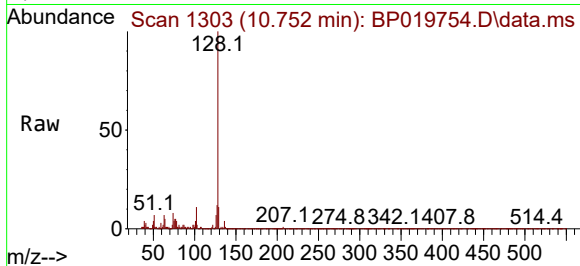




#31
Naphthalene
Concen: 2.306 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

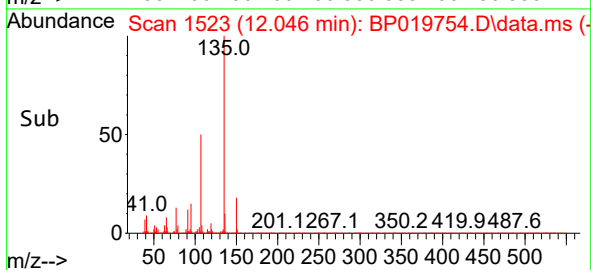
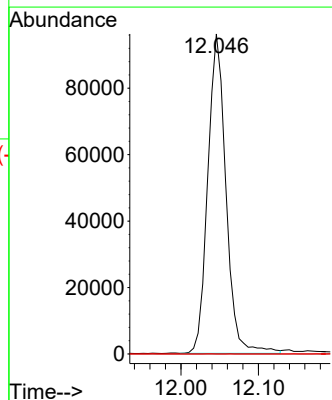
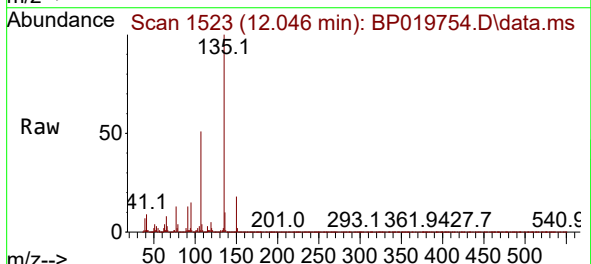
Instrument :
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ClientSampleId :
B-3(10-12)DL2

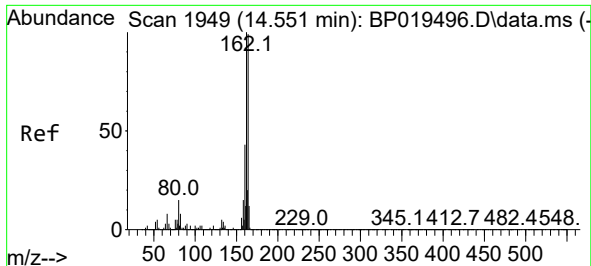
Tgt Ion:128 Resp: 29725
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.3 10.8 16.2



#36
4-Chloro-3-methylphenol
Concen: 35.740 ng
RT: 12.046 min Scan# 1523
Delta R.T. 0.042 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

Tgt Ion:107 Resp: 156883
Ion Ratio Lower Upper
107 100
144 0.0 19.0 28.4#
142 0.0 58.6 88.0#

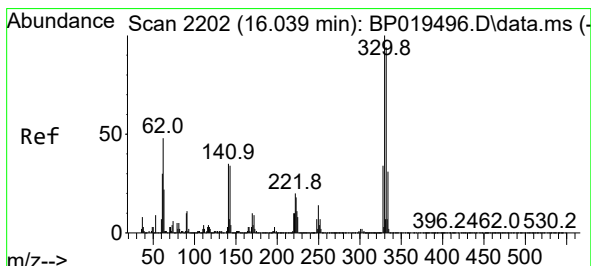
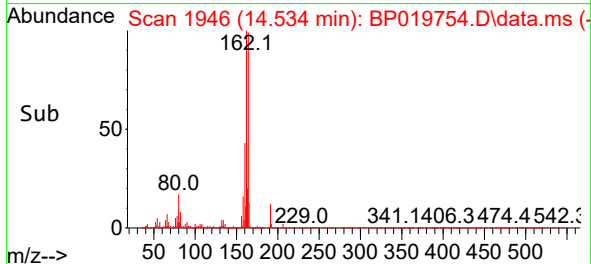
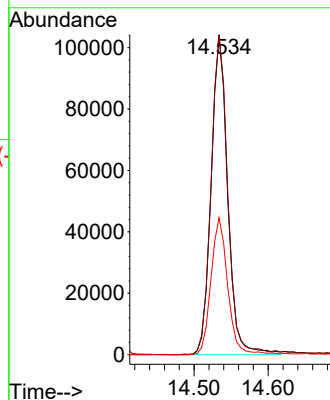
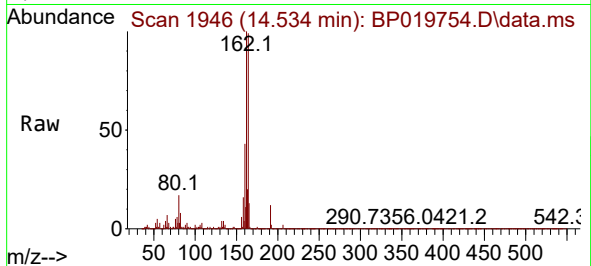




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

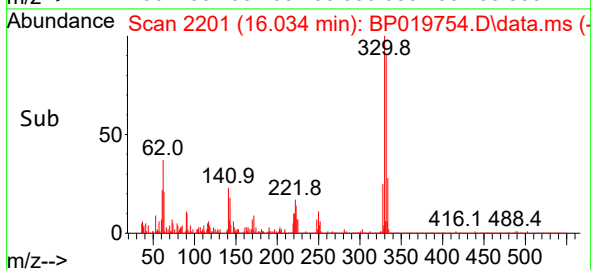
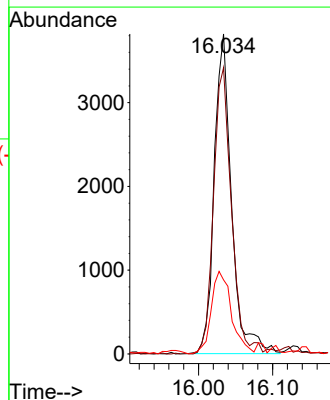
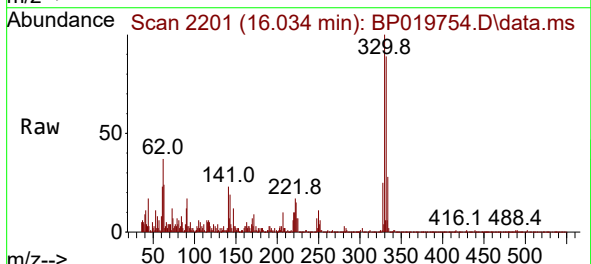
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL2

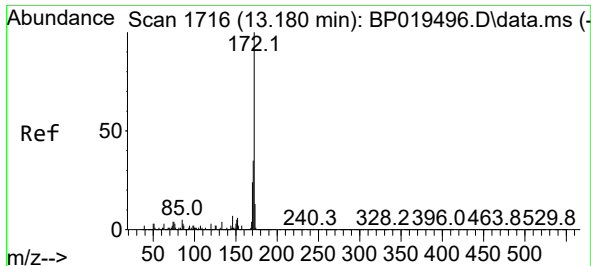
Tgt Ion:164 Resp: 160731
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 43.0 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 2.646 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.005 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

Tgt Ion:330 Resp: 6209
Ion Ratio Lower Upper
330 100
332 92.0 77.2 115.8
141 30.1 27.0 40.4

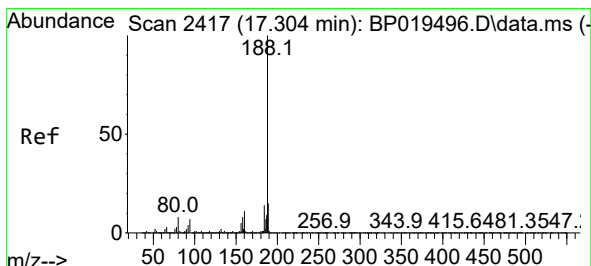
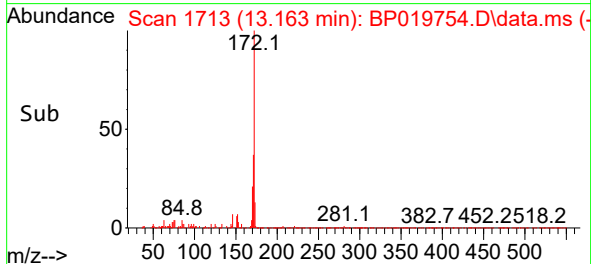
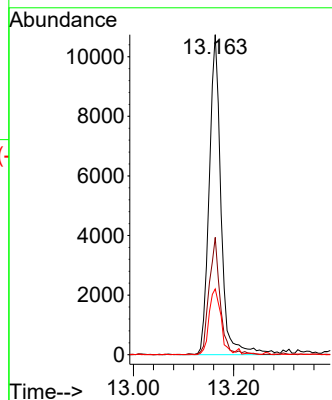
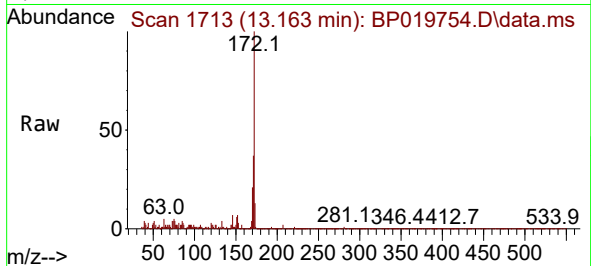




#45
2-Fluorobiphenyl
Concen: 1.357 ng
RT: 13.163 min Scan# 1716
Delta R.T. -0.017 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

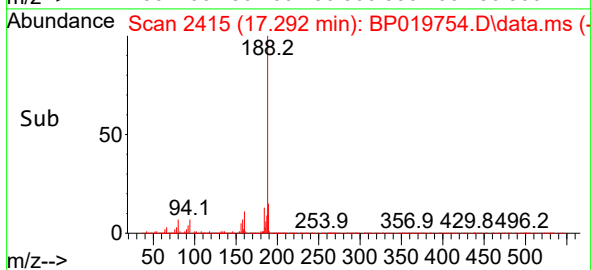
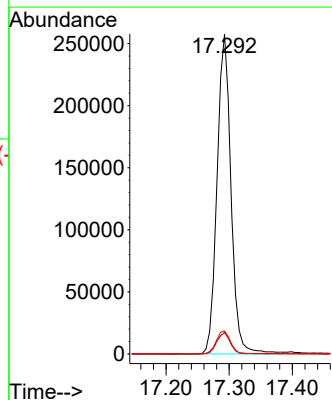
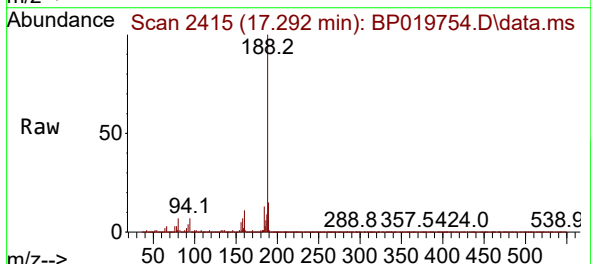
Instrument :
BNA_P
ClientSampleId :
B-3(10-12)DL2

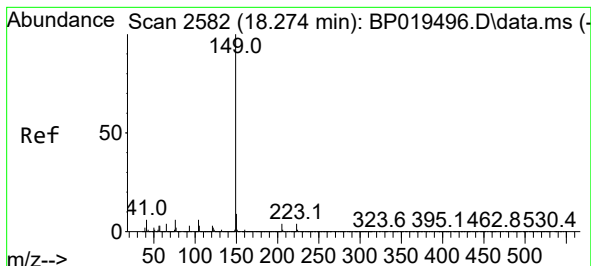
Tgt Ion:172	Resp:	17649
Ion Ratio	Lower	Upper
172	100	
171	36.7	28.2 42.4
170	20.6	18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019754.D
Acq: 16 Feb 2024 20:22

Tgt Ion:188	Resp:	394543
Ion Ratio	Lower	Upper
188	100	
94	6.7	5.4 8.2
80	7.2	6.3 9.5





#74

Di-n-butylphthalate

Concen: 7.518 ng

RT: 18.257 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP019754.D

Acq: 16 Feb 2024 20:22

Instrument :

BNA_P

ClientSampleId :

B-3(10-12)DL2

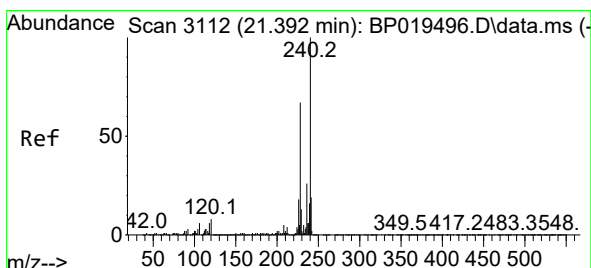
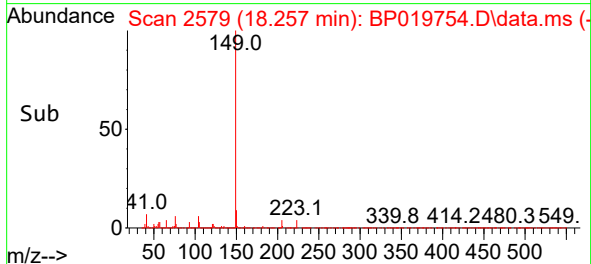
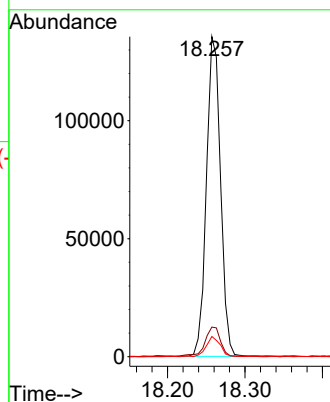
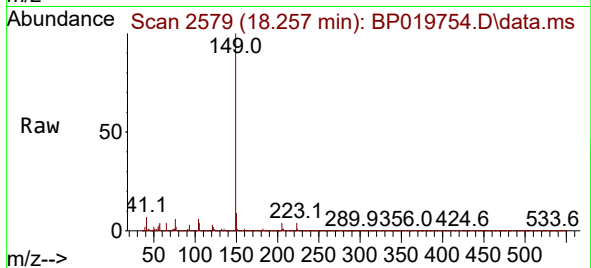
Tgt Ion:149 Resp: 171046

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.3 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.005 min

Lab File: BP019754.D

Acq: 16 Feb 2024 20:22

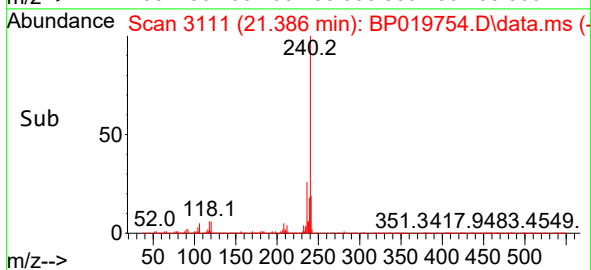
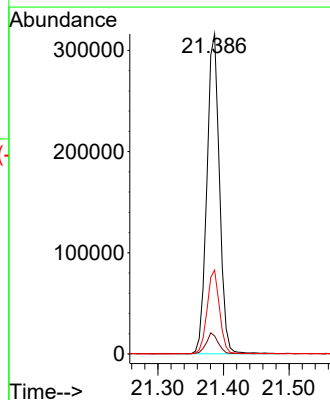
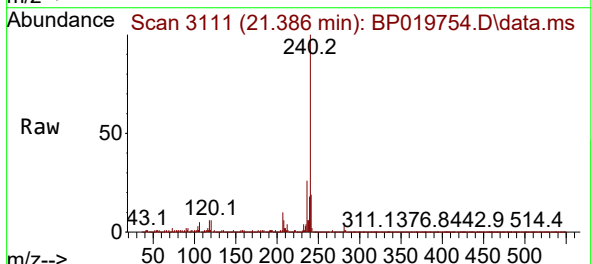
Tgt Ion:240 Resp: 422840

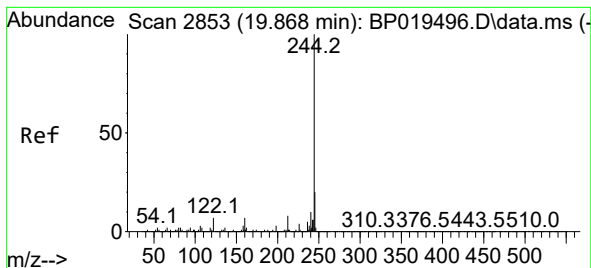
Ion Ratio Lower Upper

240 100

120 5.7 6.1 9.1#

236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 1.423 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019754.D

Acq: 16 Feb 2024 20:22

Instrument :

BNA_P

ClientSampleId :

B-3(10-12)DL2

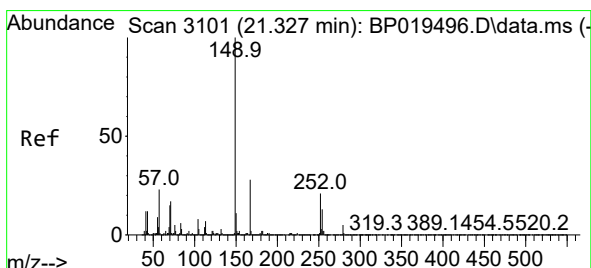
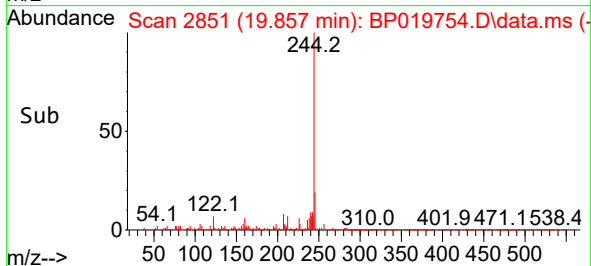
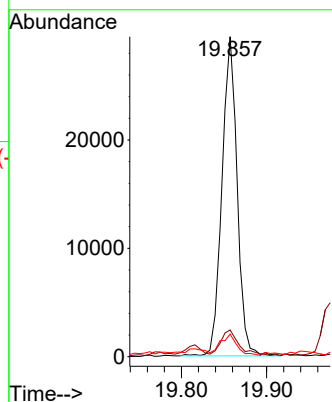
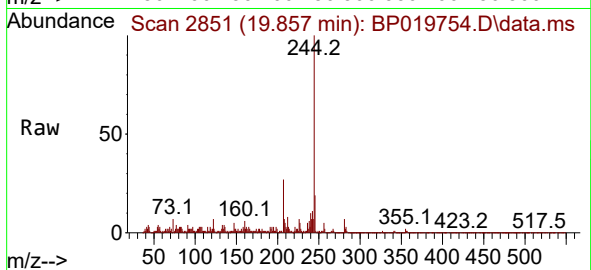
Tgt Ion:244 Resp: 36581

Ion Ratio Lower Upper

244 100

212 8.3 6.1 9.1

122 7.1 5.9 8.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.158 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019754.D

Acq: 16 Feb 2024 20:22

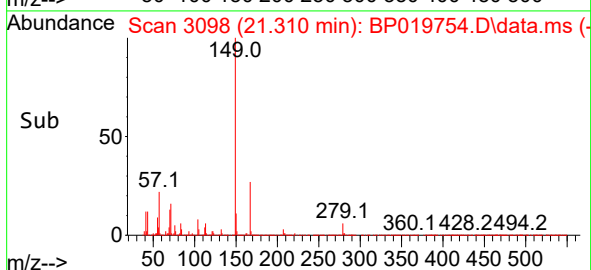
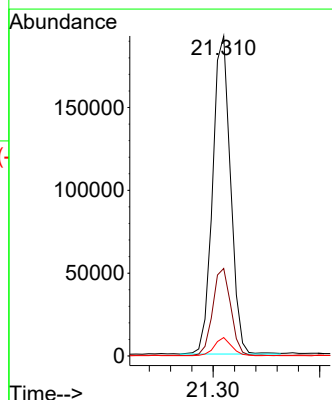
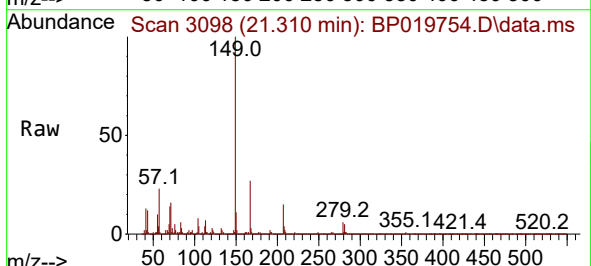
Tgt Ion:149 Resp: 223292

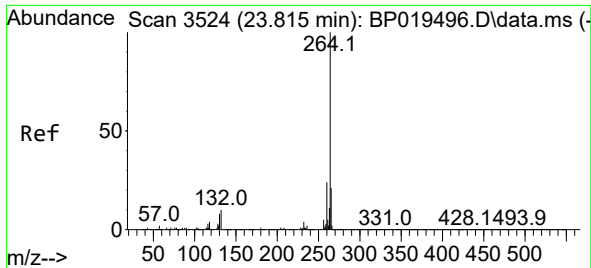
Ion Ratio Lower Upper

149 100

167 27.4 22.7 34.1

279 5.8 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: BP019754.D
 Acq: 16 Feb 2024 20:22

Instrument :
 BNA_P
 ClientSampleId :
 B-3(10-12)DL2

Tgt Ion:264 Resp: 469387
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.3 17.0 25.4

