

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019751.D
 Acq On : 16 Feb 2024 18:40
 Operator : MA/JU
 Sample : P1395-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-4(4-6)DL

Quant Time: Feb 19 00:27:34 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)

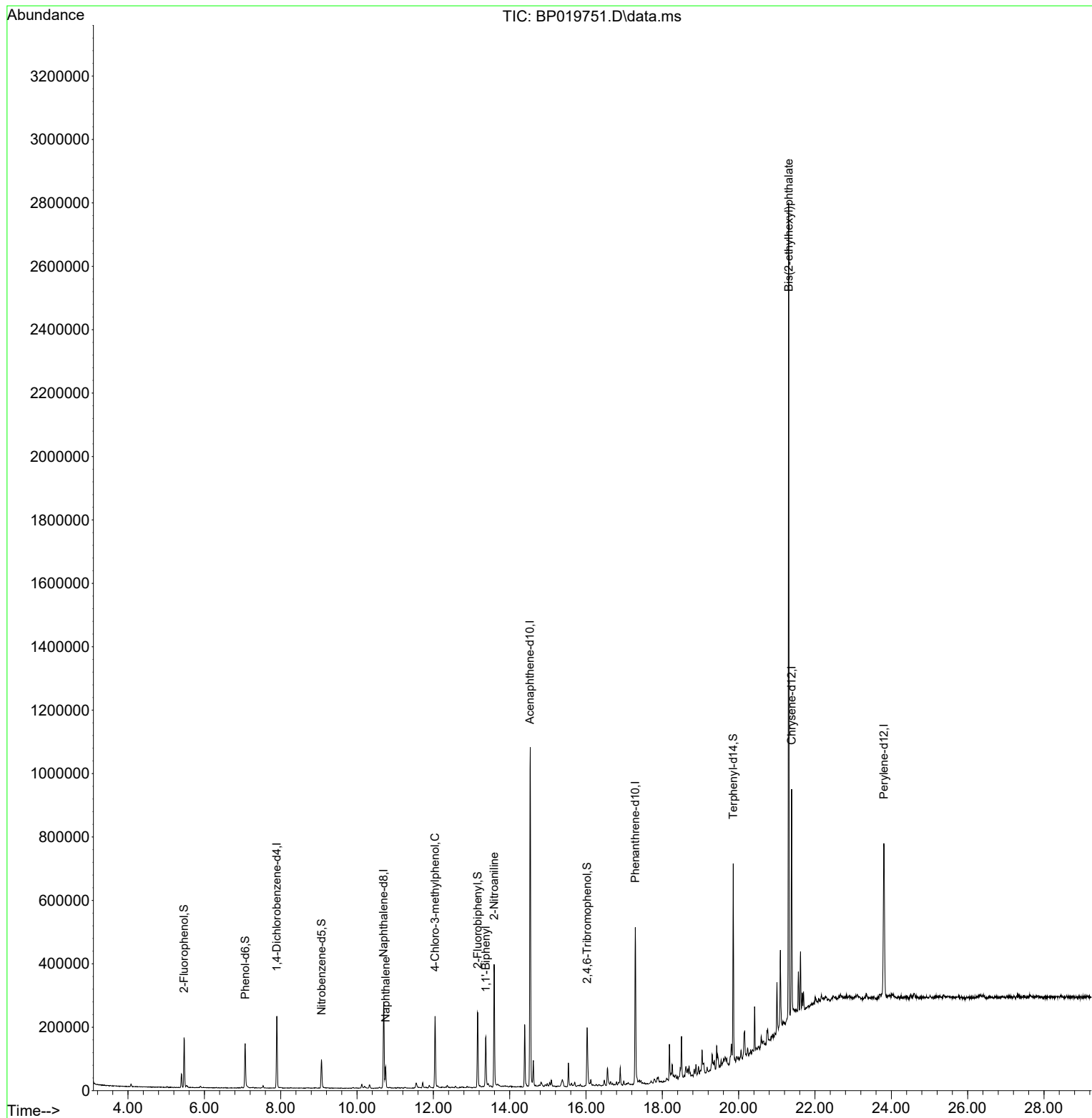
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	62074	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	221425	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	145841	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	338089	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	383636	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	450878	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	66231	17.199	ng	-0.02
7) Phenol-d6	7.069	99	81892	15.771	ng	-0.02
23) Nitrobenzene-d5	9.069	82	57462	11.245	ng	-0.02
42) 2,4,6-Tribromophenol	16.028	330	46699	21.931	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	137015	11.614	ng	-0.02
79) Terphenyl-d14	19.857	244	293027	12.561	ng	-0.01
Target Compounds						
31) Naphthalene	10.752	128	53200	4.381	ng	Qvalue 97
36) 4-Chloro-3-methylphenol	12.046	107	59755	14.452	ng	# 22
46) 1,1'-Biphenyl	13.375	154	77621	6.668	ng	98
48) 2-Nitroaniline	13.593	65	14175	5.305	ng	# 9
84) Bis(2-ethylhexyl)phtha...	21.310	149	910866	59.159	ng	99

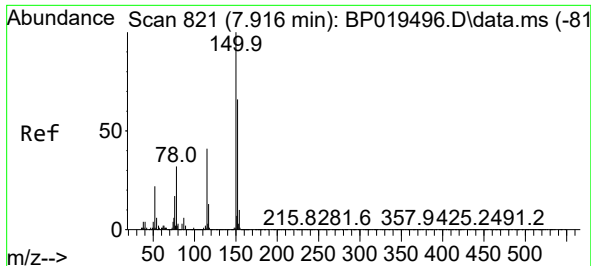
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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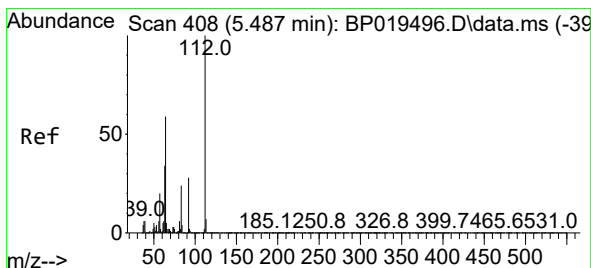
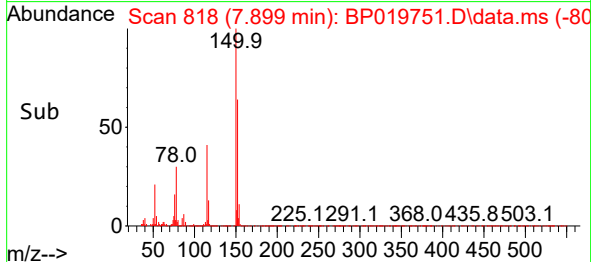
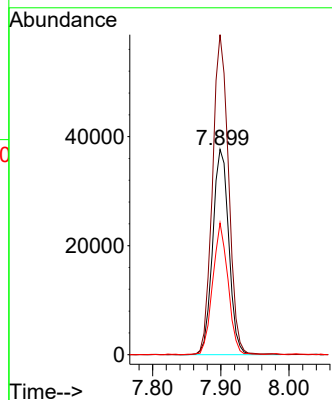
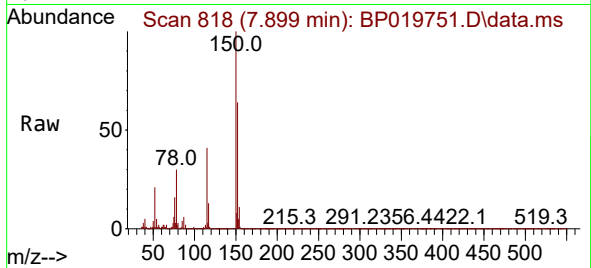




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

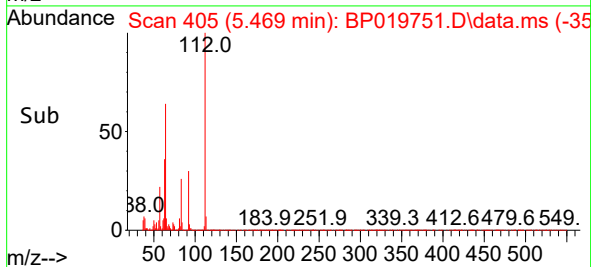
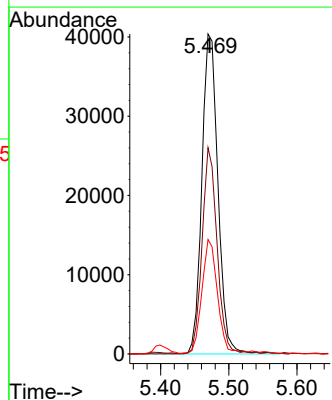
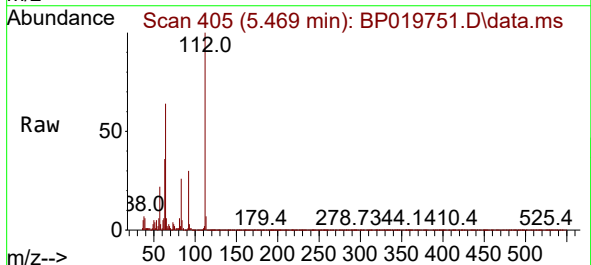
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)DL

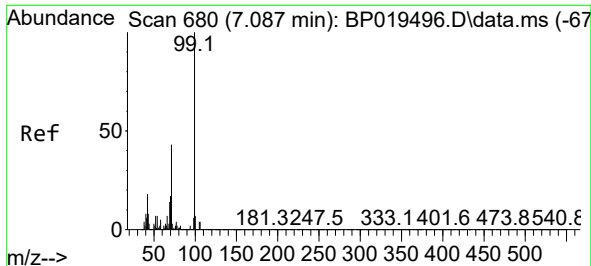
Tgt Ion:152 Resp: 62074
Ion Ratio Lower Upper
152 100
150 155.9 121.8 182.8
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 17.199 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.017 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

Tgt Ion:112 Resp: 66231
Ion Ratio Lower Upper
112 100
64 64.4 47.4 71.0
63 35.7 27.0 40.6

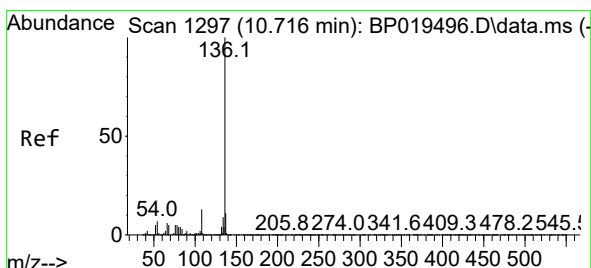
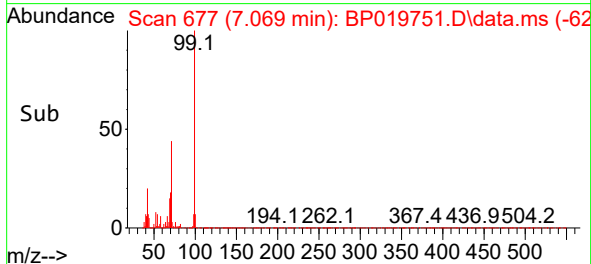
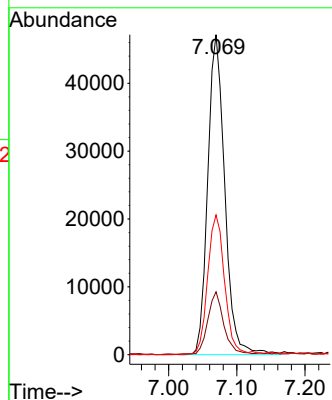
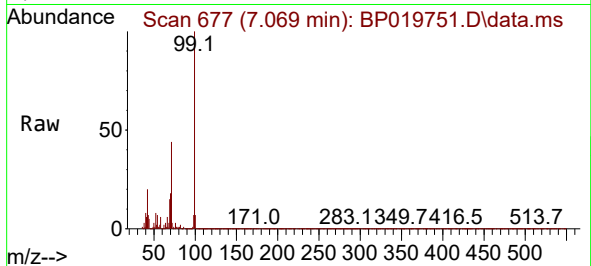




#7
Phenol-d6
Concen: 15.771 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

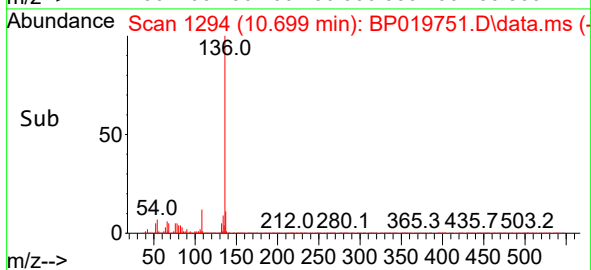
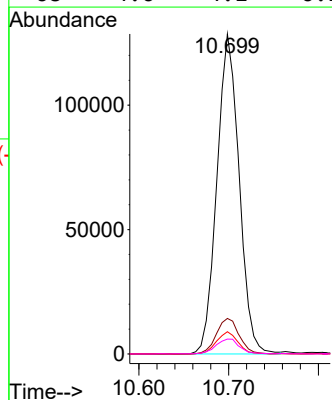
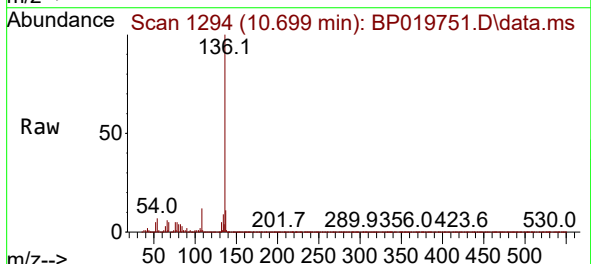
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)DL

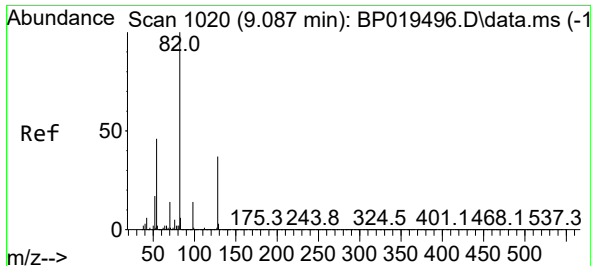
Tgt Ion: 99	Resp: 81892
Ion Ratio	Lower Upper
99 100	
42 19.6	14.7 22.1
71 43.6	34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

Tgt Ion: 136	Resp: 221425
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 7.0	5.3 7.9
68 4.6	4.1 6.1

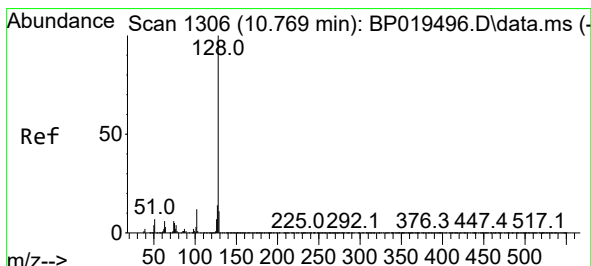
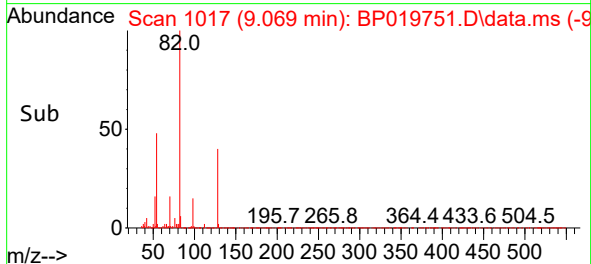
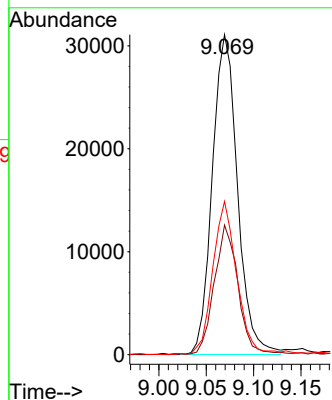
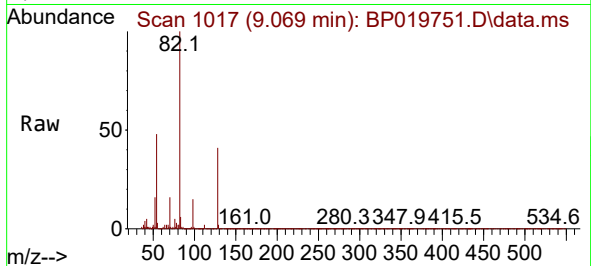




#23
Nitrobenzene-d5
Concen: 11.245 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

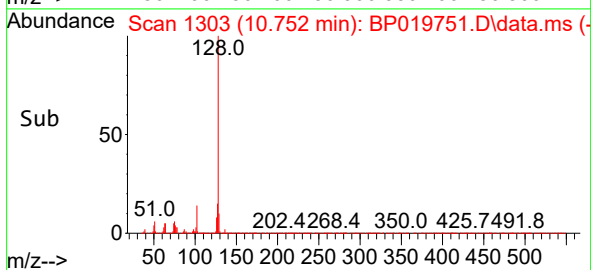
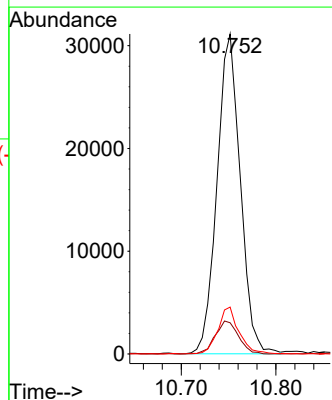
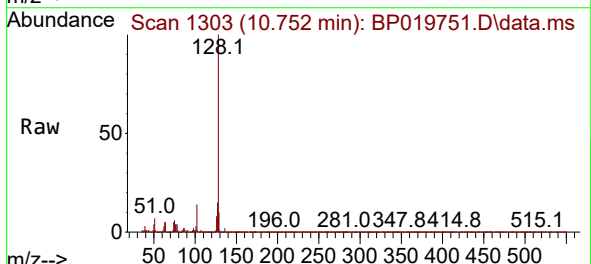
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)DL

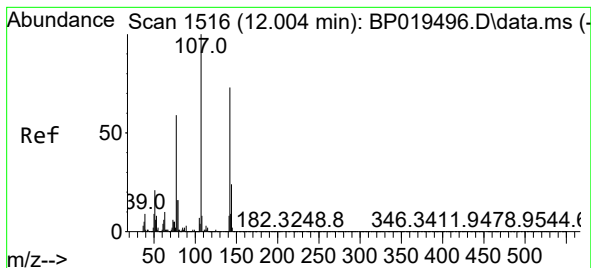
Tgt Ion: 82 Resp: 57462
Ion Ratio Lower Upper
82 100
128 40.5 29.7 44.5
54 47.9 36.8 55.2



#31
Naphthalene
Concen: 4.381 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.017 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

Tgt Ion: 128 Resp: 53200
Ion Ratio Lower Upper
128 100
129 9.7 8.6 13.0
127 14.6 10.8 16.2

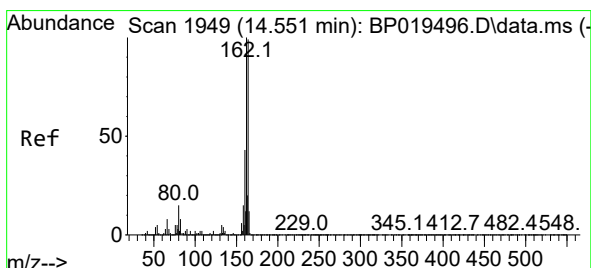
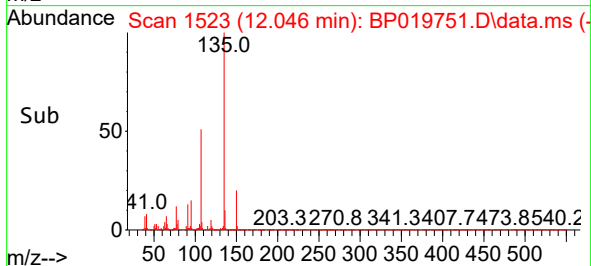
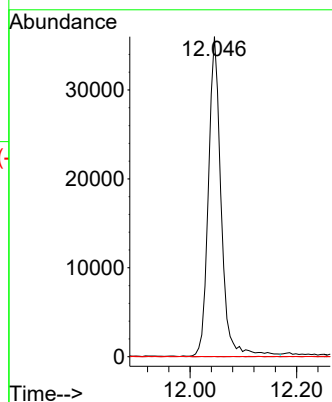
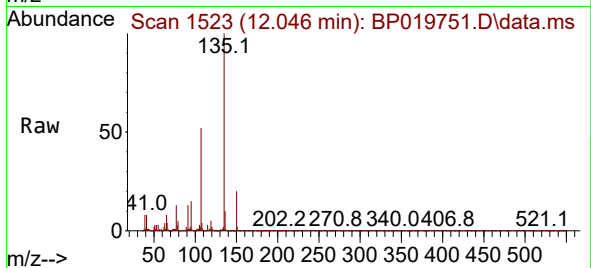




#36
4-Chloro-3-methylphenol
Concen: 14.452 ng
RT: 12.046 min Scan# 11
Delta R.T. 0.041 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

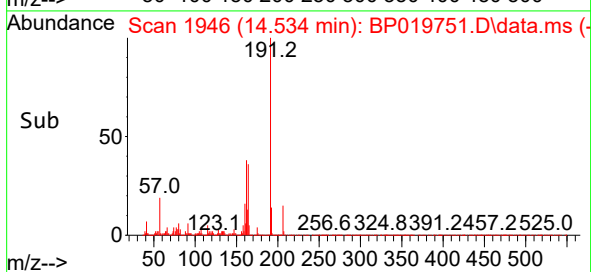
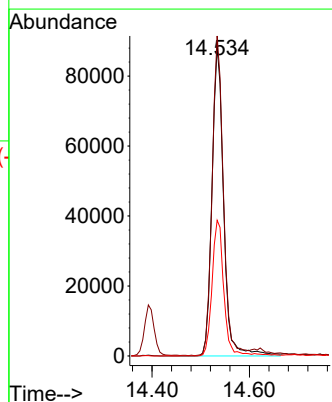
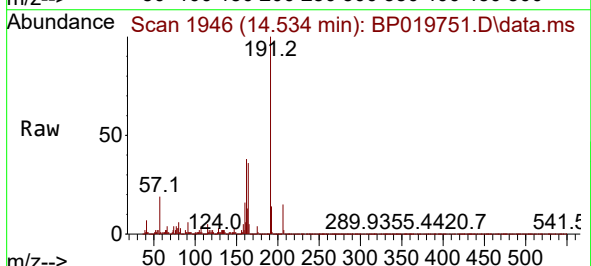
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)DL

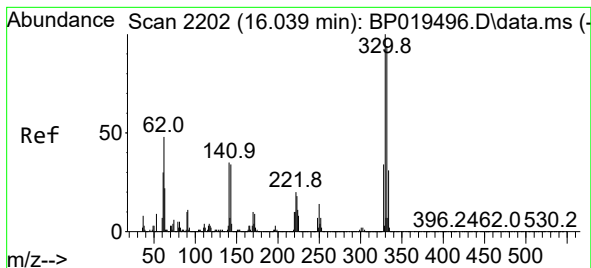
Tgt Ion:107 Resp: 59755
Ion Ratio Lower Upper
107 100
144 0.0 19.0 28.4#
142 0.0 58.6 88.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

Tgt Ion:164 Resp: 145841
Ion Ratio Lower Upper
164 100
162 103.5 81.2 121.8
160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 21.931 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019751.D

Acq: 16 Feb 2024 18:40

Instrument :

BNA_P

ClientSampleId :

B-4(4-6)DL

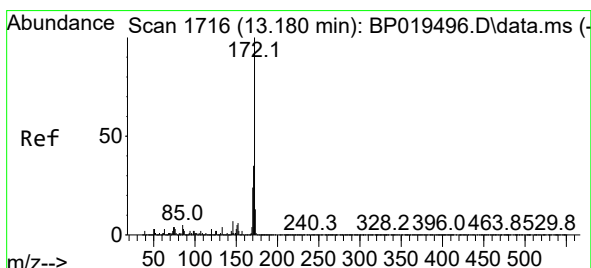
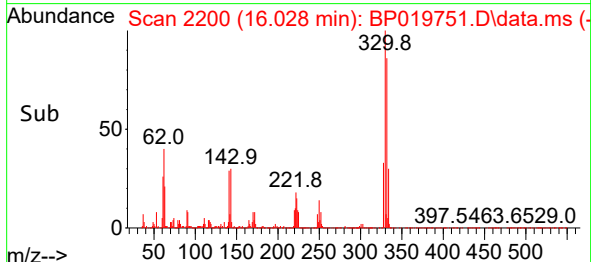
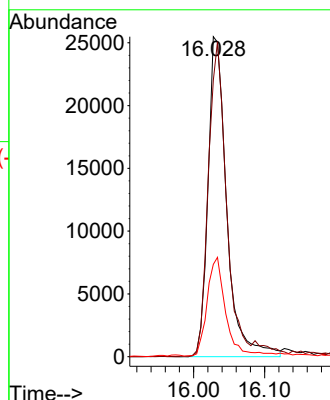
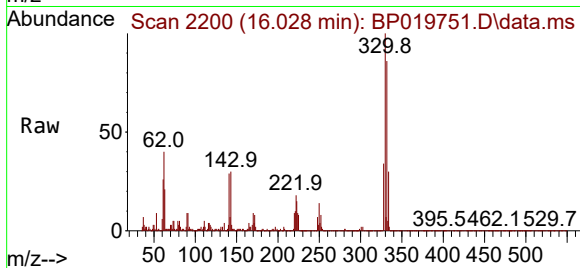
Tgt Ion:330 Resp: 46699

Ion Ratio Lower Upper

330 100

332 94.2 77.2 115.8

141 30.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 11.614 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019751.D

Acq: 16 Feb 2024 18:40

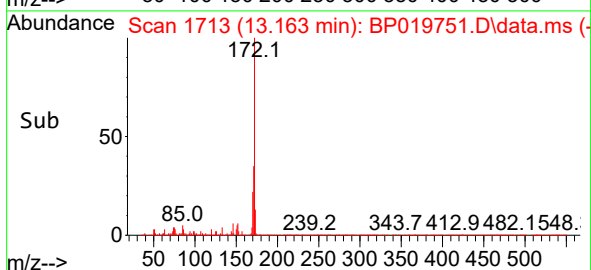
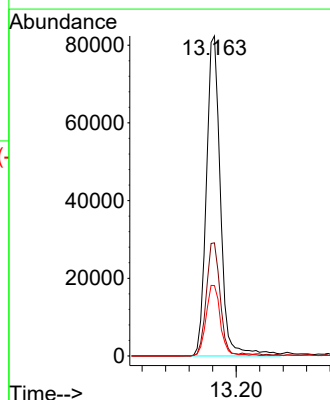
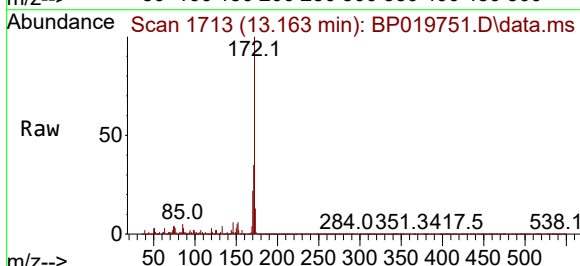
Tgt Ion:172 Resp: 137015

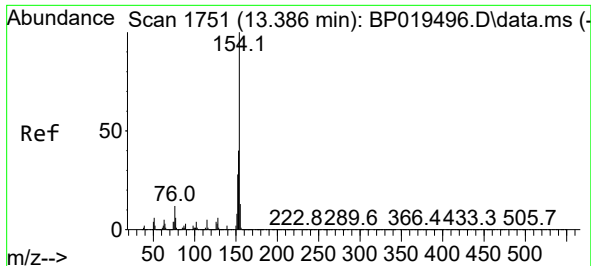
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 22.0 18.9 28.3

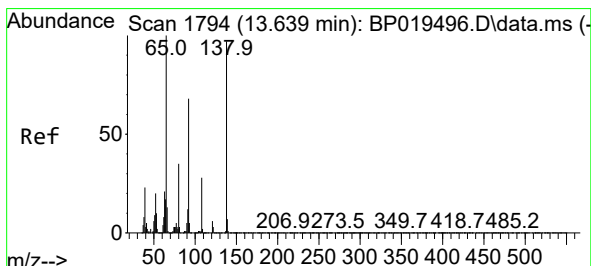
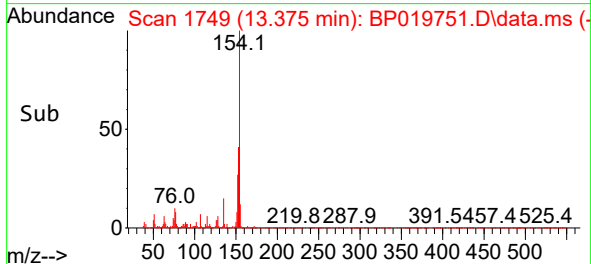
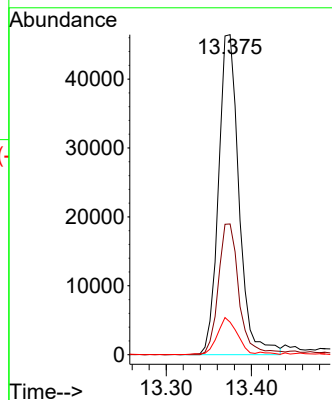
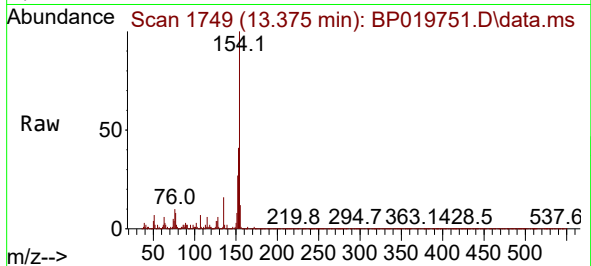




#46
1,1'-Biphenyl
Concen: 6.668 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.011 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

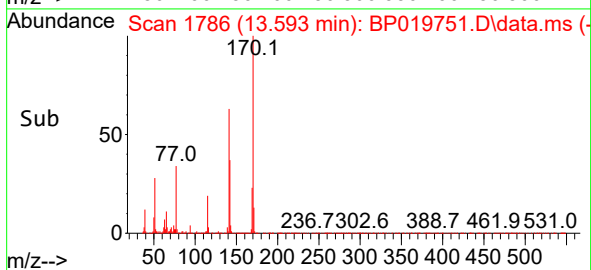
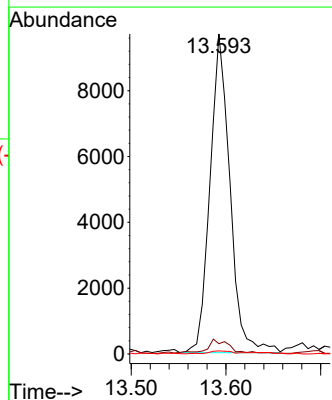
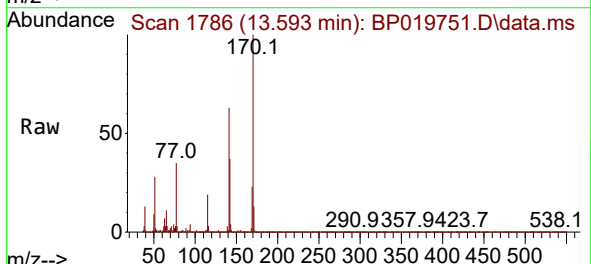
Instrument :
BNA_P
ClientSampleId :
B-4(4-6)DL

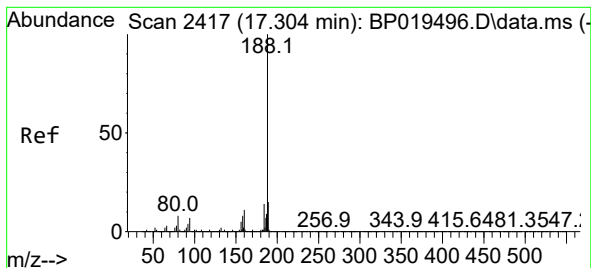
Tgt Ion:154 Resp: 77621
Ion Ratio Lower Upper
154 100
153 40.9 20.2 60.2
76 10.1 0.0 31.6



#48
2-Nitroaniline
Concen: 5.305 ng
RT: 13.593 min Scan# 1786
Delta R.T. -0.047 min
Lab File: BP019751.D
Acq: 16 Feb 2024 18:40

Tgt Ion: 65 Resp: 14175
Ion Ratio Lower Upper
65 100
92 3.2 54.7 82.1#
138 1.0 77.8 116.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019751.D

Acq: 16 Feb 2024 18:40

Instrument :

BNA_P

ClientSampleId :

B-4(4-6)DL

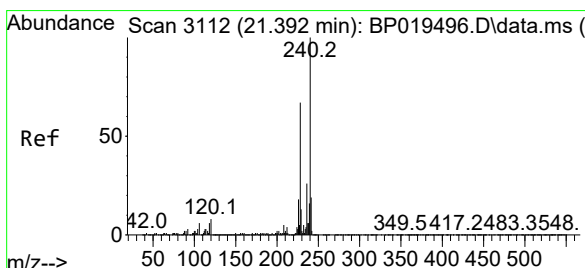
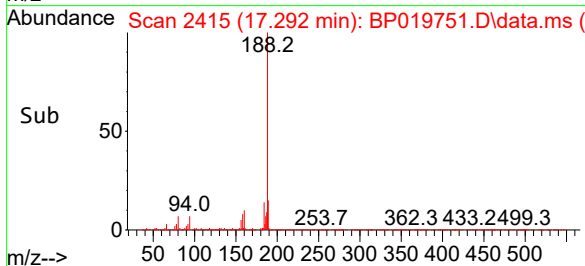
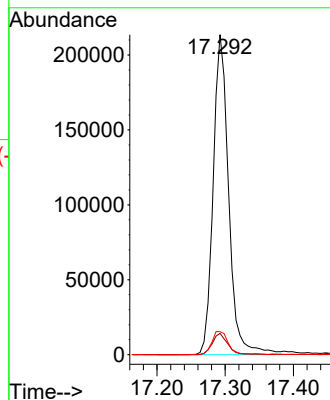
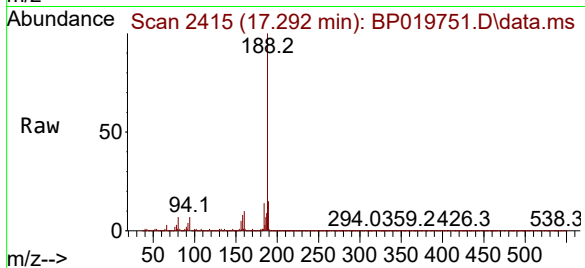
Tgt Ion:188 Resp: 338089

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.2 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019751.D

Acq: 16 Feb 2024 18:40

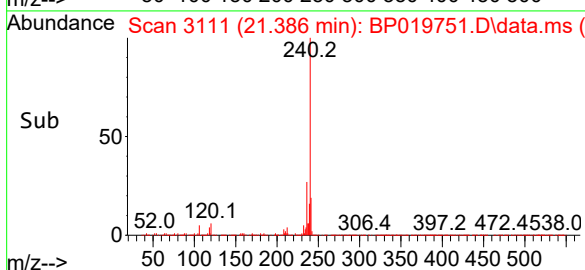
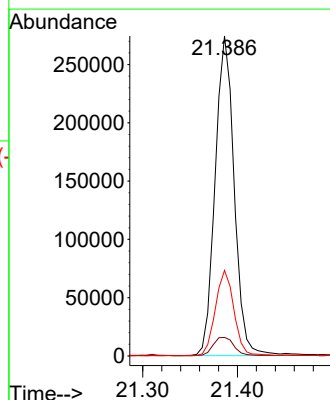
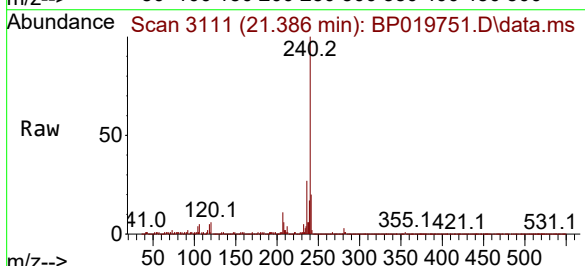
Tgt Ion:240 Resp: 383636

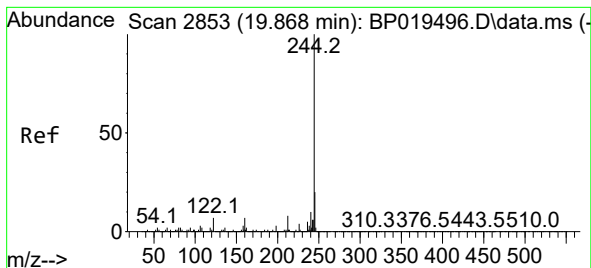
Ion Ratio Lower Upper

240 100

120 5.8 6.1 9.1#

236 26.8 20.7 31.1





#79

Terphenyl-d14

Concen: 12.561 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019751.D

Acq: 16 Feb 2024 18:40

Instrument :

BNA_P

ClientSampleId :

B-4(4-6)DL

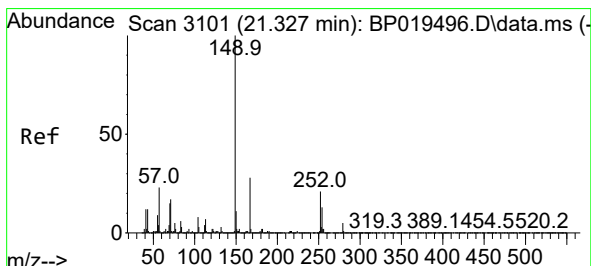
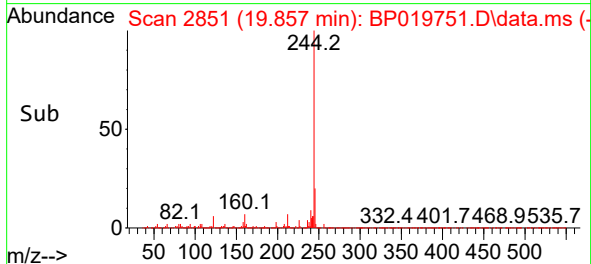
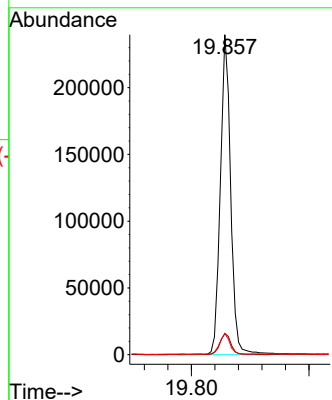
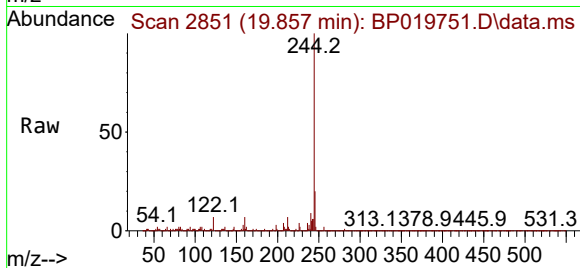
Tgt Ion:244 Resp: 293027

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

122 6.6 5.9 8.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.159 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019751.D

Acq: 16 Feb 2024 18:40

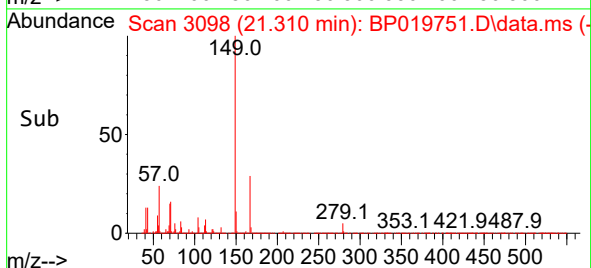
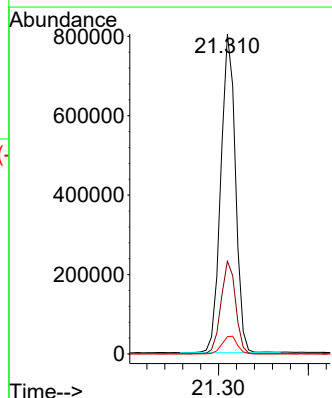
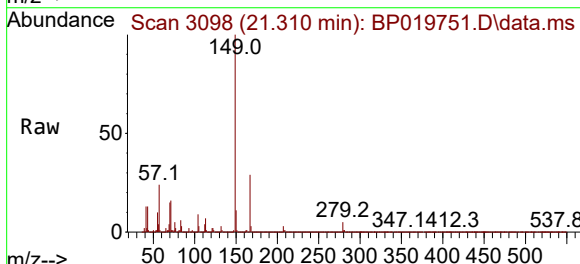
Tgt Ion:149 Resp: 910866

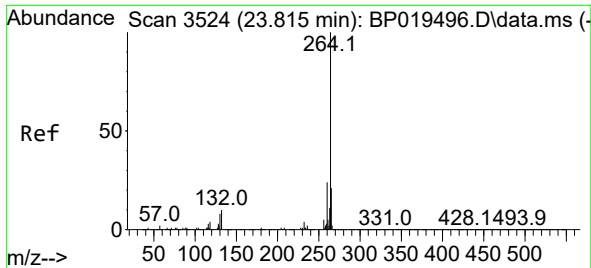
Ion Ratio Lower Upper

149 100

167 29.0 22.7 34.1

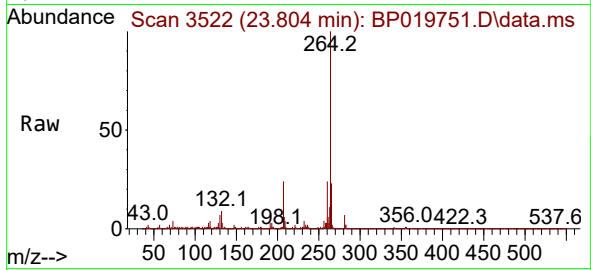
279 5.4 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BP019751.D
 Acq: 16 Feb 2024 18:40

Instrument :
 BNA_P
 ClientSampleId :
 B-4(4-6)DL



Tgt Ion:264 Resp: 450878
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.6 17.0 25.4

