

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024359.D
 Acq On : 21 Apr 2025 12:54
 Operator : RC/JU
 Sample : Q1825-04DL 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10DL

Quant Time: Apr 21 13:54:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

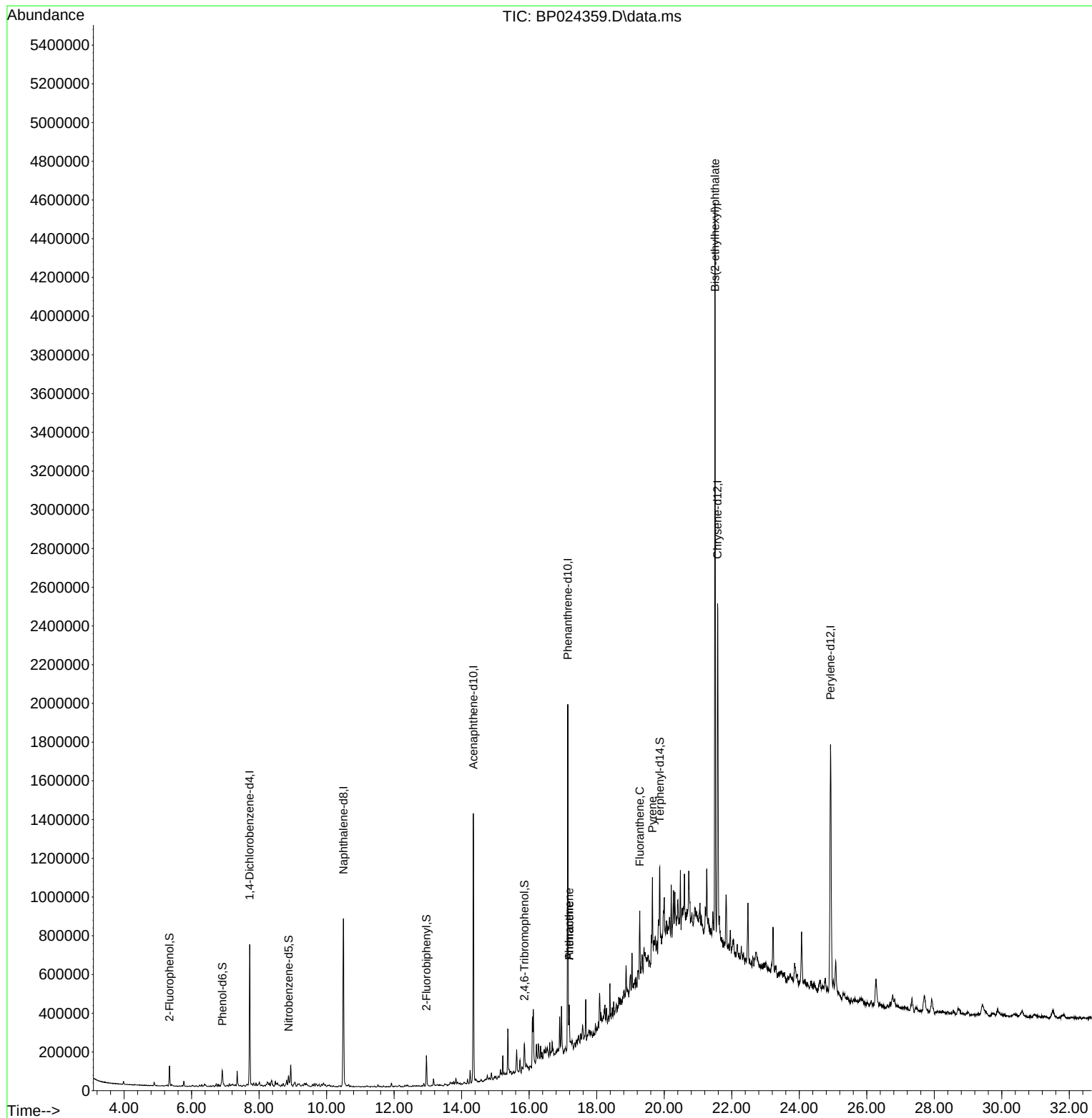
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	191501	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	780128	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	481187	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	956784	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1080017	20.000	ng	-0.01
86) Perylene-d12	24.927	264	1321705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	47446	4.097	ng	0.00
7) Phenol-d6	6.910	99	59653	3.762	ng	0.00
23) Nitrobenzene-d5	8.875	82	35844	2.620	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	27098	4.070	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	90178	2.869	ng	0.00
79) Terphenyl-d14	19.869	244	161656	3.017	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.186	178	120699	2.312	ng	98
72) Anthracene	17.186	178	120699	2.399	ng	97
75) Fluoranthene	19.275	202	177519	2.860	ng	98
78) Pyrene	19.651	202	162867	2.373	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	1579715	36.655	ng	99

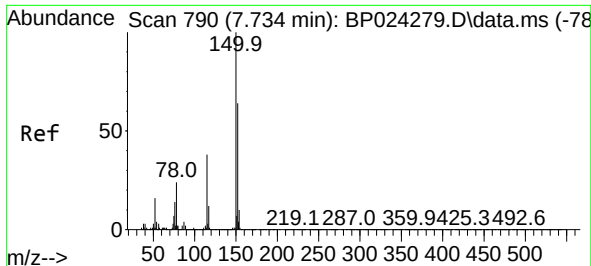
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
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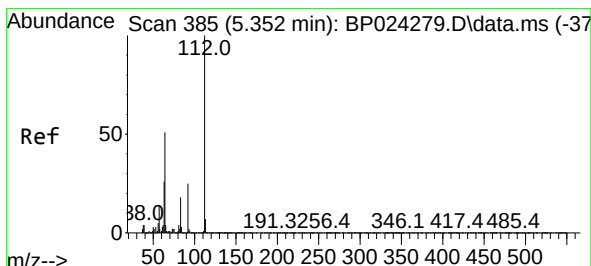
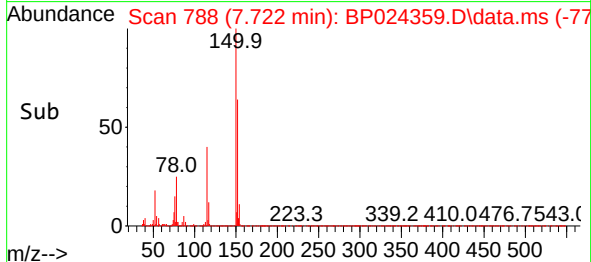
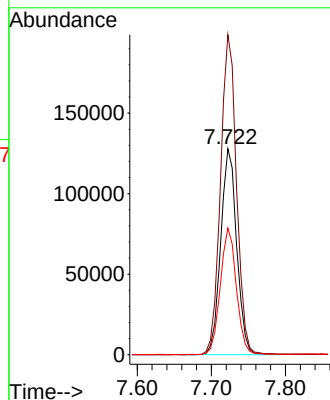
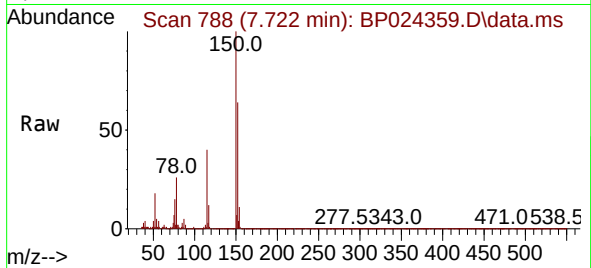




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BP024359.D
 Acq: 21 Apr 2025 12:54

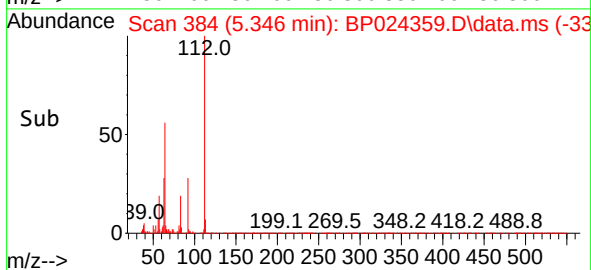
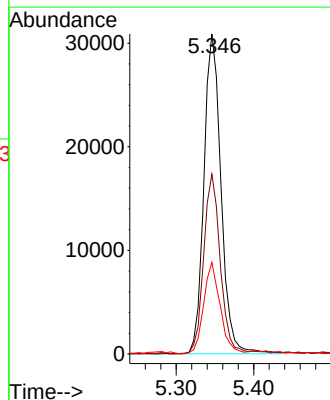
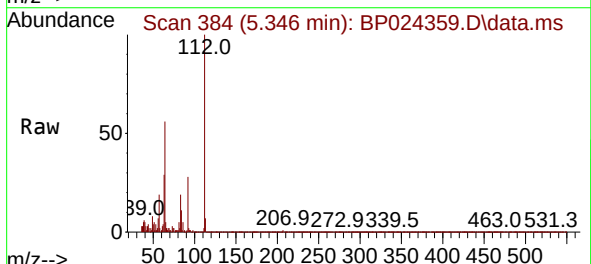
Instrument :
 BNA_P
 ClientSampleId :
 TP-10DL

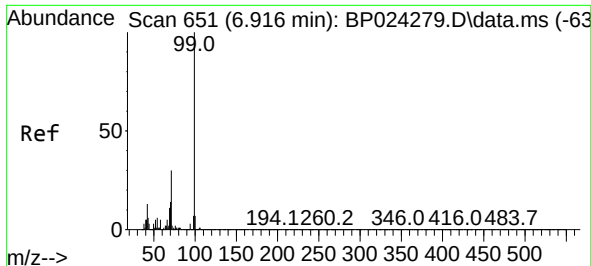
Tgt Ion:152 Resp: 191501
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.9 187.3
 115 61.6 47.7 71.5



#5
 2-Fluorophenol
 Concen: 4.097 ng
 RT: 5.346 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: BP024359.D
 Acq: 21 Apr 2025 12:54

Tgt Ion:112 Resp: 47446
 Ion Ratio Lower Upper
 112 100
 64 56.2 41.1 61.7
 63 28.6 20.6 30.8





#7

Phenol-d6

Concen: 3.762 ng

RT: 6.910 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024359.D

Acq: 21 Apr 2025 12:54

Instrument :

BNA_P

ClientSampleId :

TP-10DL

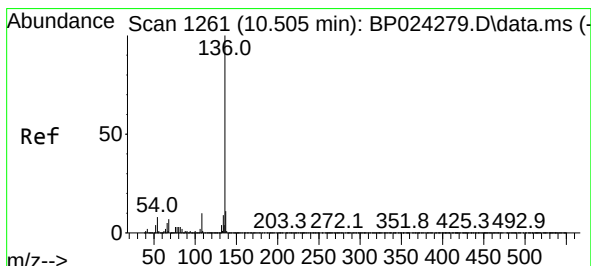
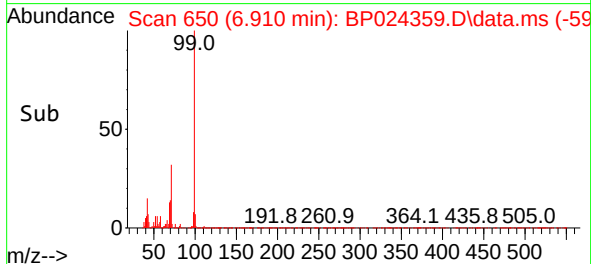
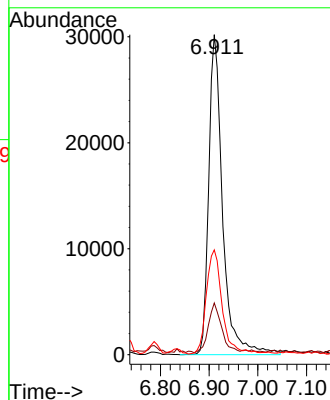
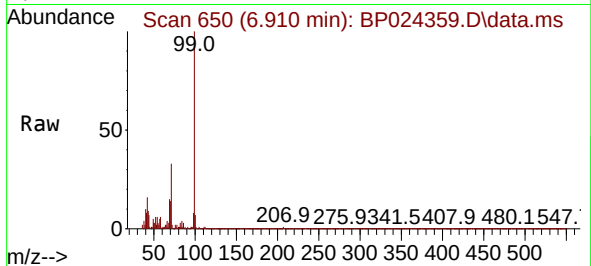
Tgt Ion: 99 Resp: 59653

Ion Ratio Lower Upper

99 100

42 16.2 10.6 16.0#

71 32.7 23.7 35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.499 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BP024359.D

Acq: 21 Apr 2025 12:54

Tgt Ion:136 Resp: 780128

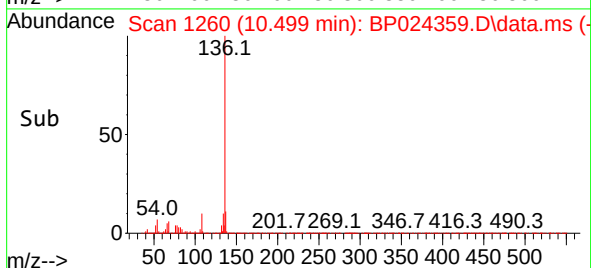
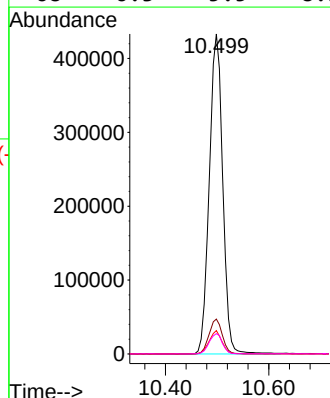
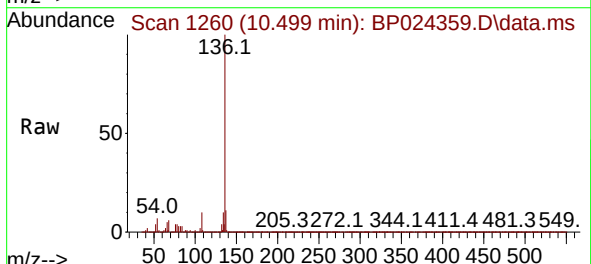
Ion Ratio Lower Upper

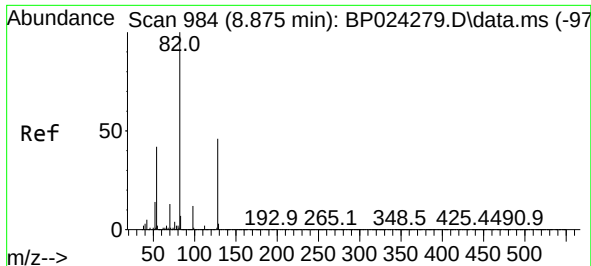
136 100

137 10.9 9.2 13.8

54 7.3 6.0 9.0

68 6.3 5.5 8.3

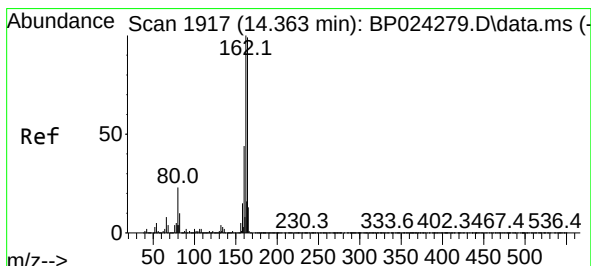
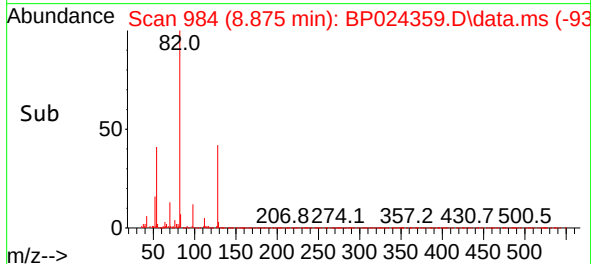
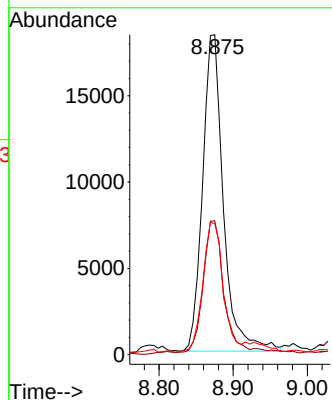
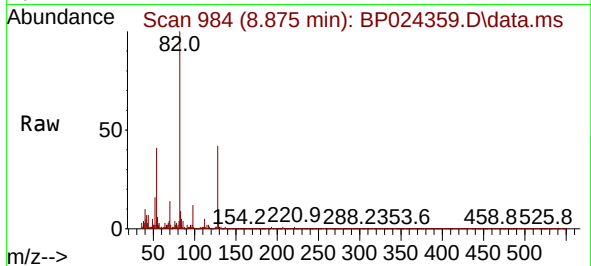




#23
Nitrobenzene-d5
Concen: 2.620 ng
RT: 8.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024359.D
Acq: 21 Apr 2025 12:54

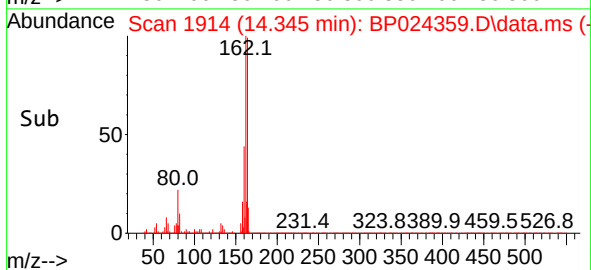
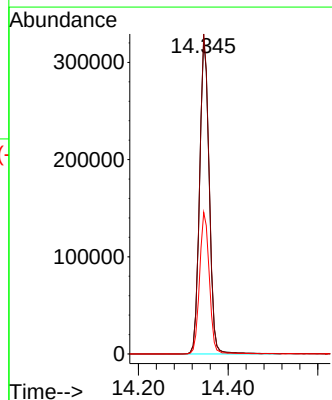
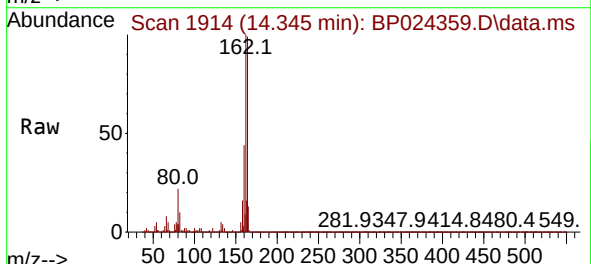
Instrument :
BNA_P
ClientSampleId :
TP-10DL

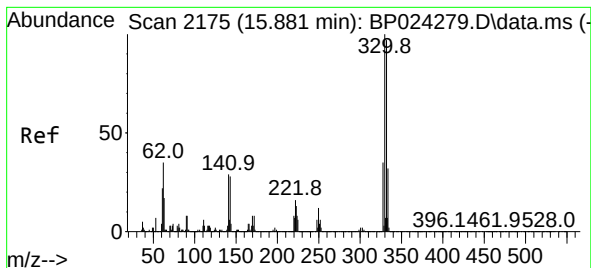
Tgt Ion: 82 Resp: 35844
Ion Ratio Lower Upper
82 100
128 41.8 36.5 54.7
54 41.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024359.D
Acq: 21 Apr 2025 12:54

Tgt Ion: 164 Resp: 481187
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 4.070 ng

RT: 15.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024359.D

Acq: 21 Apr 2025 12:54

Instrument :

BNA_P

ClientSampleId :

TP-10DL

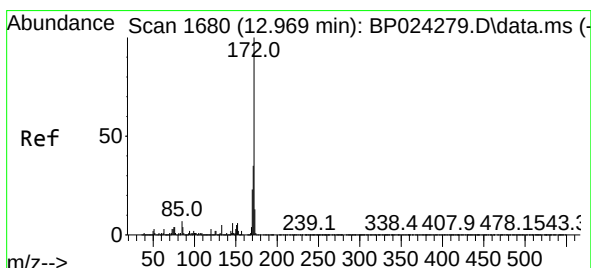
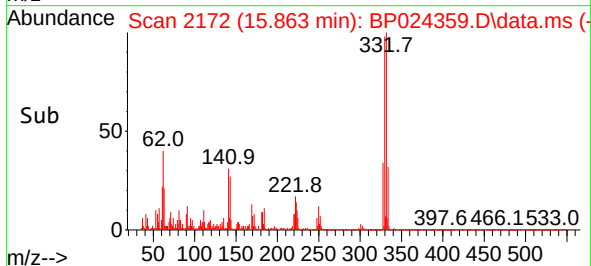
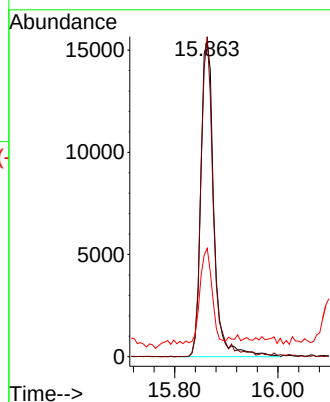
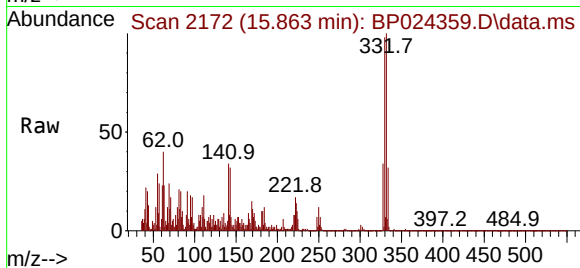
Tgt Ion:330 Resp: 27098

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 27.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 2.869 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024359.D

Acq: 21 Apr 2025 12:54

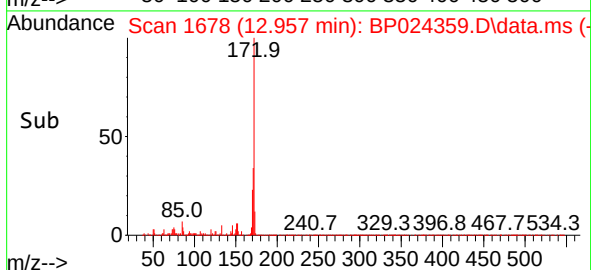
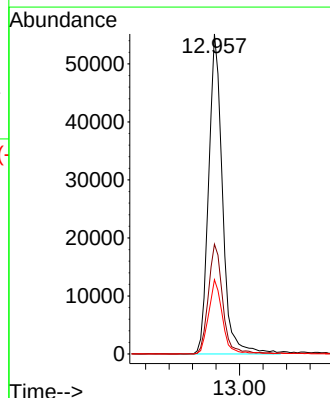
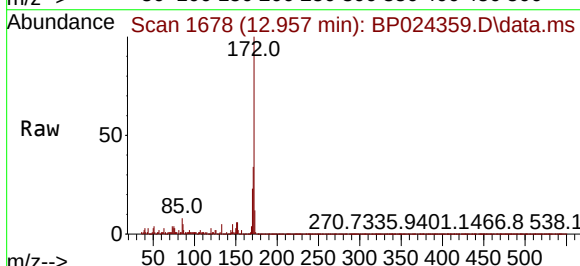
Tgt Ion:172 Resp: 90178

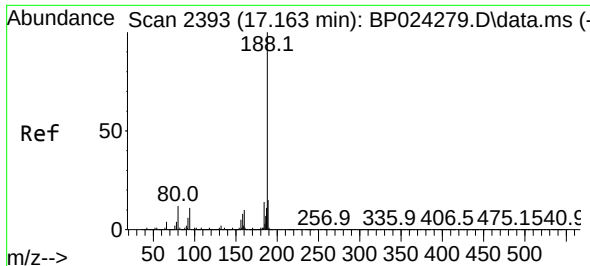
Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.2

170 23.2 18.6 27.8

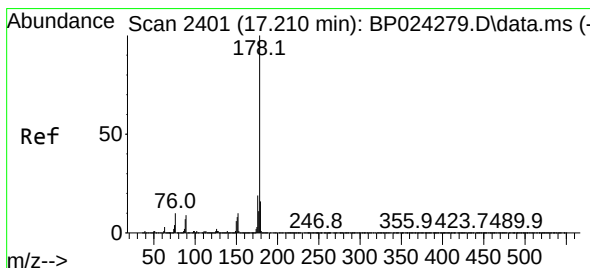
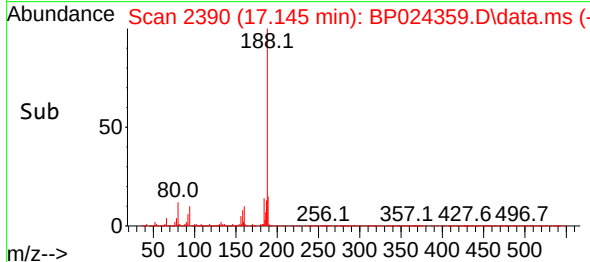
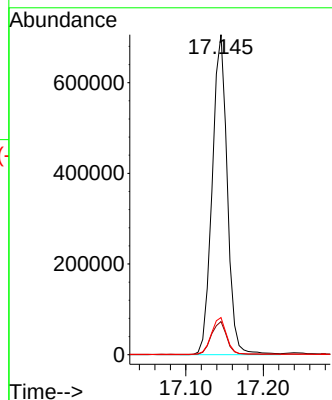
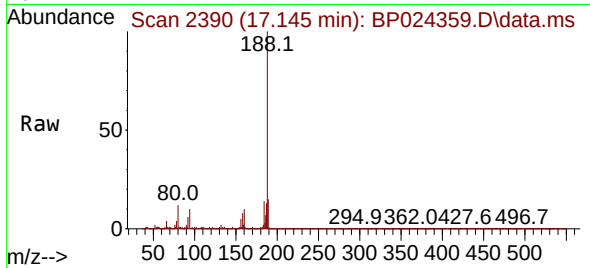




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024359.D
Acq: 21 Apr 2025 12:54

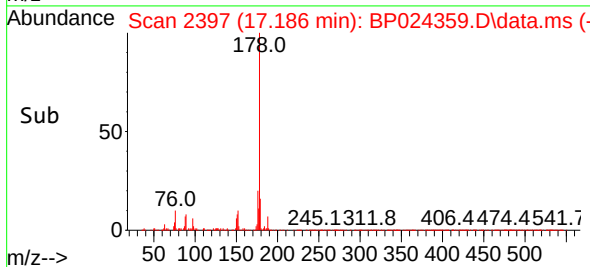
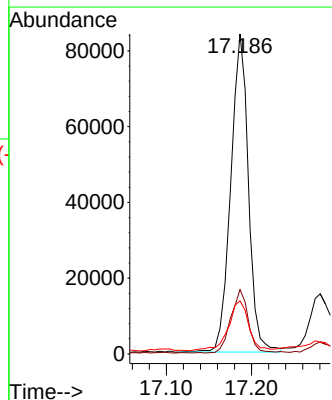
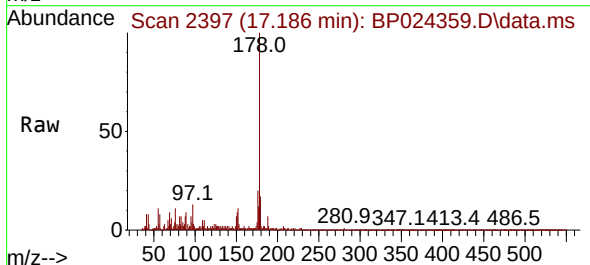
Instrument :
BNA_P
ClientSampleId :
TP-10DL

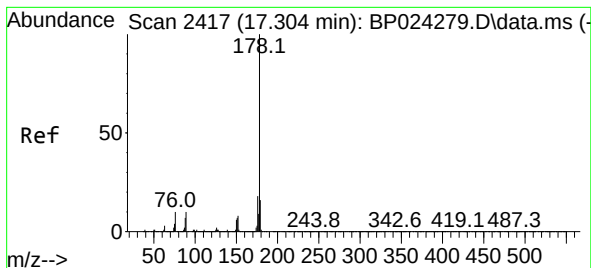
Tgt Ion:188 Resp: 956784
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.6 9.8 14.6



#71
Phenanthrene
Concen: 2.312 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP024359.D
Acq: 21 Apr 2025 12:54

Tgt Ion:178 Resp: 120699
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 16.6 12.5 18.7





#72

Anthracene

Concen: 2.399 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.100 min

Lab File: BP024359.D

Acq: 21 Apr 2025 12:54

Instrument :

BNA_P

ClientSampleId :

TP-10DL

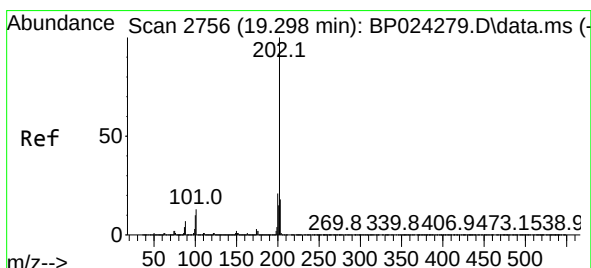
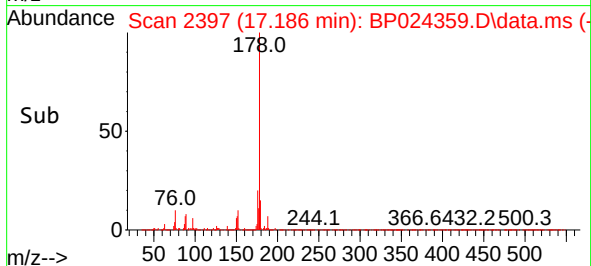
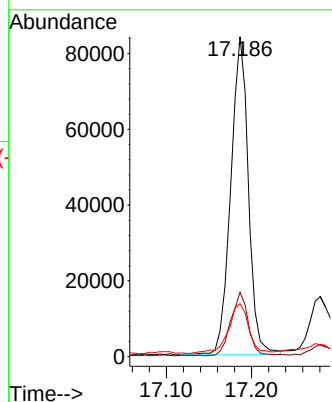
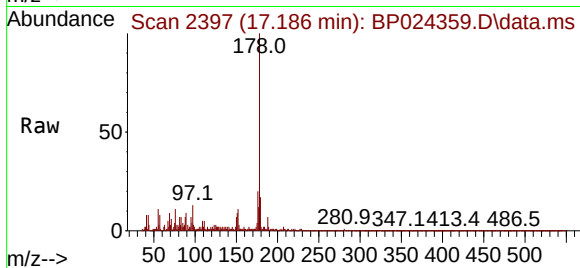
Tgt Ion:178 Resp: 120699

Ion Ratio Lower Upper

178 100

176 20.1 14.7 22.1

179 16.6 12.4 18.6



#75

Fluoranthene

Concen: 2.860 ng

RT: 19.275 min Scan# 2752

Delta R.T. -0.006 min

Lab File: BP024359.D

Acq: 21 Apr 2025 12:54

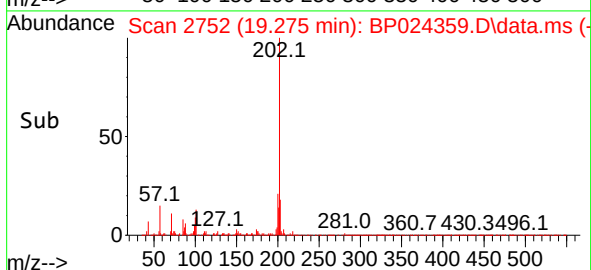
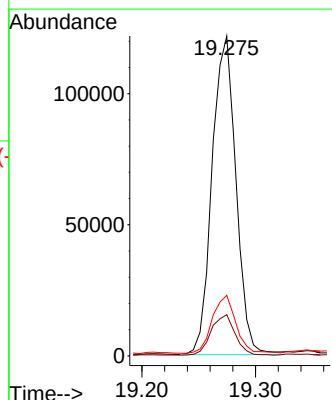
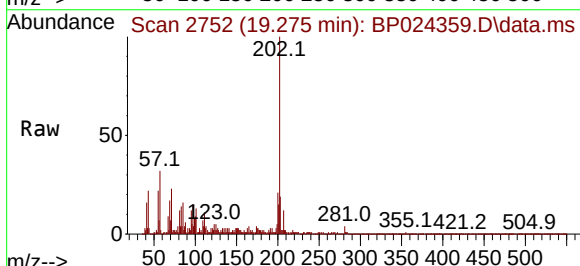
Tgt Ion:202 Resp: 177519

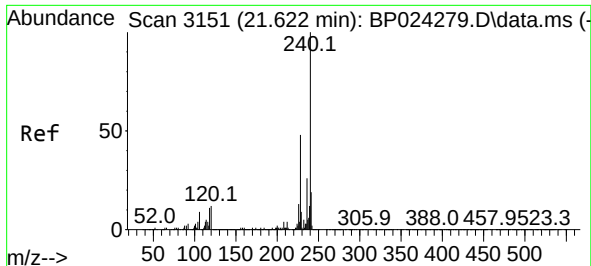
Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

203 19.0 0.0 37.7

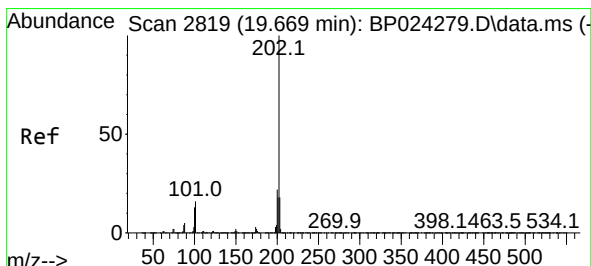
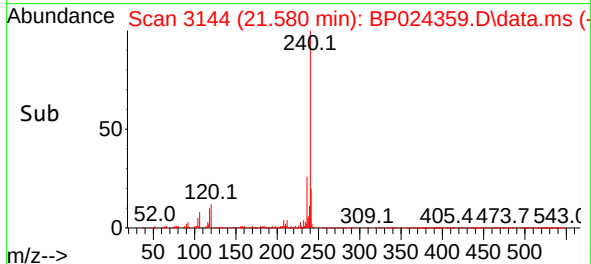
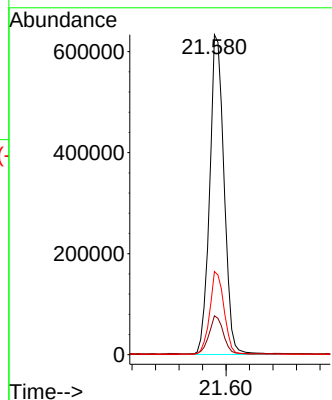
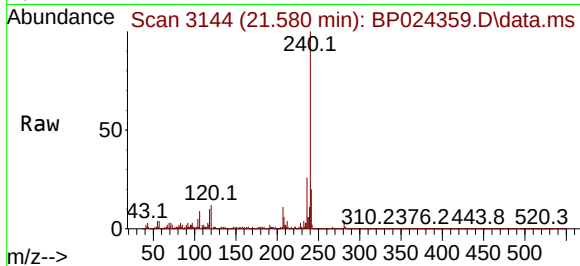




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024359.D
Acq: 21 Apr 2025 12:54

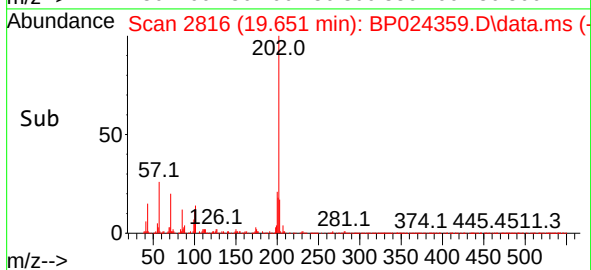
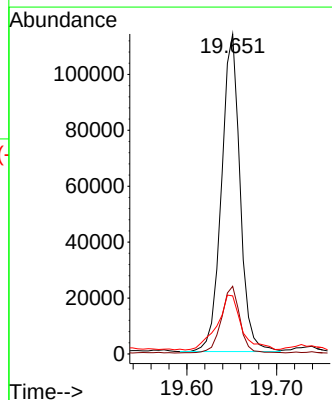
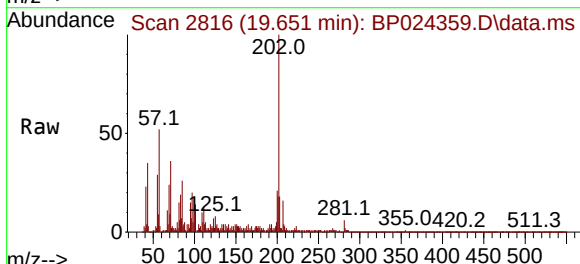
Instrument :
BNA_P
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TP-10DL

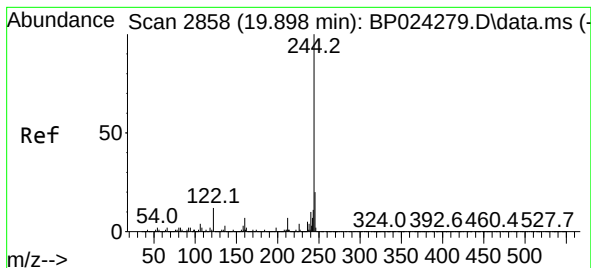
Tgt Ion:240 Resp: 1080017
Ion Ratio Lower Upper
240 100
120 12.1 9.8 14.8
236 26.0 20.9 31.3



#78
Pyrene
Concen: 2.373 ng
RT: 19.651 min Scan# 2816
Delta R.T. 0.000 min
Lab File: BP024359.D
Acq: 21 Apr 2025 12:54

Tgt Ion:202 Resp: 162867
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 3.017 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024359.D

Acq: 21 Apr 2025 12:54

Instrument :

BNA_P

ClientSampleId :

TP-10DL

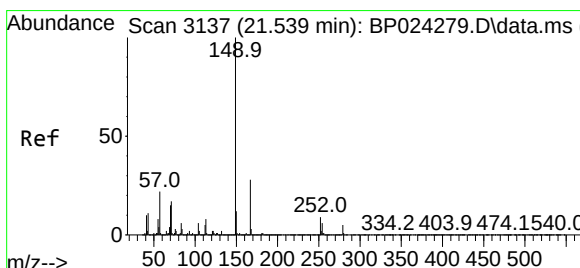
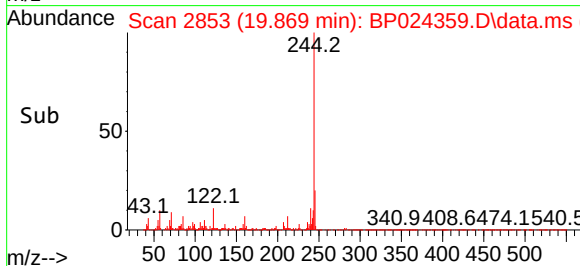
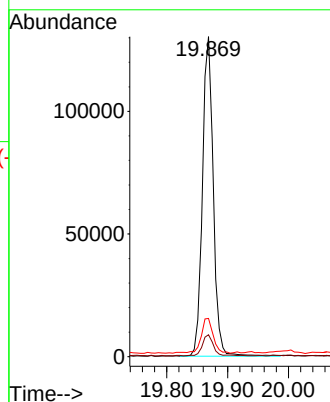
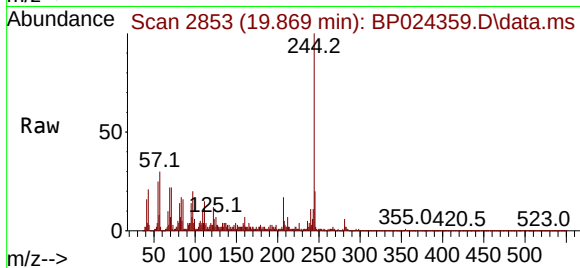
Tgt Ion:244 Resp: 161656

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 12.0 9.4 14.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.655 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP024359.D

Acq: 21 Apr 2025 12:54

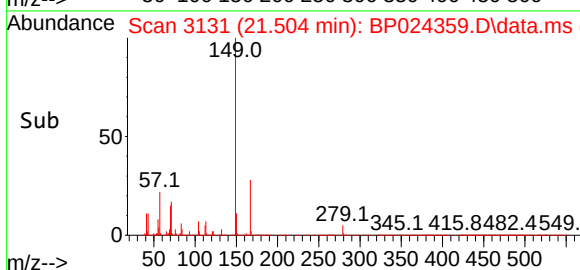
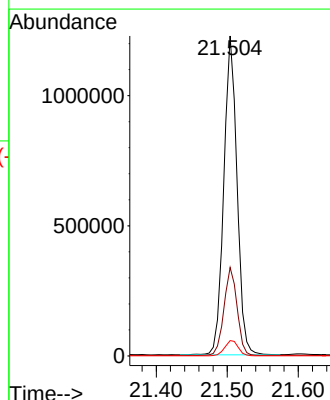
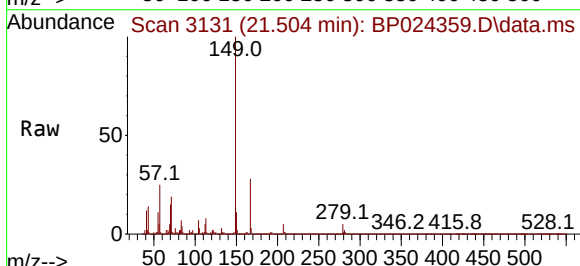
Tgt Ion:149 Resp: 1579715

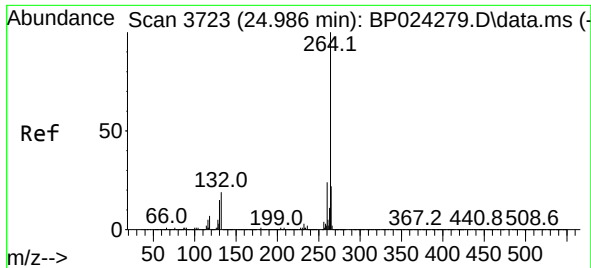
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 4.8 4.0 6.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024359.D
Acq: 21 Apr 2025 12:54

Instrument :
BNA_P
ClientSampleId :
TP-10DL

Tgt Ion:264 Resp: 1321705

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.4	17.8	26.6

