

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024784.D
 Acq On : 23 May 2025 08:39
 Operator : RC/JU
 Sample : Q2093-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 23 08:56:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

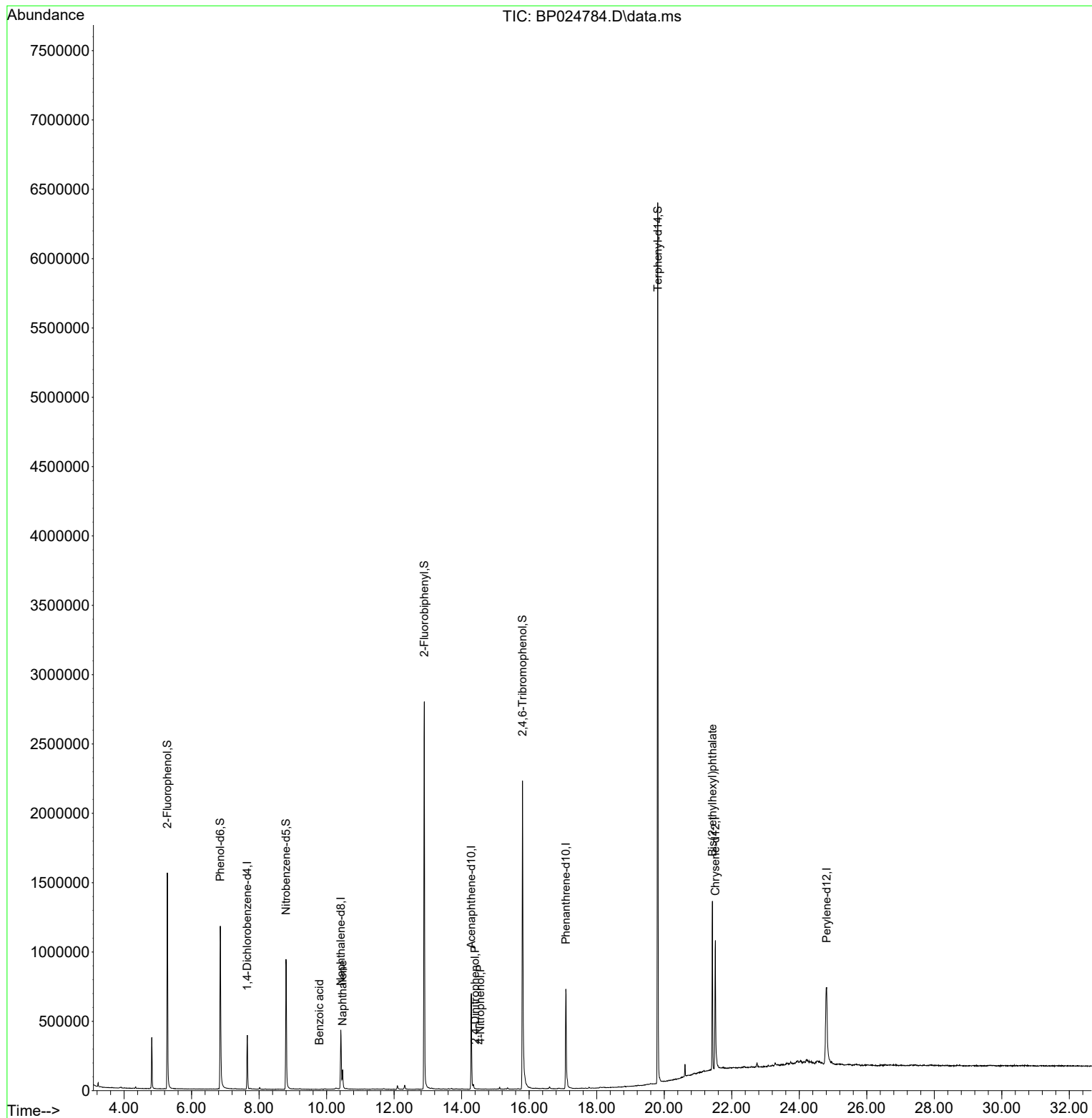
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	105758	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	398847	20.000	ng	-0.01
39) Acenaphthene-d10	14.286	164	257967	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	532259	20.000	ng	-0.01
76) Chrysene-d12	21.515	240	631295	20.000	ng	# 0.00
86) Perylene-d12	24.809	264	765740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	709435	114.733	ng	0.00
7) Phenol-d6	6.851	99	753735	95.511	ng	0.00
23) Nitrobenzene-d5	8.798	82	543248	68.819	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	680992	155.716	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1492767	75.812	ng	-0.01
79) Terphenyl-d14	19.810	244	3145777	85.444	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.475	128	120851	5.847	ng	98
32) Benzoic acid	9.787	122	13	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.398	184	9	6.404	ng	# 1
56) 4-Nitrophenol	14.551	139	32	4.242	ng	# 42
84) Bis(2-ethylhexyl)phtha...	21.427	149	507988	20.544	ng	99

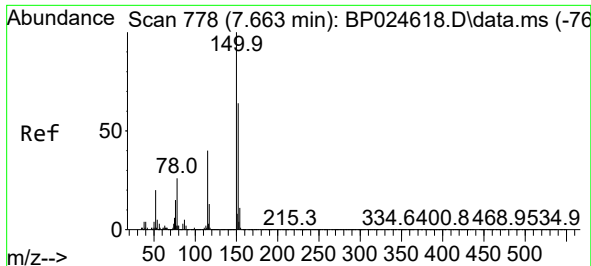
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024784.D
Acq On : 23 May 2025 08:39
Operator : RC/JU
Sample : Q2093-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

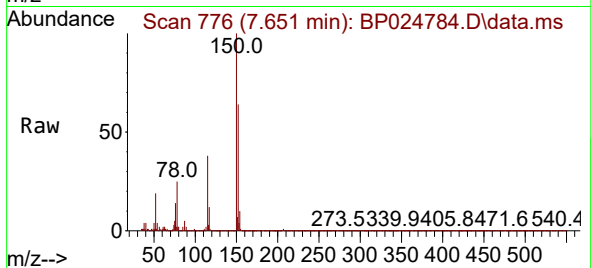
Quant Time: May 23 08:56:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



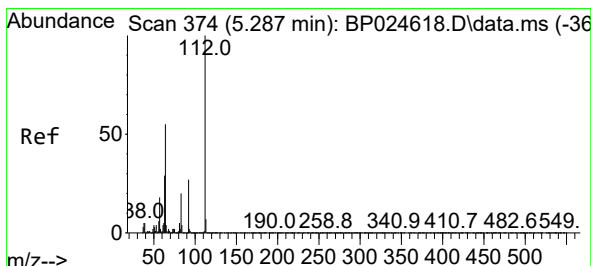
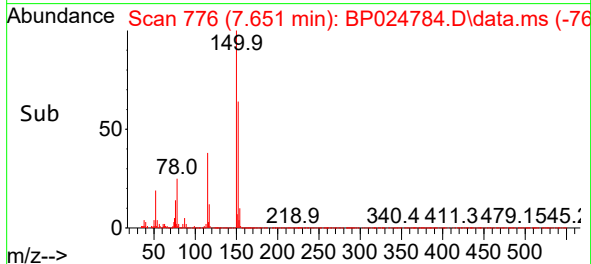
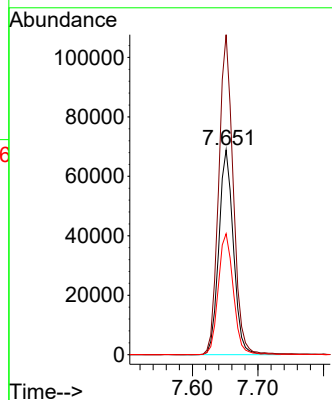


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 778
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Instrument :
BNA_P
ClientSampleId :

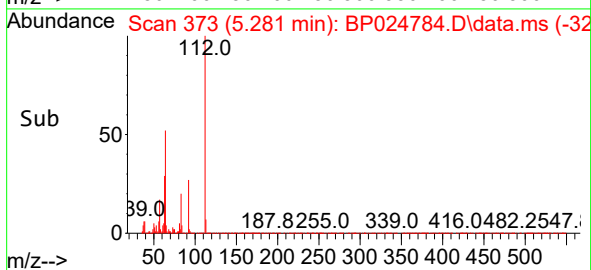
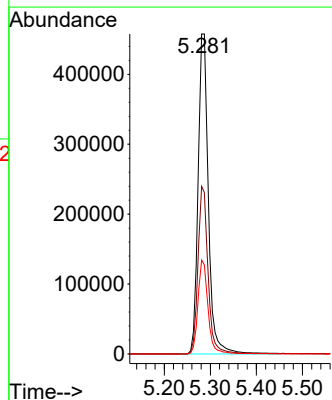
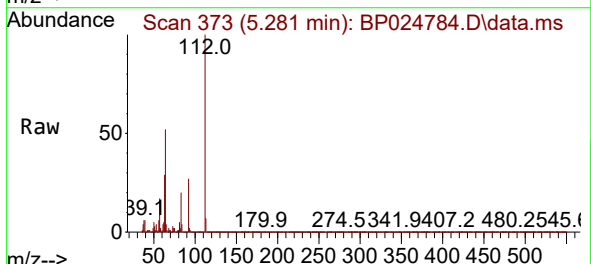


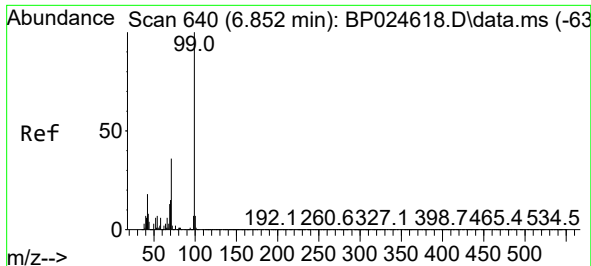
Tgt Ion:152 Resp: 105758
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 59.1 50.1 75.1



#5
2-Fluorophenol
Concen: 114.733 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion:112 Resp: 709435
Ion Ratio Lower Upper
112 100
64 52.4 44.1 66.1
63 29.4 23.5 35.3

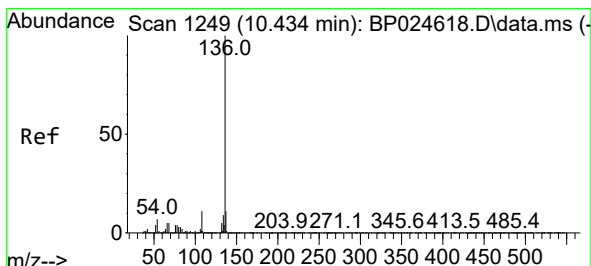
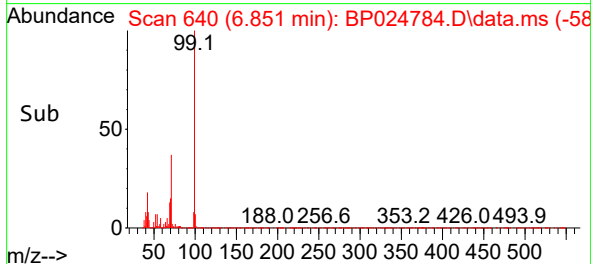
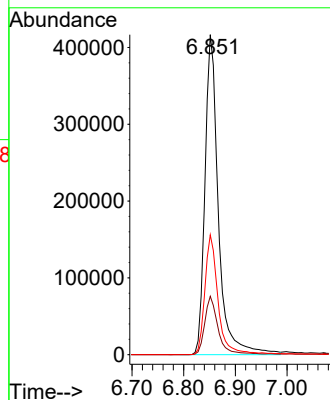
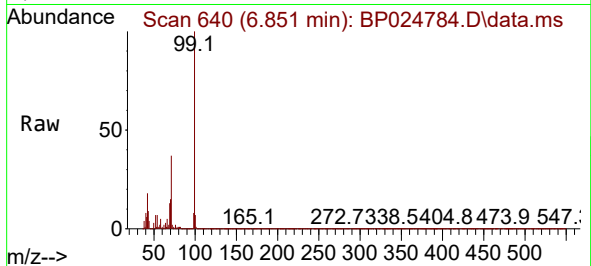




#7
Phenol-d6
Concen: 95.511 ng
RT: 6.851 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

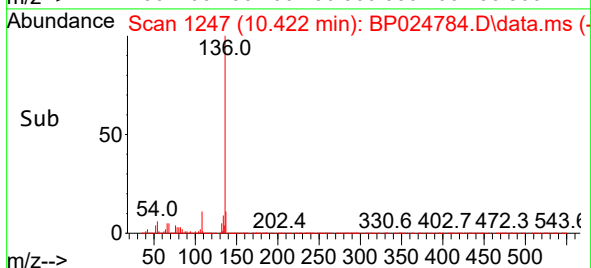
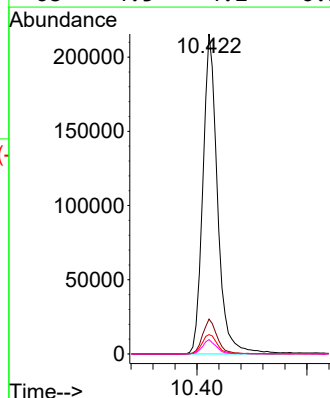
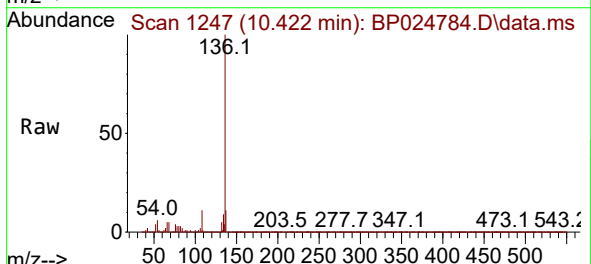
Instrument :
BNA_P
ClientSampleId :

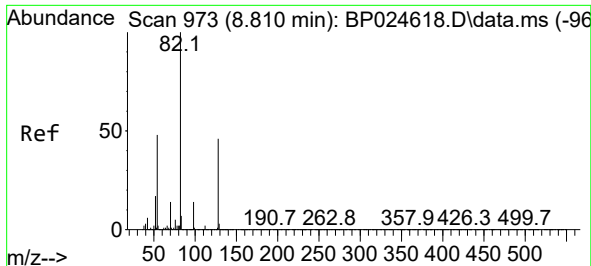
Tgt Ion: 99 Resp: 753735
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 37.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

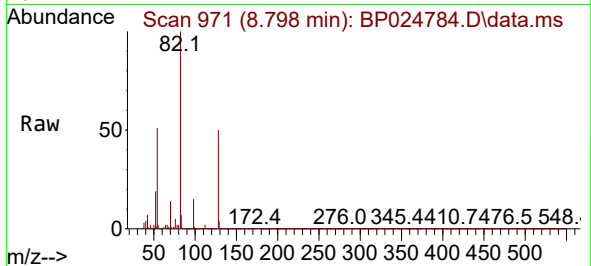
Tgt Ion:136 Resp: 398847
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.1 5.5 8.3
68 4.5 4.2 6.2



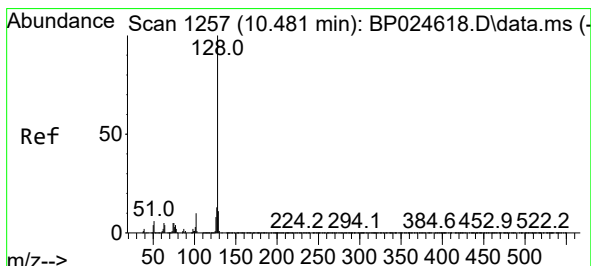
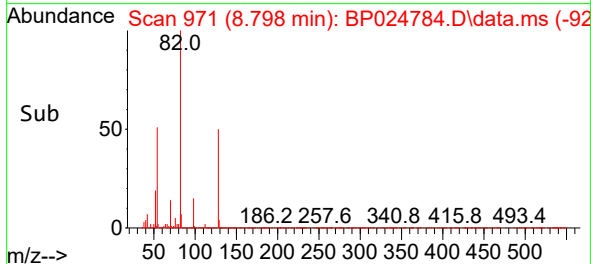
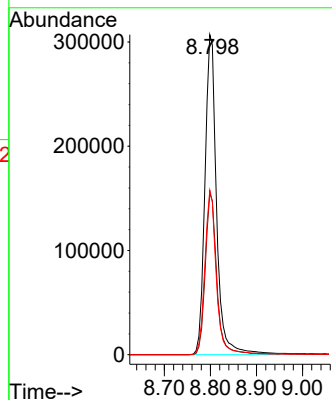


#23
Nitrobenzene-d5
Concen: 68.819 ng
RT: 8.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Instrument :
BNA_P
ClientSampleId :

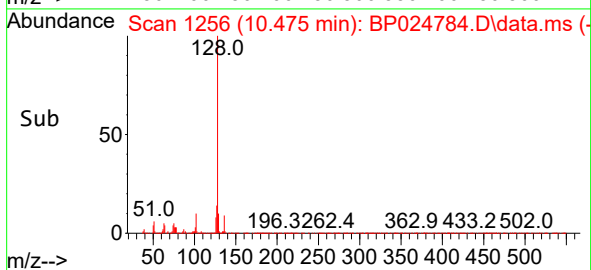
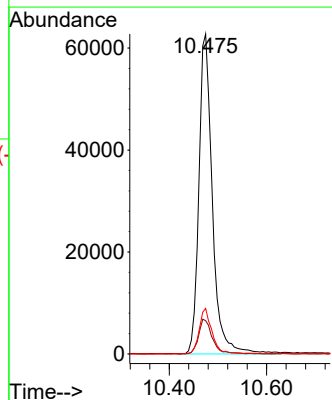
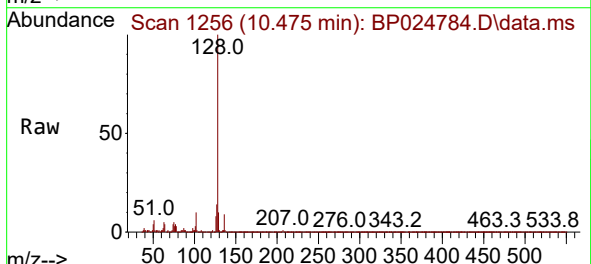


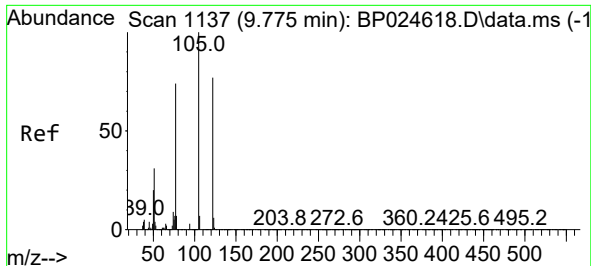
Tgt Ion: 82 Resp: 543248
Ion Ratio Lower Upper
82 100
128 50.5 37.0 55.4
54 51.4 38.7 58.1



#31
Naphthalene
Concen: 5.847 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion: 128 Resp: 120851
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 14.3 10.7 16.1

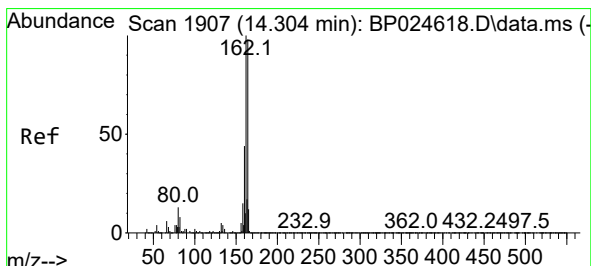
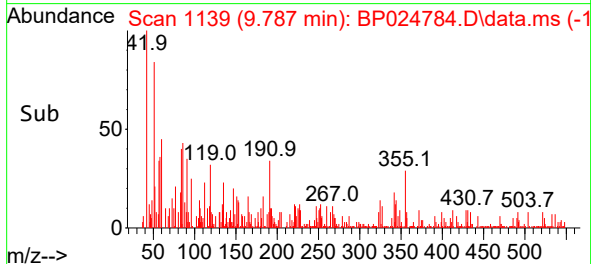
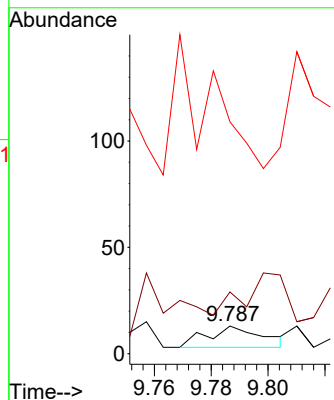
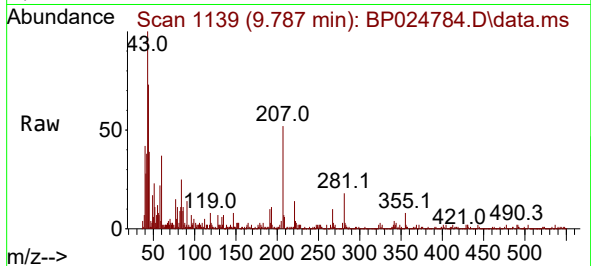




#32
Benzoic acid
Concen: 7.471 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

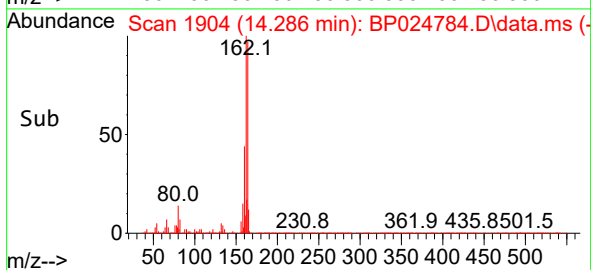
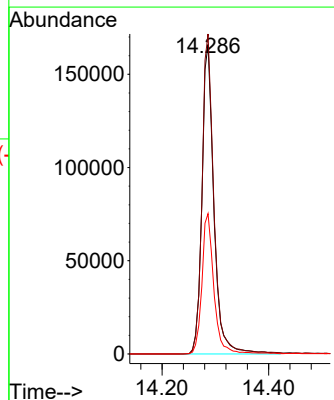
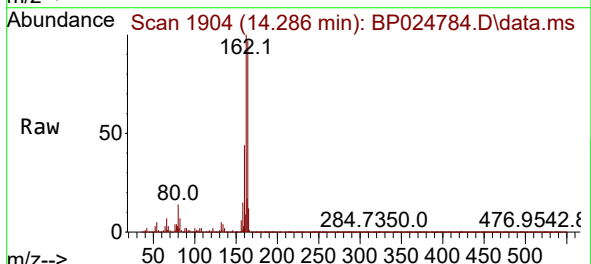
Instrument :
BNA_P
ClientSampleId :

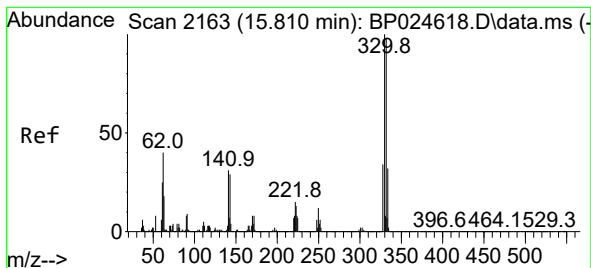
Tgt Ion:122 Resp: 13
Ion Ratio Lower Upper
122 100
105 223.1 106.9 146.9#
77 838.5 75.1 115.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion:164 Resp: 257967
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 45.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 155.716 ng

RT: 15.804 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BP024784.D

Acq: 23 May 2025 08:39

Instrument :

BNA_P

ClientSampleId :

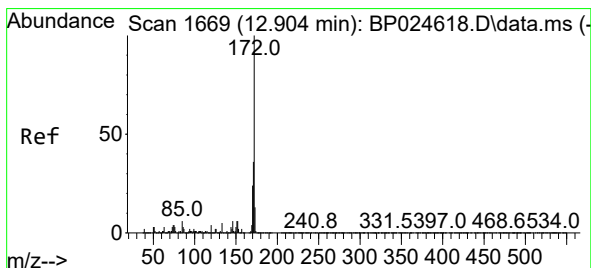
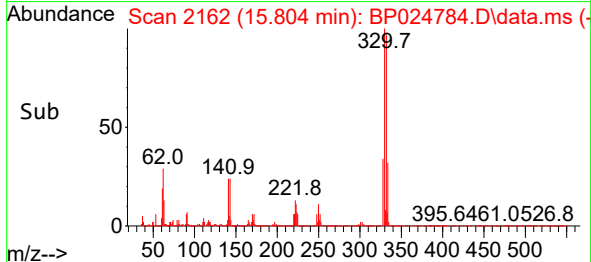
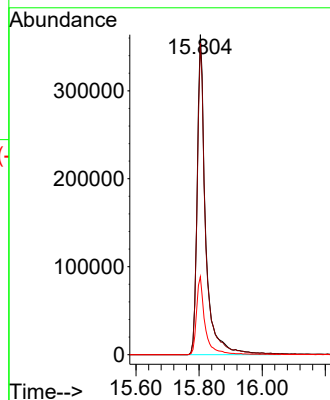
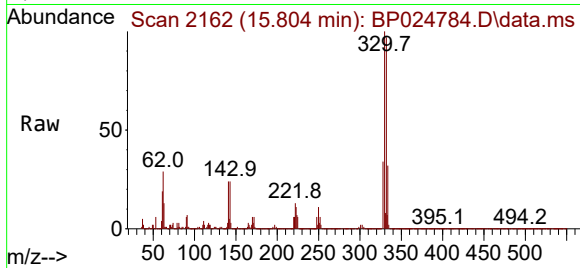
Tgt Ion:330 Resp: 680992

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.4

141 24.6 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 75.812 ng

RT: 12.892 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024784.D

Acq: 23 May 2025 08:39

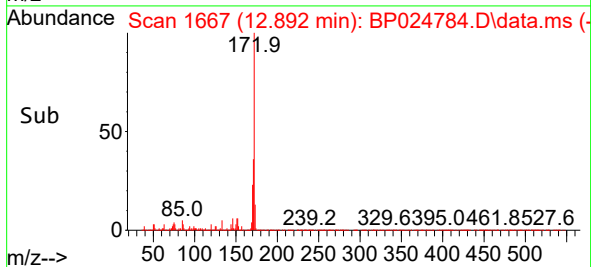
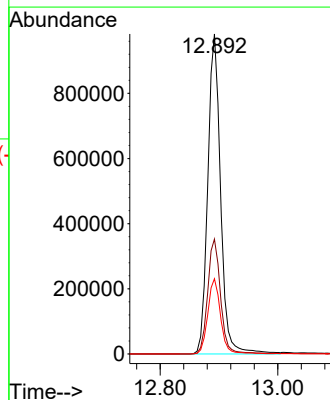
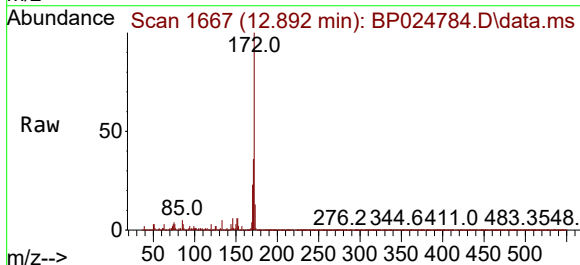
Tgt Ion:172 Resp: 1492767

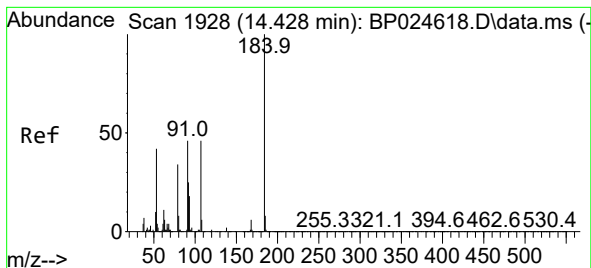
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.5 18.8 28.2

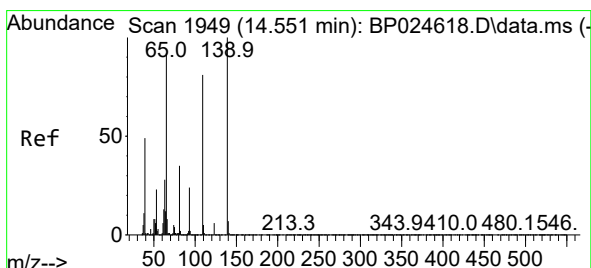
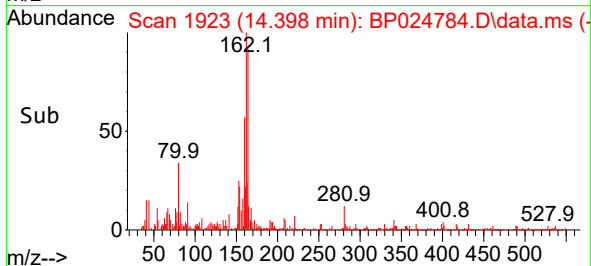
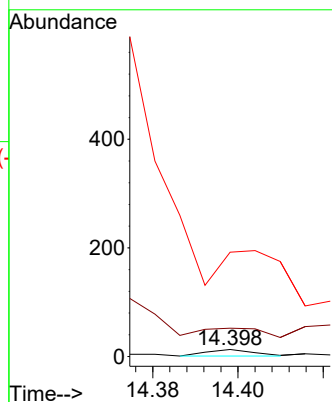
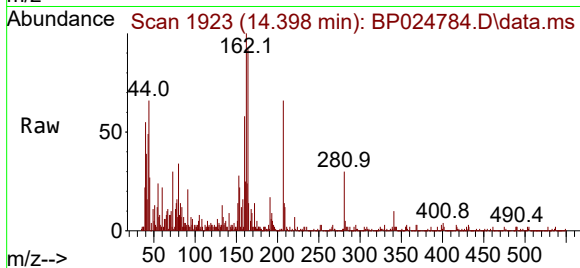




#54
2,4-Dinitrophenol
Concen: 6.404 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.030 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

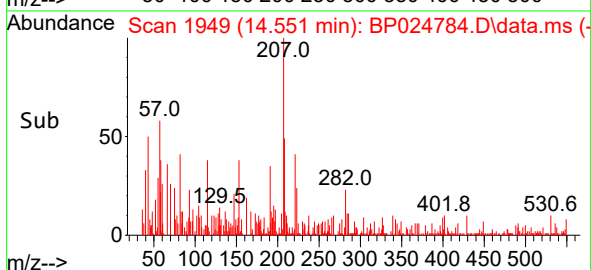
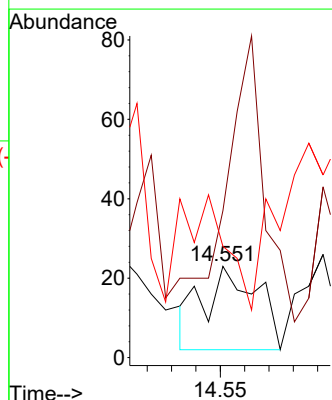
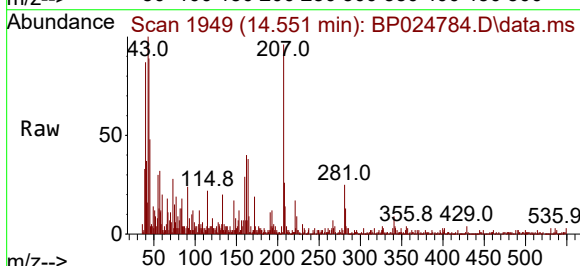
Instrument :
BNA_P
ClientSampleId :

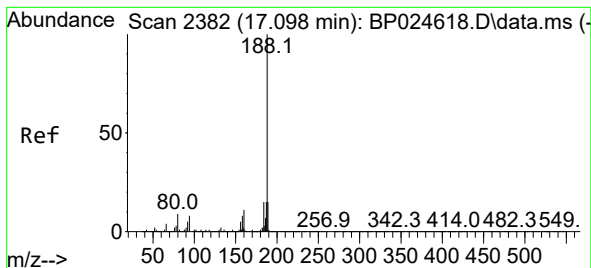
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 400.0 51.3 76.9#
154 1476.9 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.242 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

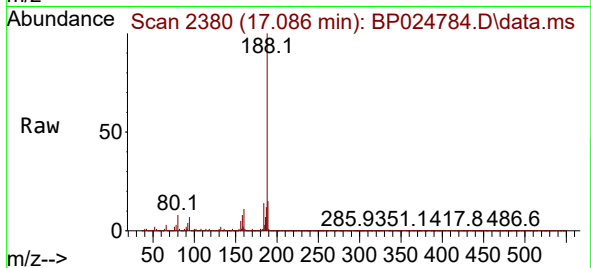
Tgt Ion:139 Resp: 32
Ion Ratio Lower Upper
139 100
109 160.9 61.4 101.4#
65 121.7 72.2 112.2#



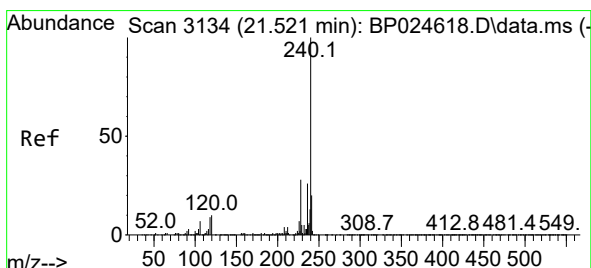
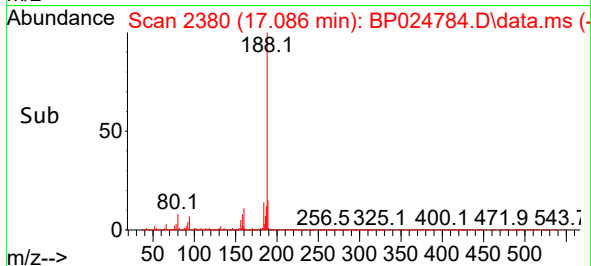
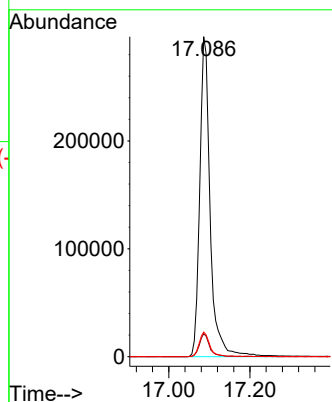


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Instrument :
BNA_P
ClientSampleId :

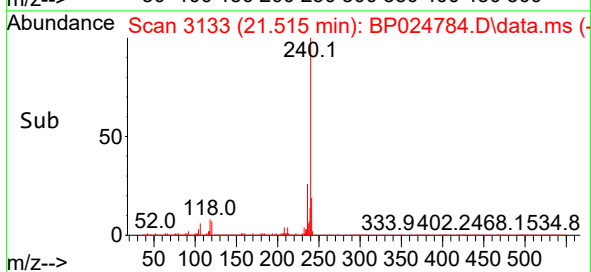
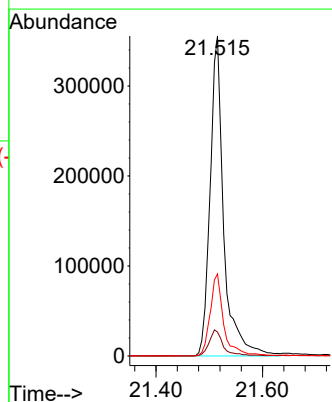
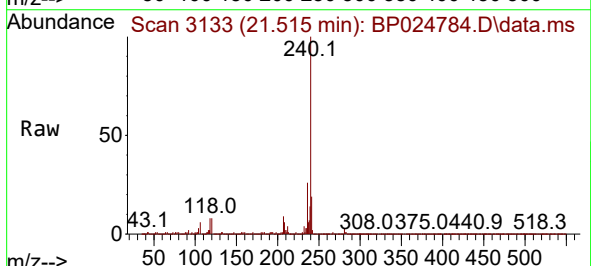


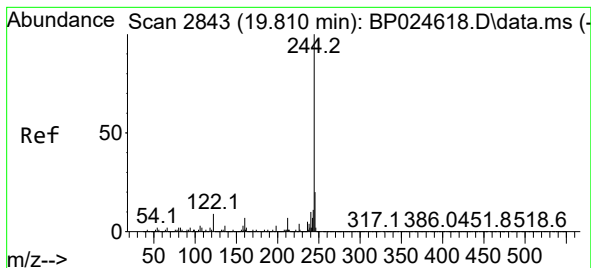
Tgt Ion:188 Resp: 532259
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 7.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion:240 Resp: 631295
Ion Ratio Lower Upper
240 100
120 7.5 7.8 11.6#
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 85.444 ng

RT: 19.810 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024784.D

Acq: 23 May 2025 08:39

Instrument :

BNA_P

ClientSampleId :

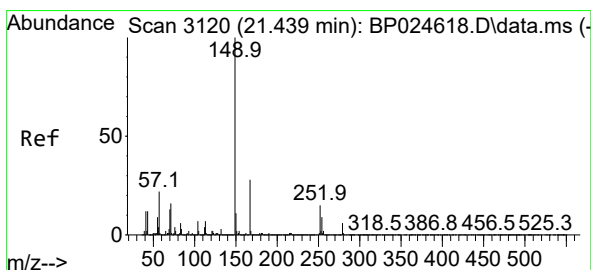
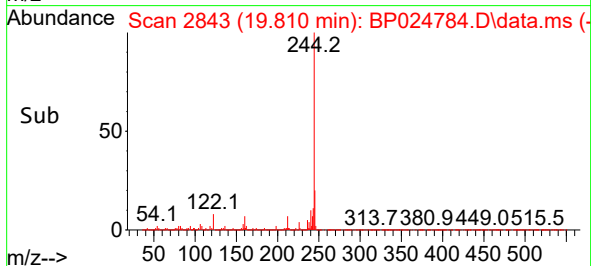
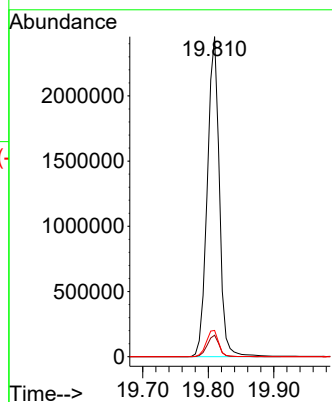
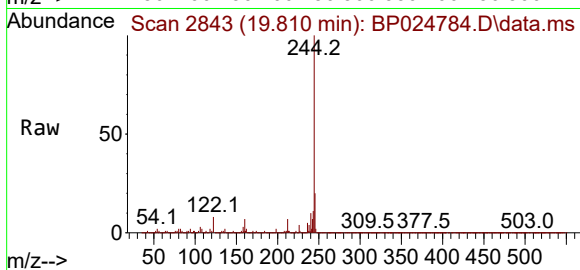
Tgt Ion:244 Resp: 3145777

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.2 7.4 11.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.544 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.012 min

Lab File: BP024784.D

Acq: 23 May 2025 08:39

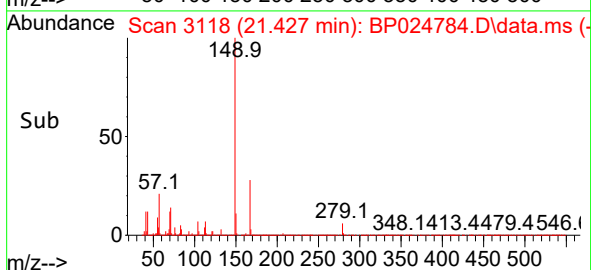
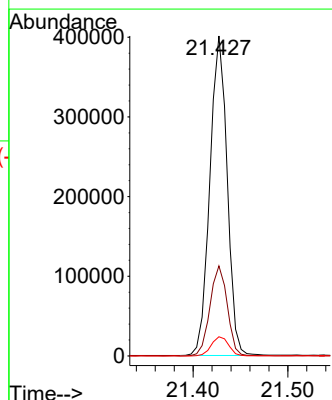
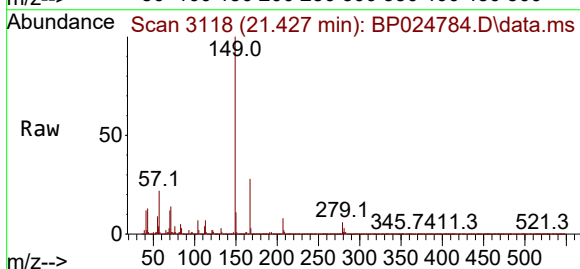
Tgt Ion:149 Resp: 507988

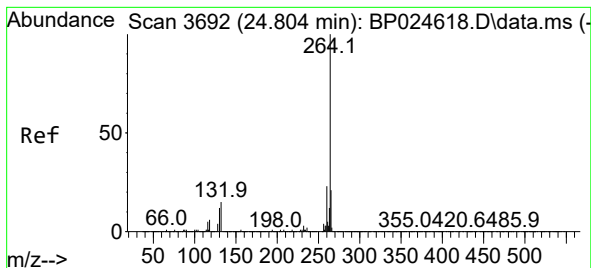
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 6.0 4.6 6.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 30

Delta R.T. 0.006 min

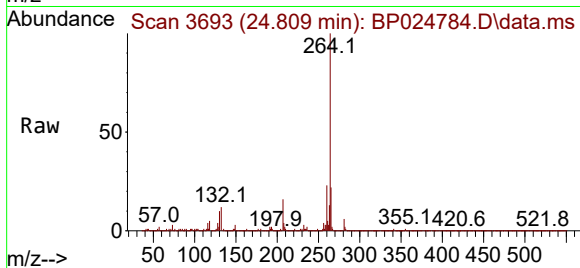
Lab File: BP024784.D

Acq: 23 May 2025 08:39

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 765740

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.2 17.0 25.6

