

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025987.D
 Acq On : 21 Oct 2025 15:35
 Operator : RC/JU
 Sample : Q3369-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-22

Quant Time: Oct 21 15:57:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

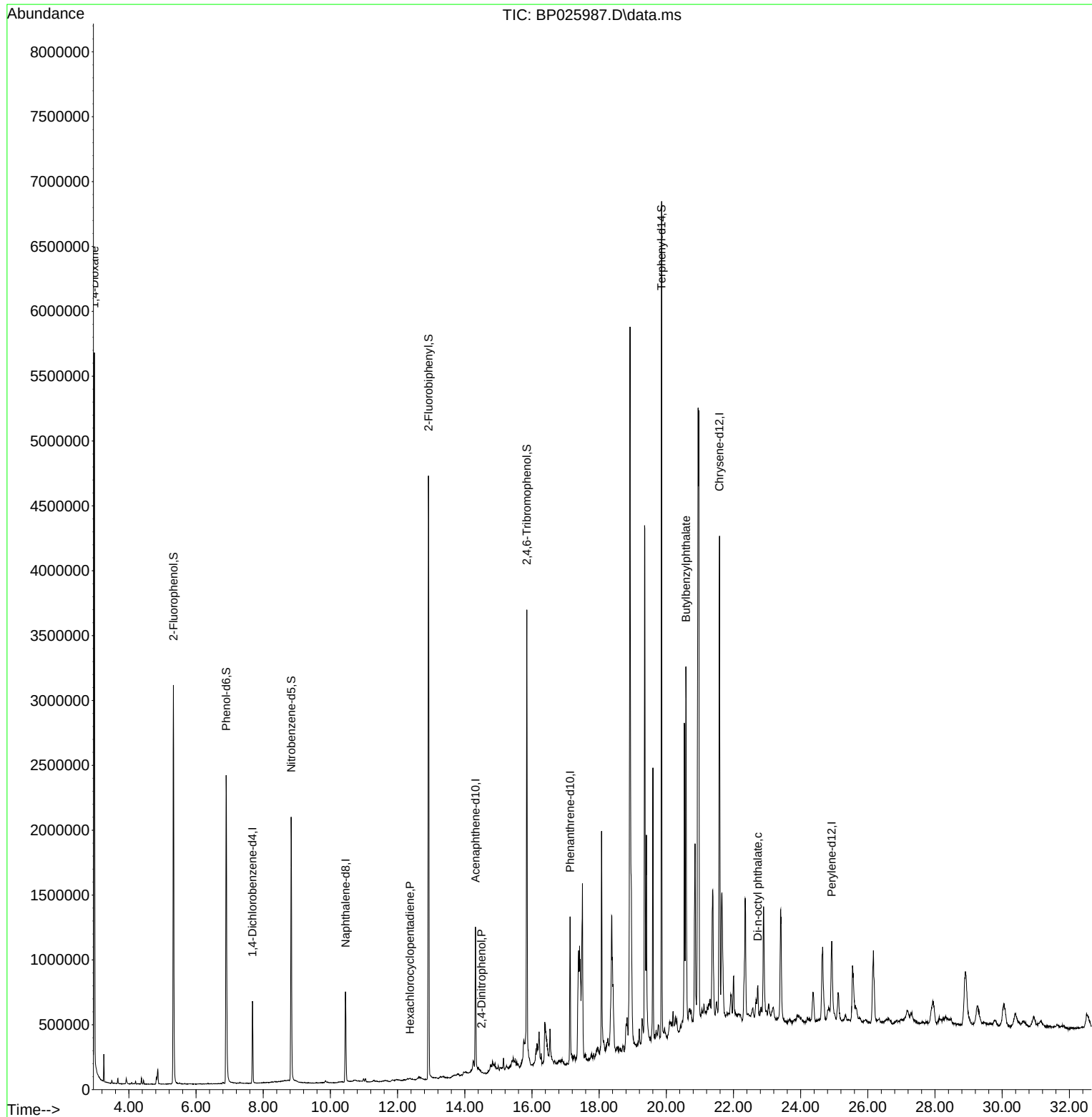
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	171438	20.000	ng	-0.02
21) Naphthalene-d8	10.448	136	635897	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	385704	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	696834	20.000	ng	0.02
76) Chrysene-d12	21.583	240	587973	20.000	ng	# 0.00
86) Perylene-d12	24.924	264	769574	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	1341130	128.258	ng	-0.01
7) Phenol-d6	6.896	99	1576808	108.056	ng	-0.01
23) Nitrobenzene-d5	8.831	82	1193018	84.327	ng	-0.02
42) 2,4,6-Tribromophenol	15.848	330	628398	121.021	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2479566	82.398	ng	-0.01
79) Terphenyl-d14	19.860	244	2878647	78.245	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.972	88	40221	9.711	ng	# 1
41) Hexachlorocyclopentadiene	12.366	237	19	5.384	ng	80
54) 2,4-Dinitrophenol	14.495	184	79	5.456	ng	# 1
80) Butylbenzylphthalate	20.583	149	62992	3.650	ng	# 48
85) Di-n-octyl phthalate	22.724	149	299787	7.369	ng	# 99

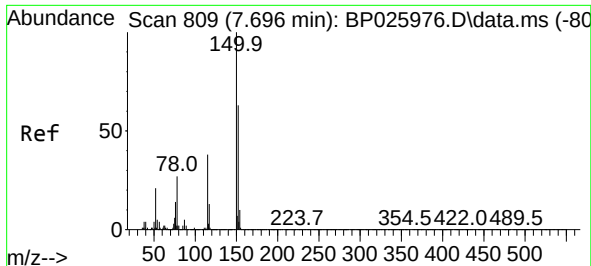
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
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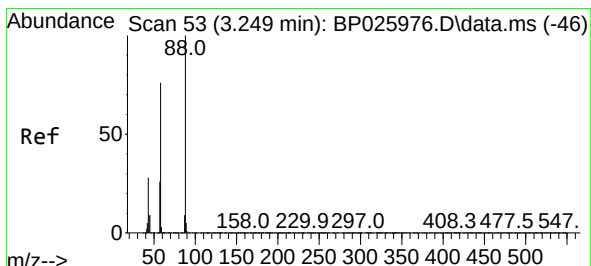
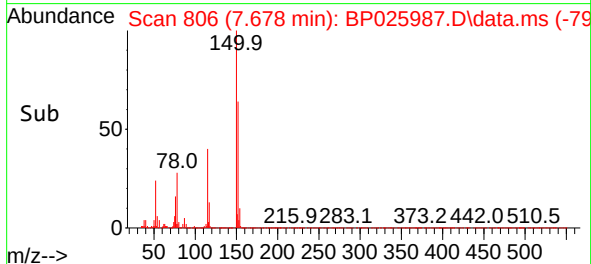
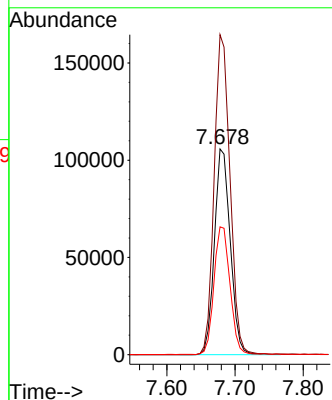
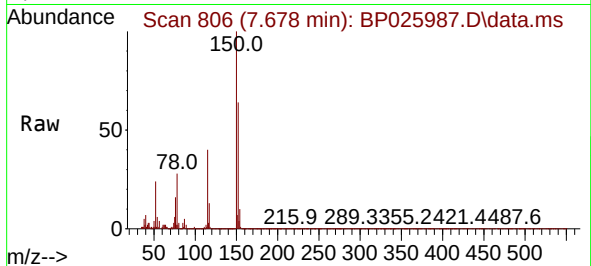




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

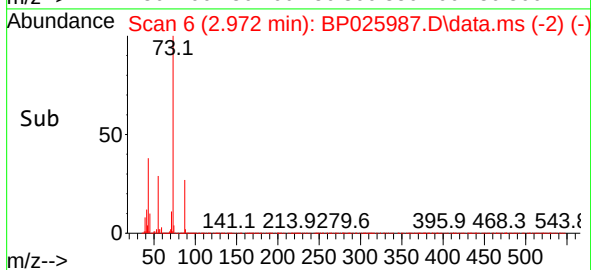
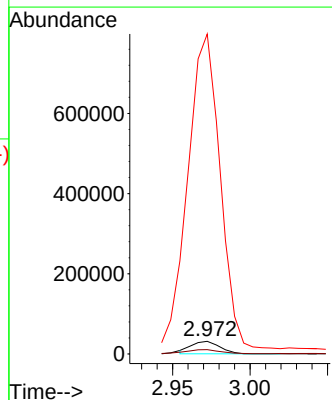
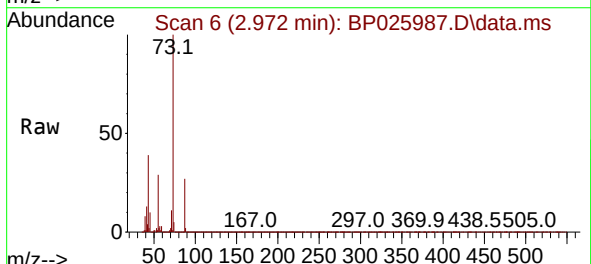
Instrument :
BNA_P
ClientSampleId :
MH-22

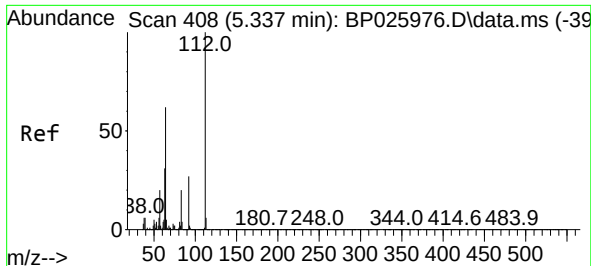
Tgt Ion:152 Resp: 171438
Ion Ratio Lower Upper
152 100
150 155.5 127.3 190.9
115 62.1 48.7 73.1



#2
1,4-Dioxane
Concen: 9.711 ng
RT: 2.972 min Scan# 6
Delta R.T. -0.277 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

Tgt Ion: 88 Resp: 40221
Ion Ratio Lower Upper
88 100
58 31.9 61.9 92.9#
43 2555.0 22.6 33.8#

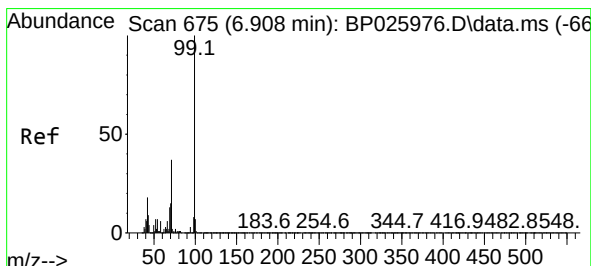
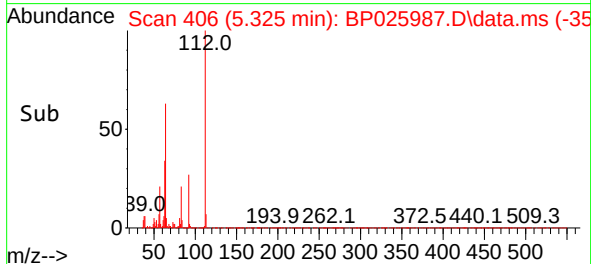
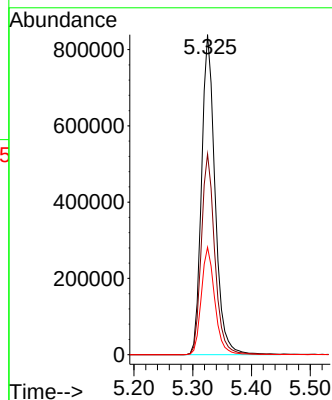
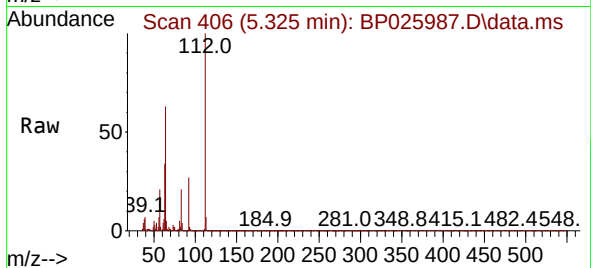




#5
2-Fluorophenol
Concen: 128.258 ng
RT: 5.325 min Scan# 408
Delta R.T. -0.012 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

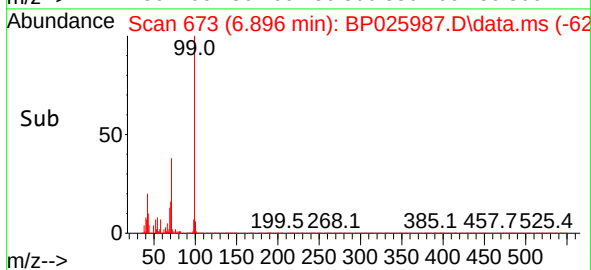
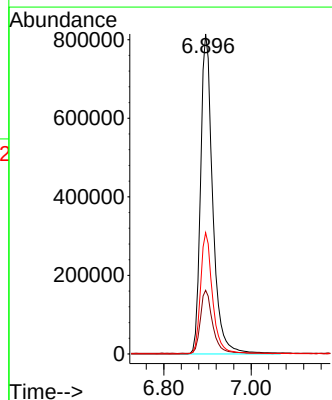
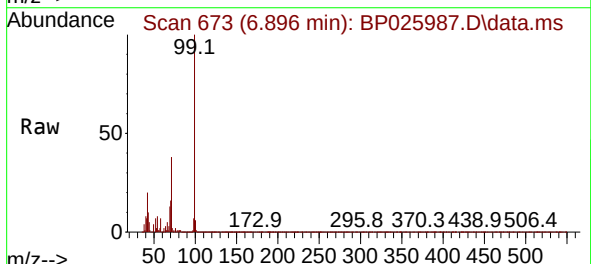
Instrument :
BNA_P
ClientSampleId :
MH-22

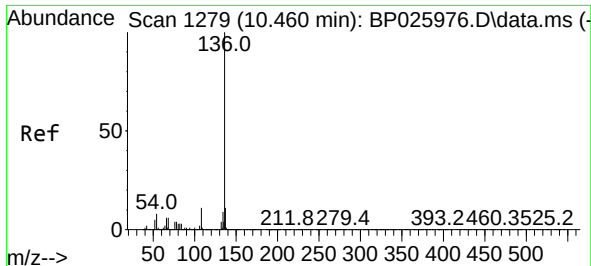
Tgt Ion:112 Resp: 1341130
Ion Ratio Lower Upper
112 100
64 62.7 49.9 74.9
63 33.6 24.9 37.3



#7
Phenol-d6
Concen: 108.056 ng
RT: 6.896 min Scan# 673
Delta R.T. -0.012 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

Tgt Ion: 99 Resp: 1576808
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 37.9 29.4 44.0



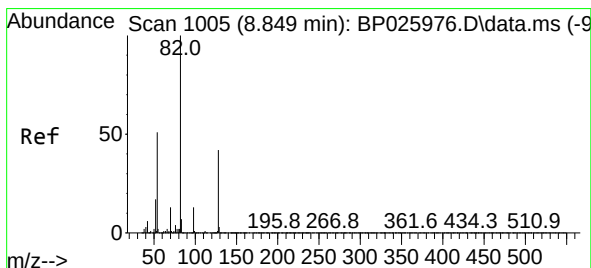
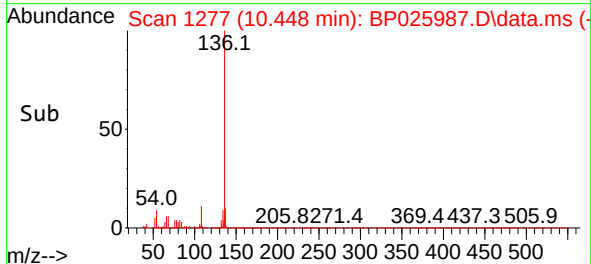
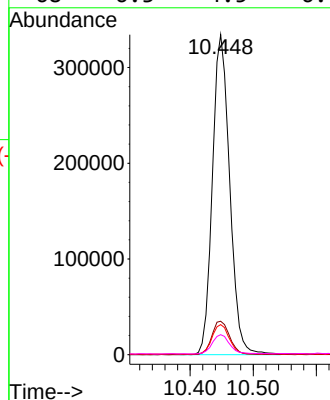
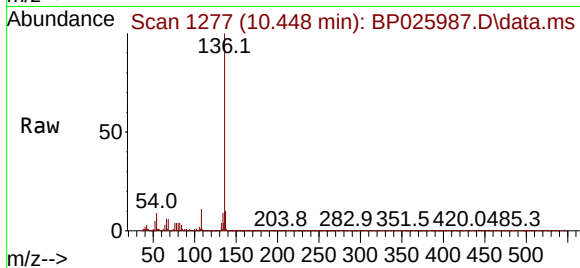


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

Instrument :
BNA_P
ClientSampleId :
MH-22

Tgt Ion:136 Resp: 635897

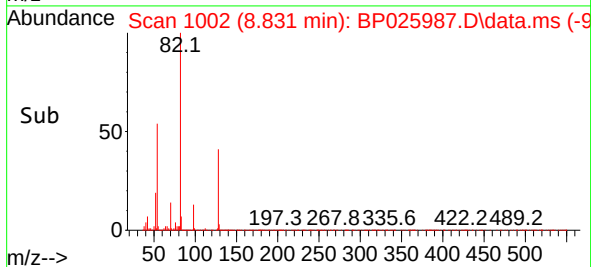
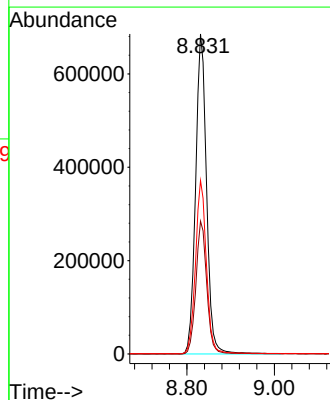
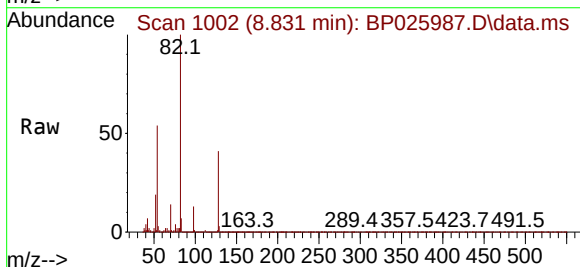
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	9.4	6.8	10.2
68	6.3	4.5	6.7

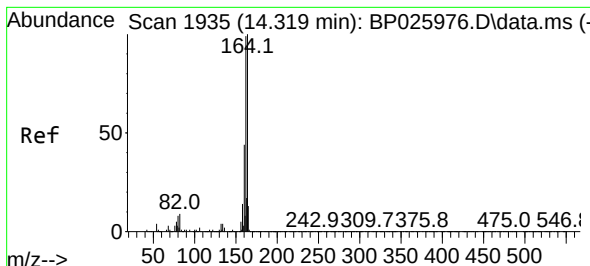


#23
Nitrobenzene-d5
Concen: 84.327 ng
RT: 8.831 min Scan# 1002
Delta R.T. -0.018 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

Tgt Ion: 82 Resp: 1193018

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.6	50.4
54	54.2	40.6	61.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BP025987.D

Acq: 21 Oct 2025 15:35

Instrument :

BNA_P

ClientSampleId :

MH-22

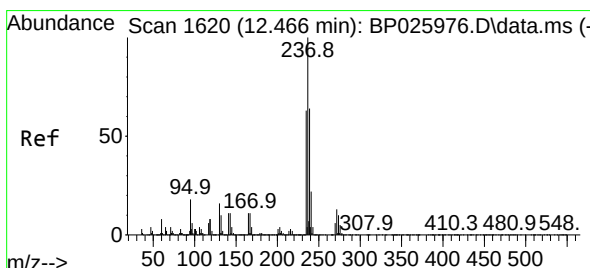
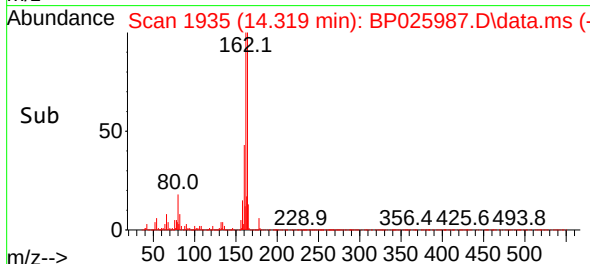
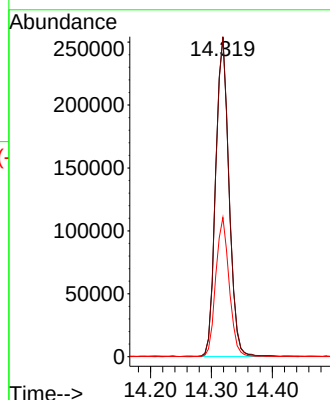
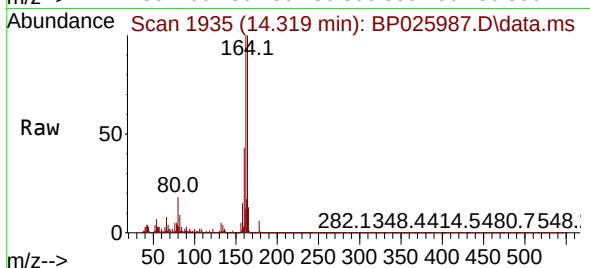
Tgt Ion:164 Resp: 385704

Ion Ratio Lower Upper

164 100

162 100.2 79.3 118.9

160 43.6 35.4 53.0



#41

Hexachlorocyclopentadiene

Concen: 5.384 ng

RT: 12.366 min Scan# 1603

Delta R.T. -0.100 min

Lab File: BP025987.D

Acq: 21 Oct 2025 15:35

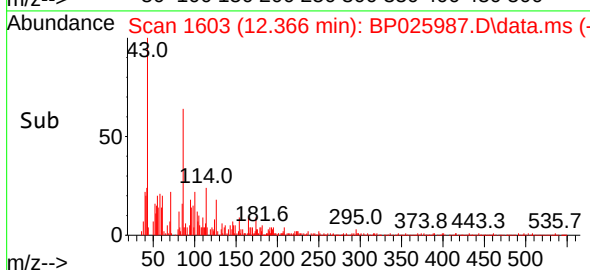
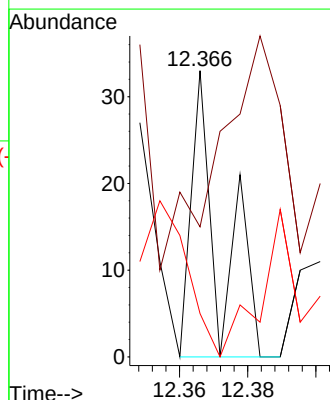
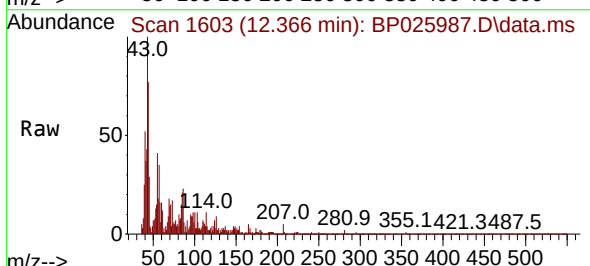
Tgt Ion:237 Resp: 19

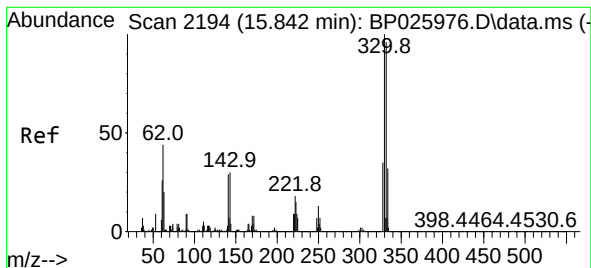
Ion Ratio Lower Upper

237 100

235 45.5 43.1 83.1

272 15.2 0.0 33.4





#42

2,4,6-Tribromophenol

Concen: 121.021 ng

RT: 15.848 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BP025987.D

Acq: 21 Oct 2025 15:35

Instrument :

BNA_P

ClientSampleId :

MH-22

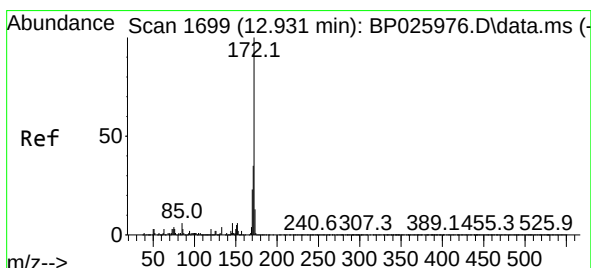
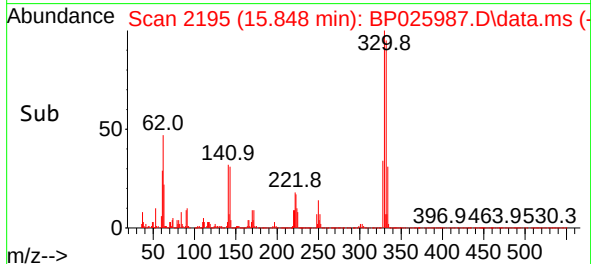
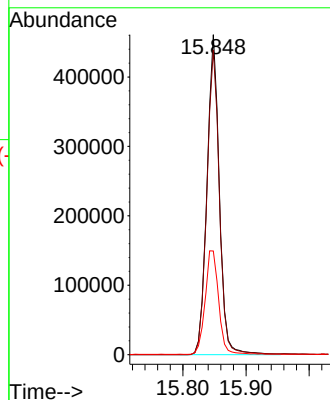
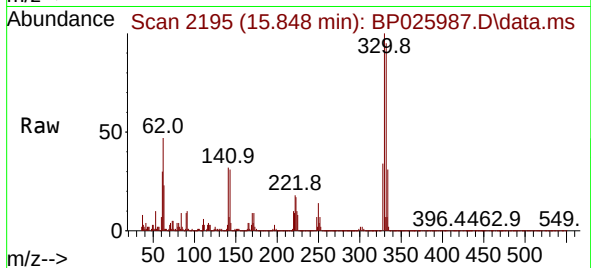
Tgt Ion:330 Resp: 628398

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.8

141 35.3 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 82.398 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP025987.D

Acq: 21 Oct 2025 15:35

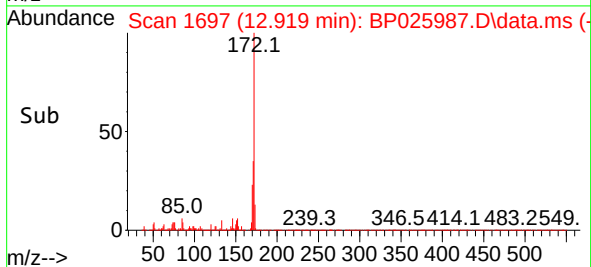
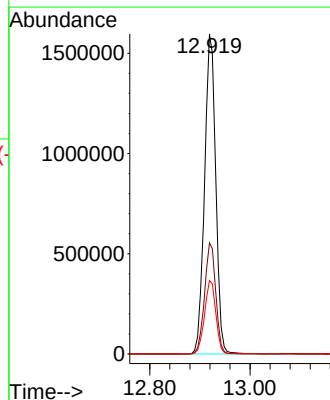
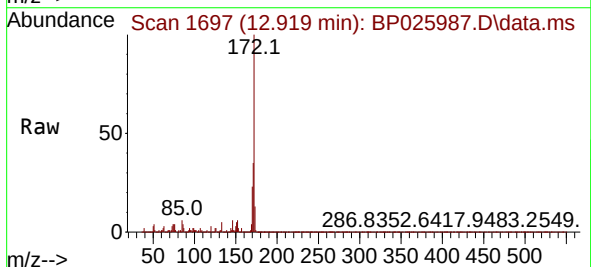
Tgt Ion:172 Resp: 2479566

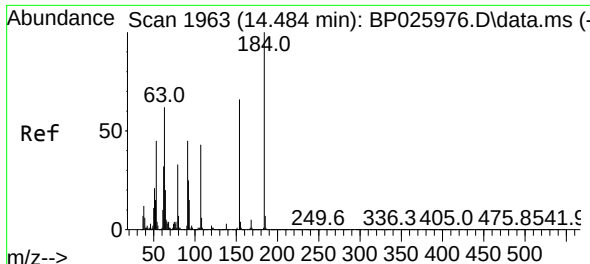
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 22.9 18.5 27.7

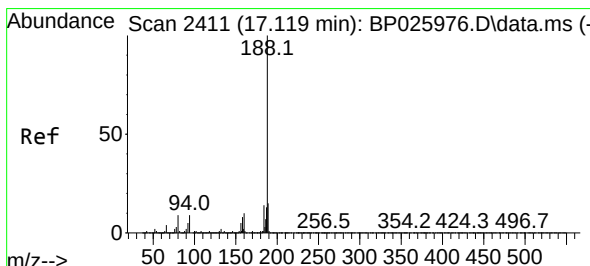
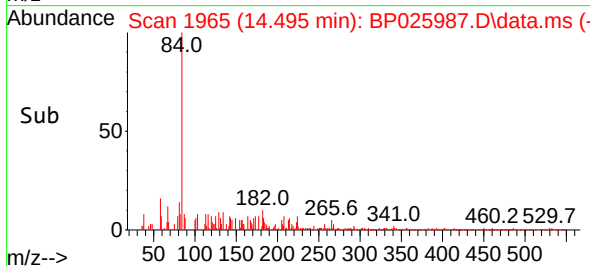
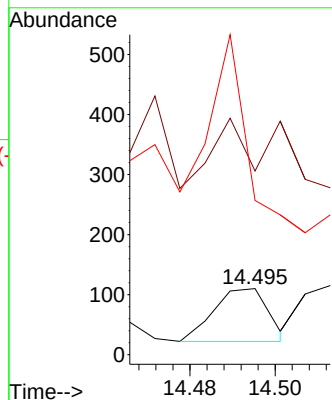
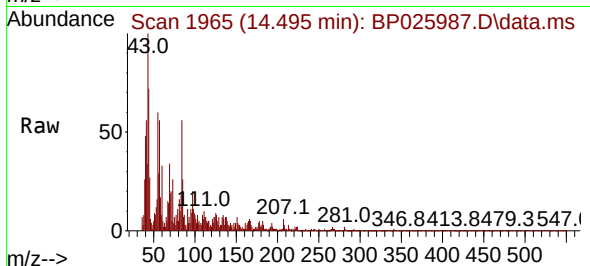




#54
2,4-Dinitrophenol
Concen: 5.456 ng
RT: 14.495 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

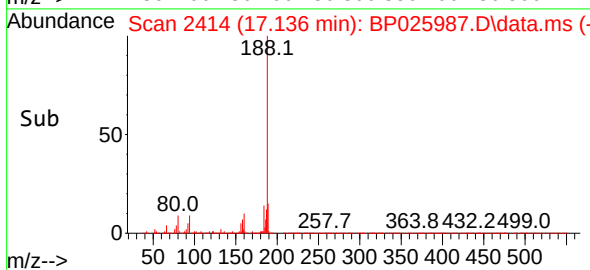
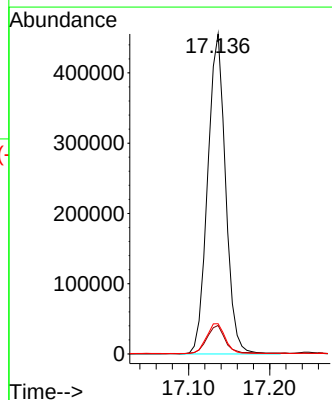
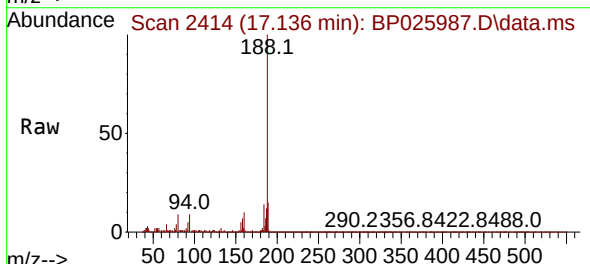
Instrument :
BNA_P
ClientSampleId :
MH-22

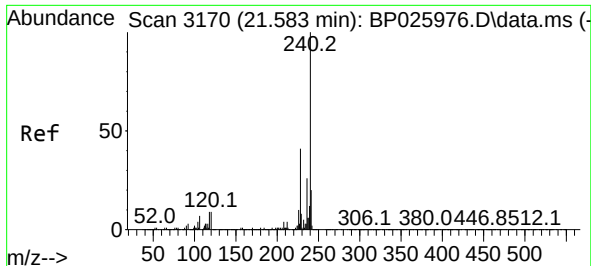
Tgt Ion:184	Resp:	79
Ion Ratio	Lower	Upper
184	100	
63	278.2	50.2 75.2#
154	233.6	54.2 81.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2414
Delta R.T. 0.018 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

Tgt Ion:188	Resp:	696834
Ion Ratio	Lower	Upper
188	100	
94	8.9	6.8 10.2
80	9.5	7.2 10.8

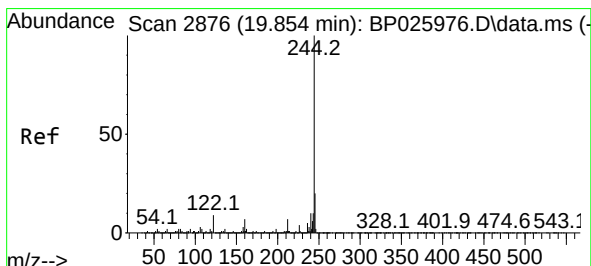
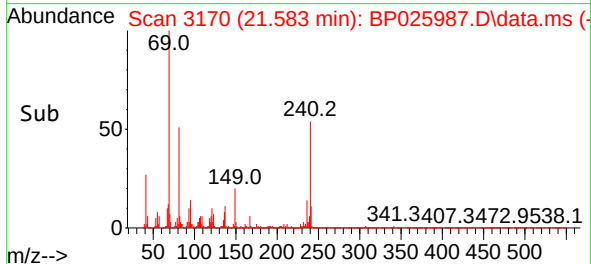
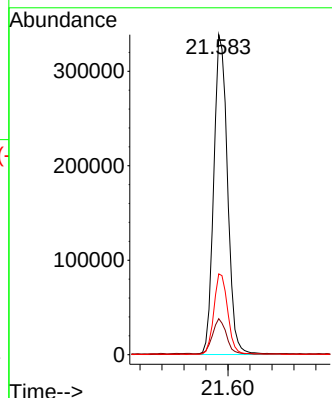
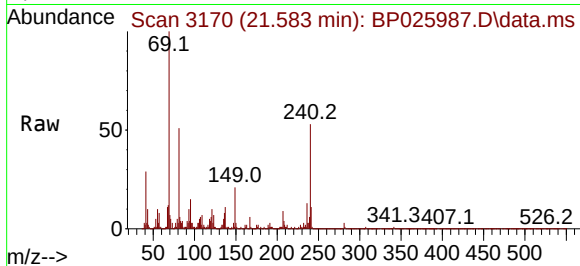




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

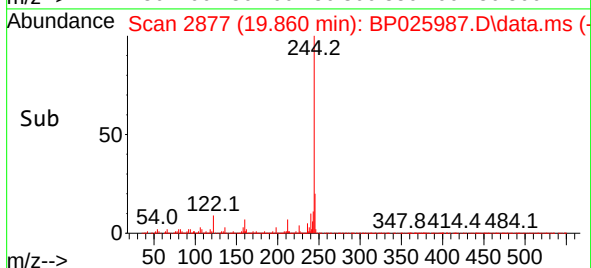
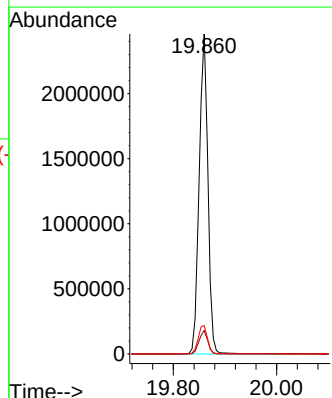
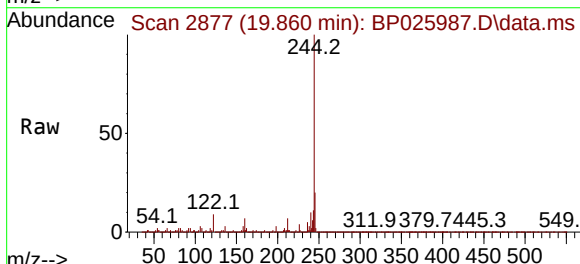
Instrument :
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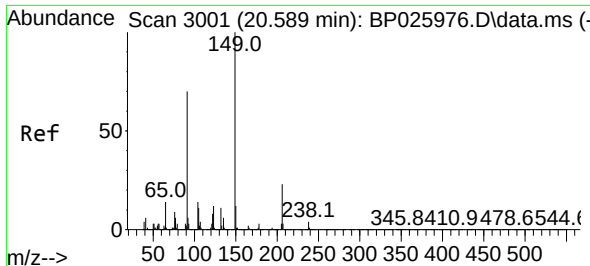
Tgt Ion:240 Resp: 587973
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.0#
236 25.3 20.4 30.6



#79
Terphenyl-d14
Concen: 78.245 ng
RT: 19.860 min Scan# 2877
Delta R.T. 0.006 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

Tgt Ion:244 Resp: 2878647
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.9 7.1 10.7

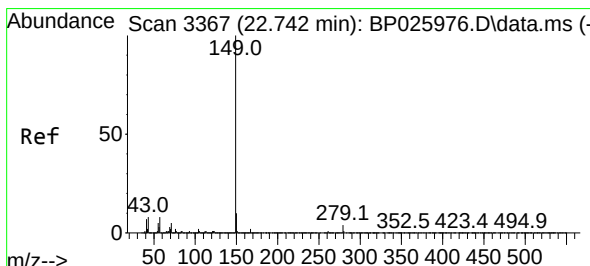
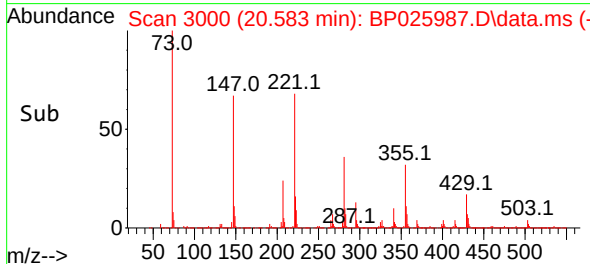
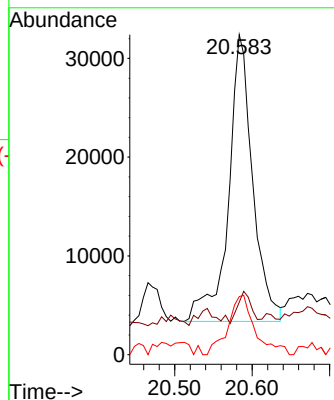
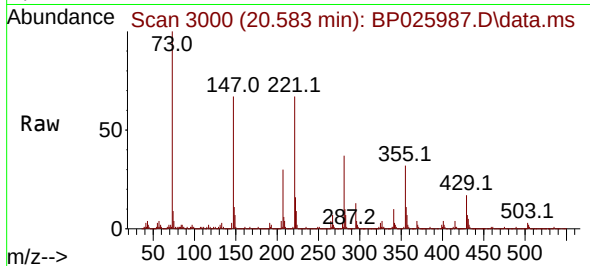




#80
Butylbenzylphthalate
Concen: 3.650 ng
RT: 20.583 min Scan# 3001
Delta R.T. -0.006 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

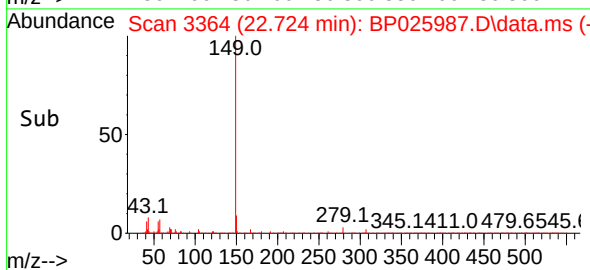
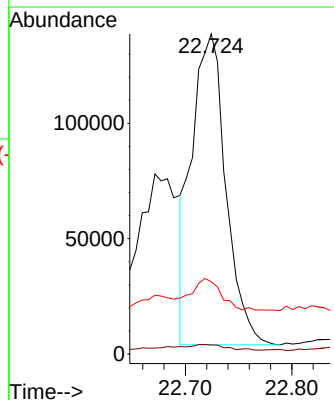
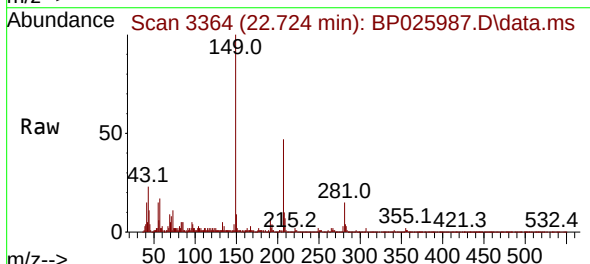
Instrument :
BNA_P
ClientSampleId :
MH-22

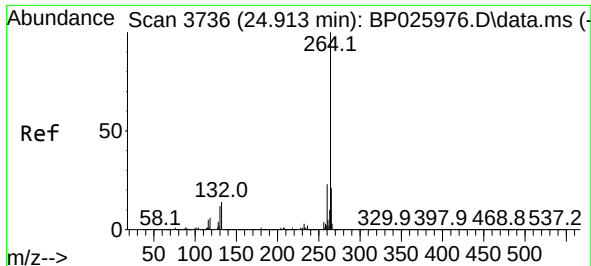
Tgt Ion:149 Resp: 62992
Ion Ratio Lower Upper
149 100
91 16.4 56.0 84.0#
206 18.1 18.6 27.8#



#85
Di-n-octyl phthalate
Concen: 7.369 ng
RT: 22.724 min Scan# 3364
Delta R.T. -0.018 min
Lab File: BP025987.D
Acq: 21 Oct 2025 15:35

Tgt Ion:149 Resp: 299787
Ion Ratio Lower Upper
149 100
167 3.3 1.3 1.9#
43 9.0 7.2 10.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.924 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP025987.D
 Acq: 21 Oct 2025 15:35

Instrument :
 BNA_P
 ClientSampleId :
 MH-22

Tgt Ion:264 Resp: 769574
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 23.3 17.7 26.5

