

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024133.D
 Acq On : 28 Feb 2025 13:31
 Operator : RC/JU
 Sample : PB166890BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166890BL

Quant Time: Feb 28 13:52:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

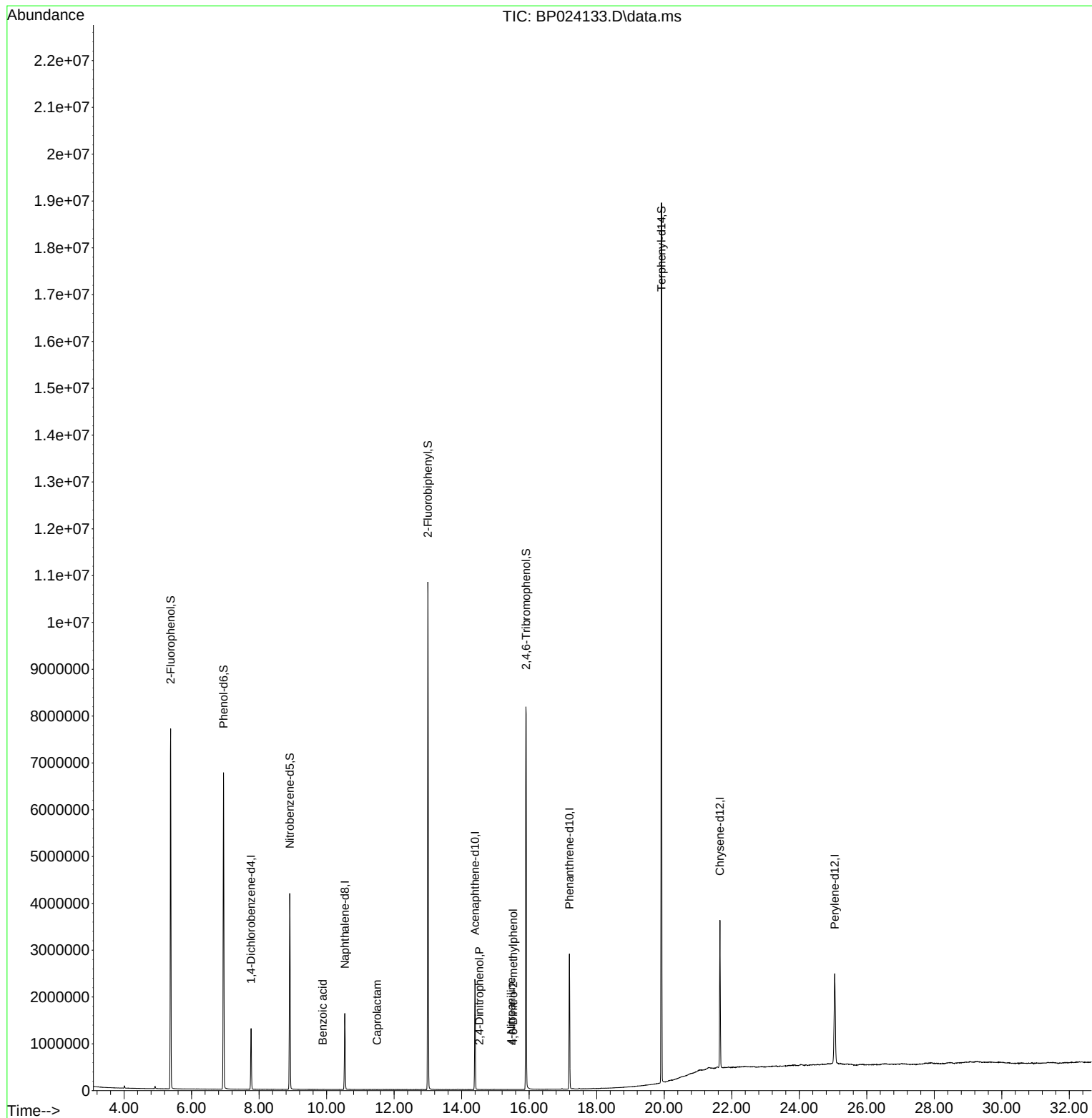
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	367881	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1405133	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	835299	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1671238	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1717685	20.000	ng	0.00
86) Perylene-d12	25.051	264	1892079	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3469344	147.152	ng	0.00
7) Phenol-d6	6.946	99	4265874	140.777	ng	0.00
23) Nitrobenzene-d5	8.910	82	2488278	98.794	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1708840	167.018	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	5550897	92.903	ng	0.00
79) Terphenyl-d14	19.922	244	9050146	104.256	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.887	122	107	7.494	ng	# 1
35) Caprolactam	11.493	113	5	5.574	ng	# 1
54) 2,4-Dinitrophenol	14.522	184	43	7.784	ng	# 1
62) 4-Nitroaniline	15.469	138	21	3.289	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.528	198	24	6.011	ng	# 1

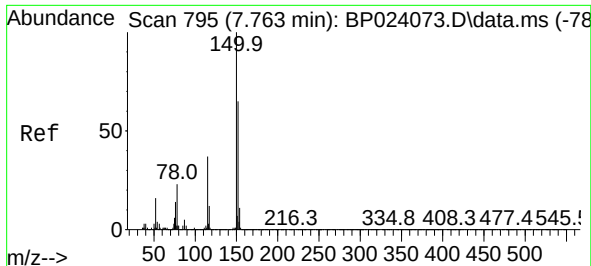
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
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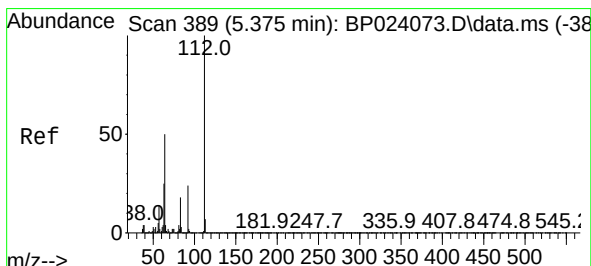
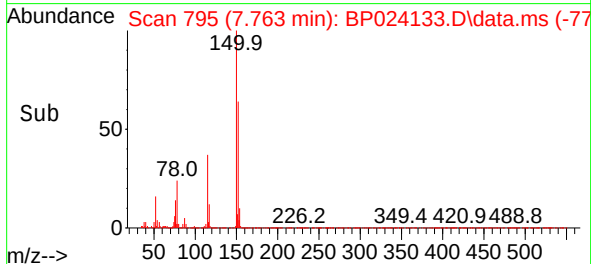
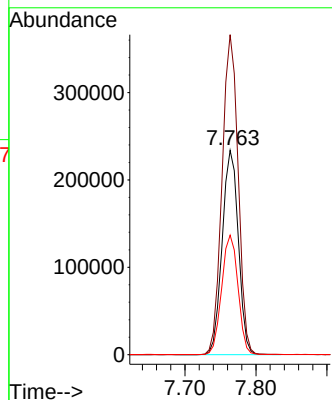
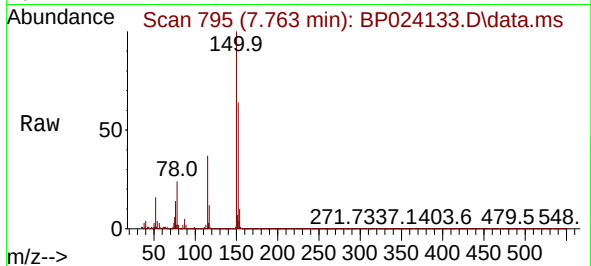




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

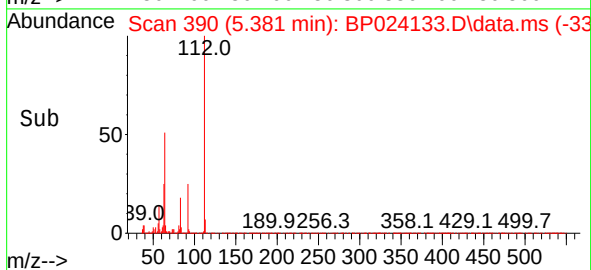
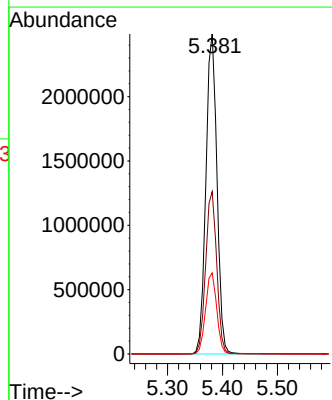
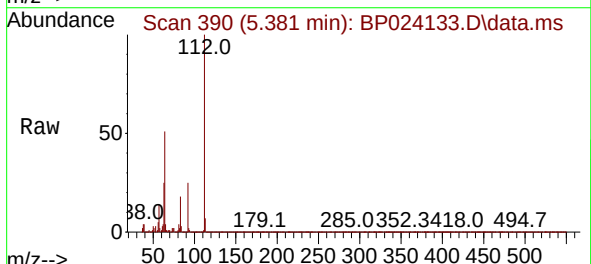
Instrument :
BNA_P
ClientSampleId :
PB166890BL

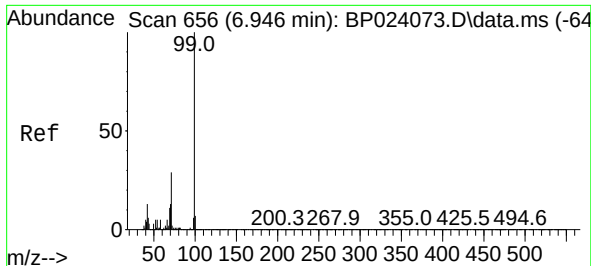
Tgt Ion:152 Resp: 367881
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 58.5 45.0 67.6



#5
2-Fluorophenol
Concen: 147.152 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

Tgt Ion:112 Resp: 3469344
Ion Ratio Lower Upper
112 100
64 50.8 39.6 59.4
63 25.4 20.3 30.5

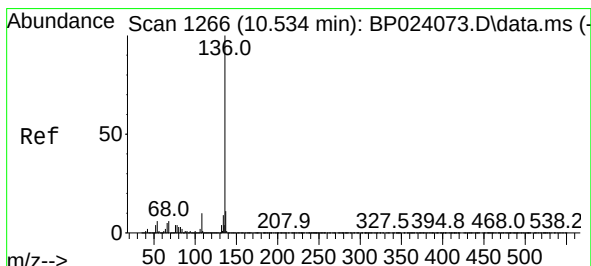
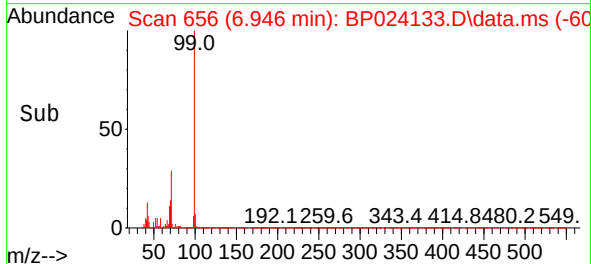
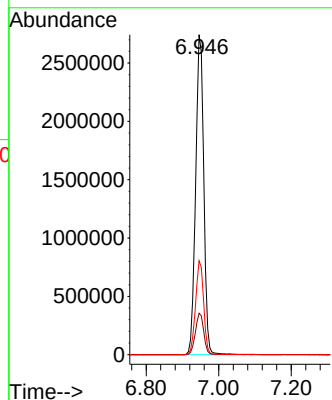
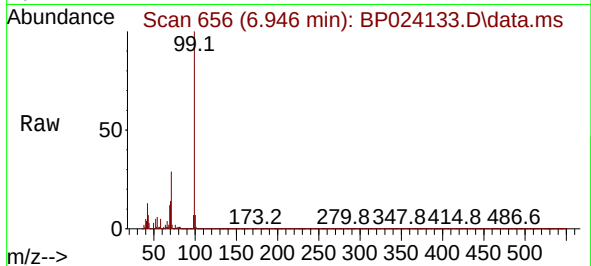




#7
Phenol-d6
Concen: 140.777 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

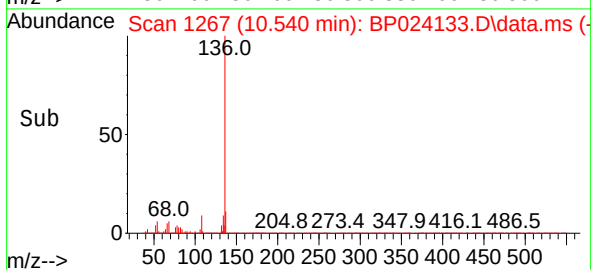
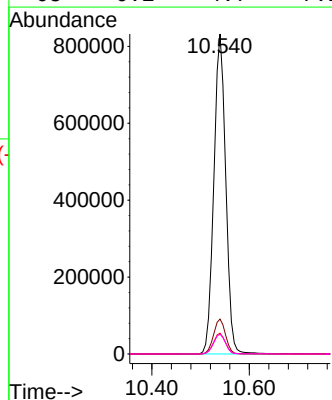
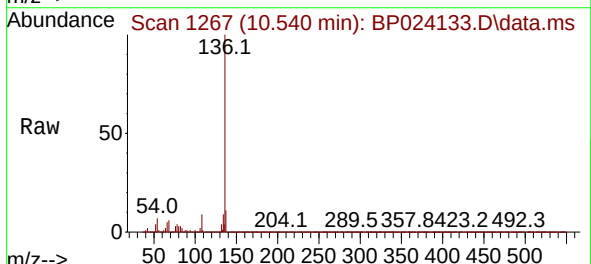
Instrument :
BNA_P
ClientSampleId :
PB166890BL

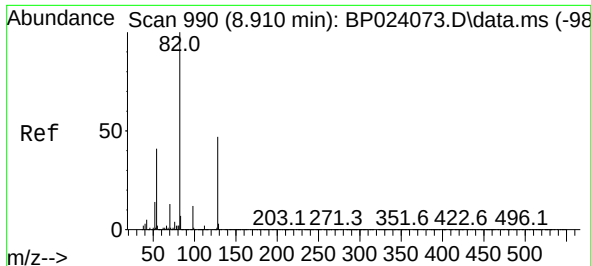
Tgt Ion: 99 Resp: 4265874
Ion Ratio Lower Upper
99 100
42 13.0 10.3 15.5
71 29.4 22.9 34.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

Tgt Ion:136 Resp: 1405133
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.5 4.9 7.3
68 6.2 4.7 7.1

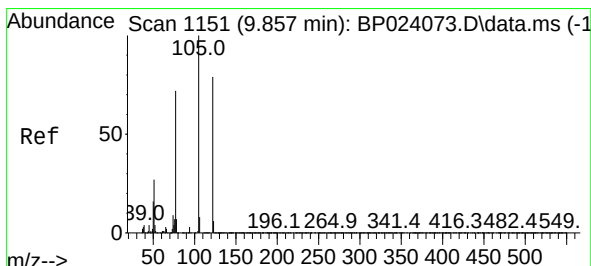
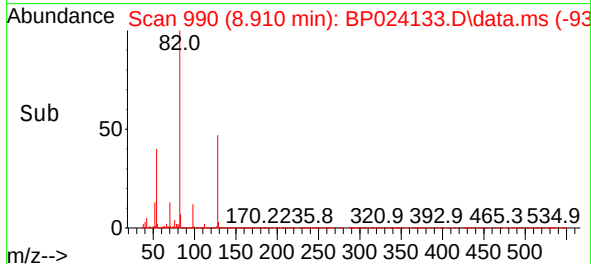
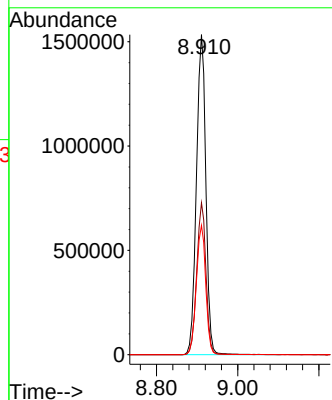
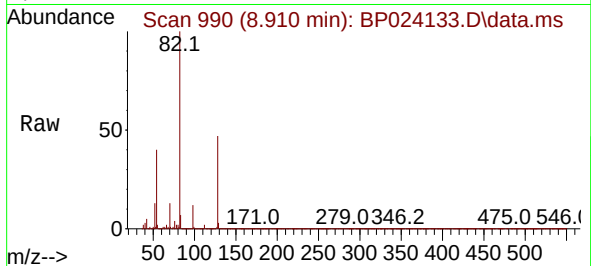




#23
Nitrobenzene-d5
Concen: 98.794 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

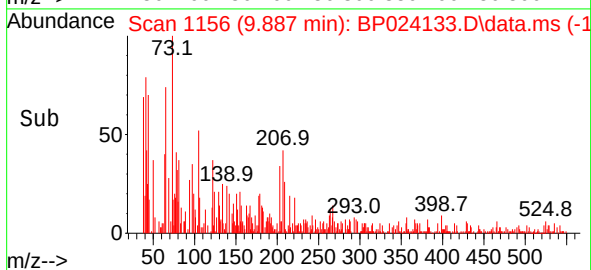
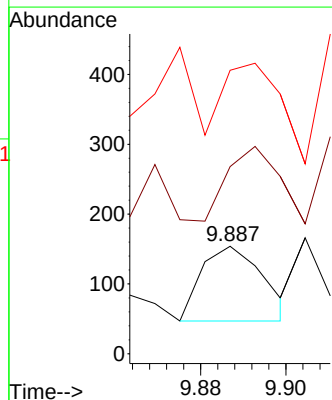
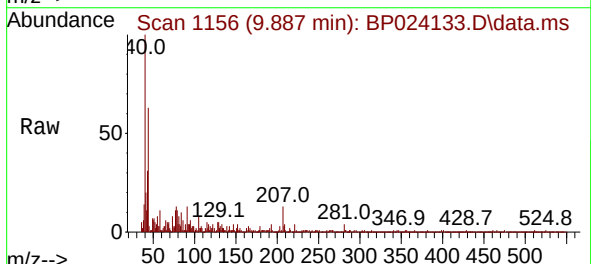
Instrument :
BNA_P
ClientSampleId :
PB166890BL

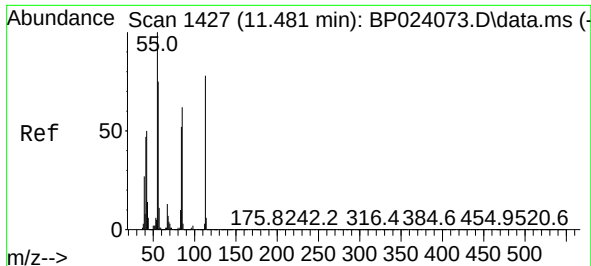
Tgt Ion: 82 Resp: 2488278
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.2
54 40.4 32.4 48.6



#32
Benzoic acid
Concen: 7.494 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.030 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

Tgt Ion: 122 Resp: 107
Ion Ratio Lower Upper
122 100
105 174.0 103.7 143.7#
77 263.6 69.9 109.9#

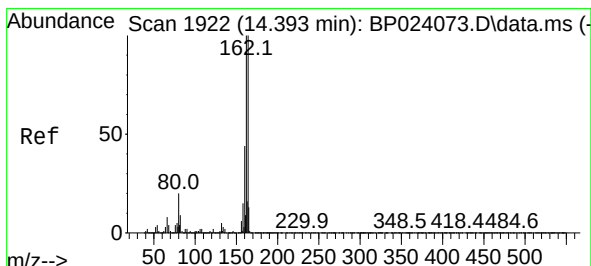
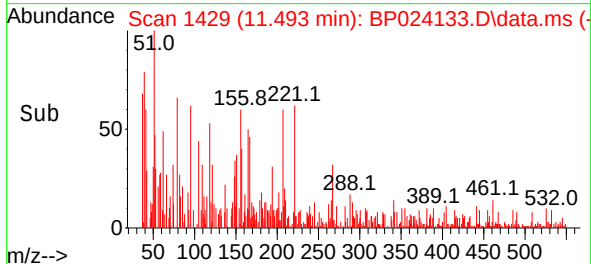
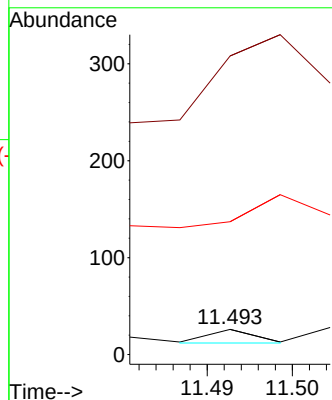
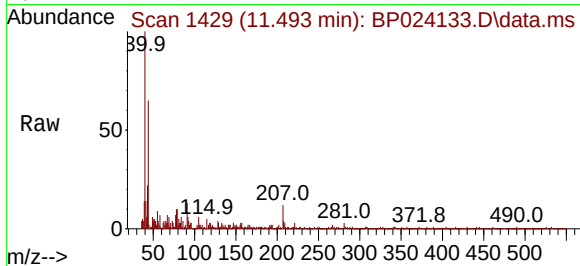




#35
Caprolactam
Concen: 5.574 ng
RT: 11.493 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

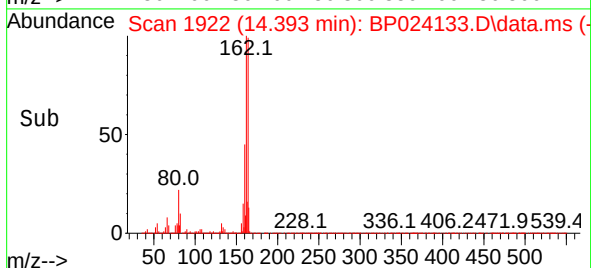
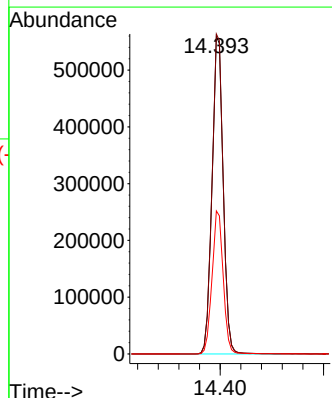
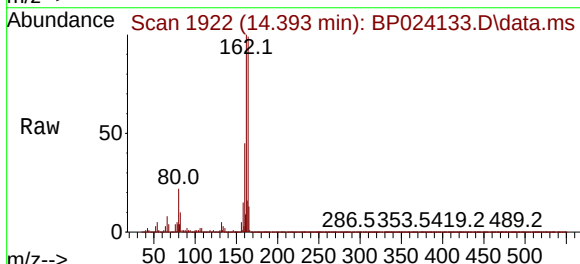
Instrument :
BNA_P
ClientSampleId :
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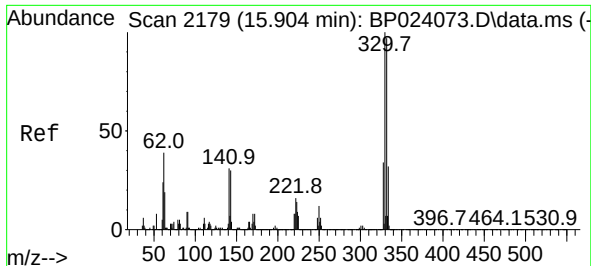
Tgt Ion:113 Resp: 5
Ion Ratio Lower Upper
113 100
55 1184.6 108.8 148.8#
56 526.9 76.5 116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

Tgt Ion:164 Resp: 835299
Ion Ratio Lower Upper
164 100
162 100.7 80.1 120.1
160 45.0 35.6 53.4

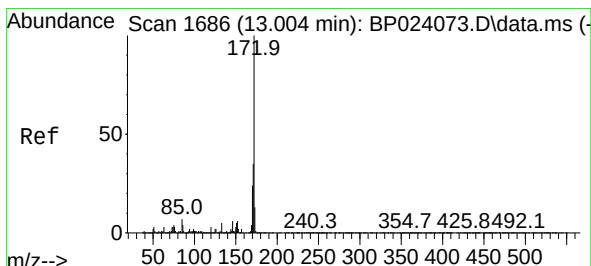
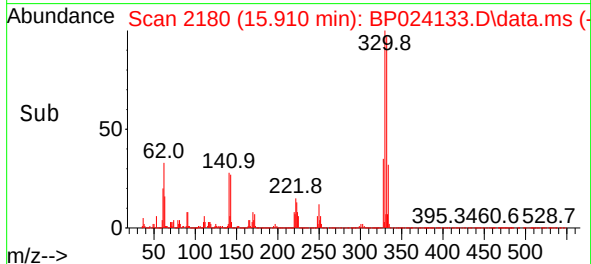
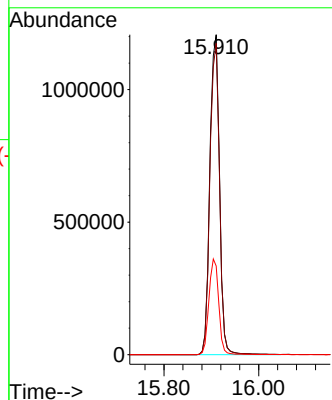
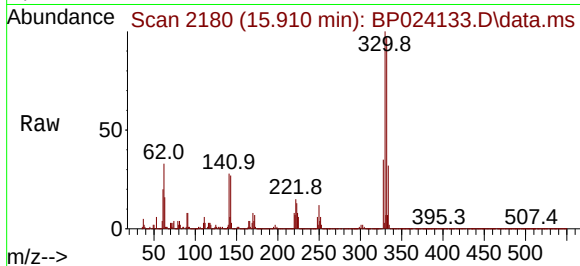




#42
2,4,6-Tribromophenol
Concen: 167.018 ng
RT: 15.910 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

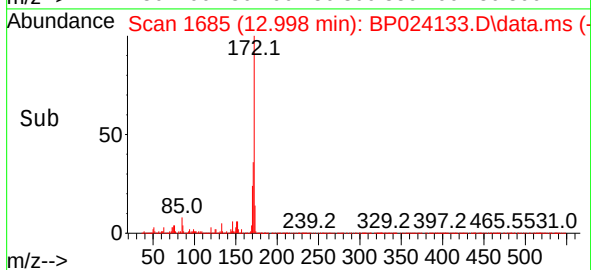
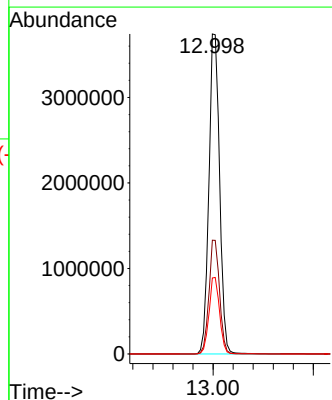
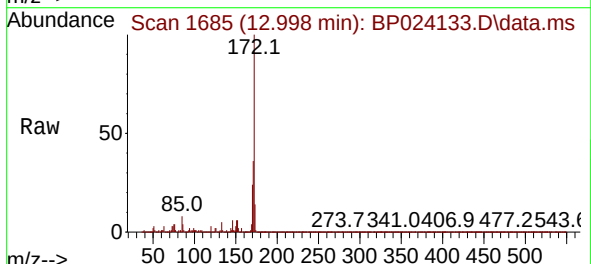
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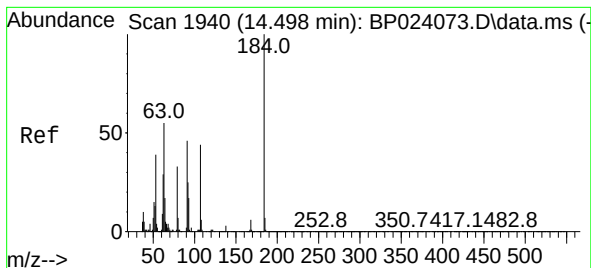
Tgt Ion:330 Resp: 1708840
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 30.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 92.903 ng
RT: 12.998 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

Tgt Ion:172 Resp: 5550897
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.7 19.0 28.6

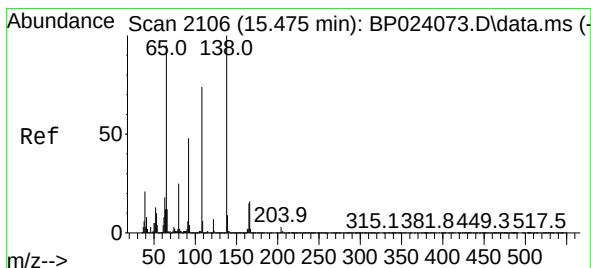
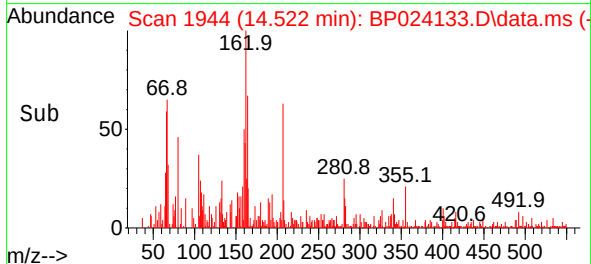
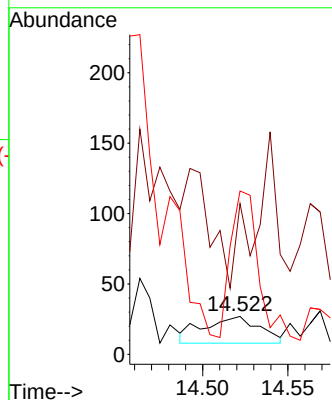
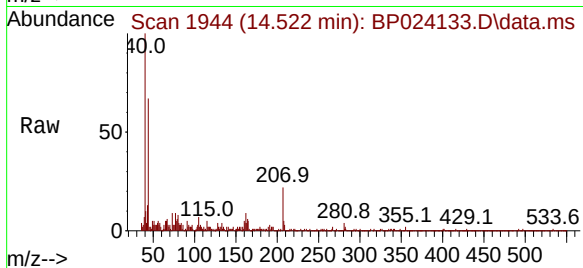




#54
2,4-Dinitrophenol
Concen: 7.784 ng
RT: 14.522 min Scan# 1944
Delta R.T. 0.024 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

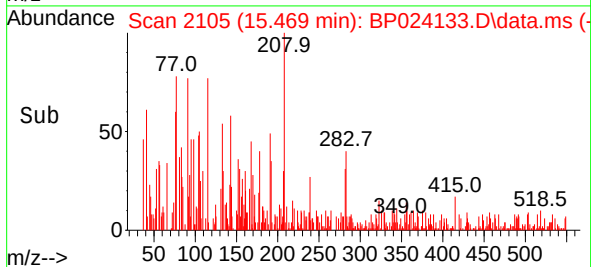
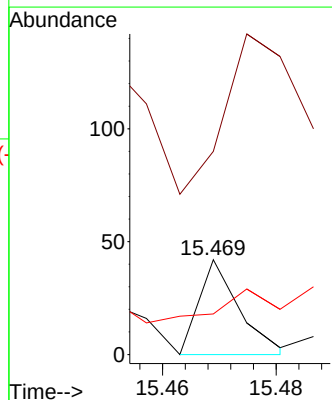
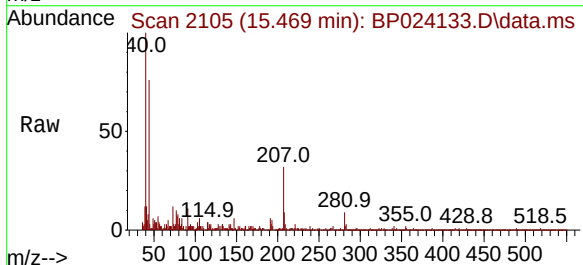
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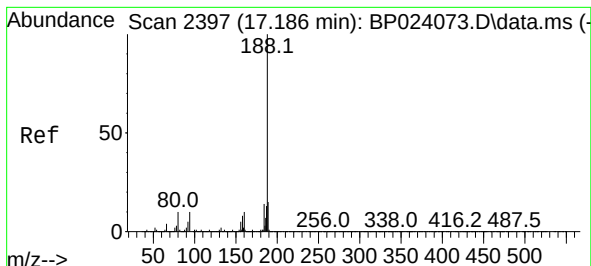
Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 396.3 49.4 74.0#
154 429.6 49.2 73.8#



#62
4-Nitroaniline
Concen: 3.289 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP024133.D
Acq: 28 Feb 2025 13:31

Tgt Ion:138 Resp: 21
Ion Ratio Lower Upper
138 100
92 214.3 28.3 68.3#
108 42.9 54.0 94.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP024133.D

Acq: 28 Feb 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB166890BL

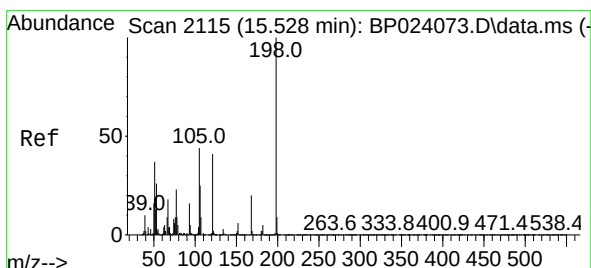
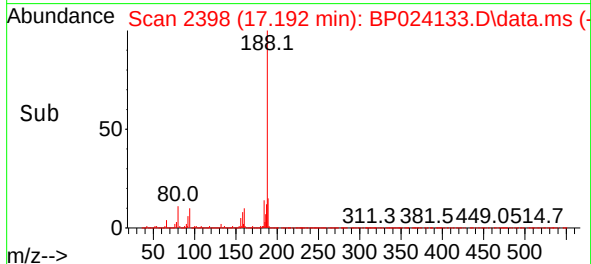
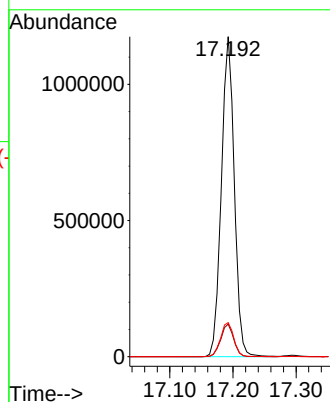
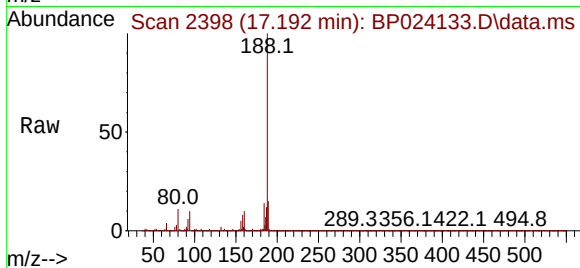
Tgt Ion:188 Resp: 1671238

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.7 8.2 12.2



#65

4,6-Dinitro-2-methylphenol

Concen: 6.011 ng

RT: 15.528 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BP024133.D

Acq: 28 Feb 2025 13:31

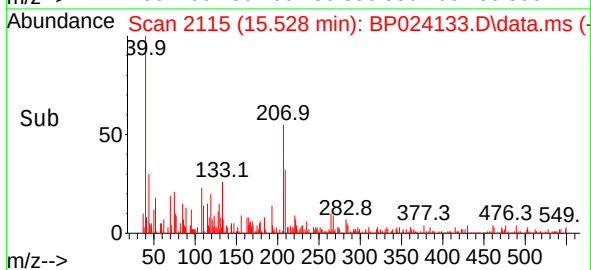
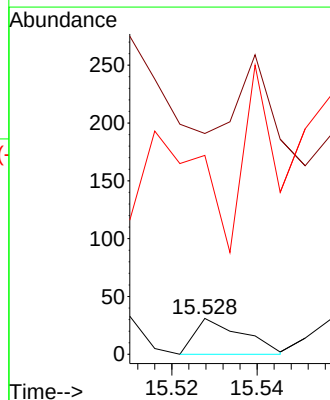
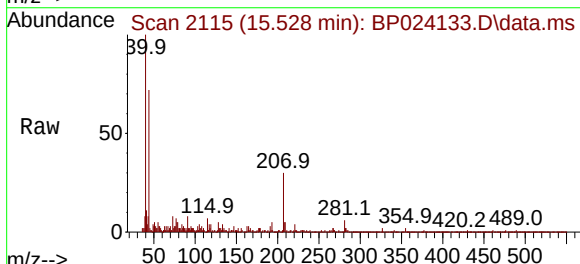
Tgt Ion:198 Resp: 24

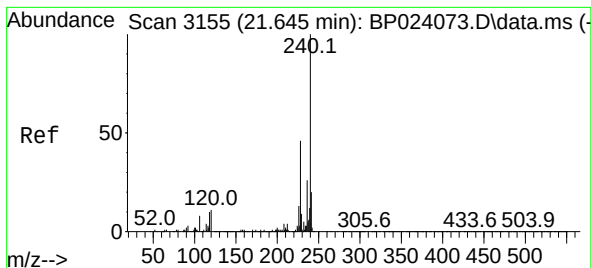
Ion Ratio Lower Upper

198 100

51 616.1 18.7 58.7#

105 554.8 24.7 64.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3156

Delta R.T. 0.006 min

Lab File: BP024133.D

Acq: 28 Feb 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB166890BL

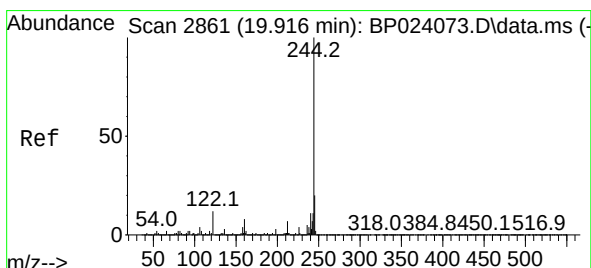
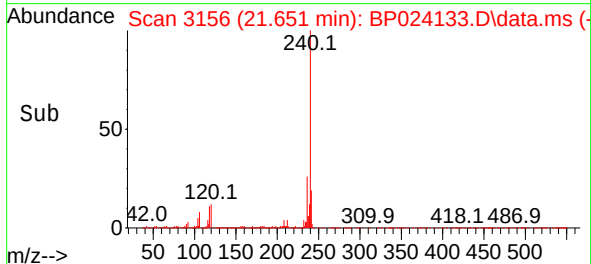
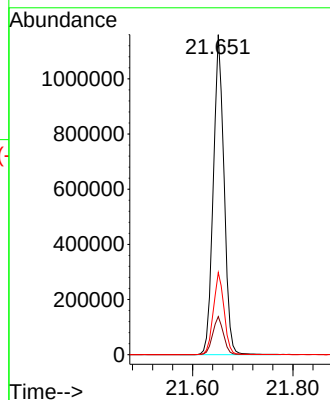
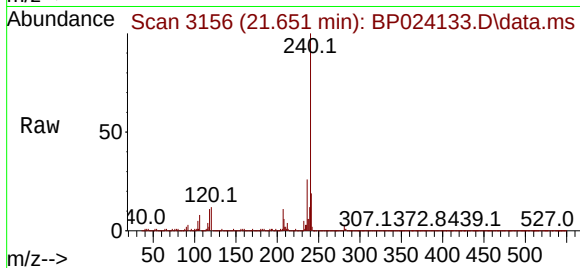
Tgt Ion:240 Resp: 1717685

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

236 25.7 20.7 31.1



#79

Terphenyl-d14

Concen: 104.256 ng

RT: 19.922 min Scan# 2862

Delta R.T. 0.006 min

Lab File: BP024133.D

Acq: 28 Feb 2025 13:31

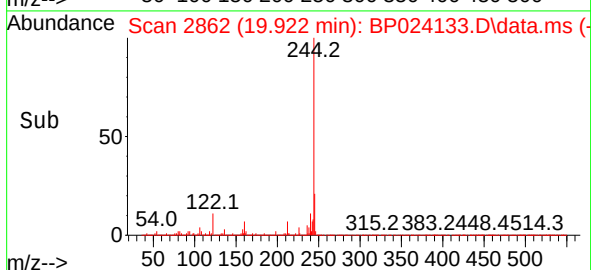
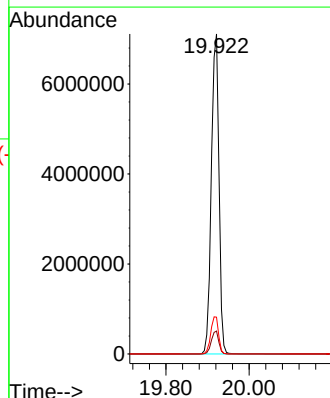
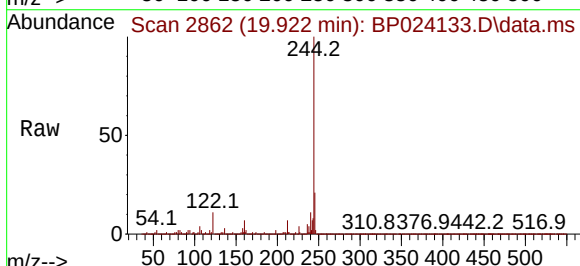
Tgt Ion:244 Resp: 9050146

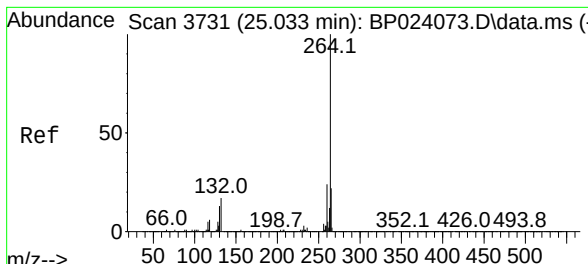
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.5 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.051 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BP024133.D
 Acq: 28 Feb 2025 13:31

Instrument :
 BNA_P
 ClientSampleId :
 PB166890BL

Tgt Ion:264 Resp: 1892079
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.5 17.8 26.8

