

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024135.D
 Acq On : 28 Feb 2025 14:53
 Operator : RC/JU
 Sample : PB166907BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166907BL

Quant Time: Feb 28 15:22:41 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)

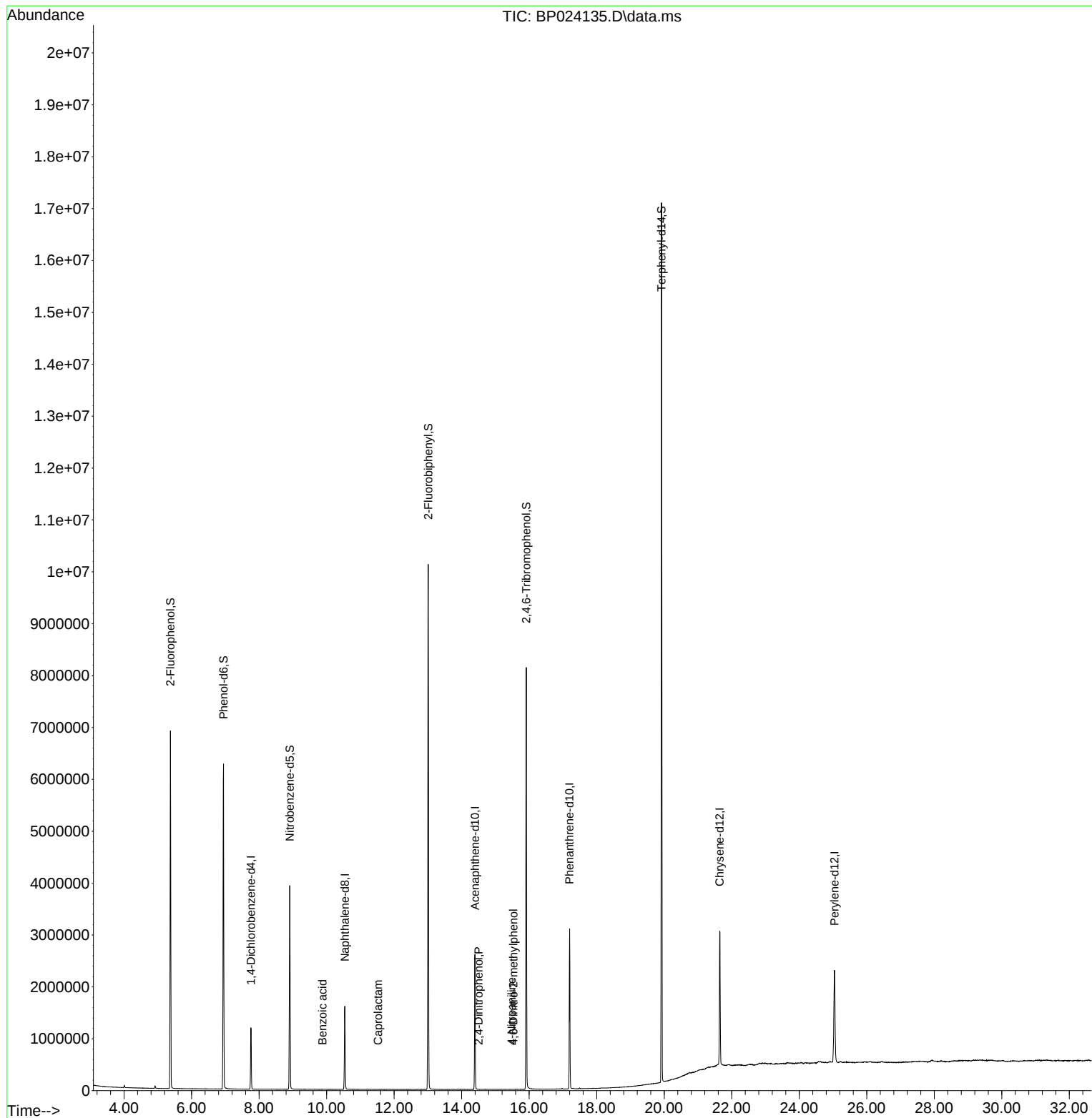
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	334716	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1350318	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	863426	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1690874	20.000	ng	0.01
76) Chrysene-d12	21.645	240	1575761	20.000	ng	0.00
86) Perylene-d12	25.045	264	1698407	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3046332	142.012	ng	0.00
7) Phenol-d6	6.946	99	3875592	140.570	ng	0.00
23) Nitrobenzene-d5	8.910	82	2232531	92.238	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1660563	157.012	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	5314113	86.042	ng	0.00
79) Terphenyl-d14	19.922	244	8101191	101.730	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.875	122	149	7.497	ng	# 41
35) Caprolactam	11.522	113	47	5.580	ng	# 1
54) 2,4-Dinitrophenol	14.504	184	13	7.781	ng	# 1
62) 4-Nitroaniline	15.487	138	64	3.291	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	27	6.011	ng	# 1

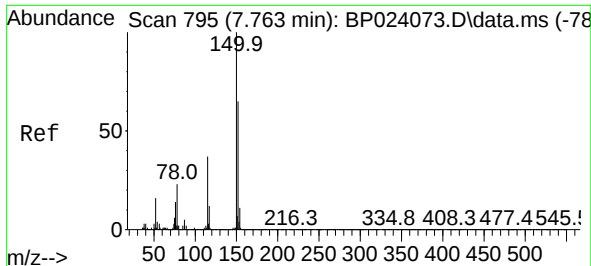
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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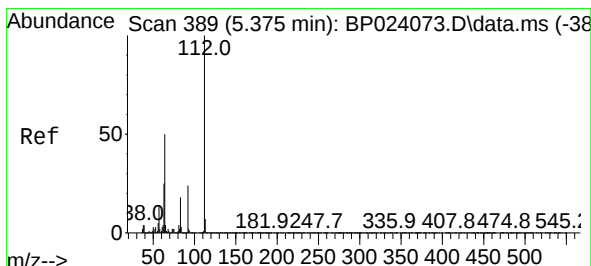
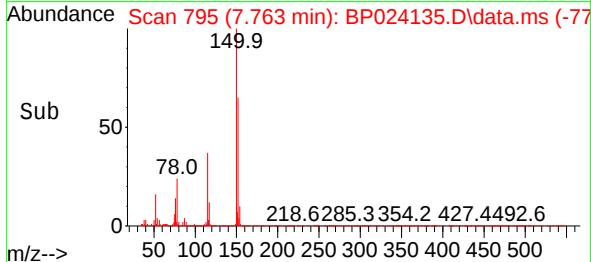
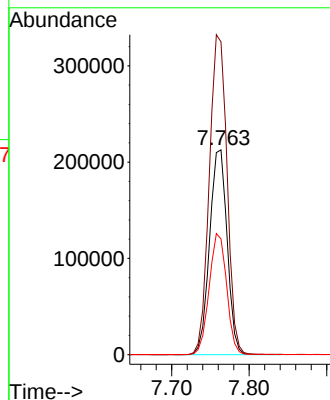
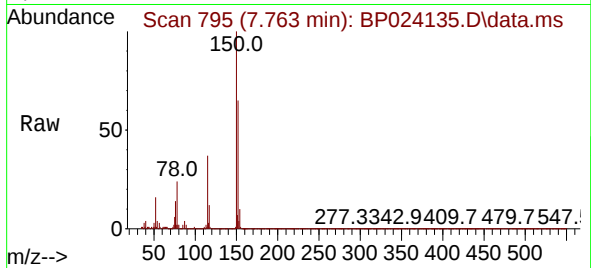




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

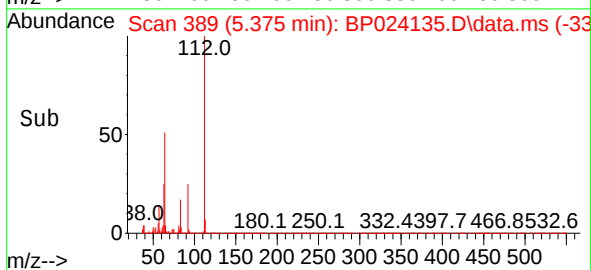
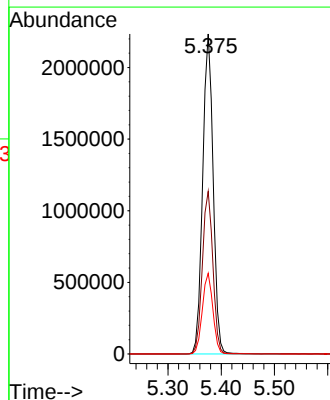
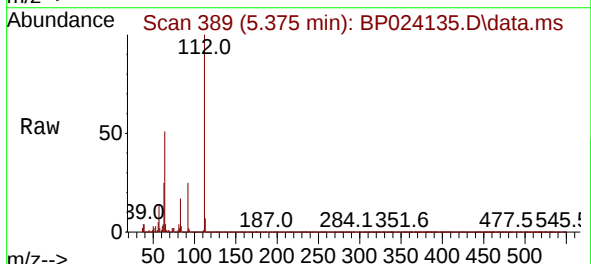
Instrument :
BNA_P
ClientSampleId :
PB166907BL

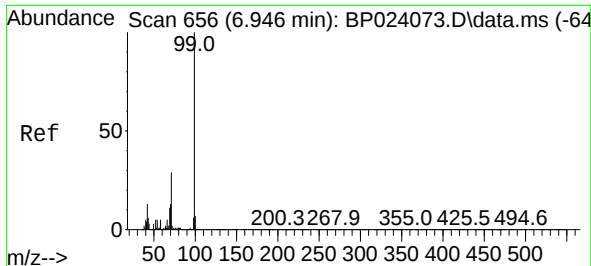
Tgt Ion:152 Resp: 334716
Ion Ratio Lower Upper
152 100
150 152.7 122.4 183.6
115 56.4 45.0 67.6



#5
2-Fluorophenol
Concen: 142.012 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.000 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

Tgt Ion:112 Resp: 3046332
Ion Ratio Lower Upper
112 100
64 50.8 39.6 59.4
63 25.2 20.3 30.5

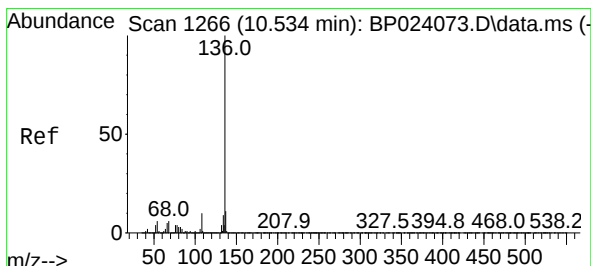
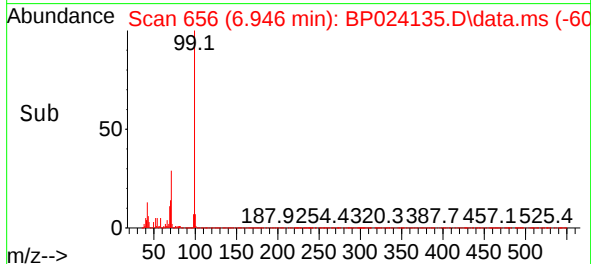
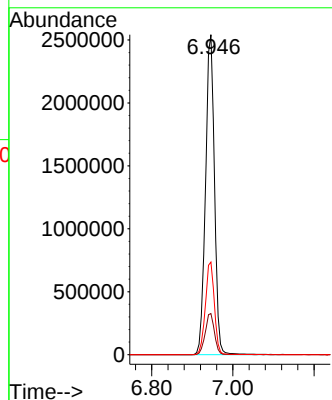
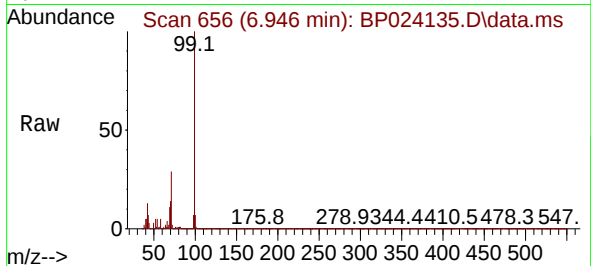




#7
Phenol-d6
Concen: 140.570 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.000 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

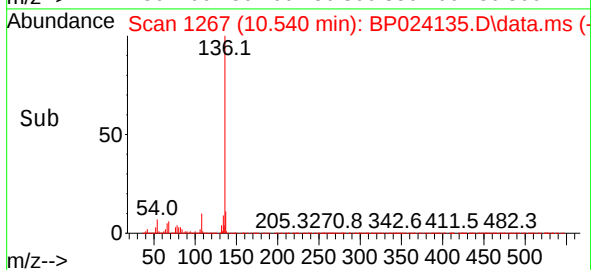
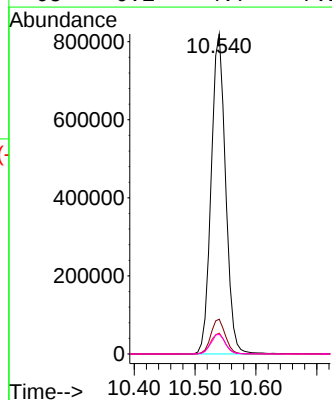
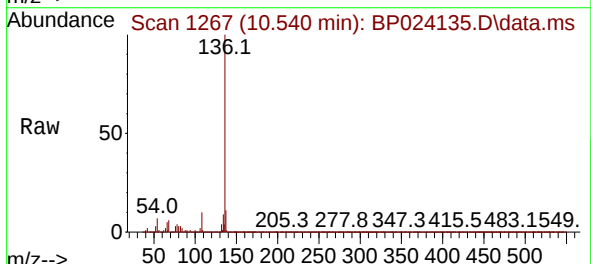
Instrument :
BNA_P
ClientSampleId :
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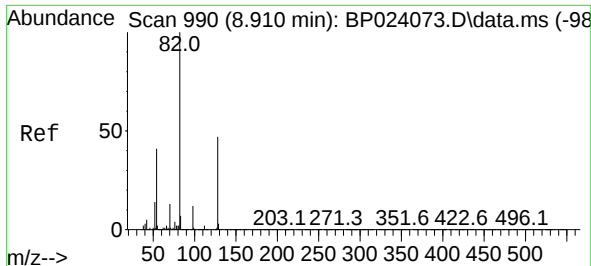
Tgt Ion: 99 Resp: 3875592
Ion Ratio Lower Upper
99 100
42 12.9 10.3 15.5
71 28.9 22.9 34.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

Tgt Ion:136 Resp: 1350318
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.5 4.9 7.3
68 6.1 4.7 7.1

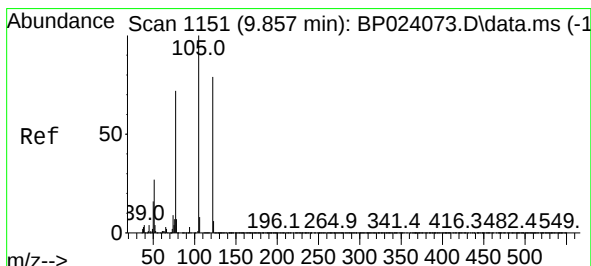
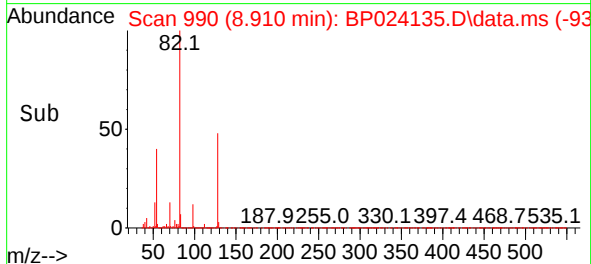
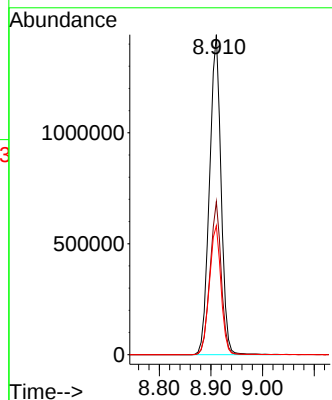
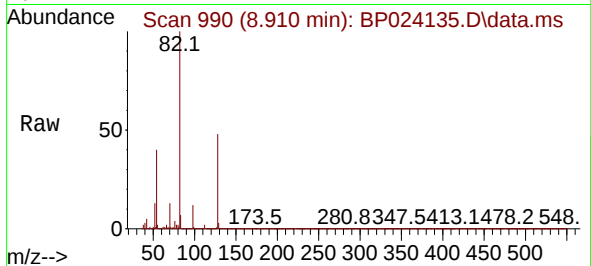




#23
Nitrobenzene-d5
Concen: 92.238 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

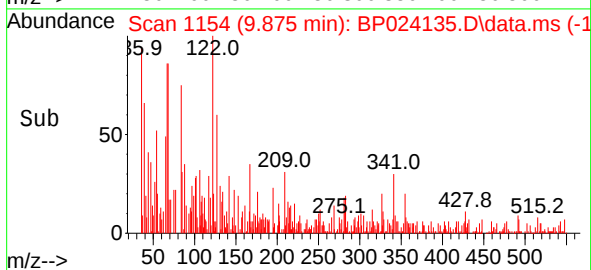
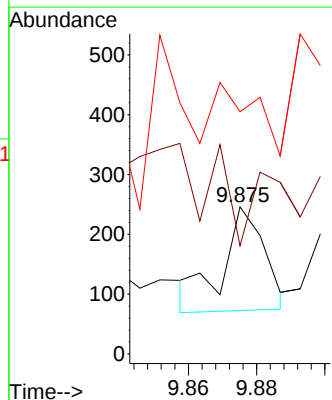
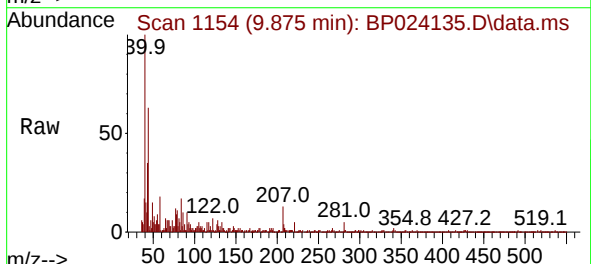
Instrument :
BNA_P
ClientSampleId :
PB166907BL

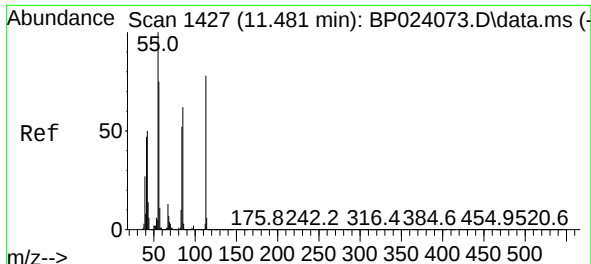
Tgt Ion: 82 Resp: 2232531
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.2
54 40.3 32.4 48.6



#32
Benzoic acid
Concen: 7.497 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.018 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

Tgt Ion:122 Resp: 149
Ion Ratio Lower Upper
122 100
105 73.6 103.7 143.7#
77 164.6 69.9 109.9#

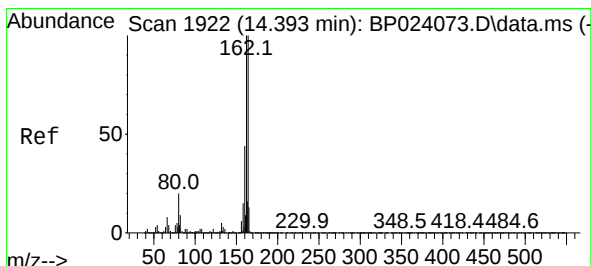
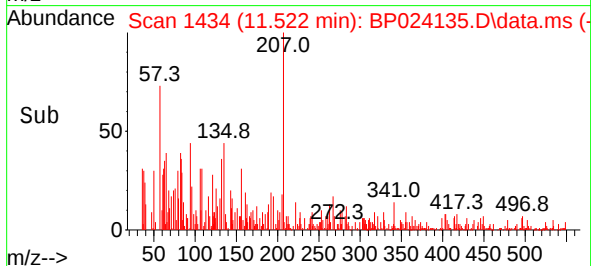
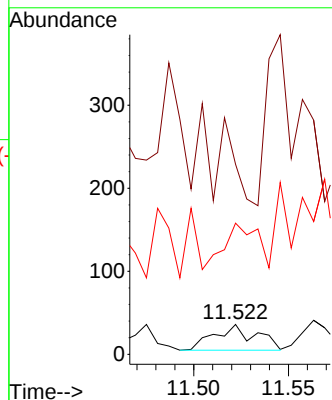
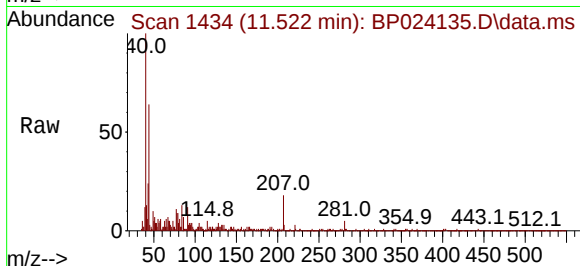




#35
Caprolactam
Concen: 5.580 ng
RT: 11.522 min Scan# 1427
Delta R.T. 0.041 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

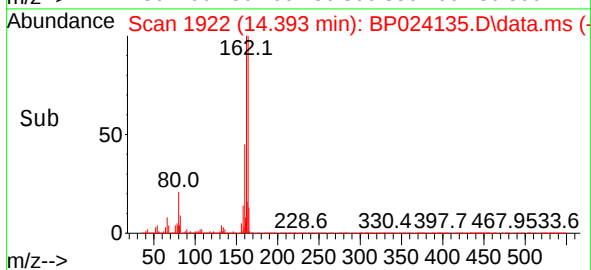
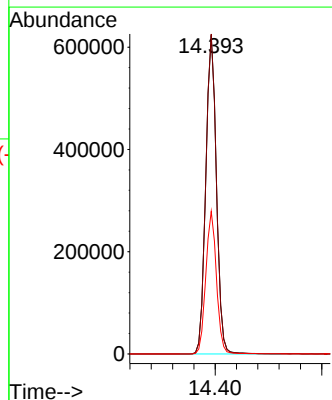
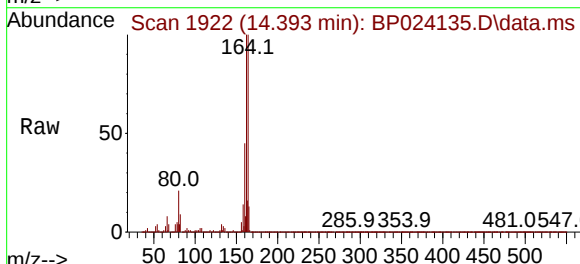
Instrument :
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ClientSampleId :
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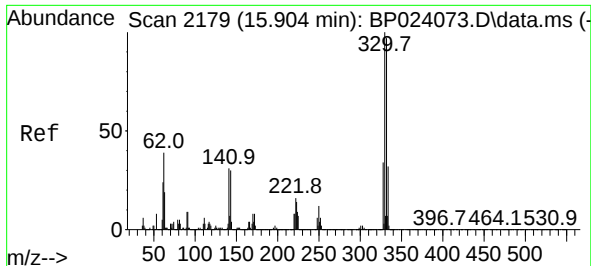
Tgt Ion:113 Resp: 47
Ion Ratio Lower Upper
113 100
55 636.1 108.8 148.8#
56 438.9 76.5 116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

Tgt Ion:164 Resp: 863426
Ion Ratio Lower Upper
164 100
162 100.4 80.1 120.1
160 44.7 35.6 53.4

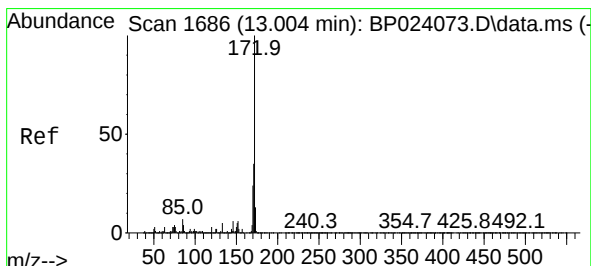
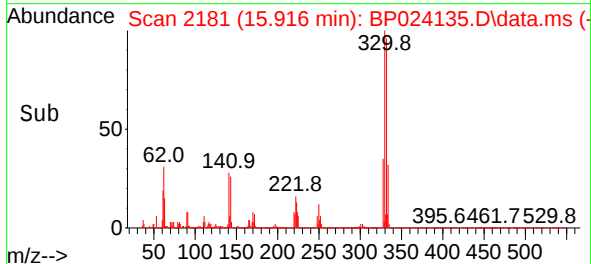
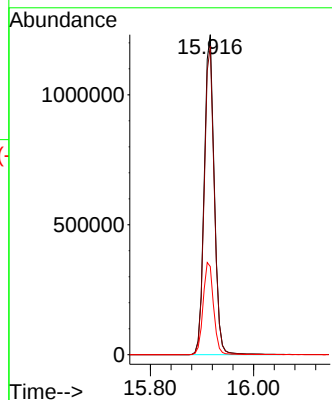
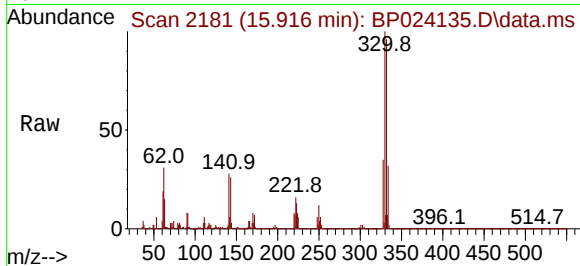




#42
2,4,6-Tribromophenol
Concen: 157.012 ng
RT: 15.916 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

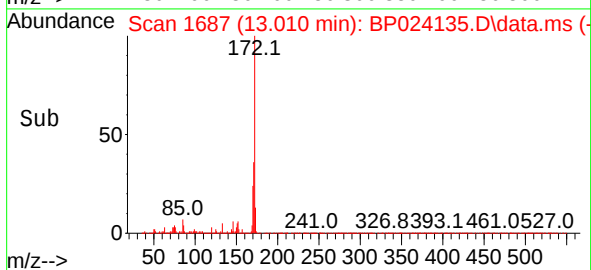
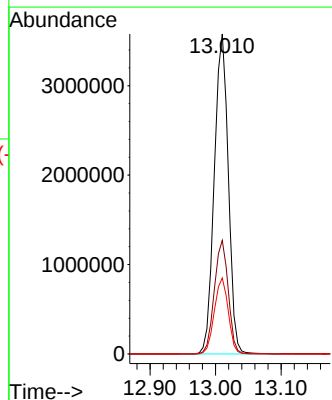
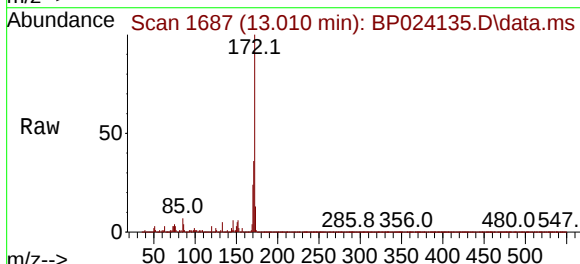
Instrument :
BNA_P
ClientSampleId :
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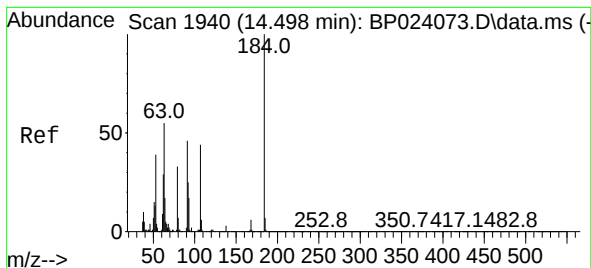
Tgt Ion:330 Resp: 1660563
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 29.9 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 86.042 ng
RT: 13.010 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

Tgt Ion:172 Resp: 5314113
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.8 19.0 28.6





#54

2,4-Dinitrophenol

Concen: 7.781 ng

RT: 14.504 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024135.D

Acq: 28 Feb 2025 14:53

Instrument :

BNA_P

ClientSampleId :

PB166907BL

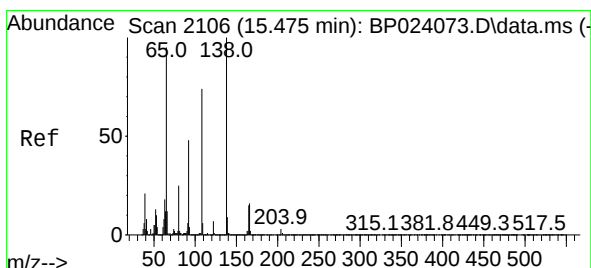
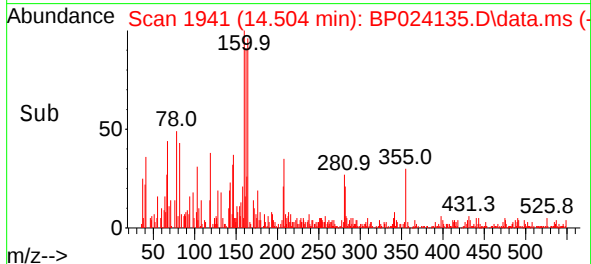
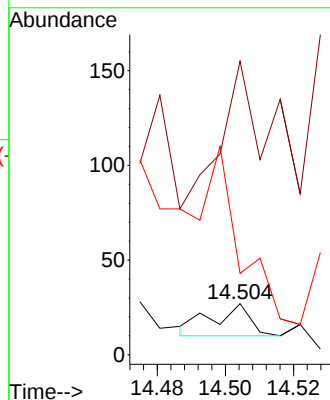
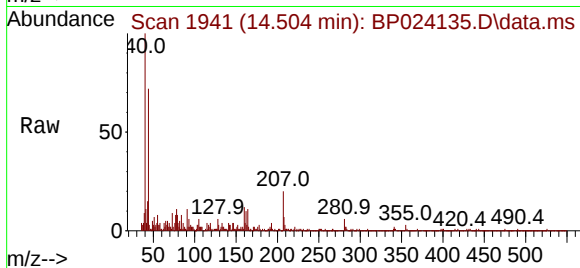
Tgt Ion:184 Resp: 13

Ion Ratio Lower Upper

184 100

63 574.1 49.4 74.0#

154 159.3 49.2 73.8#



#62

4-Nitroaniline

Concen: 3.291 ng

RT: 15.487 min Scan# 2108

Delta R.T. 0.012 min

Lab File: BP024135.D

Acq: 28 Feb 2025 14:53

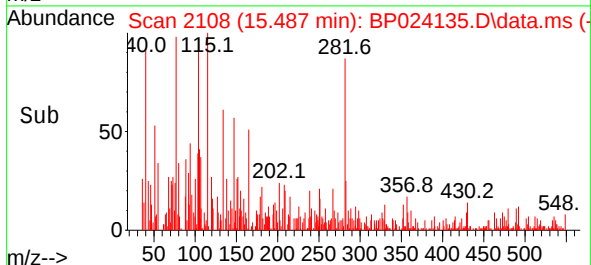
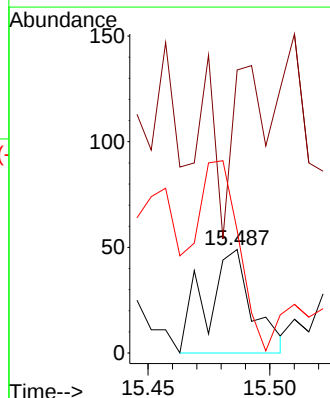
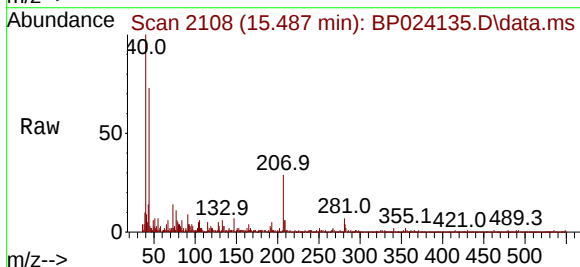
Tgt Ion:138 Resp: 64

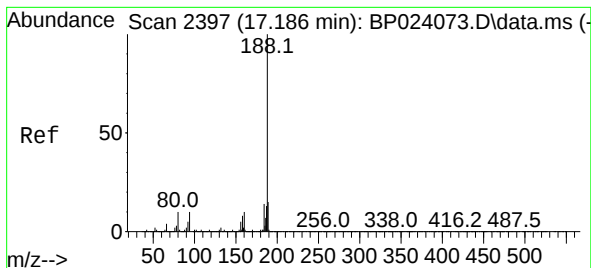
Ion Ratio Lower Upper

138 100

92 203.0 28.3 68.3#

108 87.9 54.0 94.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2116

Delta R.T. 0.012 min

Lab File: BP024135.D

Acq: 28 Feb 2025 14:53

Instrument :

BNA_P

ClientSampleId :

PB166907BL

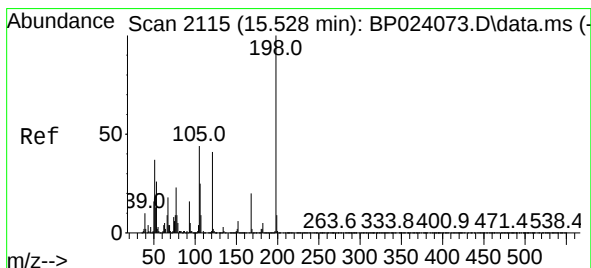
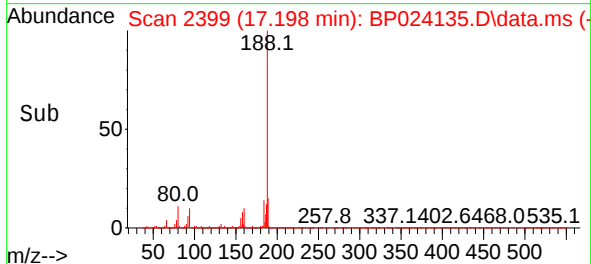
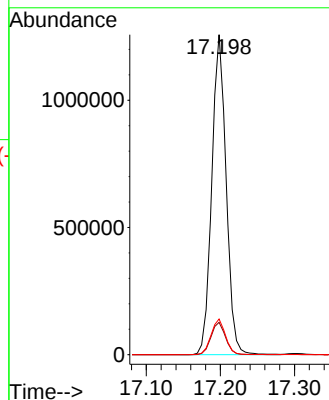
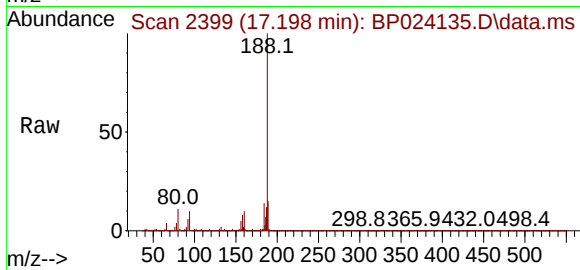
Tgt Ion:188 Resp: 1690874

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 11.1 8.2 12.2



#65

4,6-Dinitro-2-methylphenol

Concen: 6.011 ng

RT: 15.534 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BP024135.D

Acq: 28 Feb 2025 14:53

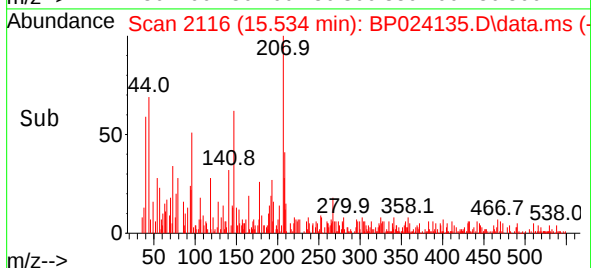
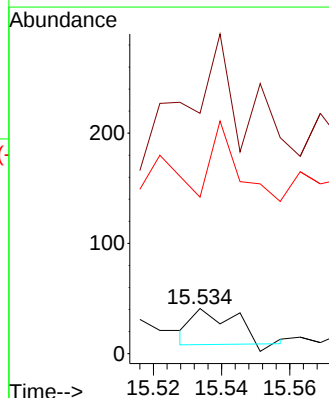
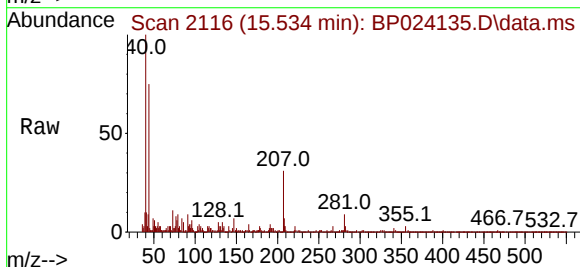
Tgt Ion:198 Resp: 27

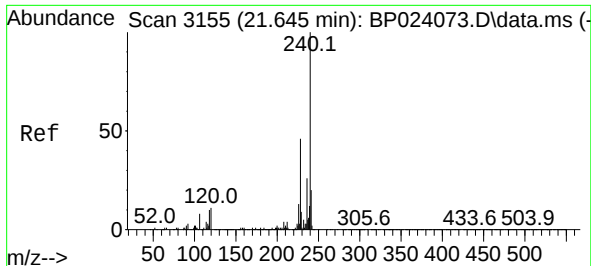
Ion Ratio Lower Upper

198 100

51 531.7 18.7 58.7#

105 346.3 24.7 64.7#

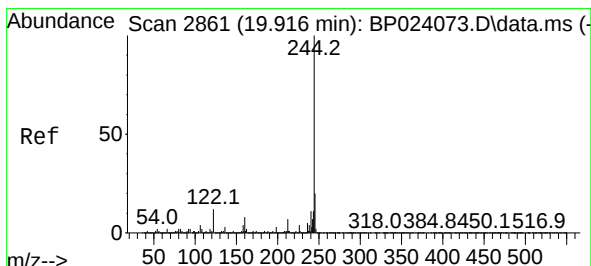
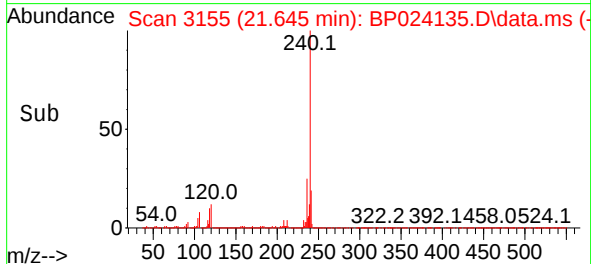
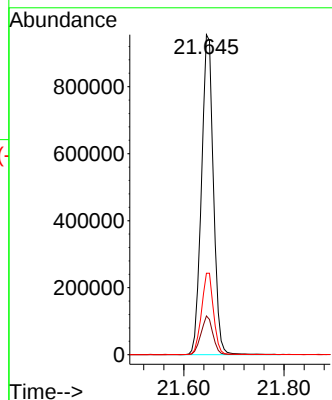
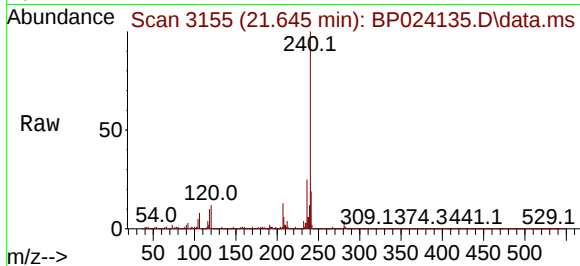




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

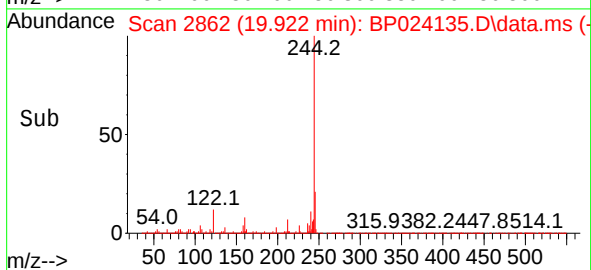
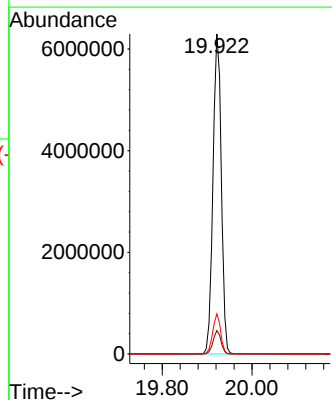
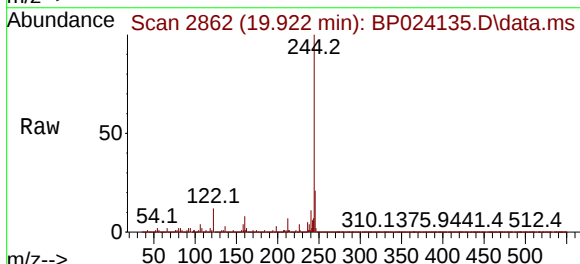
Instrument :
BNA_P
ClientSampleId :
PB166907BL

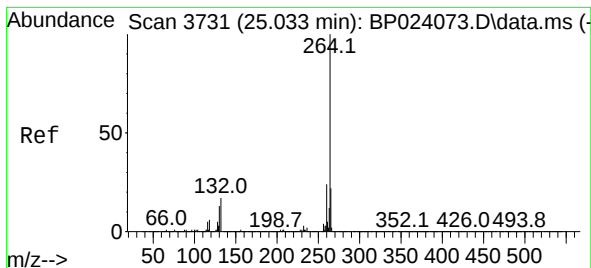
Tgt Ion:240 Resp: 1575761
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 101.730 ng
RT: 19.922 min Scan# 2862
Delta R.T. 0.006 min
Lab File: BP024135.D
Acq: 28 Feb 2025 14:53

Tgt Ion:244 Resp: 8101191
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.5 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.045 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024135.D

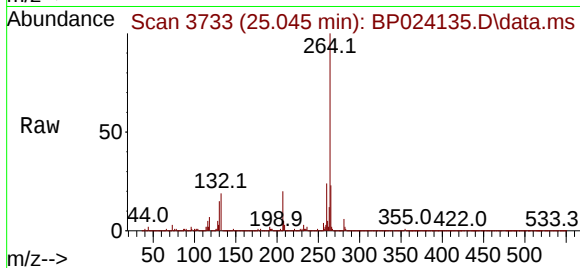
Acq: 28 Feb 2025 14:53

Instrument :

BNA_P

ClientSampleId :

PB166907BL



Tgt Ion:264 Resp: 1698407

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.5 17.8 26.8

