

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
 Data File : BP024117.D
 Acq On : 27 Feb 2025 11:47
 Operator : RC/JU
 Sample : PB166853BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166894BL

Quant Time: Feb 27 12:24:36 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)

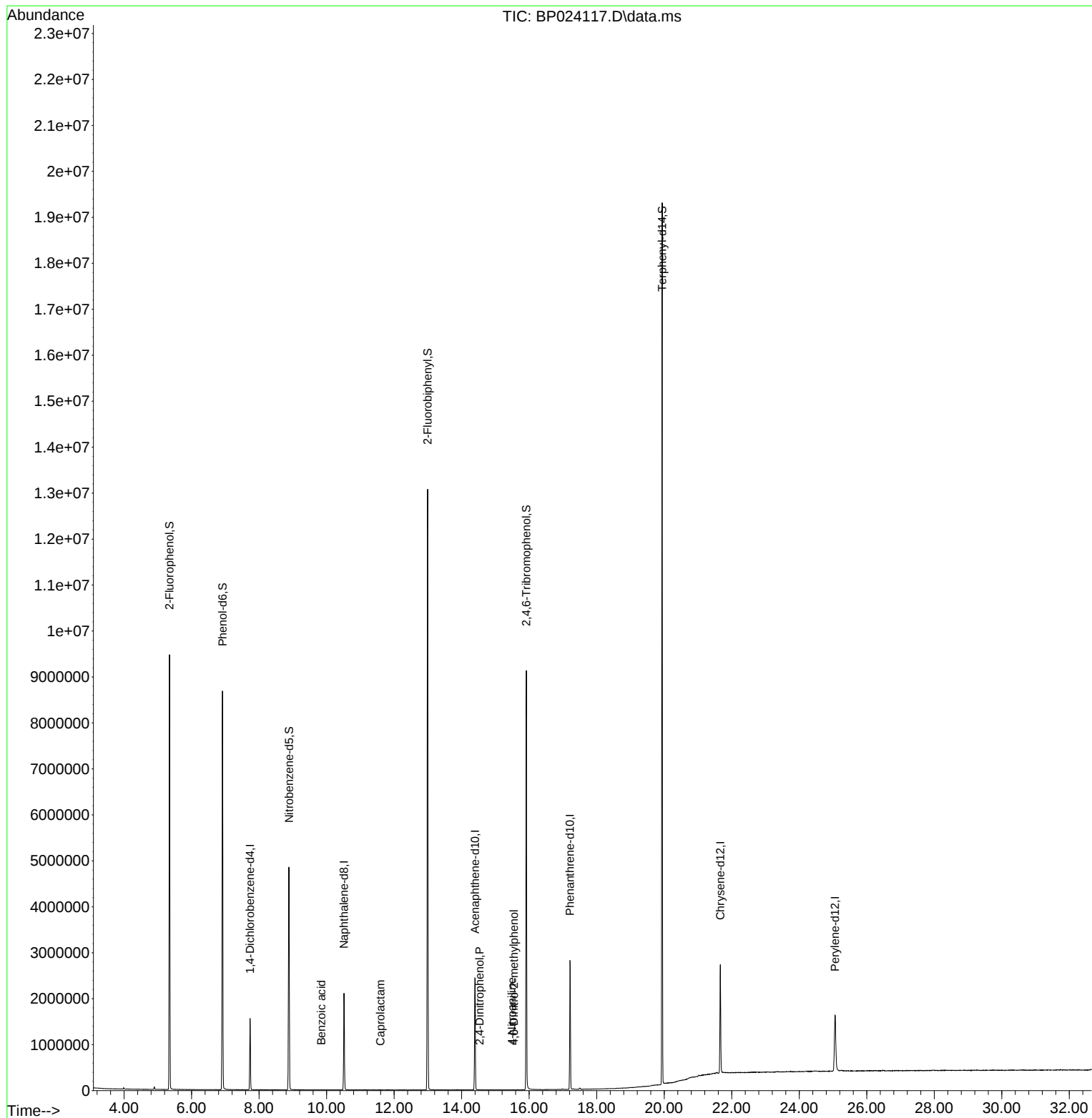
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	431765	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1653489	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	951686	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1690520	20.000	ng	0.02
76) Chrysene-d12	21.663	240	1378836	20.000	ng	0.02
86) Perylene-d12	25.057	264	1338237	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	4272961	154.421	ng	-0.03
7) Phenol-d6	6.917	99	5254373	147.742	ng	-0.03
23) Nitrobenzene-d5	8.887	82	3096219	104.467	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1659520	142.361	ng	0.01
45) 2-Fluorobiphenyl	12.993	172	6883188	101.112	ng	-0.01
79) Terphenyl-d14	19.939	244	8390289	120.408	ng	0.02
Target Compounds						
					Qvalue	
32) Benzoic acid	9.846	122	75	7.492	ng	# 1
35) Caprolactam	11.593	113	92	5.584	ng	92
54) 2,4-Dinitrophenol	14.528	184	30	7.783	ng	# 1
62) 4-Nitroaniline	15.493	138	26	3.289	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.551	198	11	6.010	ng	# 1

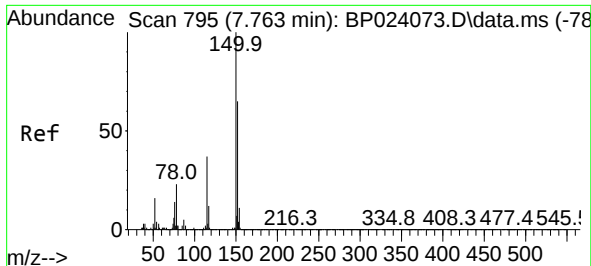
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
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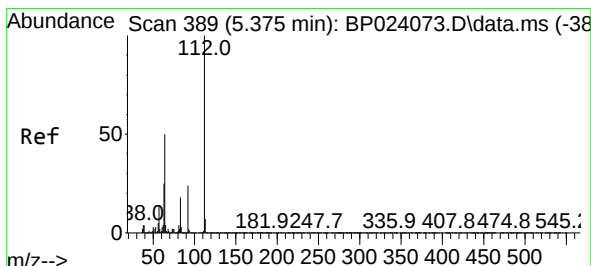
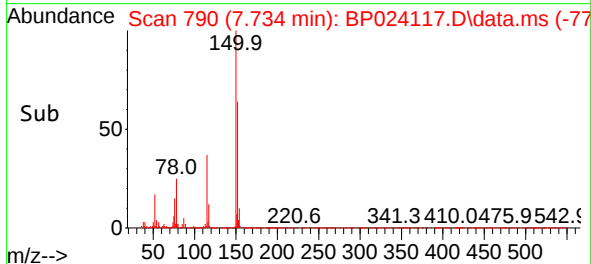
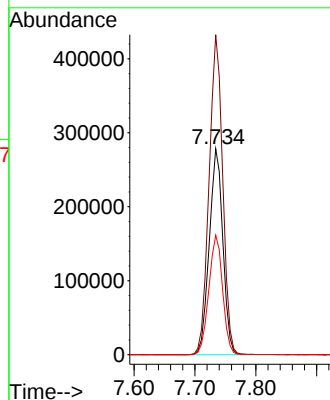
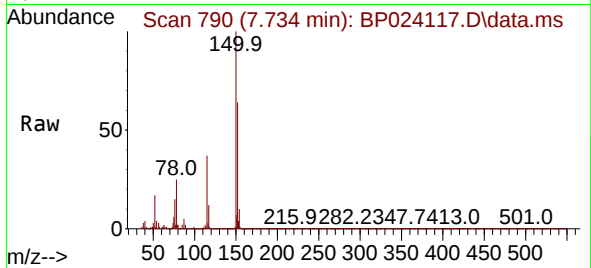




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 795
Delta R.T. -0.029 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

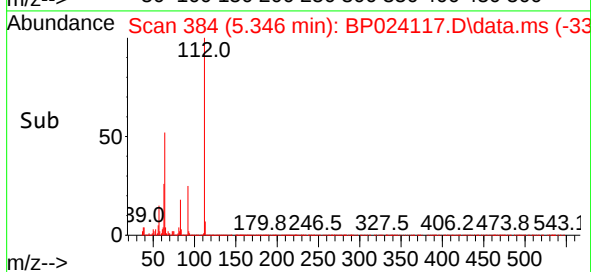
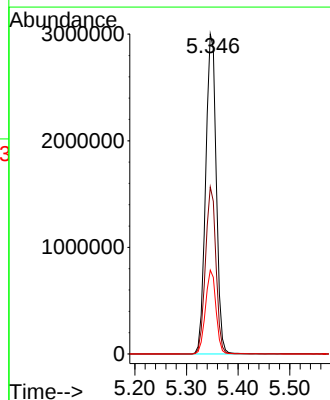
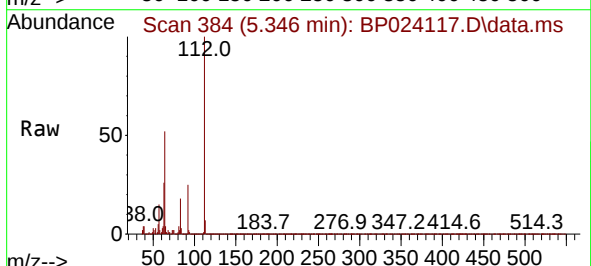
Instrument :
BNA_P
ClientSampleId :
PB166894BL

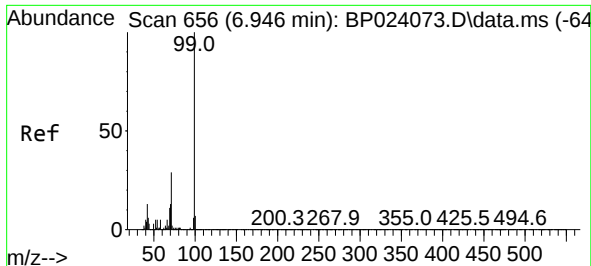
Tgt Ion:152 Resp: 431765
Ion Ratio Lower Upper
152 100
150 155.4 122.4 183.6
115 58.1 45.0 67.6



#5
2-Fluorophenol
Concen: 154.421 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.029 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:112 Resp: 4272961
Ion Ratio Lower Upper
112 100
64 52.2 39.6 59.4
63 26.2 20.3 30.5

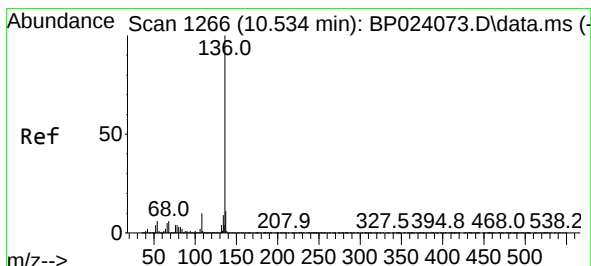
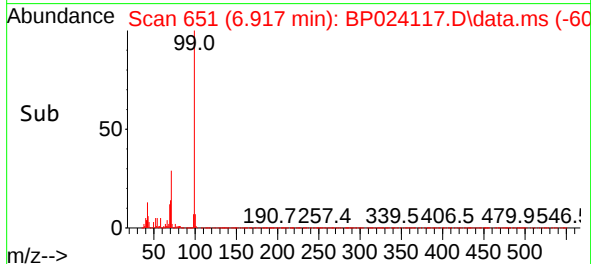
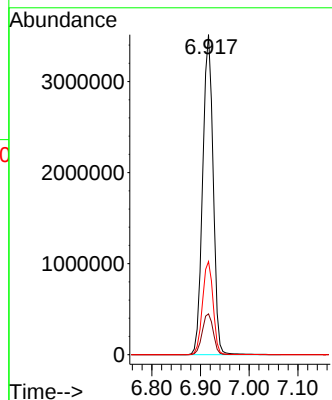
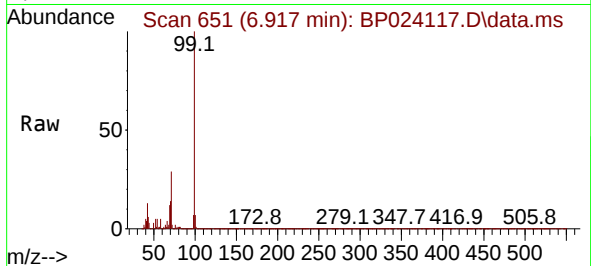




#7
Phenol-d6
Concen: 147.742 ng
RT: 6.917 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

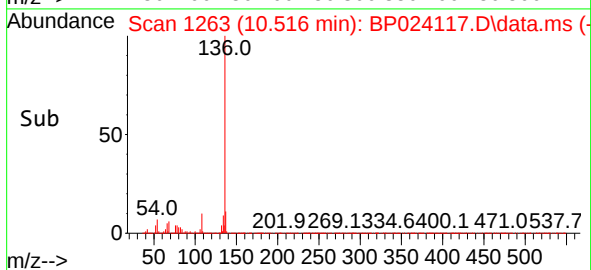
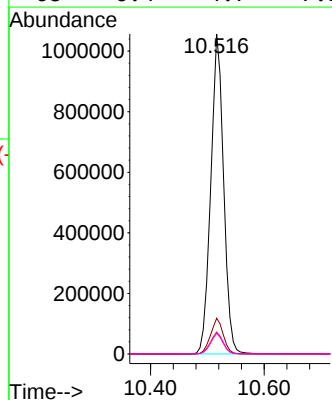
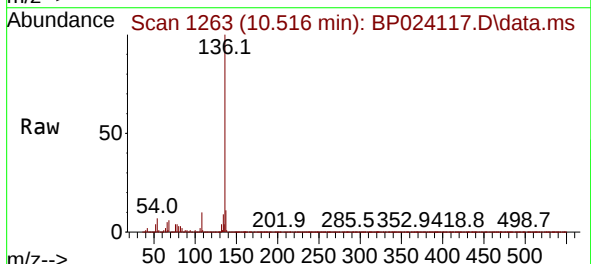
Instrument :
BNA_P
ClientSampleId :
PB166894BL

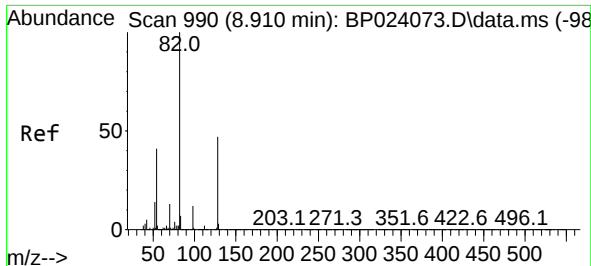
Tgt Ion: 99 Resp: 5254373
Ion Ratio Lower Upper
99 100
42 12.8 10.3 15.5
71 29.1 22.9 34.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:136 Resp: 1653489
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.8 4.9 7.3
68 6.4 4.7 7.1

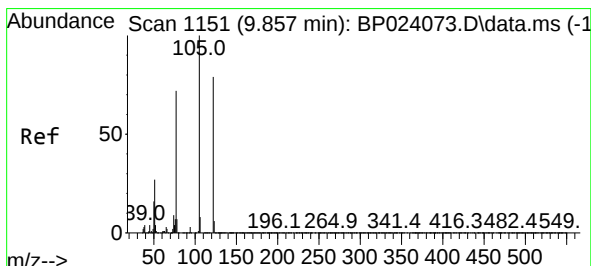
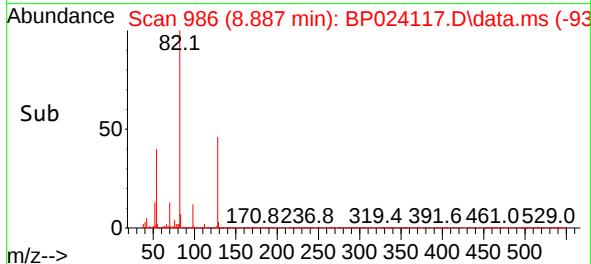
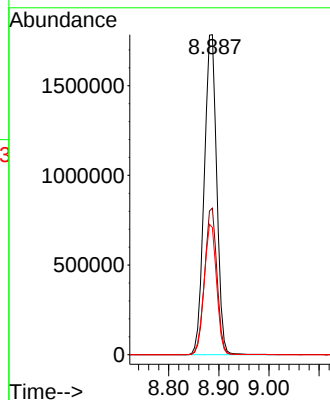
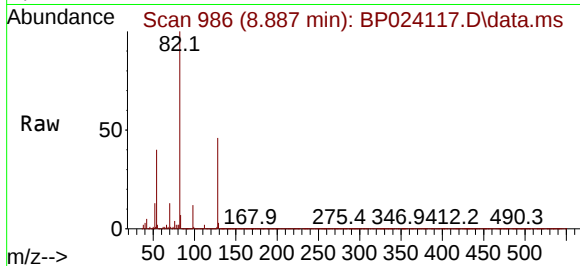




#23
Nitrobenzene-d5
Concen: 104.467 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

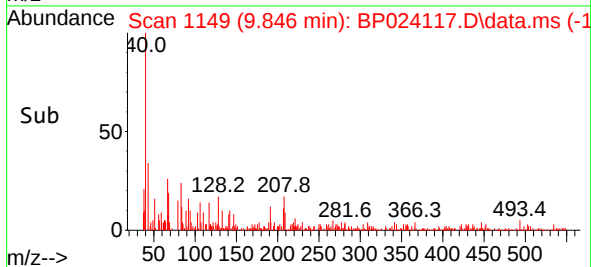
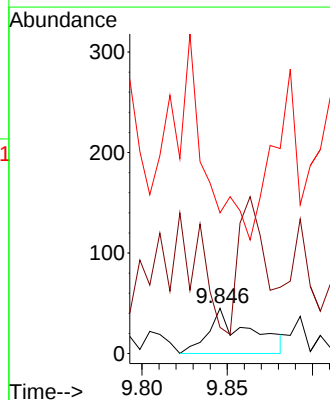
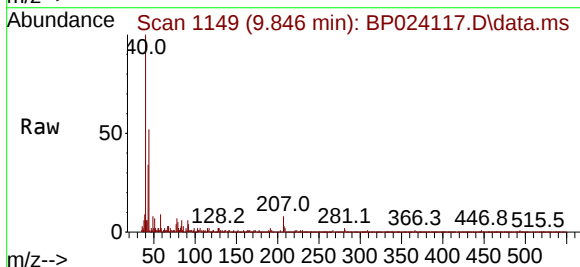
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BNA_P
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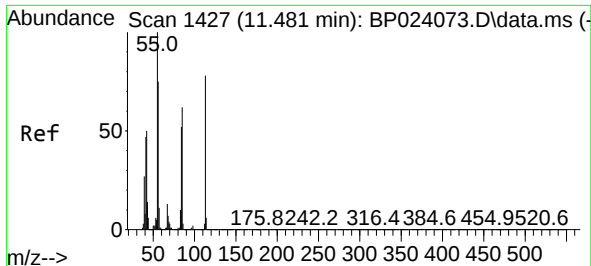
Tgt Ion: 82 Resp: 3096219
Ion Ratio Lower Upper
82 100
128 45.8 37.4 56.2
54 39.8 32.4 48.6



#32
Benzoic acid
Concen: 7.492 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.011 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 57.8 103.7 143.7#
77 311.1 69.9 109.9#

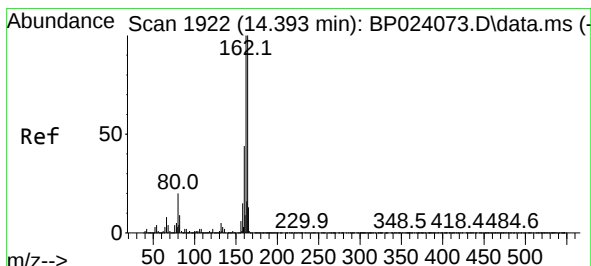
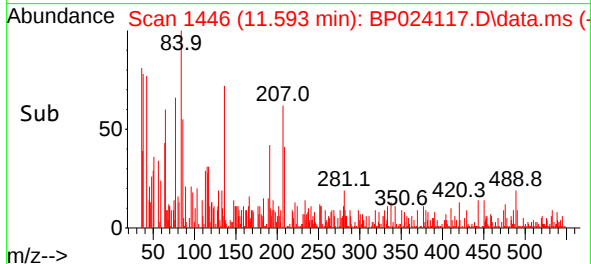
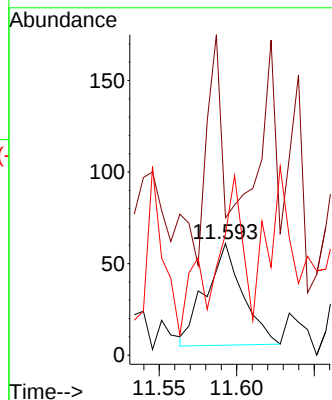
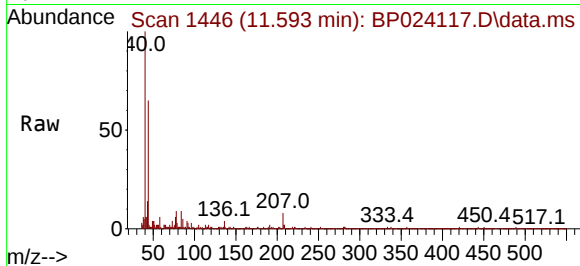




#35
Caprolactam
Concen: 5.584 ng
RT: 11.593 min Scan# 1427
Delta R.T. 0.112 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

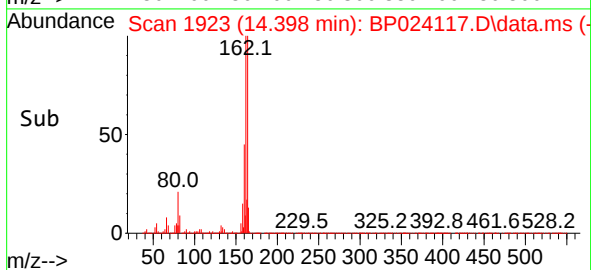
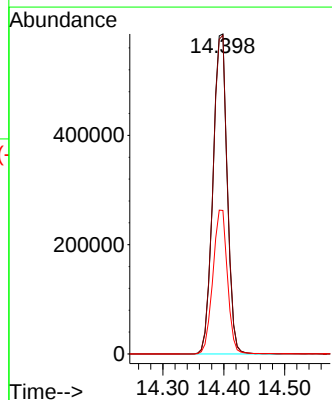
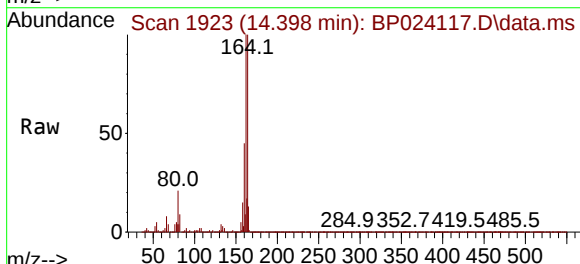
Instrument :
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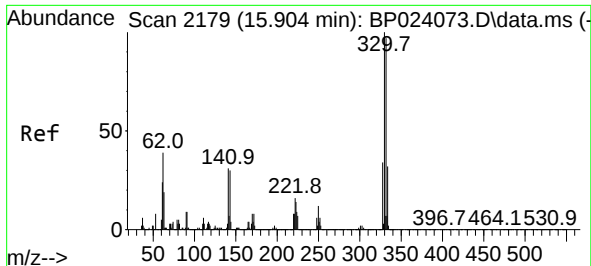
Tgt Ion:113 Resp: 92
Ion Ratio Lower Upper
113 100
55 123.0 108.8 148.8
56 108.2 76.5 116.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:164 Resp: 951686
Ion Ratio Lower Upper
164 100
162 99.6 80.1 120.1
160 44.8 35.6 53.4

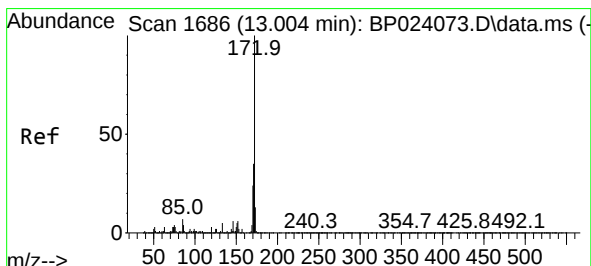
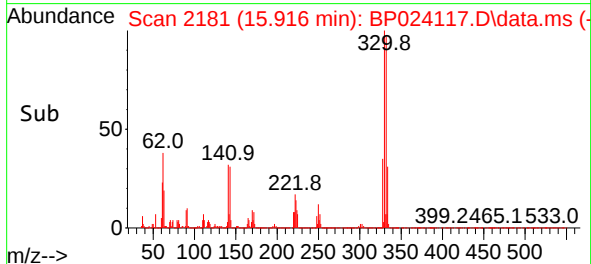
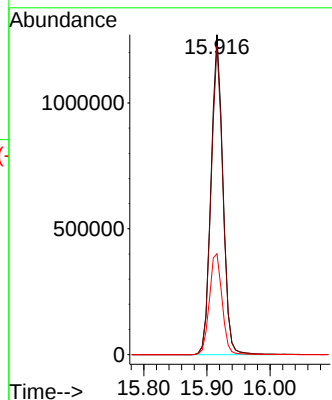
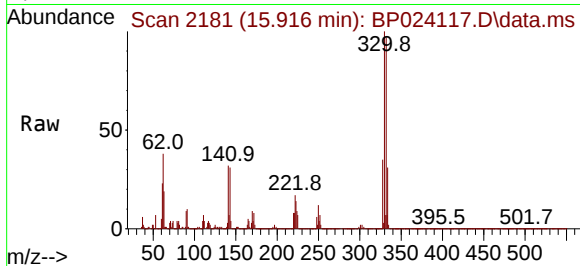




#42
2,4,6-Tribromophenol
Concen: 142.361 ng
RT: 15.916 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

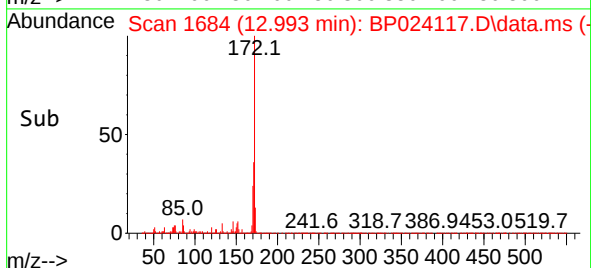
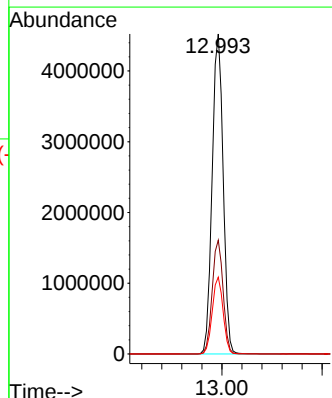
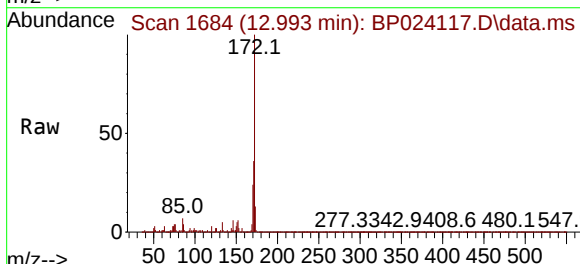
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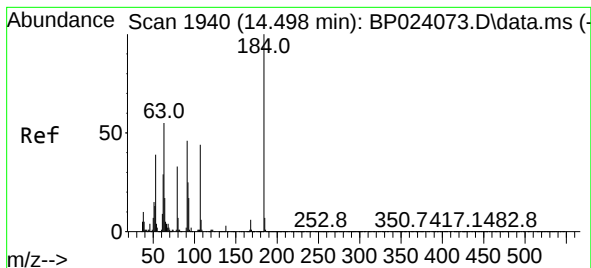
Tgt Ion:330 Resp: 1659520
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.9 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 101.112 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:172 Resp: 6883188
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.0 19.0 28.6

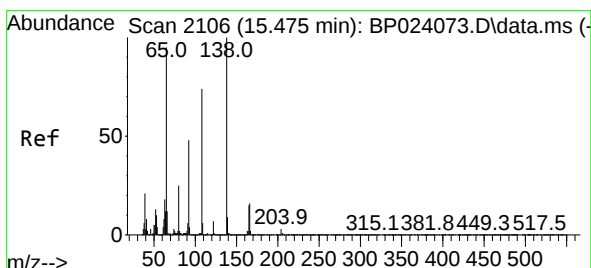
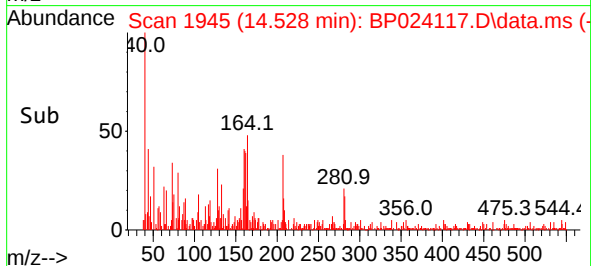
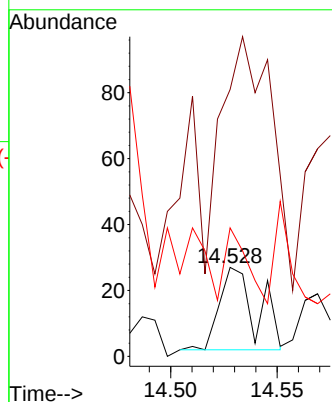
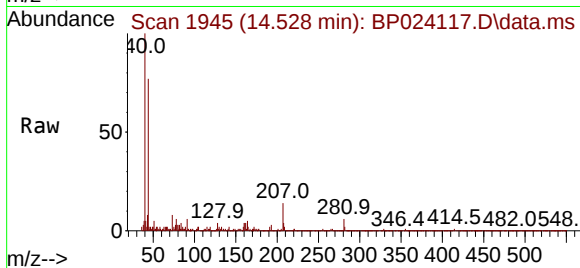




#54
2,4-Dinitrophenol
Concen: 7.783 ng
RT: 14.528 min Scan# 1940
Delta R.T. 0.030 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

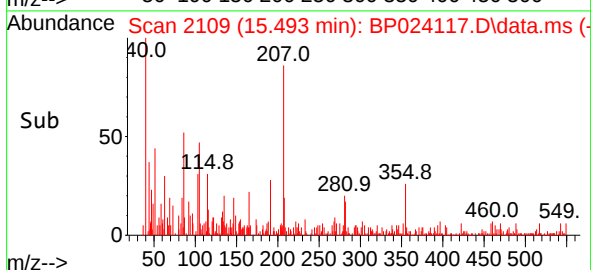
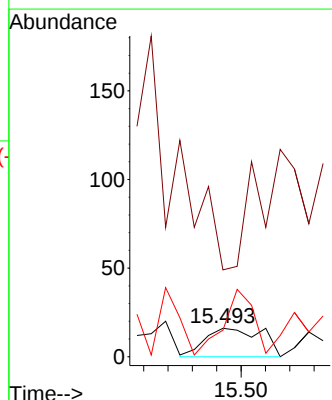
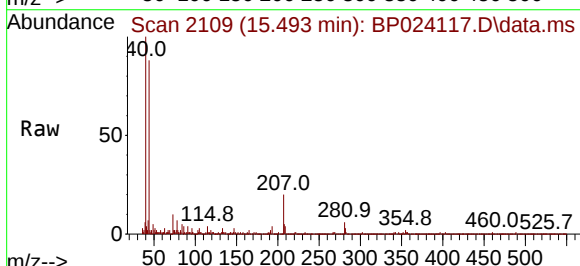
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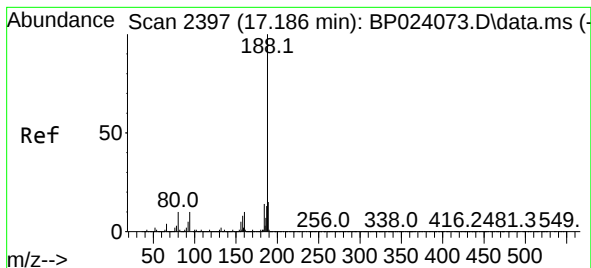
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 300.0 49.4 74.0#
154 144.4 49.2 73.8#



#62
4-Nitroaniline
Concen: 3.289 ng
RT: 15.493 min Scan# 2109
Delta R.T. 0.018 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:138 Resp: 26
Ion Ratio Lower Upper
138 100
92 306.3 28.3 68.3#
108 93.8 54.0 94.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2401

Delta R.T. 0.024 min

Lab File: BP024117.D

Acq: 27 Feb 2025 11:47

Instrument :

BNA_P

ClientSampleId :

PB166894BL

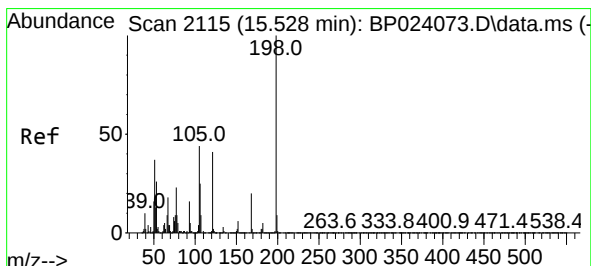
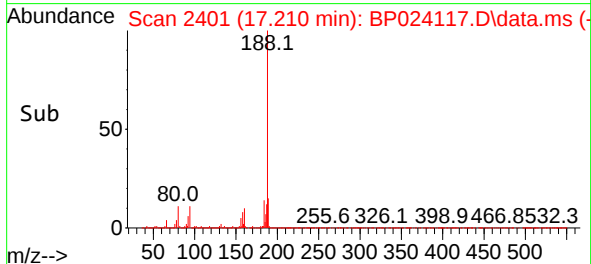
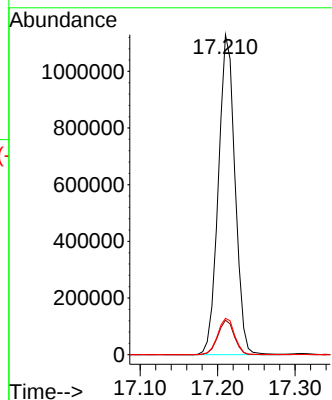
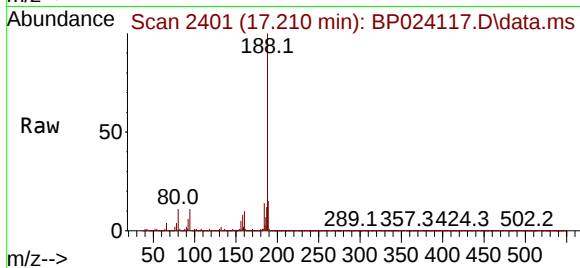
Tgt Ion:188 Resp: 1690520

Ion Ratio Lower Upper

188 100

94 10.8 7.6 11.4

80 11.4 8.2 12.2



#65

4,6-Dinitro-2-methylphenol

Concen: 6.010 ng

RT: 15.551 min Scan# 2119

Delta R.T. 0.023 min

Lab File: BP024117.D

Acq: 27 Feb 2025 11:47

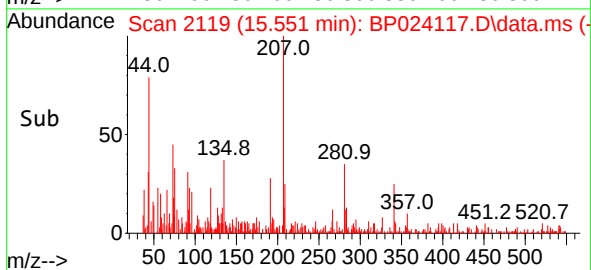
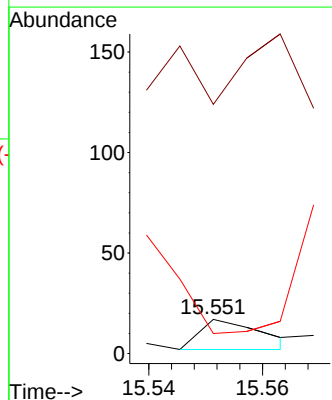
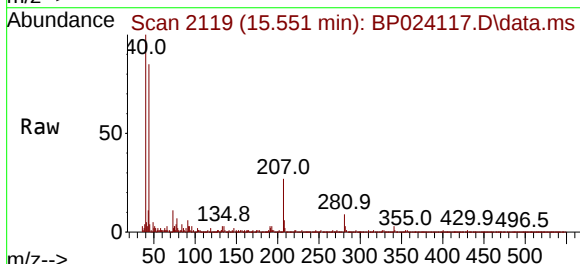
Tgt Ion:198 Resp: 11

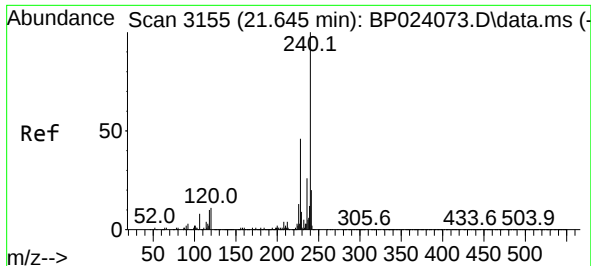
Ion Ratio Lower Upper

198 100

51 729.4 18.7 58.7#

105 58.8 24.7 64.7

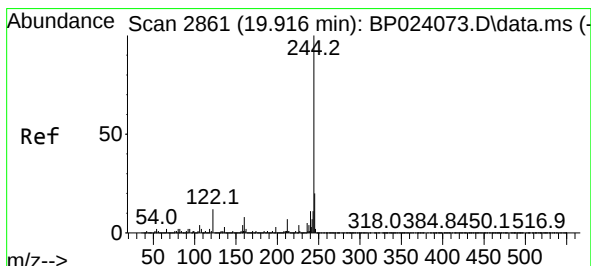
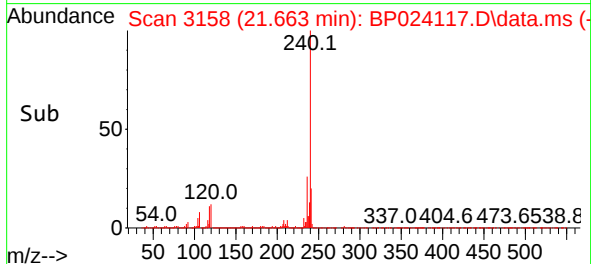
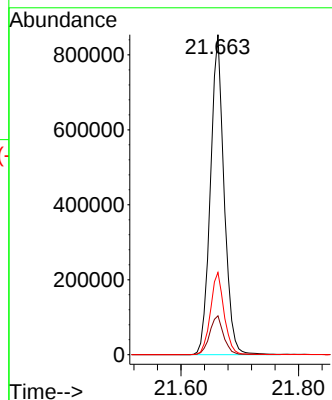
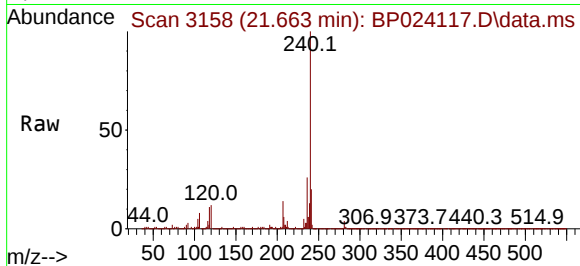




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3158
Delta R.T. 0.018 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

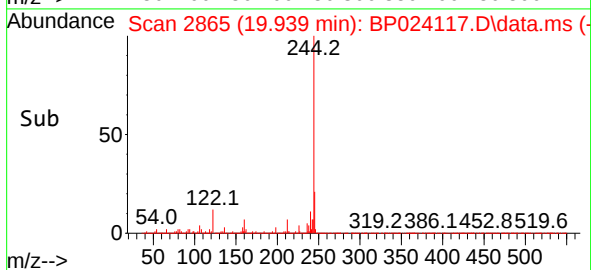
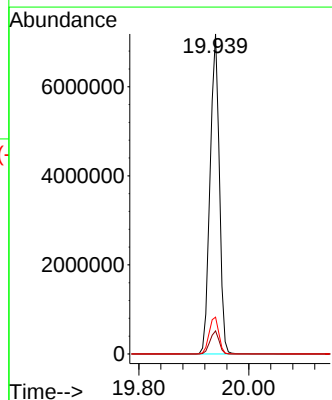
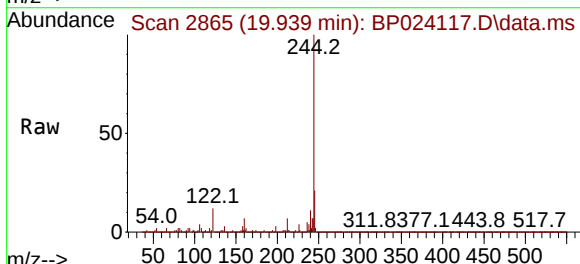
Instrument :
BNA_P
ClientSampleId :
PB166894BL

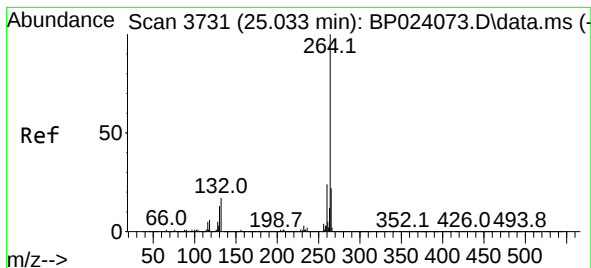
Tgt Ion:240 Resp: 1378836
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 120.408 ng
RT: 19.939 min Scan# 2865
Delta R.T. 0.024 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:244 Resp: 8390289
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.5 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.057 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP024117.D

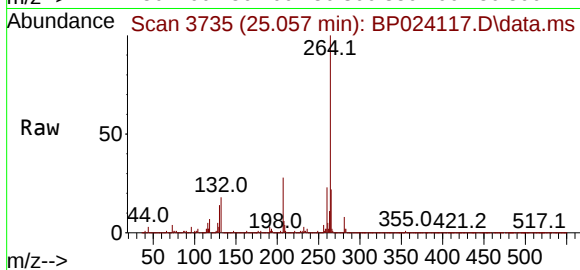
Acq: 27 Feb 2025 11:47

Instrument :

BNA_P

ClientSampleId :

PB166894BL



Tgt Ion:264 Resp: 1338237

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 22.0 17.8 26.8

