

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021925\
 Data File : BP024093.D
 Acq On : 19 Feb 2025 10:32
 Operator : RC/JU
 Sample : PB166339BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166339BL

Quant Time: Feb 19 10:56:42 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)

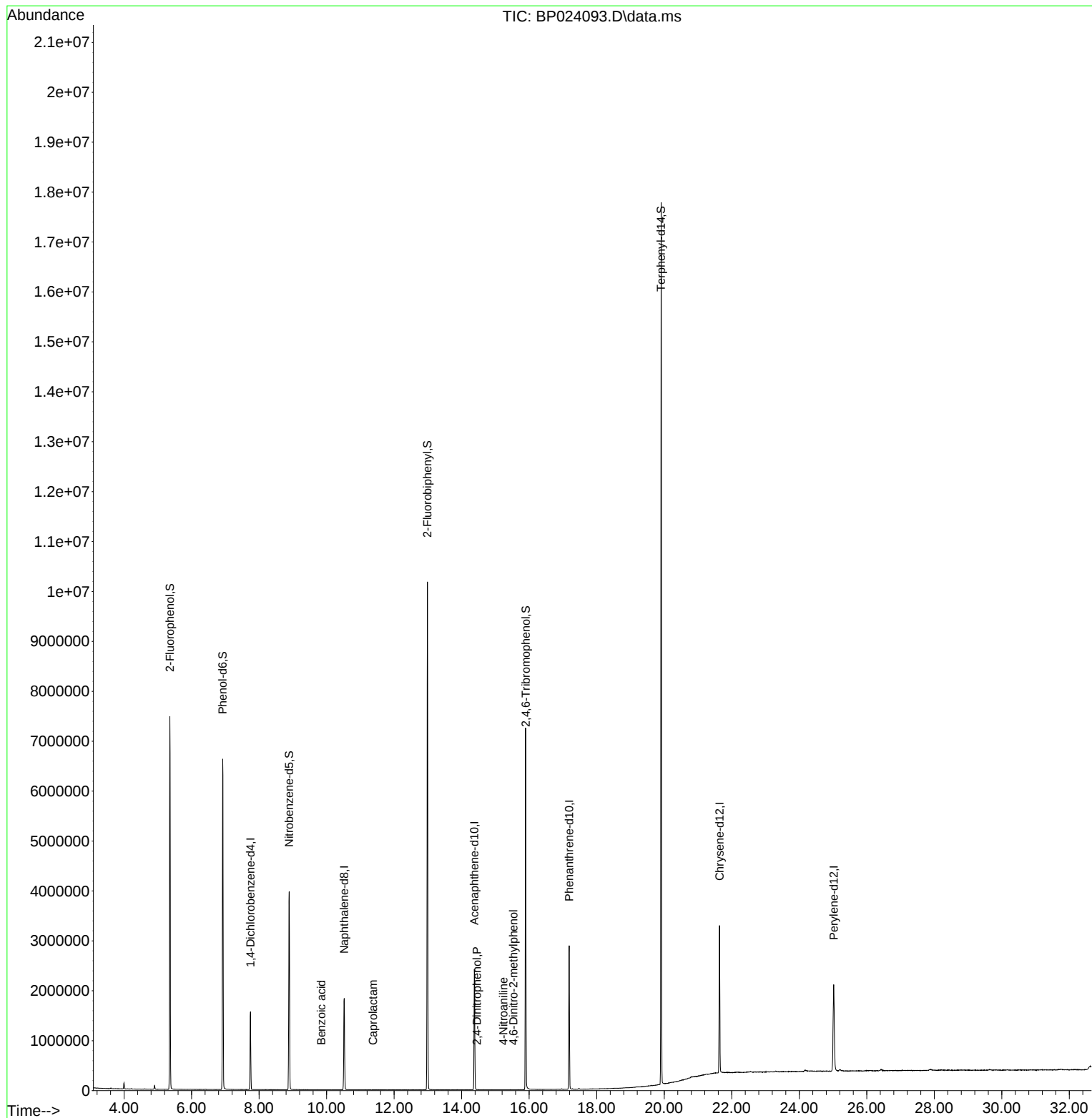
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	425346	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	1612307	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	876538	20.000	ng	-0.02
64) Phenanthrene-d10	17.187	188	1657853	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1581603	20.000	ng	0.00
86) Perylene-d12	25.021	264	1644502	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	3301981	121.132	ng	-0.02
7) Phenol-d6	6.922	99	3986006	113.770	ng	-0.02
23) Nitrobenzene-d5	8.893	82	2350540	81.333	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	1246724	116.119	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	5107230	81.456	ng	-0.02
79) Terphenyl-d14	19.910	244	7726296	96.664	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.846	122	113	7.493	ng	# 14
35) Caprolactam	11.375	113	35	5.578	ng	86
54) 2,4-Dinitrophenol	14.457	184	15	7.781	ng	# 1
62) 4-Nitroaniline	15.240	138	13	3.288	ng	94
65) 4,6-Dinitro-2-methylph...	15.534	198	18	6.010	ng	# 1

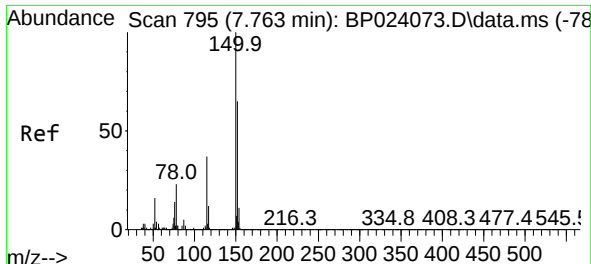
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021925\
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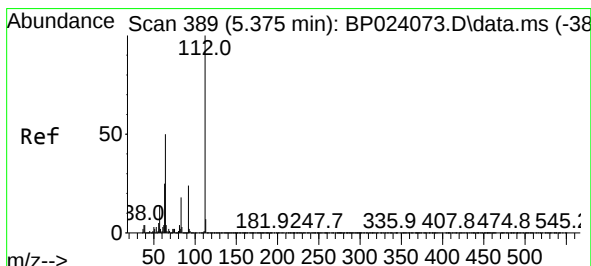
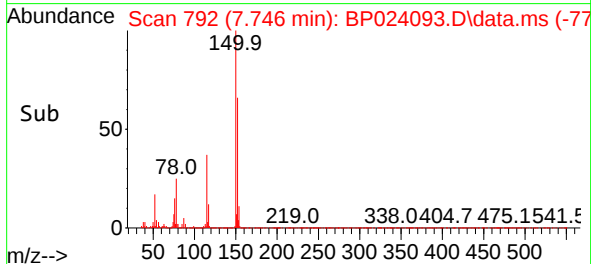
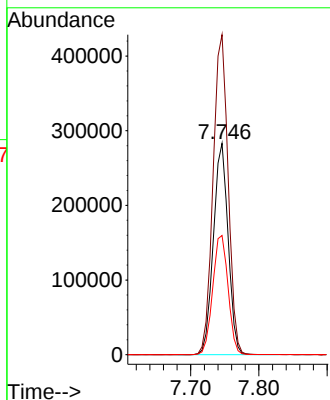
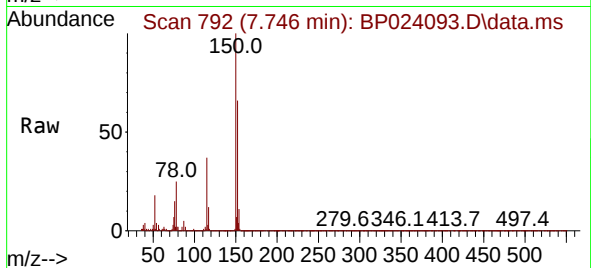




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 795
 Delta R.T. -0.017 min
 Lab File: BP024093.D
 Acq: 19 Feb 2025 10:32

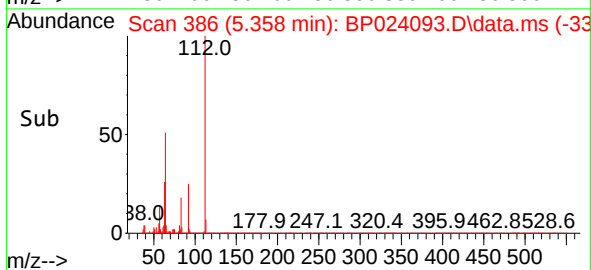
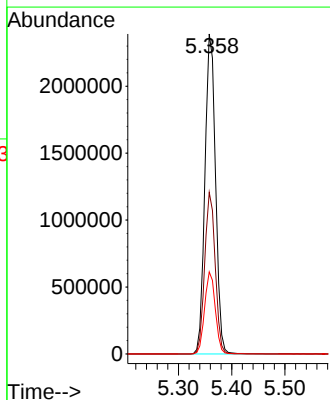
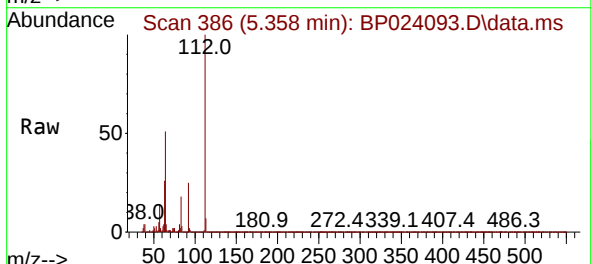
Instrument :
 BNA_P
 ClientSampleId :
 PB166339BL

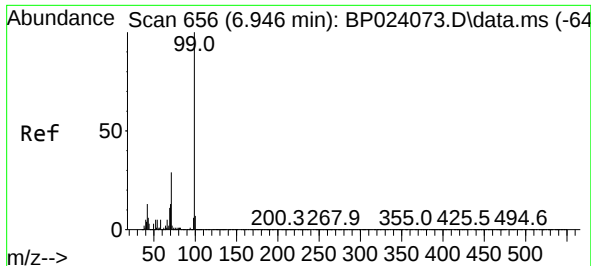
Tgt Ion:152 Resp: 425346
 Ion Ratio Lower Upper
 152 100
 150 151.4 122.4 183.6
 115 56.4 45.0 67.6



#5
 2-Fluorophenol
 Concen: 121.132 ng
 RT: 5.358 min Scan# 386
 Delta R.T. -0.018 min
 Lab File: BP024093.D
 Acq: 19 Feb 2025 10:32

Tgt Ion:112 Resp: 3301981
 Ion Ratio Lower Upper
 112 100
 64 50.5 39.6 59.4
 63 25.7 20.3 30.5

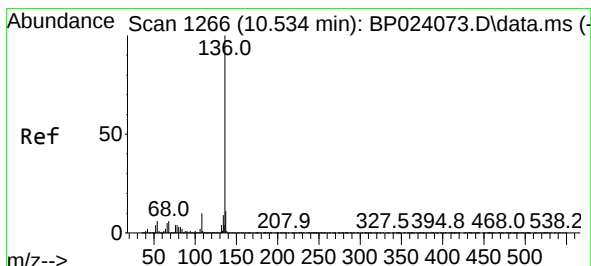
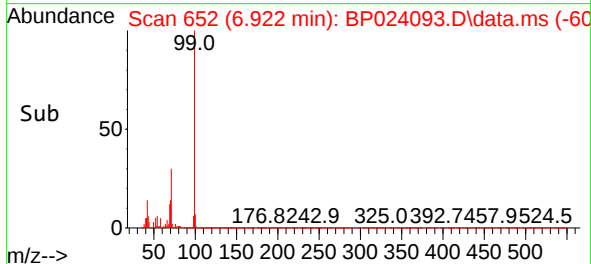
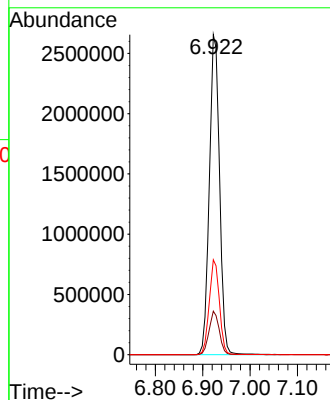
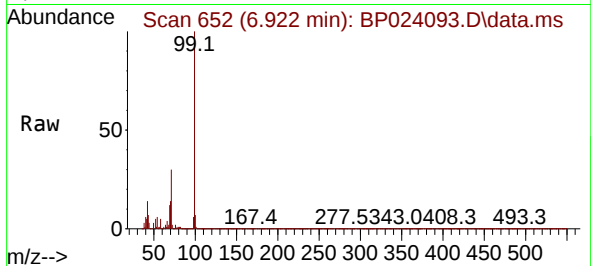




#7
Phenol-d6
Concen: 113.770 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.023 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

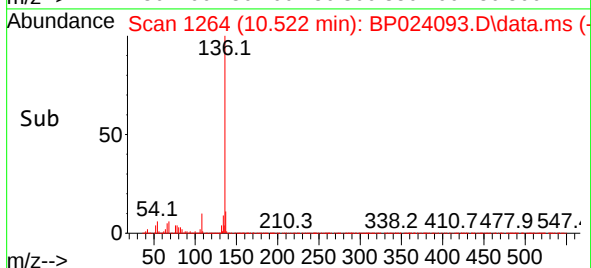
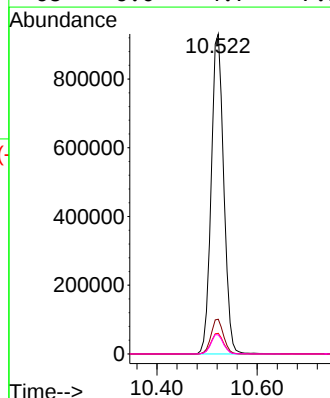
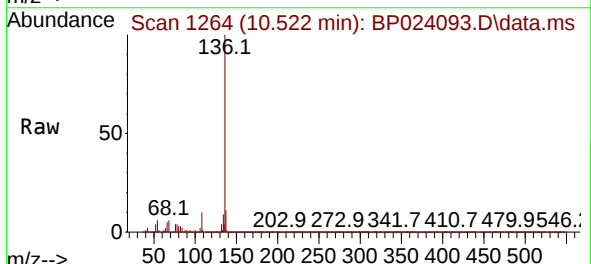
Instrument :
BNA_P
ClientSampleId :
PB166339BL

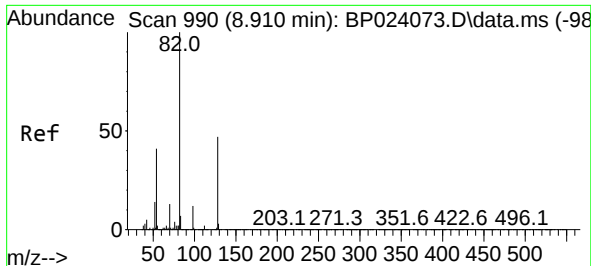
Tgt Ion: 99 Resp: 3986006
Ion Ratio Lower Upper
99 100
42 13.6 10.3 15.5
71 29.6 22.9 34.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

Tgt Ion:136 Resp: 1612307
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.5 4.9 7.3
68 6.0 4.7 7.1

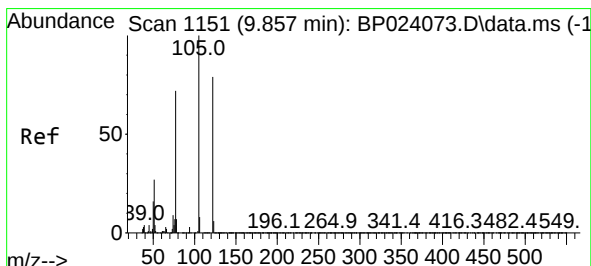
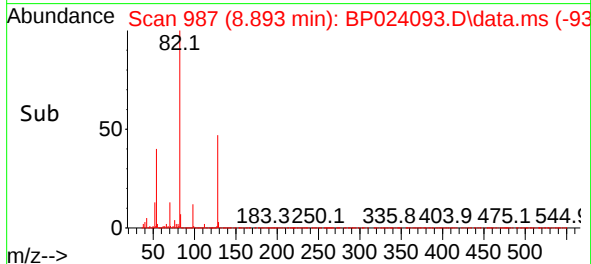
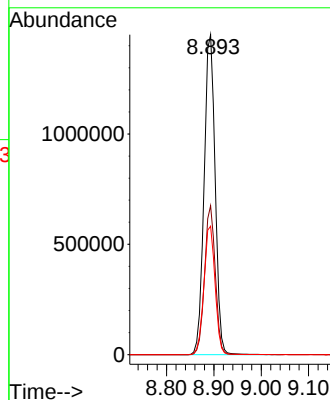
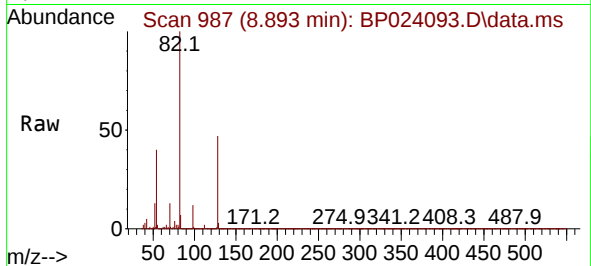




#23
 Nitrobenzene-d5
 Concen: 81.333 ng
 RT: 8.893 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BP024093.D
 Acq: 19 Feb 2025 10:32

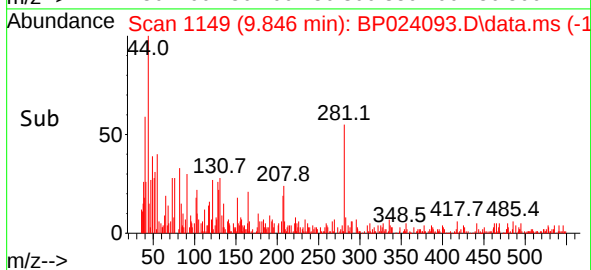
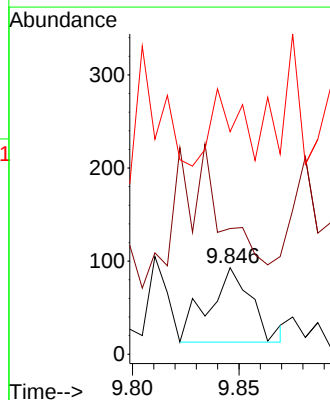
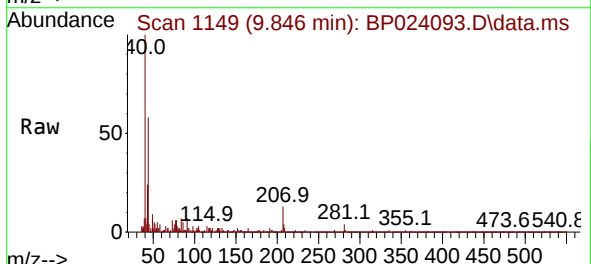
Instrument :
 BNA_P
 ClientSampleId :
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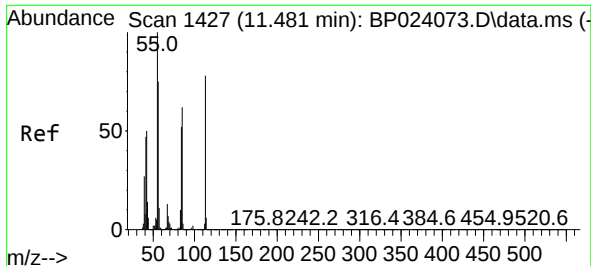
Tgt Ion: 82 Resp: 2350540
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.4 56.2
 54 40.1 32.4 48.6



#32
 Benzoic acid
 Concen: 7.493 ng
 RT: 9.846 min Scan# 1149
 Delta R.T. -0.011 min
 Lab File: BP024093.D
 Acq: 19 Feb 2025 10:32

Tgt Ion: 122 Resp: 113
 Ion Ratio Lower Upper
 122 100
 105 145.2 103.7 143.7#
 77 257.0 69.9 109.9#

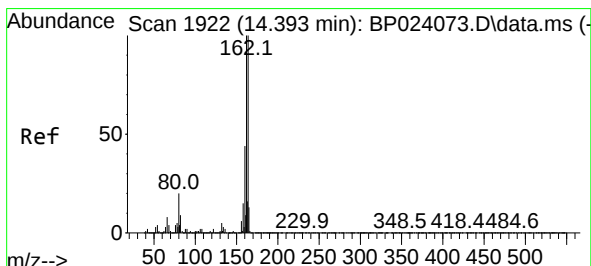
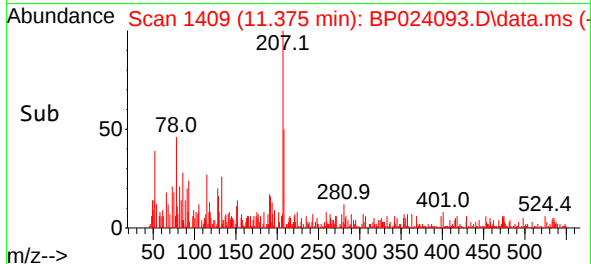
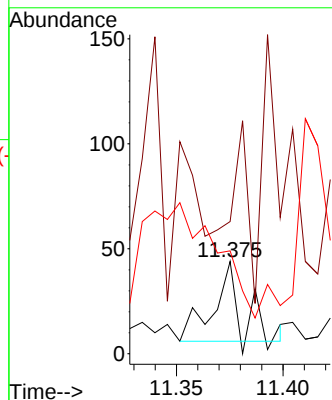
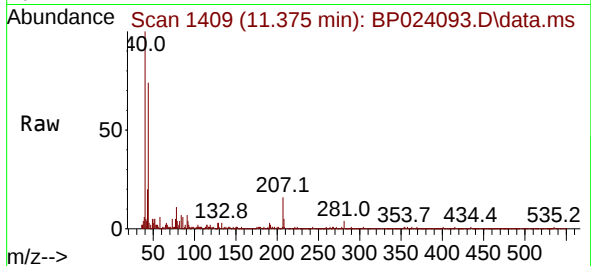




#35
Caprolactam
Concen: 5.578 ng
RT: 11.375 min Scan# 1427
Delta R.T. -0.106 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

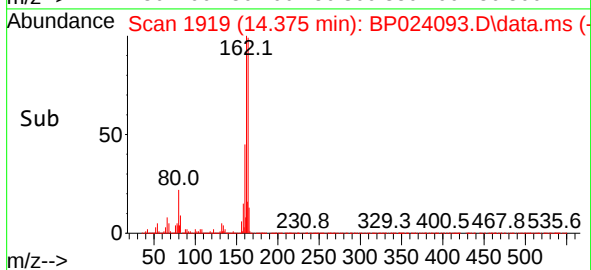
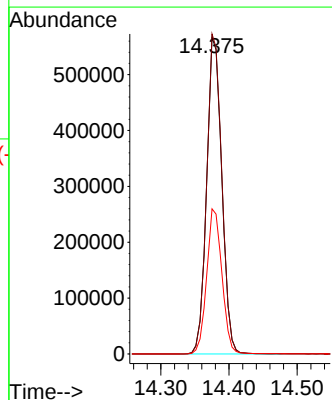
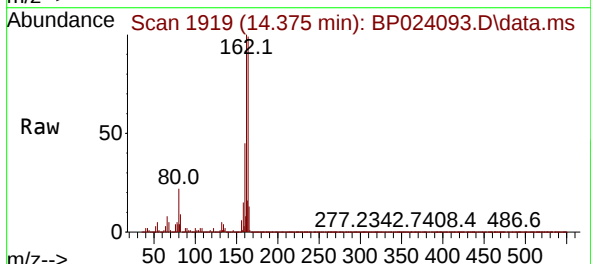
Instrument :
BNA_P
ClientSampleId :
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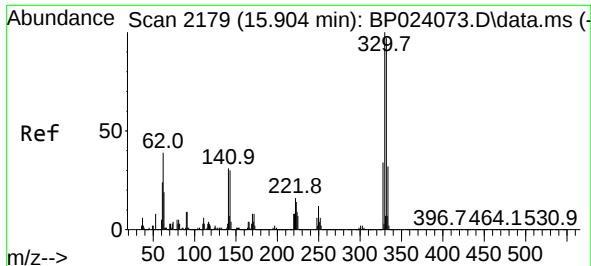
Tgt Ion:113 Resp: 35
Ion Ratio Lower Upper
113 100
55 143.2 108.8 148.8
56 111.4 76.5 116.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.018 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

Tgt Ion:164 Resp: 876538
Ion Ratio Lower Upper
164 100
162 101.1 80.1 120.1
160 45.8 35.6 53.4

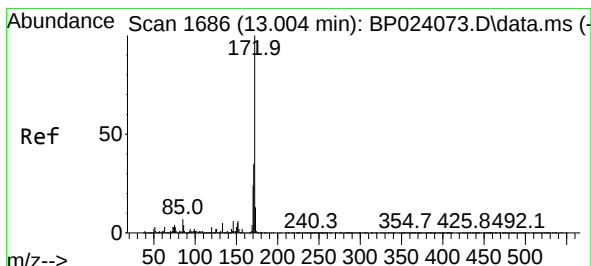
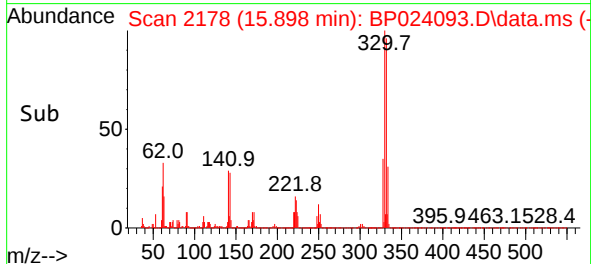
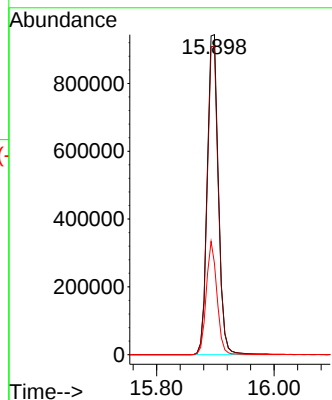
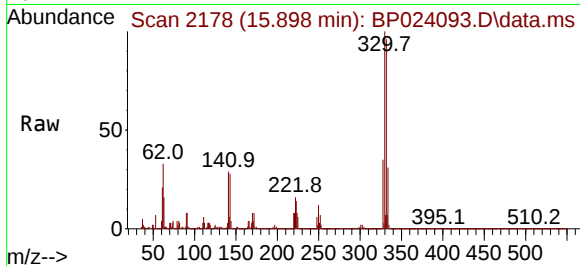




#42
2,4,6-Tribromophenol
Concen: 116.119 ng
RT: 15.898 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

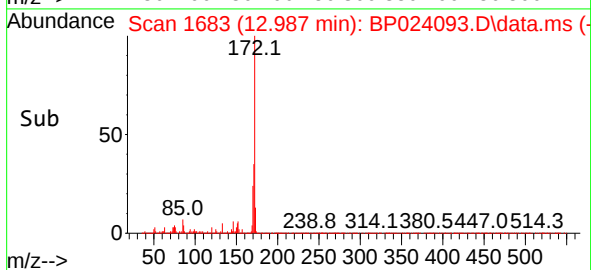
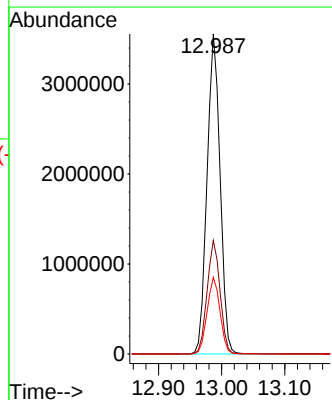
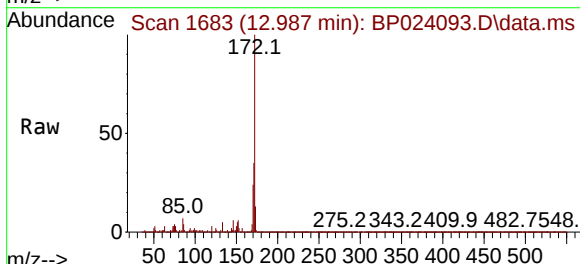
Instrument :
BNA_P
ClientSampleId :
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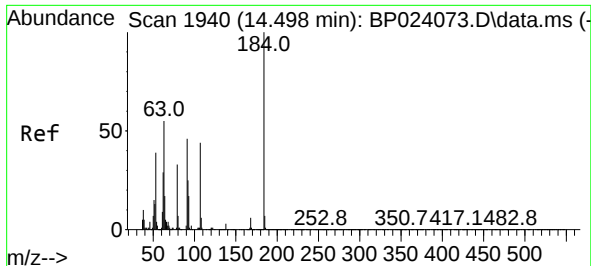
Tgt Ion:330 Resp: 1246724
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 33.7 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 81.456 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.018 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

Tgt Ion:172 Resp: 5107230
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.9 19.0 28.6

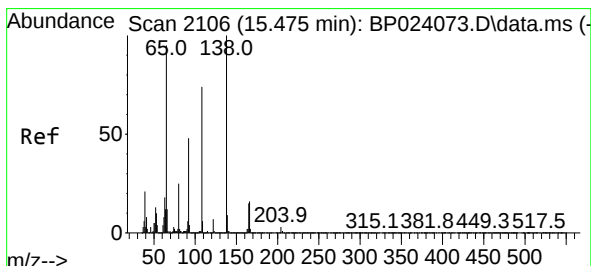
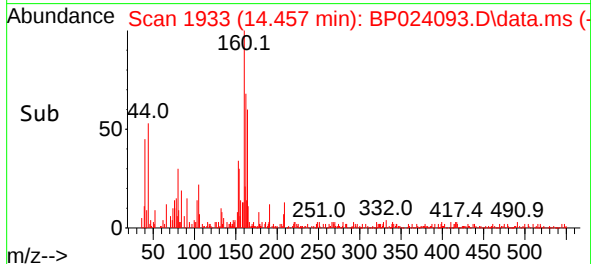
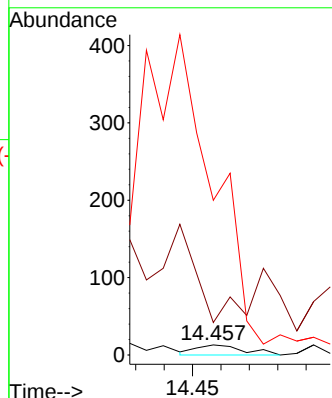
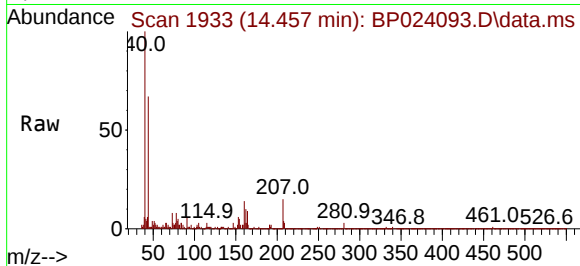




#54
2,4-Dinitrophenol
Concen: 7.781 ng
RT: 14.457 min Scan# 1940
Delta R.T. -0.041 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

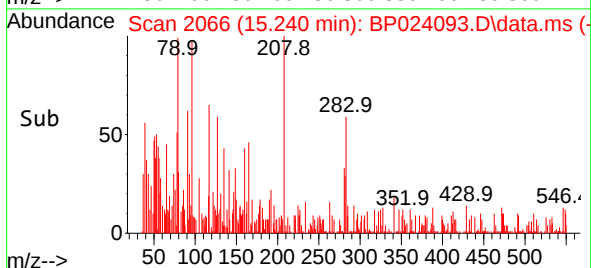
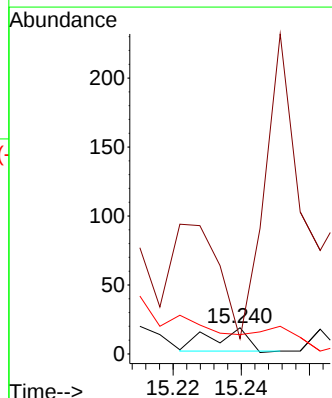
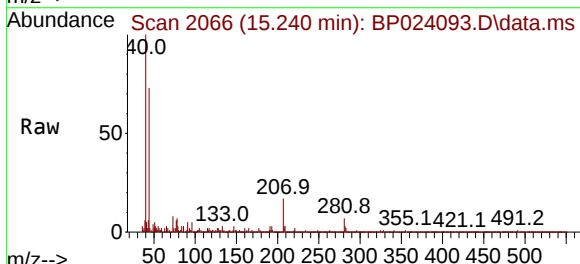
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BNA_P
ClientSampleId :
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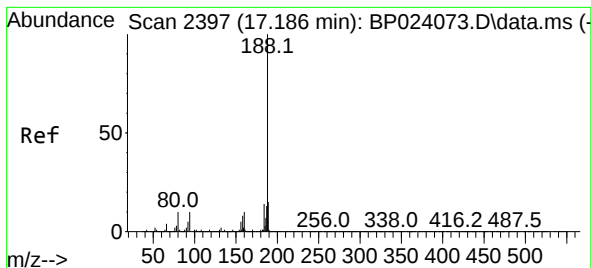
Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 323.1 49.4 74.0#
154 1538.5 49.2 73.8#



#62
4-Nitroaniline
Concen: 3.288 ng
RT: 15.240 min Scan# 2066
Delta R.T. -0.235 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
92 57.9 28.3 68.3
108 73.7 54.0 94.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.187 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BP024093.D

Acq: 19 Feb 2025 10:32

Instrument :

BNA_P

ClientSampleId :

PB166339BL

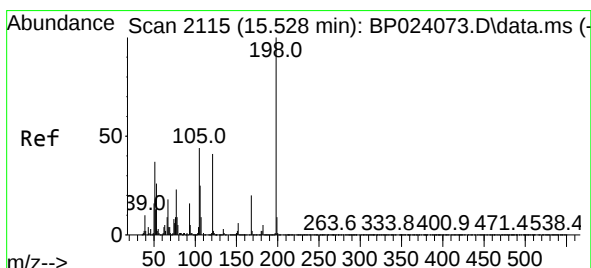
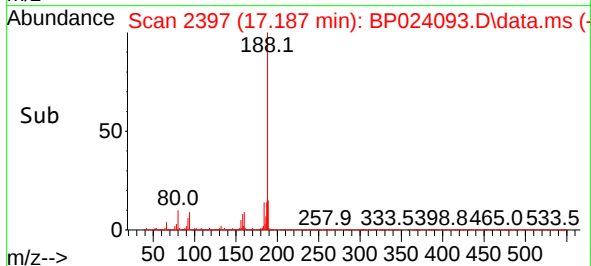
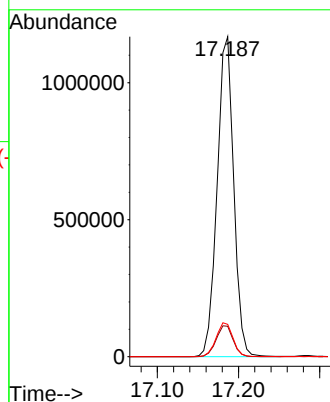
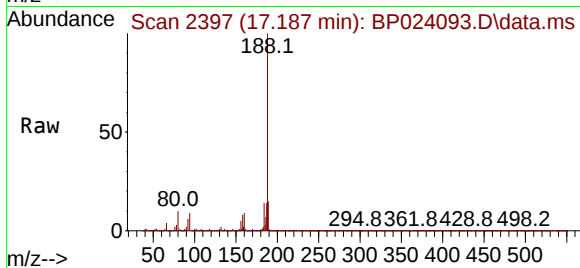
Tgt Ion:188 Resp: 1657853

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.1 8.2 12.2



#65

4,6-Dinitro-2-methylphenol

Concen: 6.010 ng

RT: 15.534 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BP024093.D

Acq: 19 Feb 2025 10:32

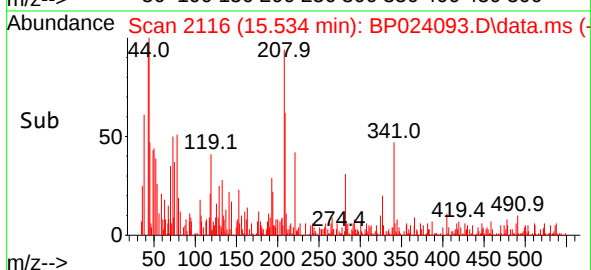
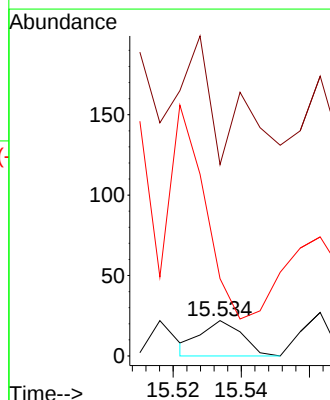
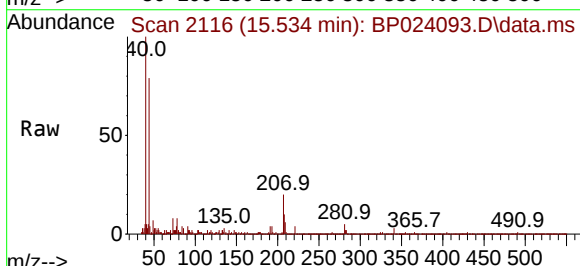
Tgt Ion:198 Resp: 18

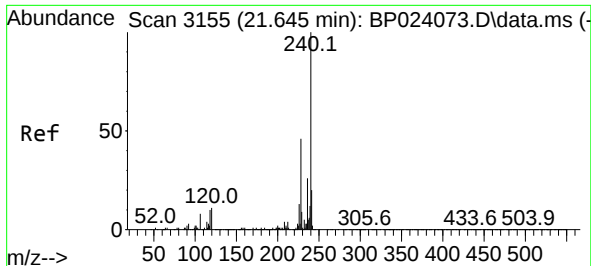
Ion Ratio Lower Upper

198 100

51 540.9 18.7 58.7#

105 218.2 24.7 64.7#

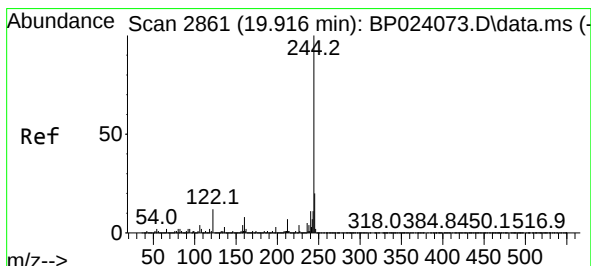
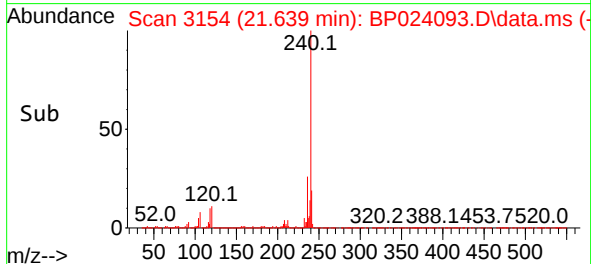
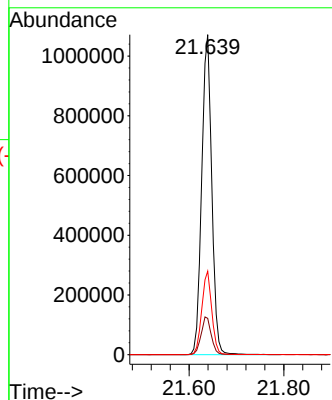
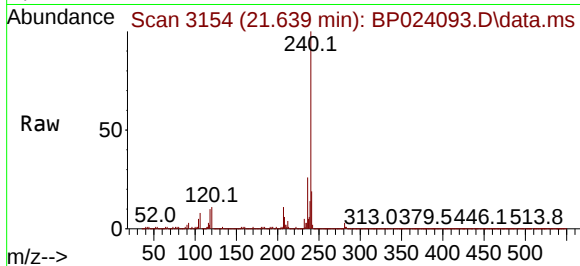




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

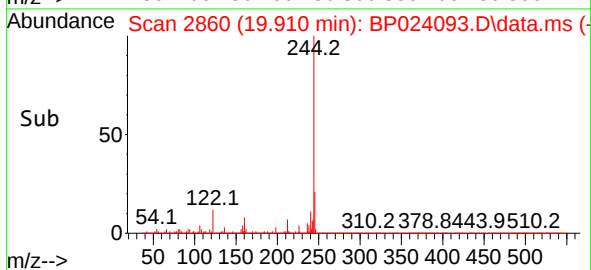
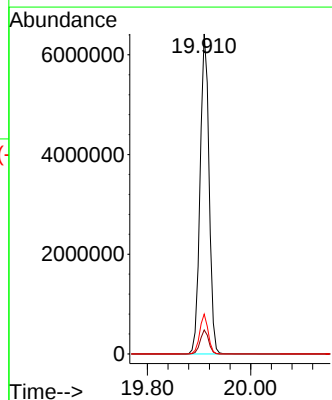
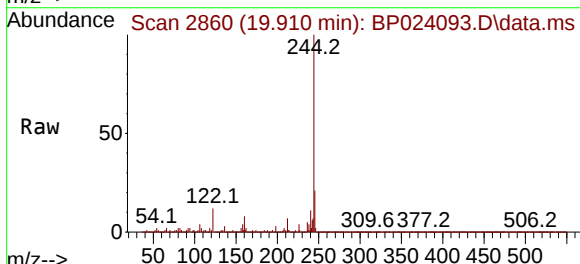
Instrument :
BNA_P
ClientSampleId :
PB166339BL

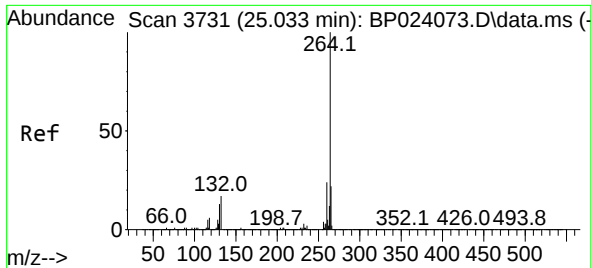
Tgt Ion:240 Resp: 1581603
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 96.664 ng
RT: 19.910 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BP024093.D
Acq: 19 Feb 2025 10:32

Tgt Ion:244 Resp: 7726296
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.5 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP024093.D
 Acq: 19 Feb 2025 10:32

Instrument :
 BNA_P
 ClientSampleId :
 PB166339BL

Tgt Ion:264 Resp: 1644502
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.3 17.8 26.8

