

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
 Data File : BP024107.D
 Acq On : 20 Feb 2025 13:46
 Operator : RC/JU
 Sample : PB166363BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166363BL

Quant Time: Feb 20 14:18:01 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)

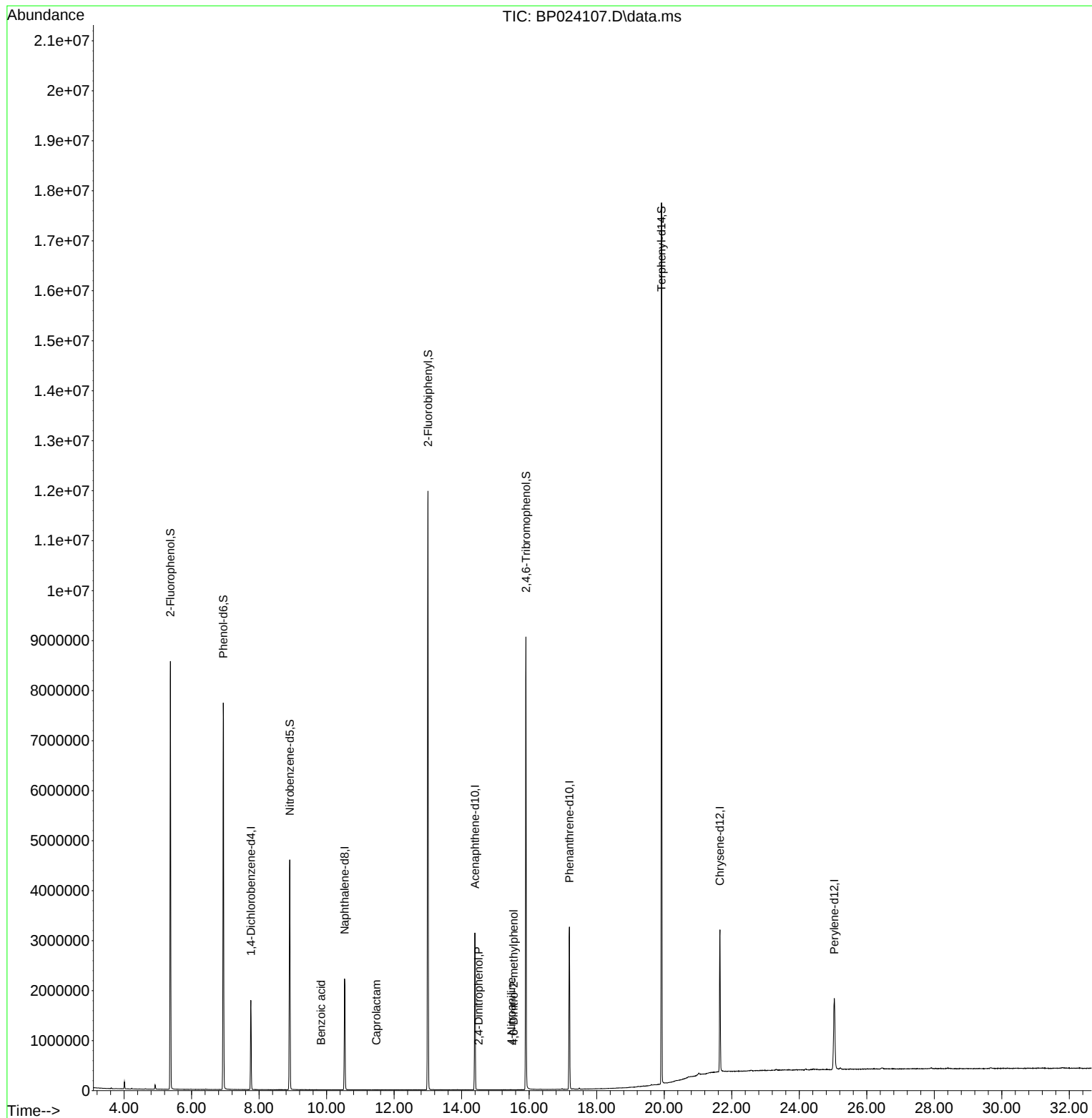
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	487719	20.000	ng	-0.03
21) Naphthalene-d8	10.534	136	1899111	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	1134959	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	2091726	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1666401	20.000	ng	-0.01
86) Perylene-d12	25.039	264	1584880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3842974	122.948	ng	-0.02
7) Phenol-d6	6.940	99	4802659	119.548	ng	-0.03
23) Nitrobenzene-d5	8.910	82	2754433	80.915	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	1661431	119.510	ng	-0.02
45) 2-Fluorobiphenyl	13.004	172	6415713	79.026	ng	-0.02
79) Terphenyl-d14	19.921	244	8121037	96.432	ng	-0.01
Target Compounds						
					Qvalue	
32) Benzoic acid	9.840	122	86	7.492	ng	# 35
35) Caprolactam	11.475	113	28	5.576	ng	# 43
54) 2,4-Dinitrophenol	14.504	184	58	7.784	ng	# 1
62) 4-Nitroaniline	15.475	138	22	3.289	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.539	198	18	6.010	ng	# 1

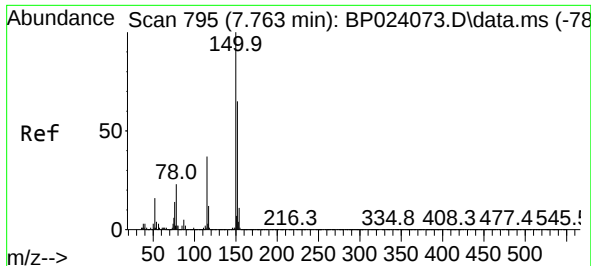
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
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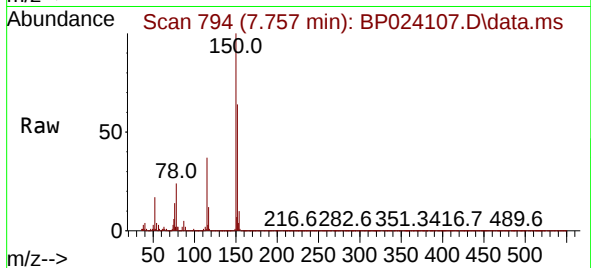
Quant Time: Feb 20 14:18:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration



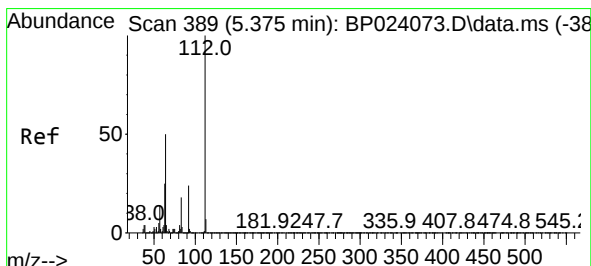
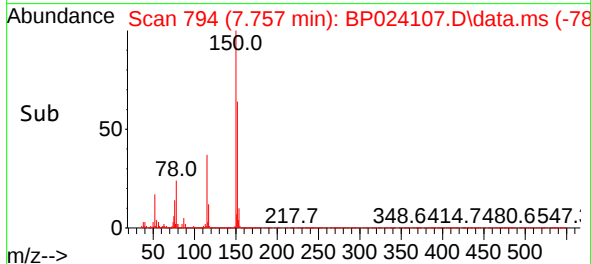
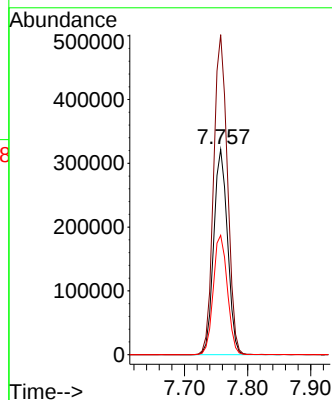


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 795
Delta R.T. -0.026 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Instrument :
BNA_P
ClientSampleId :
PB166363BL

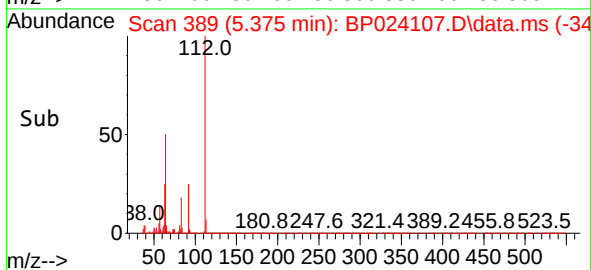
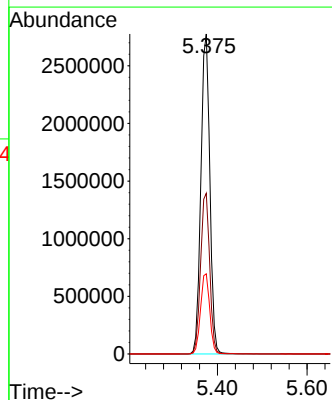
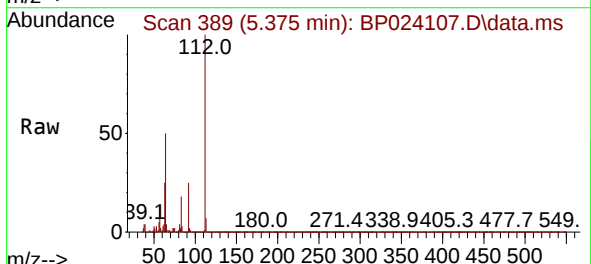


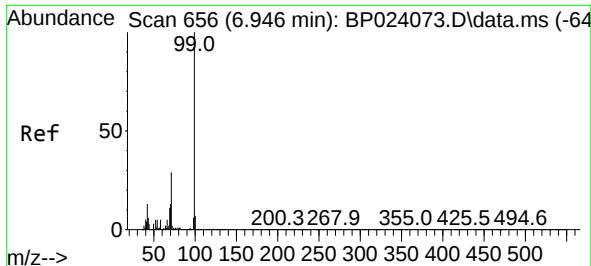
Tgt Ion:152 Resp: 487719
Ion Ratio Lower Upper
152 100
150 155.8 122.4 183.6
115 58.1 45.0 67.6



#5
2-Fluorophenol
Concen: 122.948 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.020 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Tgt Ion:112 Resp: 3842974
Ion Ratio Lower Upper
112 100
64 50.2 39.6 59.4
63 25.1 20.3 30.5



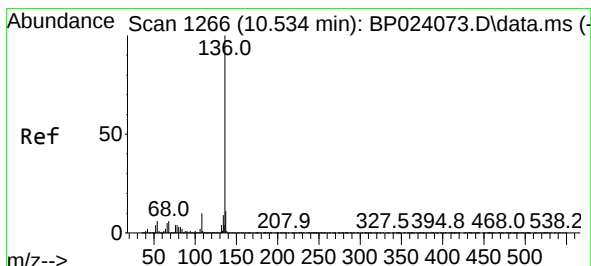
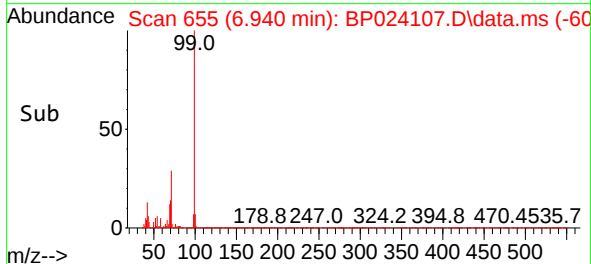
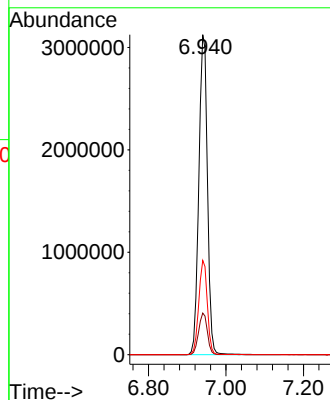
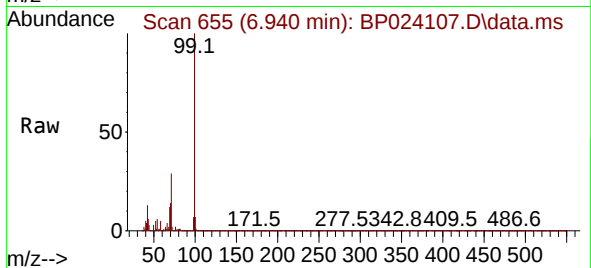


#7
Phenol-d6
Concen: 119.548 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.026 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Instrument :
BNA_P
ClientSampleId :
PB166363BL

Tgt Ion: 99 Resp: 4802659

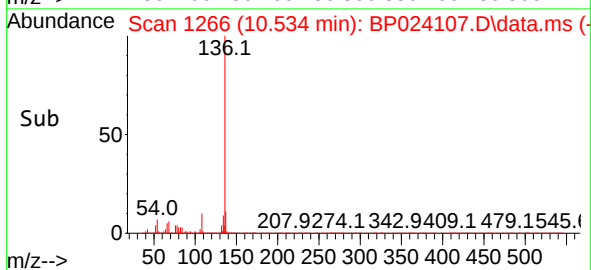
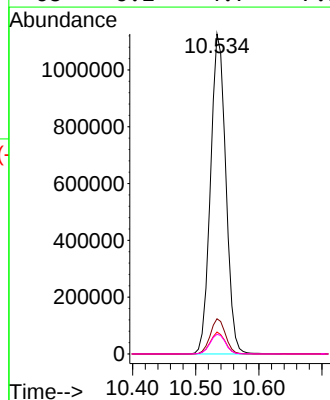
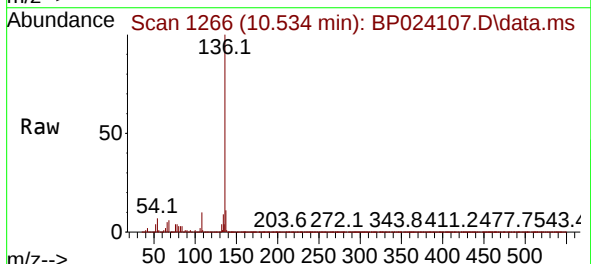
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.3	15.5
71	29.4	22.9	34.3

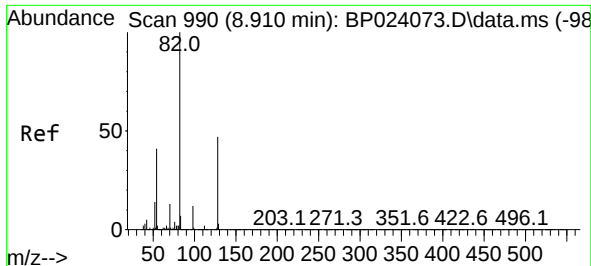


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.020 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Tgt Ion:136 Resp: 1899111

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	4.9	7.3
68	6.2	4.7	7.1

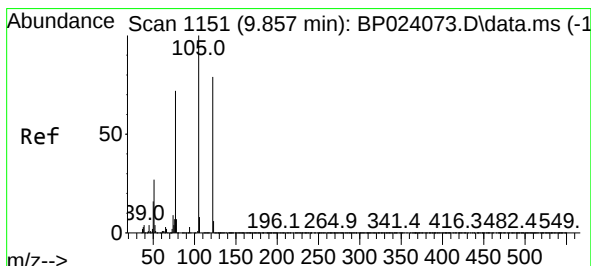
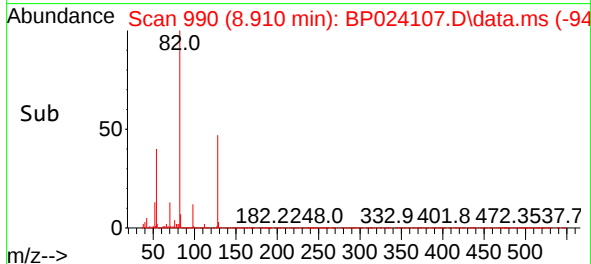
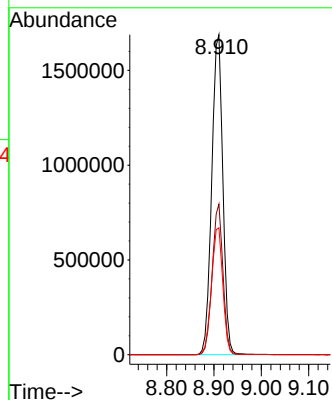
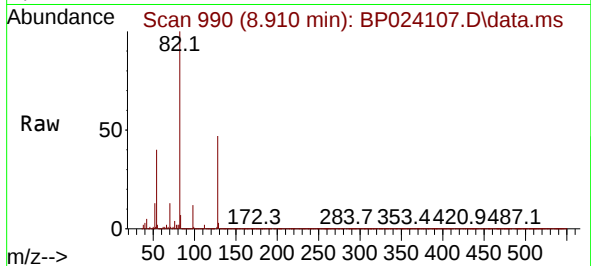




#23
Nitrobenzene-d5
Concen: 80.915 ng
RT: 8.910 min Scan# 91
Delta R.T. -0.020 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

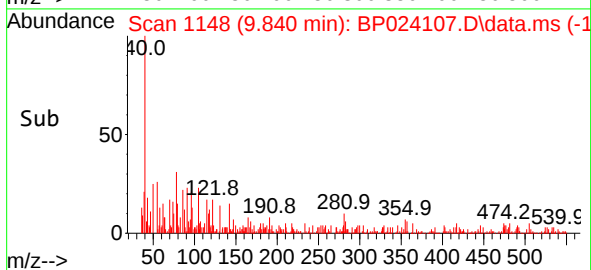
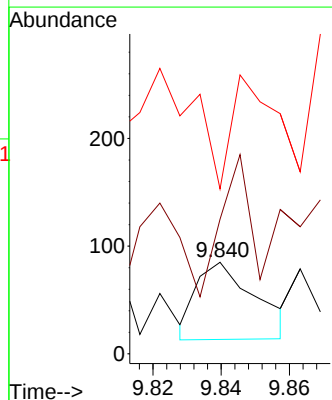
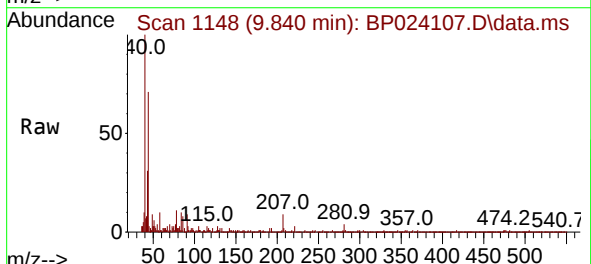
Instrument :
BNA_P
ClientSampleId :
PB166363BL

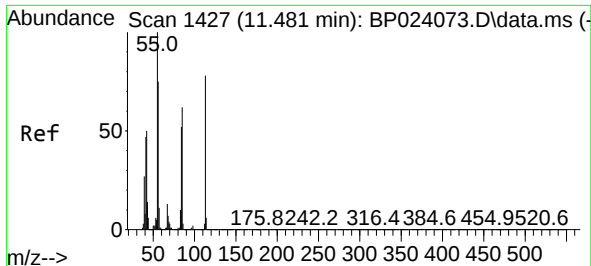
Tgt Ion: 82 Resp: 2754433
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.2
54 39.7 32.4 48.6



#32
Benzoic acid
Concen: 7.492 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.037 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Tgt Ion: 122 Resp: 86
Ion Ratio Lower Upper
122 100
105 172.9 103.7 143.7#
77 180.0 69.9 109.9#

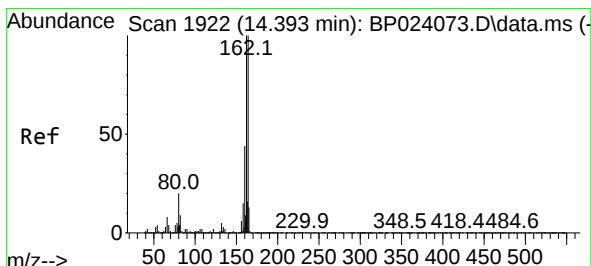
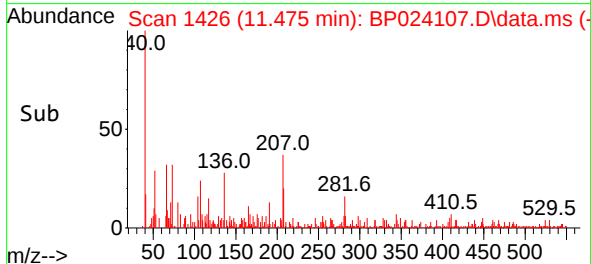
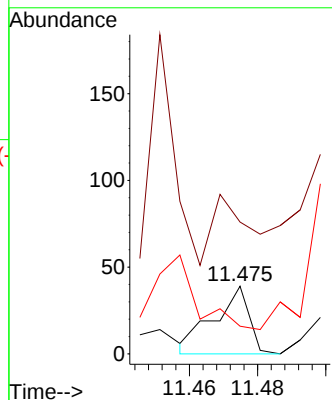
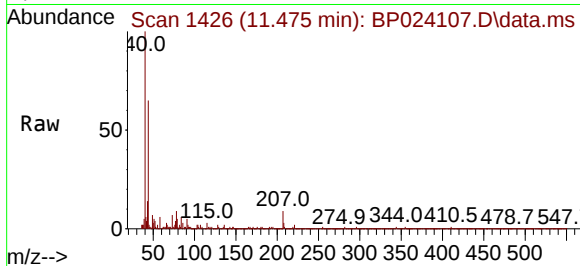




#35
Caprolactam
Concen: 5.576 ng
RT: 11.475 min Scan# 1427
Delta R.T. -0.026 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

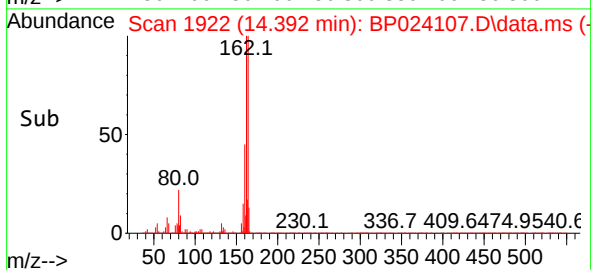
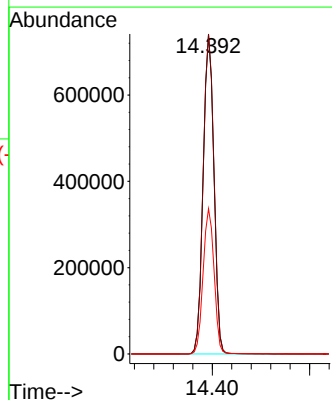
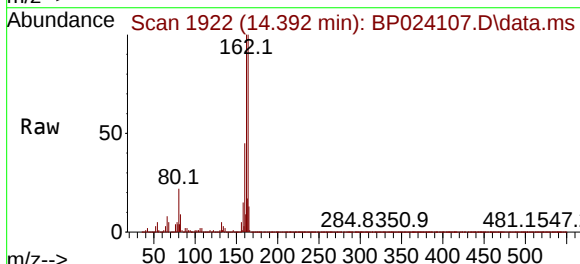
Instrument :
BNA_P
ClientSampleId :
PB166363BL

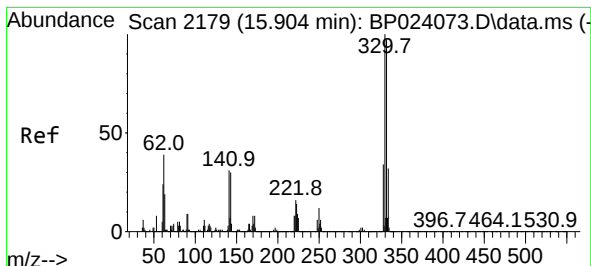
Tgt Ion:113 Resp: 28
Ion Ratio Lower Upper
113 100
55 194.9 108.8 148.8#
56 41.0 76.5 116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.020 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Tgt Ion:164 Resp: 1134959
Ion Ratio Lower Upper
164 100
162 100.1 80.1 120.1
160 45.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 119.510 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.020 min

Lab File: BP024107.D

Acq: 20 Feb 2025 13:46

Instrument :

BNA_P

ClientSampleId :

PB166363BL

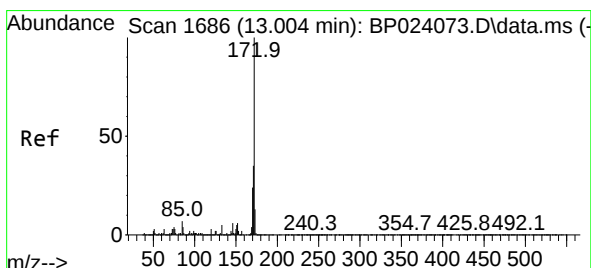
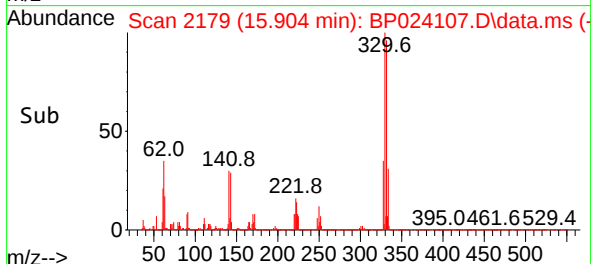
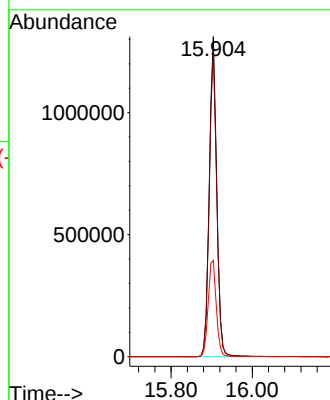
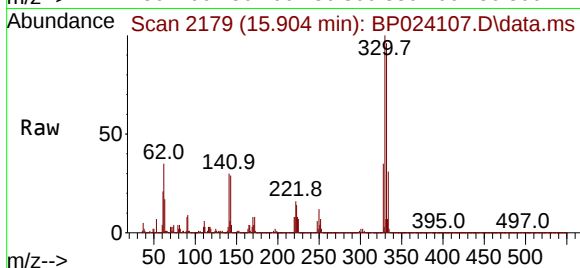
Tgt Ion:330 Resp: 1661431

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 33.0 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 79.026 ng

RT: 13.004 min Scan# 1686

Delta R.T. -0.020 min

Lab File: BP024107.D

Acq: 20 Feb 2025 13:46

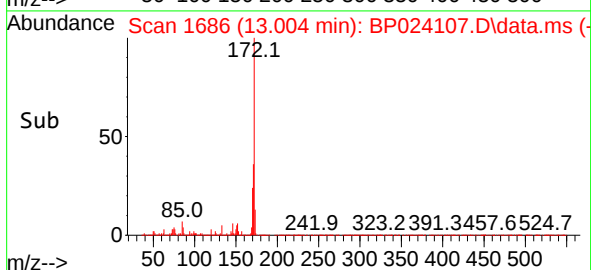
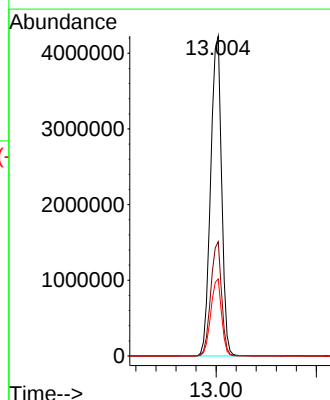
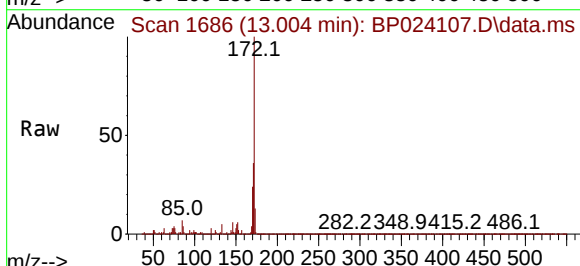
Tgt Ion:172 Resp: 6415713

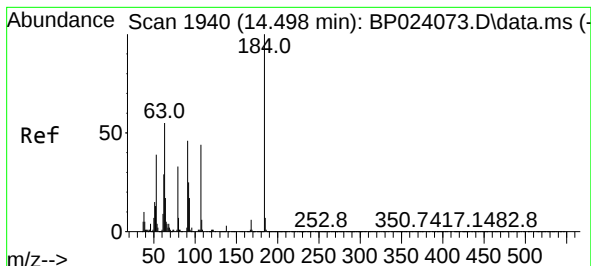
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.0 19.0 28.6

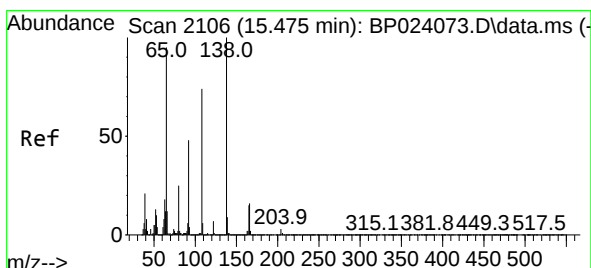
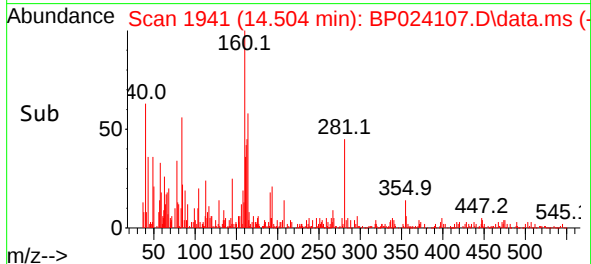
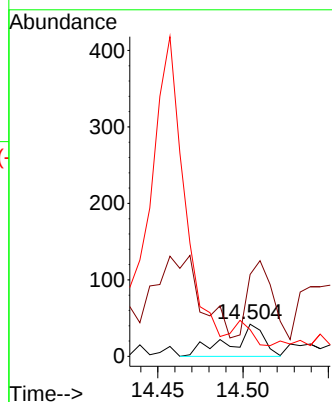
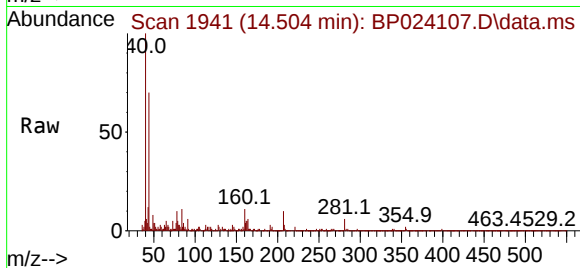




#54
2,4-Dinitrophenol
Concen: 7.784 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.014 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

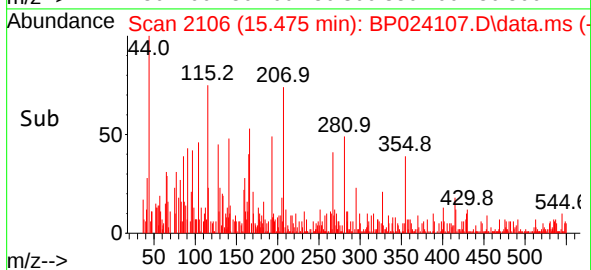
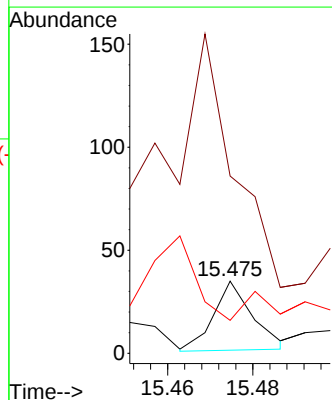
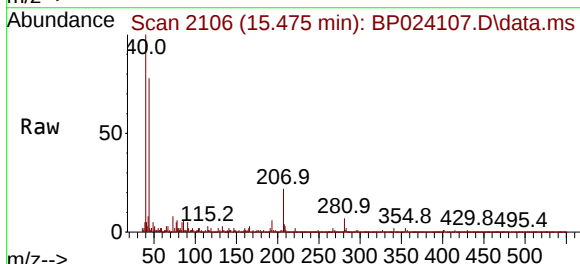
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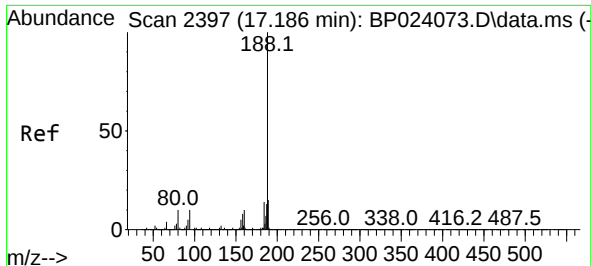
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 254.8 49.4 74.0#
154 83.3 49.2 73.8#



#62
4-Nitroaniline
Concen: 3.289 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.020 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
92 245.7 28.3 68.3#
108 45.7 54.0 94.0#

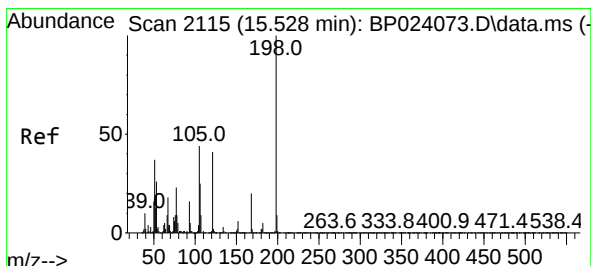
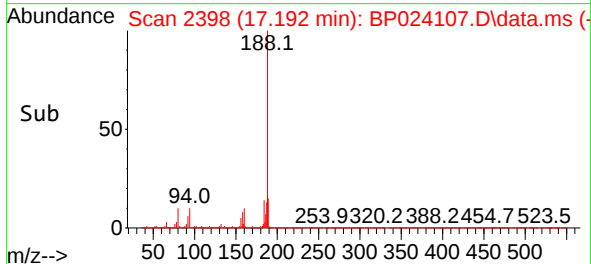
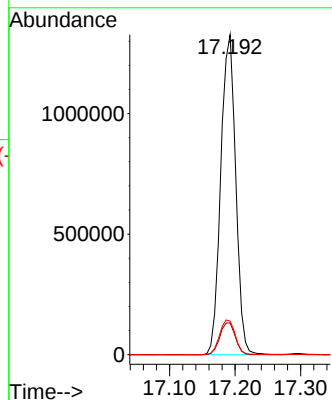
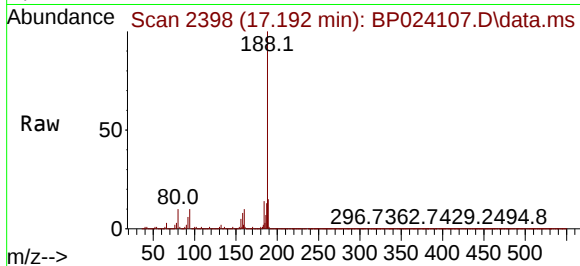




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2119
Delta R.T. -0.014 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

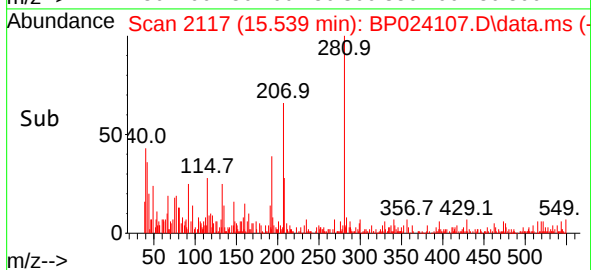
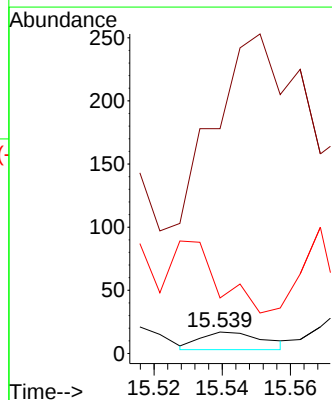
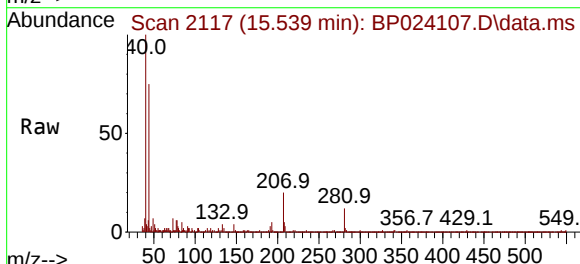
Instrument :
BNA_P
ClientSampleId :
PB166363BL

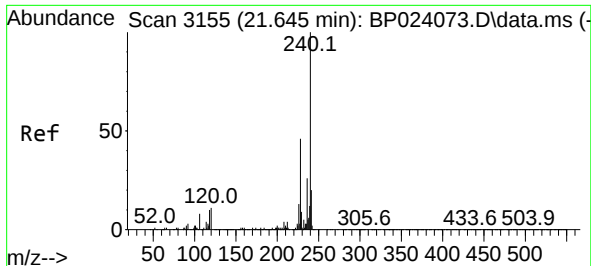
Tgt Ion:188 Resp: 2091726
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 10.5 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.010 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 1047.1 18.7 58.7#
105 258.8 24.7 64.7#

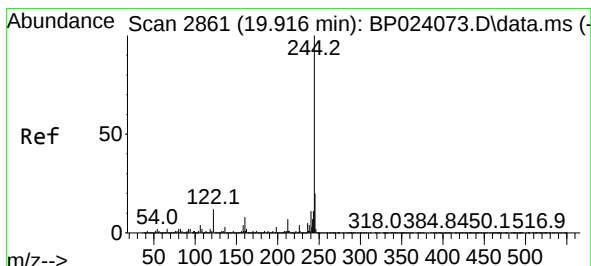
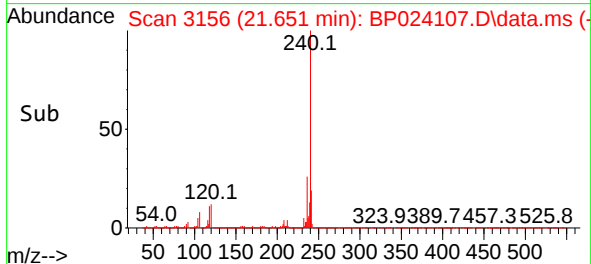
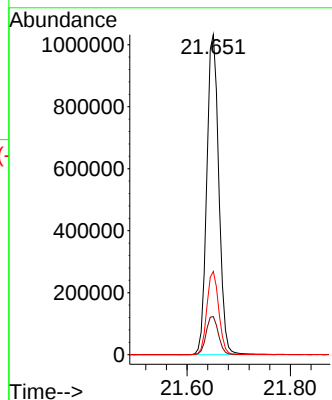
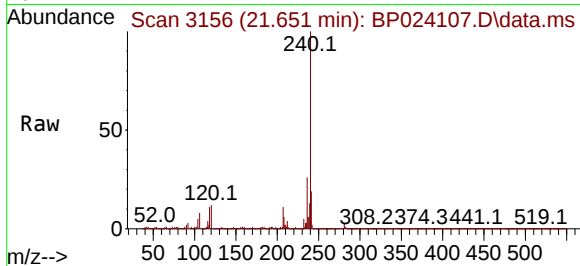




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3155
Delta R.T. -0.014 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

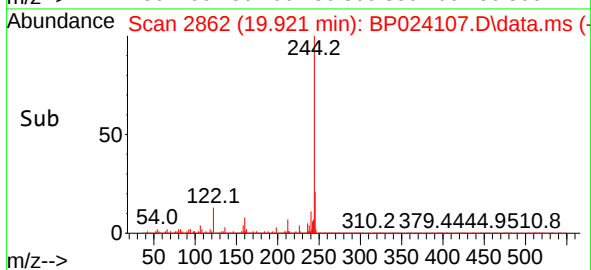
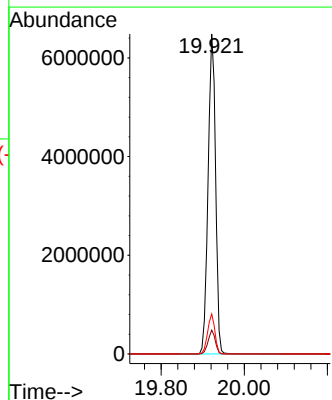
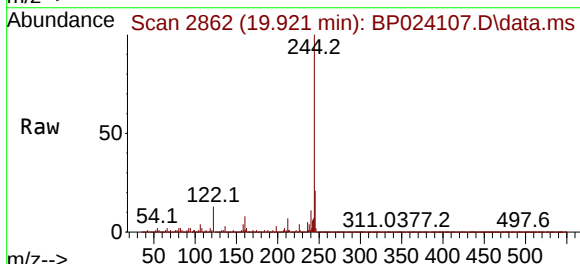
Instrument :
BNA_P
ClientSampleId :
PB166363BL

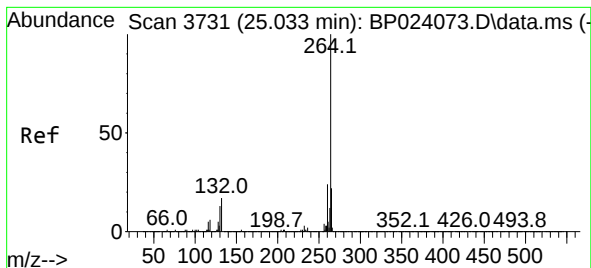
Tgt Ion:240 Resp: 1666401
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 96.432 ng
RT: 19.921 min Scan# 2862
Delta R.T. -0.014 min
Lab File: BP024107.D
Acq: 20 Feb 2025 13:46

Tgt Ion:244 Resp: 8121037
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: 25.039 min Scan# 31

Delta R.T. -0.014 min

Lab File: BP024107.D

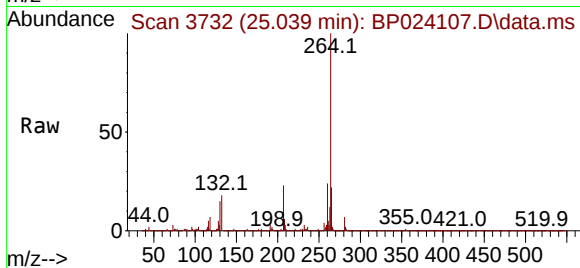
Acq: 20 Feb 2025 13:46

Instrument :

BNA_P

ClientSampleId :

PB166363BL



Tgt Ion:264 Resp: 1584880

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.2 17.8 26.8

