

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021725\
 Data File : BP024078.D
 Acq On : 17 Feb 2025 17:36
 Operator : RC/JU
 Sample : PB166698BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166698BL

Quant Time: Feb 18 03:02:42 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)

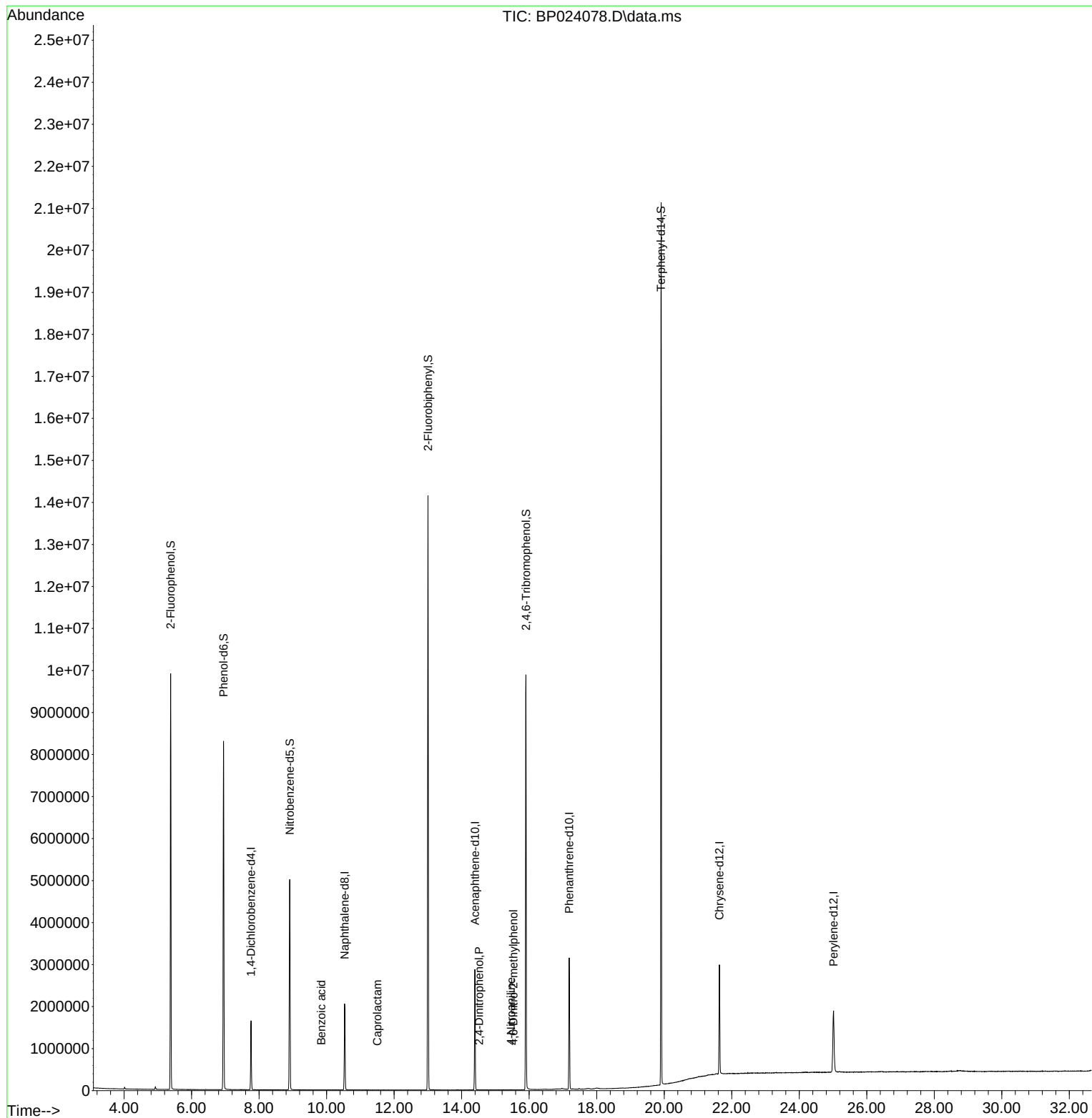
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	437383	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1680499	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	989916	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	1884903	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1509617	20.000	ng	-0.01
86) Perylene-d12	25.016	264	1468519	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	4325761	154.321	ng	0.00
7) Phenol-d6	6.946	99	5278716	146.520	ng	0.00
23) Nitrobenzene-d5	8.911	82	3043370	101.033	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1933104	159.426	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	7140735	100.844	ng	0.00
79) Terphenyl-d14	19.910	244	9686972	126.973	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.846	122	74	7.492	ng	# 59
35) Caprolactam	11.499	113	10	5.575	ng	# 1
54) 2,4-Dinitrophenol	14.516	184	22	7.782	ng	# 1
62) 4-Nitroaniline	15.463	138	34	3.289	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	21	6.010	ng	# 1

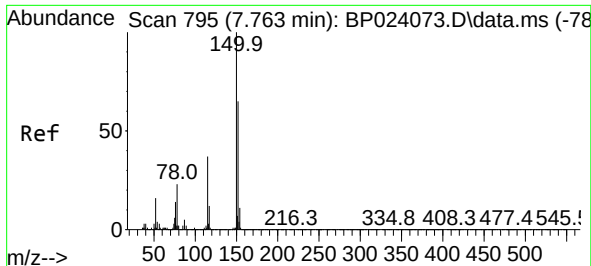
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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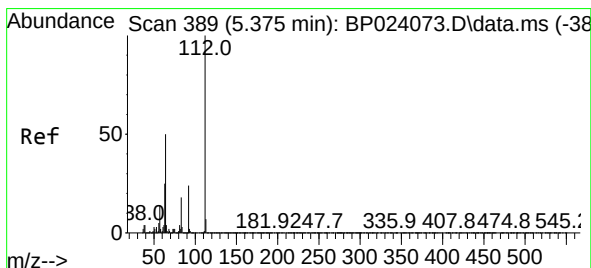
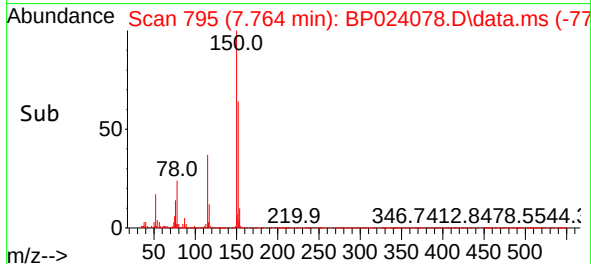
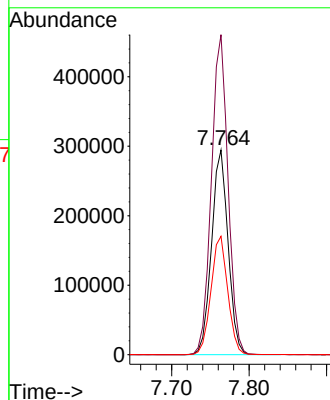
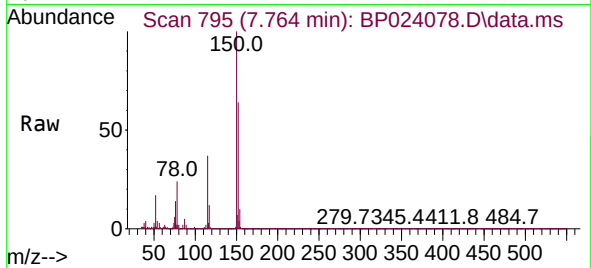




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 795
Delta R.T. 0.001 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

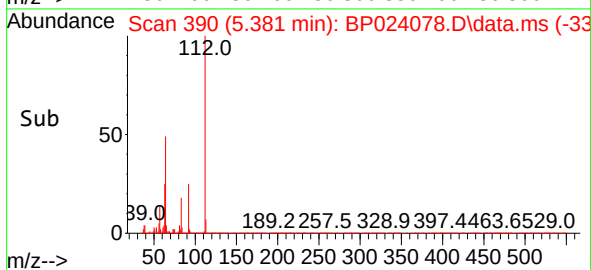
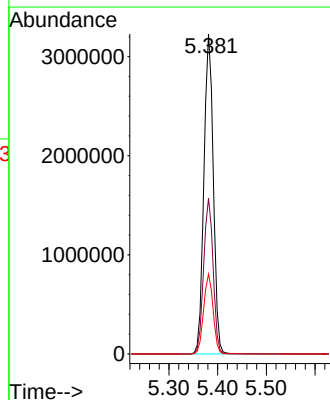
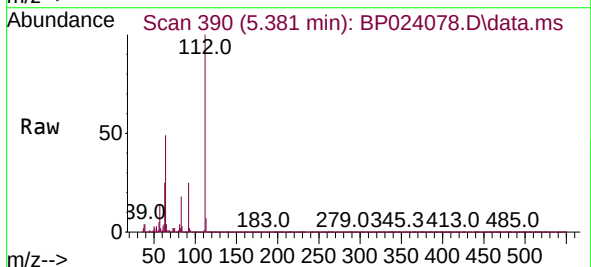
Instrument :
BNA_P
ClientSampleId :
PB166698BL

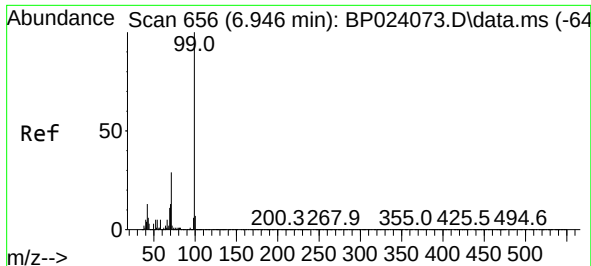
Tgt Ion:152 Resp: 437383
Ion Ratio Lower Upper
152 100
150 156.4 122.4 183.6
115 57.8 45.0 67.6



#5
2-Fluorophenol
Concen: 154.321 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

Tgt Ion:112 Resp: 4325761
Ion Ratio Lower Upper
112 100
64 48.7 39.6 59.4
63 24.9 20.3 30.5



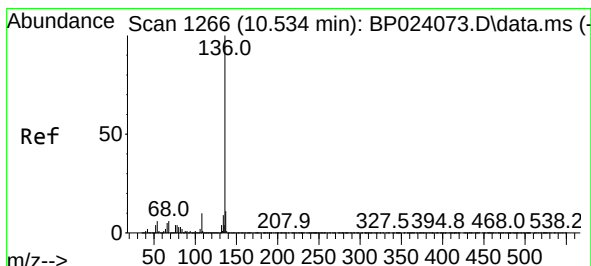
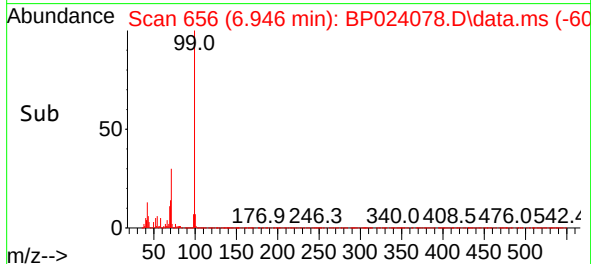
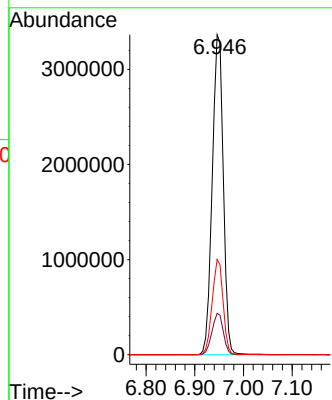
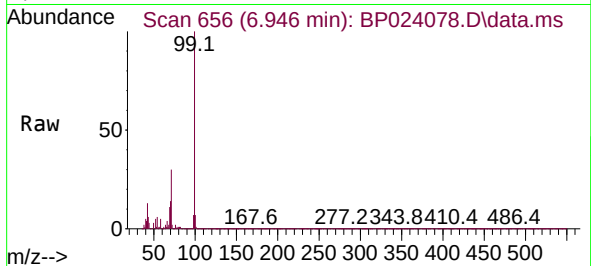


#7
Phenol-d6
Concen: 146.520 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.000 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

Instrument :
BNA_P
ClientSampleId :
PB166698BL

Tgt Ion: 99 Resp: 5278716

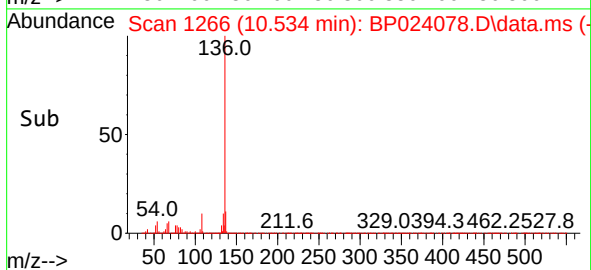
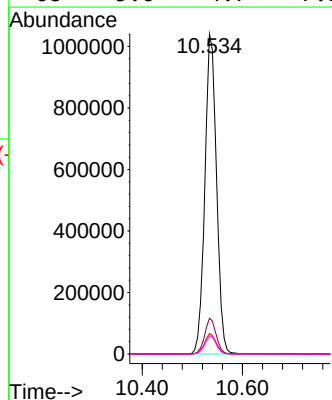
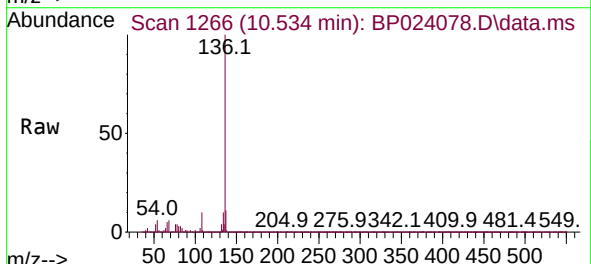
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.3	15.5
71	29.8	22.9	34.3

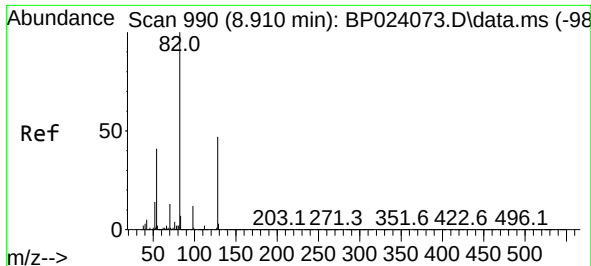


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

Tgt Ion:136 Resp: 1680499

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	4.9	7.3
68	5.6	4.7	7.1

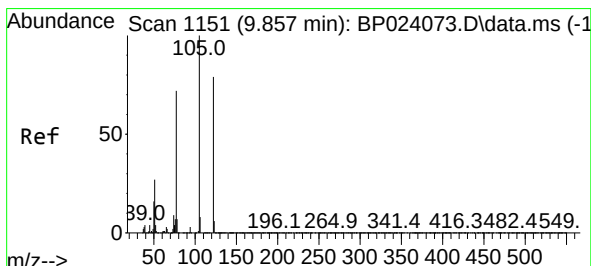
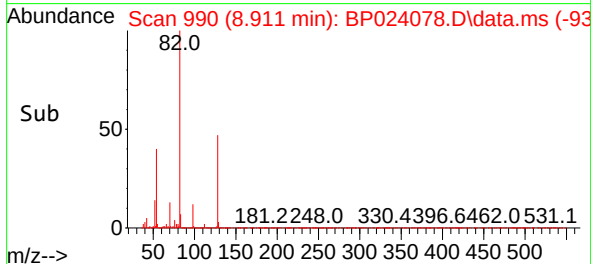
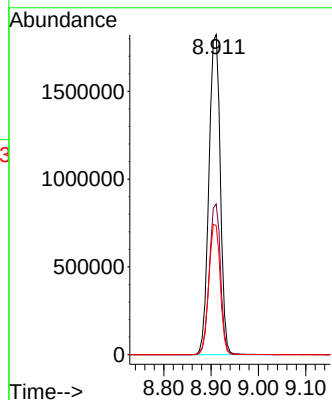
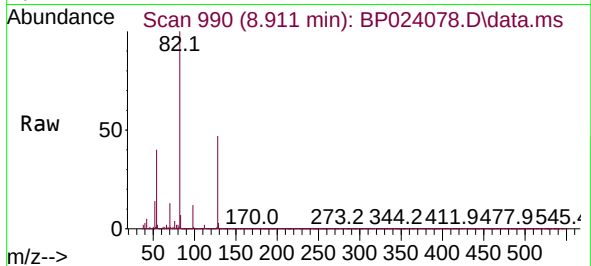




#23
Nitrobenzene-d5
Concen: 101.033 ng
RT: 8.911 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

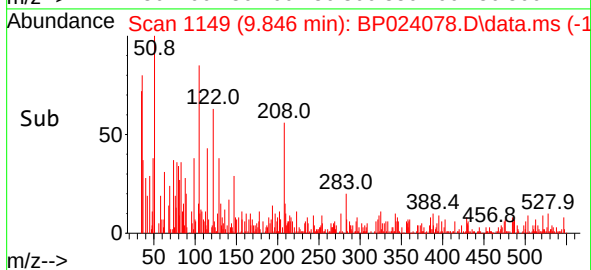
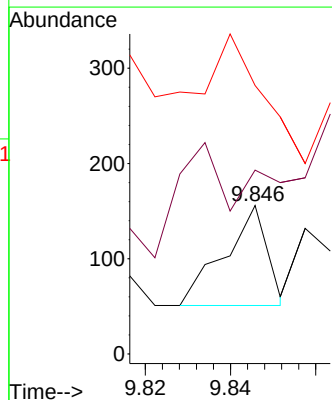
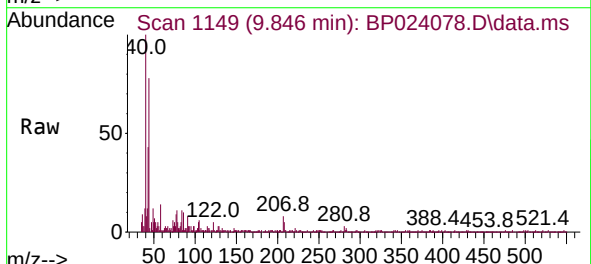
Instrument :
BNA_P
ClientSampleId :
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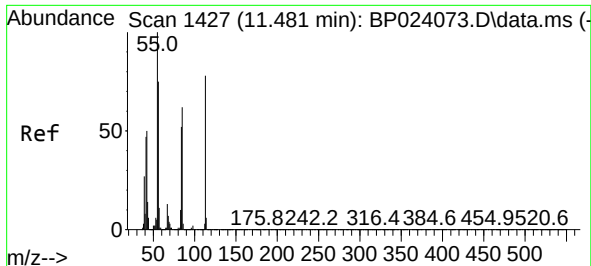
Tgt Ion: 82 Resp: 3043370
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.2
54 40.3 32.4 48.6



#32
Benzoic acid
Concen: 7.492 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.011 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

Tgt Ion:122 Resp: 74
Ion Ratio Lower Upper
122 100
105 123.7 103.7 143.7
77 180.8 69.9 109.9#

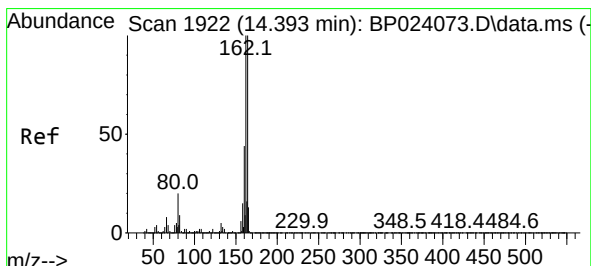
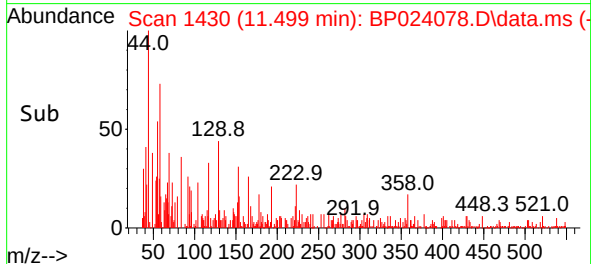
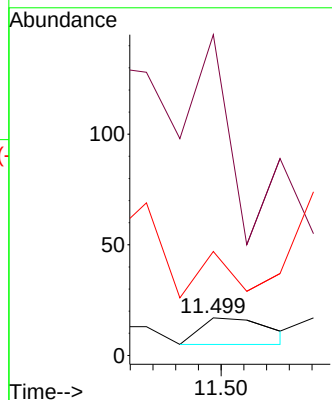
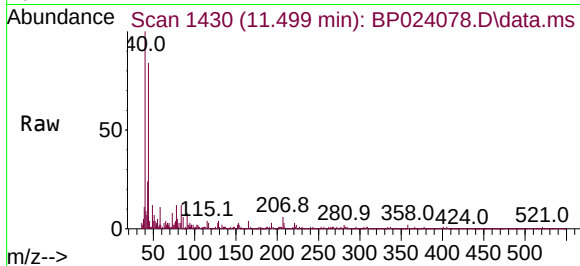




#35
Caprolactam
Concen: 5.575 ng
RT: 11.499 min Scan# 1427
Delta R.T. 0.018 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

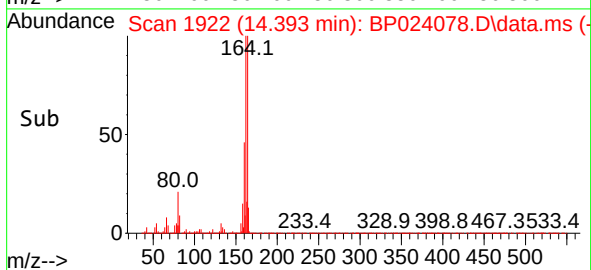
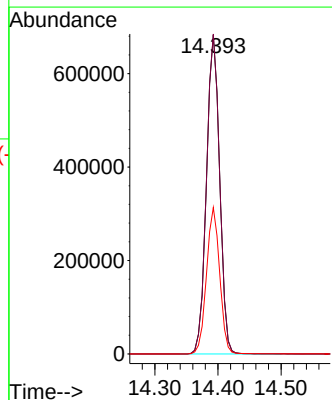
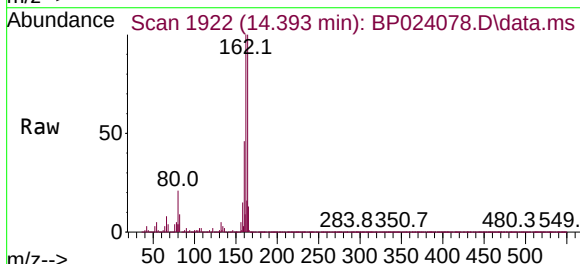
Instrument :
BNA_P
ClientSampleId :
PB166698BL

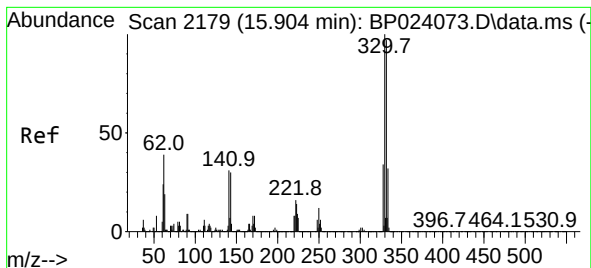
Tgt Ion:113 Resp: 10
Ion Ratio Lower Upper
113 100
55 852.9 108.8 148.8#
56 276.5 76.5 116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

Tgt Ion:164 Resp: 989916
Ion Ratio Lower Upper
164 100
162 100.3 80.1 120.1
160 45.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 159.426 ng

RT: 15.904 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024078.D

Acq: 17 Feb 2025 17:36

Instrument :

BNA_P

ClientSampleId :

PB166698BL

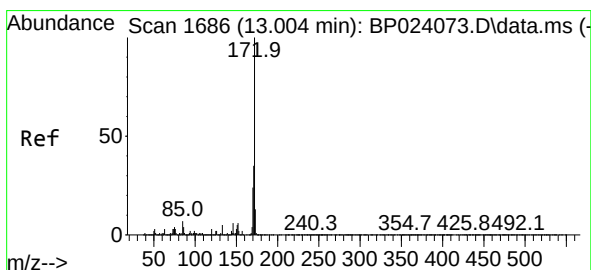
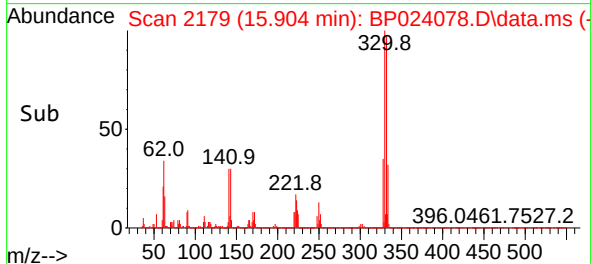
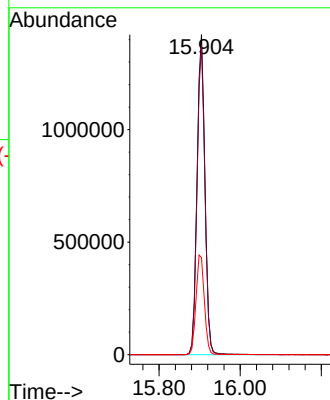
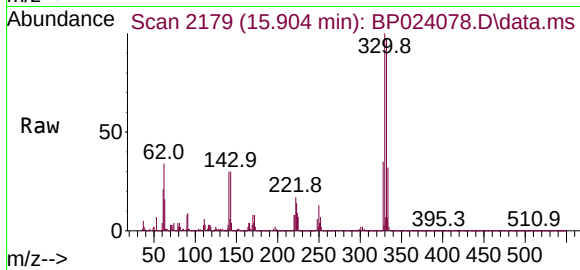
Tgt Ion:330 Resp: 1933104

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

141 32.9 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 100.844 ng

RT: 13.004 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BP024078.D

Acq: 17 Feb 2025 17:36

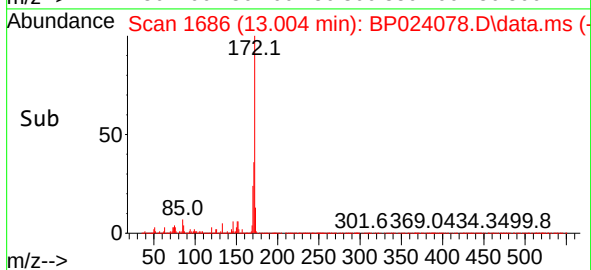
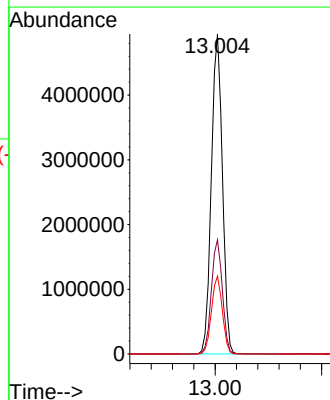
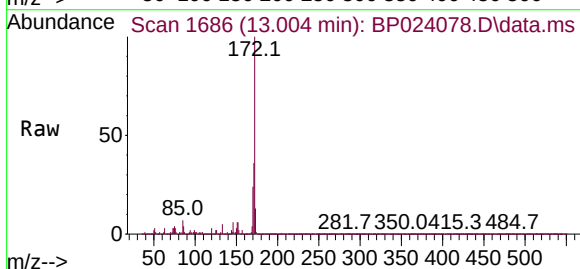
Tgt Ion:172 Resp: 7140735

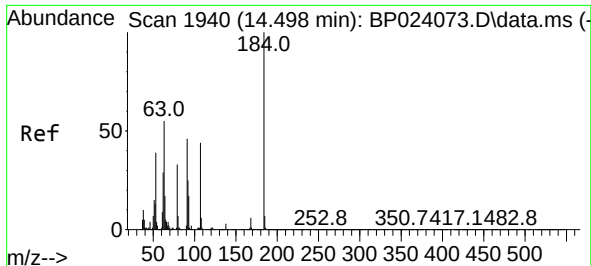
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 24.3 19.0 28.6

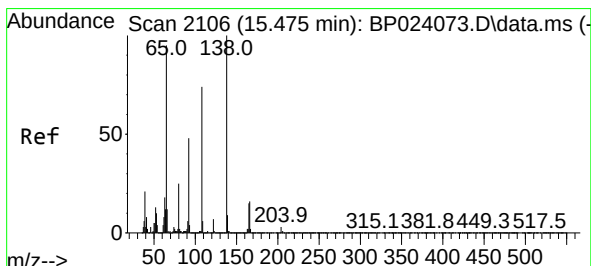
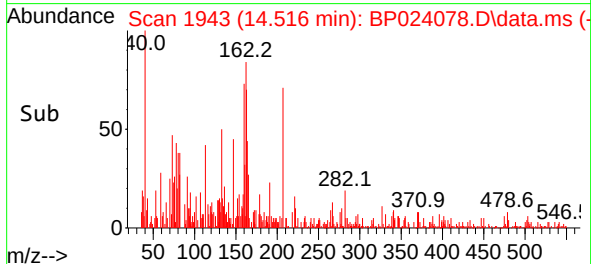
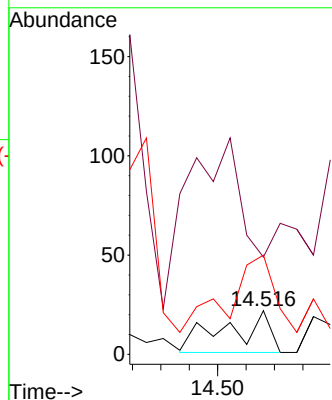
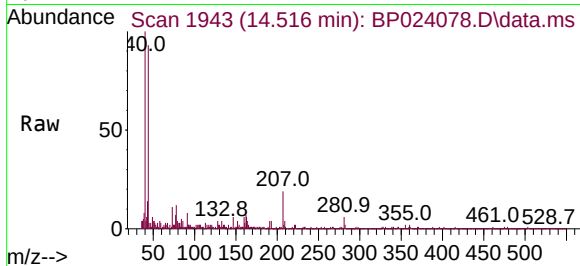




#54
2,4-Dinitrophenol
Concen: 7.782 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.018 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

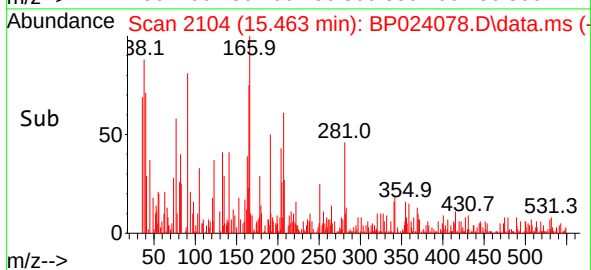
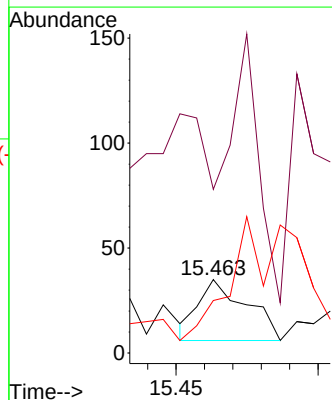
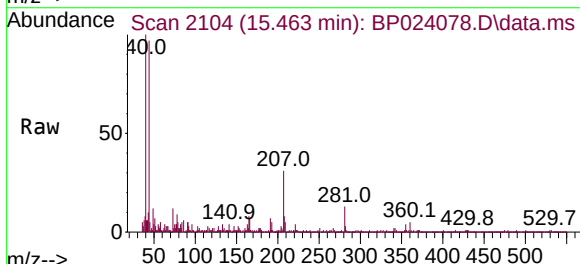
Instrument :
BNA_P
ClientSampleId :
PB166698BL

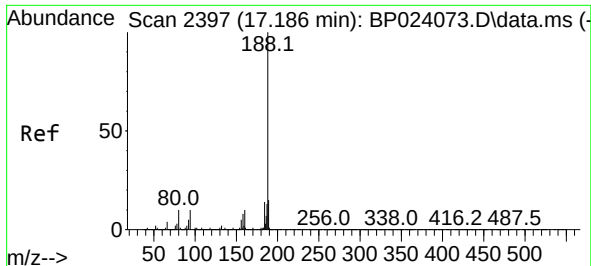
Tgt Ion	Ratio	Lower	Upper
184	100		
63	222.7	49.4	74.0#
154	227.3	49.2	73.8#



#62
4-Nitroaniline
Concen: 3.289 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	222.9	28.3	68.3#
108	71.4	54.0	94.0

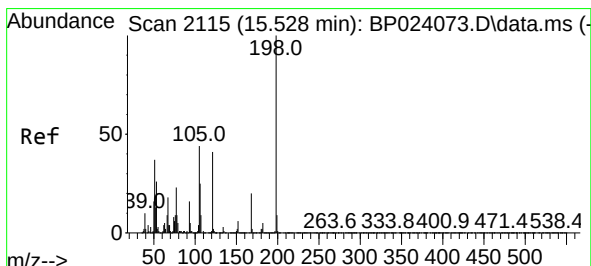
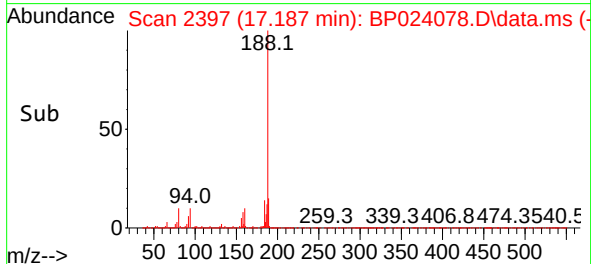
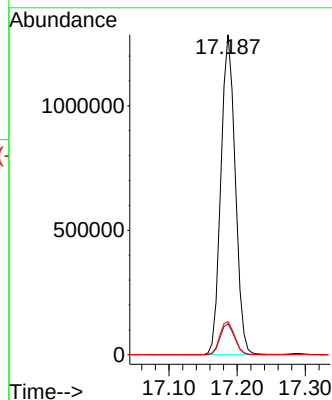
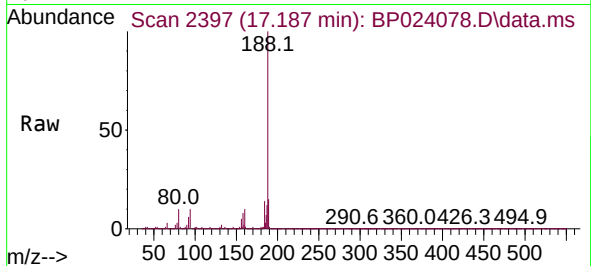




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

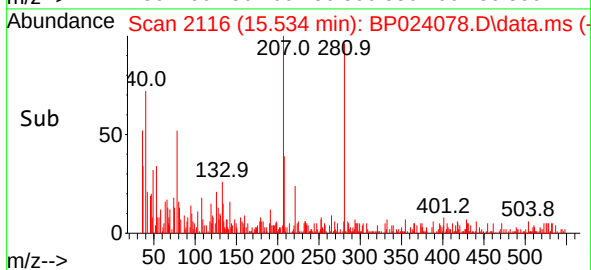
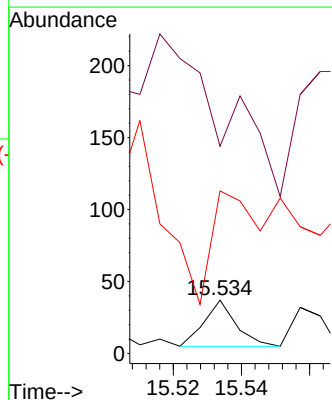
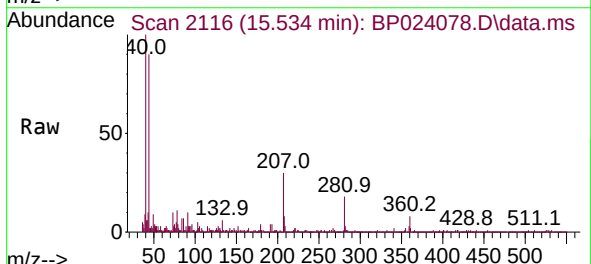
Instrument :
BNA_P
ClientSampleId :
PB166698BL

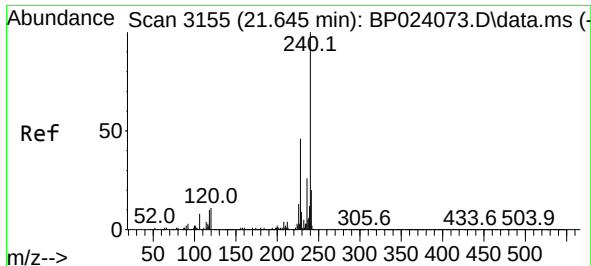
Tgt Ion:188 Resp: 1884903
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.3 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.010 ng
RT: 15.534 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
51 389.2 18.7 58.7#
105 305.4 24.7 64.7#

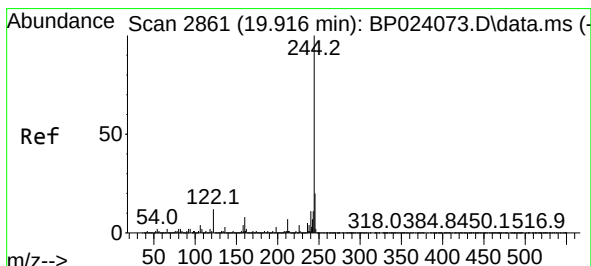
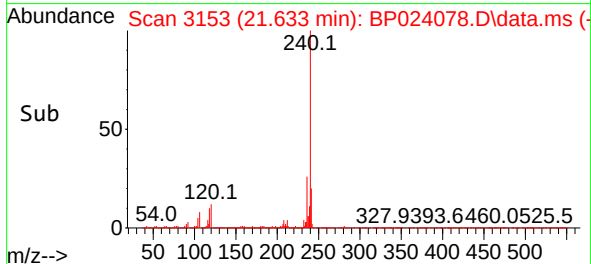
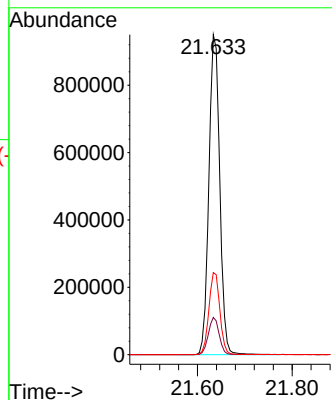
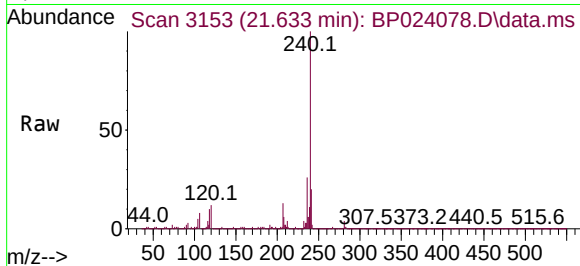




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

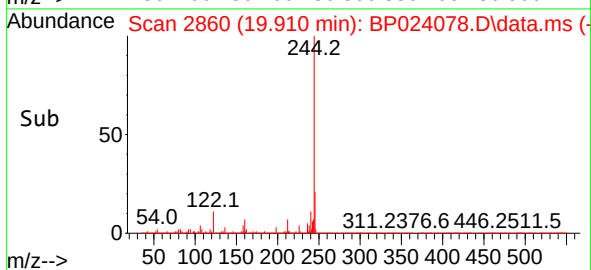
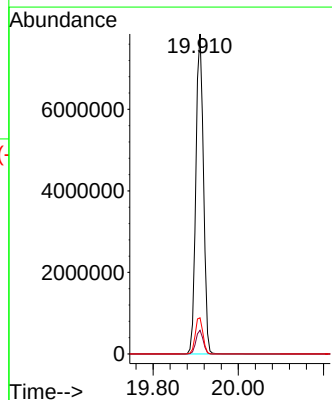
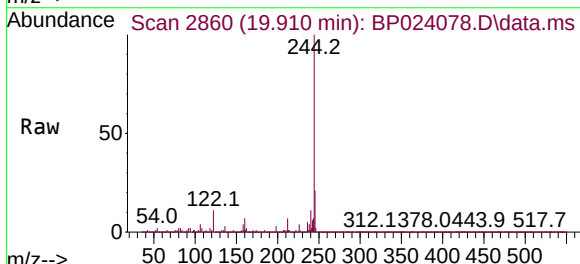
Instrument :
BNA_P
ClientSampleId :
PB166698BL

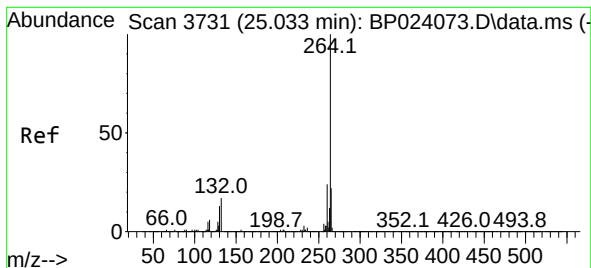
Tgt Ion:240 Resp: 1509617
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 126.973 ng
RT: 19.910 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BP024078.D
Acq: 17 Feb 2025 17:36

Tgt Ion:244 Resp: 9686972
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.3 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.016 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024078.D

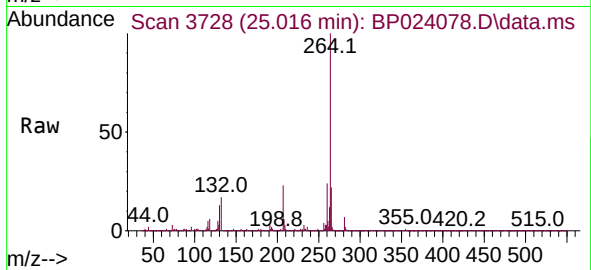
Acq: 17 Feb 2025 17:36

Instrument :

BNA_P

ClientSampleId :

PB166698BL



Tgt Ion:264 Resp: 1468519

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.0 17.8 26.8

