

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
 Data File : BP024102.D
 Acq On : 20 Feb 2025 10:22
 Operator : RC/JU
 Sample : PB166258BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166258BL

Quant Time: Feb 20 10:55:30 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)

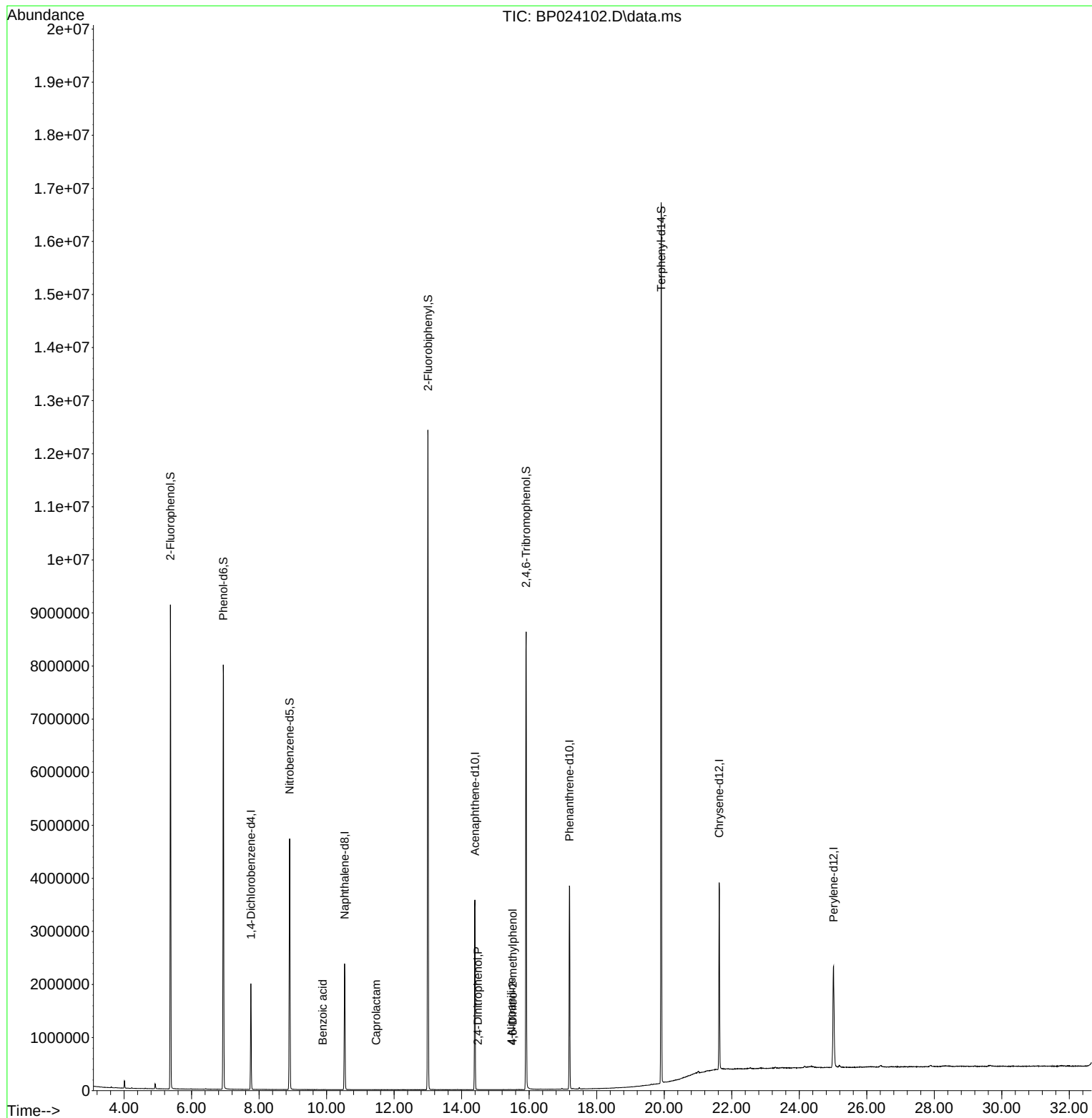
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	513202	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	2012909	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	1230552	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	2265146	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1857431	20.000	ng	-0.02
86) Perylene-d12	25.015	264	1779345	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3966964	120.613	ng	0.00
7) Phenol-d6	6.940	99	4920628	116.403	ng	0.00
23) Nitrobenzene-d5	8.904	82	2876031	79.711	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1742878	115.630	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	6765918	76.866	ng	0.00
79) Terphenyl-d14	19.916	244	8972925	95.590	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.887	122	24	7.489	ng	# 1
35) Caprolactam	11.469	113	25	5.576	ng	# 1
54) 2,4-Dinitrophenol	14.487	184	22	7.781	ng	# 1
62) 4-Nitroaniline	15.475	138	42	3.289	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.516	198	22	6.010	ng	# 1

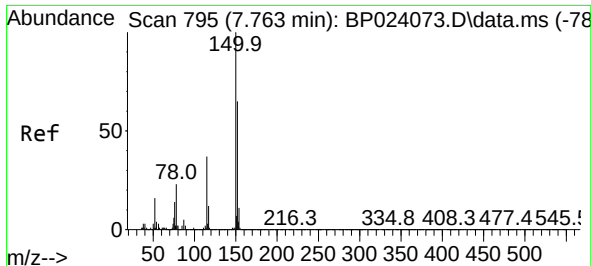
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
Data File : BP024102.D
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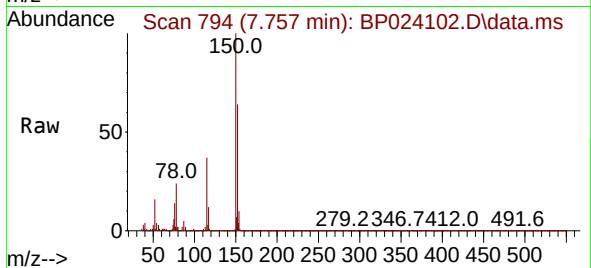
Quant Time: Feb 20 10:55:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
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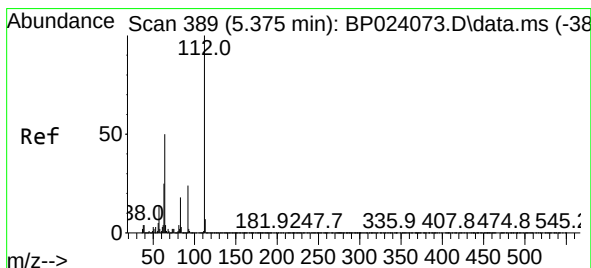
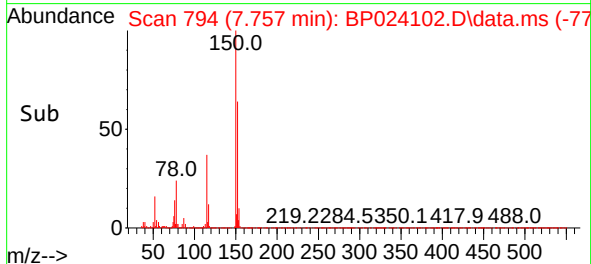
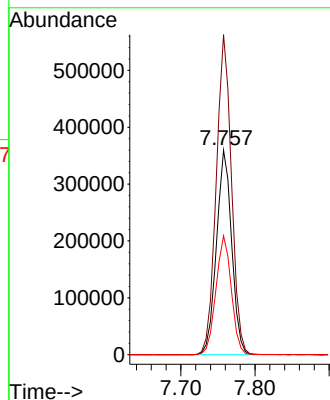


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Instrument :
BNA_P
ClientSampleId :
PB166258BL

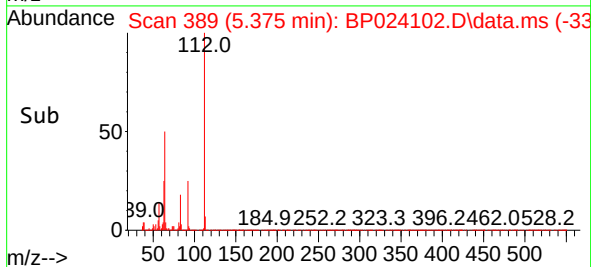
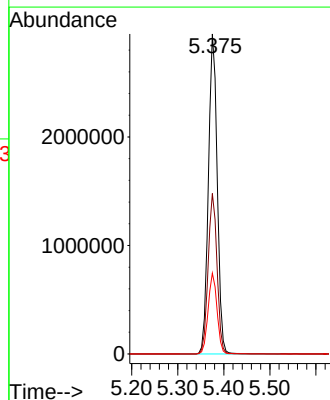
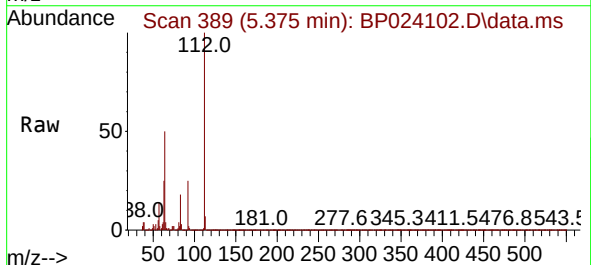


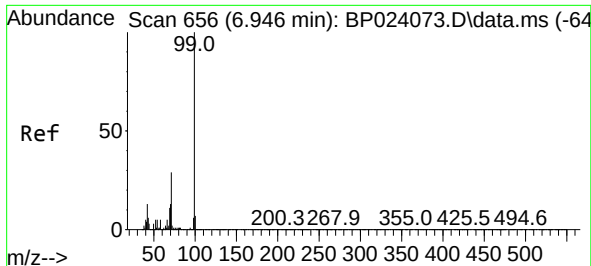
Tgt Ion:152 Resp: 513202
Ion Ratio Lower Upper
152 100
150 156.4 122.4 183.6
115 58.1 45.0 67.6



#5
2-Fluorophenol
Concen: 120.613 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Tgt Ion:112 Resp: 3966964
Ion Ratio Lower Upper
112 100
64 50.2 39.6 59.4
63 25.3 20.3 30.5



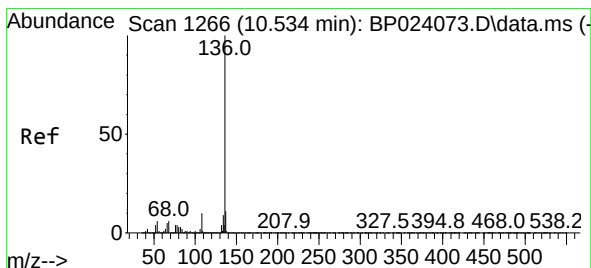
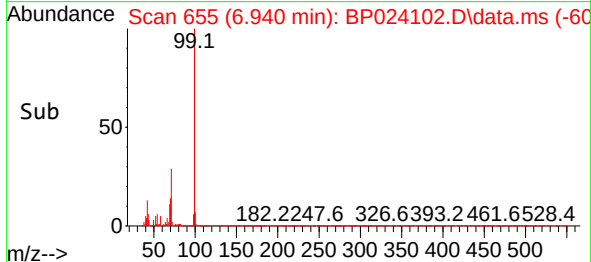
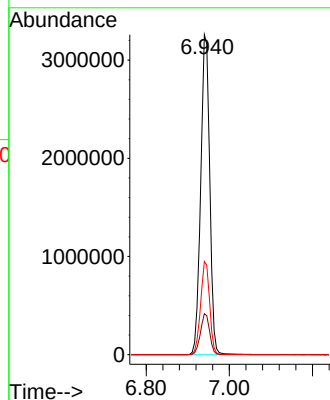
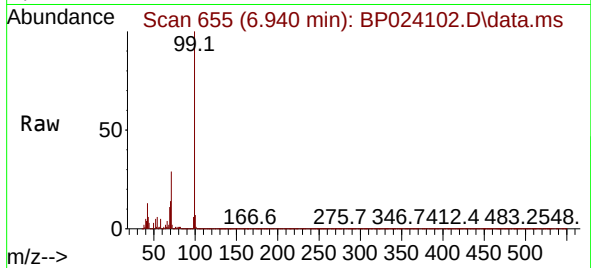


#7
Phenol-d6
Concen: 116.403 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Instrument :
BNA_P
ClientSampleId :
PB166258BL

Tgt Ion: 99 Resp: 4920628

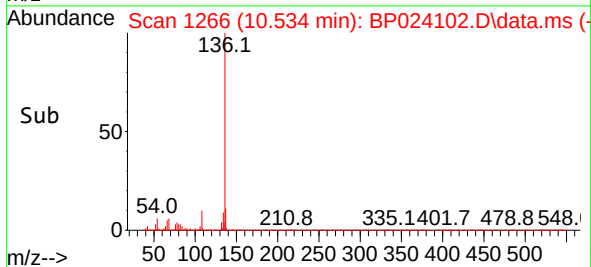
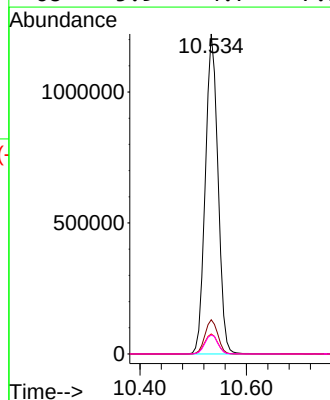
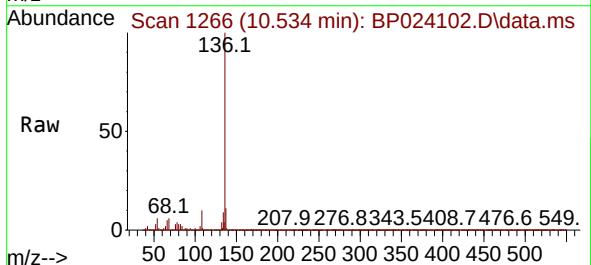
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.3	15.5
71	29.1	22.9	34.3

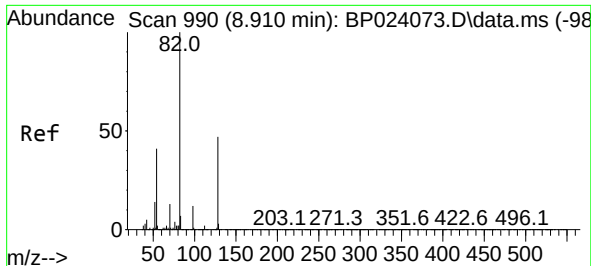


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Tgt Ion:136 Resp: 2012909

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.3	4.9	7.3
68	5.9	4.7	7.1

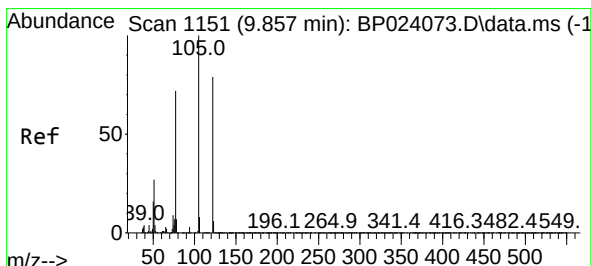
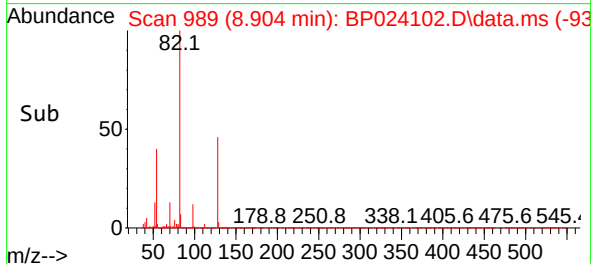
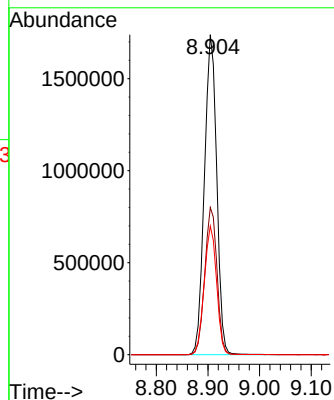
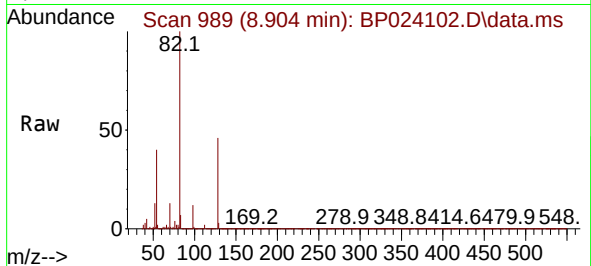




#23
Nitrobenzene-d5
Concen: 79.711 ng
RT: 8.904 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

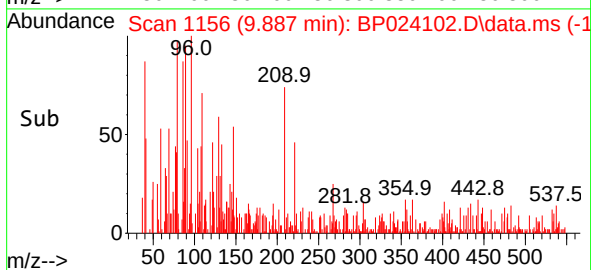
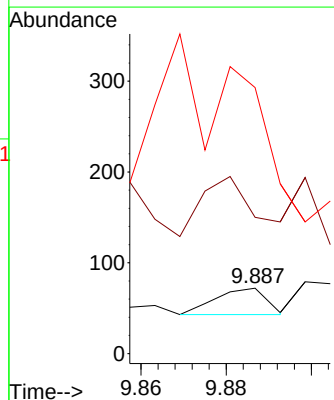
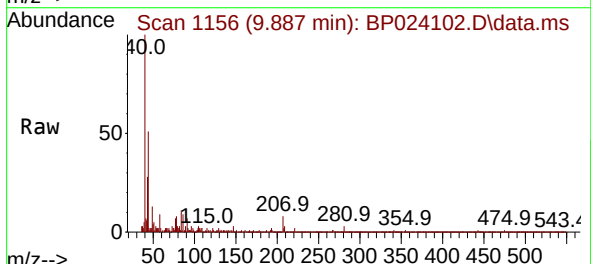
Instrument :
BNA_P
ClientSampleId :
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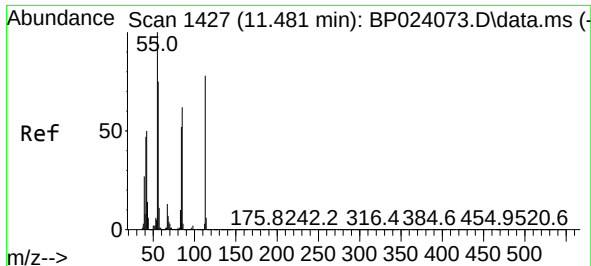
Tgt Ion: 82 Resp: 2876031
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.2
54 40.2 32.4 48.6



#32
Benzoic acid
Concen: 7.489 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.030 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Tgt Ion:122 Resp: 24
Ion Ratio Lower Upper
122 100
105 208.3 103.7 143.7#
77 406.9 69.9 109.9#

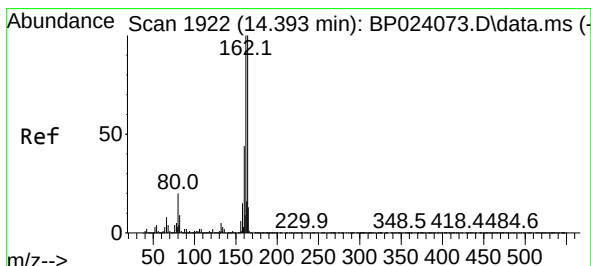
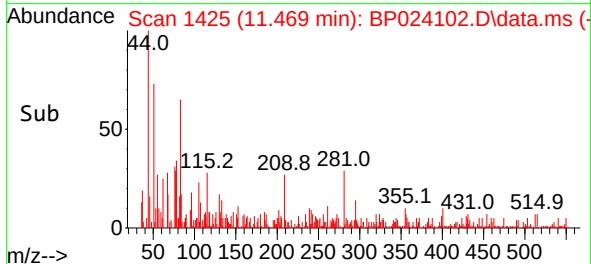
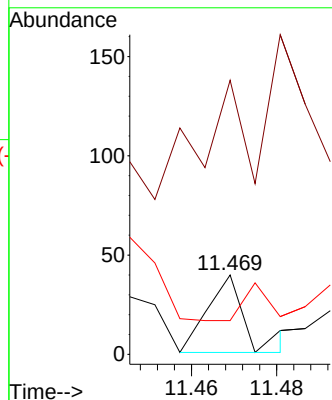
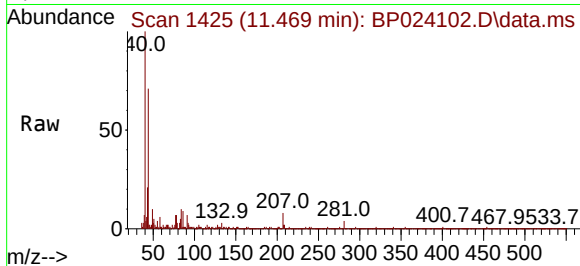




#35
Caprolactam
Concen: 5.576 ng
RT: 11.469 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

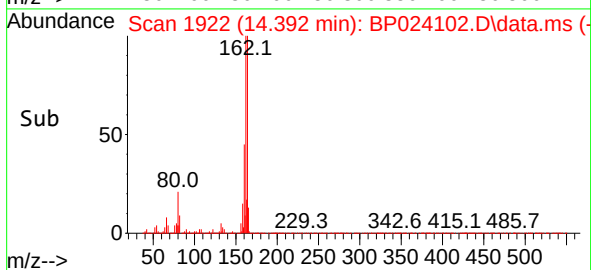
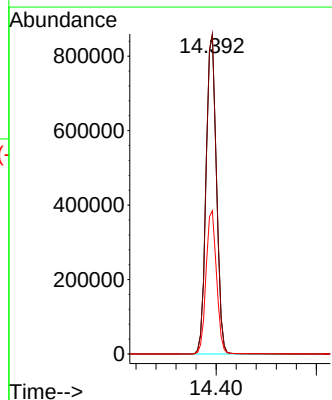
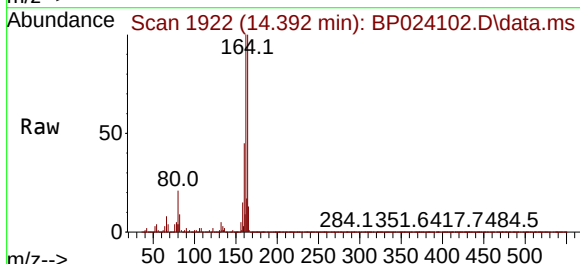
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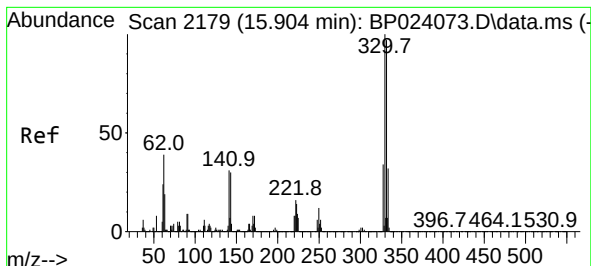
Tgt Ion:113 Resp: 25
Ion Ratio Lower Upper
113 100
55 345.0 108.8 148.8#
56 42.5 76.5 116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Tgt Ion:164 Resp: 1230552
Ion Ratio Lower Upper
164 100
162 100.5 80.1 120.1
160 45.0 35.6 53.4

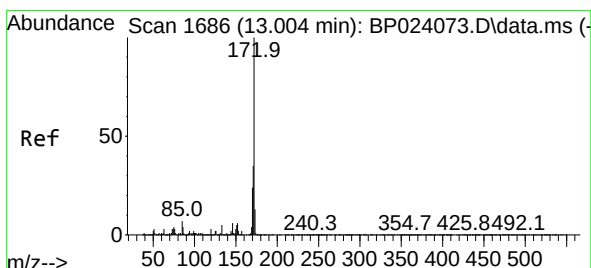
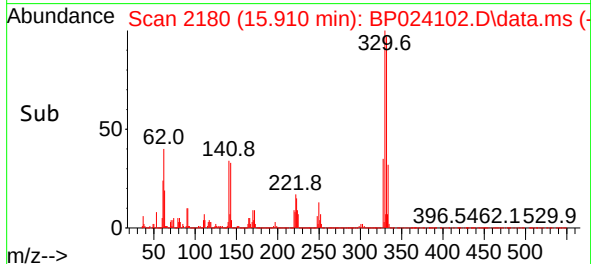
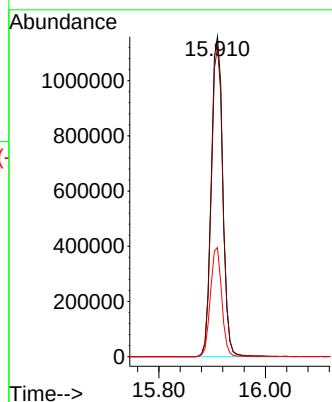
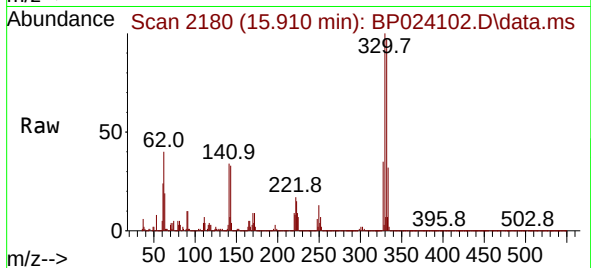




#42
2,4,6-Tribromophenol
Concen: 115.630 ng
RT: 15.910 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

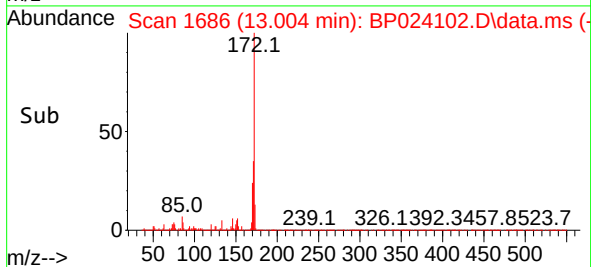
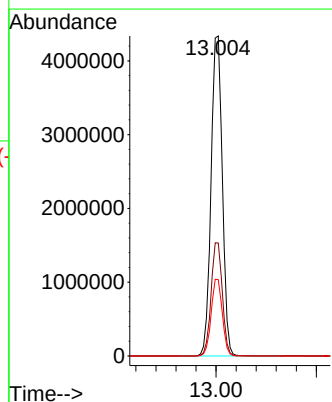
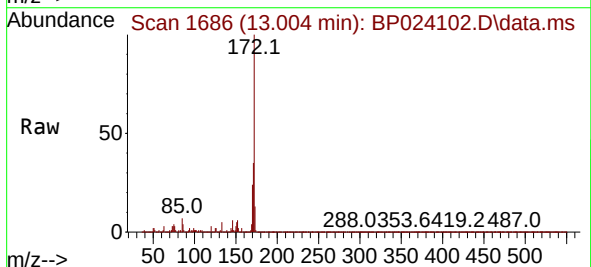
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BNA_P
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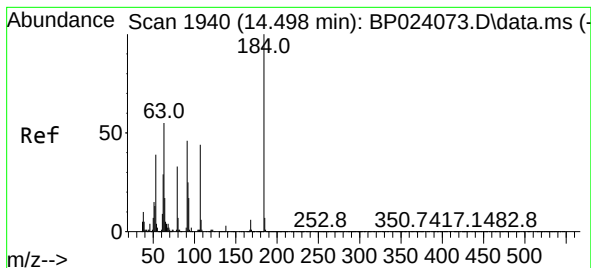
Tgt Ion:330 Resp: 1742878
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 33.7 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 76.866 ng
RT: 13.004 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Tgt Ion:172 Resp: 6765918
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.9 19.0 28.6

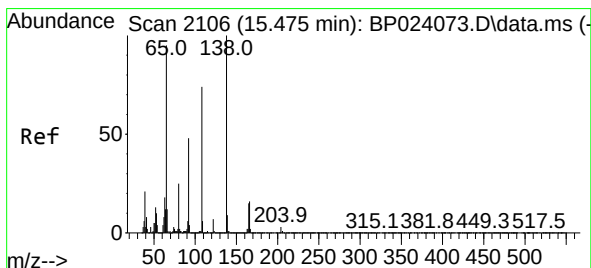
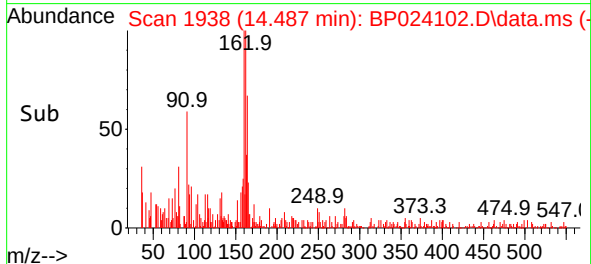
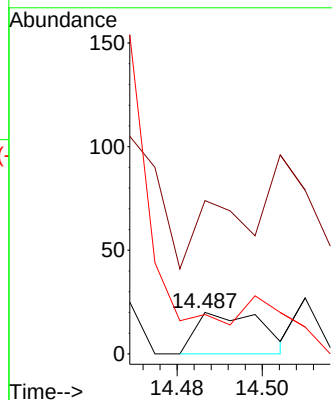
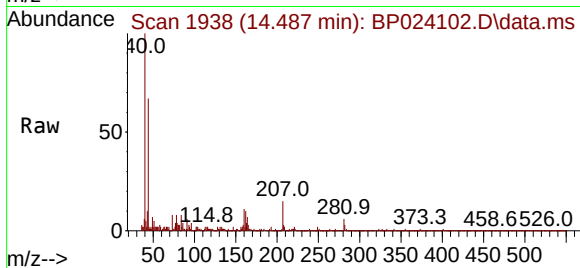




#54
2,4-Dinitrophenol
Concen: 7.781 ng
RT: 14.487 min Scan# 1940
Delta R.T. -0.011 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

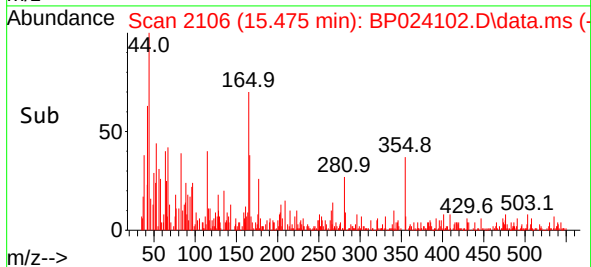
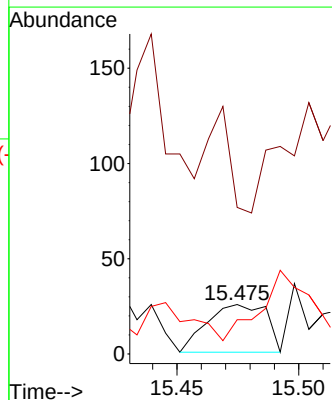
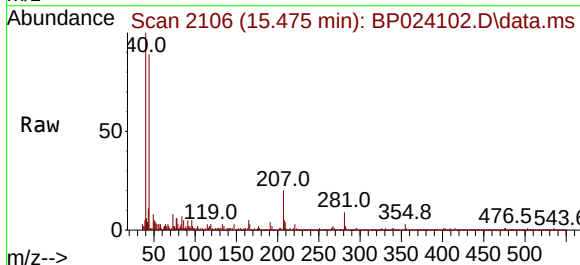
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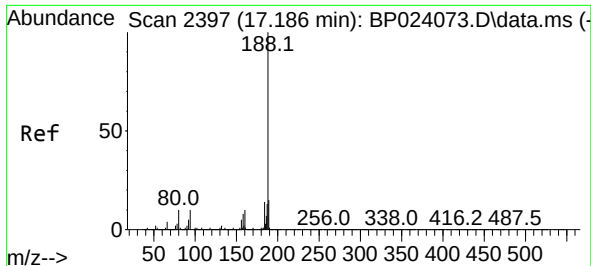
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 370.0 49.4 74.0#
154 95.0 49.2 73.8#



#62
4-Nitroaniline
Concen: 3.289 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Tgt Ion:138 Resp: 42
Ion Ratio Lower Upper
138 100
92 296.2 28.3 68.3#
108 157.7 54.0 94.0#

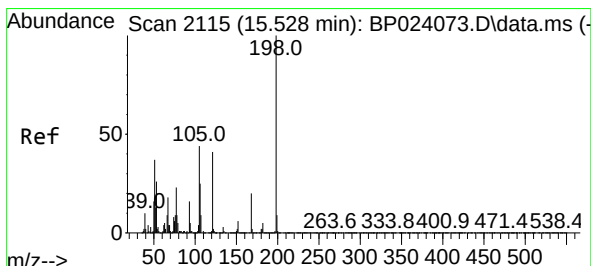
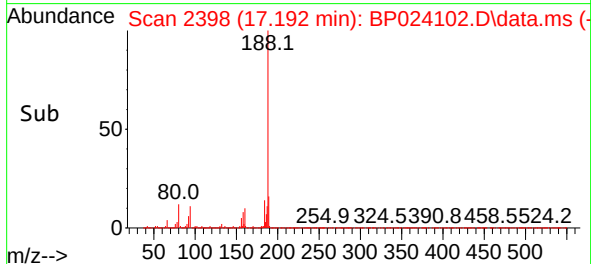
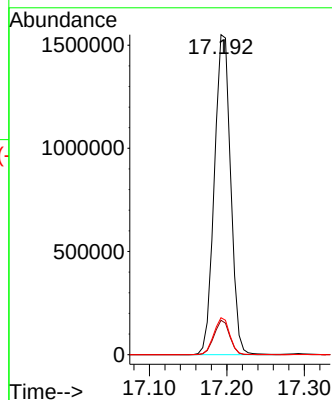
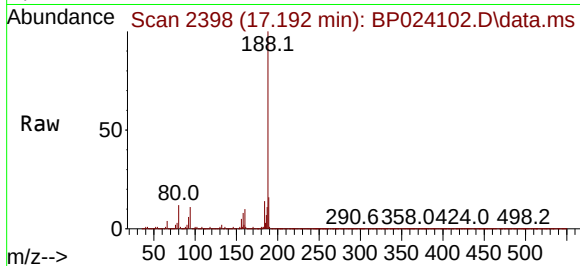




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

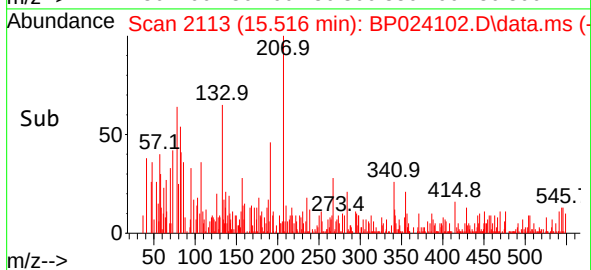
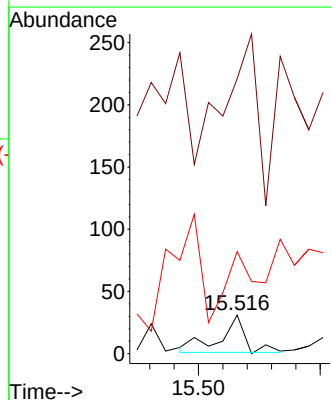
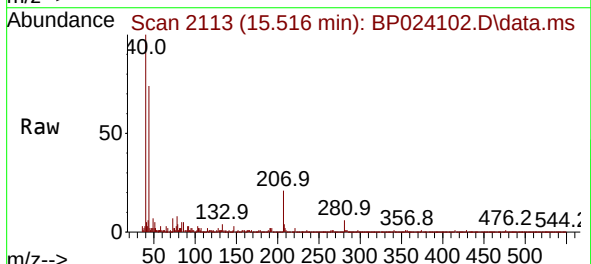
Instrument :
BNA_P
ClientSampleId :
PB166258BL

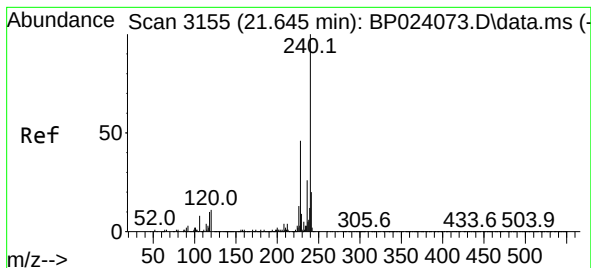
Tgt Ion:188 Resp: 2265146
Ion Ratio Lower Upper
188 100
94 10.7 7.6 11.4
80 11.6 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.010 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BP024102.D
Acq: 20 Feb 2025 10:22

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 712.9 18.7 58.7#
105 264.5 24.7 64.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3152

Delta R.T. -0.018 min

Lab File: BP024102.D

Acq: 20 Feb 2025 10:22

Instrument :

BNA_P

ClientSampleId :

PB166258BL

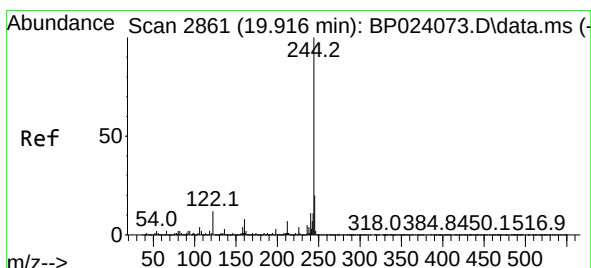
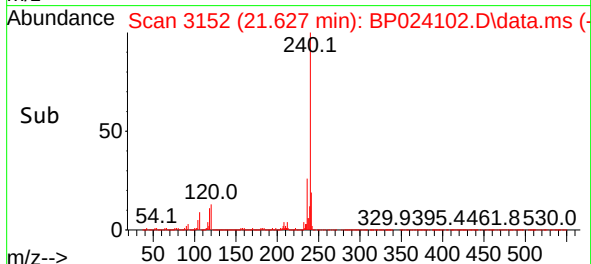
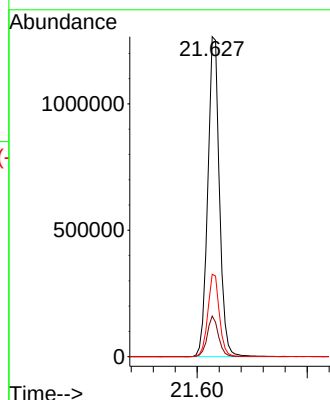
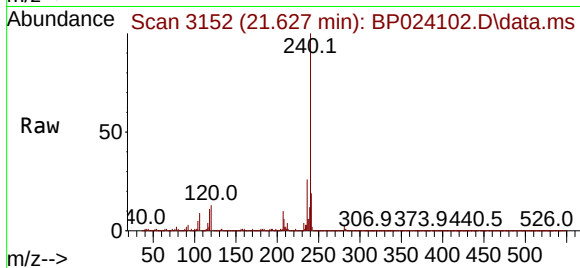
Tgt Ion:240 Resp: 1857431

Ion Ratio Lower Upper

240 100

120 12.7 8.9 13.3

236 25.7 20.7 31.1



#79

Terphenyl-d14

Concen: 95.590 ng

RT: 19.916 min Scan# 2861

Delta R.T. -0.000 min

Lab File: BP024102.D

Acq: 20 Feb 2025 10:22

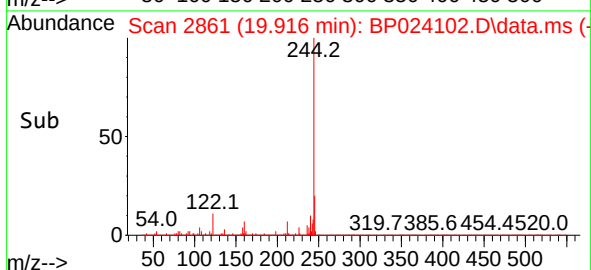
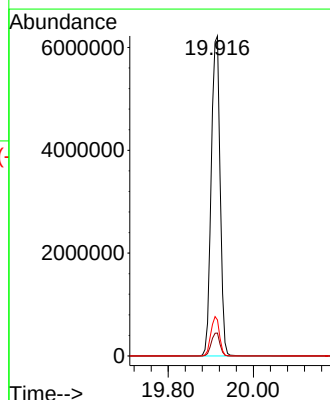
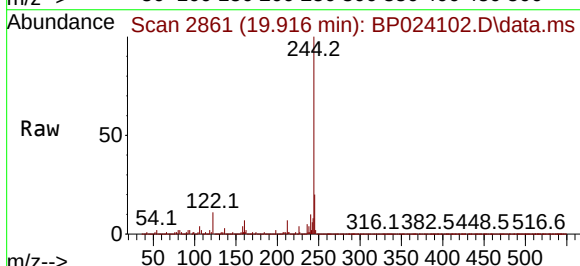
Tgt Ion:244 Resp: 8972925

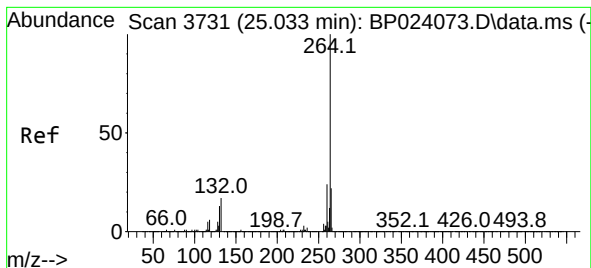
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.2 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.015 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024102.D

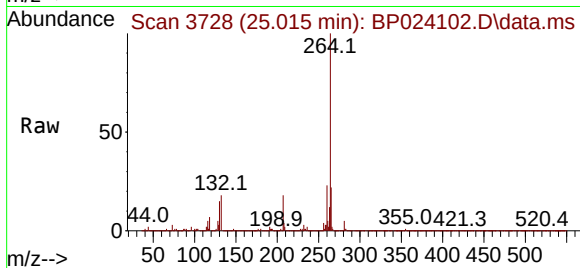
Acq: 20 Feb 2025 10:22

Instrument :

BNA_P

ClientSampleId :

PB166258BL



Tgt Ion:264 Resp: 1779345

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	22.0	17.8	26.8

264 100

260 23.2 19.0 28.6

265 22.0 17.8 26.8

