

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025023.D
 Acq On : 20 Jun 2025 18:25
 Operator : RC/JU
 Sample : Q2354-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3321

Quant Time: Jun 20 18:46:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

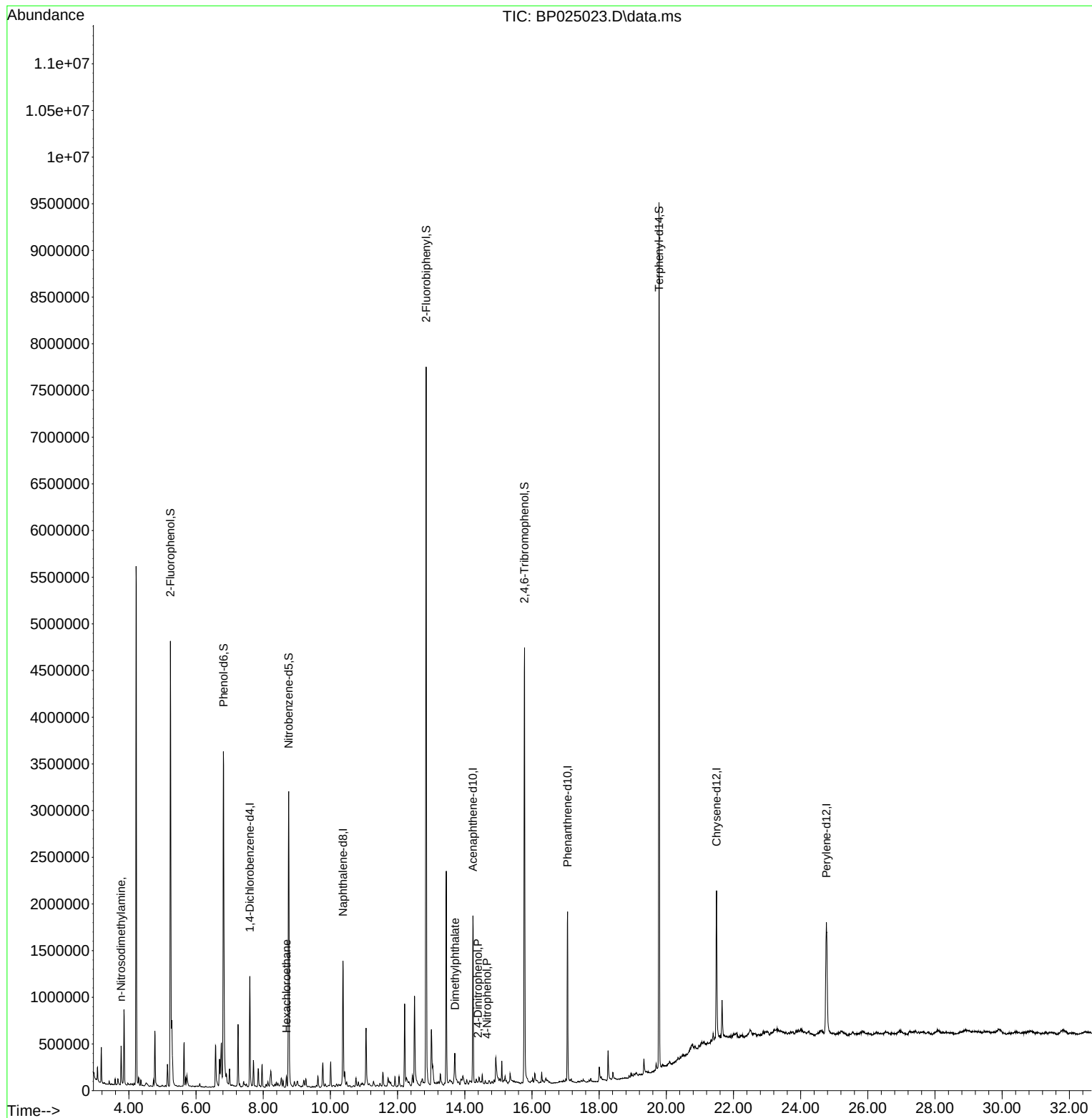
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	325716	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1154700	20.000	ng	0.00
39) Acenaphthene-d10	14.243	164	625105	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1028389	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1106104	20.000	ng	0.01
86) Perylene-d12	24.766	264	1471076	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2327158	119.260	ng	0.00
7) Phenol-d6	6.814	99	2502928	96.945	ng	0.00
23) Nitrobenzene-d5	8.755	82	1883598	79.267	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1097437	126.983	ng	0.00
45) 2-Fluorobiphenyl	12.849	172	3932954	84.756	ng	-0.01
79) Terphenyl-d14	19.783	244	4774505	77.362	ng	-0.01
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.767	42	130696	15.482	ng	# 1
18) Hexachloroethane	8.696	117	19693	2.101	ng	# 1
50) Dimethylphthalate	13.707	163	142184	3.083	ng	99
54) 2,4-Dinitrophenol	14.390	184	24	5.567	ng	# 1
56) 4-Nitrophenol	14.660	139	978	5.514	ng	94

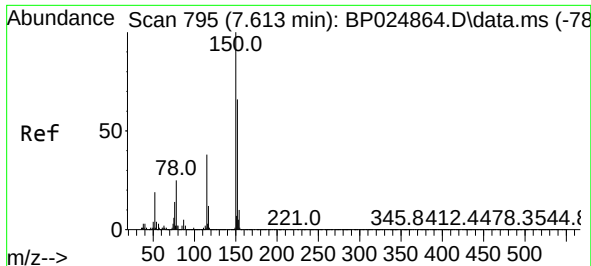
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
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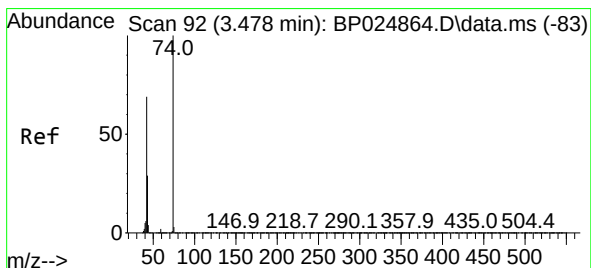
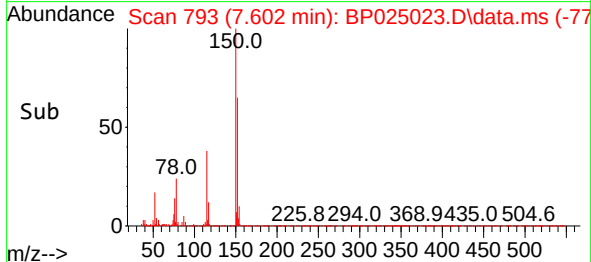
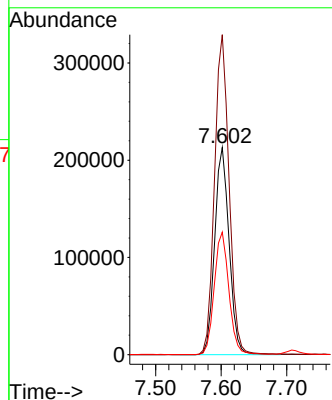
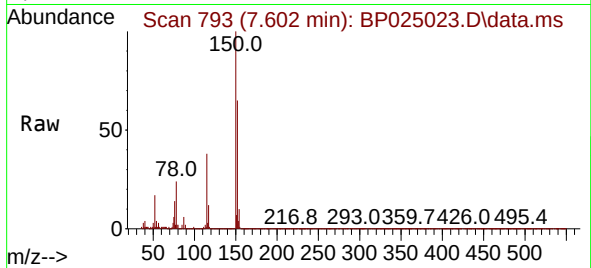




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

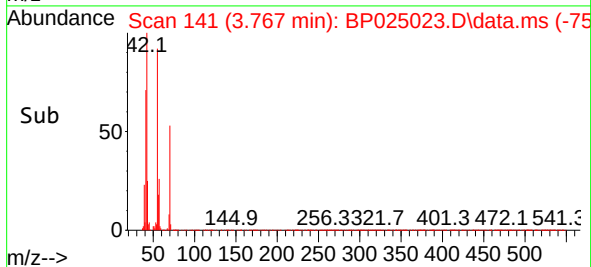
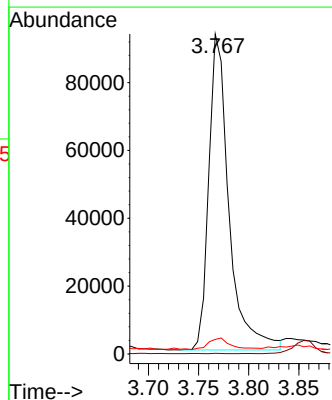
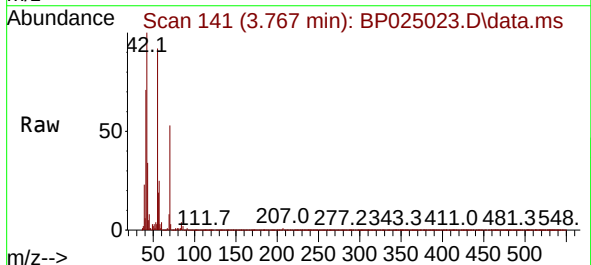
Instrument :
BNA_P
ClientSampleId :
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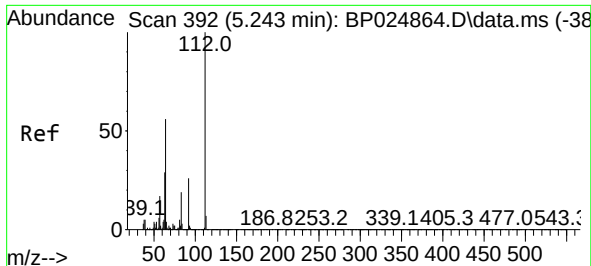
Tgt Ion:152 Resp: 325716
Ion Ratio Lower Upper
152 100
150 154.4 122.1 183.1
115 59.2 46.4 69.6



#4
n-Nitrosodimethylamine
Concen: 15.482 ng
RT: 3.767 min Scan# 141
Delta R.T. 0.288 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion: 42 Resp: 130696
Ion Ratio Lower Upper
42 100
74 0.2 116.6 174.8#
44 4.5 5.4 8.0#

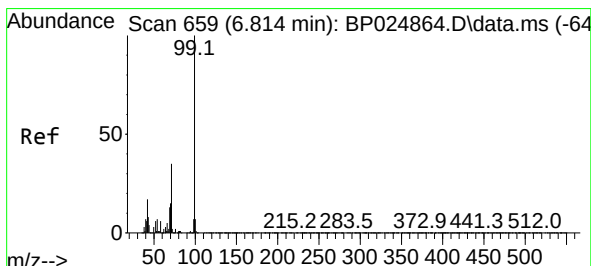
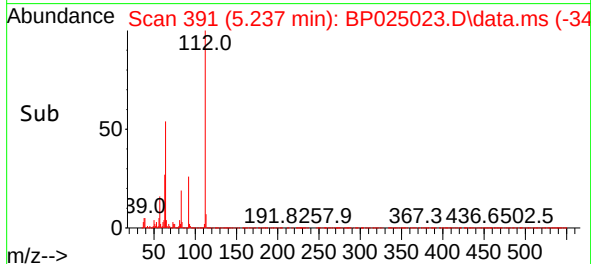
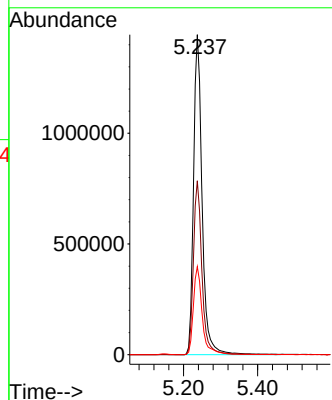
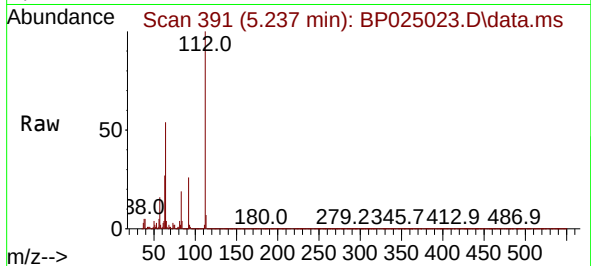




#5
2-Fluorophenol
Concen: 119.260 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

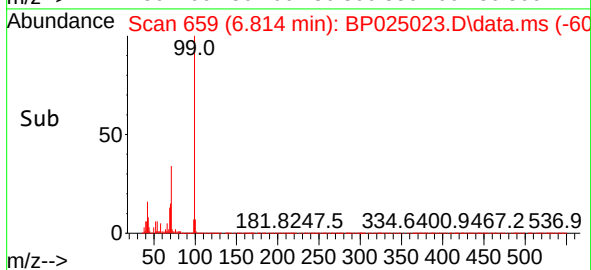
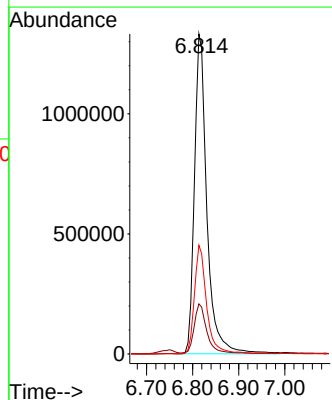
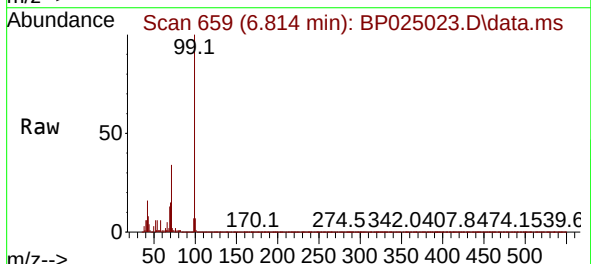
Instrument :
BNA_P
ClientSampleId :
3321

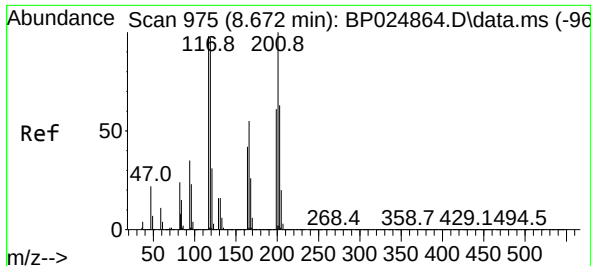
Tgt Ion:112 Resp: 2327158
Ion Ratio Lower Upper
112 100
64 54.3 44.7 67.1
63 27.5 23.5 35.3



#7
Phenol-d6
Concen: 96.945 ng
RT: 6.814 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion: 99 Resp: 2502928
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.2
71 33.9 27.6 41.4

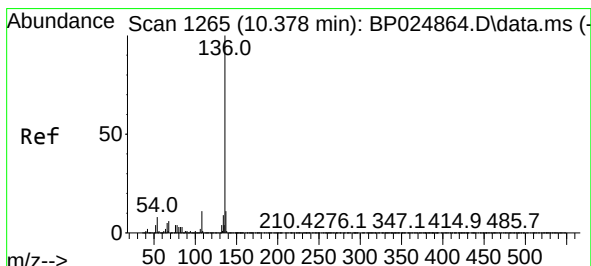
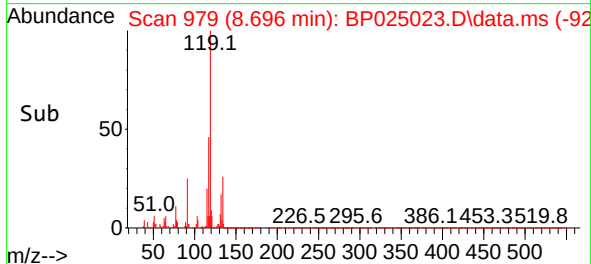
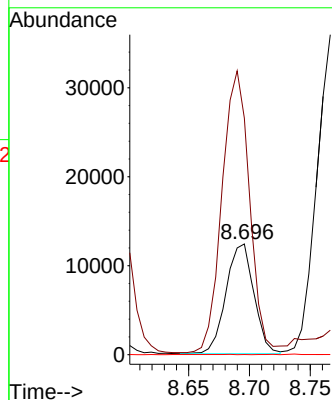
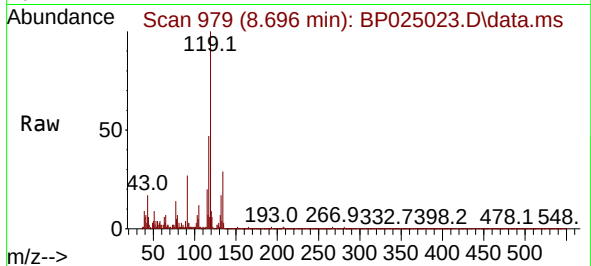




#18
Hexachloroethane
Concen: 2.101 ng
RT: 8.696 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

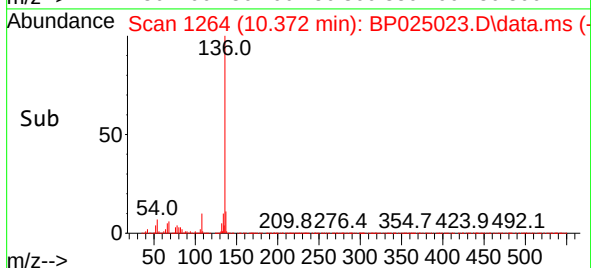
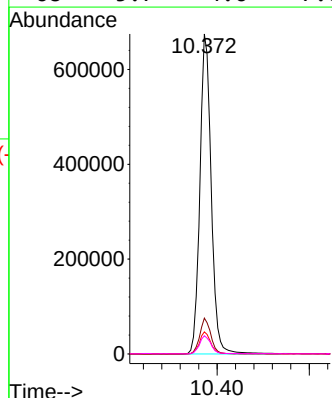
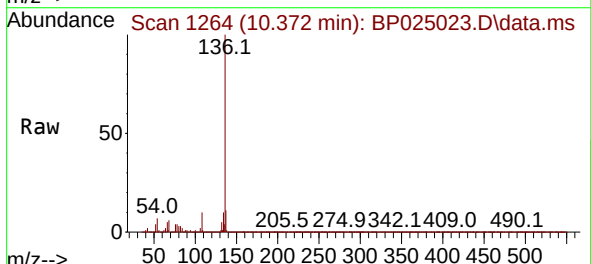
Instrument :
BNA_P
ClientSampleId :
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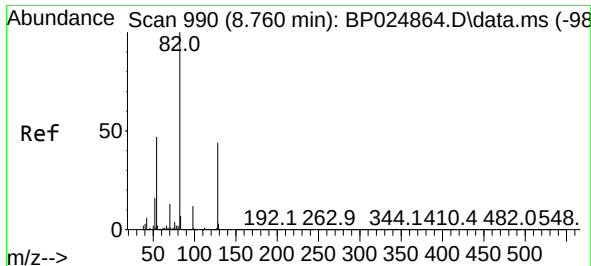
Tgt Ion:117 Resp: 19693
Ion Ratio Lower Upper
117 100
119 213.5 79.4 119.2#
201 0.1 81.4 122.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion:136 Resp: 1154700
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.9 6.1 9.1
68 5.7 4.6 7.0

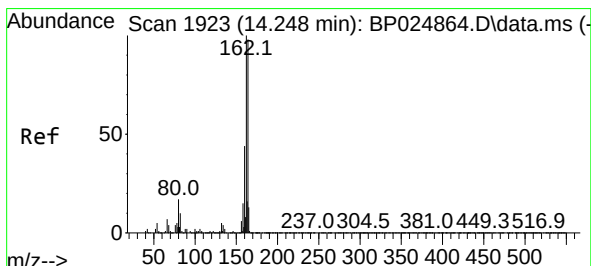
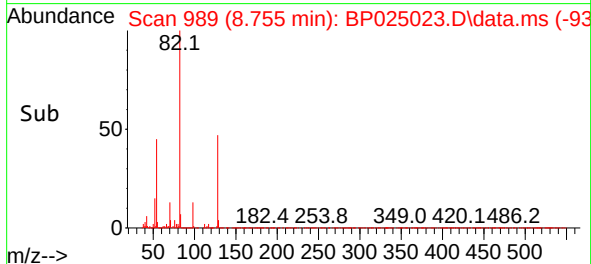
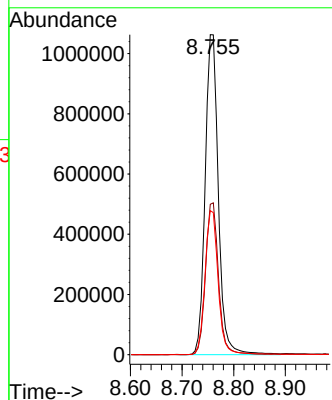
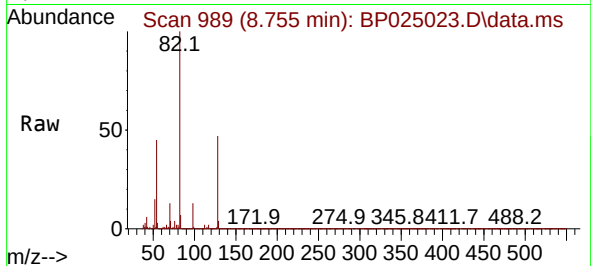




#23
Nitrobenzene-d5
Concen: 79.267 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

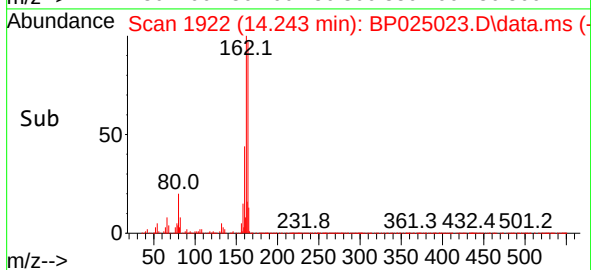
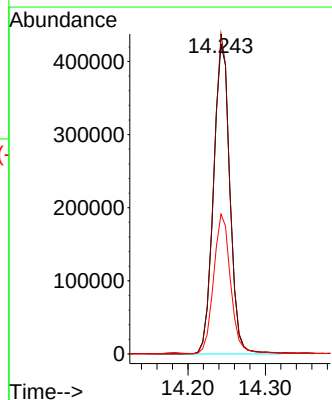
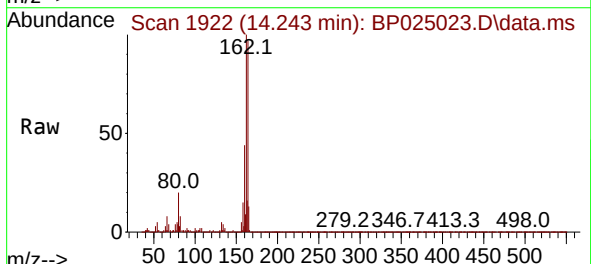
Instrument :
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ClientSampleId :
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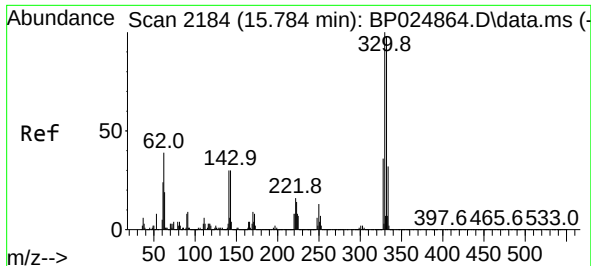
Tgt Ion: 82 Resp: 1883598
Ion Ratio Lower Upper
82 100
128 47.0 35.3 52.9
54 45.0 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.243 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion: 164 Resp: 625105
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 45.1 36.2 54.2

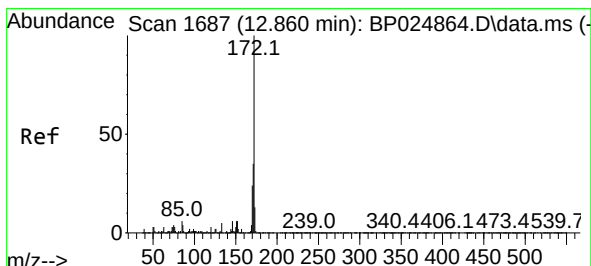
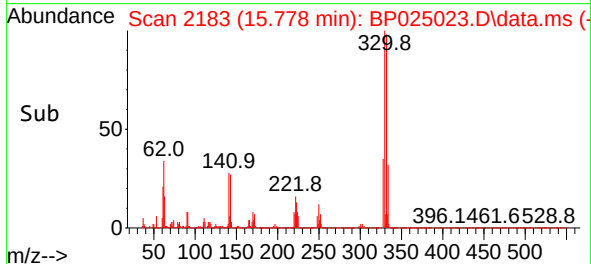
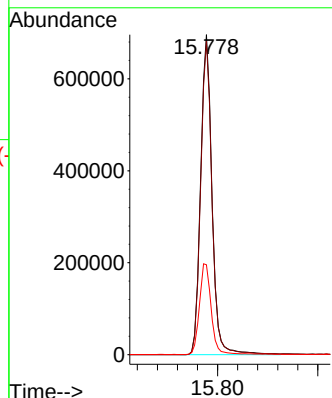
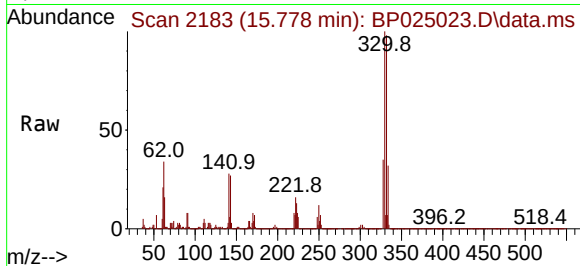




#42
2,4,6-Tribromophenol
Concen: 126.983 ng
RT: 15.778 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

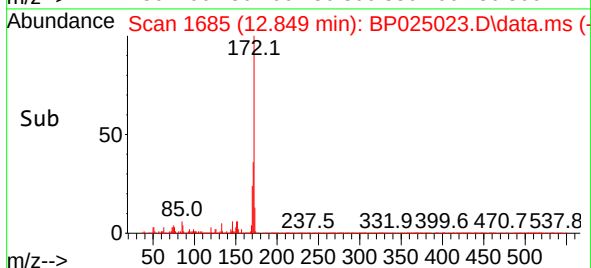
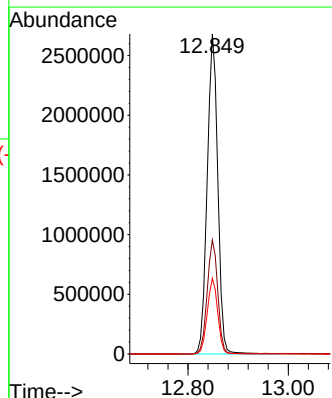
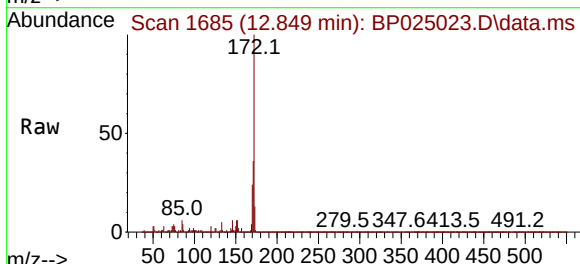
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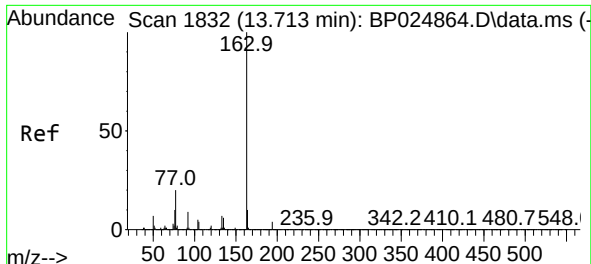
Tgt Ion:330 Resp: 1097437
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 29.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 84.756 ng
RT: 12.849 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion:172 Resp: 3932954
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.0 28.4

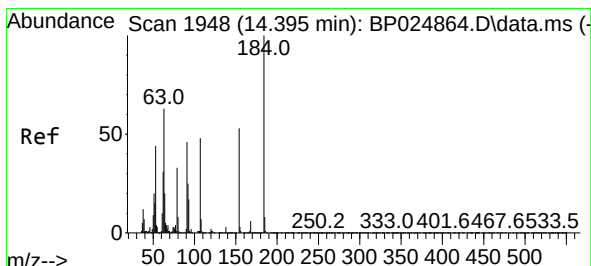
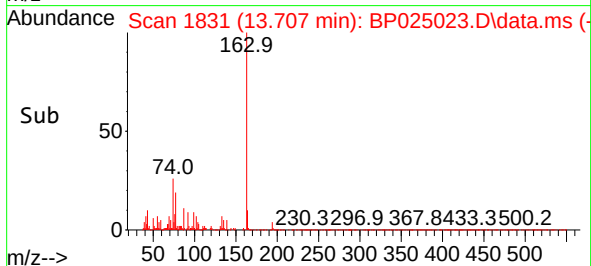
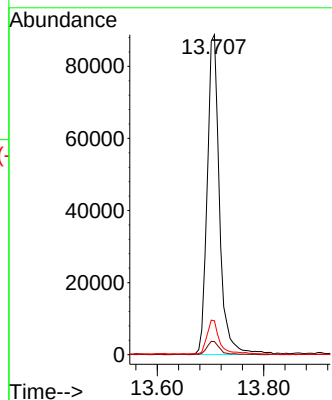
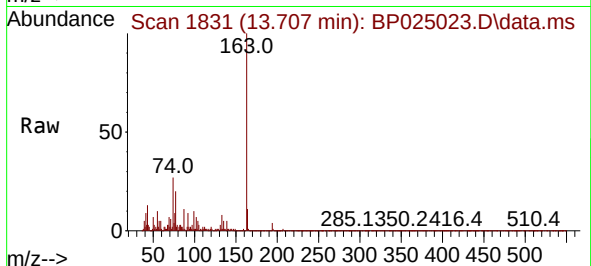




#50
Dimethylphthalate
Concen: 3.083 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

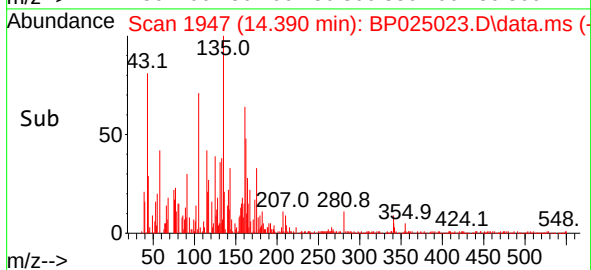
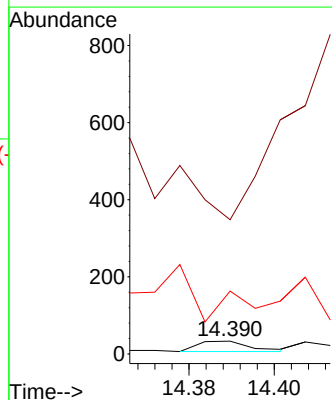
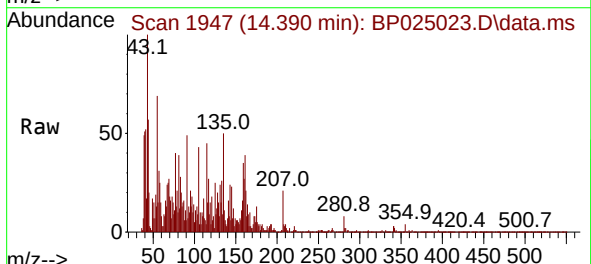
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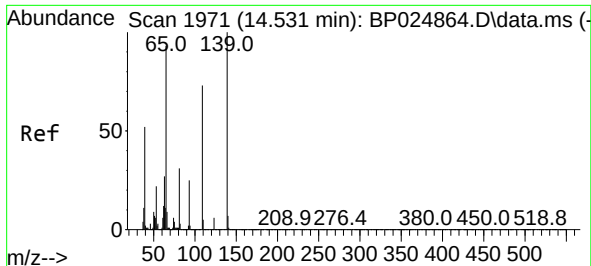
Tgt Ion:163 Resp: 142184
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.6 8.0 12.0



#54
2,4-Dinitrophenol
Concen: 5.567 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 1054.5 51.0 76.4#
154 493.9 51.7 77.5#

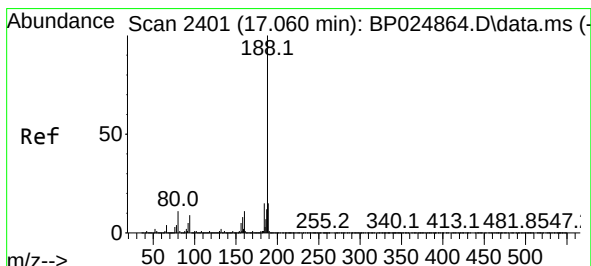
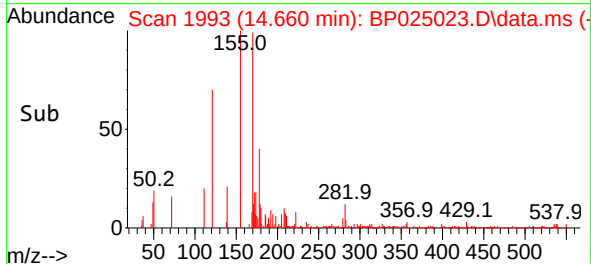
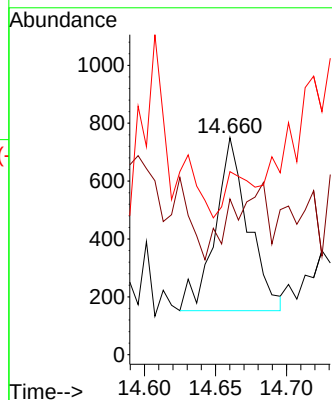
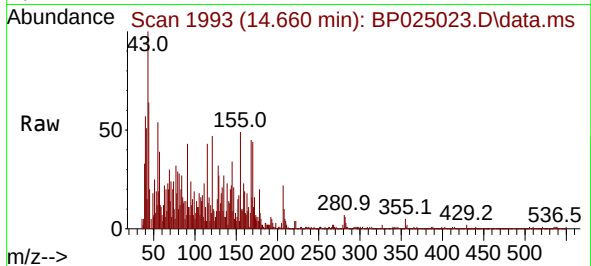




#56
4-Nitrophenol
Concen: 5.514 ng
RT: 14.660 min Scan# 1971
Delta R.T. 0.129 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

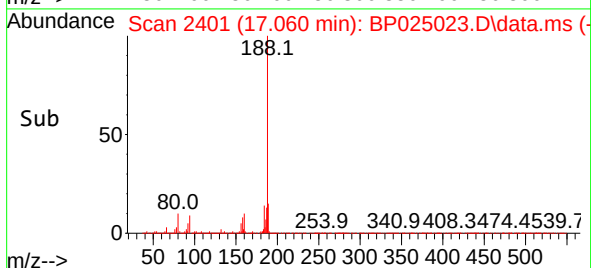
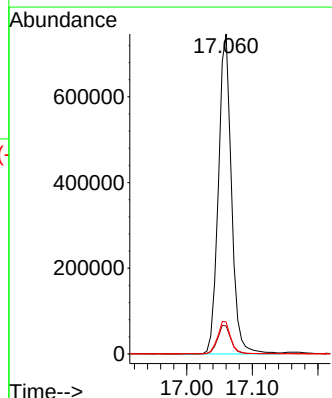
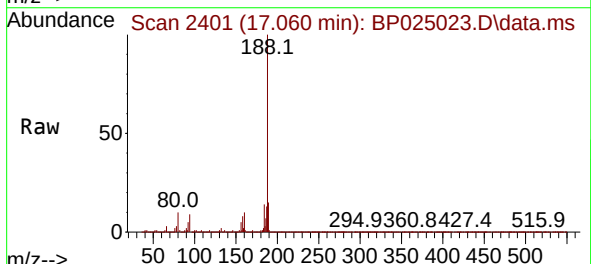
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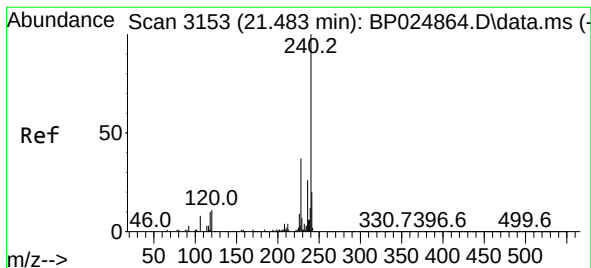
Tgt Ion:139 Resp: 978
Ion Ratio Lower Upper
139 100
109 71.7 53.1 93.1
65 84.4 73.0 113.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion:188 Resp: 1028389
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 10.0 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP025023.D

Acq: 20 Jun 2025 18:25

Instrument :

BNA_P

ClientSampleId :

3321

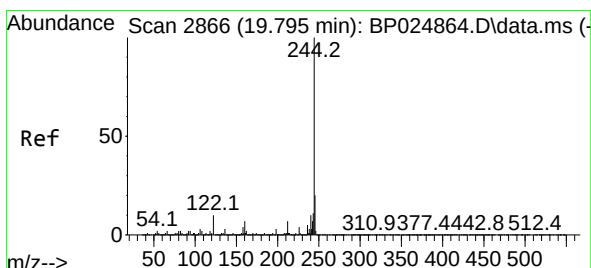
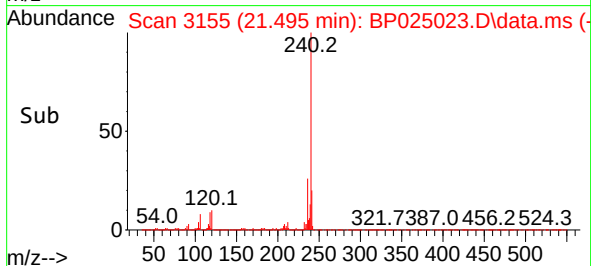
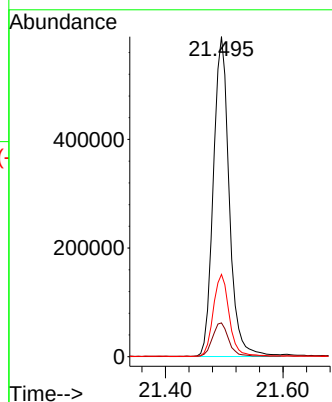
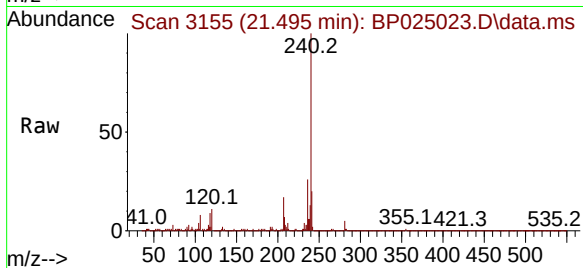
Tgt Ion:240 Resp: 1106104

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 77.362 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP025023.D

Acq: 20 Jun 2025 18:25

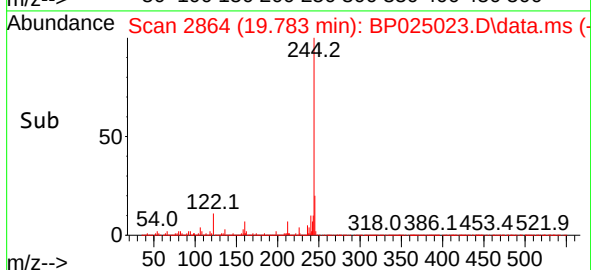
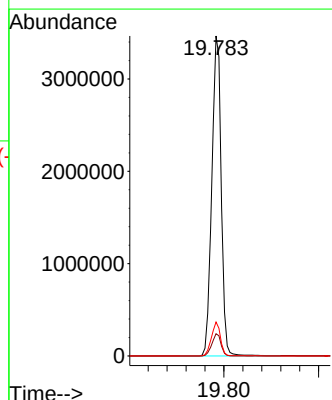
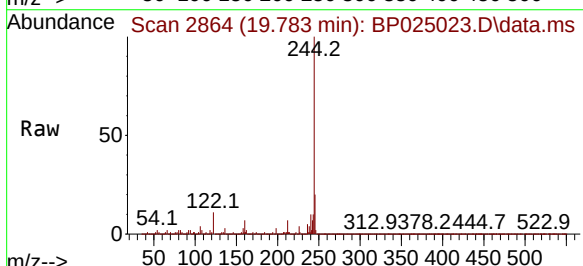
Tgt Ion:244 Resp: 4774505

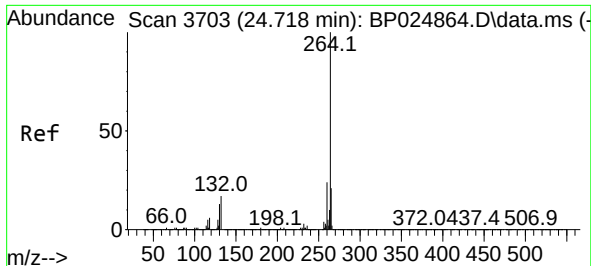
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

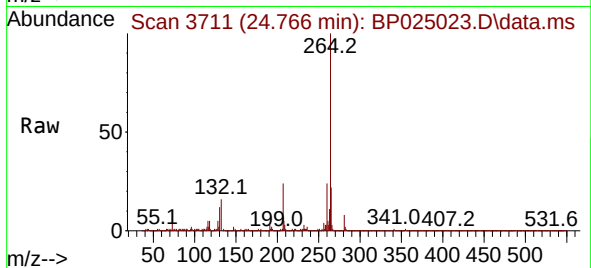
122 10.6 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.766 min Scan# 31
Delta R.T. 0.047 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
3321



Tgt Ion:264 Resp: 1471076
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.2 17.4 26.0

