

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024713.D
 Acq On : 20 May 2025 18:40
 Operator : RC/JU
 Sample : Q2064-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RW8-SP303-70-20250514

Quant Time: May 21 01:25:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

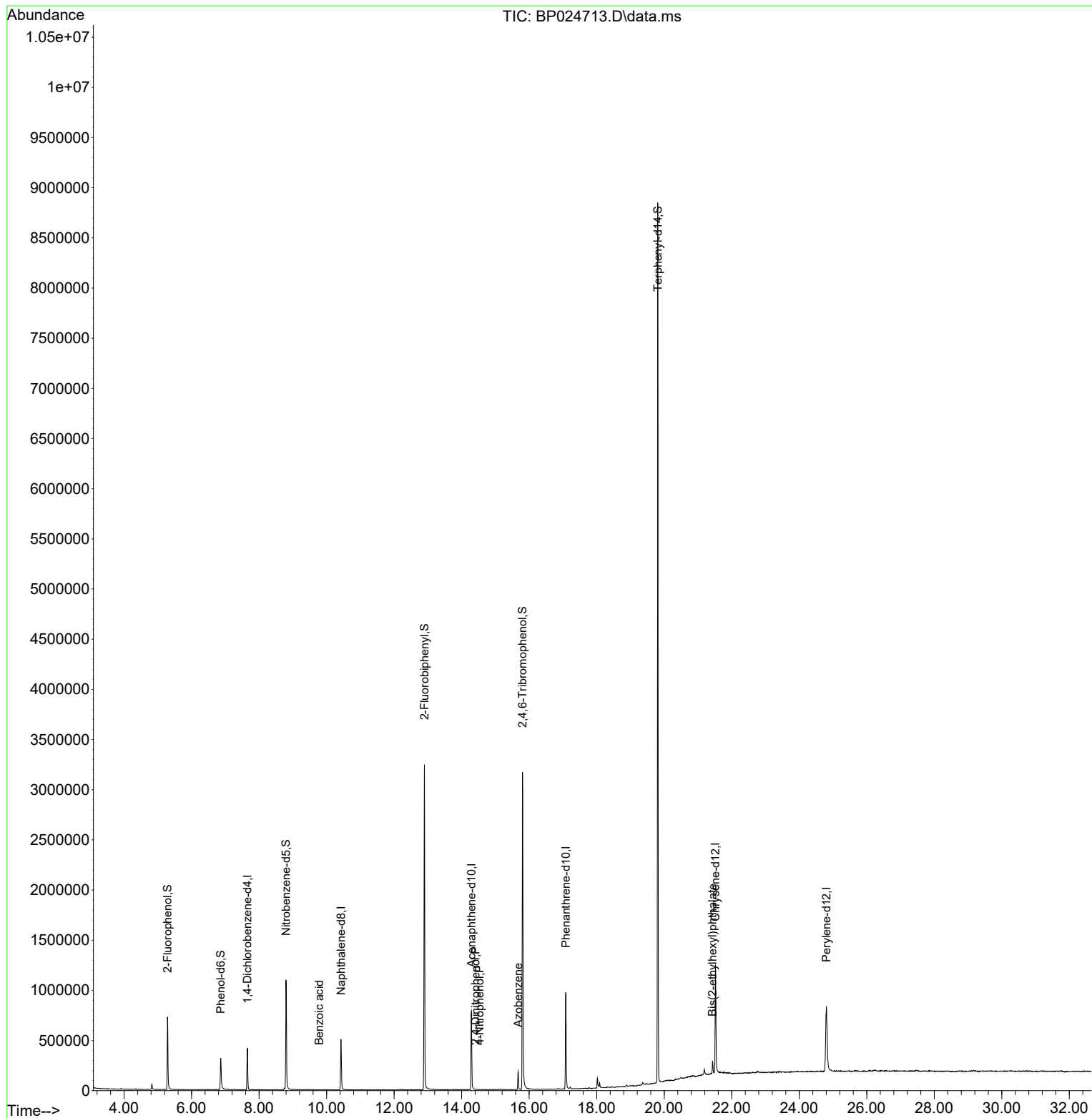
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	118478	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	455563	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	312017	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	617202	20.000	ng	-0.01
76) Chrysene-d12	21.515	240	694869	20.000	ng	0.00
86) Perylene-d12	24.804	264	845393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	344511	49.734	ng	0.00
7) Phenol-d6	6.863	99	238936	27.027	ng	0.01
23) Nitrobenzene-d5	8.798	82	607815	67.413	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	817839	154.613	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1699983	71.380	ng	0.00
79) Terphenyl-d14	19.810	244	3812935	94.090	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.781	122	16	7.471	ng	89
54) 2,4-Dinitrophenol	14.410	184	18	6.406	ng	# 71
56) 4-Nitrophenol	14.528	139	50	4.245	ng	# 19
63) Azobenzene	15.675	77	52735	2.565	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.433	149	56638	2.081	ng	98

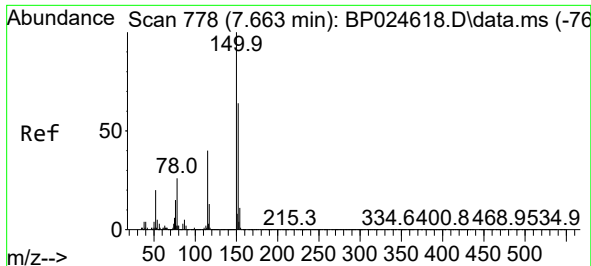
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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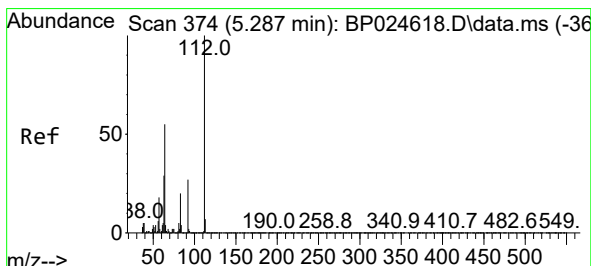
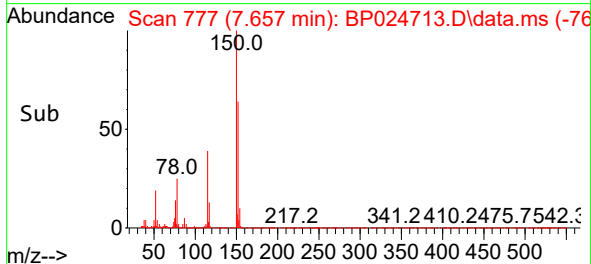
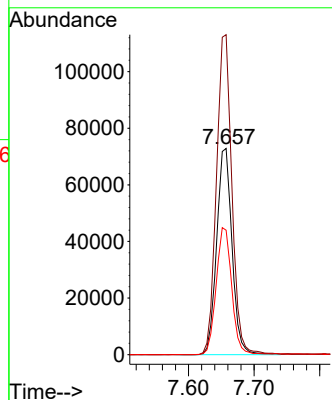
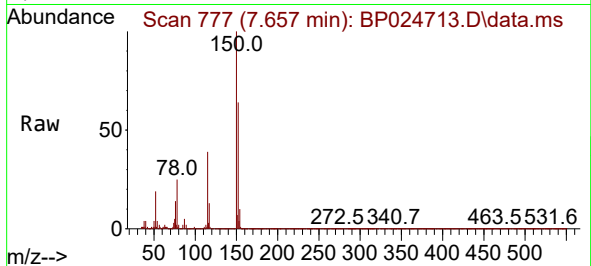




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

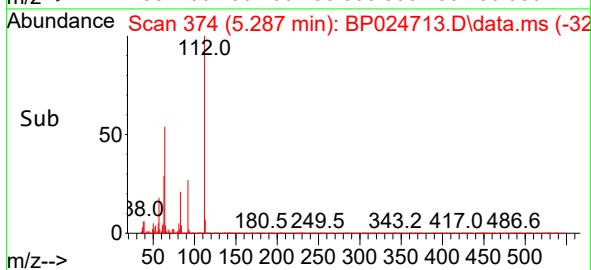
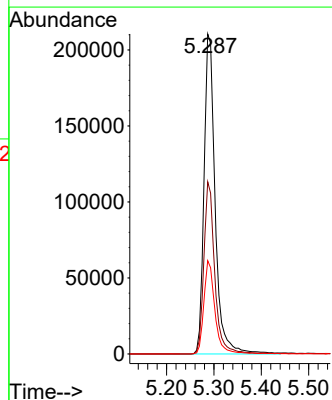
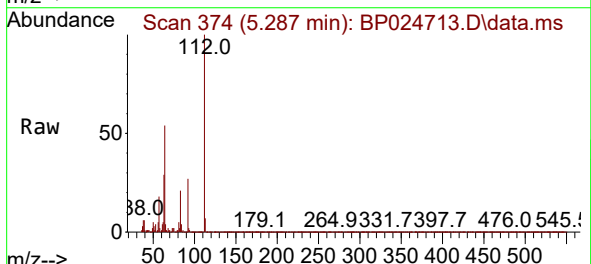
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-70-20250514

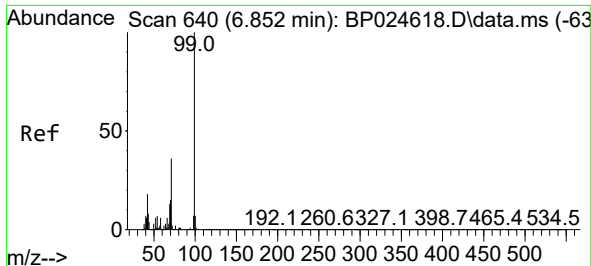
Tgt Ion:152 Resp: 118478
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 60.4 50.1 75.1



#5
2-Fluorophenol
Concen: 49.734 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

Tgt Ion:112 Resp: 344511
Ion Ratio Lower Upper
112 100
64 53.8 44.1 66.1
63 29.2 23.5 35.3

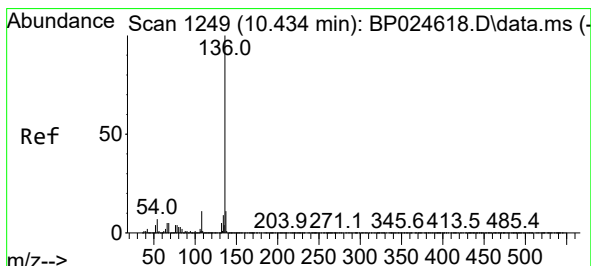
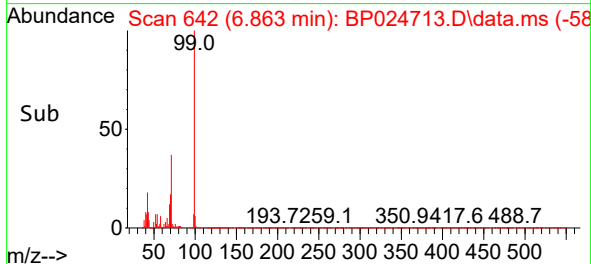
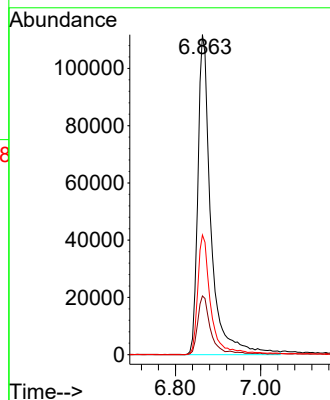
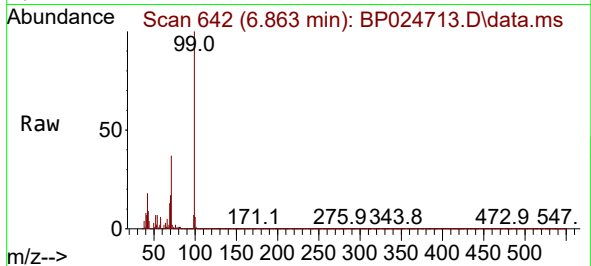




#7
Phenol-d6
Concen: 27.027 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

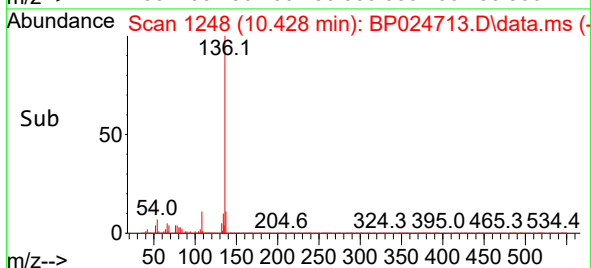
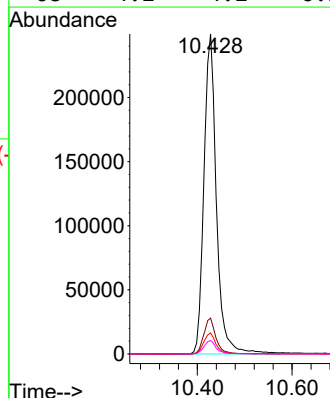
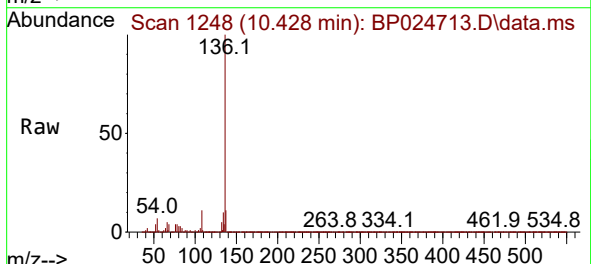
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-70-20250514

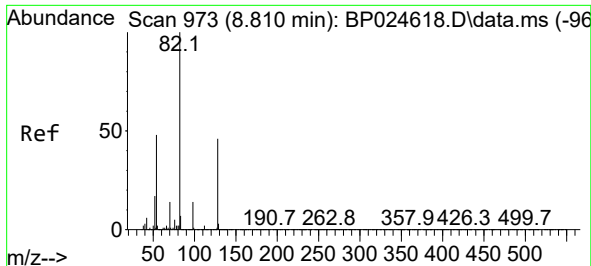
Tgt Ion: 99 Resp: 238936
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 37.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

Tgt Ion: 136 Resp: 455563
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 5.5 8.3
68 4.2 4.2 6.2

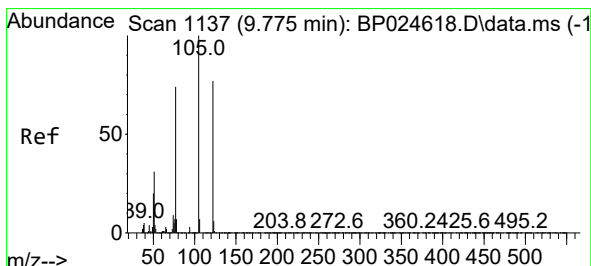
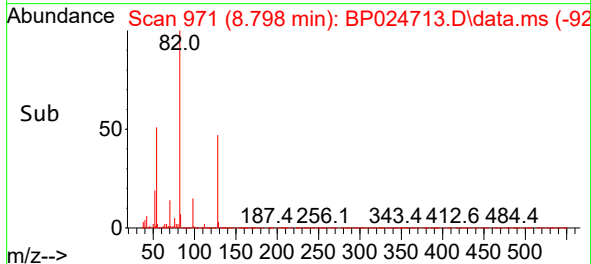
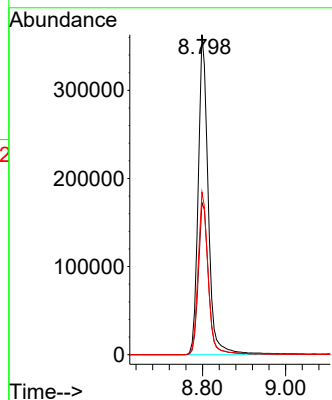
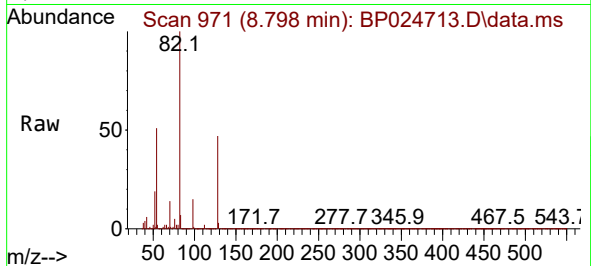




#23
Nitrobenzene-d5
Concen: 67.413 ng
RT: 8.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

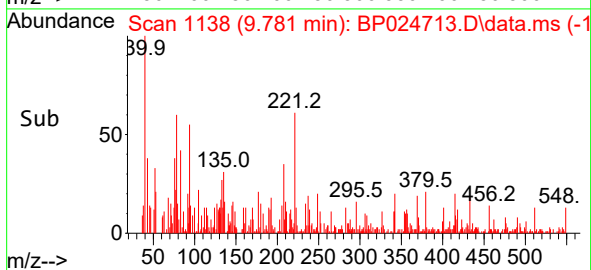
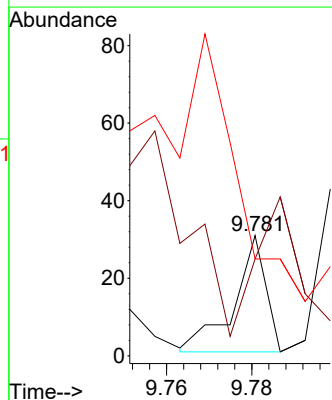
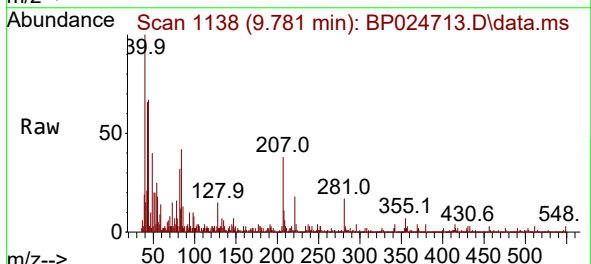
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-70-20250514

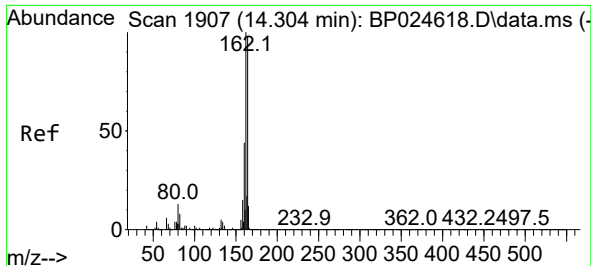
Tgt Ion: 82 Resp: 607815
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 50.8 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

Tgt Ion: 122 Resp: 16
Ion Ratio Lower Upper
122 100
105 135.5 106.9 146.9
77 80.6 75.1 115.1

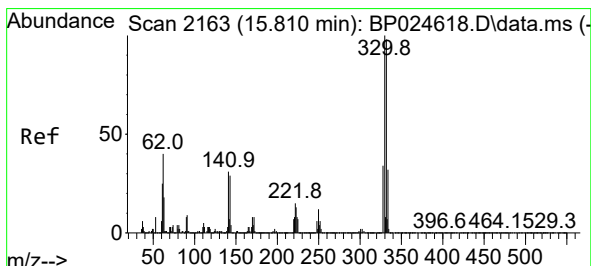
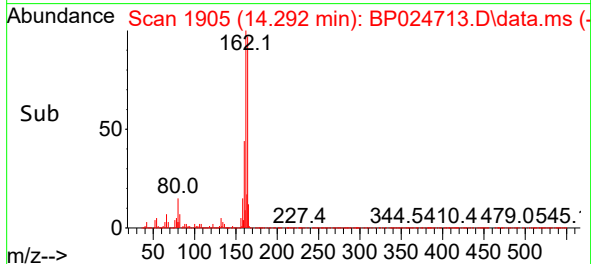
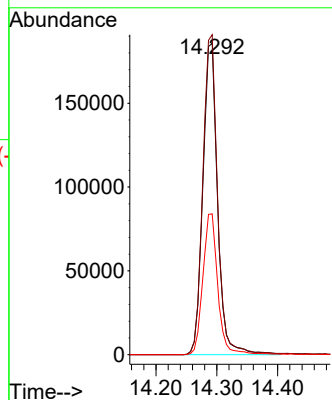
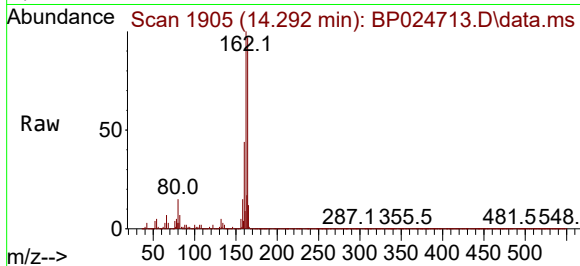




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

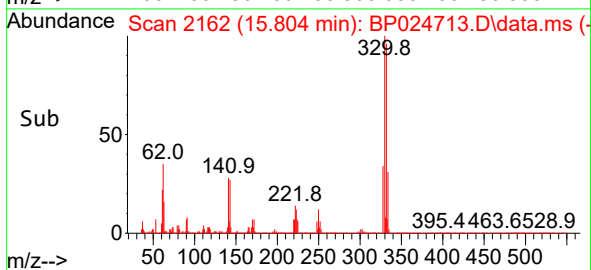
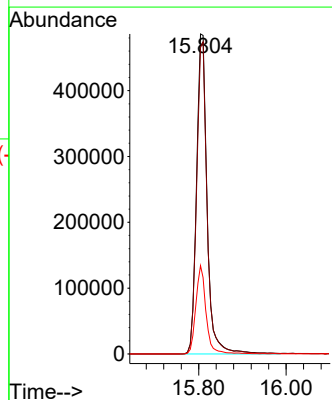
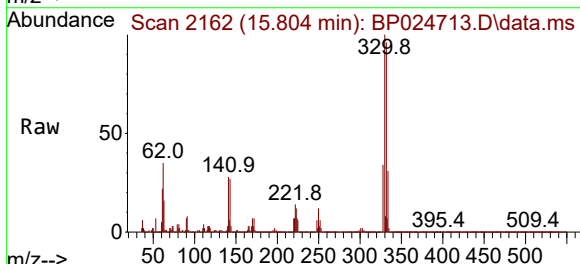
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-70-20250514

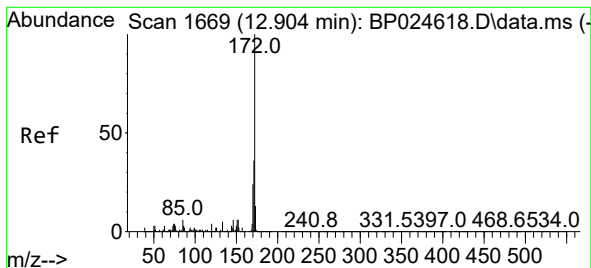
Tgt Ion:164 Resp: 312017
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 45.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 154.613 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

Tgt Ion:330 Resp: 817839
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 26.8 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 71.380 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024713.D

Acq: 20 May 2025 18:40

Instrument :

BNA_P

ClientSampleId :

RW8-SP303-70-20250514

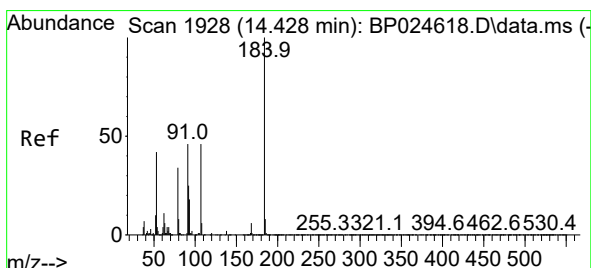
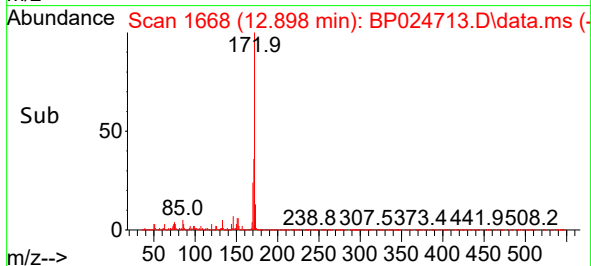
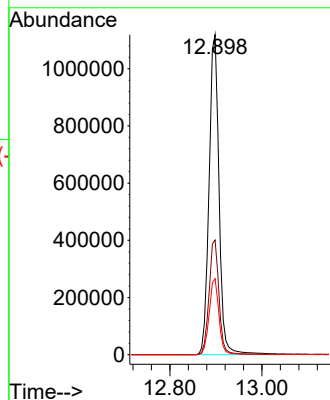
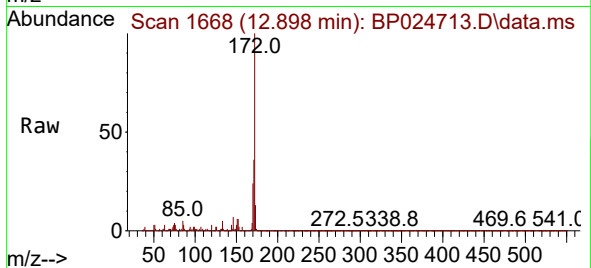
Tgt Ion:172 Resp: 1699983

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.8 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.406 ng

RT: 14.410 min Scan# 1925

Delta R.T. -0.018 min

Lab File: BP024713.D

Acq: 20 May 2025 18:40

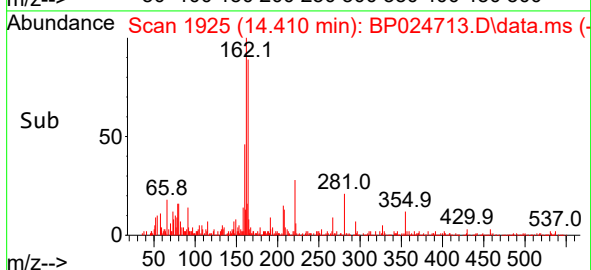
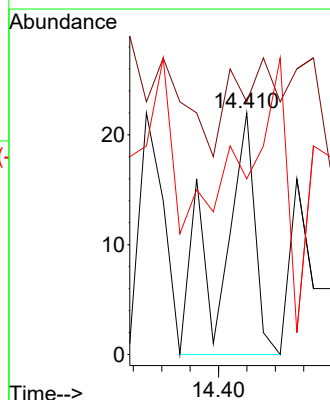
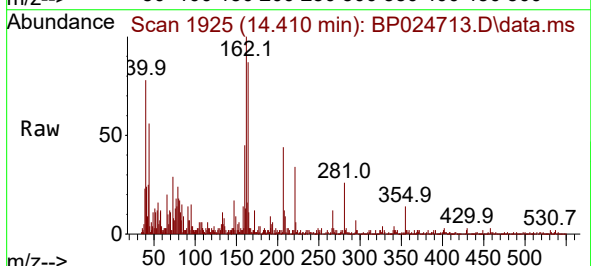
Tgt Ion:184 Resp: 18

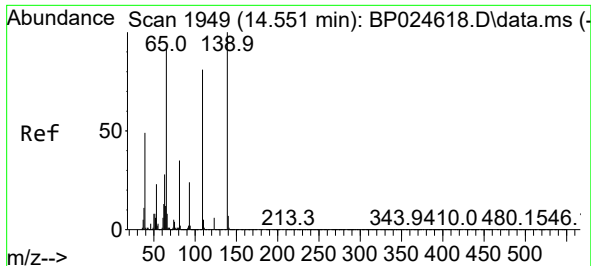
Ion Ratio Lower Upper

184 100

63 104.5 51.3 76.9#

154 72.7 53.5 80.3

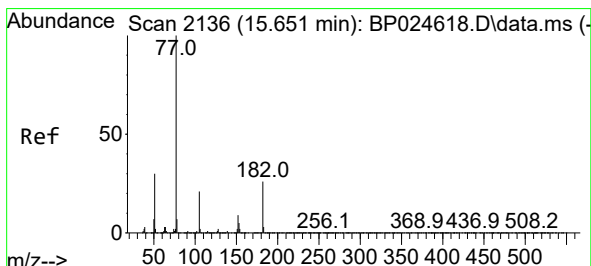
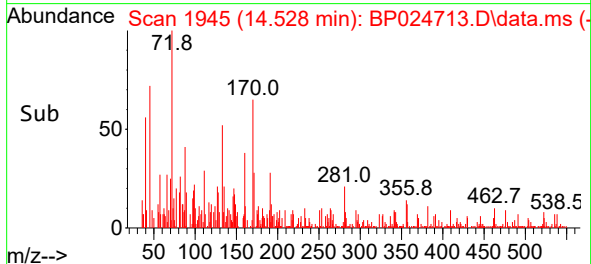
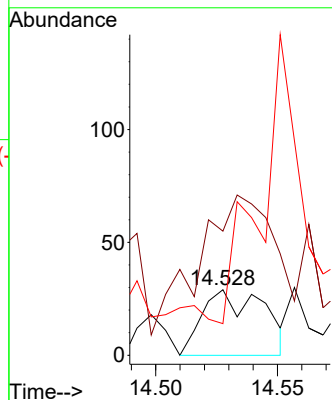
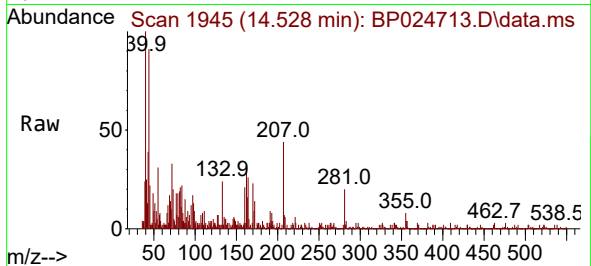




#56
4-Nitrophenol
Concen: 4.245 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.023 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

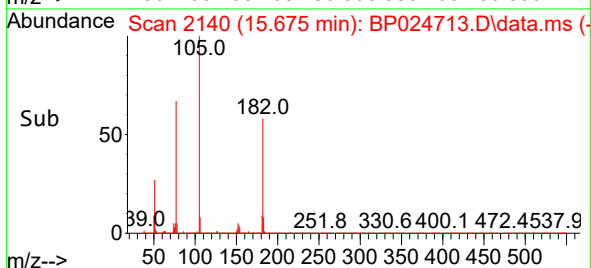
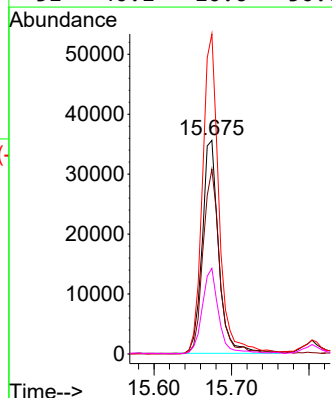
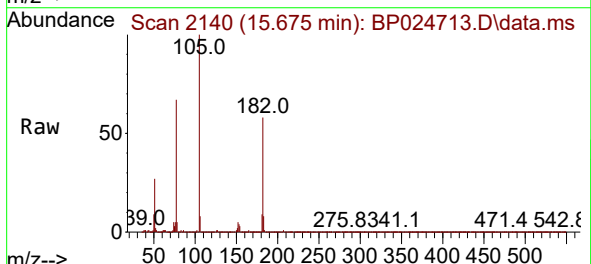
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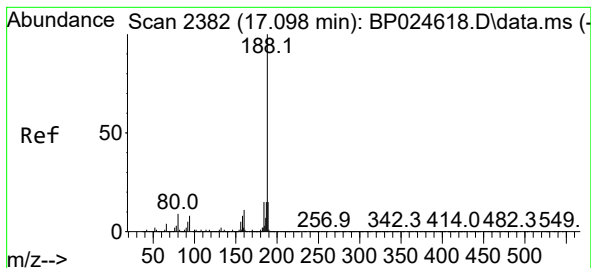
Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 189.7 61.4 101.4#
65 48.3 72.2 112.2#



#63
Azobenzene
Concen: 2.565 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.023 min
Lab File: BP024713.D
Acq: 20 May 2025 18:40

Tgt Ion: 77 Resp: 52735
Ion Ratio Lower Upper
77 100
182 86.5 5.7 45.7#
105 149.8 1.3 41.3#
51 40.1 10.6 50.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024713.D

Acq: 20 May 2025 18:40

Instrument :

BNA_P

ClientSampleId :

RW8-SP303-70-20250514

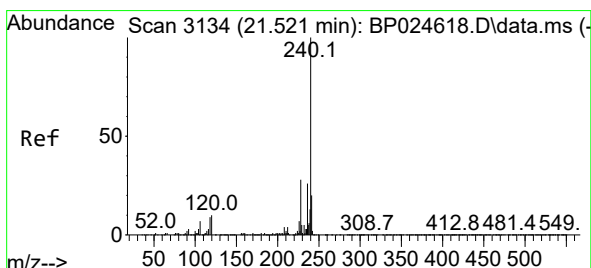
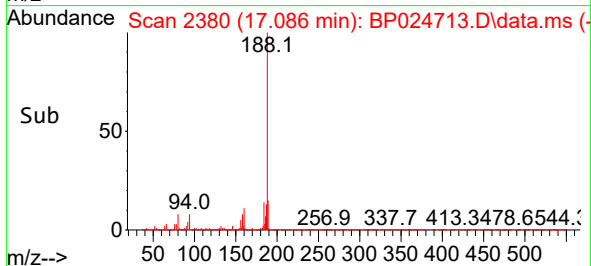
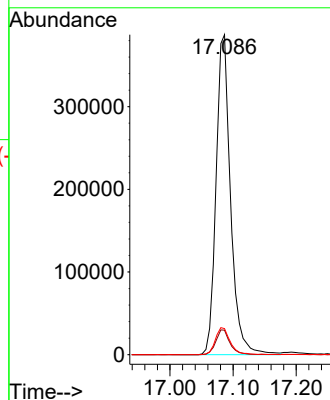
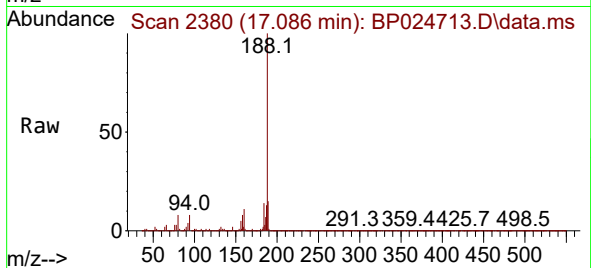
Tgt Ion:188 Resp: 617202

Ion Ratio Lower Upper

188 100

94 7.7 6.5 9.7

80 8.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024713.D

Acq: 20 May 2025 18:40

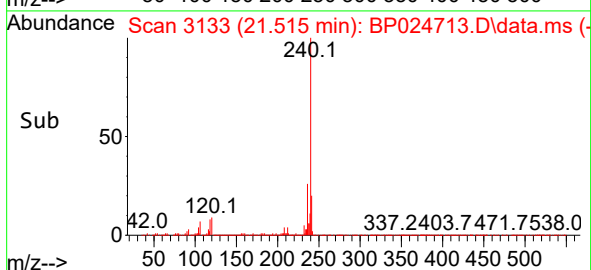
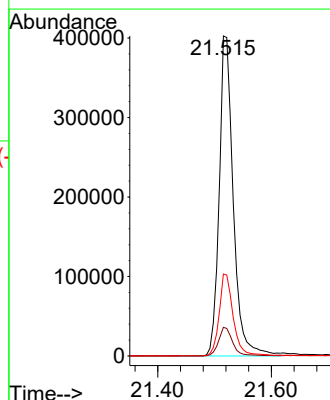
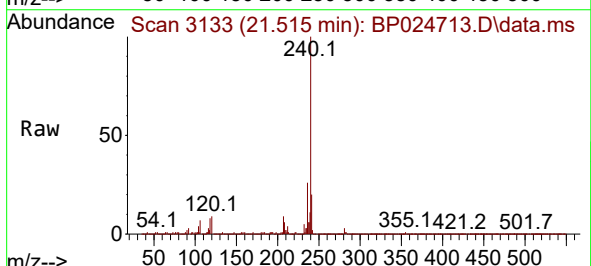
Tgt Ion:240 Resp: 694869

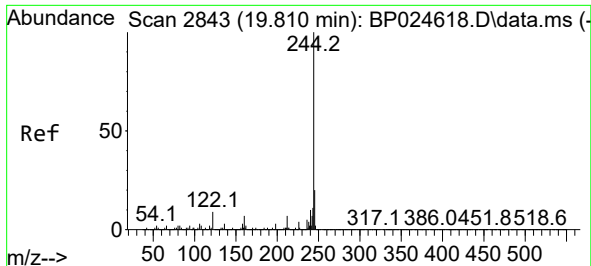
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.6 20.6 31.0

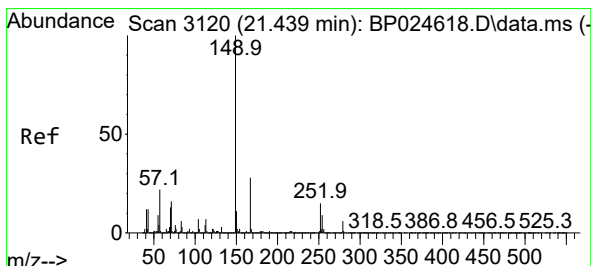
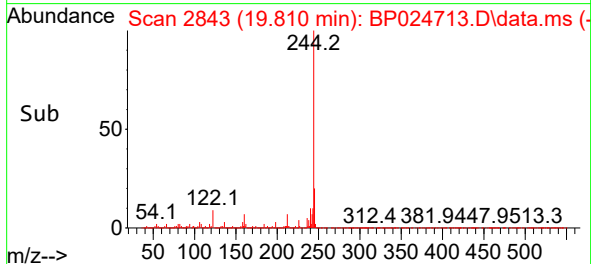
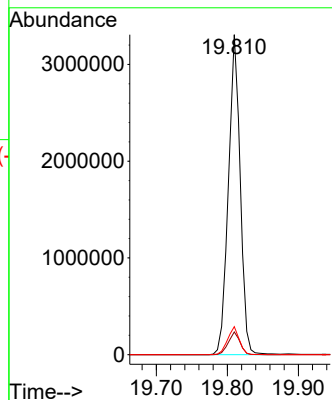
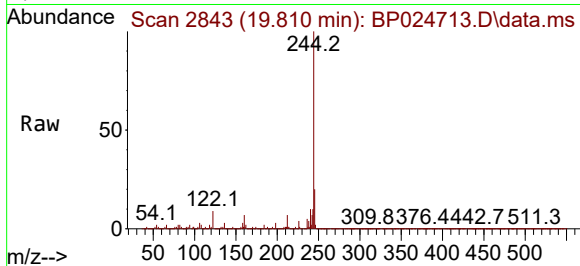




#79
 Terphenyl-d14
 Concen: 94.090 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024713.D
 Acq: 20 May 2025 18:40

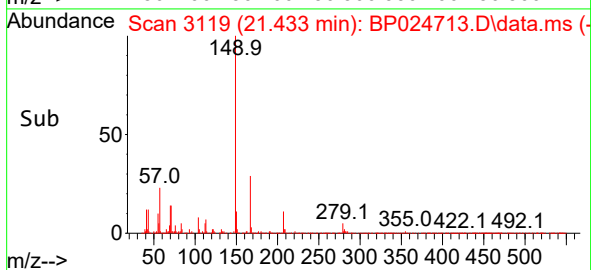
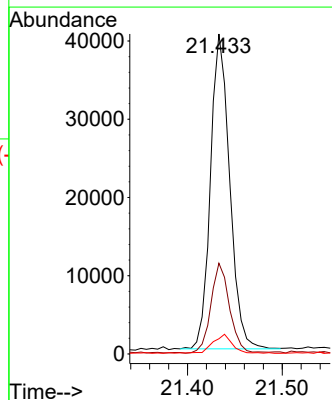
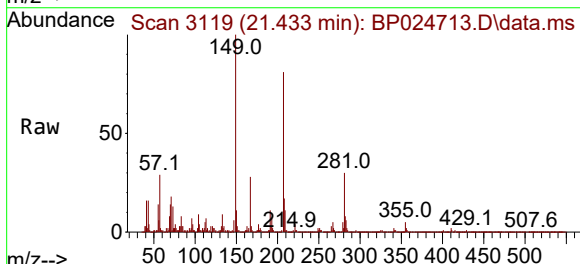
Instrument :
 BNA_P
 ClientSampleId :
 RW8-SP303-70-20250514

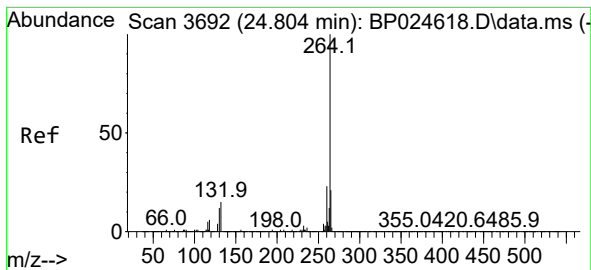
Tgt Ion:244 Resp: 3812935
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 8.8 7.4 11.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.081 ng
 RT: 21.433 min Scan# 3119
 Delta R.T. -0.006 min
 Lab File: BP024713.D
 Acq: 20 May 2025 18:40

Tgt Ion:149 Resp: 56638
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.1 33.1
 279 4.8 4.6 6.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 30

Delta R.T. -0.000 min

Lab File: BP024713.D

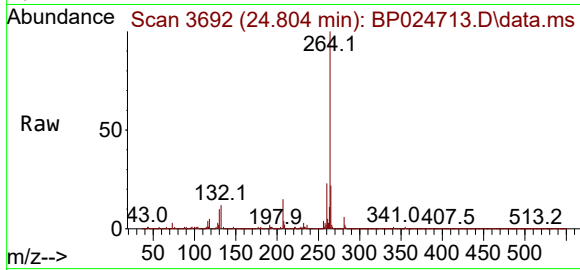
Acq: 20 May 2025 18:40

Instrument :

BNA_P

ClientSampleId :

RW8-SP303-70-20250514



Tgt Ion:264 Resp: 845393

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 22.0 17.0 25.6

