

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024834.D
 Acq On : 29 May 2025 18:28
 Operator : RC/JU
 Sample : Q2138-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SMALL-CONCRETE-PAD

Quant Time: May 30 01:06:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

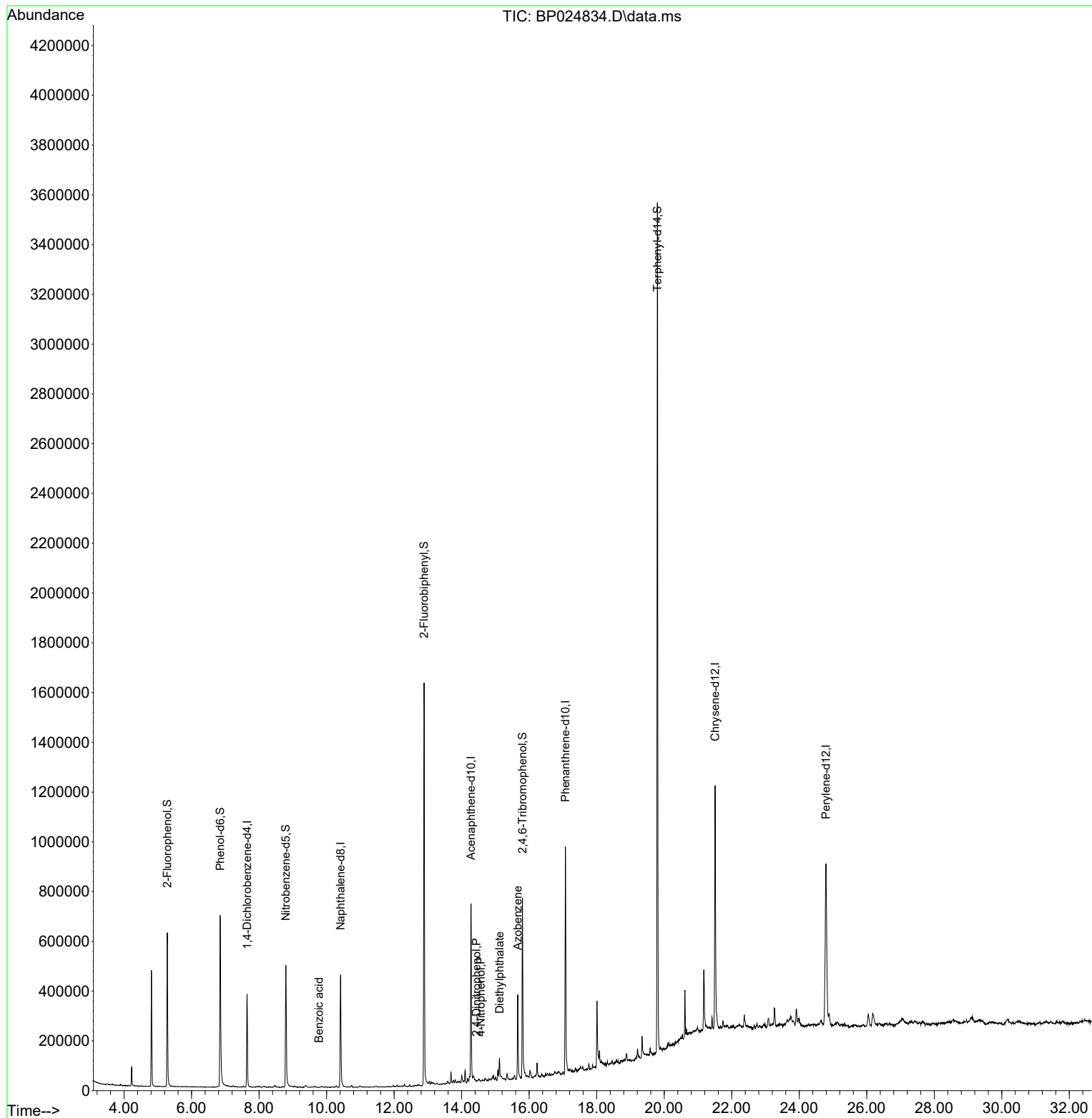
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	105519	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	419469	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	276804	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	592291	20.000	ng	0.01
76) Chrysene-d12	21.510	240	701898	20.000	ng	0.02
86) Perylene-d12	24.792	264	852825	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	298176	48.332	ng	0.00
7) Phenol-d6	6.846	99	495385	62.916	ng	0.00
23) Nitrobenzene-d5	8.793	82	321594	38.737	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	190615	40.620	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	885373	41.905	ng	0.00
79) Terphenyl-d14	19.798	244	1893328	46.253	ng	0.01
Target Compounds						
					Qvalue	
32) Benzoic acid	9.775	122	62	7.480	ng #	46
54) 2,4-Dinitrophenol	14.439	184	59	6.420	ng #	36
56) 4-Nitrophenol	14.563	139	161	4.273	ng #	7
60) Diethylphthalate	15.122	149	71691	3.362	ng	99
63) Azobenzene	15.663	77	108686	5.958	ng #	1

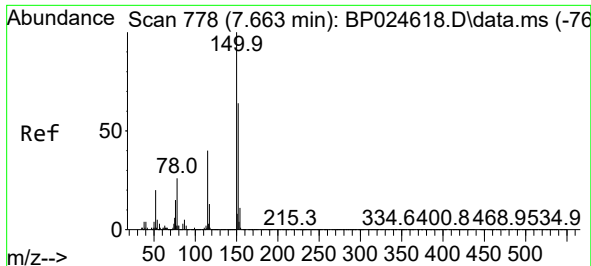
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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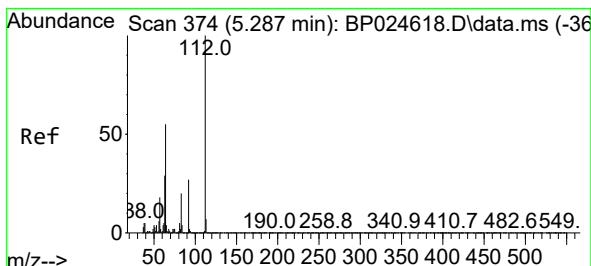
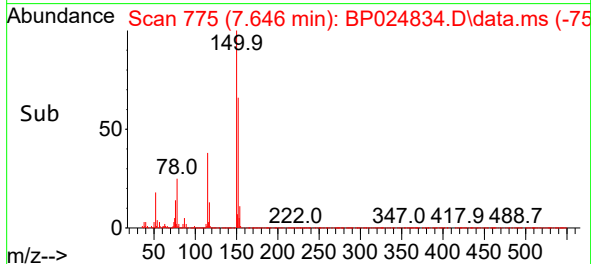
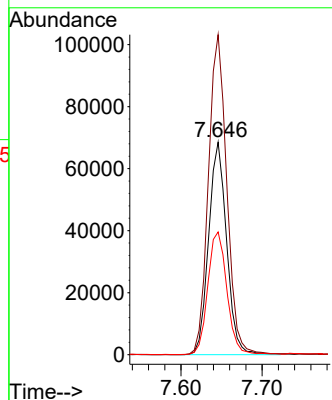
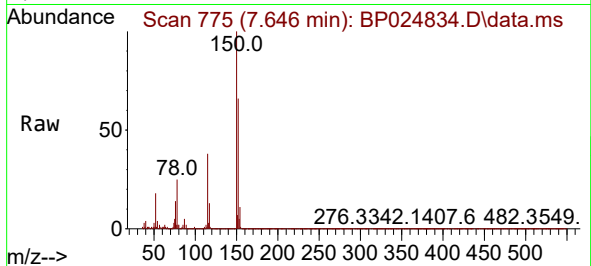




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

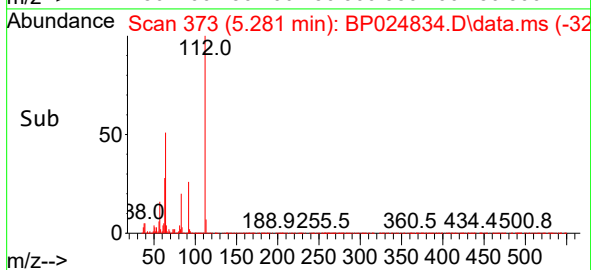
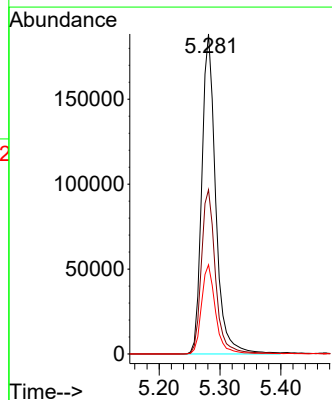
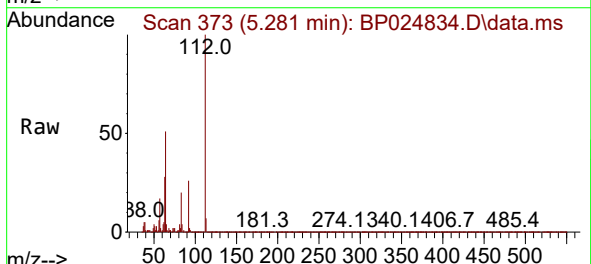
Instrument :
BNA_P
ClientSampleId :
SMALL-CONCRETE-PAD

Tgt Ion:152 Resp: 105519
Ion Ratio Lower Upper
152 100
150 150.5 125.9 188.9
115 57.8 50.1 75.1



#5
2-Fluorophenol
Concen: 48.332 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

Tgt Ion:112 Resp: 298176
Ion Ratio Lower Upper
112 100
64 51.3 44.1 66.1
63 27.9 23.5 35.3

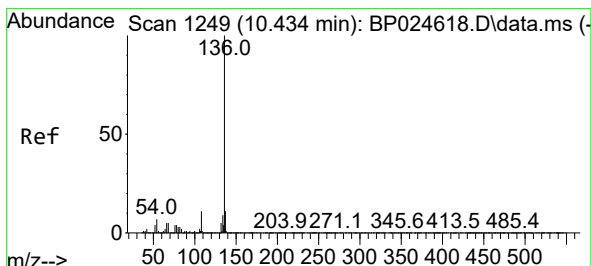
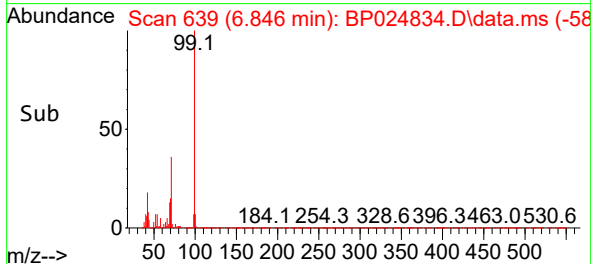
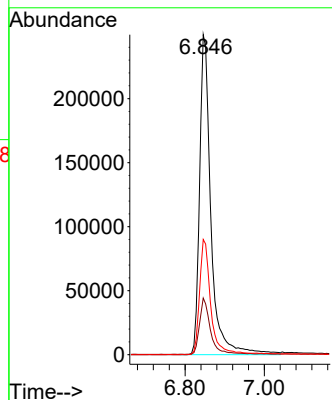
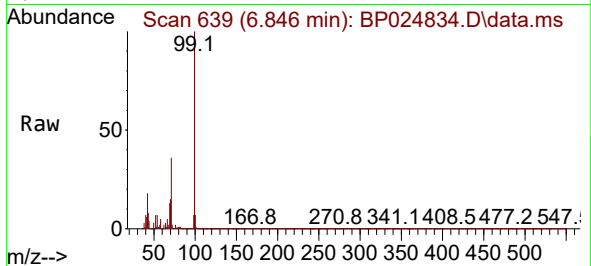




#7
Phenol-d6
Concen: 62.916 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

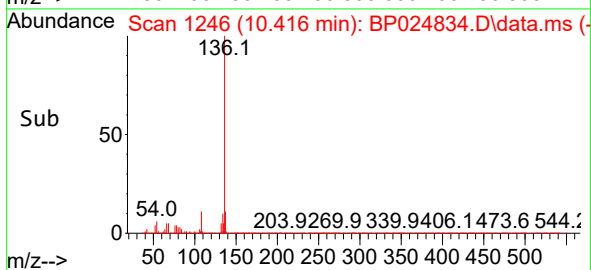
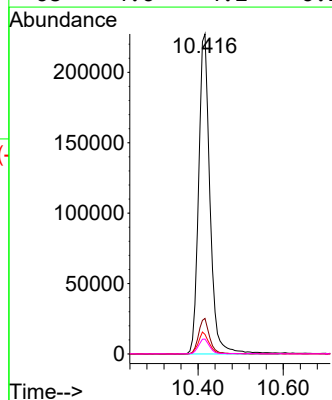
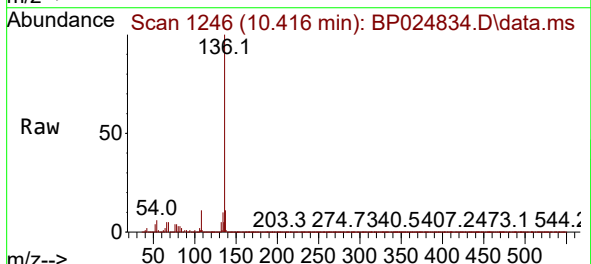
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BNA_P
ClientSampleId :
SMALL-CONCRETE-PAD

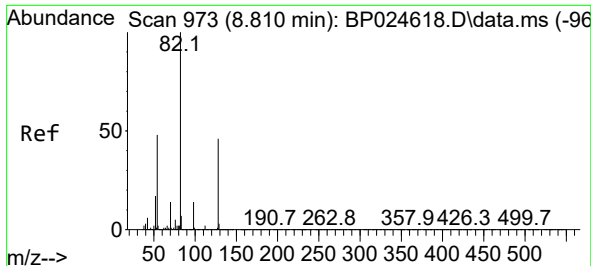
Tgt Ion: 99 Resp: 495385
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

Tgt Ion: 136 Resp: 419469
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.1 5.5 8.3
68 4.6 4.2 6.2

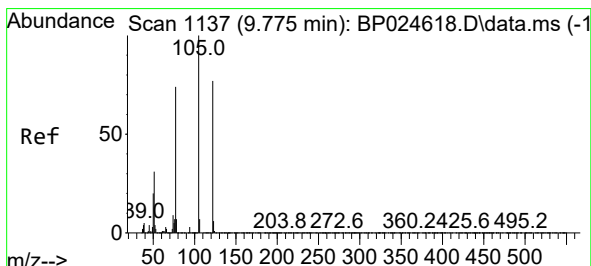
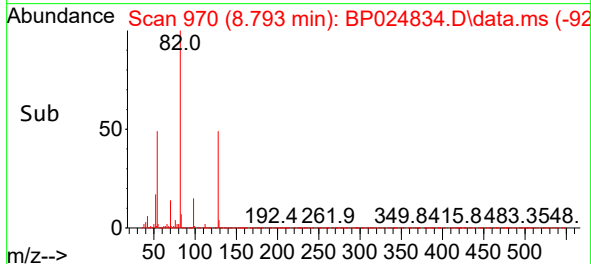
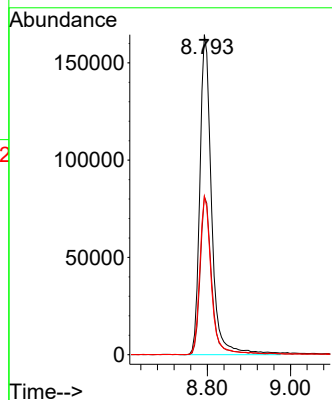
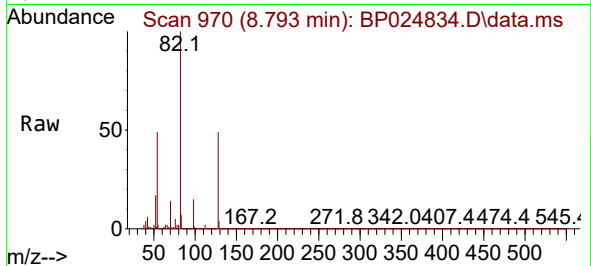




#23
Nitrobenzene-d5
Concen: 38.737 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

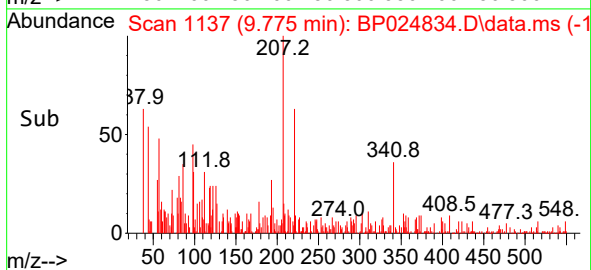
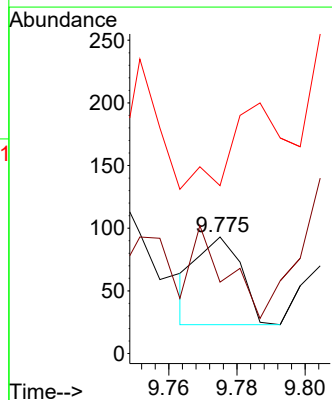
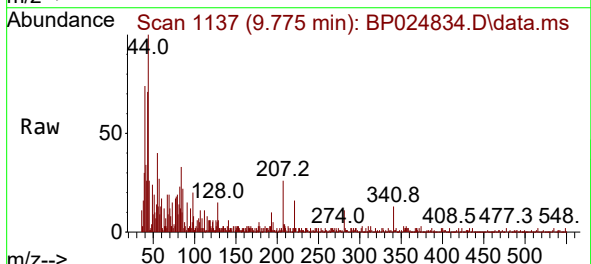
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BNA_P
ClientSampleId :
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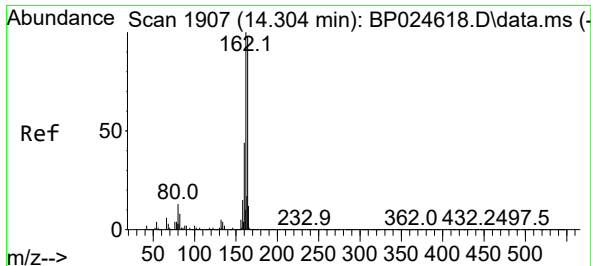
Tgt Ion: 82 Resp: 321594
Ion Ratio Lower Upper
82 100
128 49.5 37.0 55.4
54 49.5 38.7 58.1



#32
Benzoic acid
Concen: 7.480 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.018 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 61.3 106.9 146.9#
77 144.1 75.1 115.1#

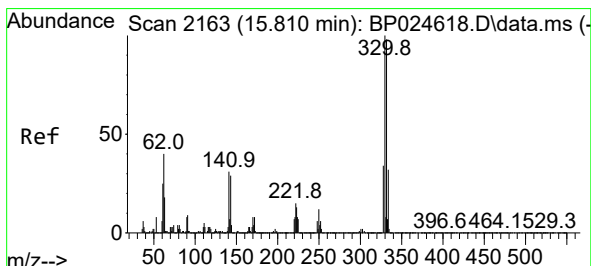
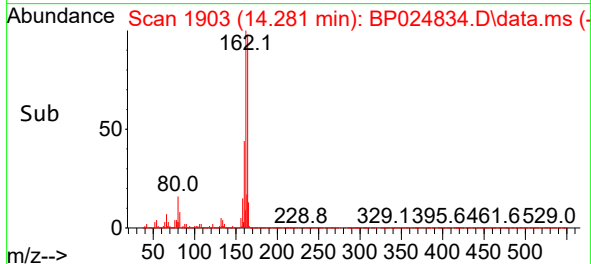
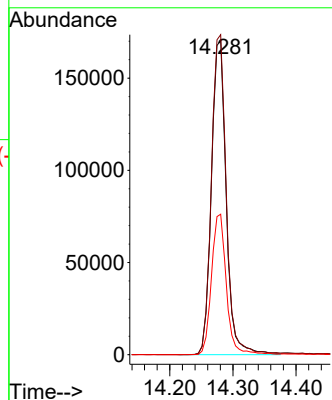
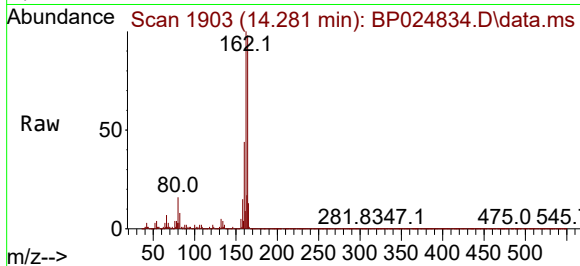




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

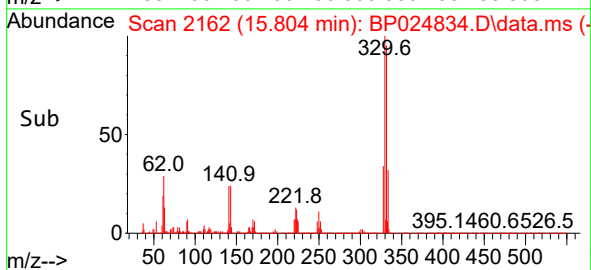
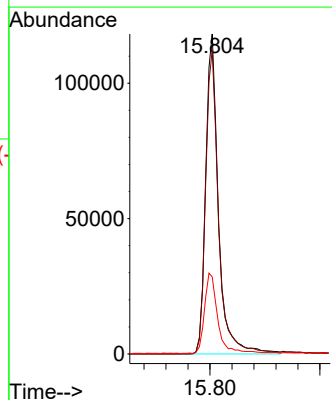
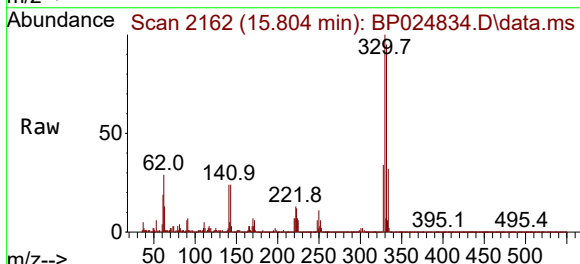
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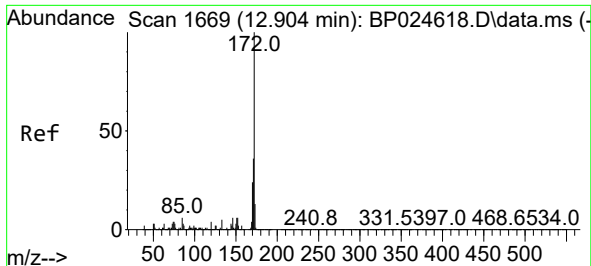
Tgt Ion:164 Resp: 276804
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.6
160 44.7 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 40.620 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.018 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

Tgt Ion:330 Resp: 190615
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 26.2 24.3 36.5

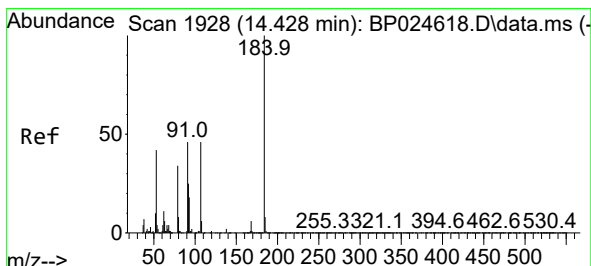
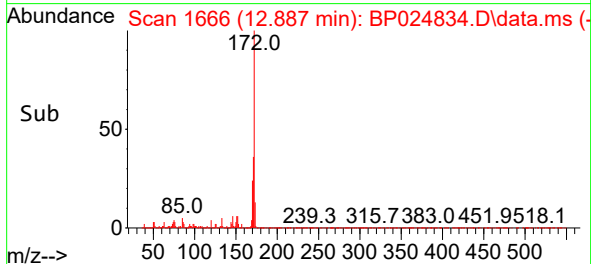
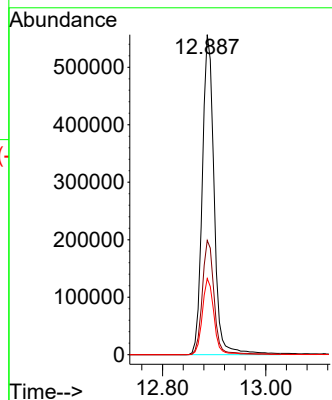
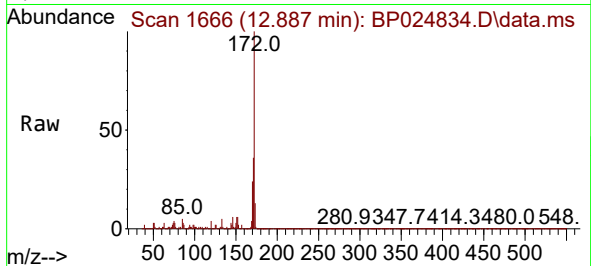




#45
2-Fluorobiphenyl
Concen: 41.905 ng
RT: 12.887 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

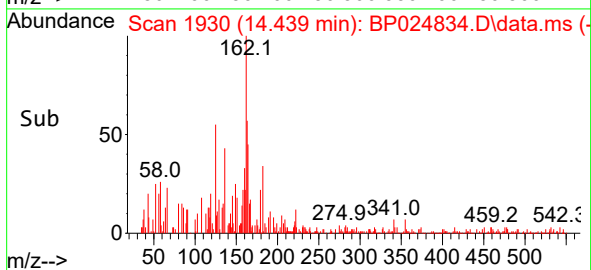
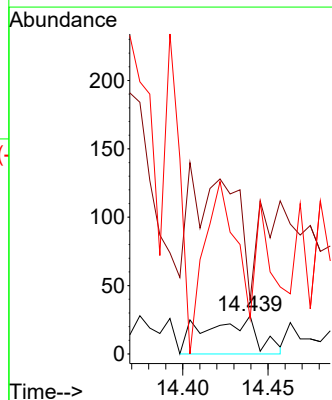
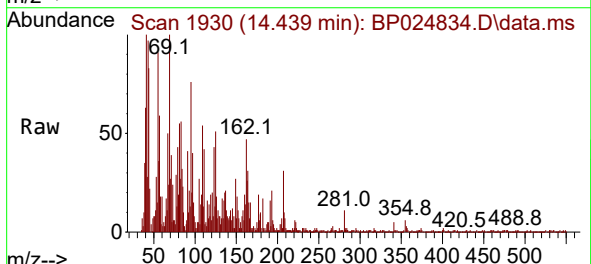
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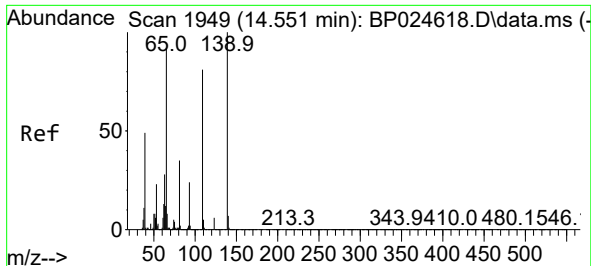
Tgt Ion:172 Resp: 885373
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.8 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.420 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.024 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 139.3 51.3 76.9#
154 92.9 53.5 80.3#

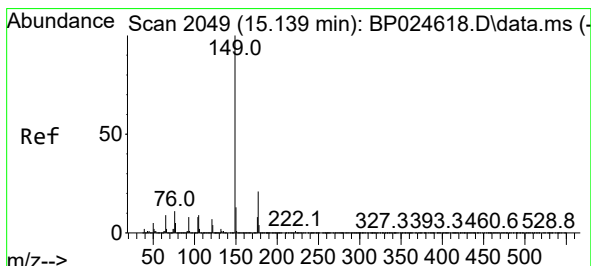
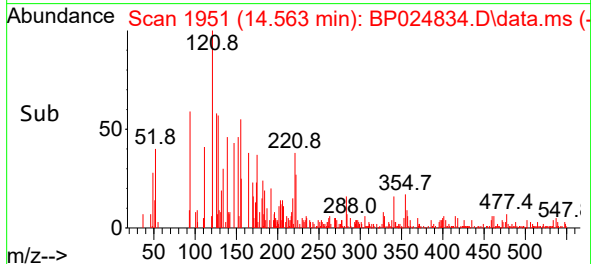
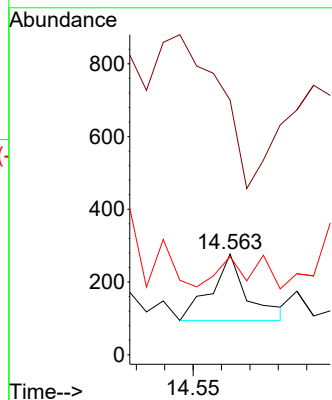
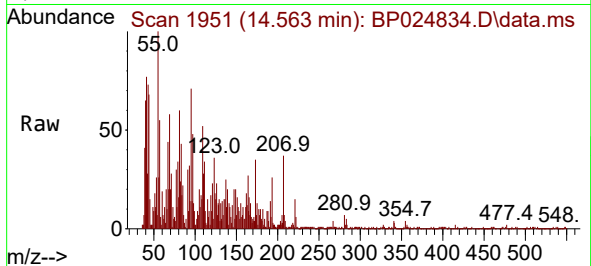




#56
4-Nitrophenol
Concen: 4.273 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

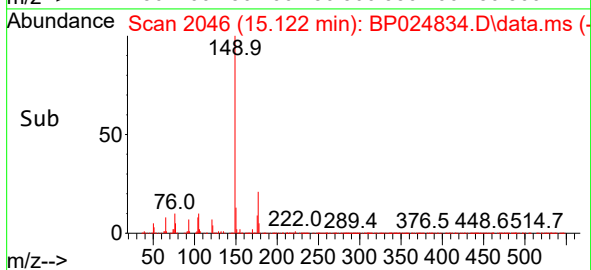
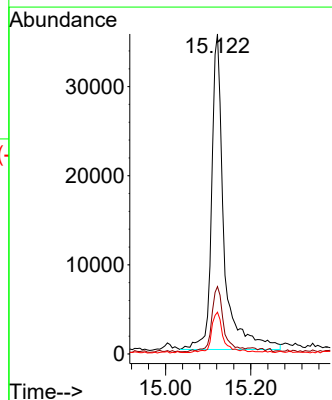
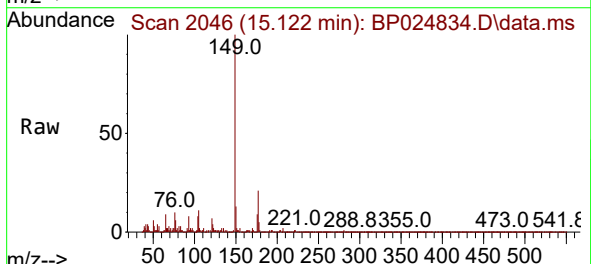
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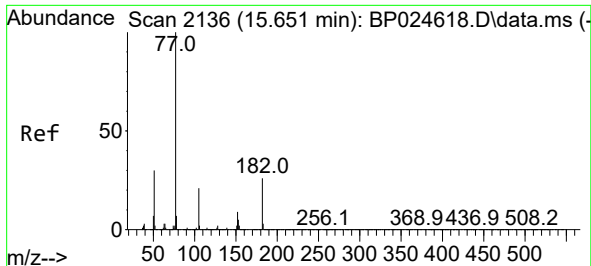
Tgt Ion:139 Resp: 161
Ion Ratio Lower Upper
139 100
109 252.7 61.4 101.4#
65 97.5 72.2 112.2



#60
Diethylphthalate
Concen: 3.362 ng
RT: 15.122 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

Tgt Ion:149 Resp: 71691
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 13.1 10.2 15.2

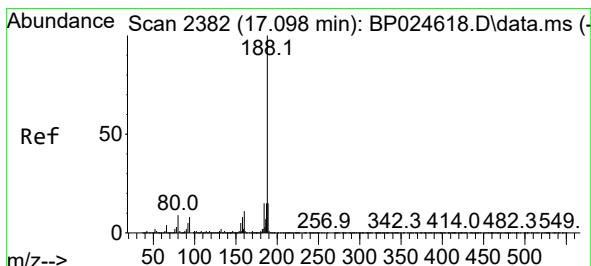
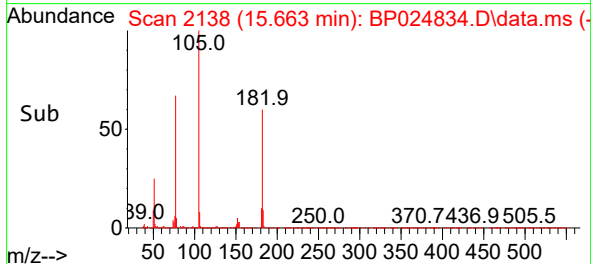
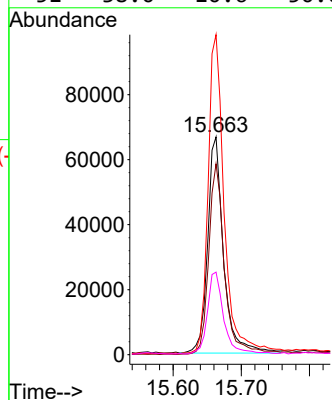
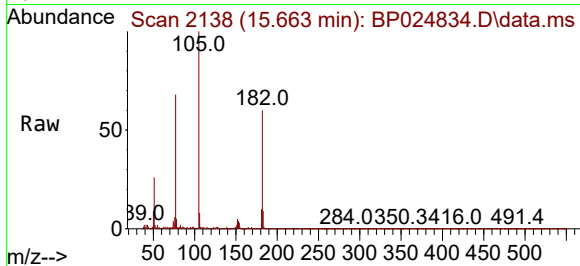




#63
Azobenzene
Concen: 5.958 ng
RT: 15.663 min Scan# 2136
Delta R.T. 0.035 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

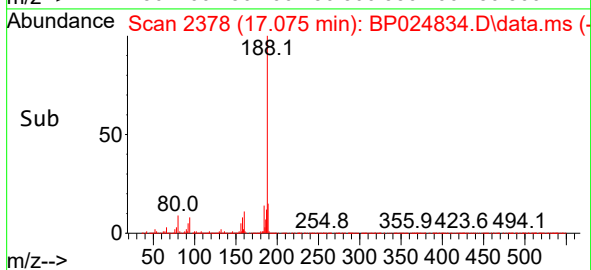
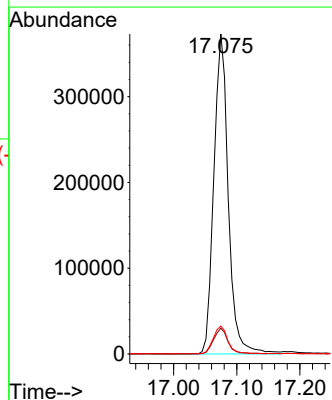
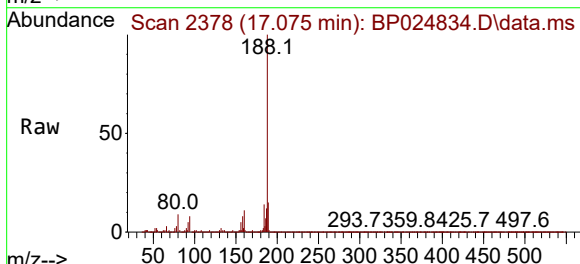
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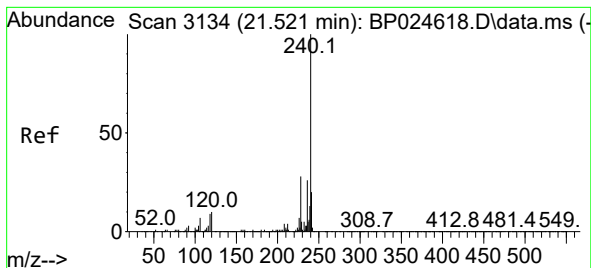
Tgt Ion: 77 Resp: 108686
Ion Ratio Lower Upper
77 100
182 87.7 5.7 45.7#
105 146.9 1.3 41.3#
51 38.0 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP024834.D
Acq: 29 May 2025 18:28

Tgt Ion:188 Resp: 592291
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 8.7 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3134

Delta R.T. 0.018 min

Lab File: BP024834.D

Acq: 29 May 2025 18:28

Instrument :

BNA_P

ClientSampleId :

SMALL-CONCRETE-PAD

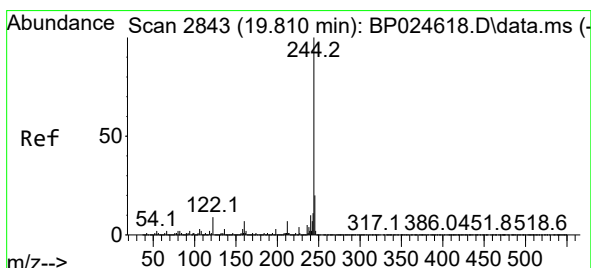
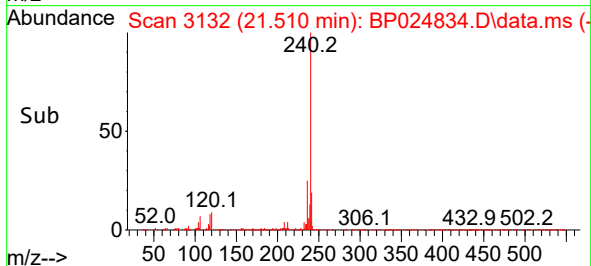
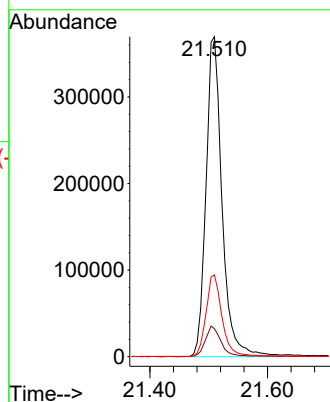
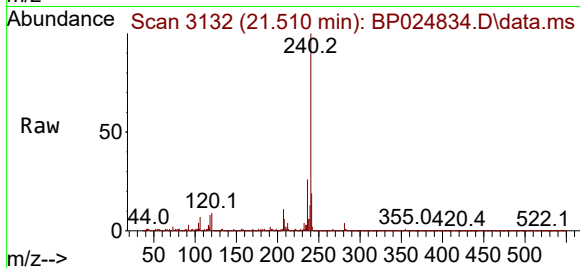
Tgt Ion:240 Resp: 701898

Ion Ratio Lower Upper

240 100

120 8.7 7.8 11.6

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 46.253 ng

RT: 19.798 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BP024834.D

Acq: 29 May 2025 18:28

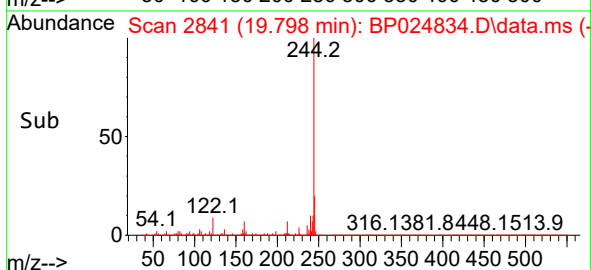
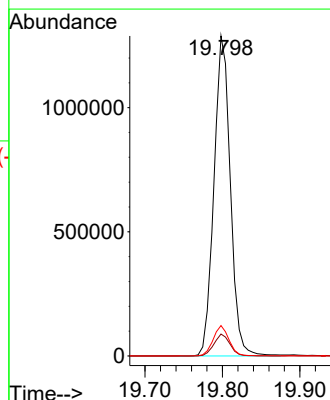
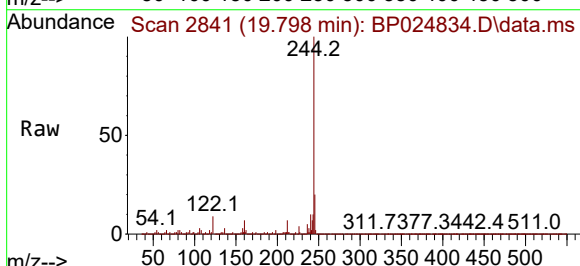
Tgt Ion:244 Resp: 1893328

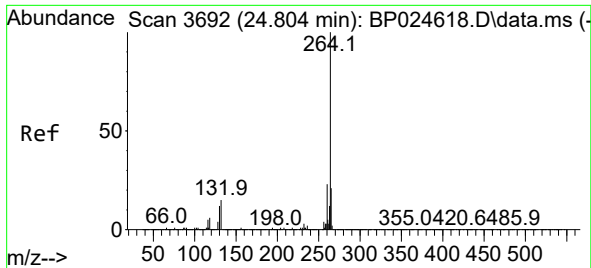
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.5 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.792 min Scan# 30
 Delta R.T. 0.047 min
 Lab File: BP024834.D
 Acq: 29 May 2025 18:28

Instrument :
 BNA_P
 ClientSampleId :
 SMALL-CONCRETE-PAD

Tgt Ion:264 Resp: 852825
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.9 17.0 25.6

