

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024714.D
 Acq On : 20 May 2025 19:21
 Operator : RC/JU
 Sample : Q2064-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RW8-SP100-90-20250514

Quant Time: May 21 12:10:16 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)

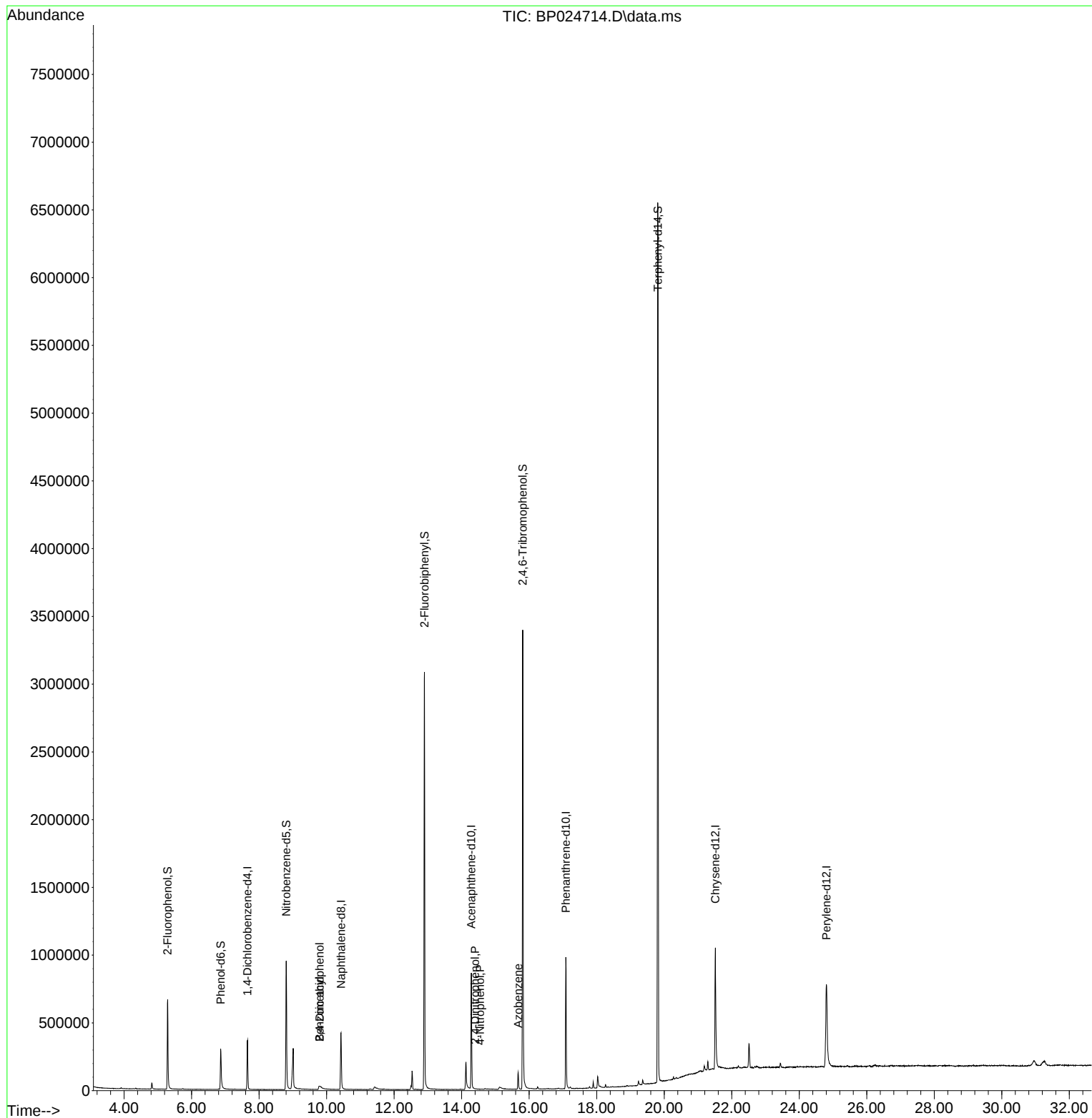
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	105097	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	405523	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	295391	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	588501	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	654045	20.000	ng	0.00
86) Perylene-d12	24.804	264	776769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	321274	52.285	ng	0.00
7) Phenol-d6	6.863	99	225266	28.724	ng	0.01
23) Nitrobenzene-d5	8.804	82	562144	70.041	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	807969	161.344	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1585933	70.340	ng	0.00
79) Terphenyl-d14	19.810	244	3701032	97.029	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.793	122	17351	2.843	ng	# 2
32) Benzoic acid	9.793	122	17351	10.917	ng	85
54) 2,4-Dinitrophenol	14.398	184	9	6.404	ng	# 1
56) 4-Nitrophenol	14.545	139	24	4.240	ng	# 1
63) Azobenzene	15.675	77	39714	2.040	ng	# 1

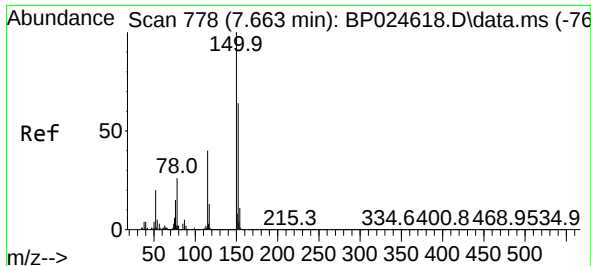
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
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Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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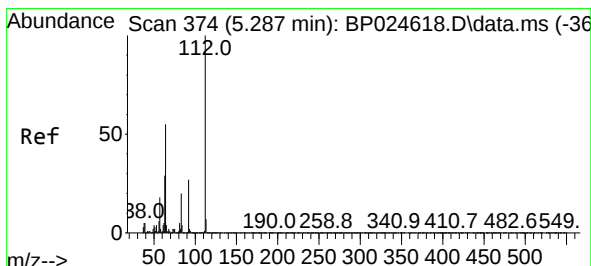
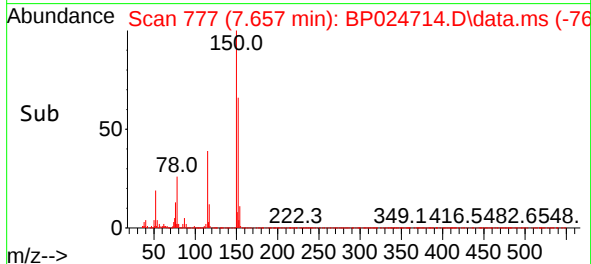
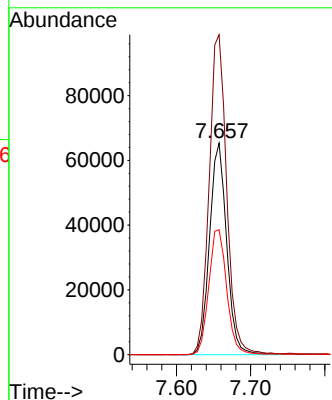
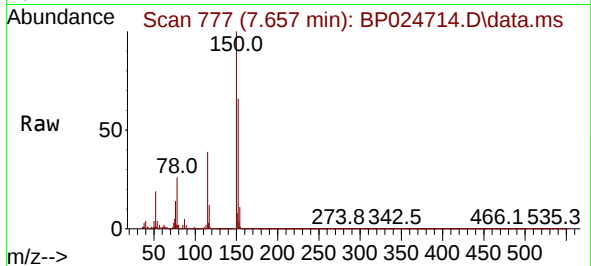




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

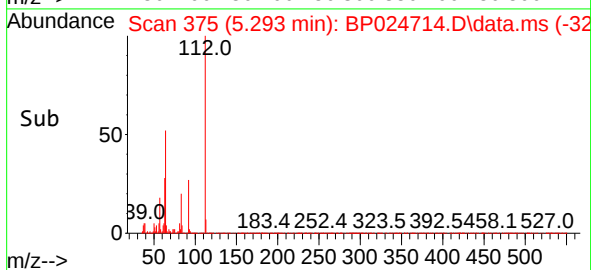
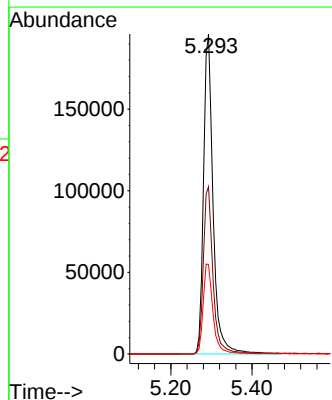
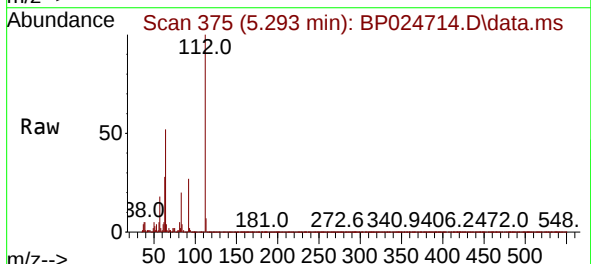
Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

Tgt Ion:152 Resp: 105097
Ion Ratio Lower Upper
152 100
150 151.2 125.9 188.9
115 59.0 50.1 75.1



#5
2-Fluorophenol
Concen: 52.285 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

Tgt Ion:112 Resp: 321274
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 28.0 23.5 35.3

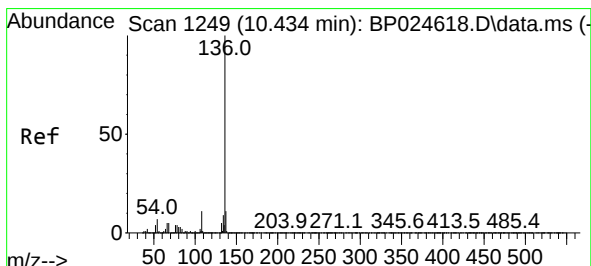
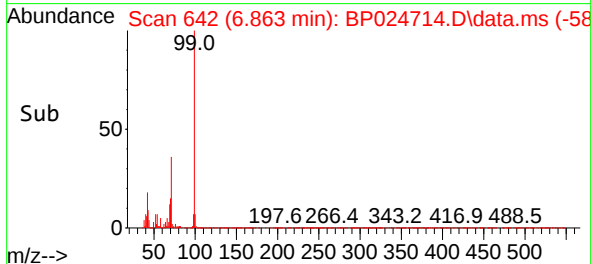
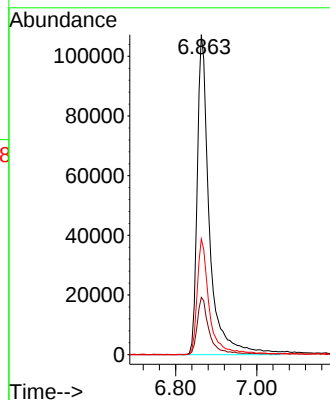
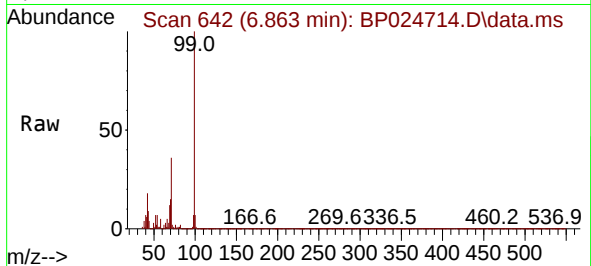




#7
Phenol-d6
Concen: 28.724 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

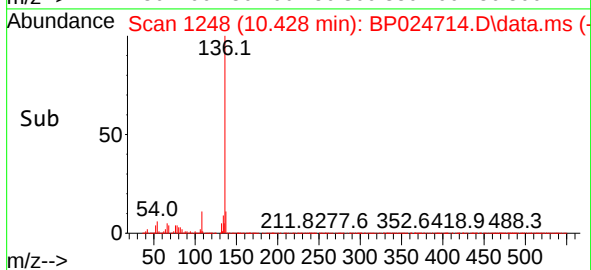
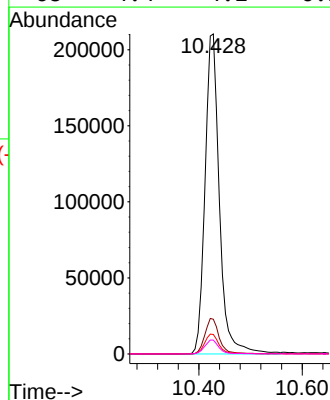
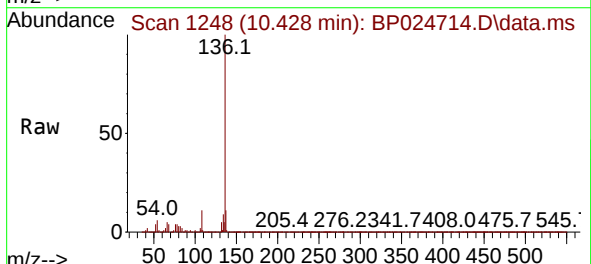
Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

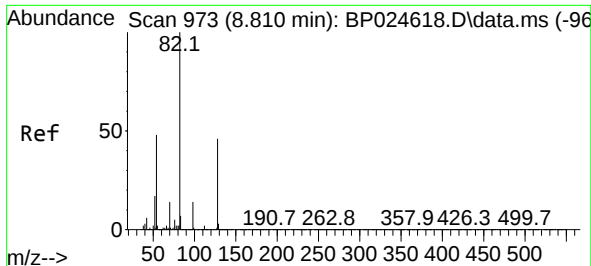
Tgt Ion: 99 Resp: 225266
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 36.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

Tgt Ion: 136 Resp: 405523
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.1 5.5 8.3
68 4.4 4.2 6.2

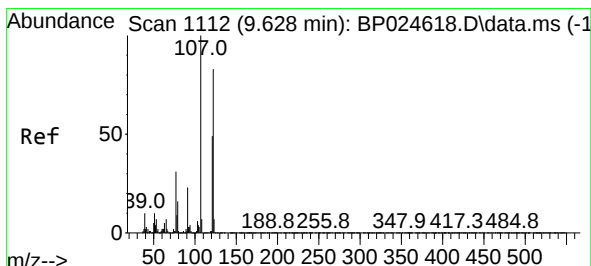
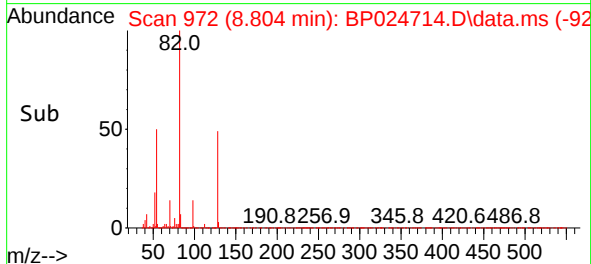
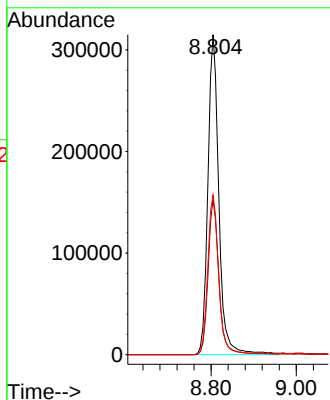
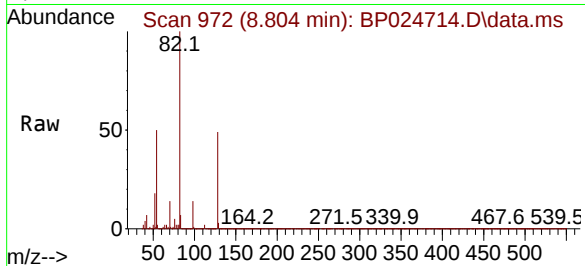




#23
Nitrobenzene-d5
Concen: 70.041 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

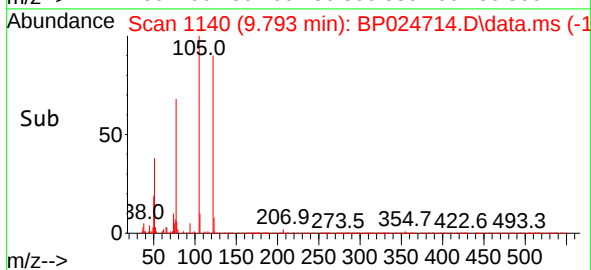
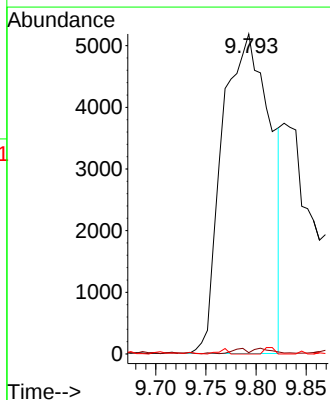
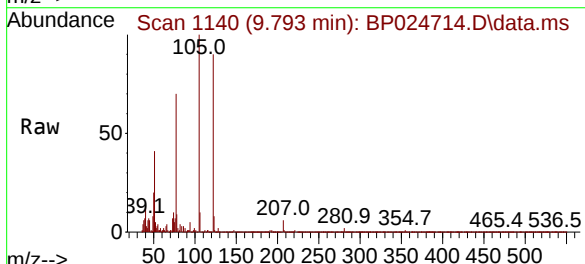
Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

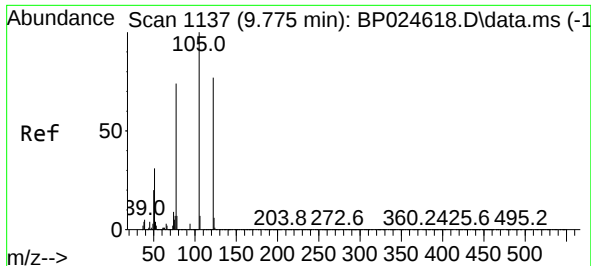
Tgt Ion: 82 Resp: 562144
Ion Ratio Lower Upper
82 100
128 48.5 37.0 55.4
54 50.0 38.7 58.1



#27
2,4-Dimethylphenol
Concen: 2.843 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.165 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

Tgt Ion:122 Resp: 17351
Ion Ratio Lower Upper
122 100
107 0.4 96.2 144.2#
121 0.0 47.6 71.4#

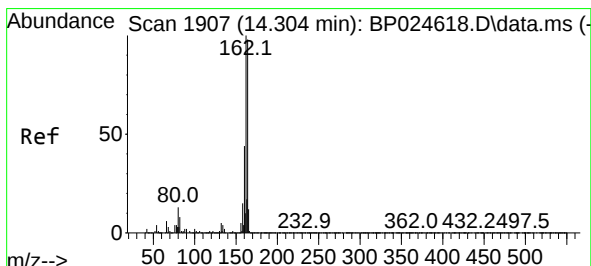
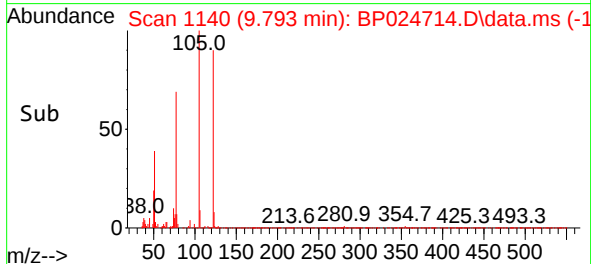
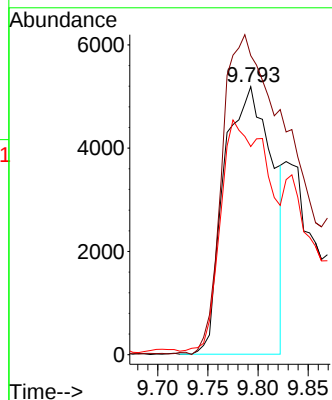
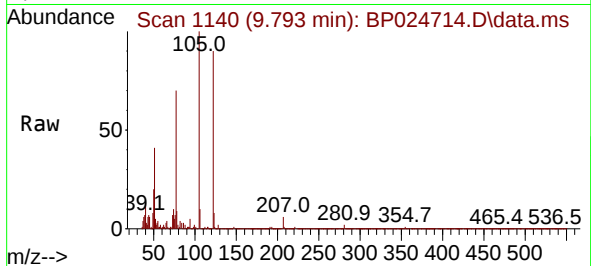




#32
Benzoic acid
Concen: 10.917 ng
RT: 9.793 min Scan# 1137
Delta R.T. 0.018 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

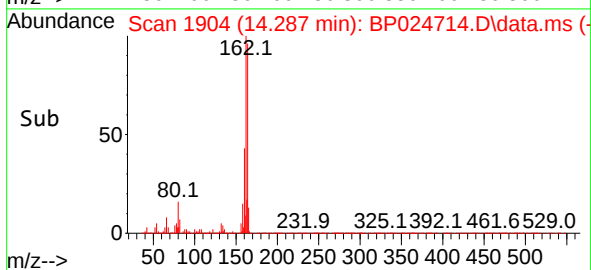
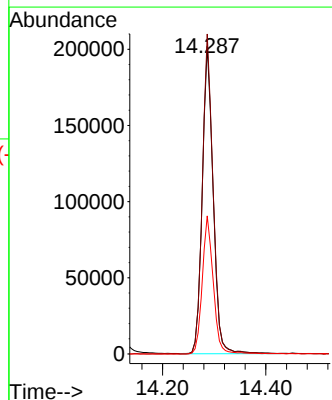
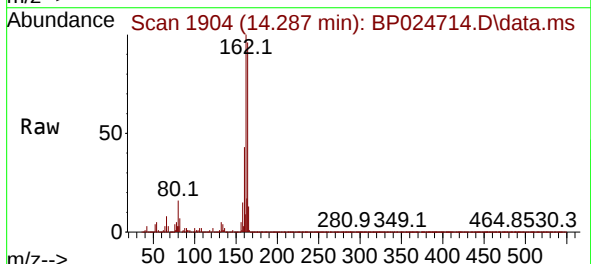
Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

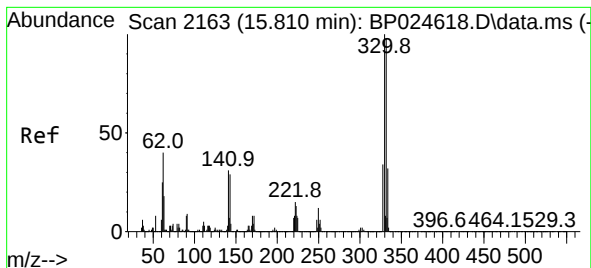
Tgt Ion:122 Resp: 17351
Ion Ratio Lower Upper
122 100
105 111.6 106.9 146.9
77 77.7 75.1 115.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

Tgt Ion:164 Resp: 295391
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.6
160 44.9 36.3 54.5

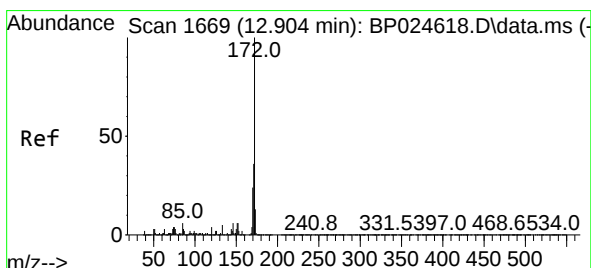
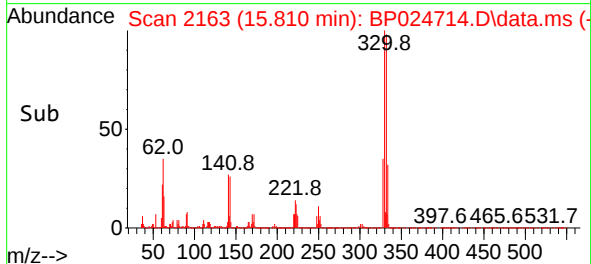
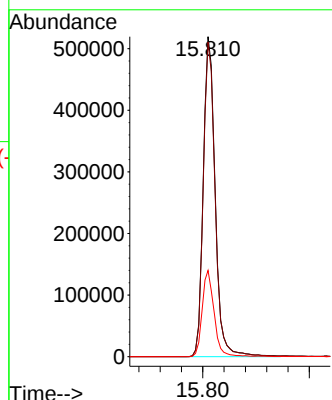
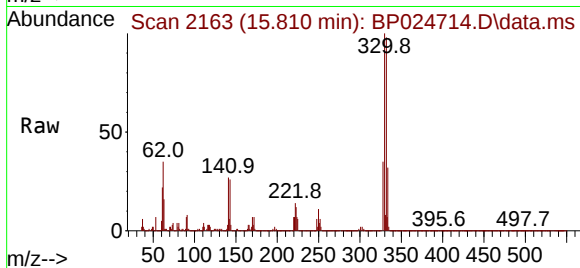




#42
2,4,6-Tribromophenol
Concen: 161.344 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

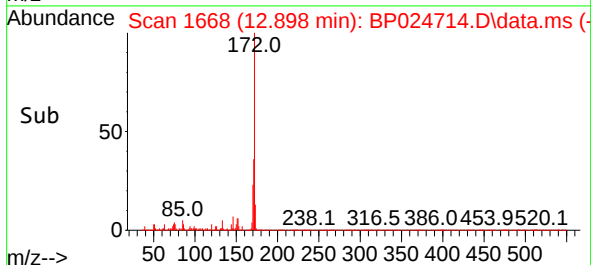
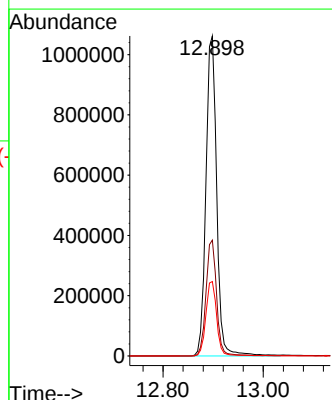
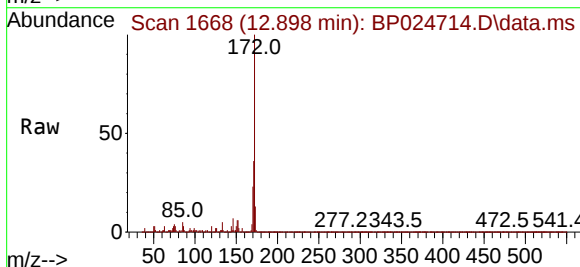
Instrument :
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ClientSampleId :
RW8-SP100-90-20250514

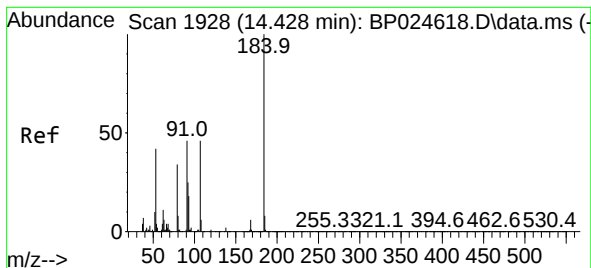
Tgt Ion: 330 Resp: 807969
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 26.9 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 70.340 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

Tgt Ion: 172 Resp: 1585933
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.2 18.8 28.2





#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.398 min Scan# 1923

Delta R.T. -0.030 min

Lab File: BP024714.D

Acq: 20 May 2025 19:21

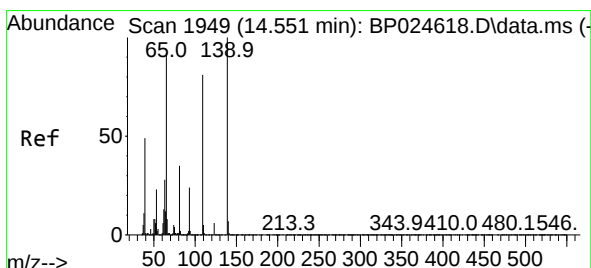
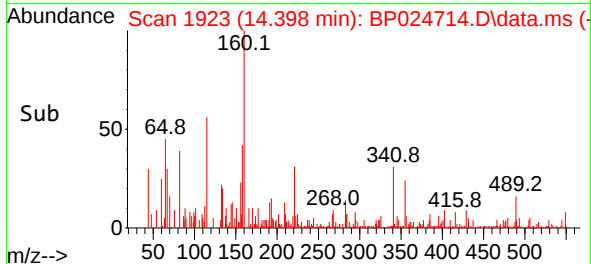
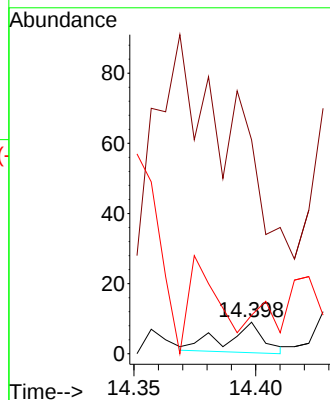
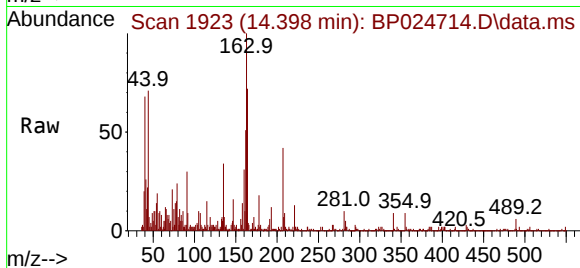
Instrument :

BNA_P

ClientSampleId :

RW8-SP100-90-20250514

Tgt Ion:184	Resp:	9
Ion	Ratio	Lower Upper
184	100	
63	677.8	51.3 76.9#
154	122.2	53.5 80.3#



#56

4-Nitrophenol

Concen: 4.240 ng

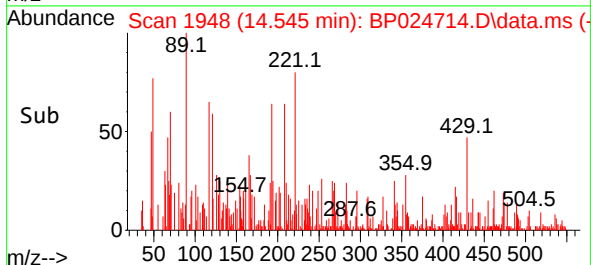
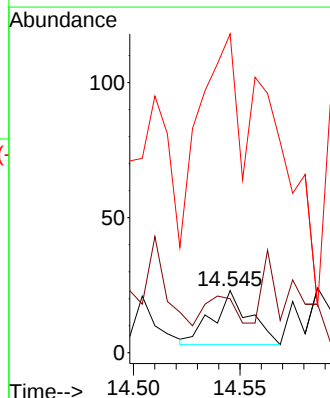
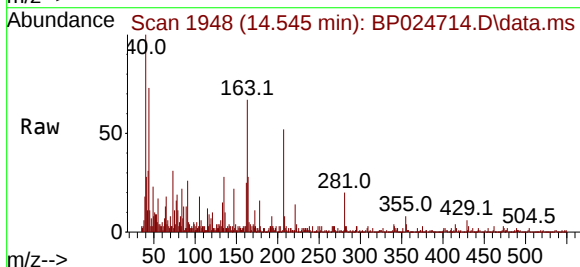
RT: 14.545 min Scan# 1948

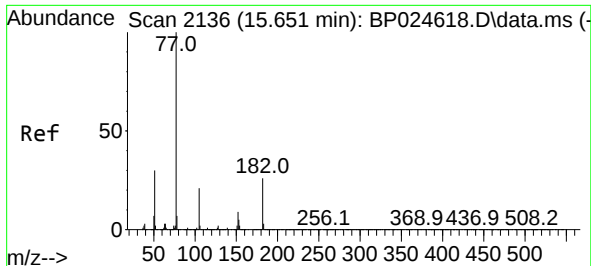
Delta R.T. -0.006 min

Lab File: BP024714.D

Acq: 20 May 2025 19:21

Tgt Ion:139	Resp:	24
Ion	Ratio	Lower Upper
139	100	
109	87.0	61.4 101.4
65	513.0	72.2 112.2#

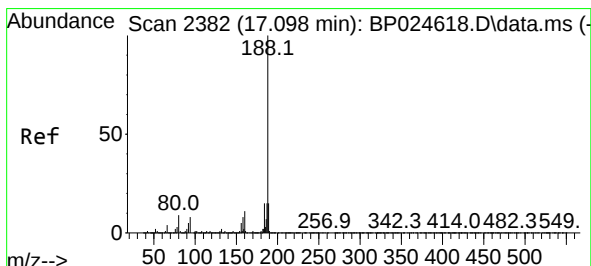
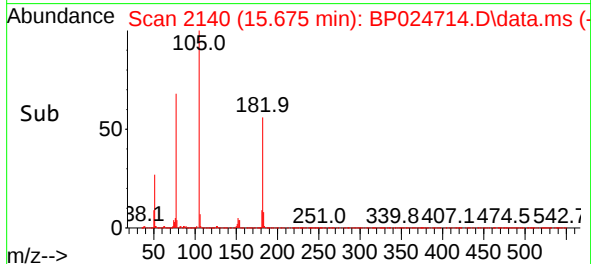
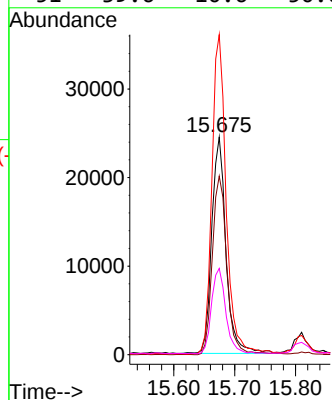
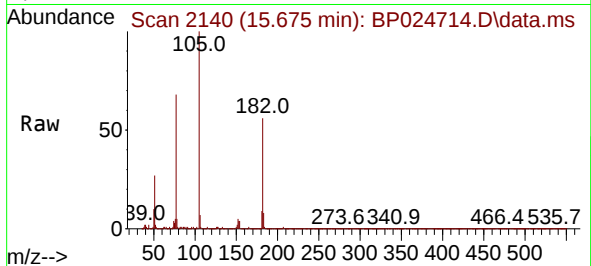




#63
Azobenzene
Concen: 2.040 ng
RT: 15.675 min Scan# 2136
Delta R.T. 0.023 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

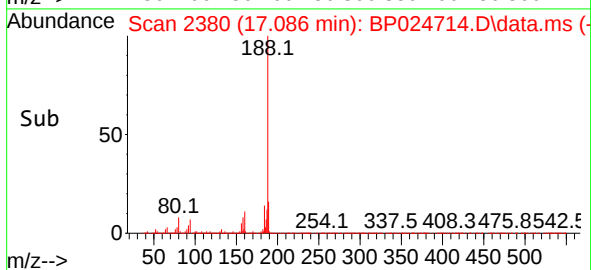
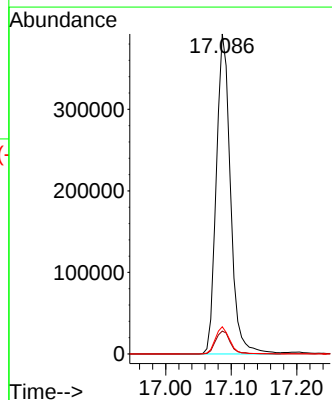
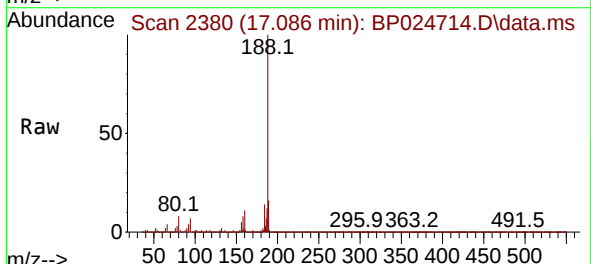
Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

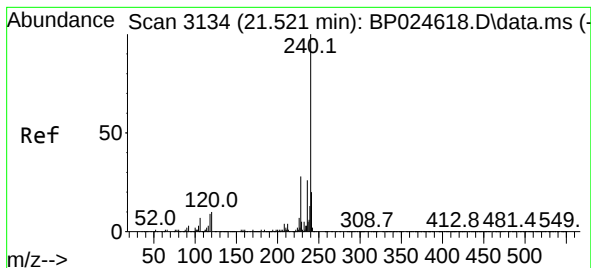
Tgt Ion: 77 Resp: 39714
Ion Ratio Lower Upper
77 100
182 82.1 5.7 45.7#
105 147.1 1.3 41.3#
51 39.6 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024714.D
Acq: 20 May 2025 19:21

Tgt Ion: 188 Resp: 588501
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.5 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024714.D

Acq: 20 May 2025 19:21

Instrument :

BNA_P

ClientSampleId :

RW8-SP100-90-20250514

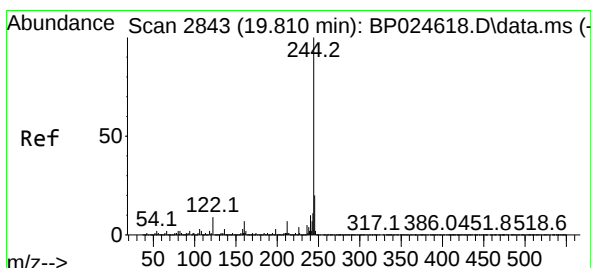
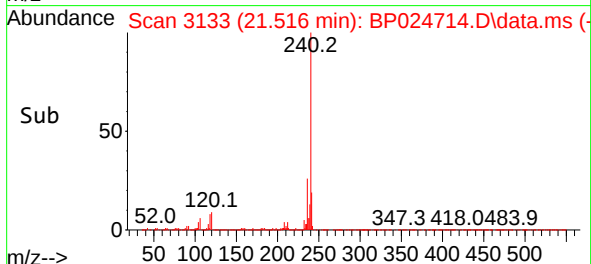
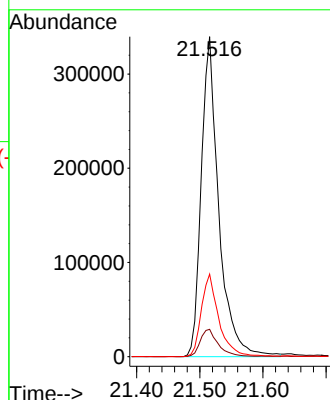
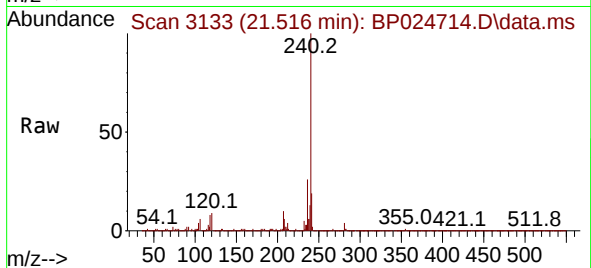
Tgt Ion:240 Resp: 654045

Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 97.029 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP024714.D

Acq: 20 May 2025 19:21

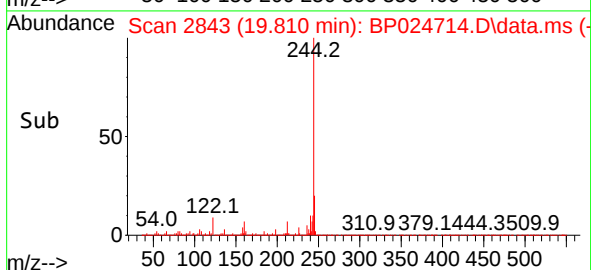
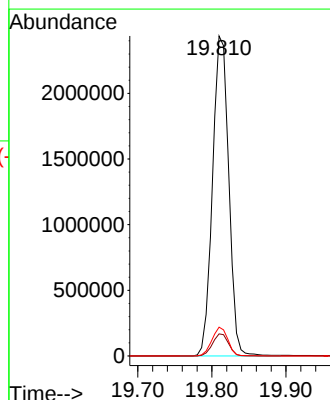
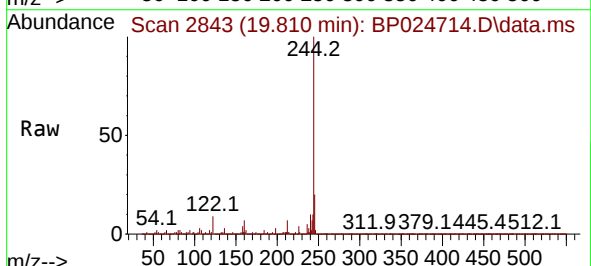
Tgt Ion:244 Resp: 3701032

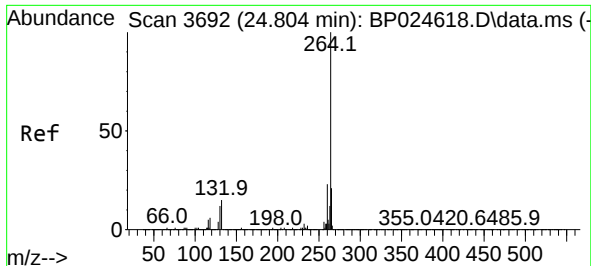
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.0 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BP024714.D
 Acq: 20 May 2025 19:21

Instrument :
 BNA_P
 ClientSampleId :
 RW8-SP100-90-20250514

Tgt Ion:264 Resp: 776769
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.9 17.0 25.6

