

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024712.D
 Acq On : 20 May 2025 17:59
 Operator : RC/JU
 Sample : Q2064-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RW8-SP100-70-20250514

Quant Time: May 20 18:32:35 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)

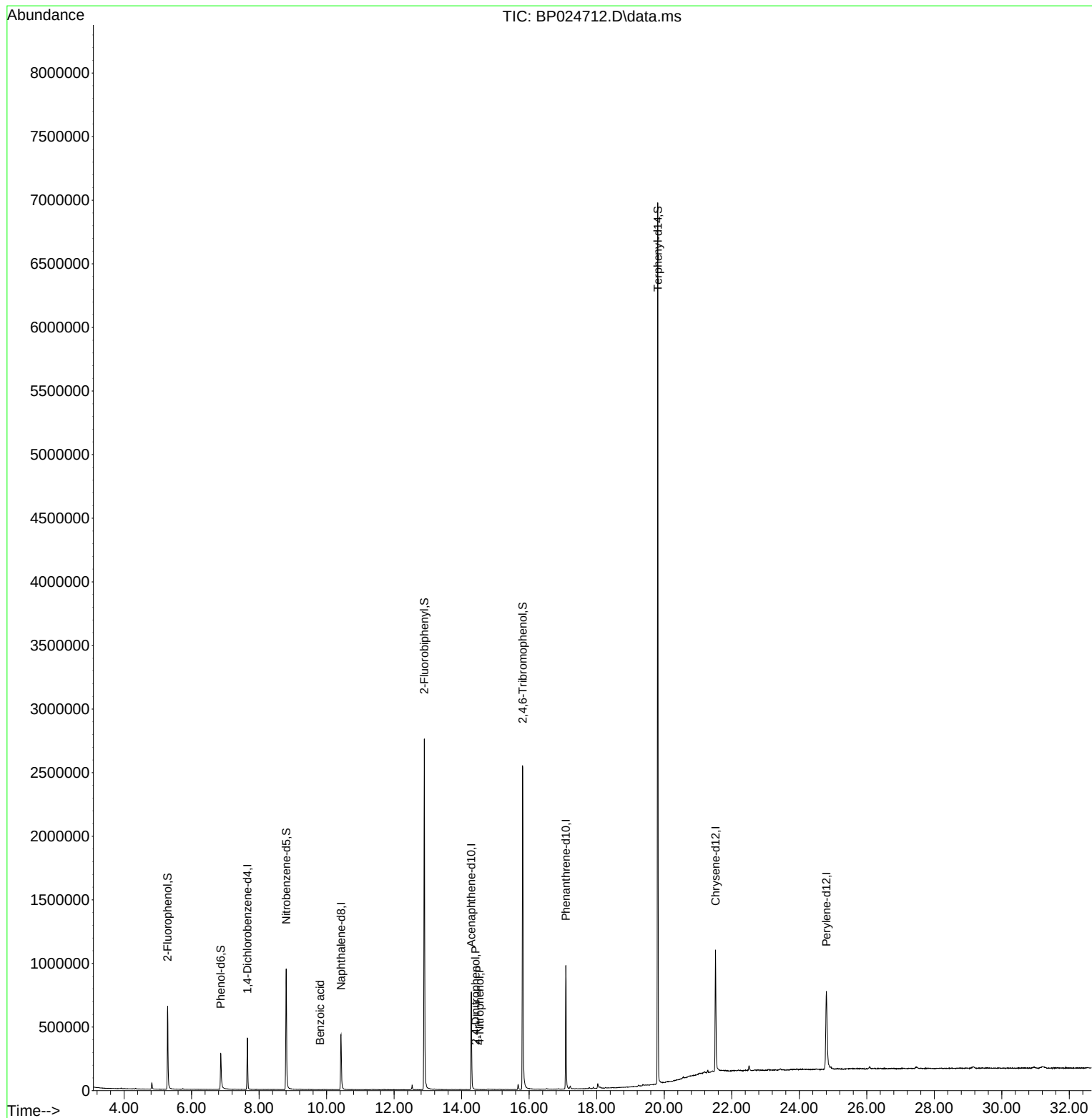
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	110969	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	419501	20.000	ng	0.00
39) Acenaphthene-d10	14.286	164	276589	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	582176	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	659261	20.000	ng	0.00
86) Perylene-d12	24.803	264	737654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	317059	48.868	ng	0.00
7) Phenol-d6	6.863	99	213887	25.830	ng	0.01
23) Nitrobenzene-d5	8.804	82	569405	68.582	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	700087	149.305	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1500457	71.072	ng	-0.01
79) Terphenyl-d14	19.810	244	3203310	83.316	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.804	122	58	7.479	ng	# 52
54) 2,4-Dinitrophenol	14.416	184	9	6.404	ng	92
56) 4-Nitrophenol	14.533	139	19	4.239	ng	# 33

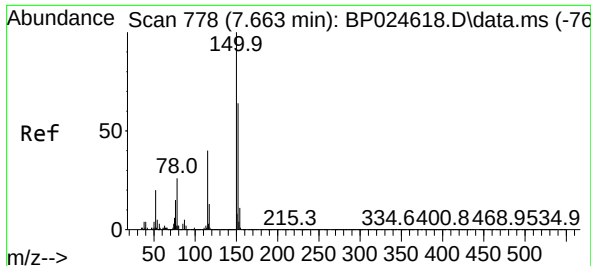
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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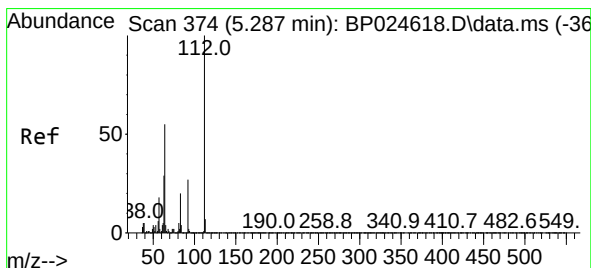
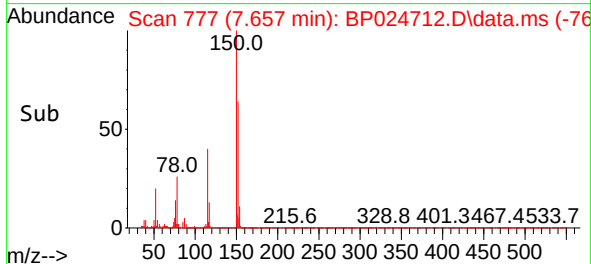
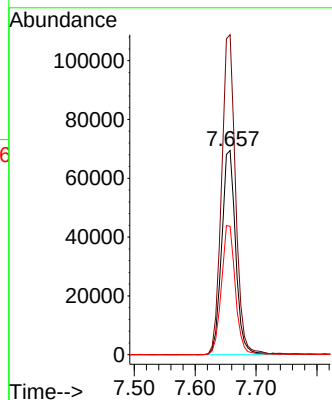
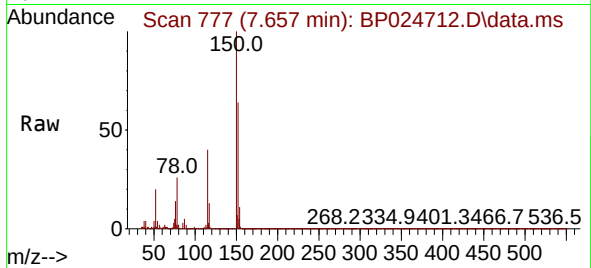




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024712.D
Acq: 20 May 2025 17:59

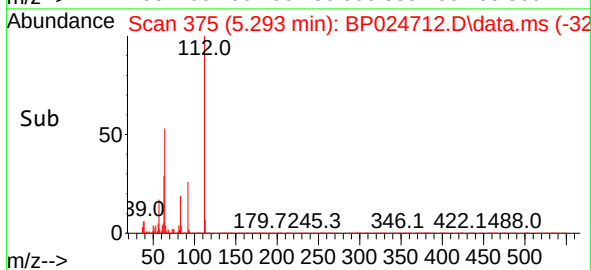
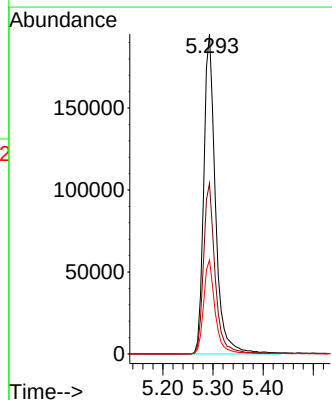
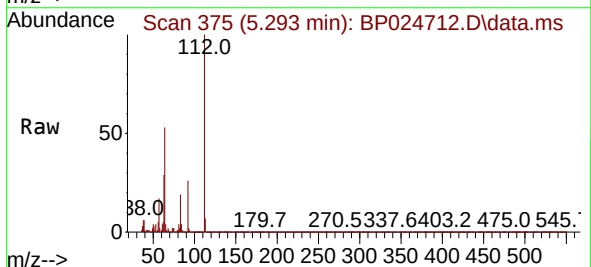
Instrument :
BNA_P
ClientSampleId :
RW8-SP100-70-20250514

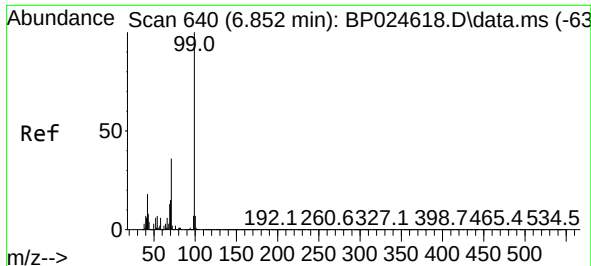
Tgt Ion:152 Resp: 110969
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 62.9 50.1 75.1



#5
2-Fluorophenol
Concen: 48.868 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024712.D
Acq: 20 May 2025 17:59

Tgt Ion:112 Resp: 317059
Ion Ratio Lower Upper
112 100
64 53.4 44.1 66.1
63 29.3 23.5 35.3

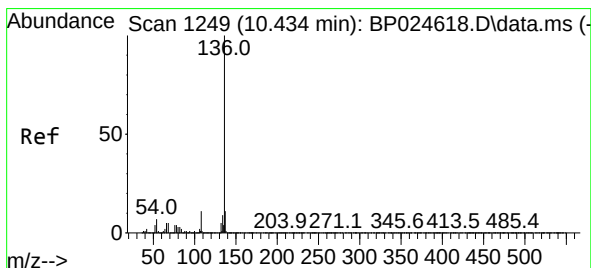
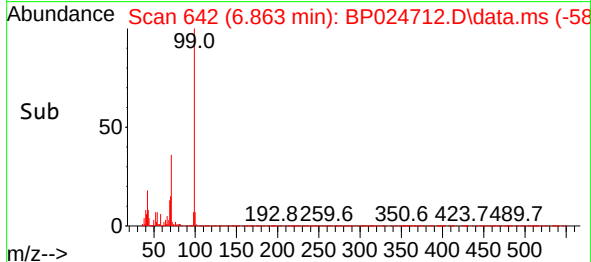
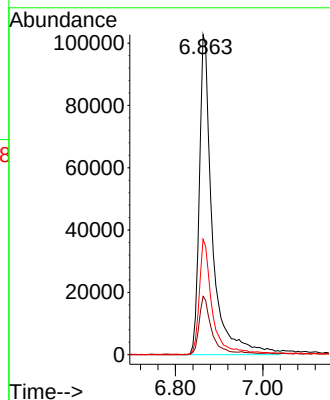
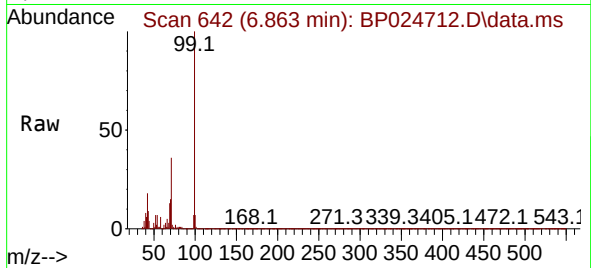




#7
Phenol-d6
Concen: 25.830 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024712.D
Acq: 20 May 2025 17:59

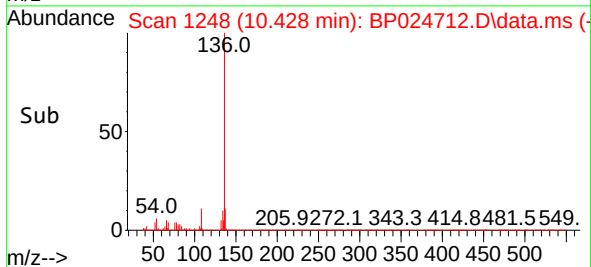
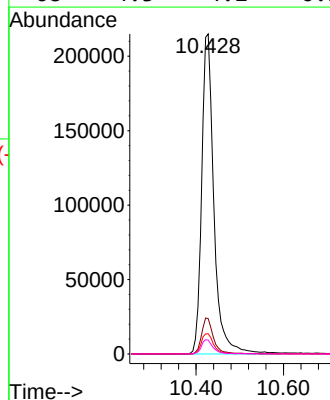
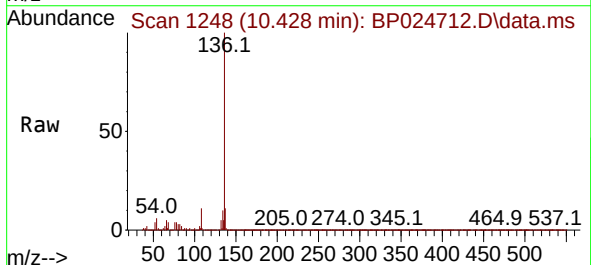
Instrument :
BNA_P
ClientSampleId :
RW8-SP100-70-20250514

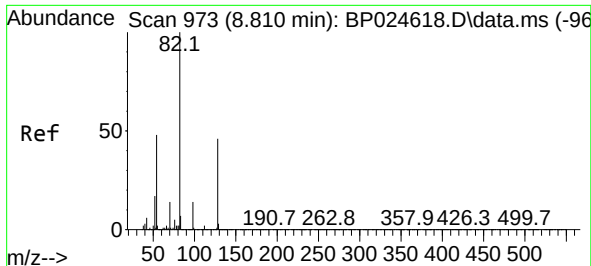
Tgt Ion: 99 Resp: 213887
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 36.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024712.D
Acq: 20 May 2025 17:59

Tgt Ion: 136 Resp: 419501
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.3 5.5 8.3
68 4.3 4.2 6.2

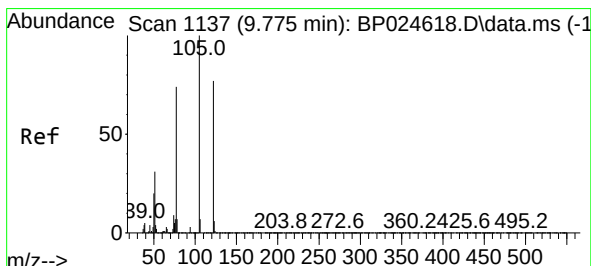
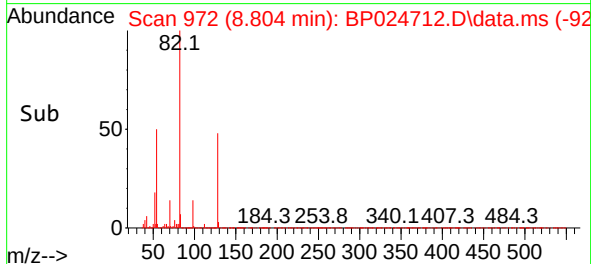
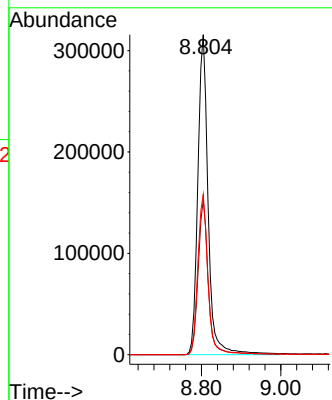
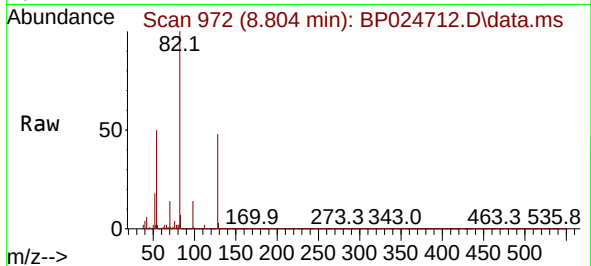




#23
Nitrobenzene-d5
Concen: 68.582 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024712.D
Acq: 20 May 2025 17:59

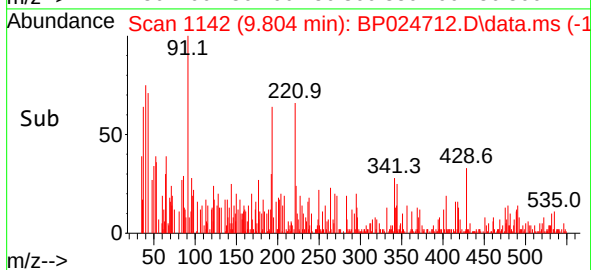
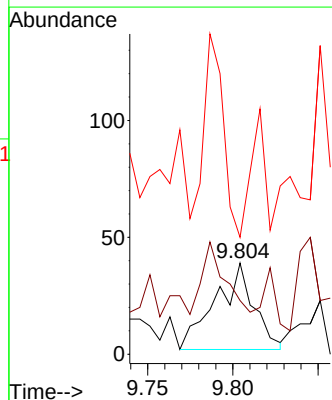
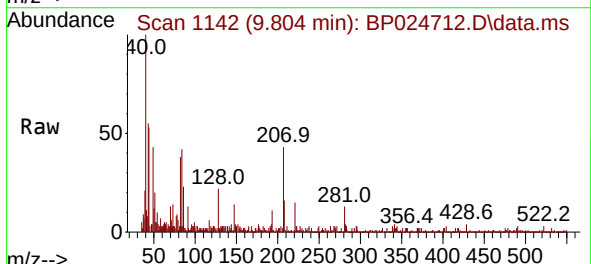
Instrument :
BNA_P
ClientSampleId :
RW8-SP100-70-20250514

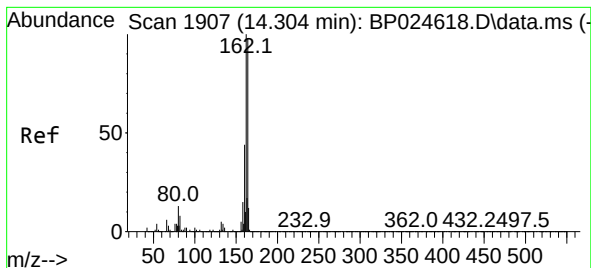
Tgt Ion: 82 Resp: 569405
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 50.1 38.7 58.1



#32
Benzoic acid
Concen: 7.479 ng
RT: 9.804 min Scan# 1142
Delta R.T. 0.029 min
Lab File: BP024712.D
Acq: 20 May 2025 17:59

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 59.0 106.9 146.9#
77 128.2 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.286 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024712.D

Acq: 20 May 2025 17:59

Instrument :

BNA_P

ClientSampleId :

RW8-SP100-70-20250514

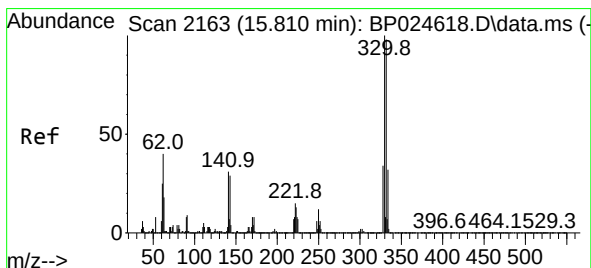
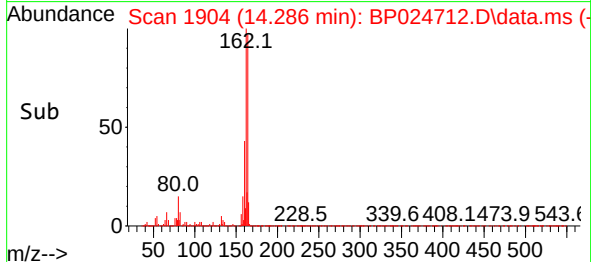
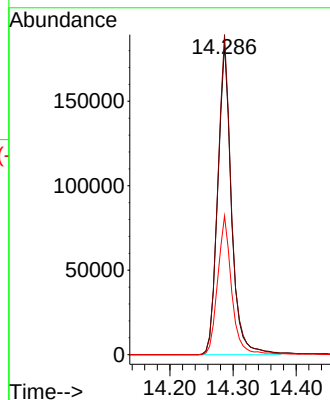
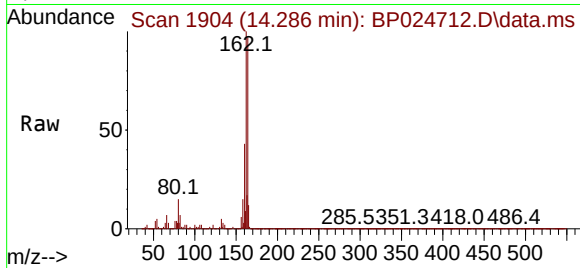
Tgt Ion:164 Resp: 276589

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 44.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 149.305 ng

RT: 15.810 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BP024712.D

Acq: 20 May 2025 17:59

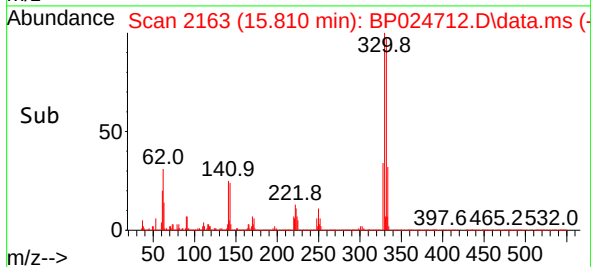
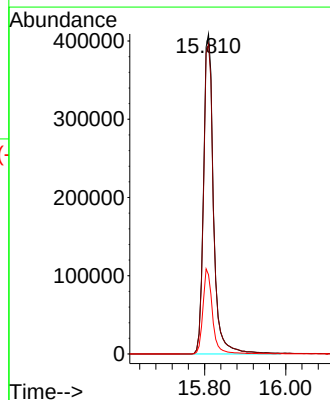
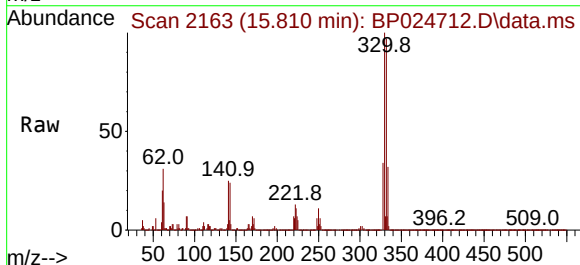
Tgt Ion:330 Resp: 700087

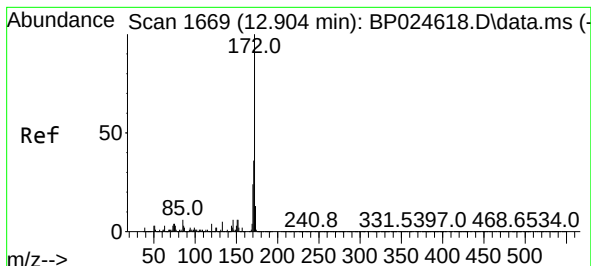
Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

141 25.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 71.072 ng

RT: 12.892 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024712.D

Acq: 20 May 2025 17:59

Instrument :

BNA_P

ClientSampleId :

RW8-SP100-70-20250514

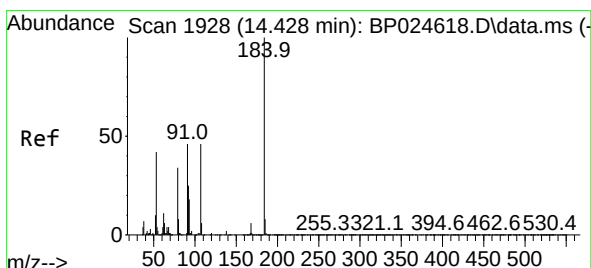
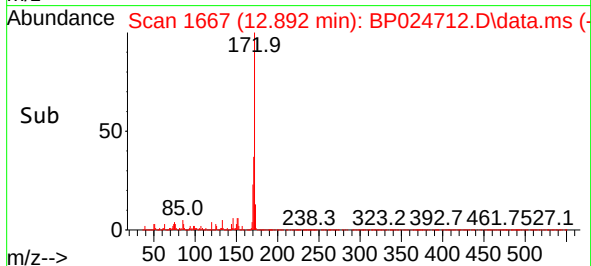
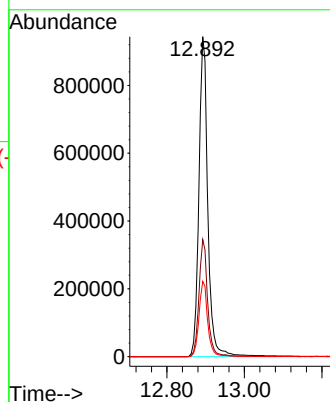
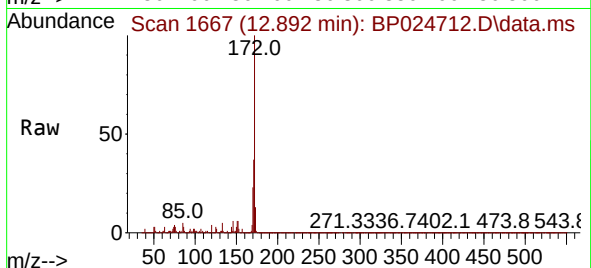
Tgt Ion:172 Resp: 1500457

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.416 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BP024712.D

Acq: 20 May 2025 17:59

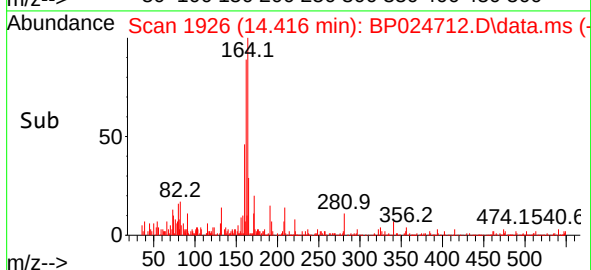
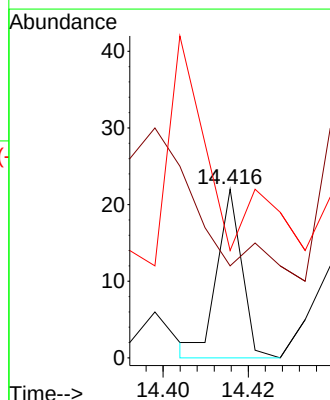
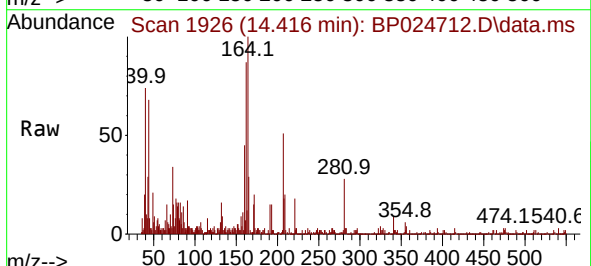
Tgt Ion:184 Resp: 9

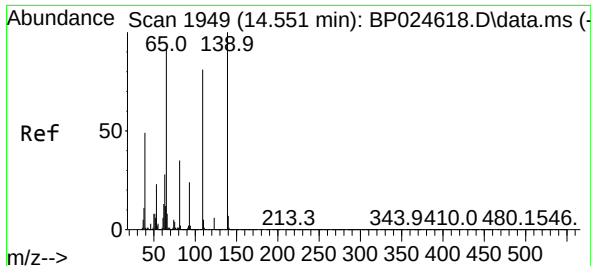
Ion Ratio Lower Upper

184 100

63 54.5 51.3 76.9

154 63.6 53.5 80.3

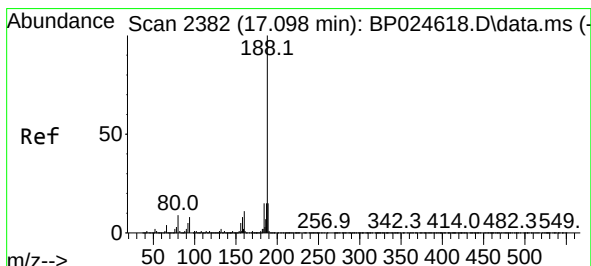
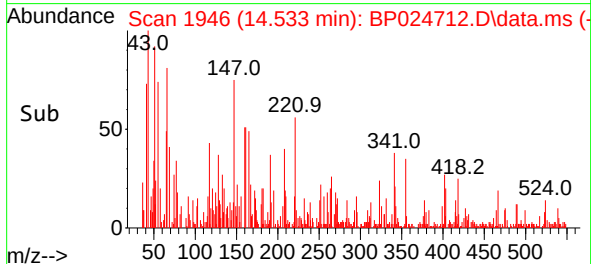
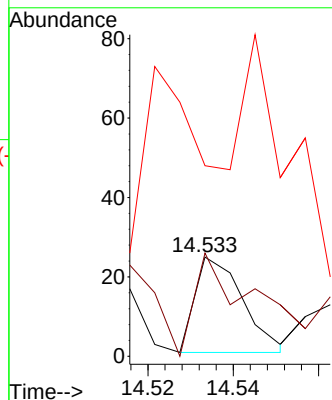
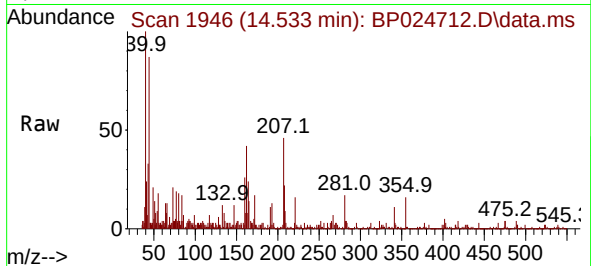




#56
4-Nitrophenol
Concen: 4.239 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.018 min
Lab File: BP024712.D
Acq: 20 May 2025 17:59

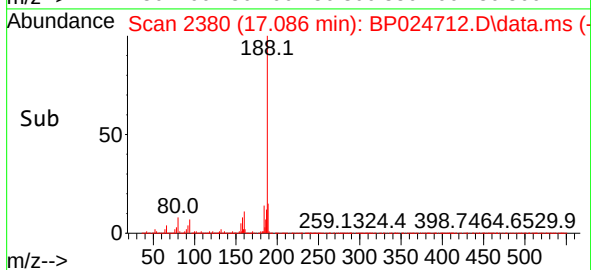
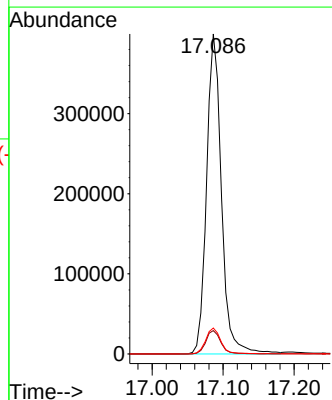
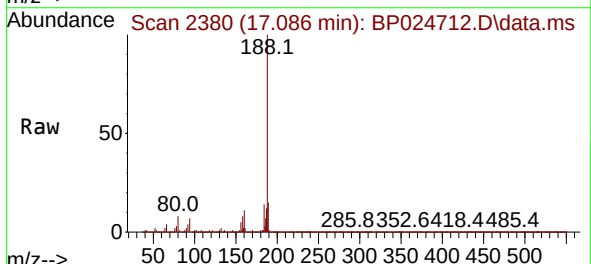
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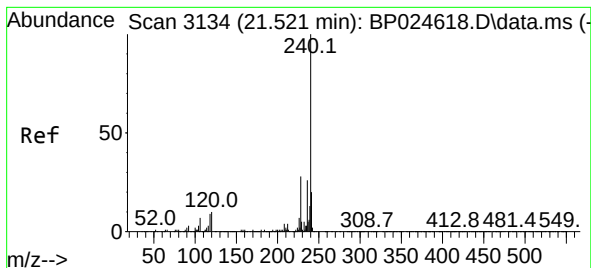
Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 104.0 61.4 101.4#
65 192.0 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024712.D
Acq: 20 May 2025 17:59

Tgt Ion:188 Resp: 582176
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.1 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024712.D

Acq: 20 May 2025 17:59

Instrument :

BNA_P

ClientSampleId :

RW8-SP100-70-20250514

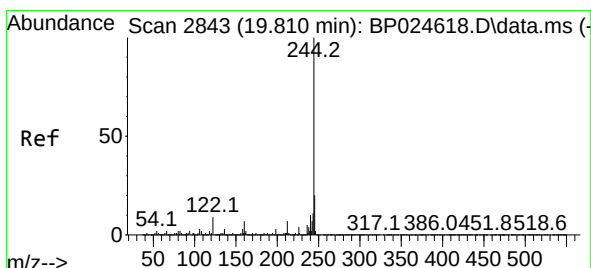
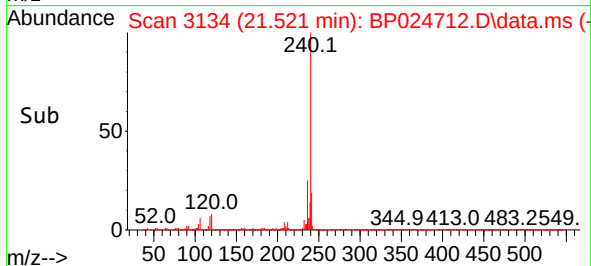
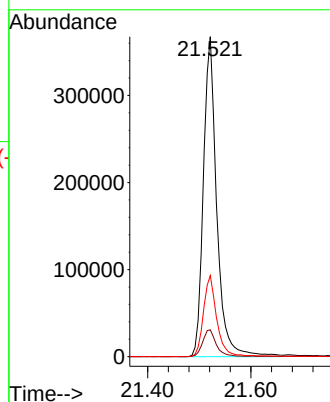
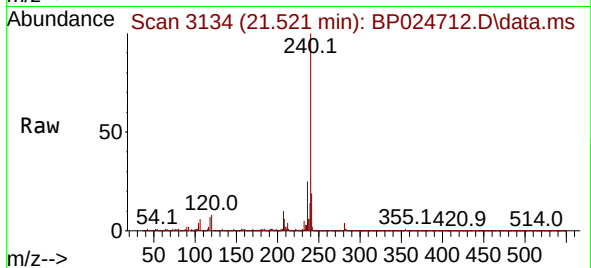
Tgt Ion:240 Resp: 659261

Ion Ratio Lower Upper

240 100

120 8.4 7.8 11.6

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 83.316 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP024712.D

Acq: 20 May 2025 17:59

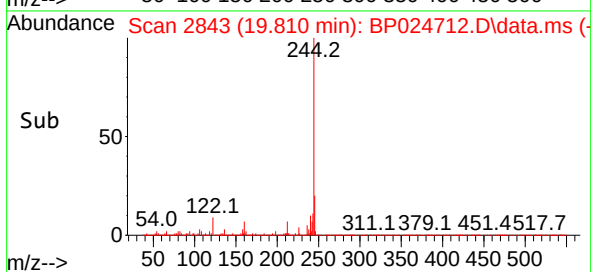
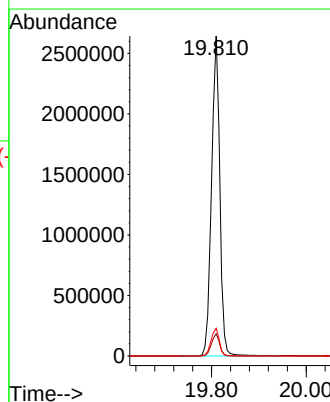
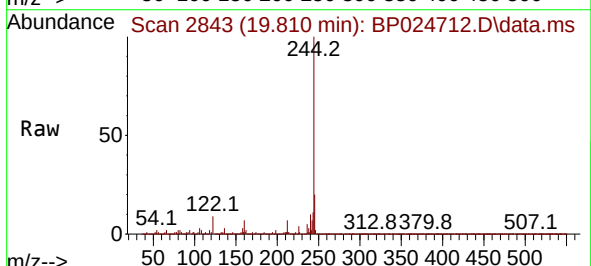
Tgt Ion:244 Resp: 3203310

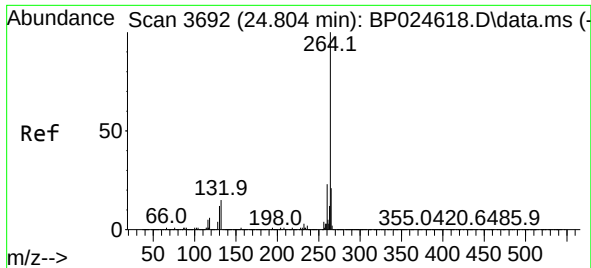
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.6 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.803 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BP024712.D
 Acq: 20 May 2025 17:59

Instrument :
 BNA_P
 ClientSampleId :
 RW8-SP100-70-20250514

Tgt Ion:264 Resp: 737654
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 22.3 17.0 25.6

