

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024528.D
 Acq On : 05 May 2025 16:45
 Operator : RC/JU
 Sample : Q1935-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-NN

Quant Time: May 05 18:20:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

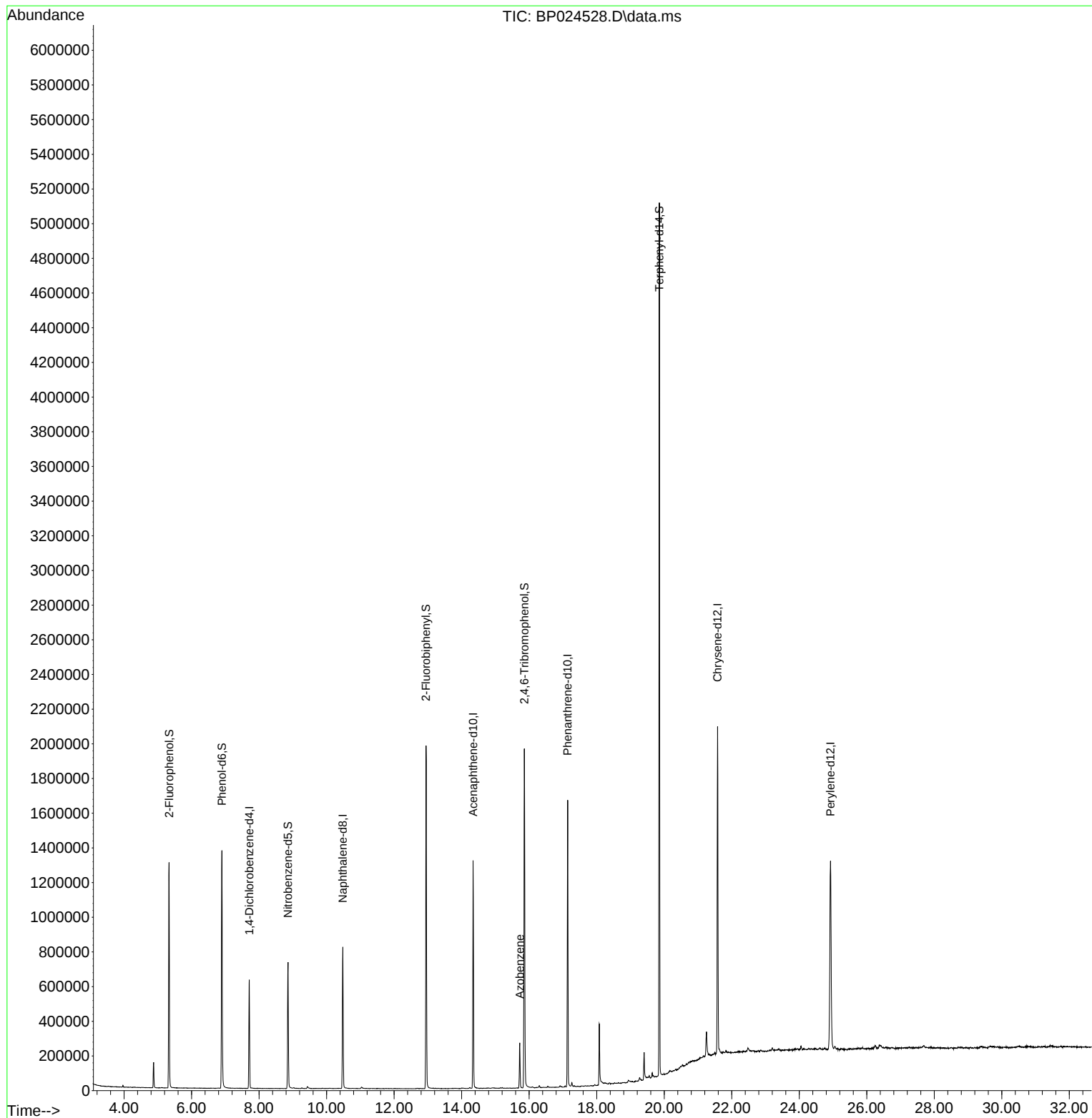
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	166778	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	682204	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	431241	20.000	ng	-0.01
64) Phenanthrene-d10	17.140	188	931684	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1052138	20.000	ng	-0.01
86) Perylene-d12	24.927	264	1155802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	575824	57.088	ng	-0.01
7) Phenol-d6	6.899	99	839718	60.799	ng	-0.01
23) Nitrobenzene-d5	8.858	82	422239	35.292	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	479336	80.339	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1032032	36.642	ng	-0.02
79) Terphenyl-d14	19.857	244	2311273	44.278	ng	-0.02
Target Compounds						
63) Azobenzene	15.722	77	76806	2.586	ng	# 1

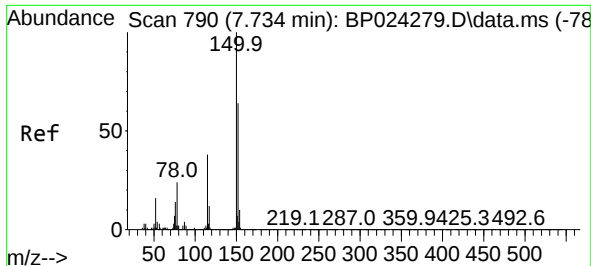
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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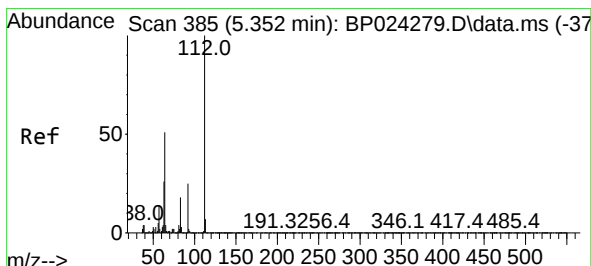
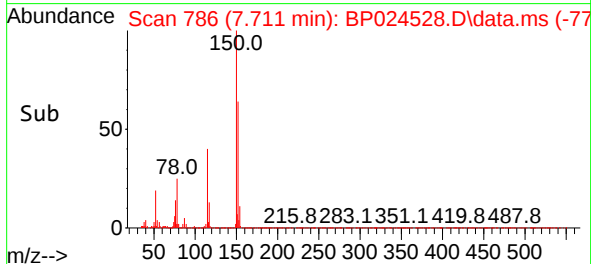
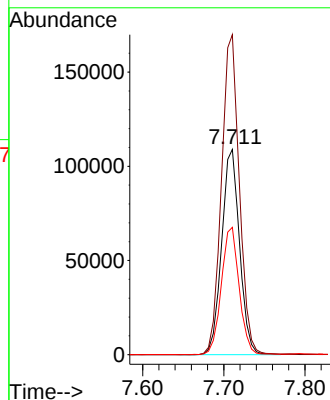
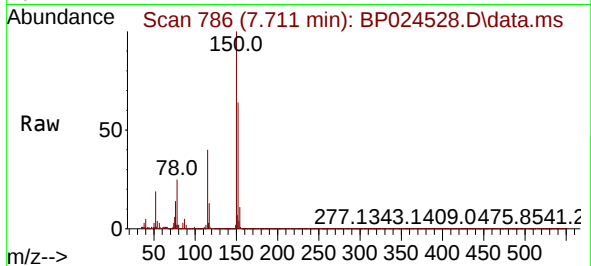




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.711 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BP024528.D
 Acq: 05 May 2025 16:45

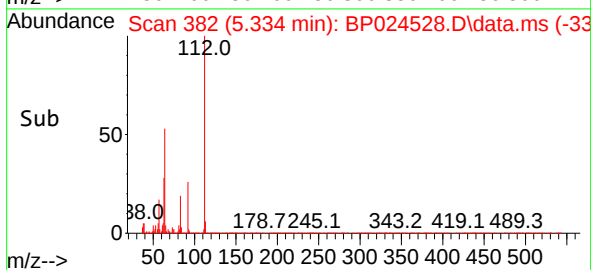
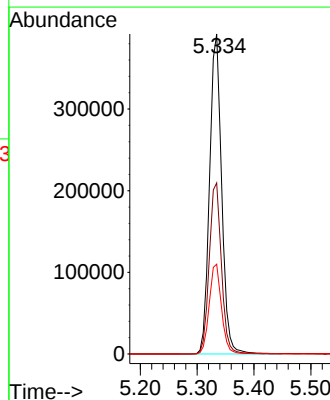
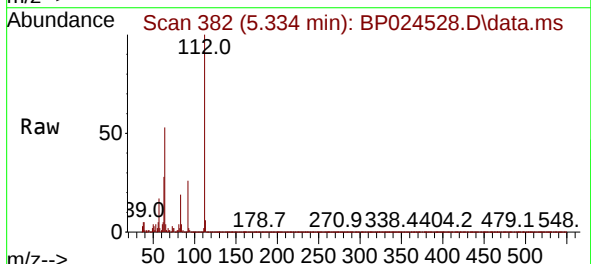
Instrument :
 BNA_P
 ClientSampleId :
 MH-NN

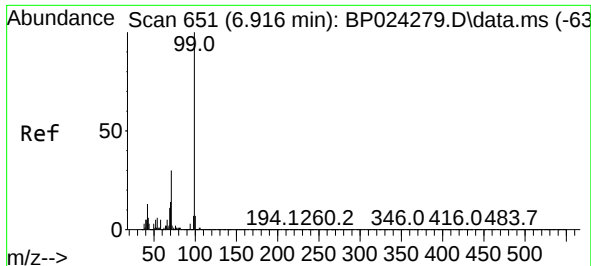
Tgt Ion:152 Resp: 166778
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 62.0 47.7 71.5



#5
 2-Fluorophenol
 Concen: 57.088 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024528.D
 Acq: 05 May 2025 16:45

Tgt Ion:112 Resp: 575824
 Ion Ratio Lower Upper
 112 100
 64 53.5 41.1 61.7
 63 28.0 20.6 30.8

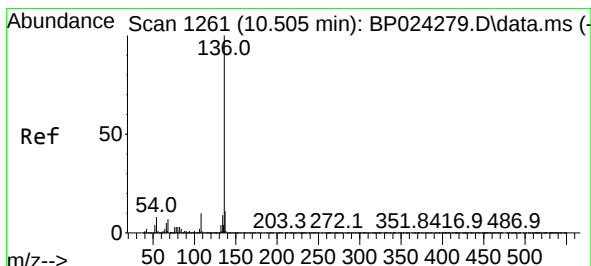
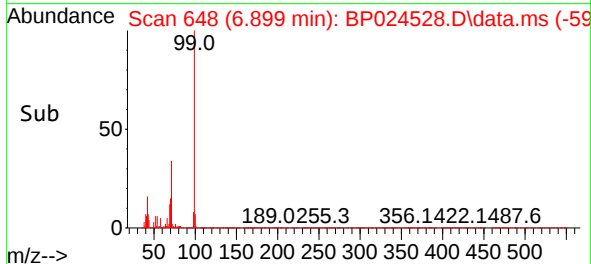
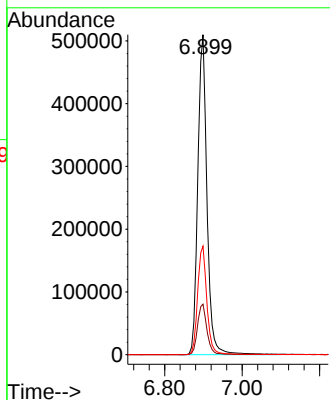
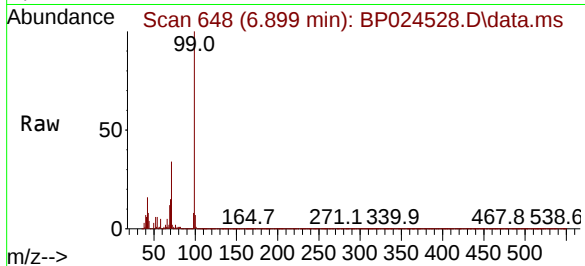




#7
Phenol-d6
Concen: 60.799 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024528.D
Acq: 05 May 2025 16:45

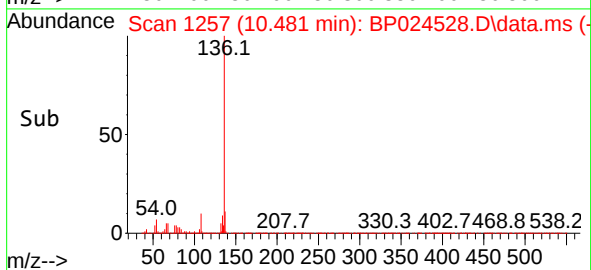
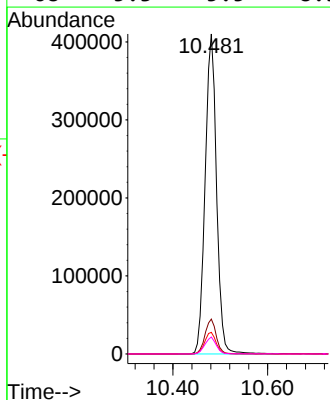
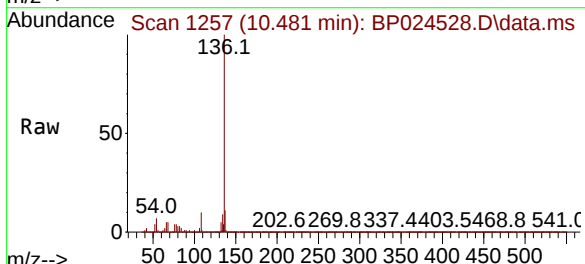
Instrument :
BNA_P
ClientSampleId :
MH-NN

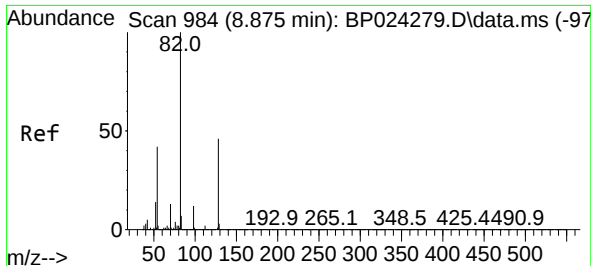
Tgt Ion: 99 Resp: 839718
Ion Ratio Lower Upper
99 100
42 15.8 10.6 16.0
71 33.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.017 min
Lab File: BP024528.D
Acq: 05 May 2025 16:45

Tgt Ion:136 Resp: 682204
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.7 6.0 9.0
68 5.3 5.5 8.3#

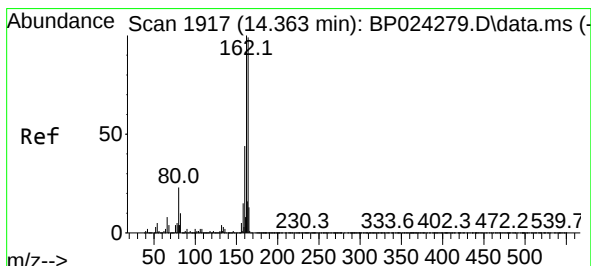
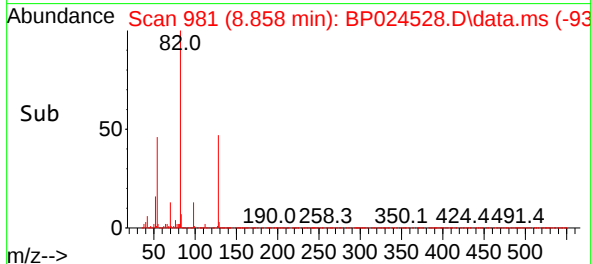
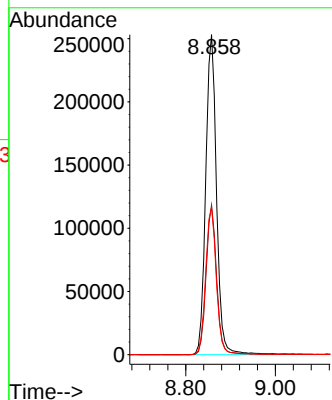
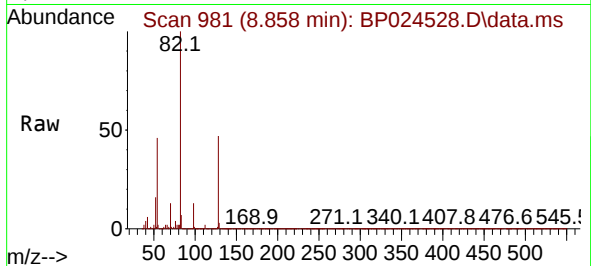




#23
 Nitrobenzene-d5
 Concen: 35.292 ng
 RT: 8.858 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP024528.D
 Acq: 05 May 2025 16:45

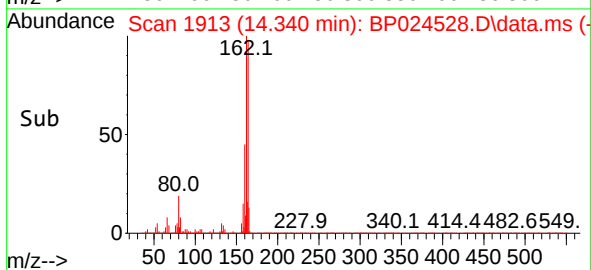
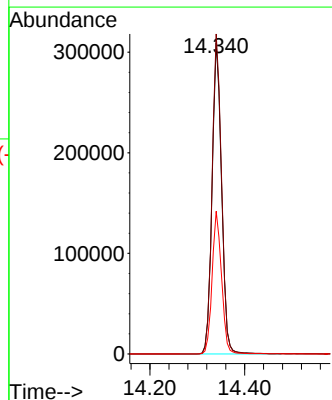
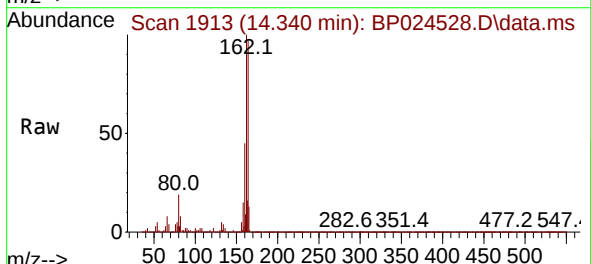
Instrument :
 BNA_P
 ClientSampleId :
 MH-NN

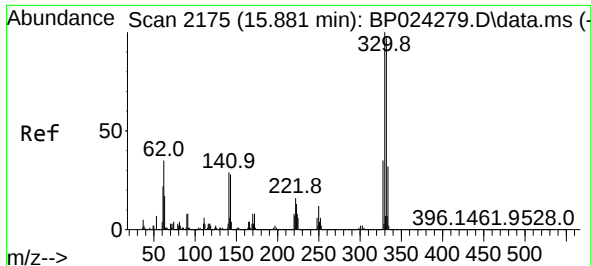
Tgt Ion: 82 Resp: 422239
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.5 54.7
 54 46.0 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.340 min Scan# 1913
 Delta R.T. -0.012 min
 Lab File: BP024528.D
 Acq: 05 May 2025 16:45

Tgt Ion: 164 Resp: 431241
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.6 120.8
 160 45.8 35.3 52.9

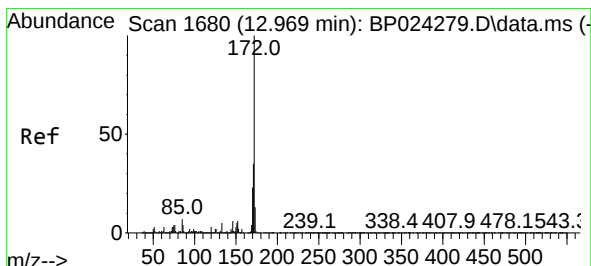
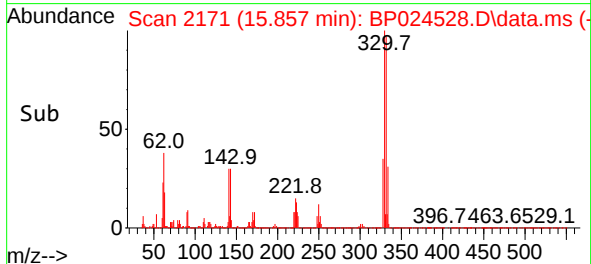
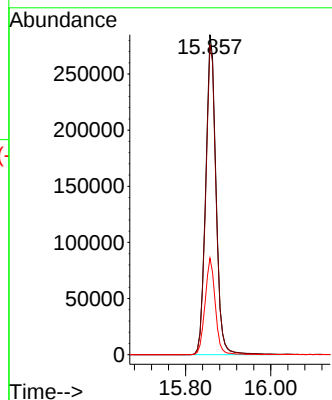
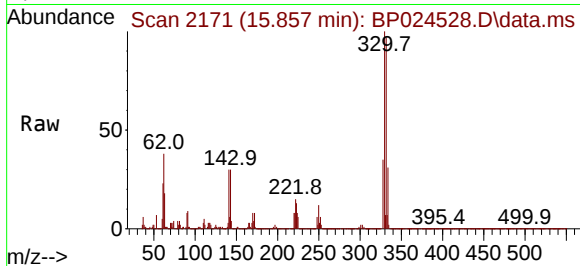




#42
2,4,6-Tribromophenol
Concen: 80.339 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024528.D
Acq: 05 May 2025 16:45

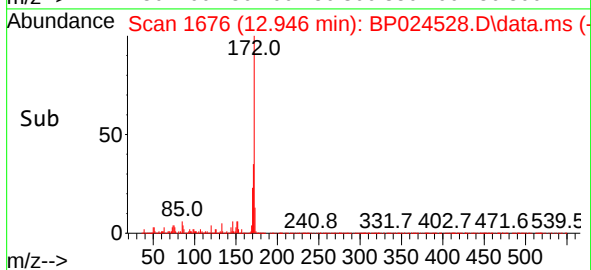
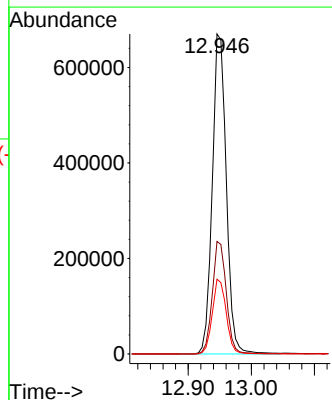
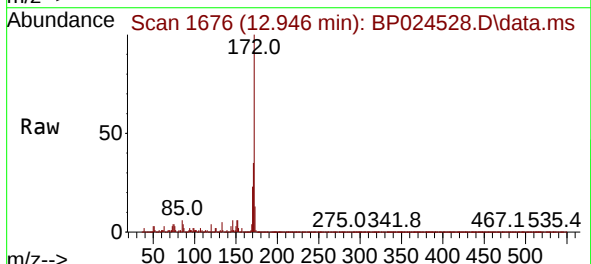
Instrument :
BNA_P
ClientSampleId :
MH-NN

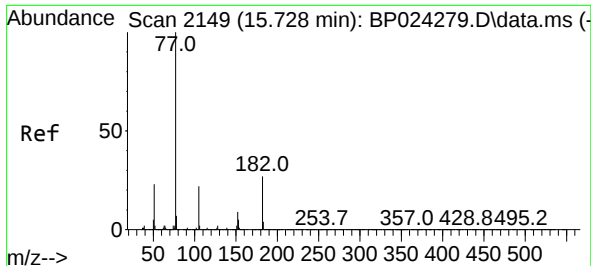
Tgt Ion:330 Resp: 479336
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 36.642 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.017 min
Lab File: BP024528.D
Acq: 05 May 2025 16:45

Tgt Ion:172 Resp: 1032032
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.3 18.6 27.8

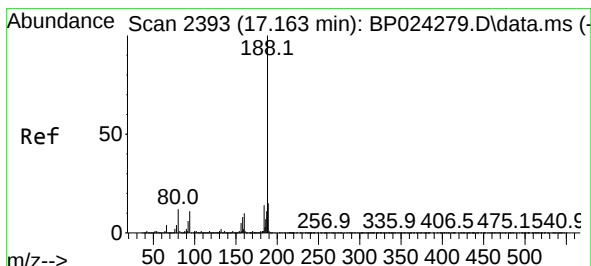
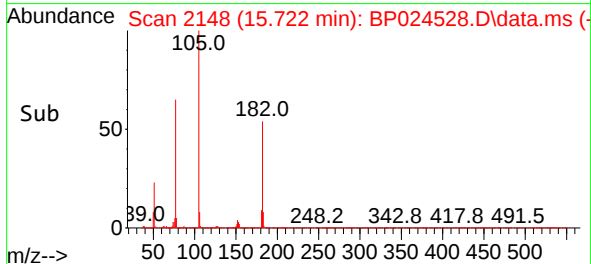
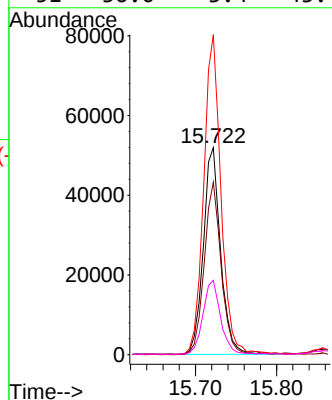
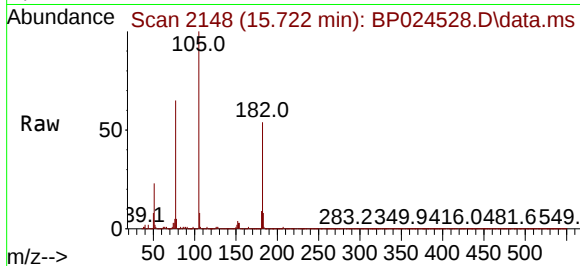




#63
Azobenzene
Concen: 2.586 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024528.D
Acq: 05 May 2025 16:45

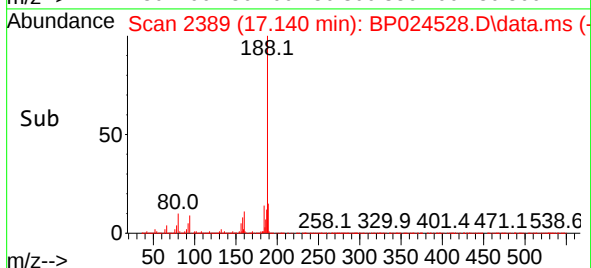
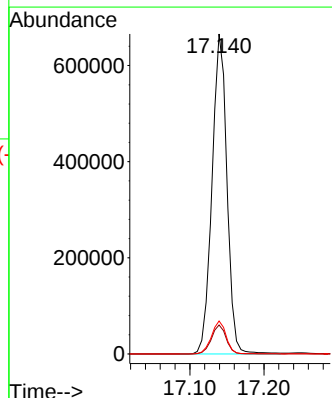
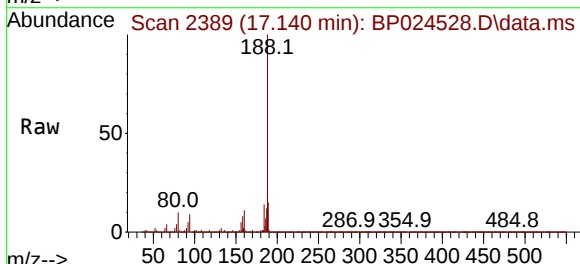
Instrument :
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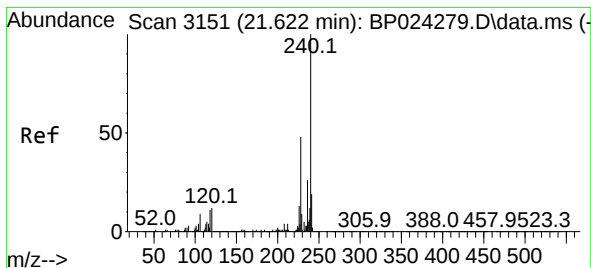
Tgt Ion: 77	Resp: 76806
Ion Ratio	Lower Upper
77 100	
182 83.4	7.3 47.3#
105 154.6	2.3 42.3#
51 36.0	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024528.D
Acq: 05 May 2025 16:45

Tgt Ion: 188	Resp: 931684
Ion Ratio	Lower Upper
188 100	
94 9.1	8.6 13.0
80 10.3	9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024528.D

Acq: 05 May 2025 16:45

Instrument :

BNA_P

ClientSampleId :

MH-NN

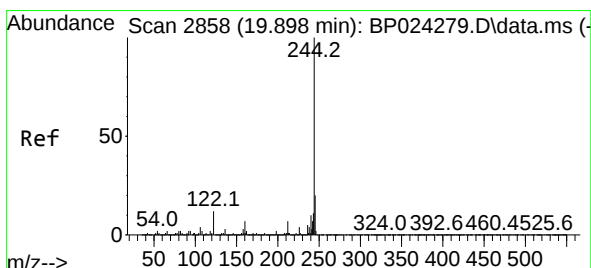
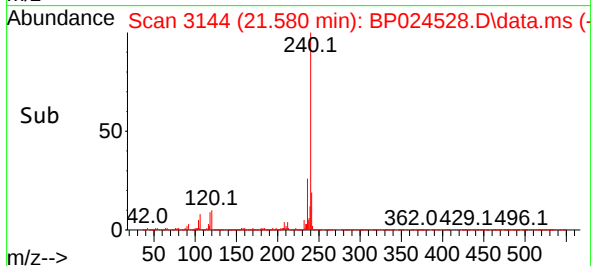
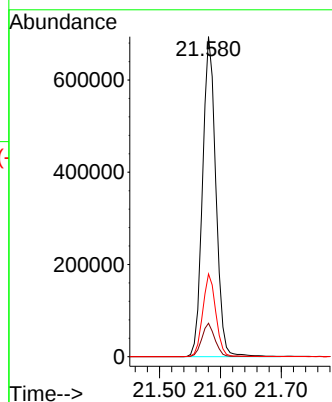
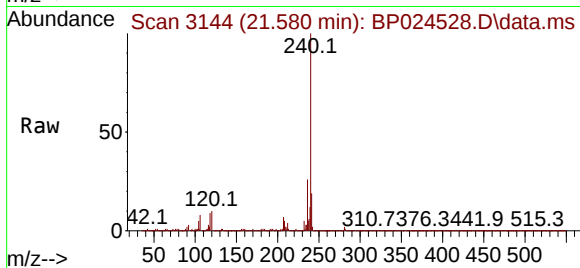
Tgt Ion:240 Resp: 1052138

Ion Ratio Lower Upper

240 100

120 10.4 9.8 14.8

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 44.278 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.017 min

Lab File: BP024528.D

Acq: 05 May 2025 16:45

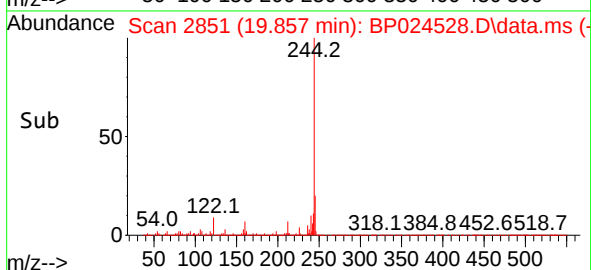
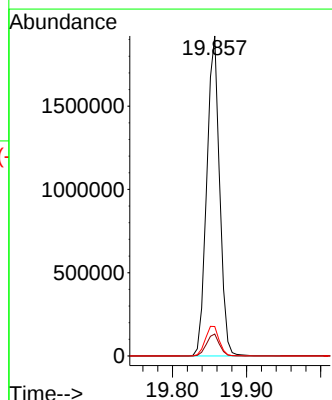
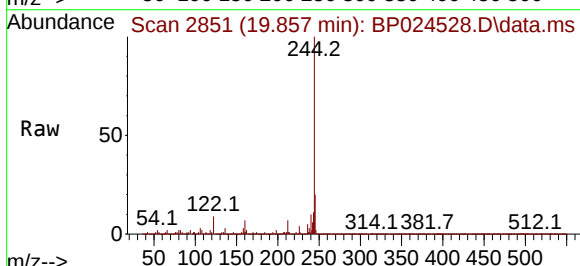
Tgt Ion:244 Resp: 2311273

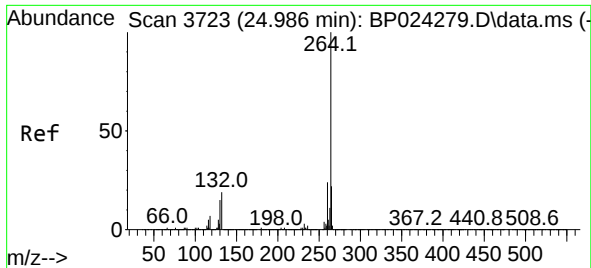
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.2 9.4 14.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.927 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP024528.D
 Acq: 05 May 2025 16:45

Instrument :
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Tgt Ion:264 Resp: 1155802
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.6 17.8 26.6

