

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024838.D
 Acq On : 29 May 2025 21:10
 Operator : RC/JU
 Sample : Q2137-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0151

Quant Time: May 30 03:33:31 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)

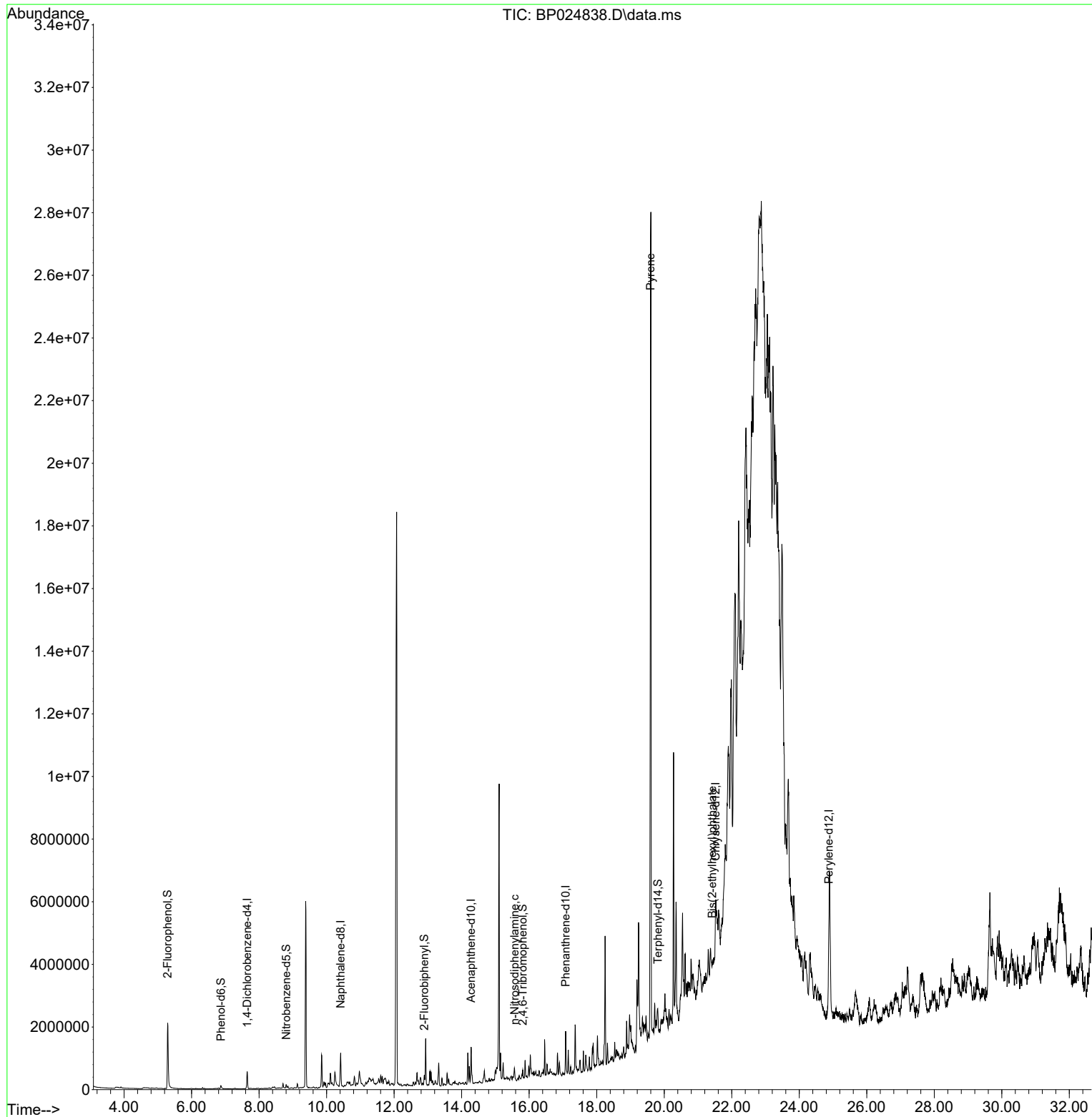
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	157501	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	644607	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	408659	20.000	ng	0.00
64) Phenanthrene-d10	17.081	188	761744	20.000	ng	0.02
76) Chrysene-d12	21.522	240	816949	20.000	ng	0.03
86) Perylene-d12	24.874	264	1146699	20.000	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	61942	6.727	ng	0.01
7) Phenol-d6	6.869	99	83431	7.099	ng	0.02
23) Nitrobenzene-d5	8.805	82	50875	3.988	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	64846	9.360	ng	0.02
45) 2-Fluorobiphenyl	12.893	172	166228	5.329	ng	0.01
79) Terphenyl-d14	19.810	244	272615	5.722	ng	0.02
Target Compounds						
66) n-Nitrosodiphenylamine	15.569	169	76048	3.250	ng	99
78) Pyrene	19.598	202	134939	2.757	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.422	149	76951	2.405	ng	# 78

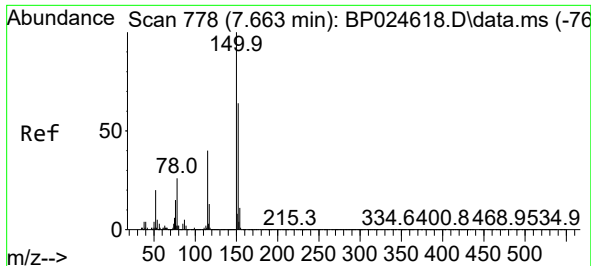
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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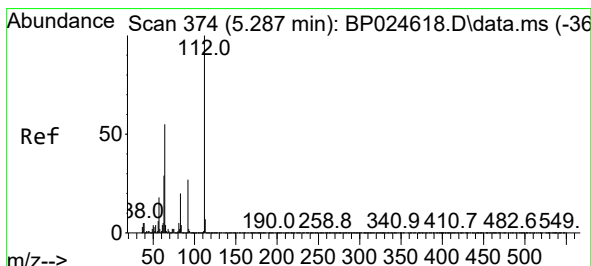
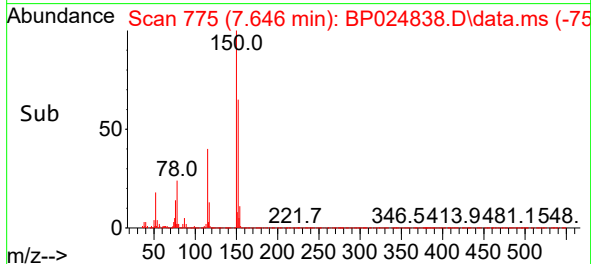
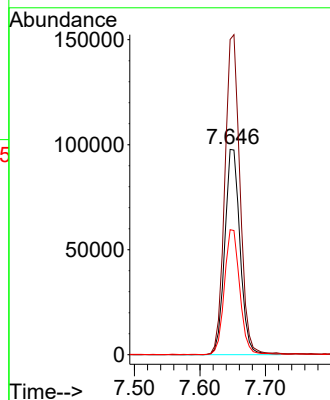
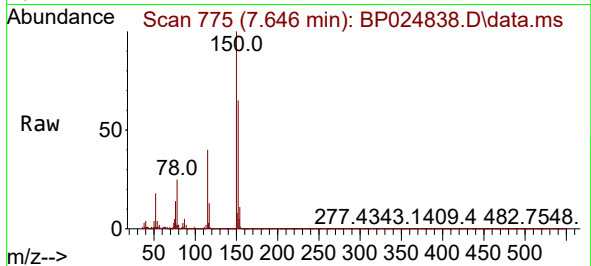




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

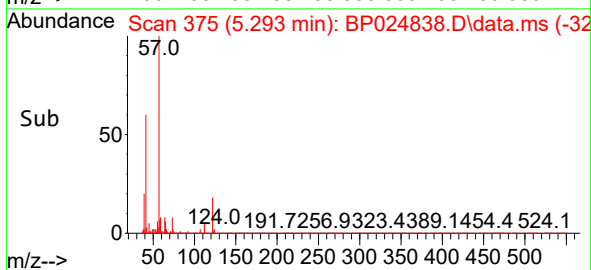
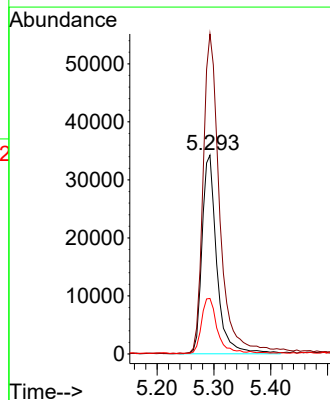
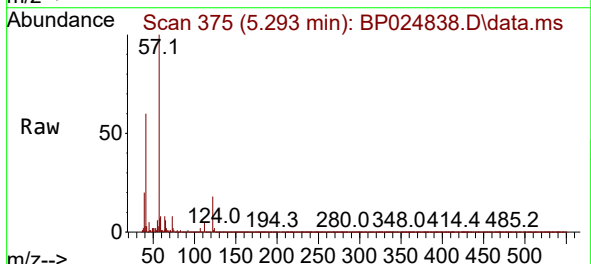
Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

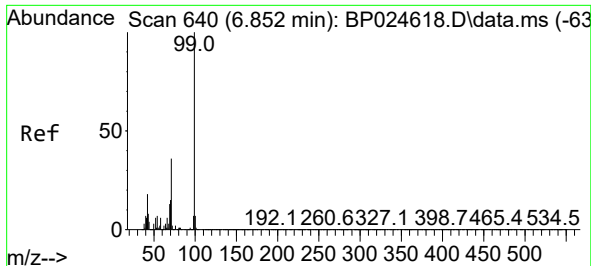
Tgt Ion:152 Resp: 157501
Ion Ratio Lower Upper
152 100
150 153.5 125.9 188.9
115 60.9 50.1 75.1



#5
2-Fluorophenol
Concen: 6.727 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.012 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

Tgt Ion:112 Resp: 61942
Ion Ratio Lower Upper
112 100
64 161.0 44.1 66.1#
63 27.9 23.5 35.3

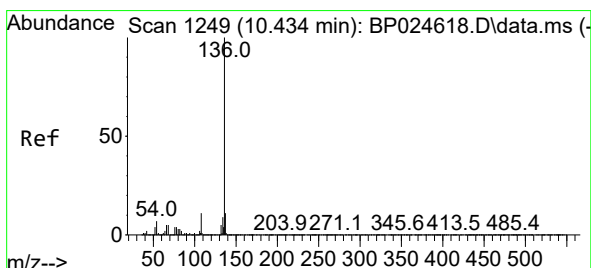
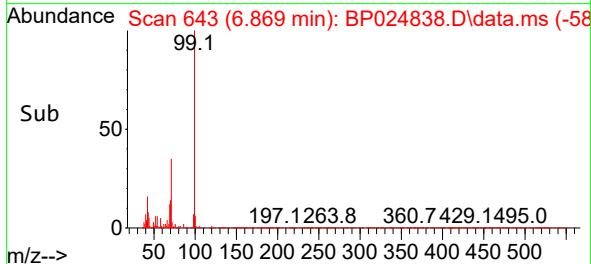
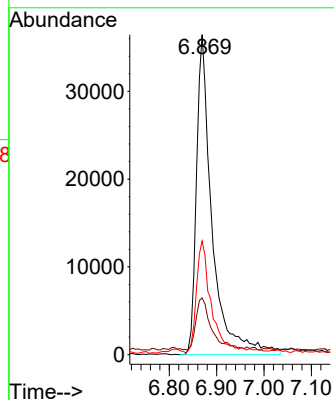
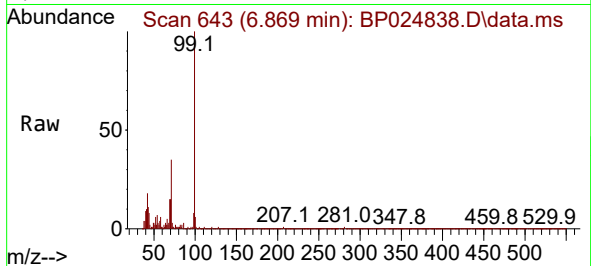




#7
Phenol-d6
Concen: 7.099 ng
RT: 6.869 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

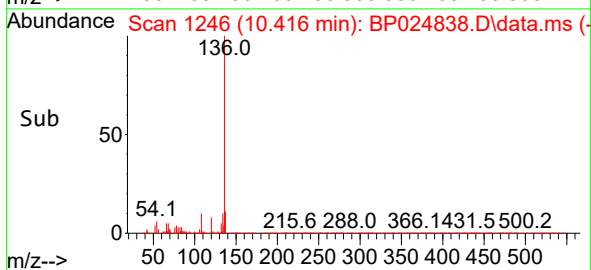
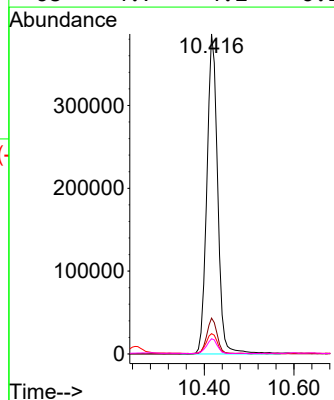
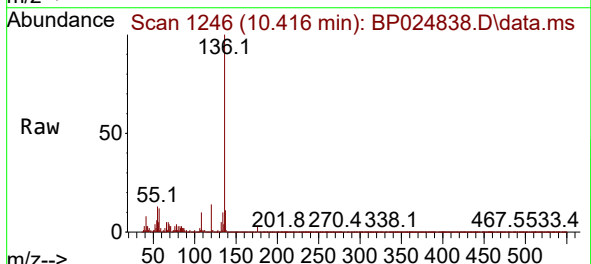
Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

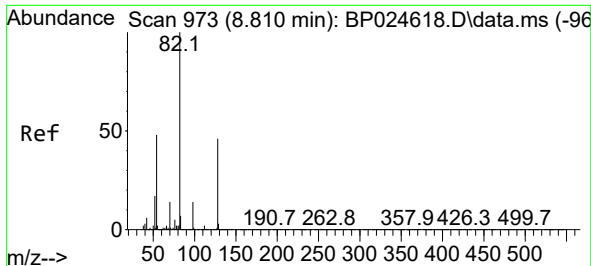
Tgt Ion: 99 Resp: 83431
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 35.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

Tgt Ion: 136 Resp: 644607
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.4 5.5 8.3
68 4.7 4.2 6.2

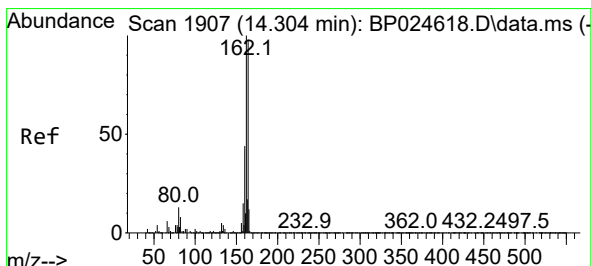
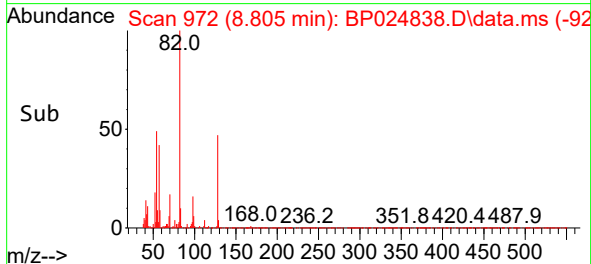
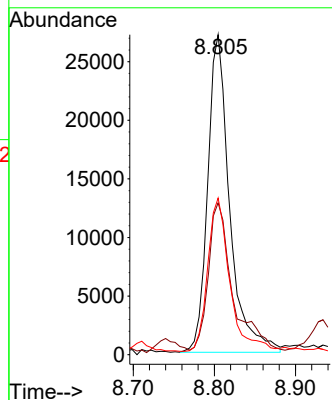
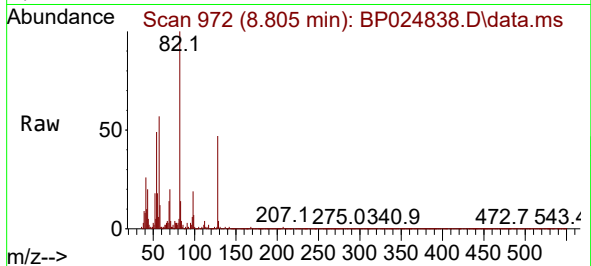




#23
Nitrobenzene-d5
Concen: 3.988 ng
RT: 8.805 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

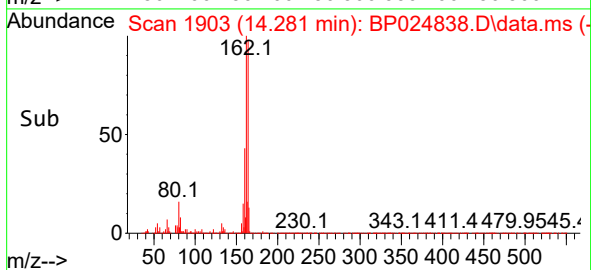
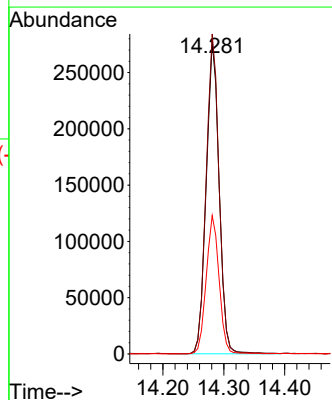
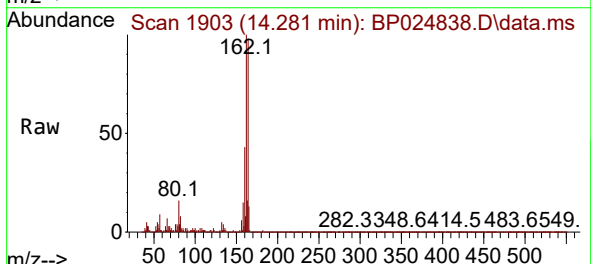
Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

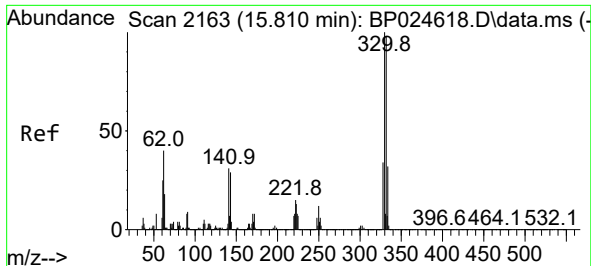
Tgt Ion: 82 Resp: 50875
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 48.9 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

Tgt Ion:164 Resp: 408659
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 44.2 36.3 54.5

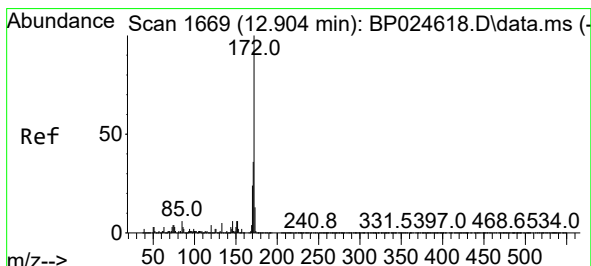
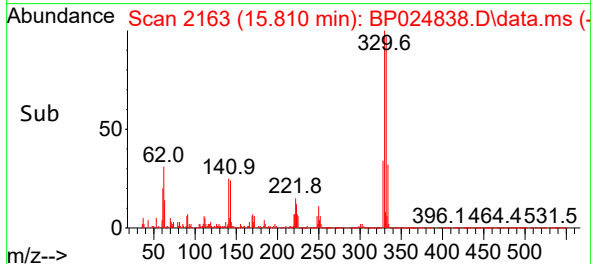
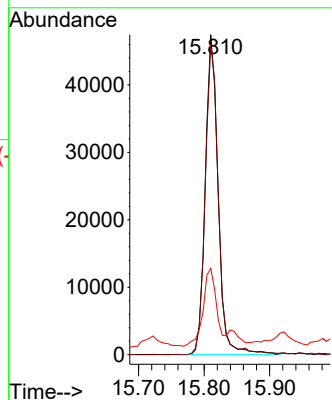
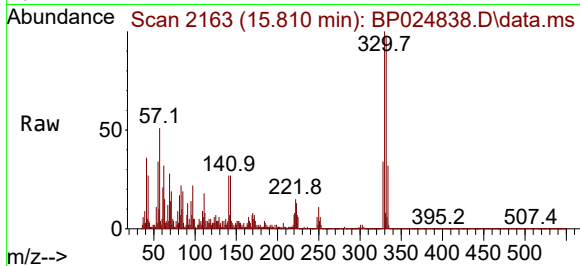




#42
2,4,6-Tribromophenol
Concen: 9.360 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.024 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

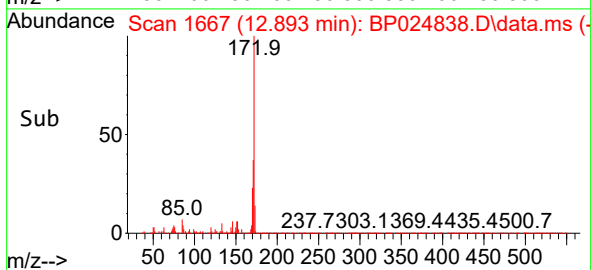
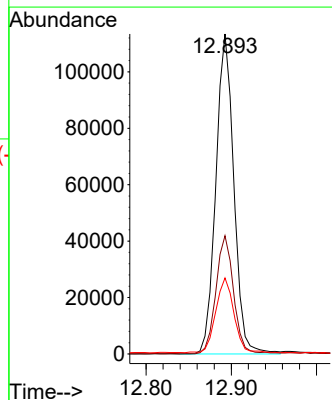
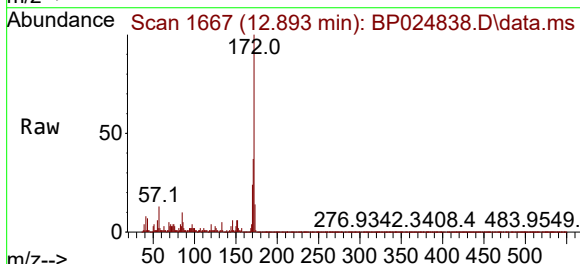
Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

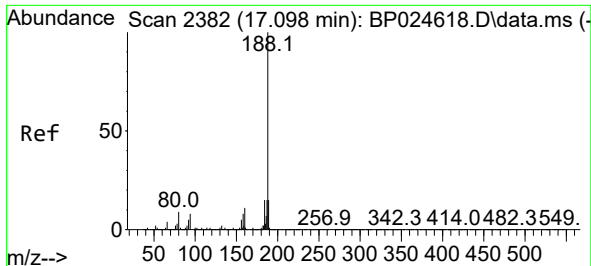
Tgt Ion: 330 Resp: 64846
Ion Ratio Lower Upper
330 100
332 99.1 78.2 117.4
141 25.6 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 5.329 ng
RT: 12.893 min Scan# 1667
Delta R.T. 0.012 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

Tgt Ion: 172 Resp: 166228
Ion Ratio Lower Upper
172 100
171 37.0 28.8 43.2
170 23.8 18.8 28.2

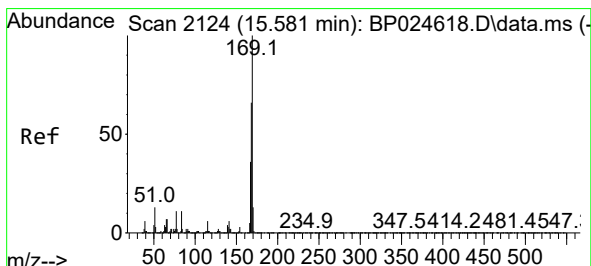
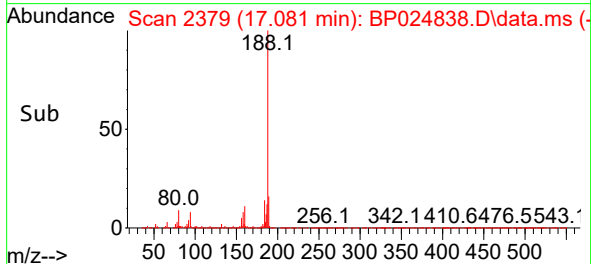
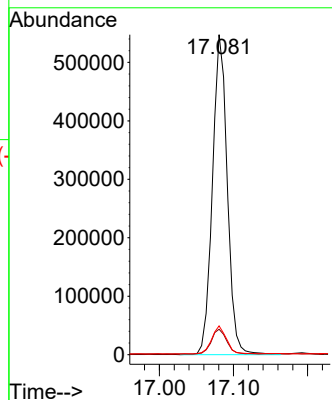
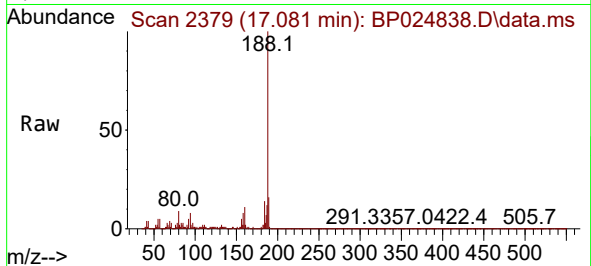




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

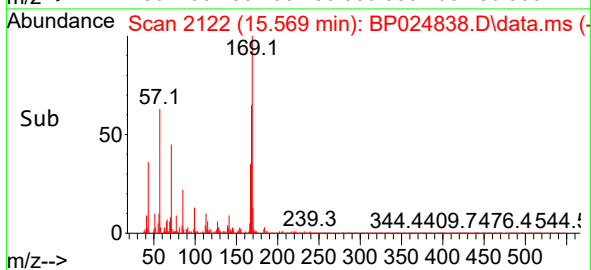
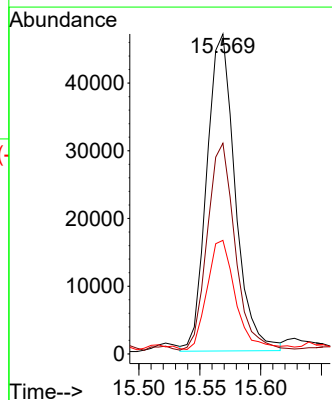
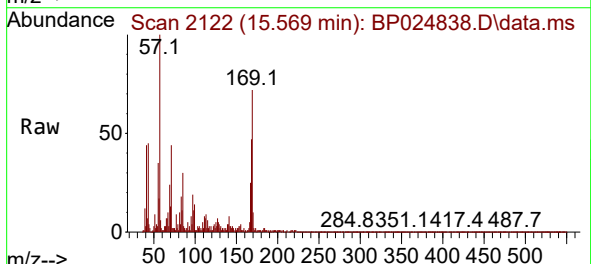
Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

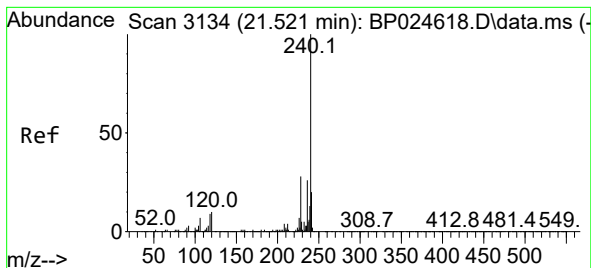
Tgt Ion:188 Resp: 761744
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.0 7.3 10.9



#66
n-Nitrosodiphenylamine
Concen: 3.250 ng
RT: 15.569 min Scan# 2122
Delta R.T. 0.018 min
Lab File: BP024838.D
Acq: 29 May 2025 21:10

Tgt Ion:169 Resp: 76048
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.5 28.6 43.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 31

Delta R.T. 0.030 min

Lab File: BP024838.D

Acq: 29 May 2025 21:10

Instrument :

BNA_P

ClientSampleId :

MOO-25-0151

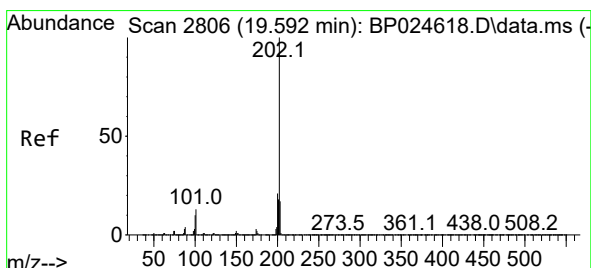
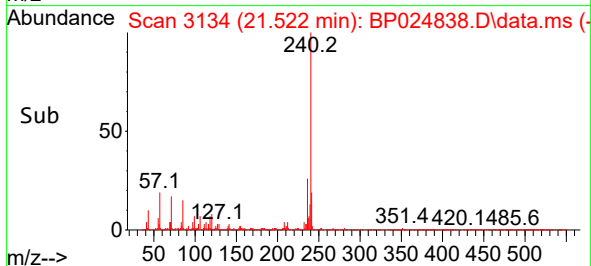
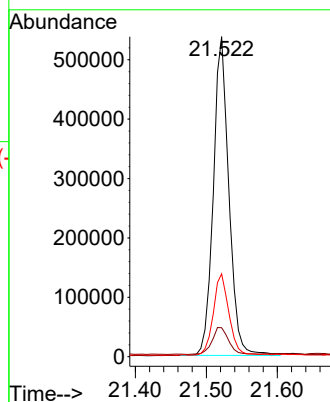
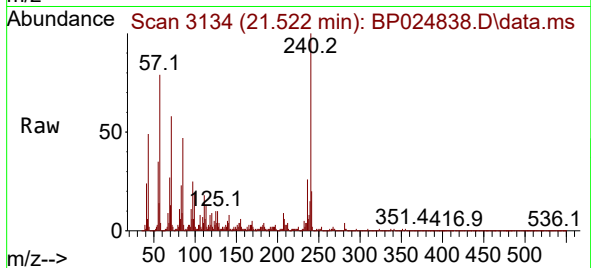
Tgt Ion:240 Resp: 816949

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 25.9 20.6 31.0



#78

Pyrene

Concen: 2.757 ng

RT: 19.598 min Scan# 2807

Delta R.T. 0.030 min

Lab File: BP024838.D

Acq: 29 May 2025 21:10

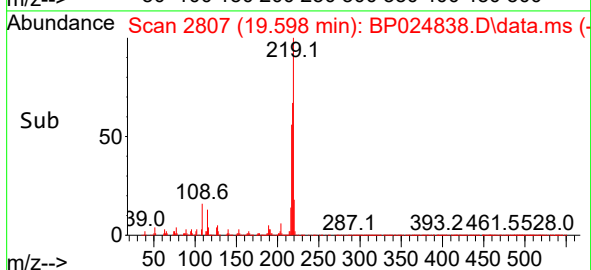
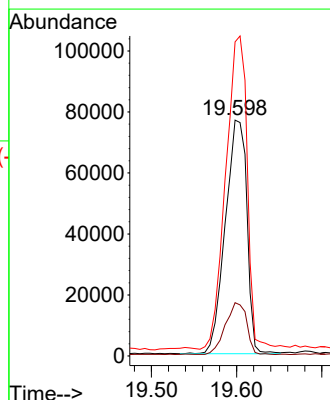
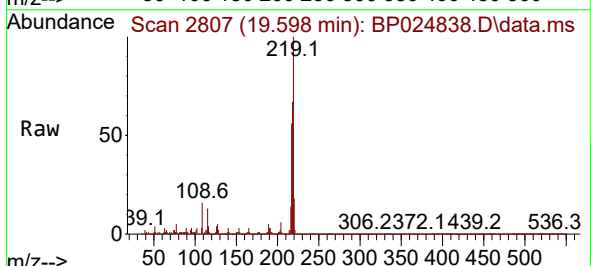
Tgt Ion:202 Resp: 134939

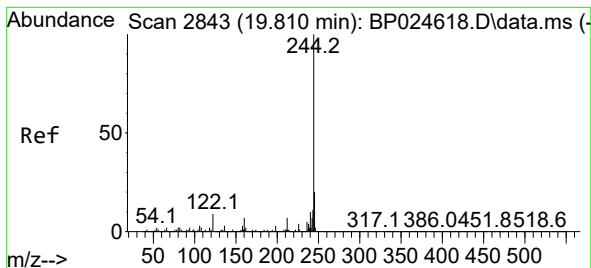
Ion Ratio Lower Upper

202 100

200 22.6 16.9 25.3

203 133.1 13.9 20.9#





#79

Terphenyl-d14

Concen: 5.722 ng

RT: 19.810 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP024838.D

Acq: 29 May 2025 21:10

Instrument :

BNA_P

ClientSampleId :

MOO-25-0151

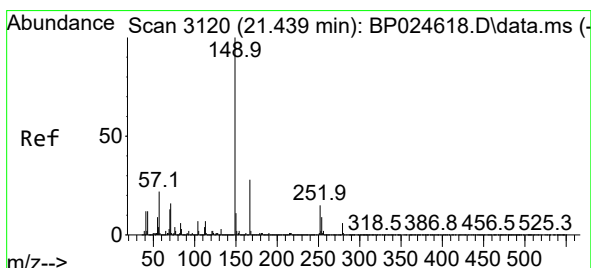
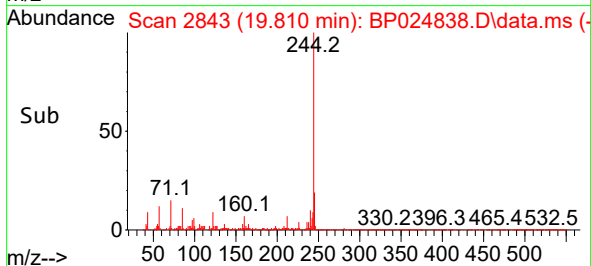
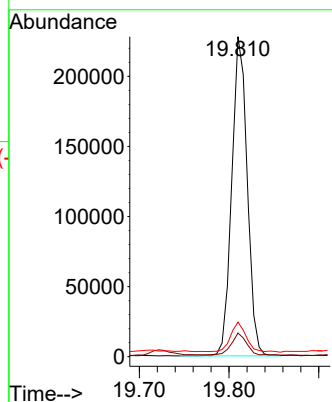
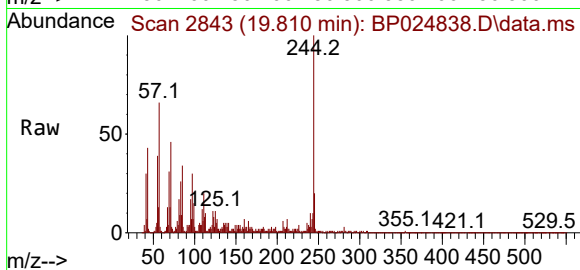
Tgt Ion:244 Resp: 272615

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

122 10.8 7.4 11.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.405 ng

RT: 21.422 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP024838.D

Acq: 29 May 2025 21:10

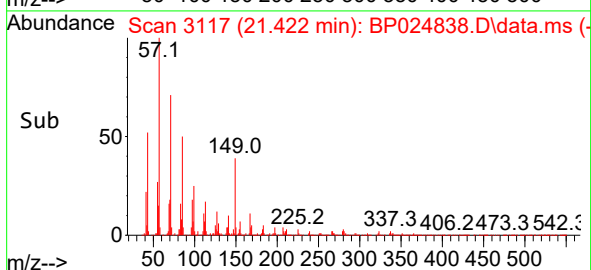
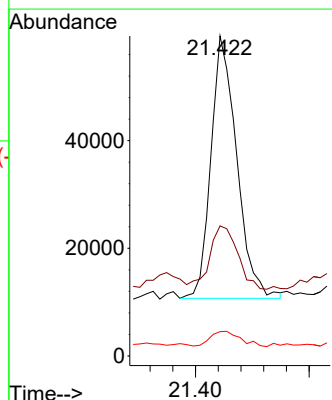
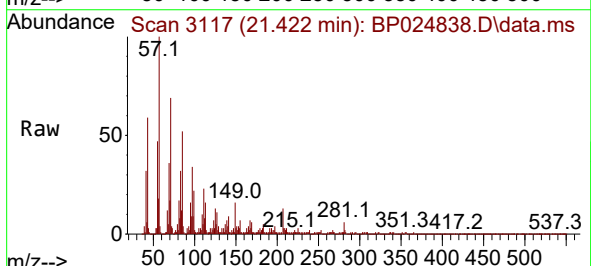
Tgt Ion:149 Resp: 76951

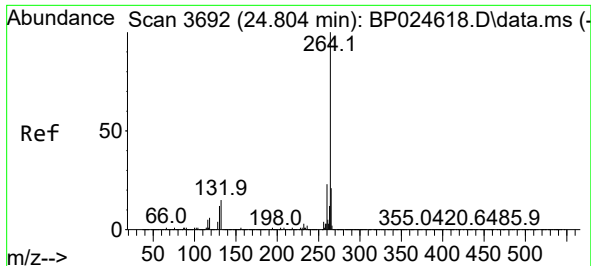
Ion Ratio Lower Upper

149 100

167 40.6 22.1 33.1#

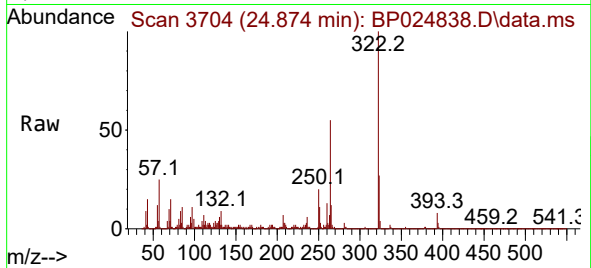
279 7.6 4.6 6.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.874 min Scan# 31
 Delta R.T. 0.130 min
 Lab File: BP024838.D
 Acq: 29 May 2025 21:10

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0151



Tgt Ion:264 Resp: 1146699

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.4	17.0	25.6

