

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024534.D
 Acq On : 05 May 2025 20:49
 Operator : RC/JU
 Sample : Q1935-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-NN

Quant Time: May 06 04:20:45 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	7.705	152	130836	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	506366	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	291513	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	623488	20.000	ng	0.00
76) Chrysene-d12	21.592	240	789884	20.000	ng	# 0.00
86) Perylene-d12	24.927	264	646784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	998469	126.183	ng	-0.01
7) Phenol-d6	6.899	99	1112649	102.691	ng	-0.01
23) Nitrobenzene-d5	8.857	82	823257	92.706	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	683838	169.551	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1708235	89.721	ng	-0.02
79) Terphenyl-d14	19.875	244	3812111	97.278	ng	0.00

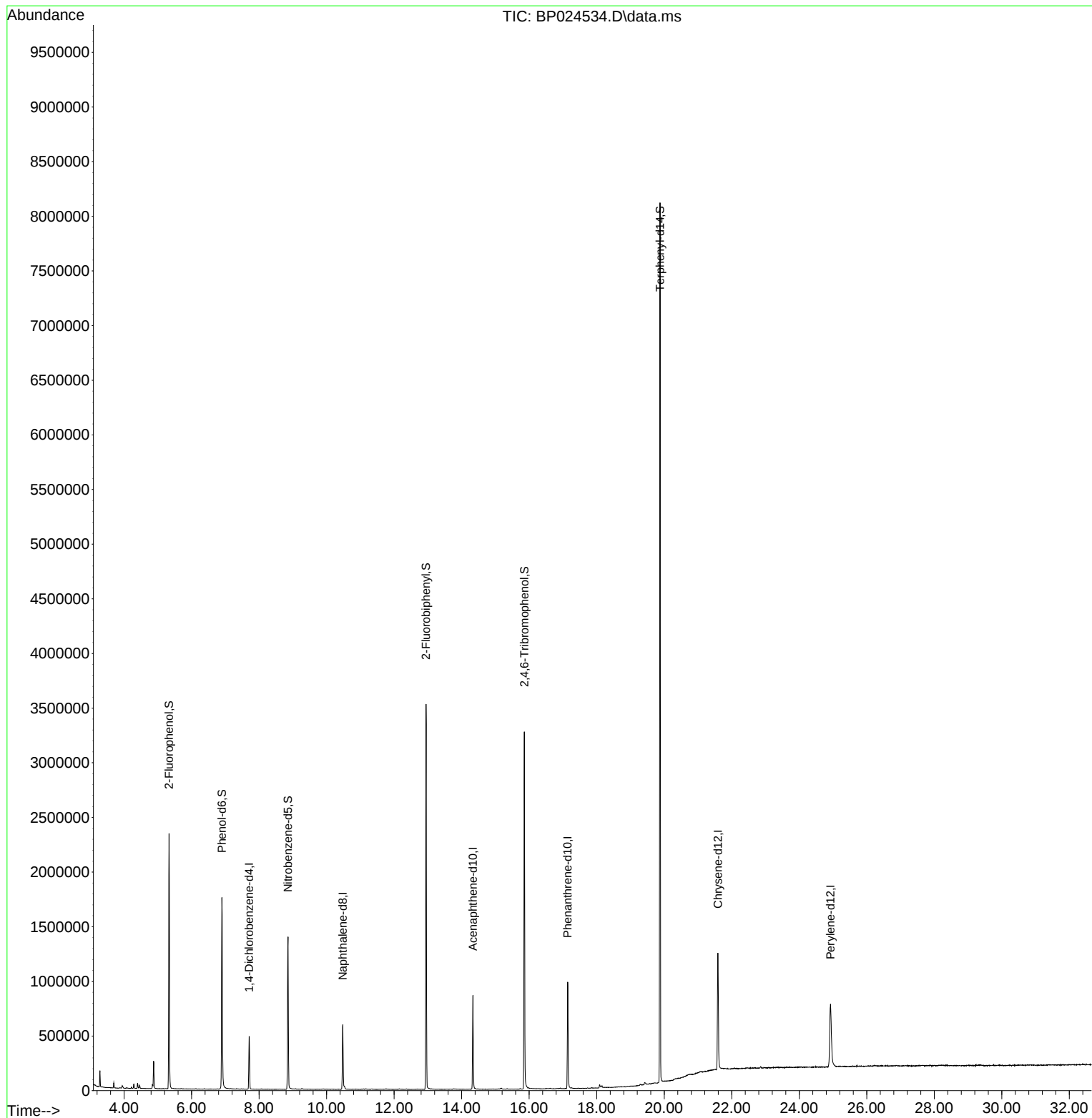
Target Compounds	Qvalue

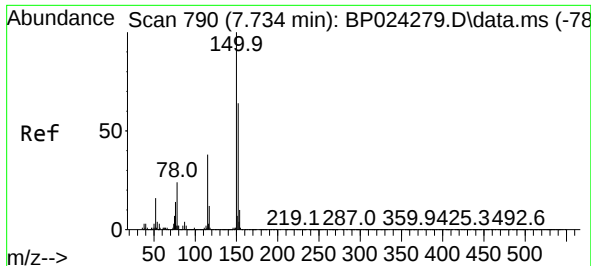
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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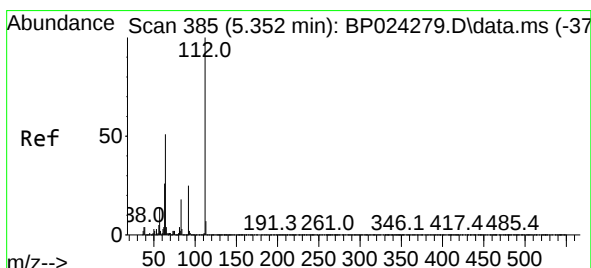
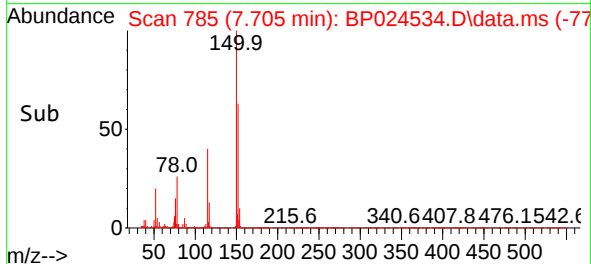
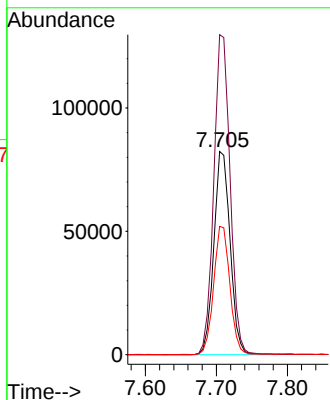
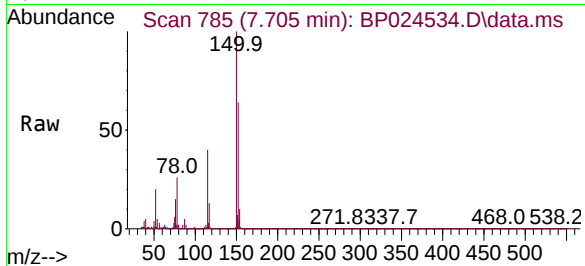




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024534.D
Acq: 05 May 2025 20:49

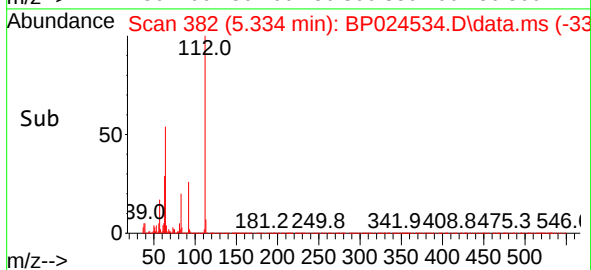
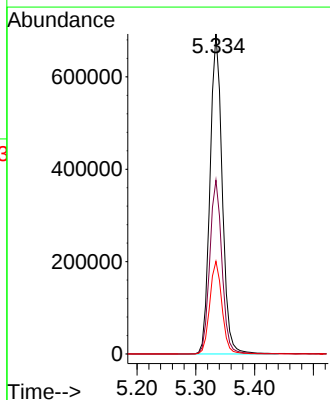
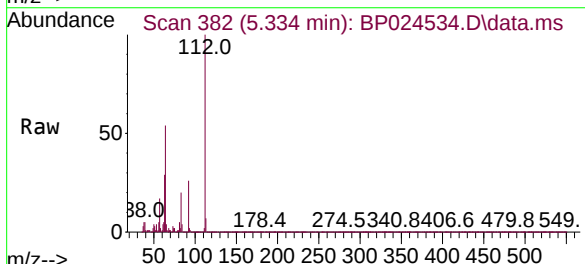
Instrument :
BNA_P
ClientSampleId :
MH-NN

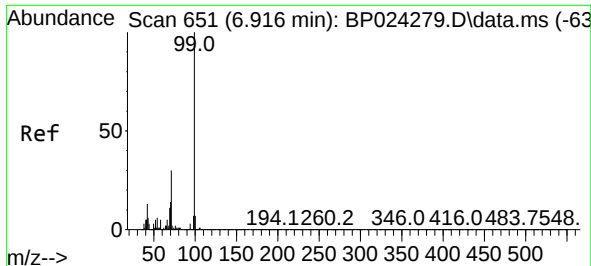
Tgt Ion:152 Resp: 130836
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 63.2 47.7 71.5



#5
2-Fluorophenol
Concen: 126.183 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024534.D
Acq: 05 May 2025 20:49

Tgt Ion:112 Resp: 998469
Ion Ratio Lower Upper
112 100
64 54.3 41.1 61.7
63 29.0 20.6 30.8

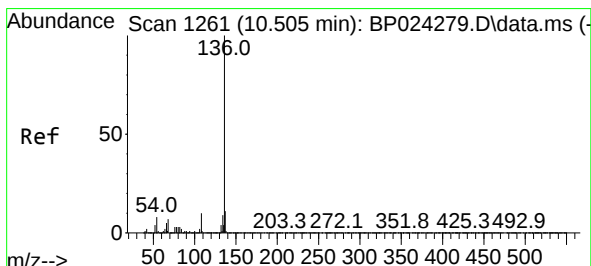
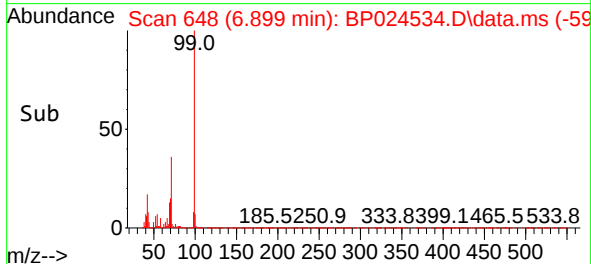
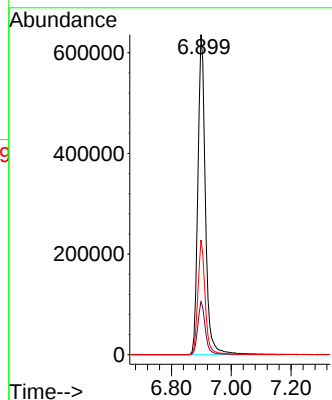
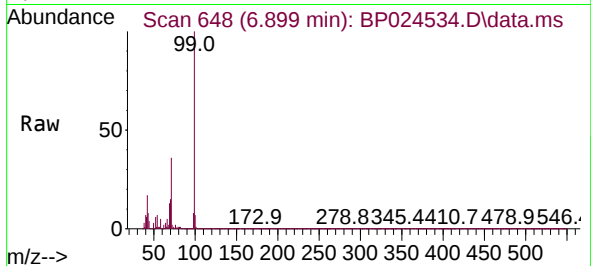




#7
Phenol-d6
Concen: 102.691 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024534.D
Acq: 05 May 2025 20:49

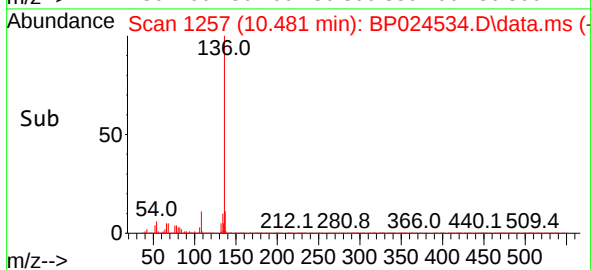
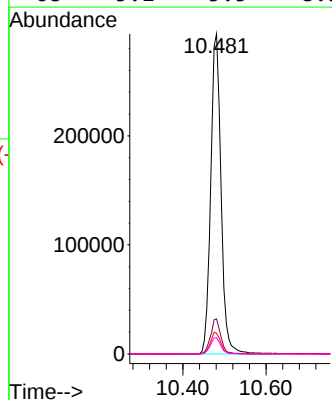
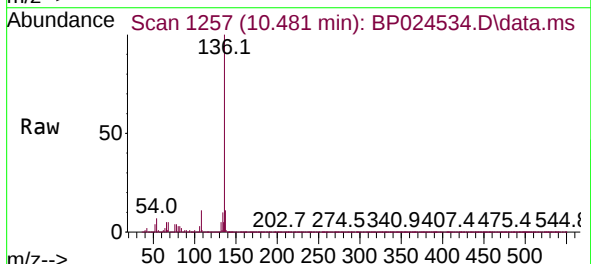
Instrument :
BNA_P
ClientSampleId :
MH-NN

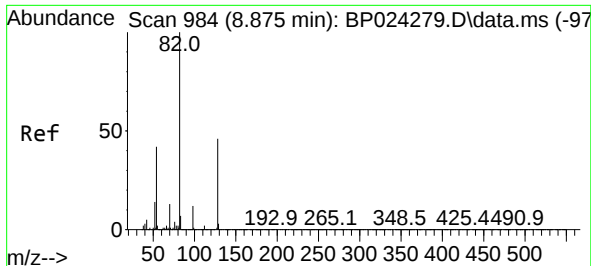
Tgt Ion: 99 Resp: 1112649
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.9 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024534.D
Acq: 05 May 2025 20:49

Tgt Ion:136 Resp: 506366
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.5 6.0 9.0
68 5.1 5.5 8.3#

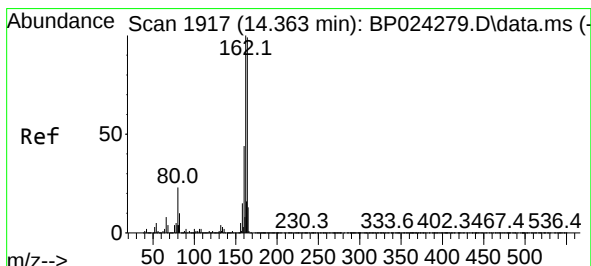
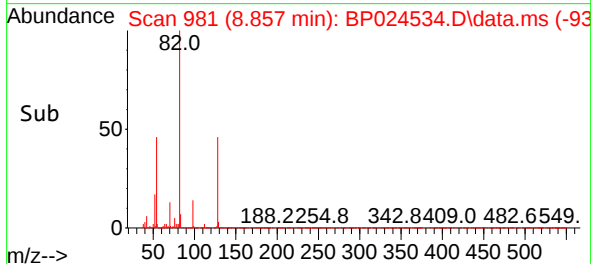
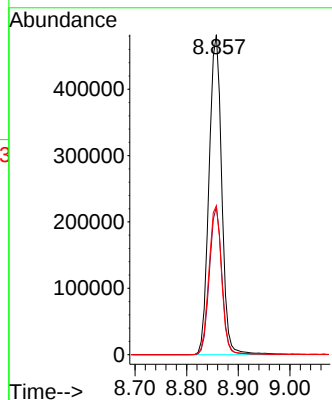
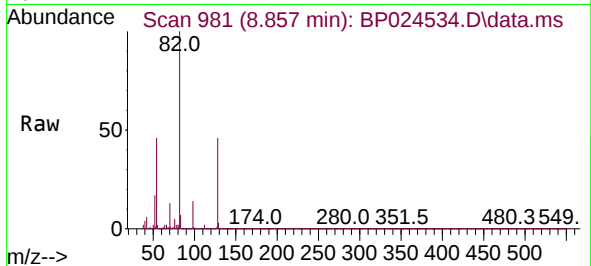




#23
Nitrobenzene-d5
Concen: 92.706 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024534.D
Acq: 05 May 2025 20:49

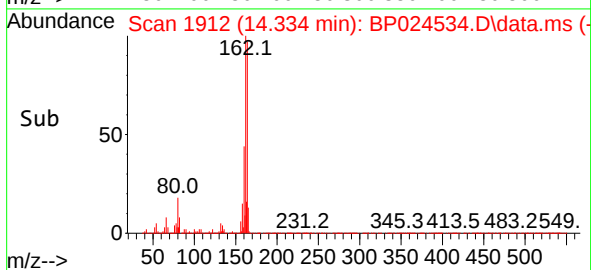
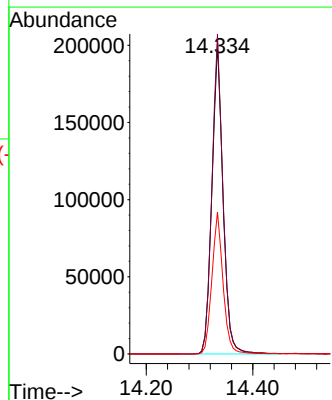
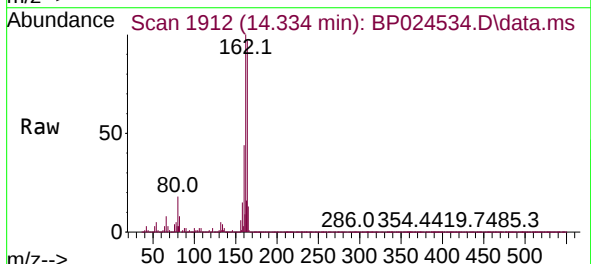
Instrument :
BNA_P
ClientSampleId :
MH-NN

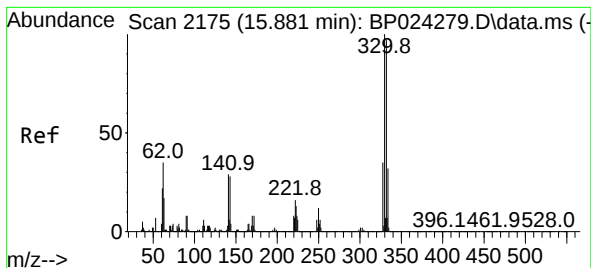
Tgt Ion: 82 Resp: 823257
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 46.5 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024534.D
Acq: 05 May 2025 20:49

Tgt Ion: 164 Resp: 291513
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 45.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 169.551 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024534.D

Acq: 05 May 2025 20:49

Instrument :

BNA_P

ClientSampleId :

MH-NN

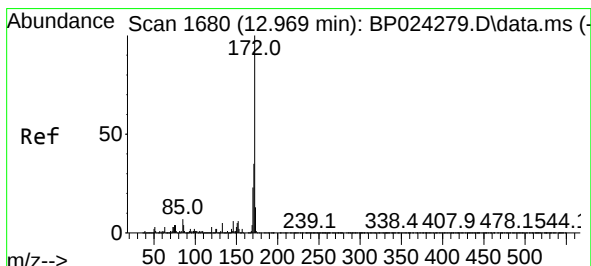
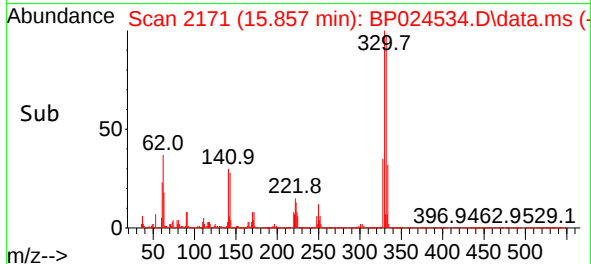
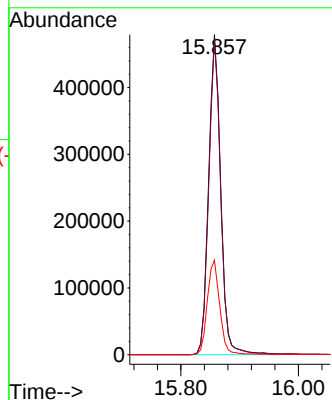
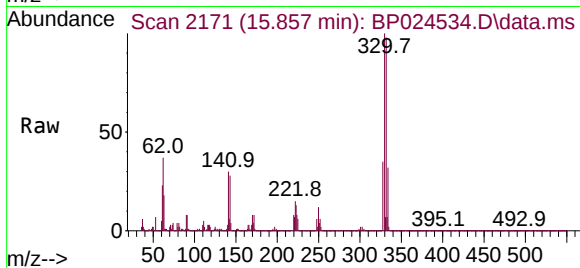
Tgt Ion:330 Resp: 683838

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

141 30.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 89.721 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024534.D

Acq: 05 May 2025 20:49

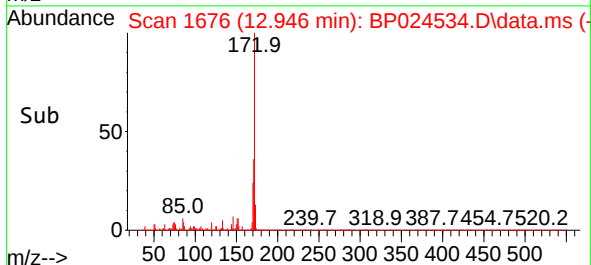
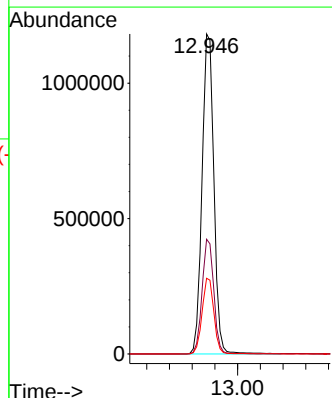
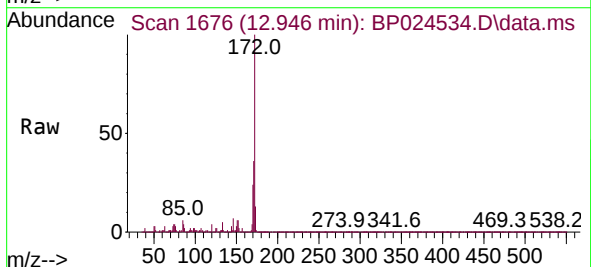
Tgt Ion:172 Resp: 1708235

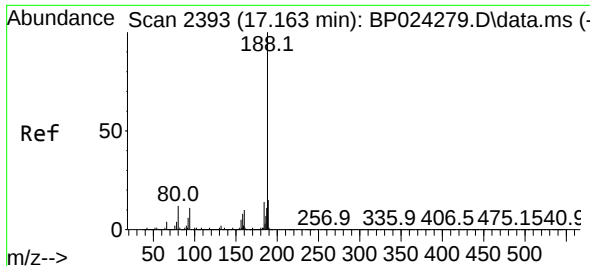
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.7 18.6 27.8

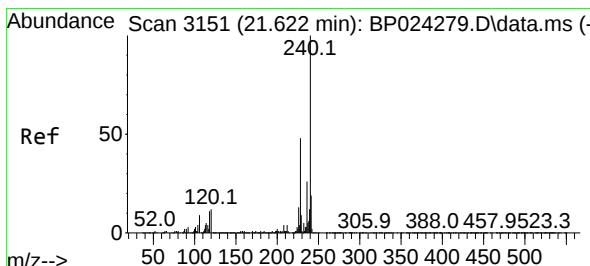
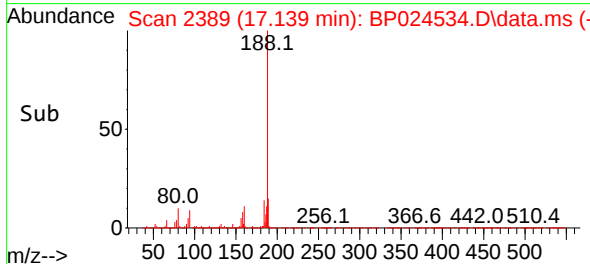
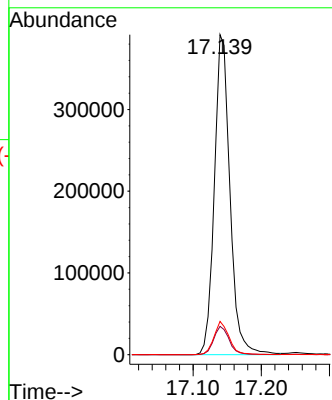
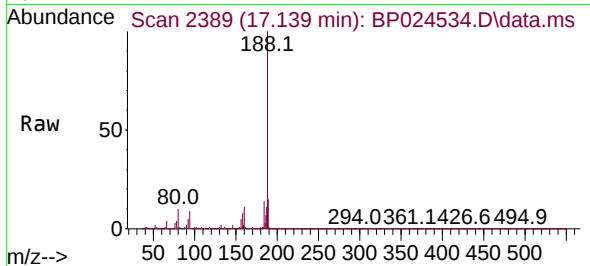




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024534.D
Acq: 05 May 2025 20:49

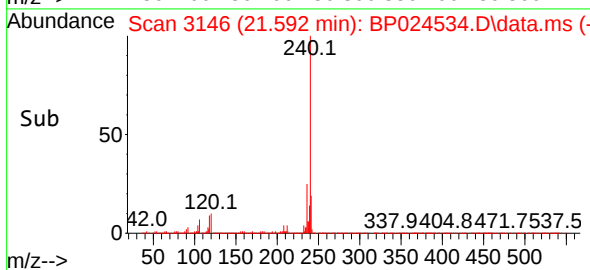
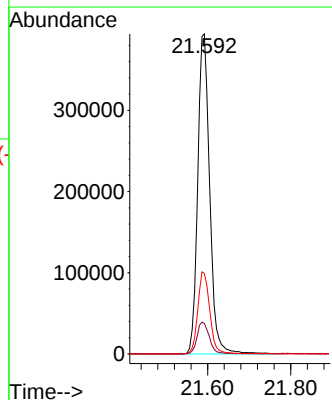
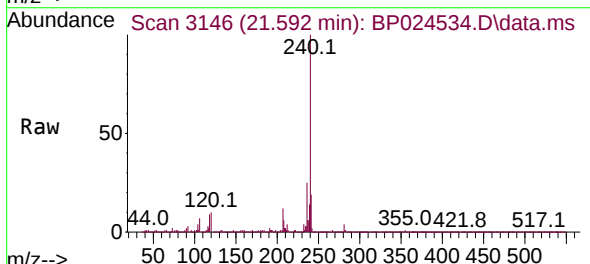
Instrument :
BNA_P
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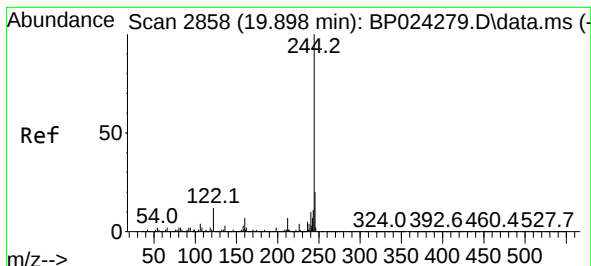
Tgt Ion:188 Resp: 623488
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 10.4 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024534.D
Acq: 05 May 2025 20:49

Tgt Ion:240 Resp: 789884
Ion Ratio Lower Upper
240 100
120 9.6 9.8 14.8#
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 97.278 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024534.D

Acq: 05 May 2025 20:49

Instrument :

BNA_P

ClientSampleId :

MH-NN

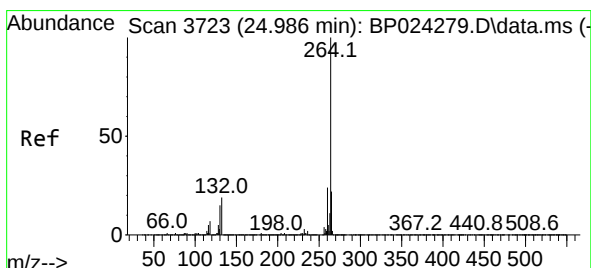
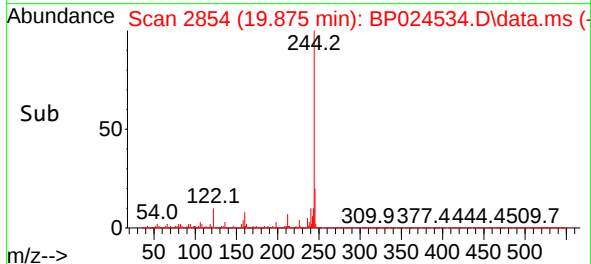
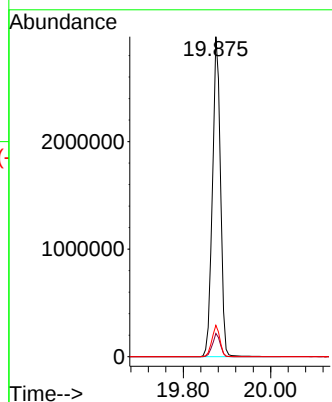
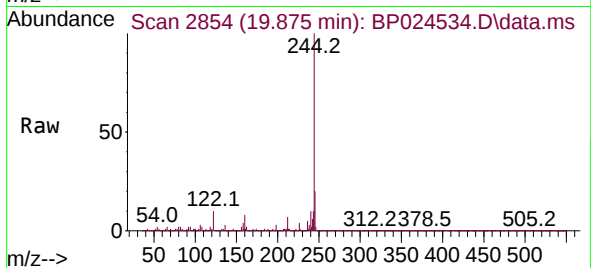
Tgt Ion:244 Resp: 3812111

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 9.8 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024534.D

Acq: 05 May 2025 20:49

Tgt Ion:264 Resp: 646784

Ion Ratio Lower Upper

264 100

260 24.9 18.9 28.3

265 21.3 17.8 26.6

