

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024515.D
 Acq On : 02 May 2025 19:03
 Operator : RC/JU
 Sample : Q1932-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-4

Quant Time: May 02 23:46:09 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	7.710	152	144481	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	572905	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	364191	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	723453	20.000	ng	0.00
76) Chrysene-d12	21.592	240	837183	20.000	ng	# 0.00
86) Perylene-d12	24.951	264	977394	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	532476	60.937	ng	-0.02
7) Phenol-d6	6.899	99	655679	54.800	ng	-0.01
23) Nitrobenzene-d5	8.857	82	396368	39.450	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	355663	70.585	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	799000	33.591	ng	-0.02
79) Terphenyl-d14	19.869	244	1543603	37.164	ng	0.00

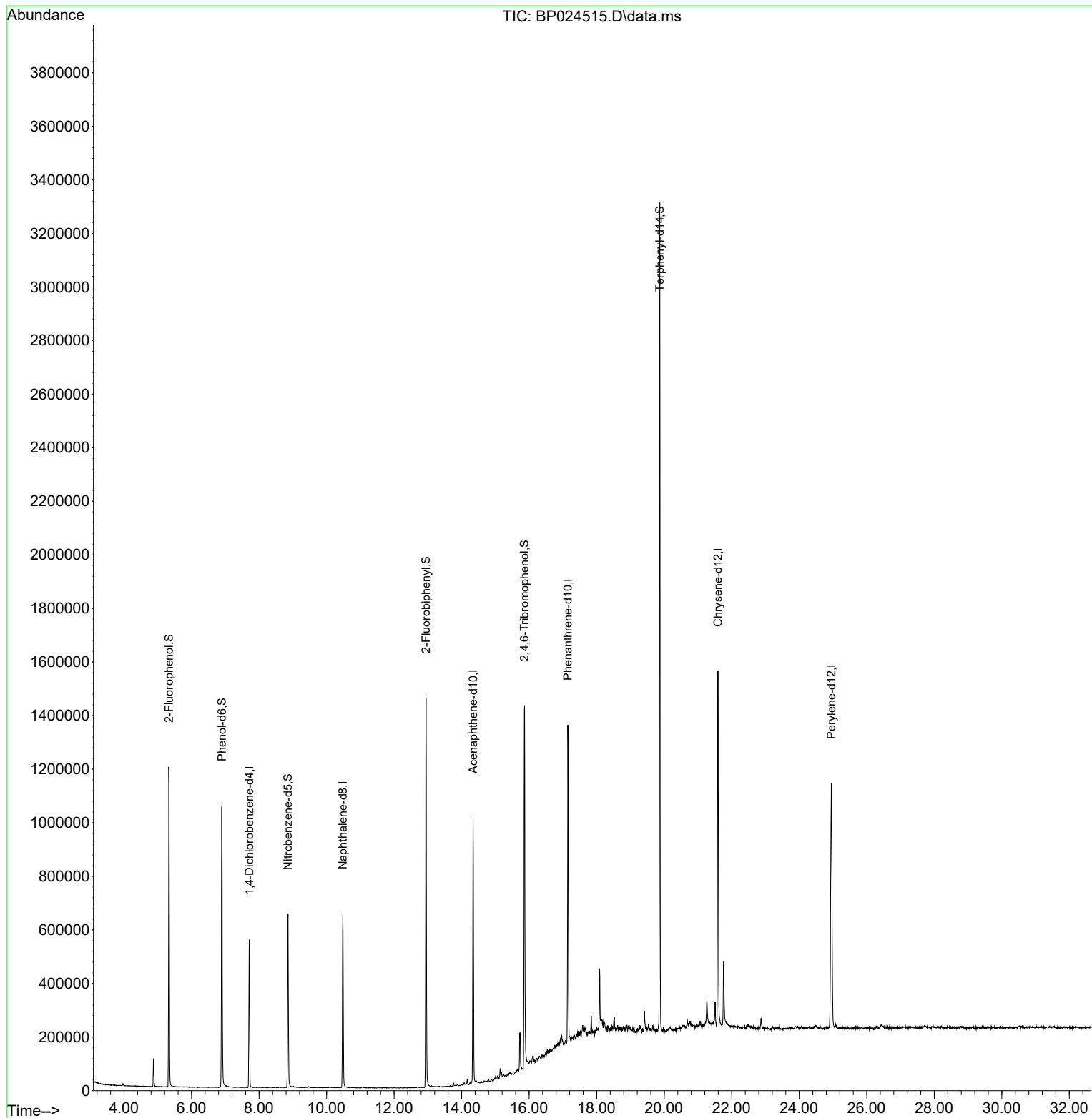
Target Compounds	Qvalue

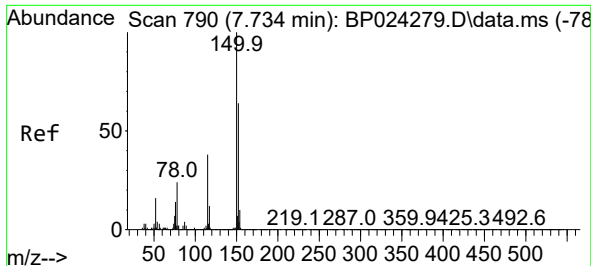
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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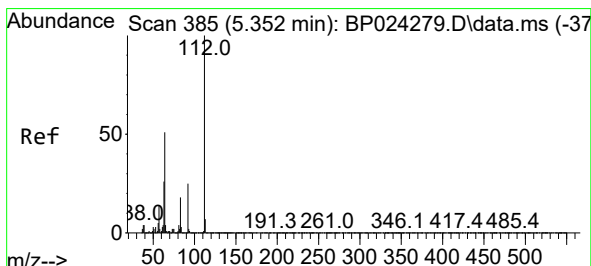
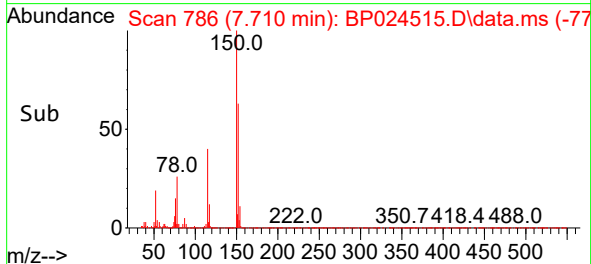
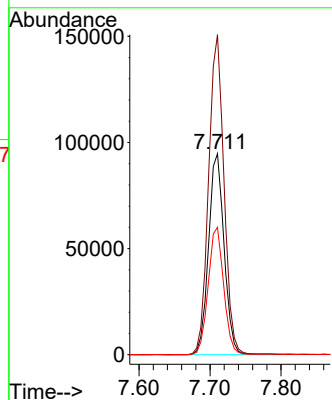
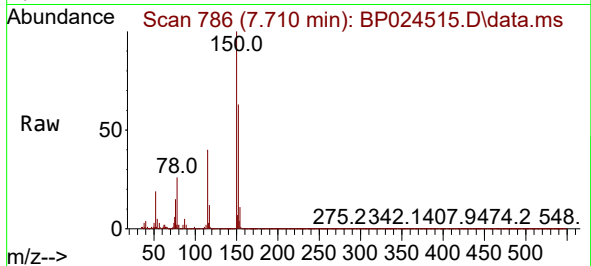




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024515.D
Acq: 02 May 2025 19:03

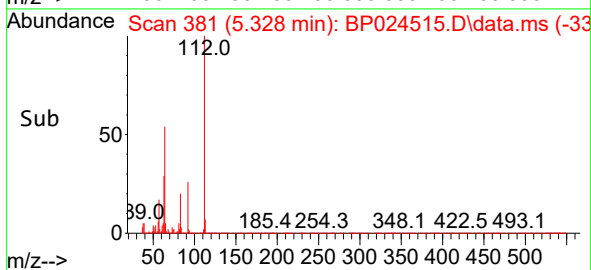
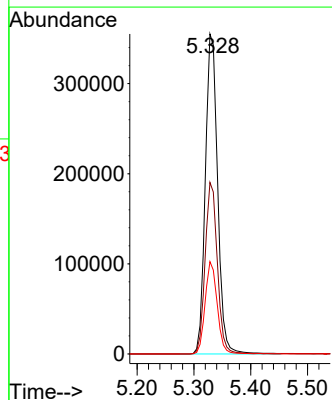
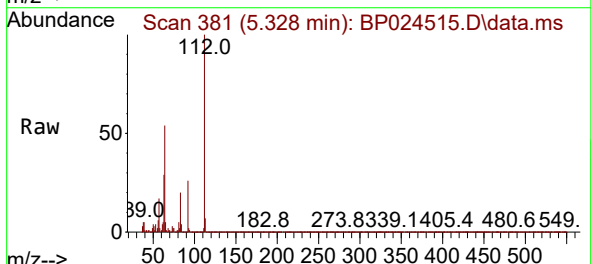
Instrument :
BNA_P
ClientSampleId :
COMP-4

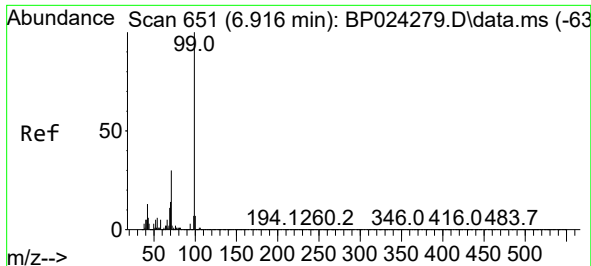
Tgt Ion:152 Resp: 144481
Ion Ratio Lower Upper
152 100
150 159.2 124.9 187.3
115 63.4 47.7 71.5



#5
2-Fluorophenol
Concen: 60.937 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024515.D
Acq: 02 May 2025 19:03

Tgt Ion:112 Resp: 532476
Ion Ratio Lower Upper
112 100
64 53.6 41.1 61.7
63 28.9 20.6 30.8

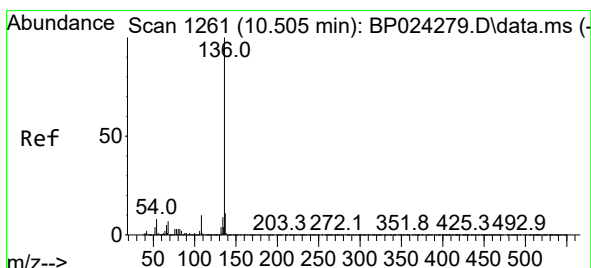
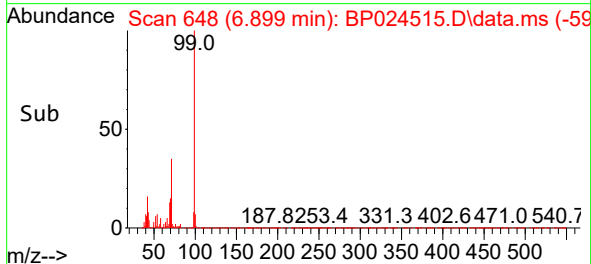
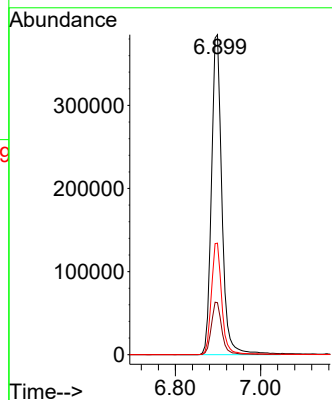
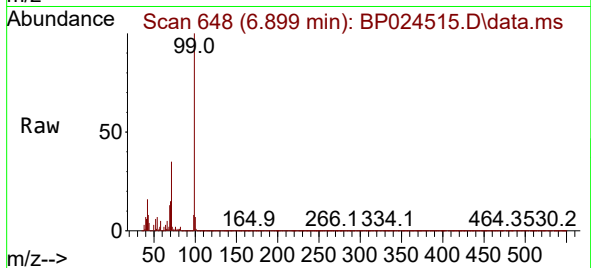




#7
Phenol-d6
Concen: 54.800 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024515.D
Acq: 02 May 2025 19:03

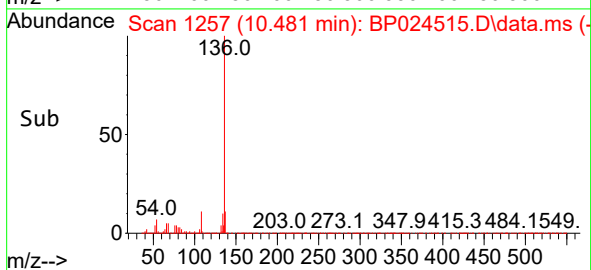
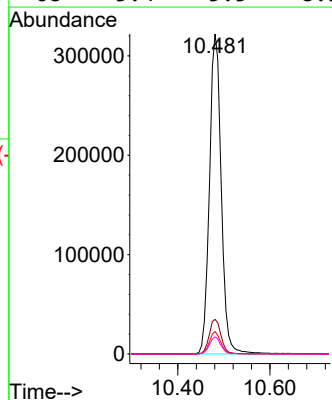
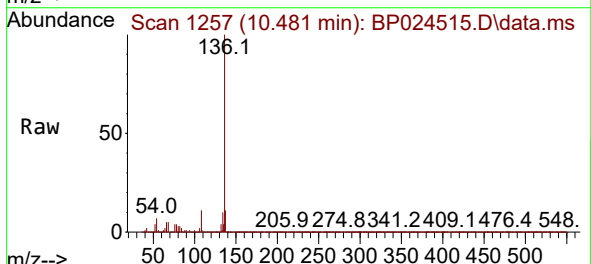
Instrument :
BNA_P
ClientSampleId :
COMP-4

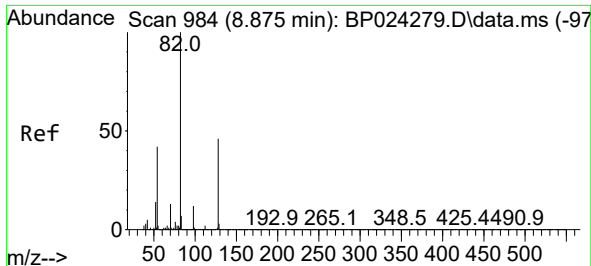
Tgt Ion: 99 Resp: 655679
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 34.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024515.D
Acq: 02 May 2025 19:03

Tgt Ion: 136 Resp: 572905
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.0 6.0 9.0
68 5.4 5.5 8.3#

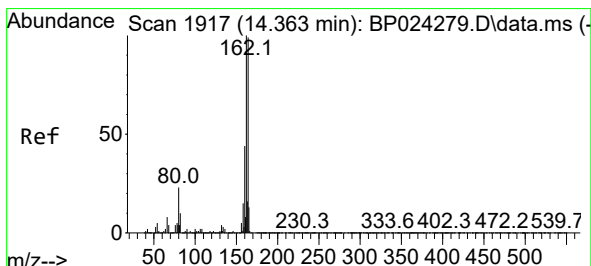
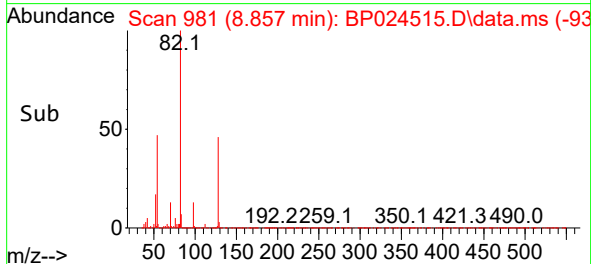
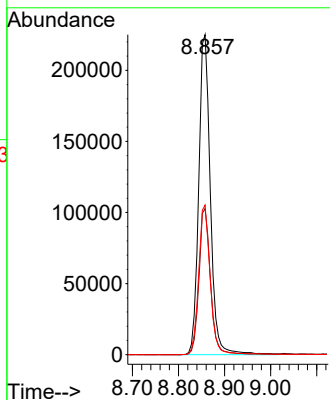
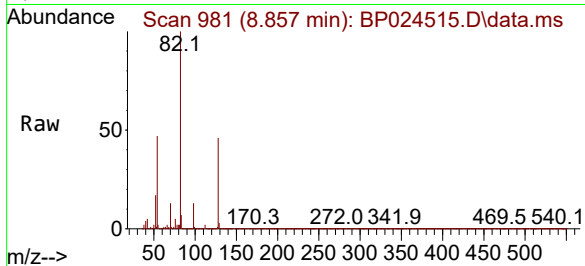




#23
Nitrobenzene-d5
Concen: 39.450 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024515.D
Acq: 02 May 2025 19:03

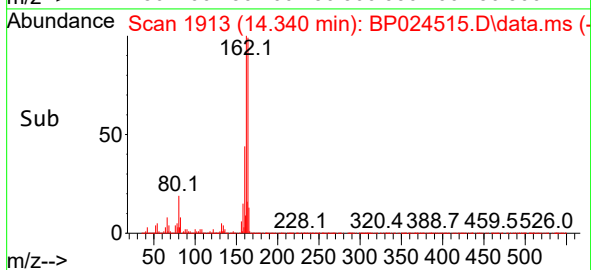
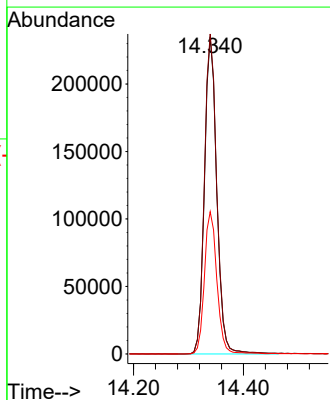
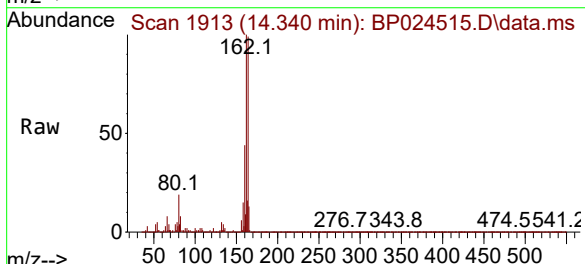
Instrument :
BNA_P
ClientSampleId :
COMP-4

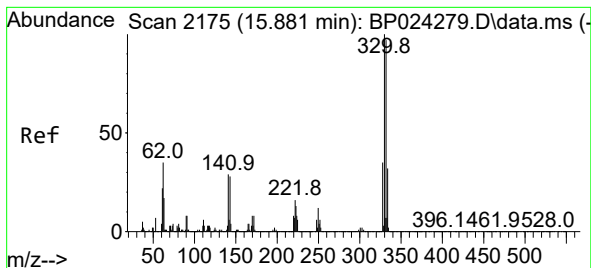
Tgt Ion: 82 Resp: 396368
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 46.7 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024515.D
Acq: 02 May 2025 19:03

Tgt Ion: 164 Resp: 364191
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 70.585 ng

RT: 15.863 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024515.D

Acq: 02 May 2025 19:03

Instrument :

BNA_P

ClientSampleId :

COMP-4

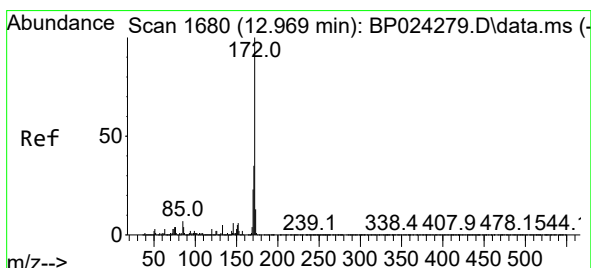
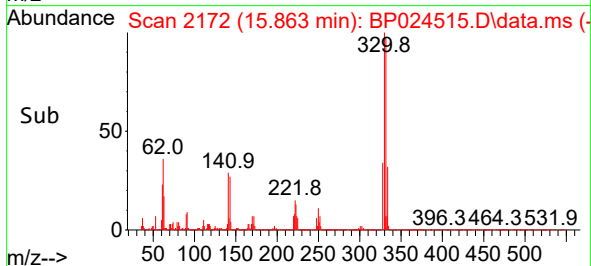
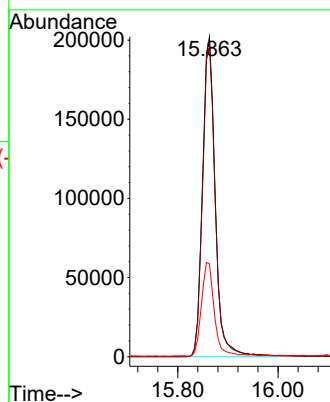
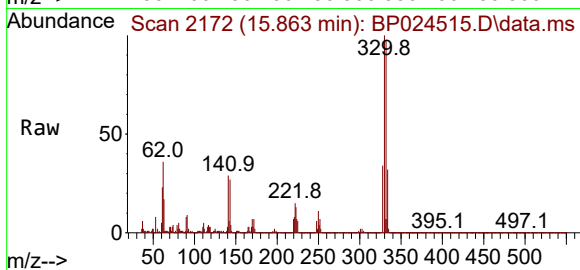
Tgt Ion: 330 Resp: 355663

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

141 29.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 33.591 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024515.D

Acq: 02 May 2025 19:03

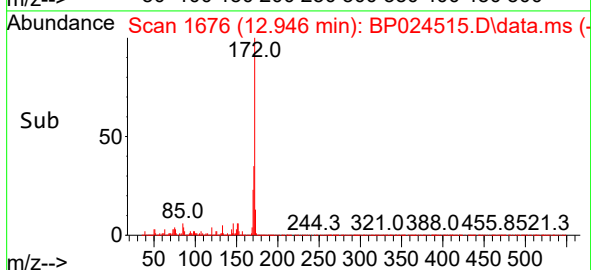
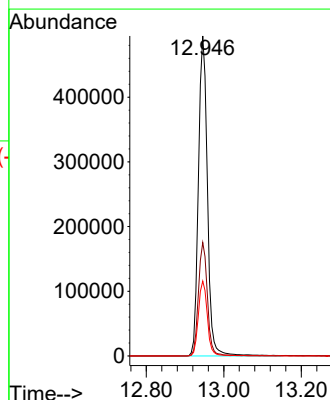
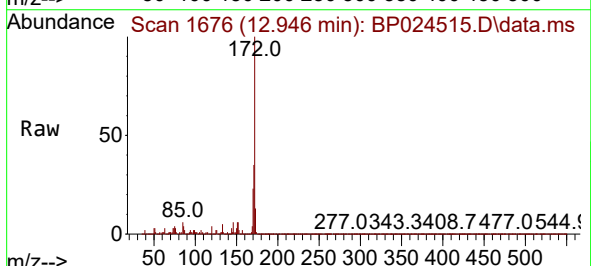
Tgt Ion: 172 Resp: 799000

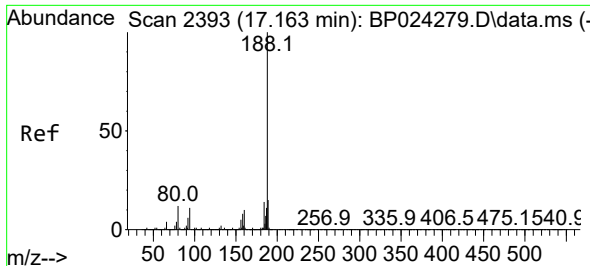
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.6 27.8

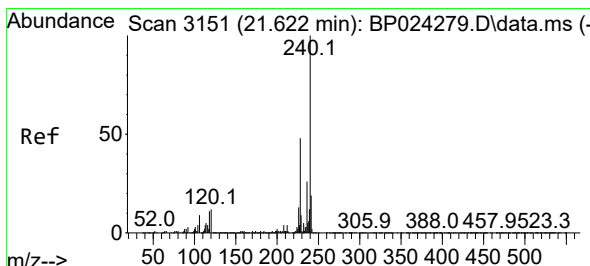
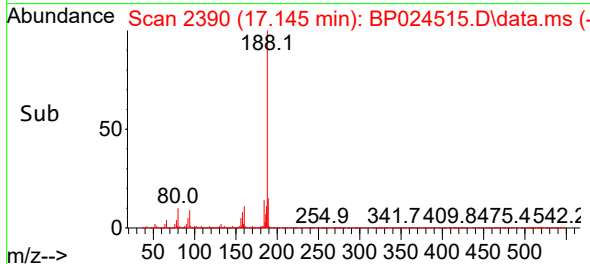
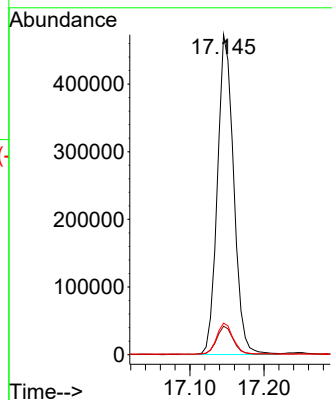
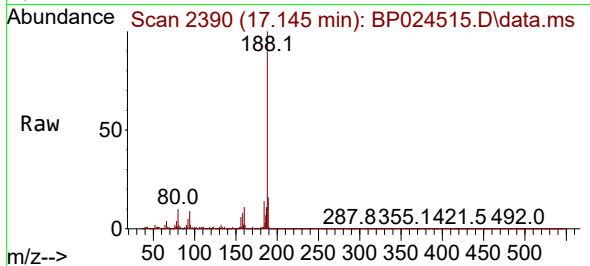




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024515.D
Acq: 02 May 2025 19:03

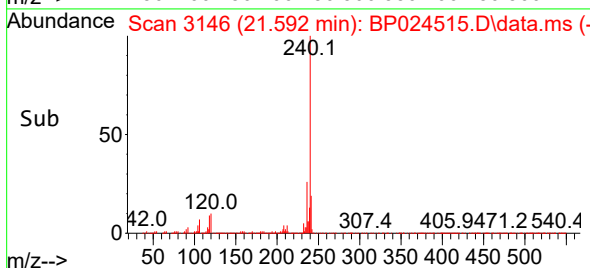
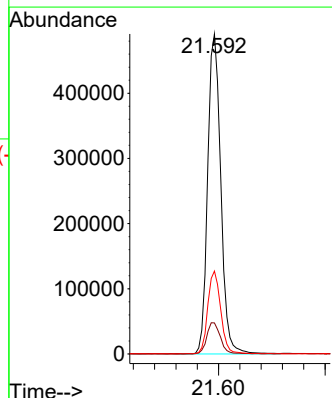
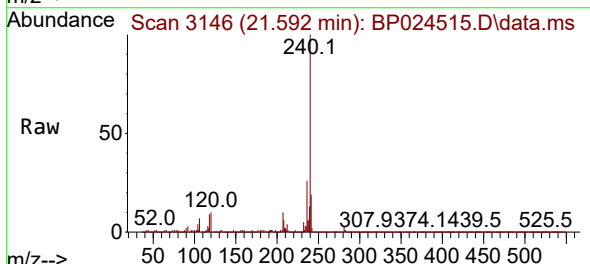
Instrument :
BNA_P
ClientSampleId :
COMP-4

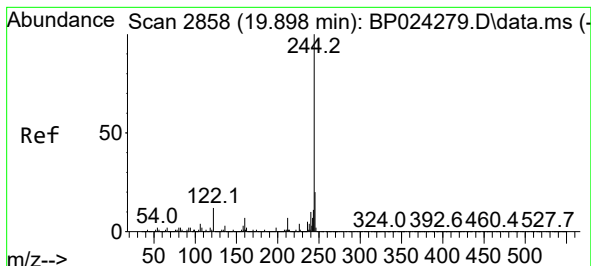
Tgt Ion:188 Resp: 723453
Ion Ratio Lower Upper
188 100
94 8.9 8.6 13.0
80 9.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024515.D
Acq: 02 May 2025 19:03

Tgt Ion:240 Resp: 837183
Ion Ratio Lower Upper
240 100
120 9.7 9.8 14.8#
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 37.164 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024515.D

Acq: 02 May 2025 19:03

Instrument :

BNA_P

ClientSampleId :

COMP-4

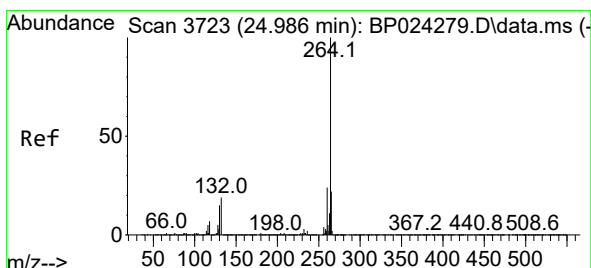
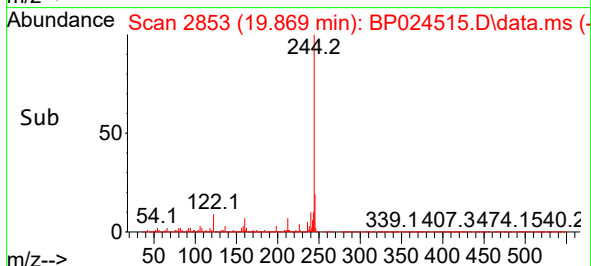
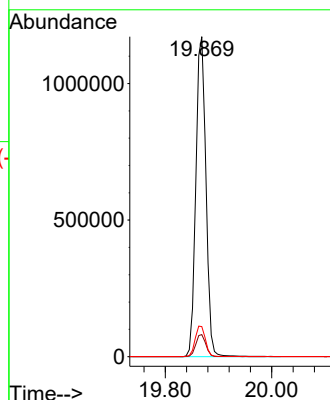
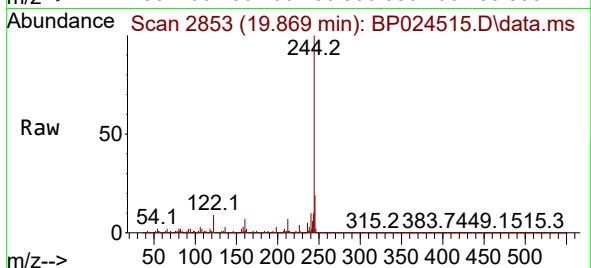
Tgt Ion:244 Resp: 1543603

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024515.D

Acq: 02 May 2025 19:03

Tgt Ion:264 Resp: 977394

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.4 17.8 26.6

