

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024598.D
 Acq On : 09 May 2025 19:51
 Operator : RC/JU
 Sample : Q1986-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-8

Quant Time: May 09 22:47:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

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

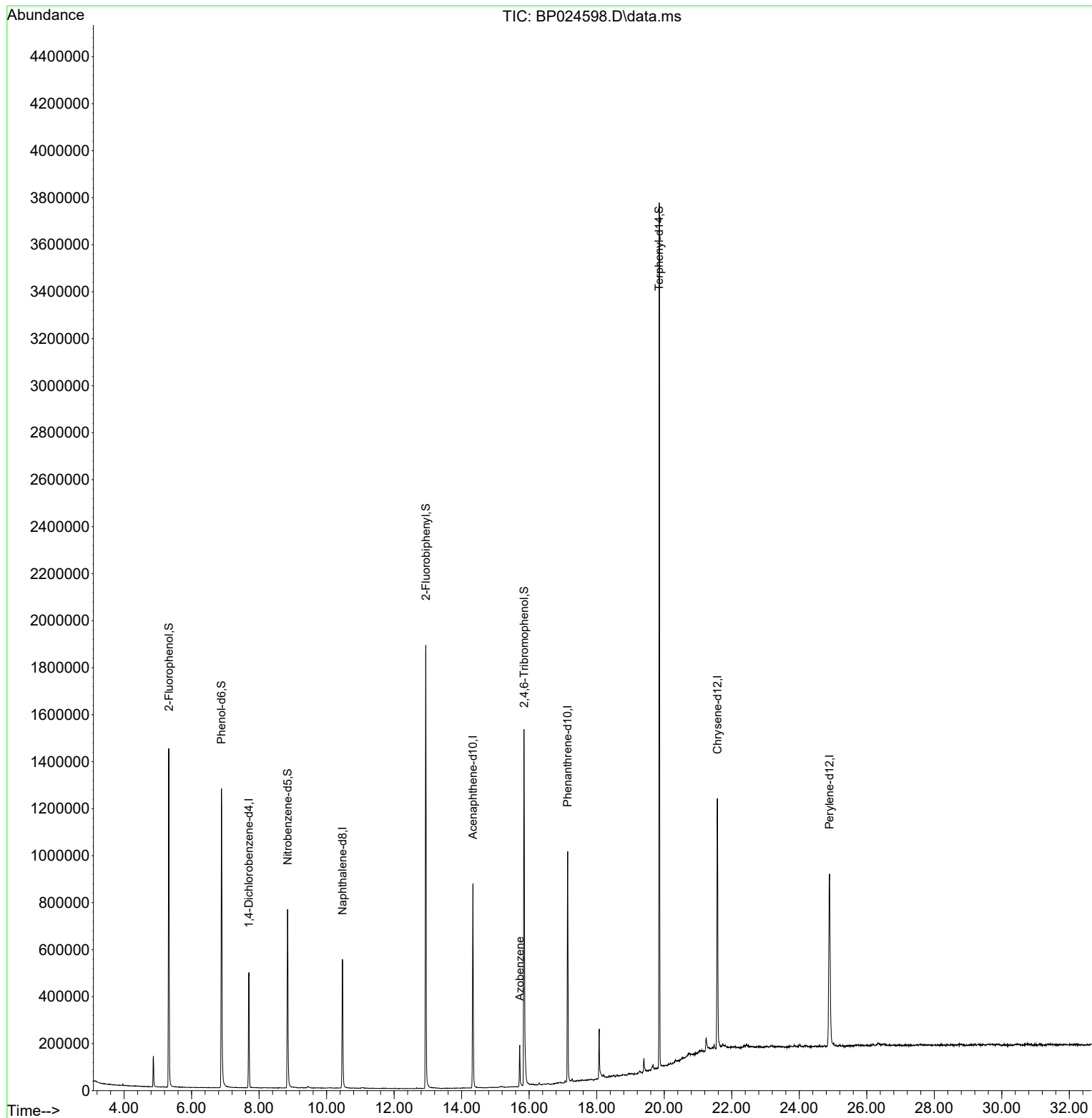
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	136297	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	529062	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	311751	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	595044	20.000	ng	# 0.01
76) Chrysene-d12	21.575	240	705275	20.000	ng	0.00
86) Perylene-d12	24.898	264	840509	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	647410	78.539	ng	0.00
7) Phenol-d6	6.887	99	800906	70.957	ng	0.00
23) Nitrobenzene-d5	8.846	82	486318	52.414	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	398685	92.433	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1023188	50.252	ng	0.00
79) Terphenyl-d14	19.851	244	1751579	50.059	ng	0.00
Target Compounds						
63) Azobenzene	15.722	77	53982	2.514	ng	# 1

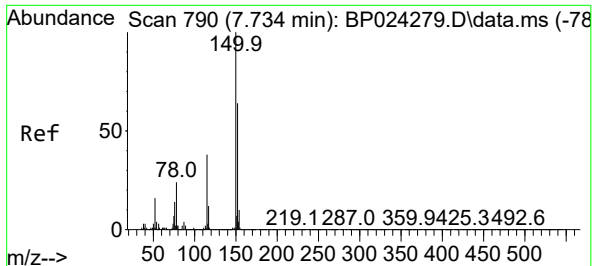
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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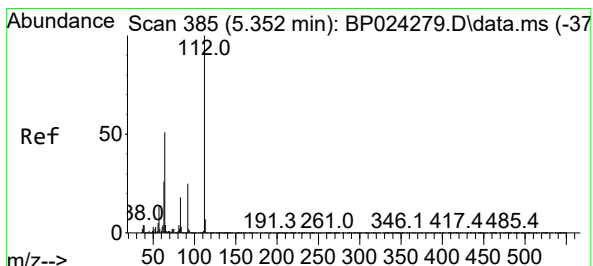
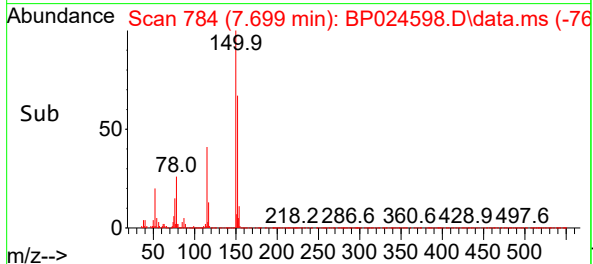
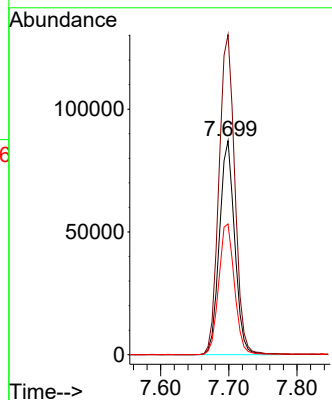
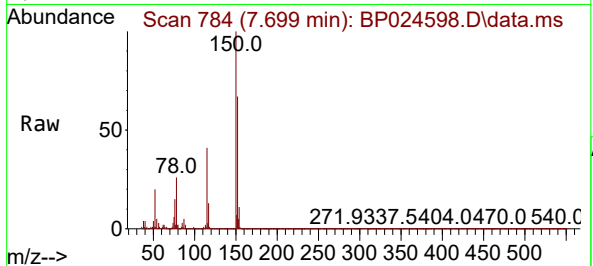




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024598.D
Acq: 09 May 2025 19:51

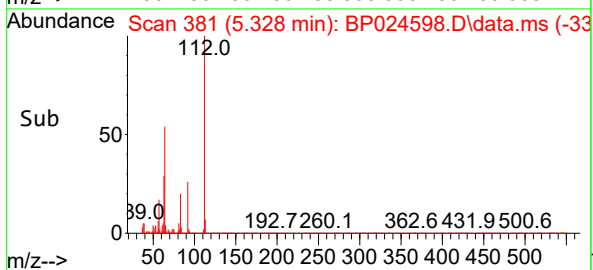
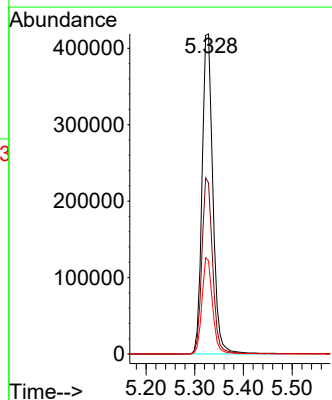
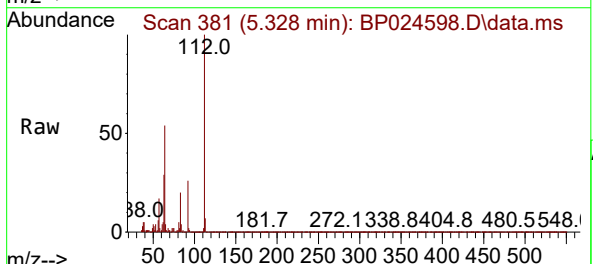
Instrument :
BNA_P
ClientSampleId :
COMP-8

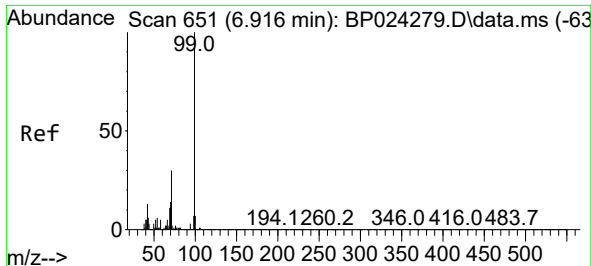
Tgt Ion:152 Resp: 136297
Ion Ratio Lower Upper
152 100
150 149.6 124.9 187.3
115 61.1 47.7 71.5



#5
2-Fluorophenol
Concen: 78.539 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024598.D
Acq: 09 May 2025 19:51

Tgt Ion:112 Resp: 647410
Ion Ratio Lower Upper
112 100
64 53.5 41.1 61.7
63 29.1 20.6 30.8

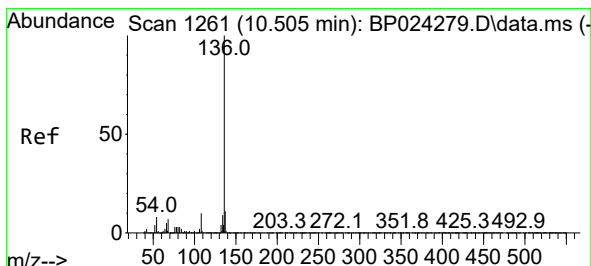
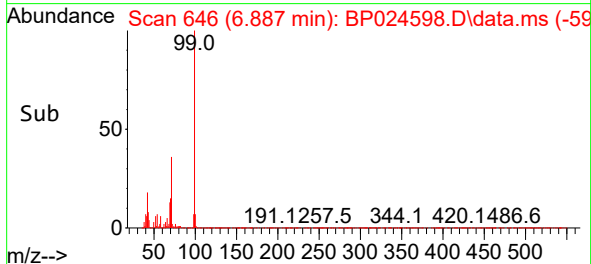
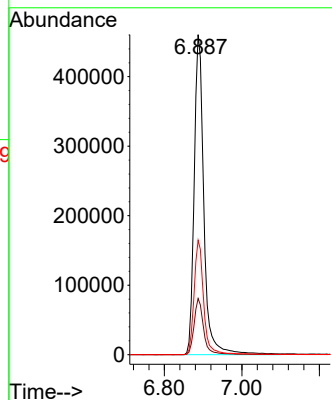
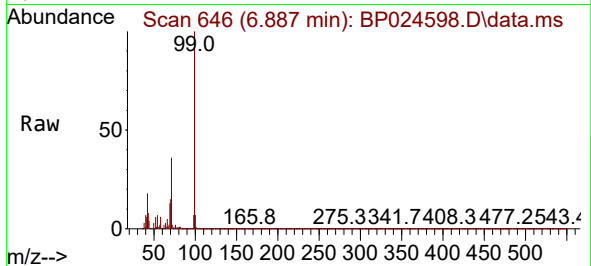




#7
Phenol-d6
Concen: 70.957 ng
RT: 6.887 min Scan# 64
Delta R.T. -0.005 min
Lab File: BP024598.D
Acq: 09 May 2025 19:51

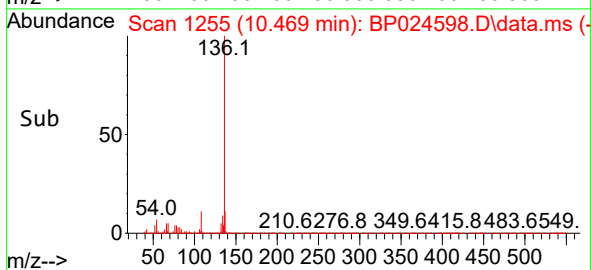
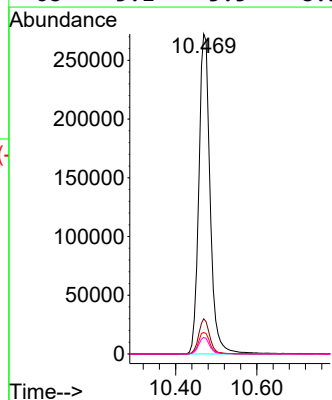
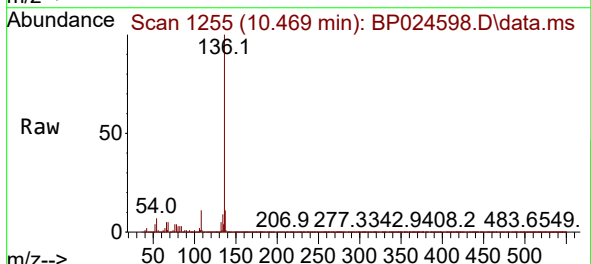
Instrument :
BNA_P
ClientSampleId :
COMP-8

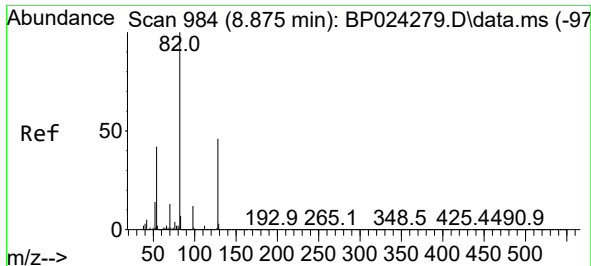
Tgt Ion: 99 Resp: 800906
Ion Ratio Lower Upper
99 100
42 17.5 10.6 16.0#
71 35.8 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024598.D
Acq: 09 May 2025 19:51

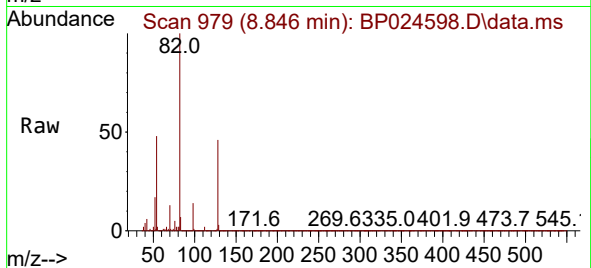
Tgt Ion: 136 Resp: 529062
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.7 6.0 9.0
68 5.1 5.5 8.3#



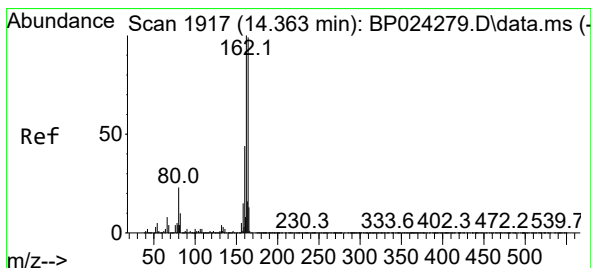
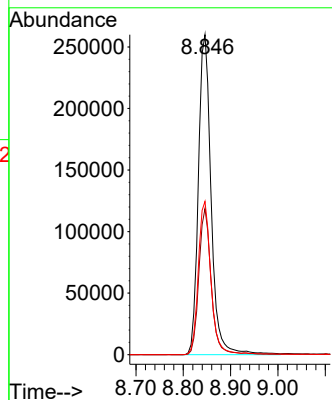
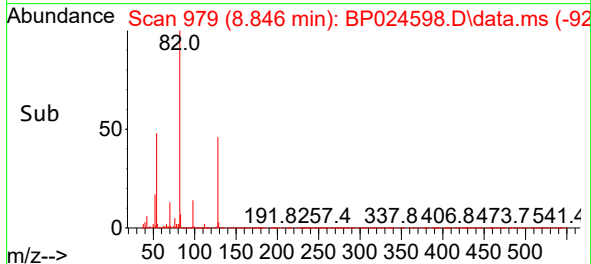


#23
Nitrobenzene-d5
Concen: 52.414 ng
RT: 8.846 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024598.D
Acq: 09 May 2025 19:51

Instrument :
BNA_P
ClientSampleId :
COMP-8

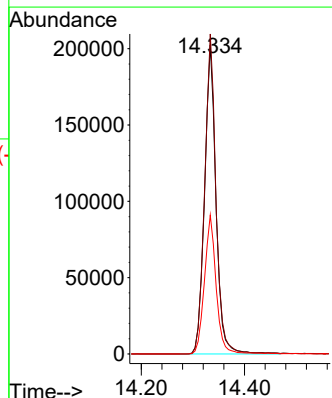
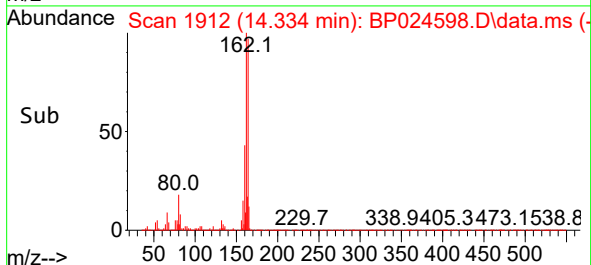
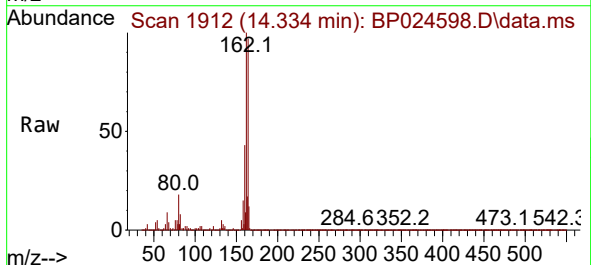


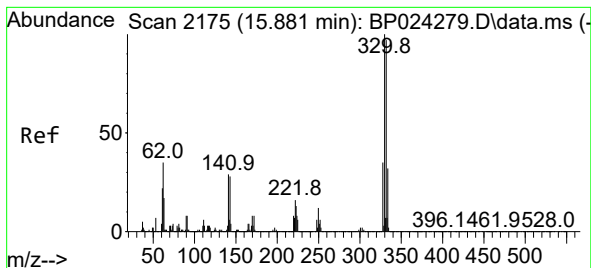
Tgt Ion: 82 Resp: 486318
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 47.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP024598.D
Acq: 09 May 2025 19:51

Tgt Ion: 164 Resp: 311751
Ion Ratio Lower Upper
164 100
162 103.6 80.6 120.8
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 92.433 ng

RT: 15.851 min Scan# 2175

Delta R.T. 0.006 min

Lab File: BP024598.D

Acq: 09 May 2025 19:51

Instrument :

BNA_P

ClientSampleId :

COMP-8

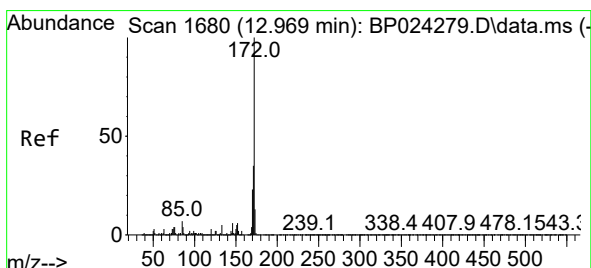
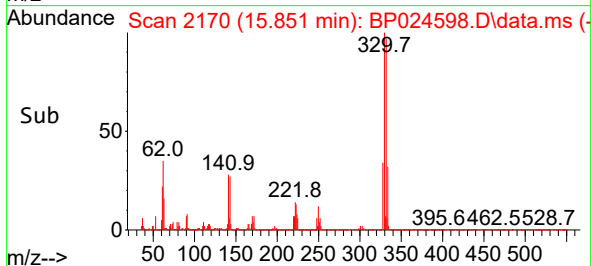
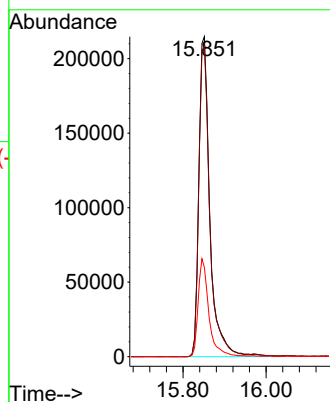
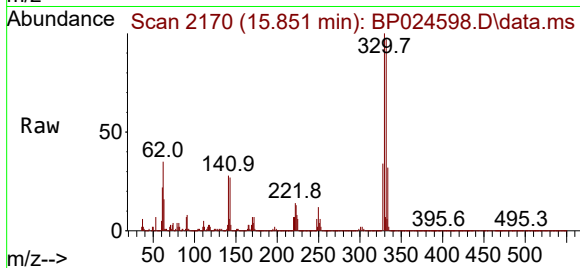
Tgt Ion:330 Resp: 398685

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 29.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 50.252 ng

RT: 12.940 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BP024598.D

Acq: 09 May 2025 19:51

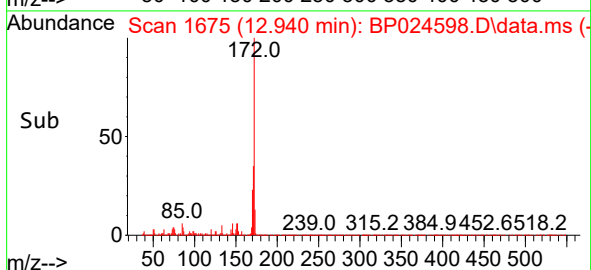
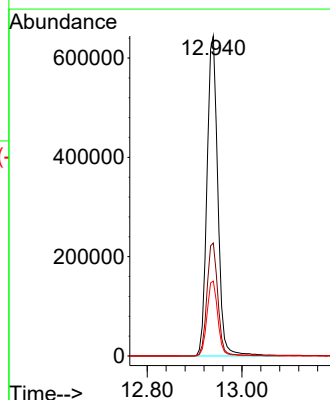
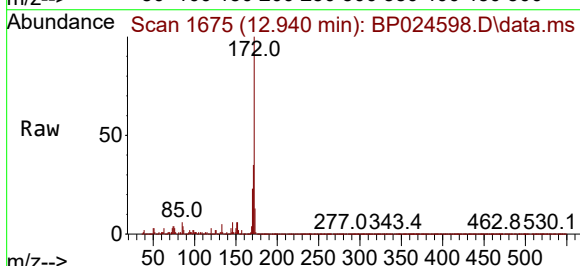
Tgt Ion:172 Resp: 1023188

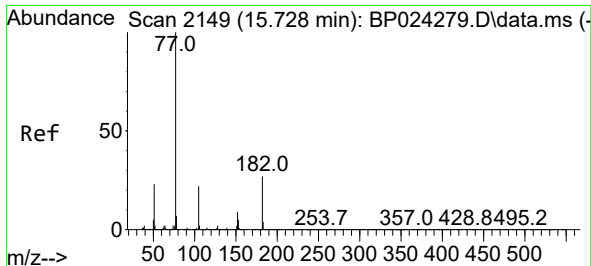
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 18.6 27.8

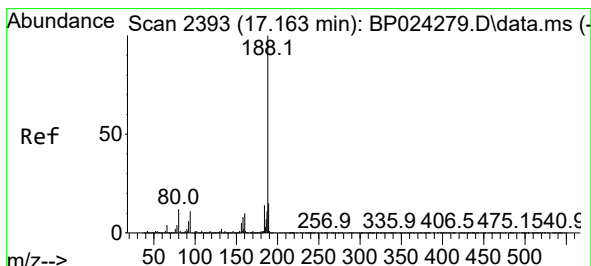
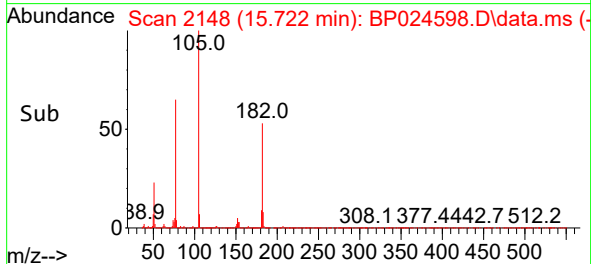
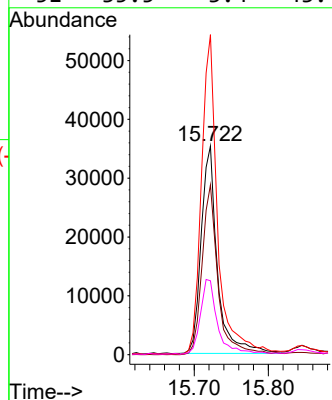
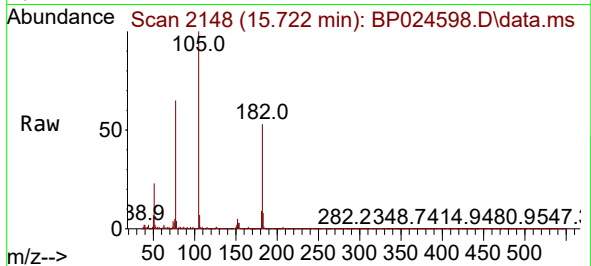




#63
Azobenzene
Concen: 2.514 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.030 min
Lab File: BP024598.D
Acq: 09 May 2025 19:51

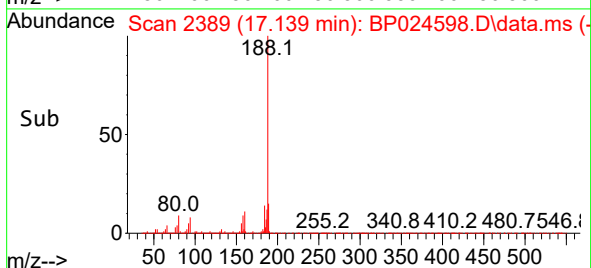
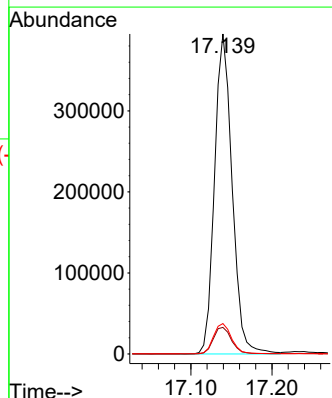
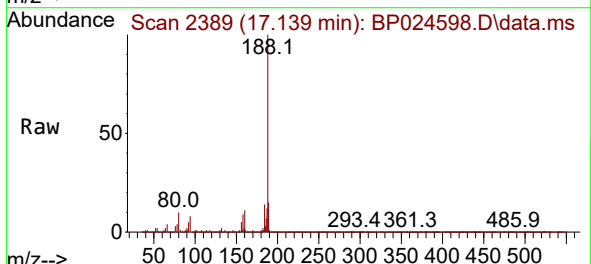
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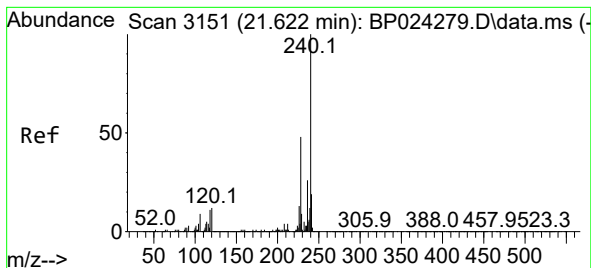
Tgt Ion: 77	Resp: 53982
Ion Ratio	Lower Upper
77 100	
182 81.4	7.3 47.3#
105 153.4	2.3 42.3#
51 35.5	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.012 min
Lab File: BP024598.D
Acq: 09 May 2025 19:51

Tgt Ion: 188	Resp: 595044
Ion Ratio	Lower Upper
188 100	
94 8.3	8.6 13.0#
80 9.5	9.8 14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024598.D

Acq: 09 May 2025 19:51

Instrument :

BNA_P

ClientSampleId :

COMP-8

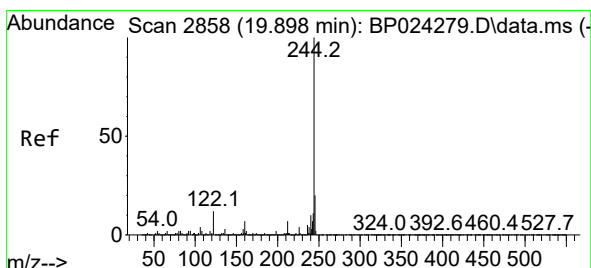
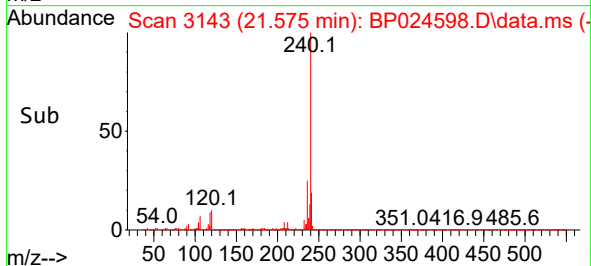
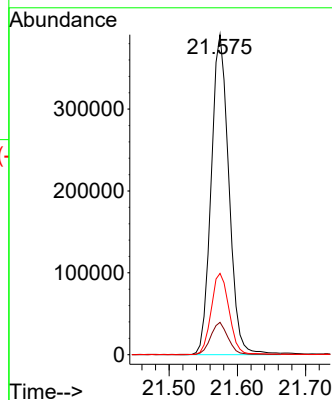
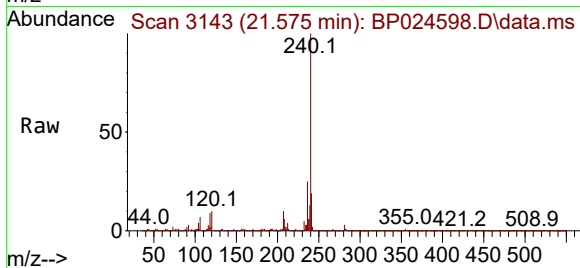
Tgt Ion:240 Resp: 705275

Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 50.059 ng

RT: 19.851 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP024598.D

Acq: 09 May 2025 19:51

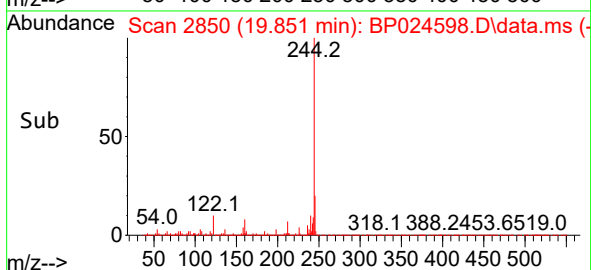
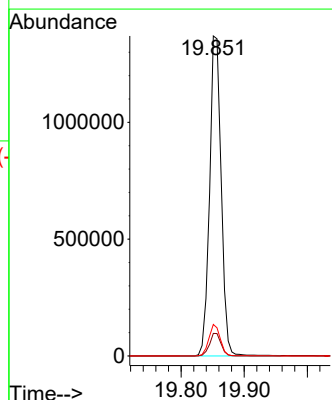
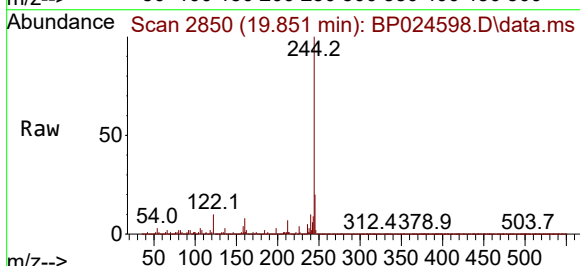
Tgt Ion:244 Resp: 1751579

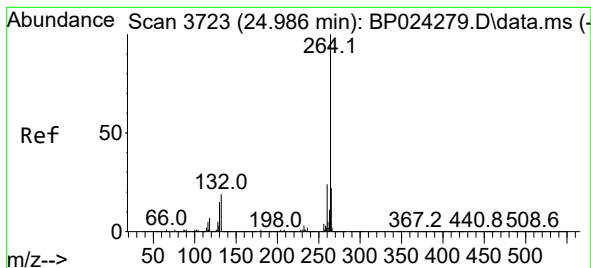
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.9 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.898 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024598.D

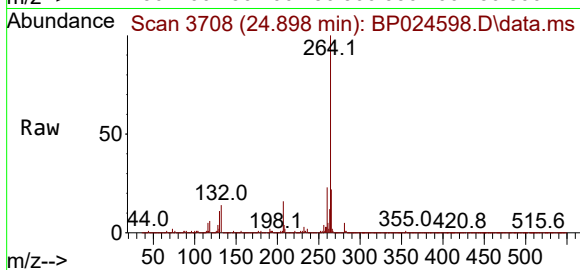
Acq: 09 May 2025 19:51

Instrument :

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Tgt Ion:264 Resp: 840509

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.6 17.8 26.6

