

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024553.D
 Acq On : 06 May 2025 19:10
 Operator : RC/JU
 Sample : Q1956-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB91-3-4

Quant Time: May 07 01:12:23 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	154903	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	597113	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	372722	20.000	ng	-0.01
64) Phenanthrene-d10	17.140	188	751257	20.000	ng	0.00
76) Chrysene-d12	21.580	240	894391	20.000	ng	-0.01
86) Perylene-d12	24.904	264	1072137	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	861910	92.001	ng	-0.01
7) Phenol-d6	6.893	99	1086397	84.689	ng	-0.02
23) Nitrobenzene-d5	8.852	82	646734	61.760	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	570062	110.546	ng	-0.01
45) 2-Fluorobiphenyl	12.946	172	1294296	53.169	ng	-0.02
79) Terphenyl-d14	19.863	244	2161404	48.710	ng	-0.01

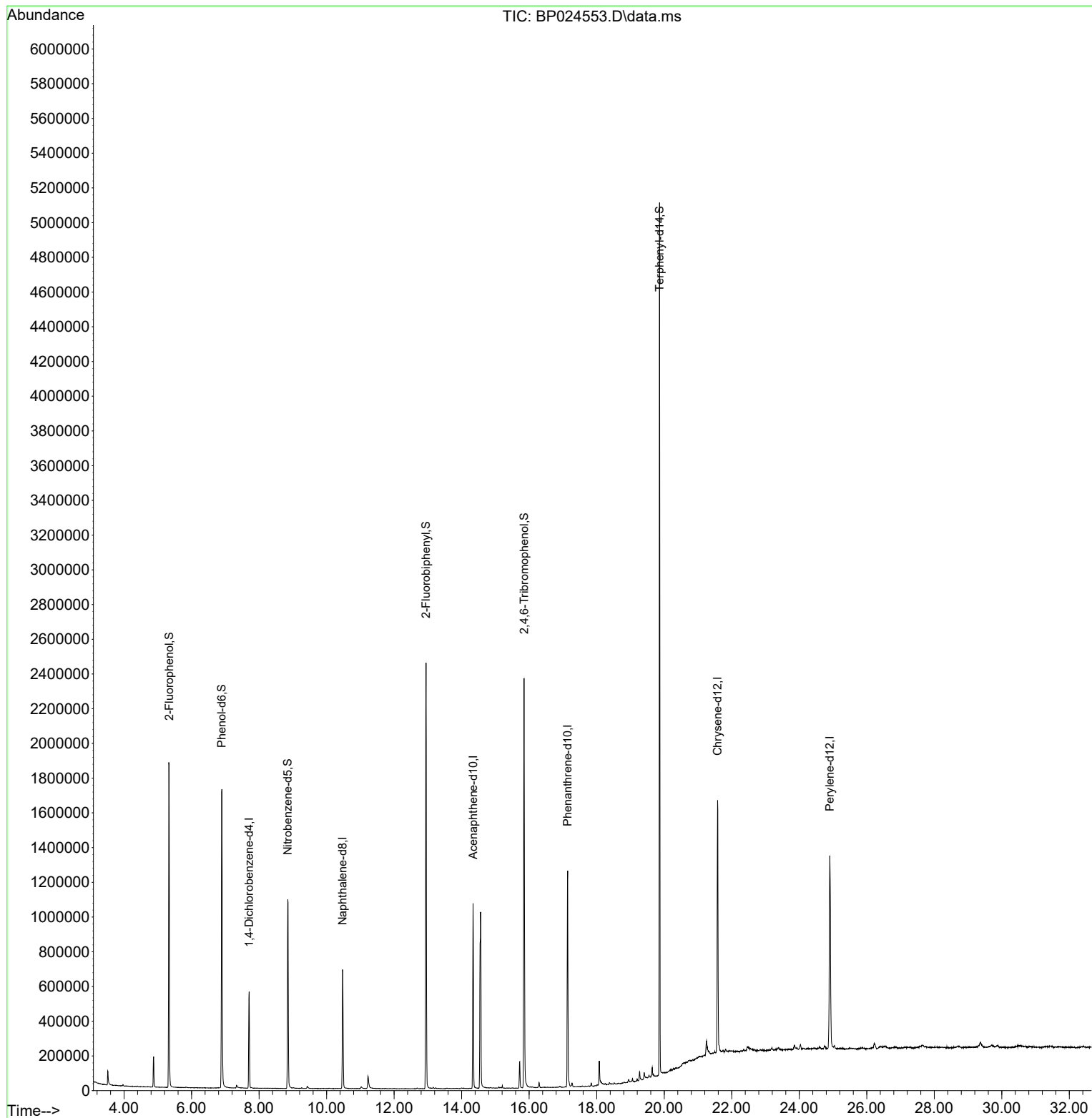
Target Compounds	Qvalue

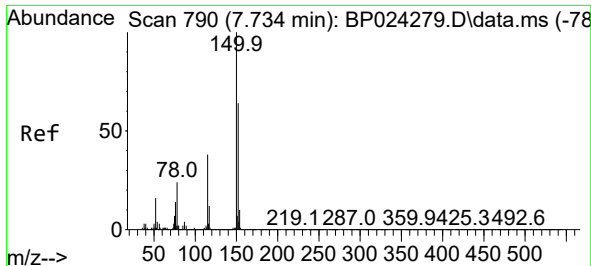
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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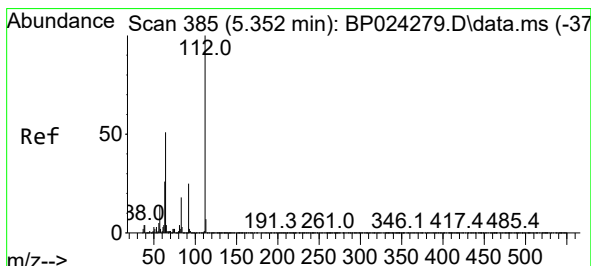
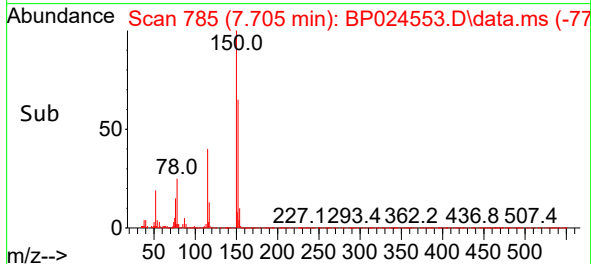
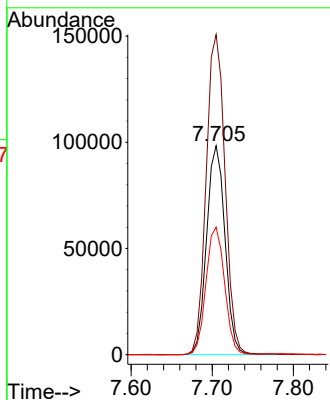
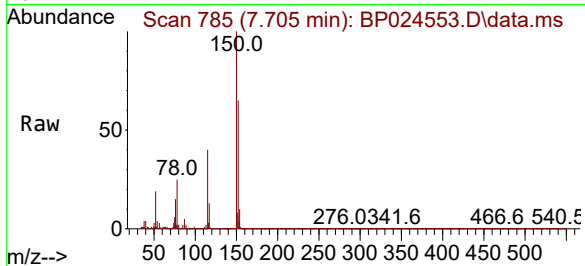




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

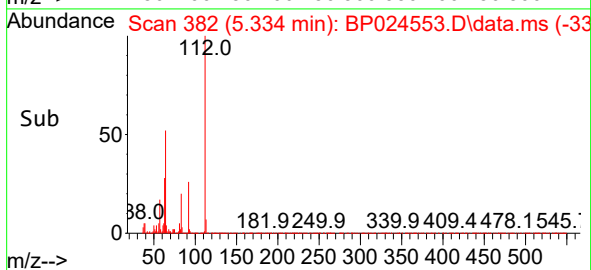
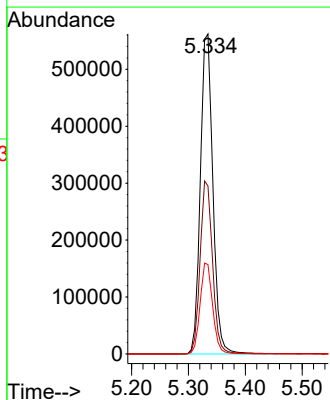
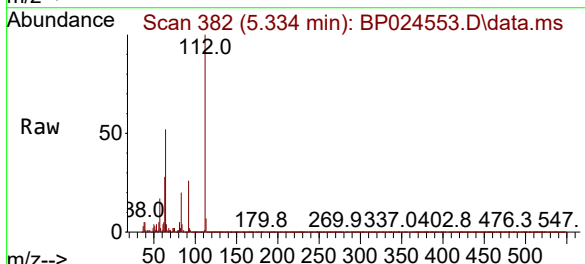
Instrument :
BNA_P
ClientSampleId :
SB91-3-4

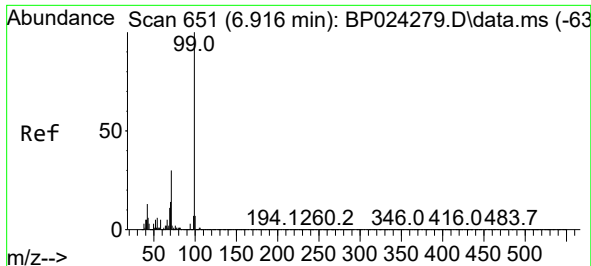
Tgt Ion:152 Resp: 154903
Ion Ratio Lower Upper
152 100
150 153.1 124.9 187.3
115 61.0 47.7 71.5



#5
2-Fluorophenol
Concen: 92.001 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion:112 Resp: 861910
Ion Ratio Lower Upper
112 100
64 52.5 41.1 61.7
63 27.9 20.6 30.8

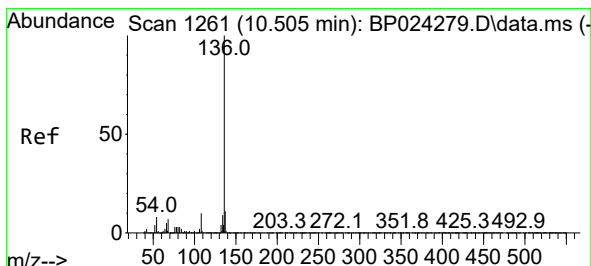
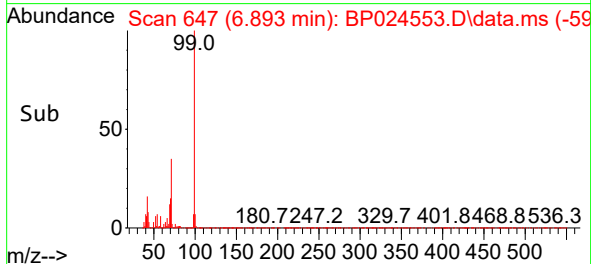
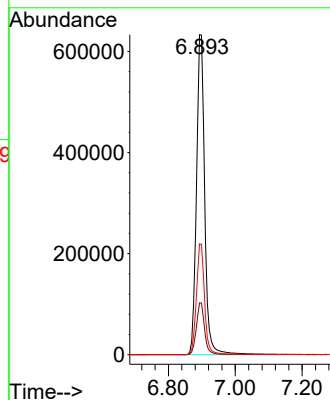
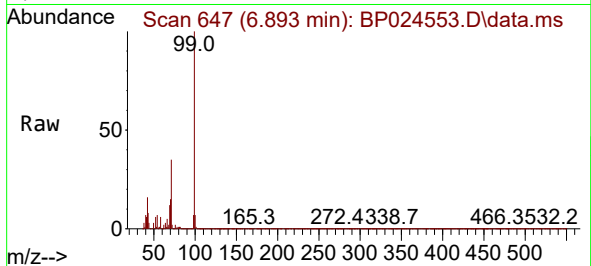




#7
Phenol-d6
Concen: 84.689 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.017 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

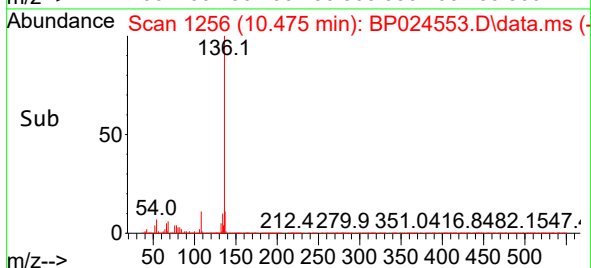
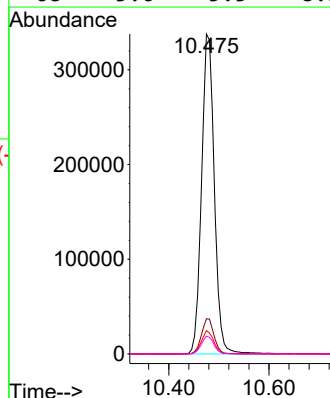
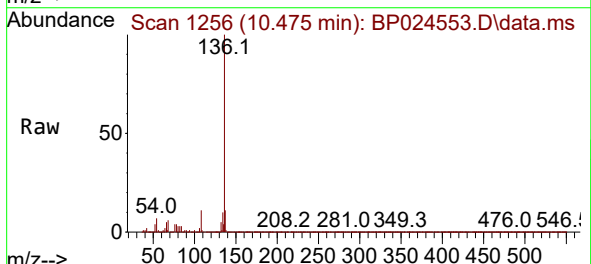
Instrument :
BNA_P
ClientSampleId :
SB91-3-4

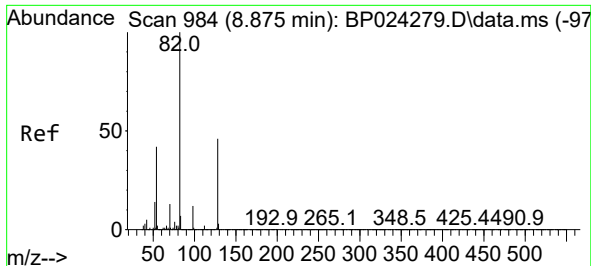
Tgt Ion: 99 Resp: 1086397
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 34.6 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion: 136 Resp: 597113
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.3 6.0 9.0
68 5.6 5.5 8.3

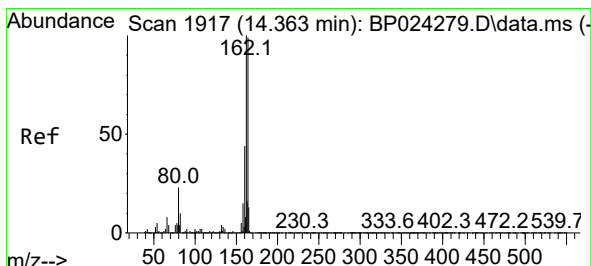
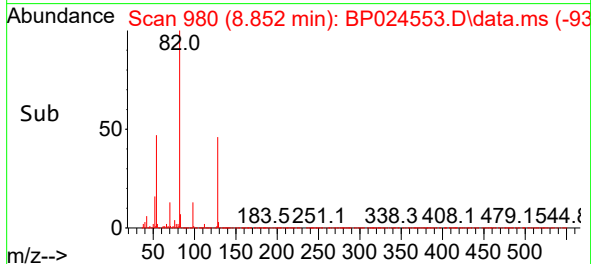
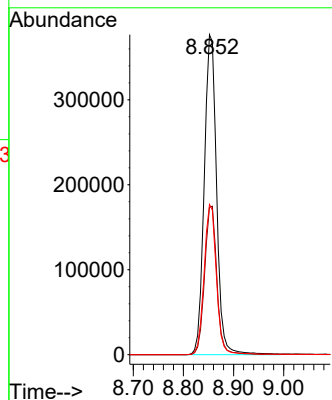
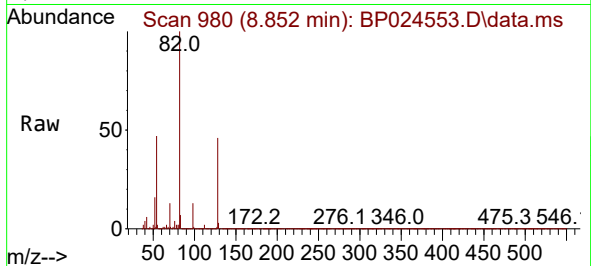




#23
Nitrobenzene-d5
Concen: 61.760 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

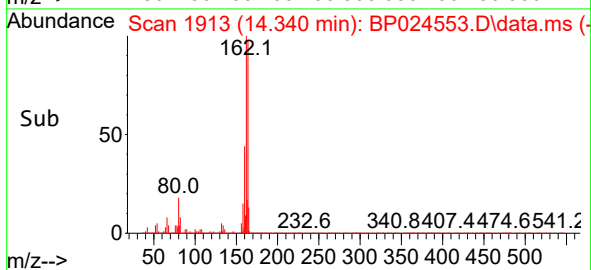
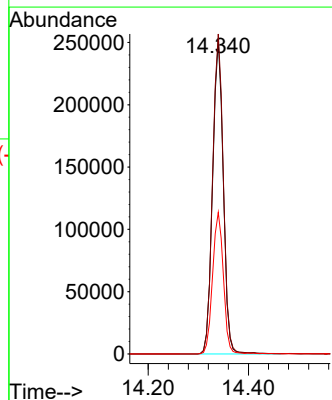
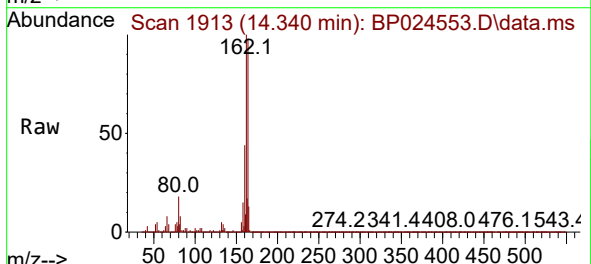
Instrument :
BNA_P
ClientSampleId :
SB91-3-4

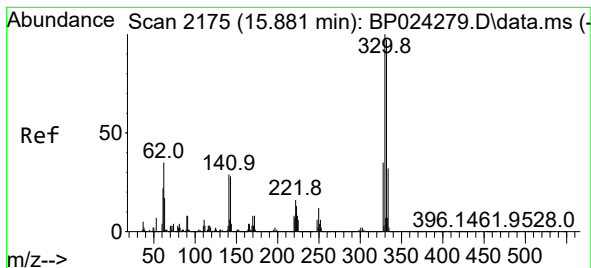
Tgt Ion: 82 Resp: 646734
Ion Ratio Lower Upper
82 100
128 46.0 36.5 54.7
54 47.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion: 164 Resp: 372722
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 110.546 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024553.D

Acq: 06 May 2025 19:10

Instrument :

BNA_P

ClientSampleId :

SB91-3-4

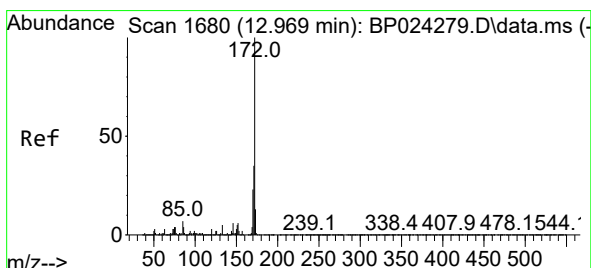
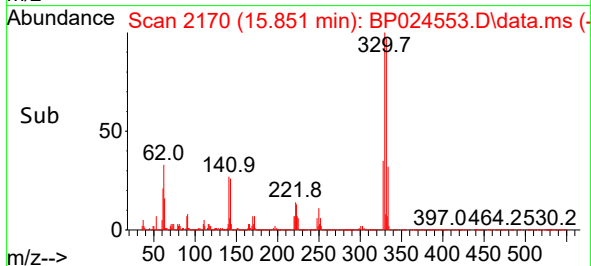
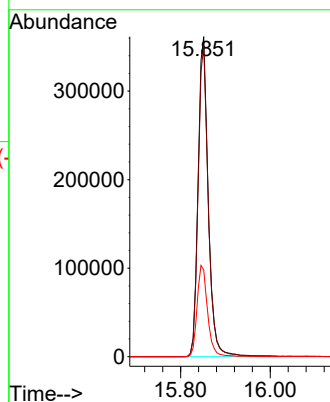
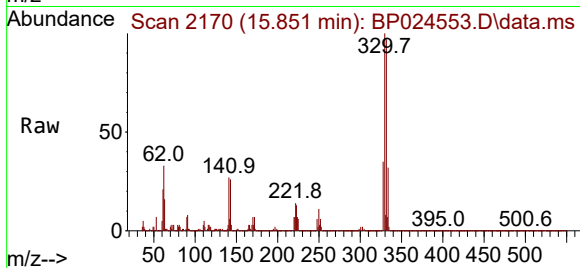
Tgt Ion:330 Resp: 570062

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 29.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 53.169 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.017 min

Lab File: BP024553.D

Acq: 06 May 2025 19:10

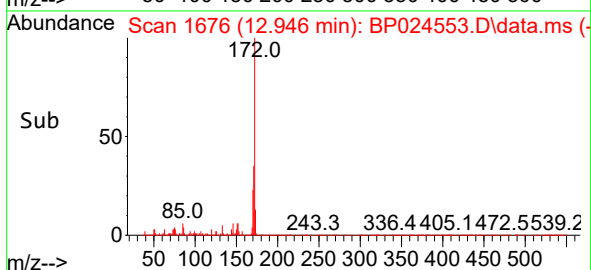
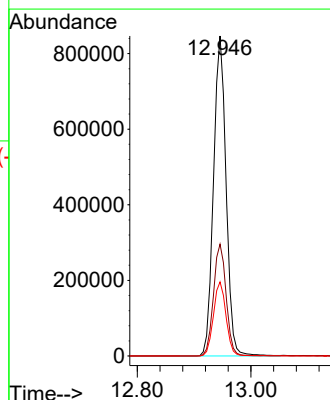
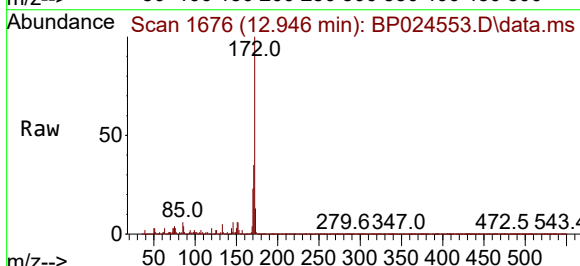
Tgt Ion:172 Resp: 1294296

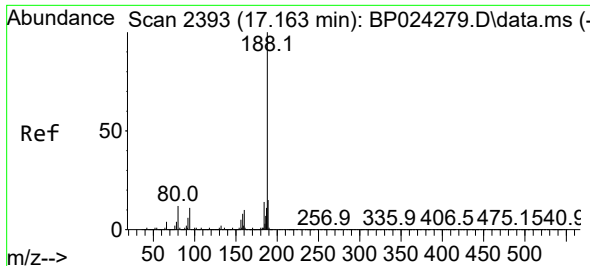
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 18.6 27.8

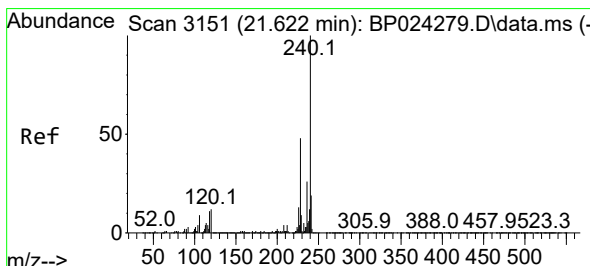
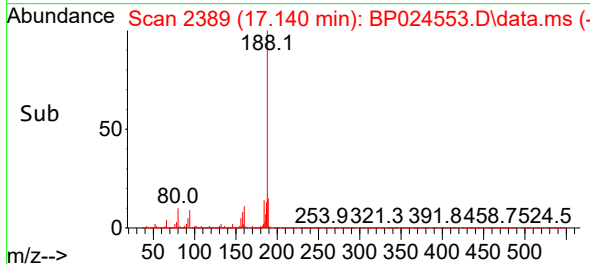
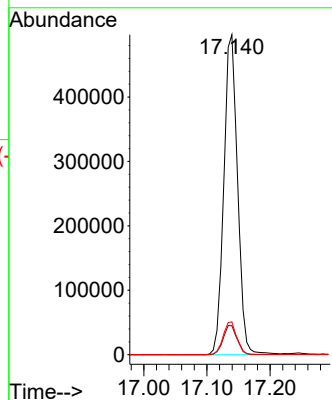
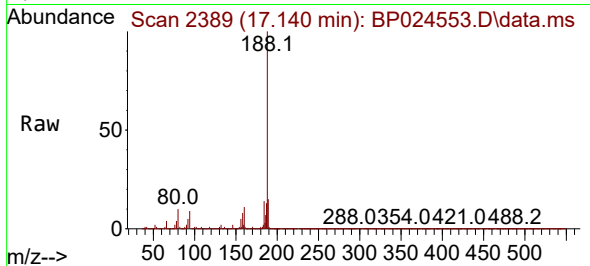




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

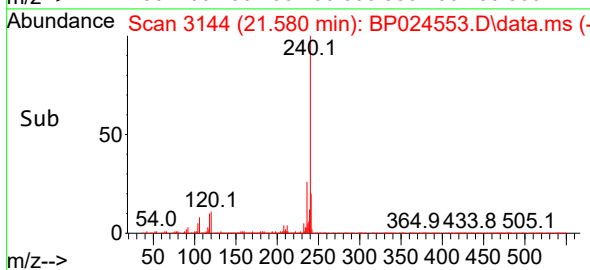
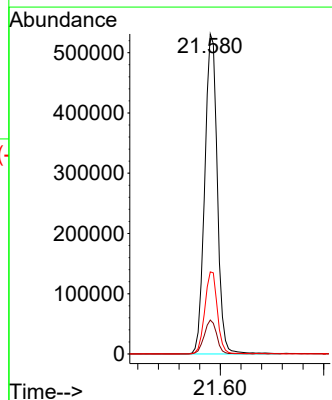
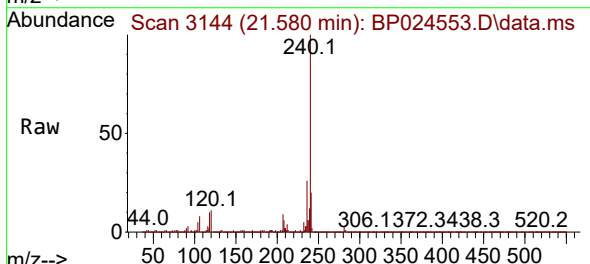
Instrument :
BNA_P
ClientSampleId :
SB91-3-4

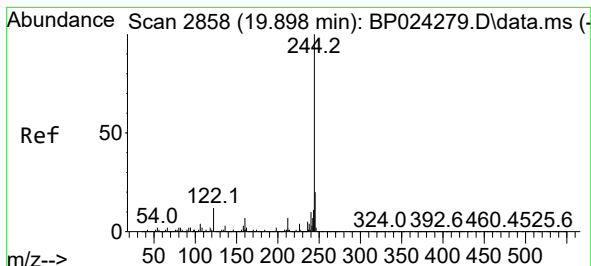
Tgt Ion:188 Resp: 751257
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 10.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion:240 Resp: 894391
Ion Ratio Lower Upper
240 100
120 10.6 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 48.710 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024553.D

Acq: 06 May 2025 19:10

Instrument :

BNA_P

ClientSampleId :

SB91-3-4

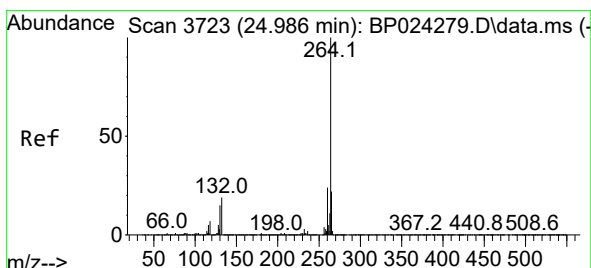
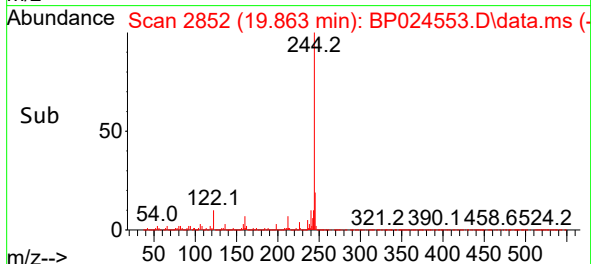
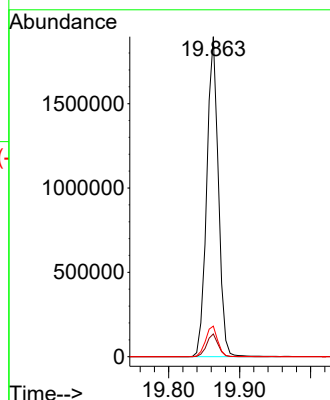
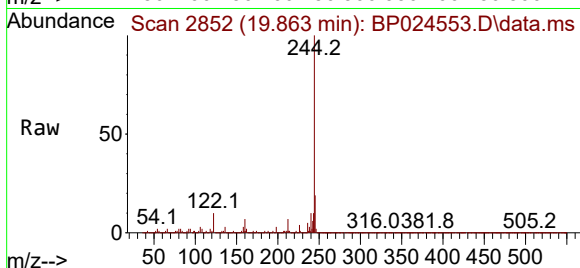
Tgt Ion:244 Resp: 2161404

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.5 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.904 min Scan# 3709

Delta R.T. -0.029 min

Lab File: BP024553.D

Acq: 06 May 2025 19:10

Tgt Ion:264 Resp: 1072137

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.9 17.8 26.6

