

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024456.D
 Acq On : 29 Apr 2025 12:36
 Operator : RC/JU
 Sample : Q1874-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT1491

Quant Time: Apr 29 13:06:24 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	7.716	152	167572	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	651484	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	401110	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	835543	20.000	ng	0.00
76) Chrysene-d12	21.598	240	971142	20.000	ng	0.00
86) Perylene-d12	24.945	264	1078228	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1045041	103.116	ng	0.00
7) Phenol-d6	6.904	99	1186941	85.532	ng	0.00
23) Nitrobenzene-d5	8.857	82	874857	76.572	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	869772	156.728	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1931390	73.725	ng	-0.01
79) Terphenyl-d14	19.874	244	4110209	85.309	ng	0.00

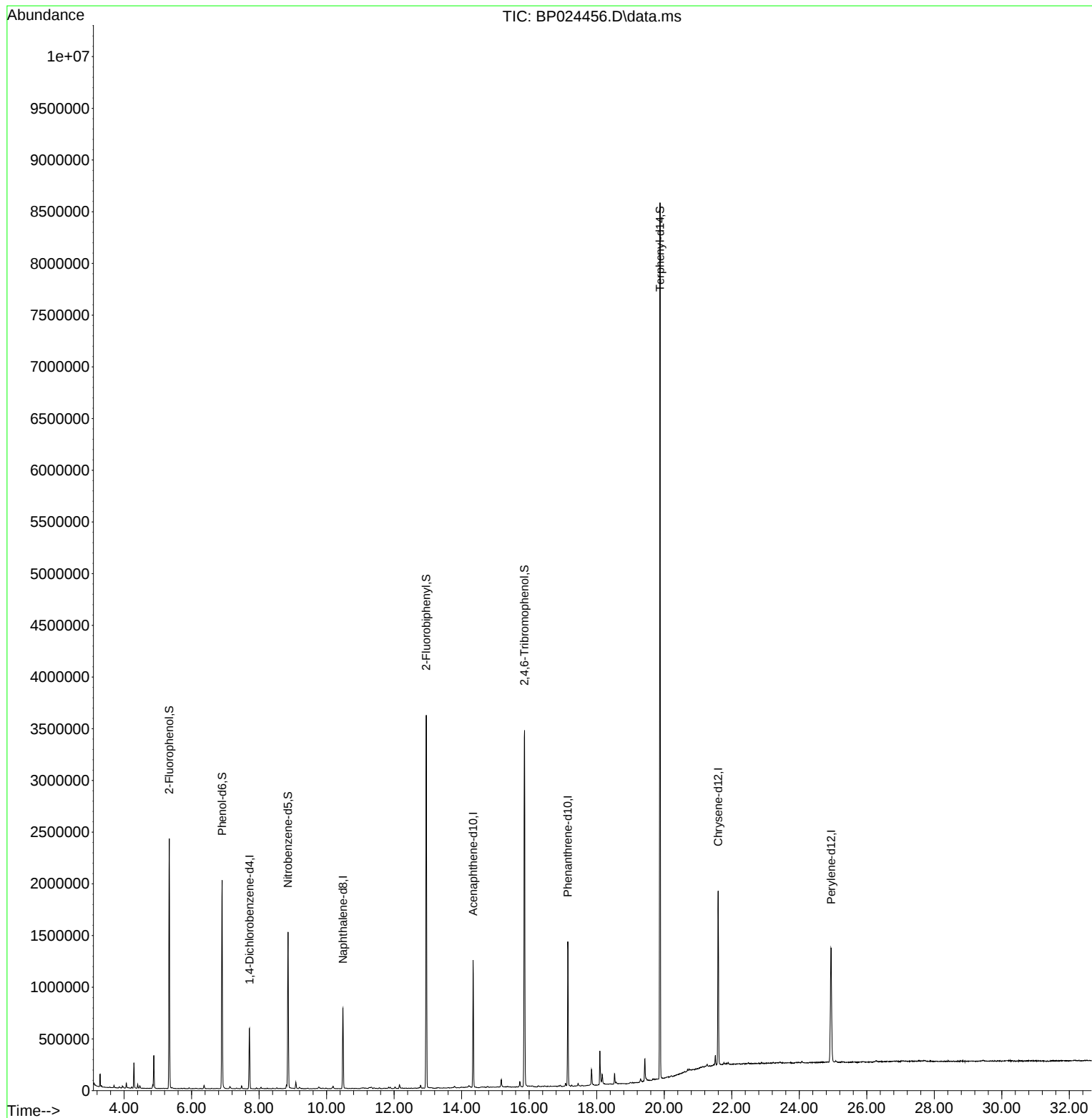
Target Compounds	Qvalue

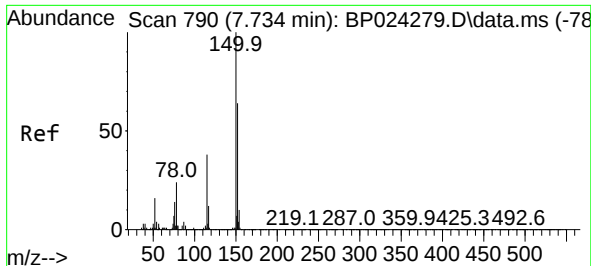
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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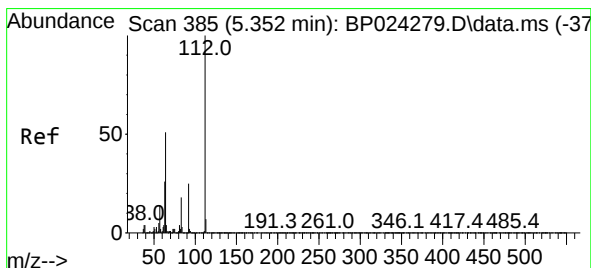
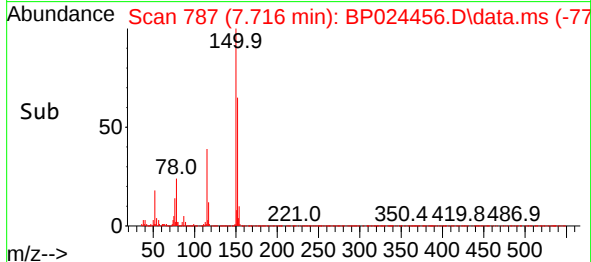
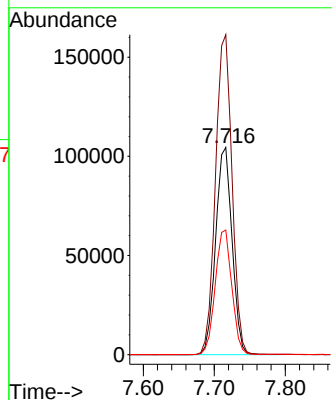
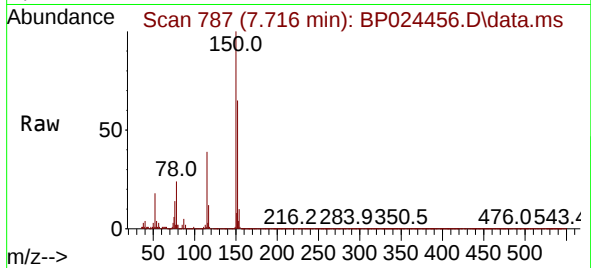




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024456.D
Acq: 29 Apr 2025 12:36

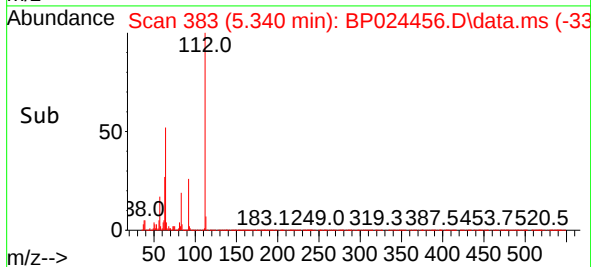
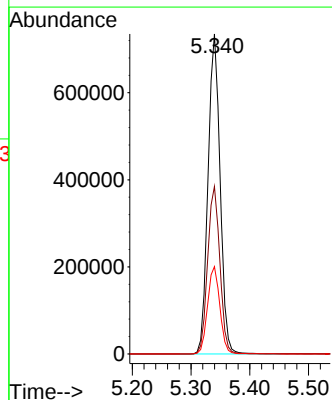
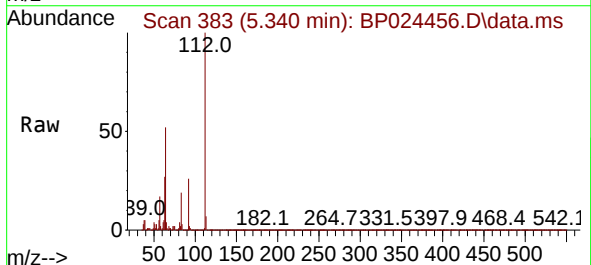
Instrument :
BNA_P
ClientSampleId :
RT1491

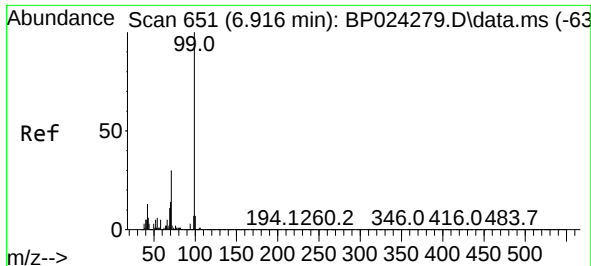
Tgt Ion:152 Resp: 167572
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 60.1 47.7 71.5



#5
2-Fluorophenol
Concen: 103.116 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024456.D
Acq: 29 Apr 2025 12:36

Tgt Ion:112 Resp: 1045041
Ion Ratio Lower Upper
112 100
64 52.3 41.1 61.7
63 27.3 20.6 30.8

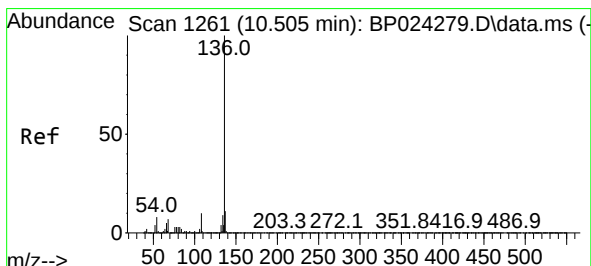
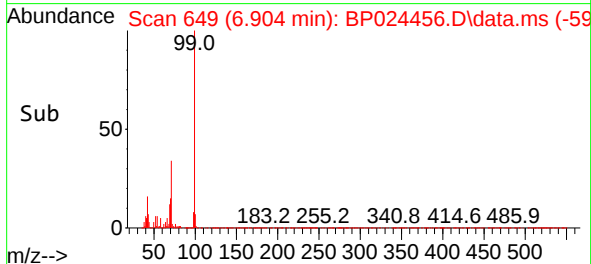
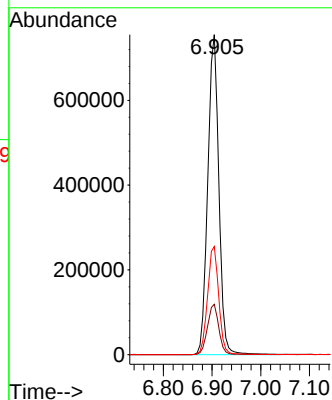
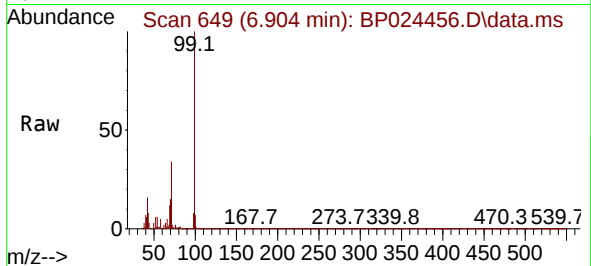




#7
Phenol-d6
Concen: 85.532 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024456.D
Acq: 29 Apr 2025 12:36

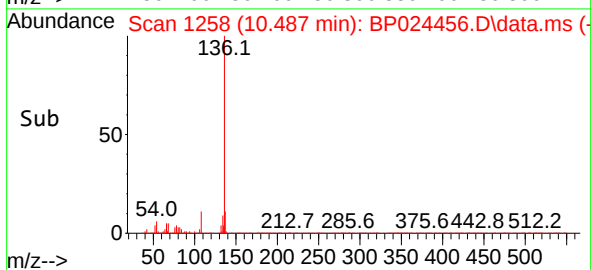
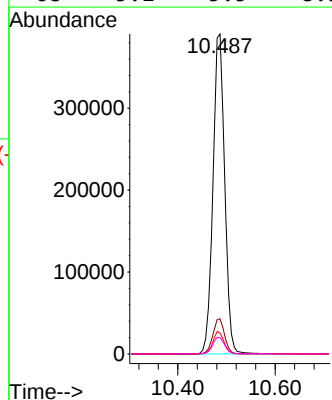
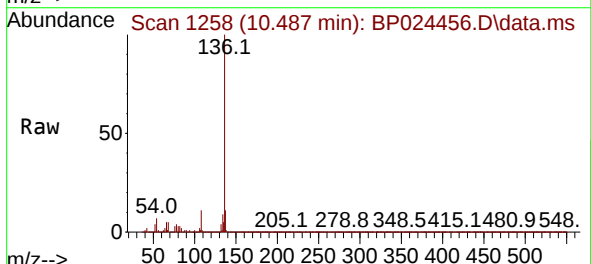
Instrument :
BNA_P
ClientSampleId :
RT1491

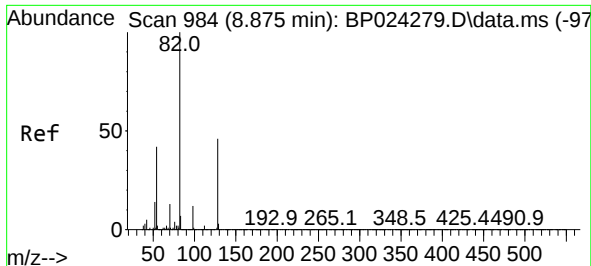
Tgt Ion: 99 Resp: 1186941
Ion Ratio Lower Upper
99 100
42 15.8 10.6 16.0
71 33.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024456.D
Acq: 29 Apr 2025 12:36

Tgt Ion: 136 Resp: 651484
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#

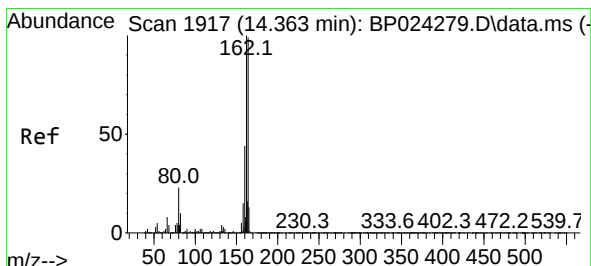
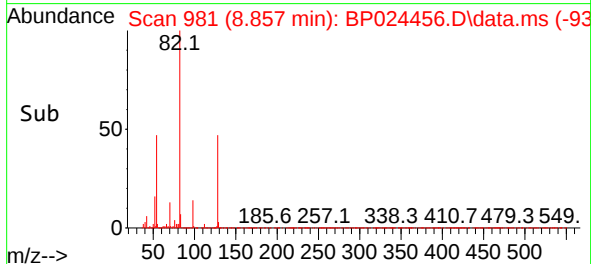
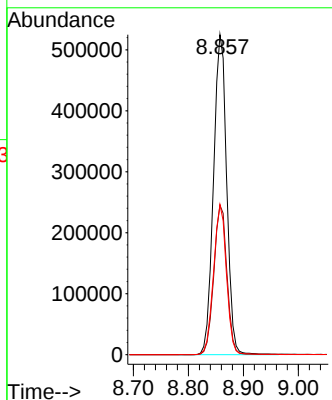
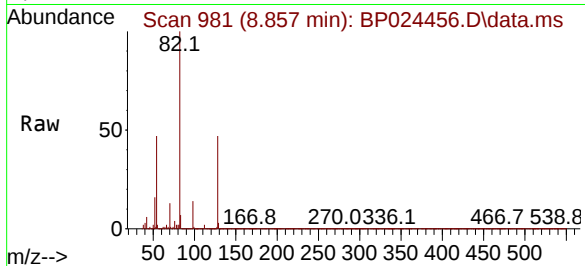




#23
Nitrobenzene-d5
Concen: 76.572 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024456.D
Acq: 29 Apr 2025 12:36

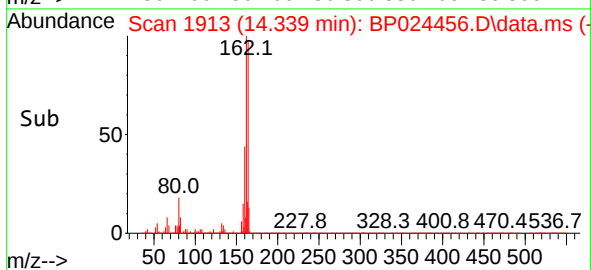
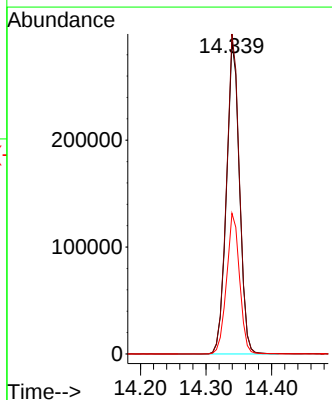
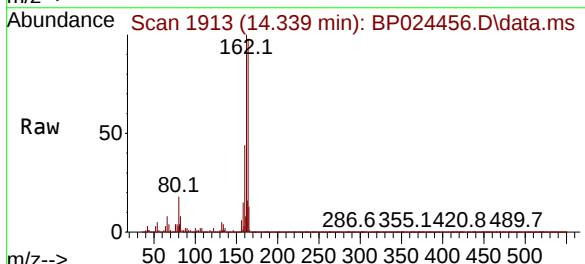
Instrument :
BNA_P
ClientSampleId :
RT1491

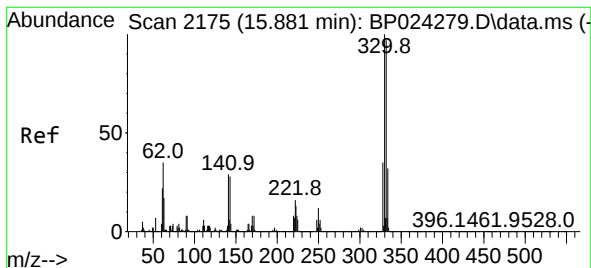
Tgt Ion: 82 Resp: 874857
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 46.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024456.D
Acq: 29 Apr 2025 12:36

Tgt Ion: 164 Resp: 401110
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 156.728 ng

RT: 15.863 min Scan# 2175

Delta R.T. -0.000 min

Lab File: BP024456.D

Acq: 29 Apr 2025 12:36

Instrument :

BNA_P

ClientSampleId :

RT1491

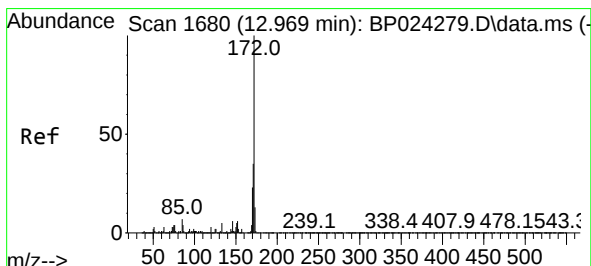
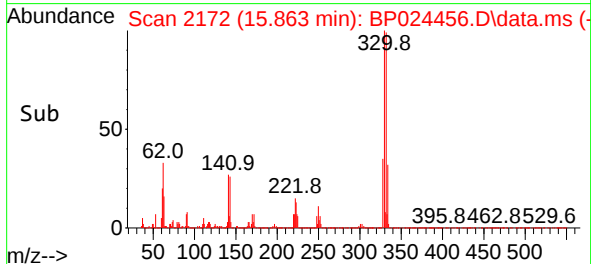
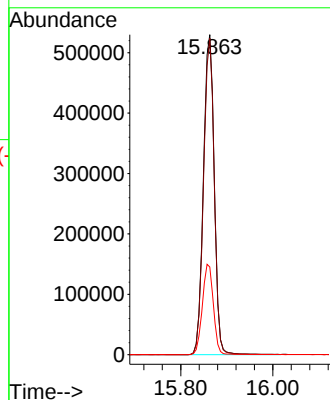
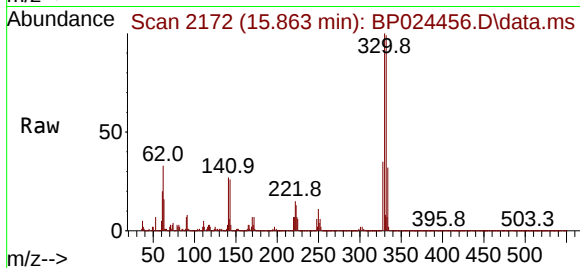
Tgt Ion:330 Resp: 869772

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 28.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 73.725 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024456.D

Acq: 29 Apr 2025 12:36

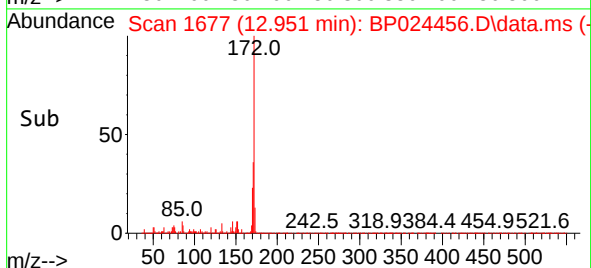
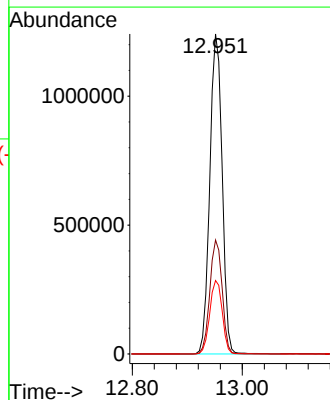
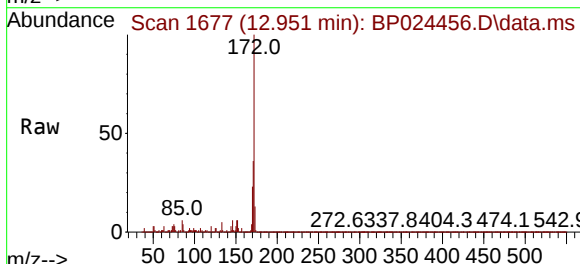
Tgt Ion:172 Resp: 1931390

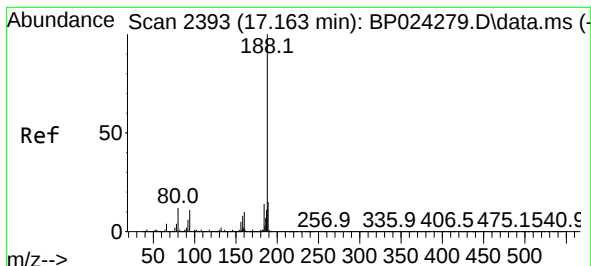
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.0 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: BP024456.D

Acq: 29 Apr 2025 12:36

Instrument :

BNA_P

ClientSampleId :

RT1491

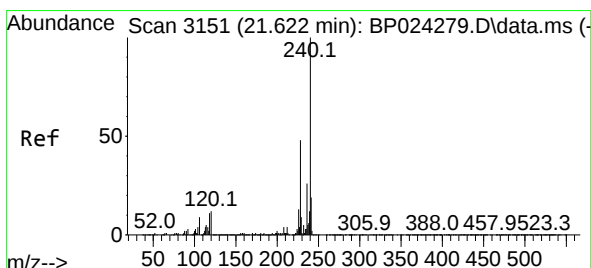
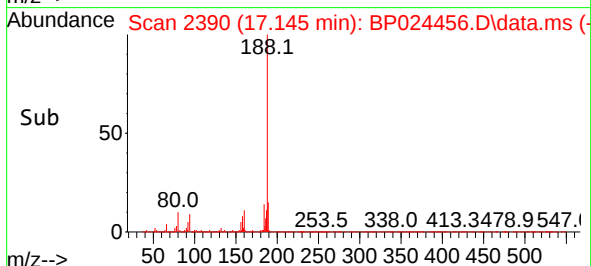
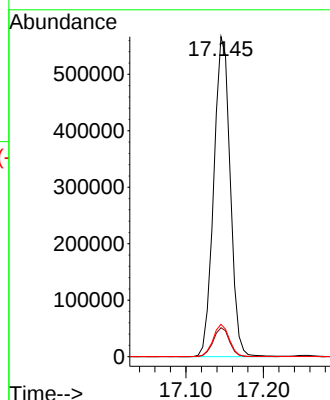
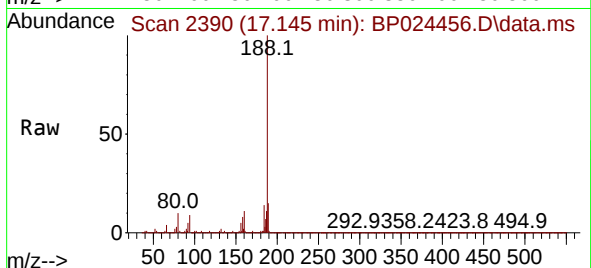
Tgt Ion:188 Resp: 835543

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 10.1 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP024456.D

Acq: 29 Apr 2025 12:36

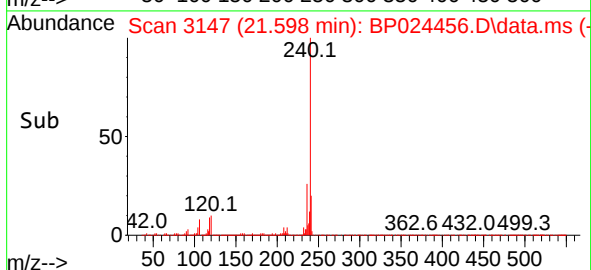
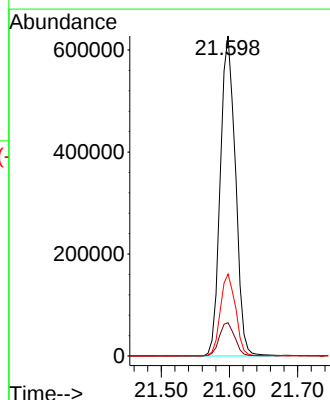
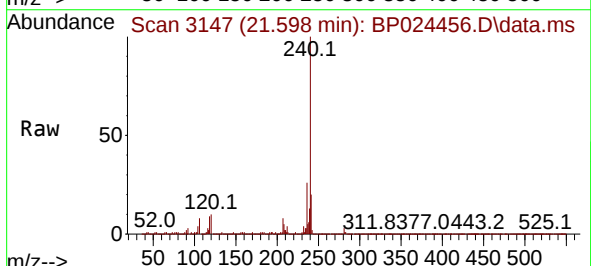
Tgt Ion:240 Resp: 971142

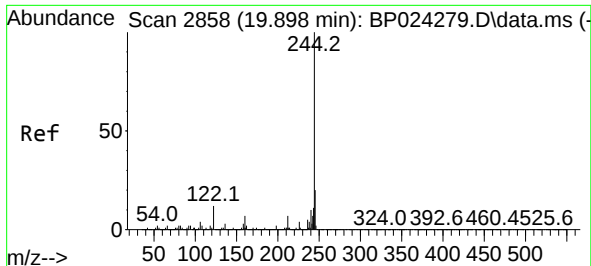
Ion Ratio Lower Upper

240 100

120 10.4 9.8 14.8

236 25.6 20.9 31.3

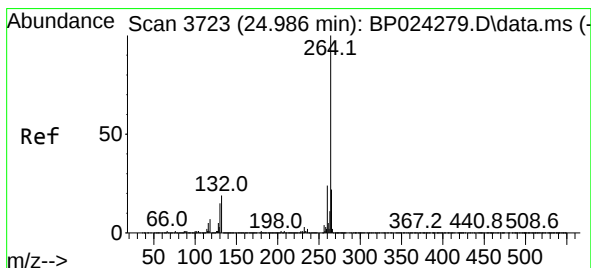
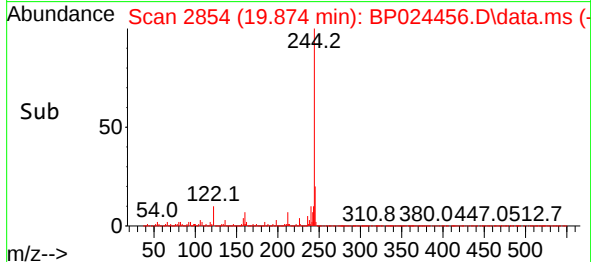
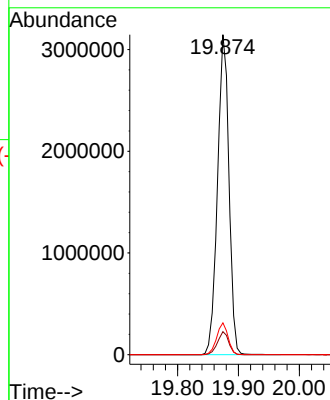
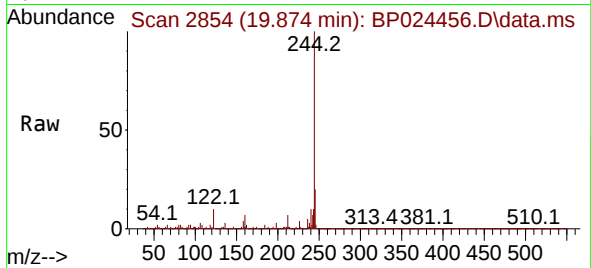




#79
 Terphenyl-d14
 Concen: 85.309 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024456.D
 Acq: 29 Apr 2025 12:36

Instrument :
 BNA_P
 ClientSampleId :
 RT1491

Tgt Ion:244 Resp: 4110209
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 9.9 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.945 min Scan# 3716
 Delta R.T. 0.012 min
 Lab File: BP024456.D
 Acq: 29 Apr 2025 12:36

Tgt Ion:264 Resp: 1078228
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 21.7 17.8 26.6

