

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024298.D
 Acq On : 15 Apr 2025 17:29
 Operator : RC/JU
 Sample : Q1787-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Apr 15 17:57:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	310395	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1170331	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	660047	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1229660	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1296791	20.000	ng	0.00
86) Perylene-d12	24.986	264	1362208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2425355	129.197	ng	0.00
7) Phenol-d6	6.911	99	2787869	108.457	ng	0.00
23) Nitrobenzene-d5	8.875	82	2067161	100.717	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1248491	136.715	ng	-0.01
45) 2-Fluorobiphenyl	12.975	172	3992554	92.615	ng	0.00
79) Terphenyl-d14	19.892	244	6334862	98.465	ng	-0.03

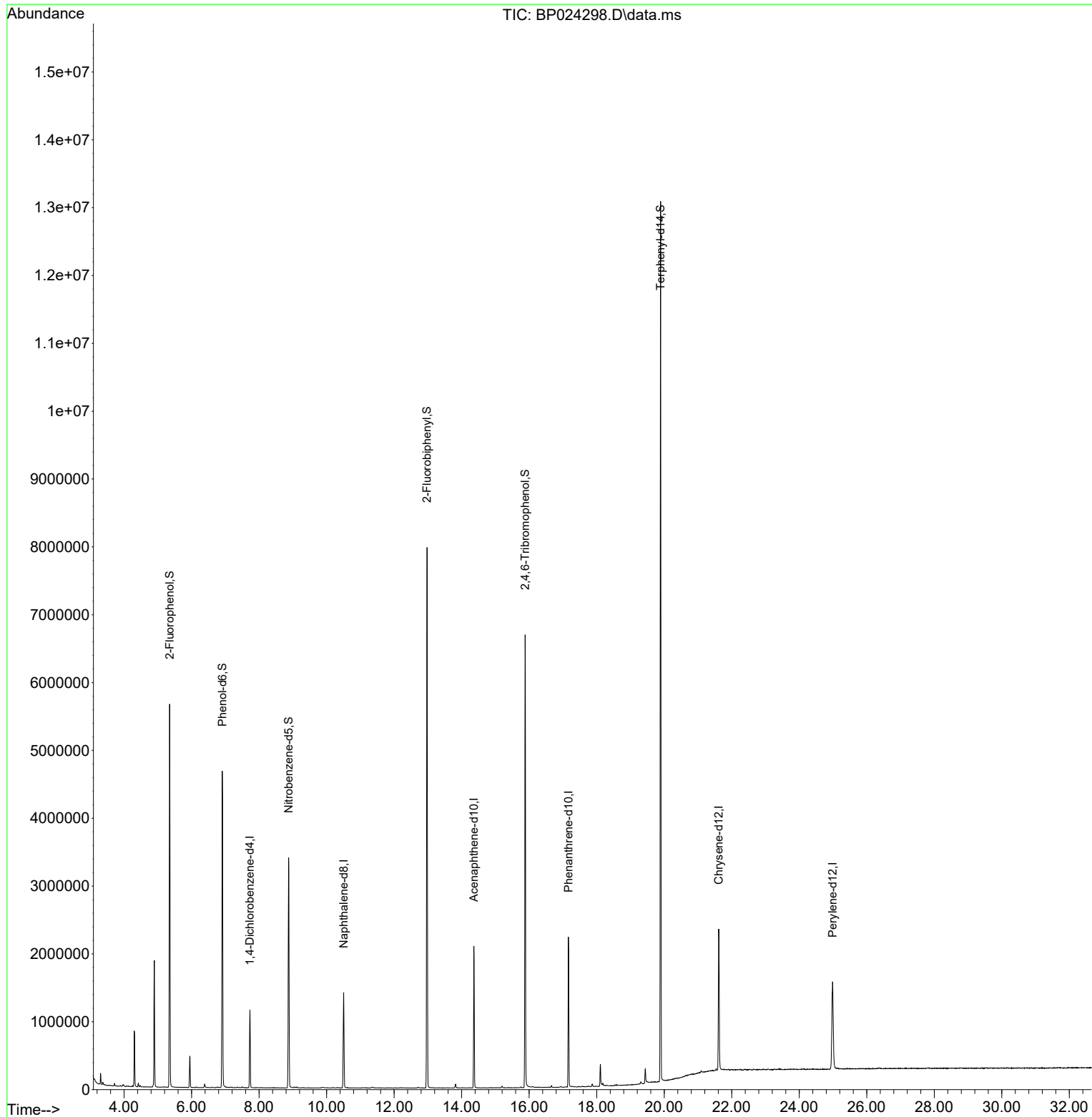
Target Compounds	Qvalue

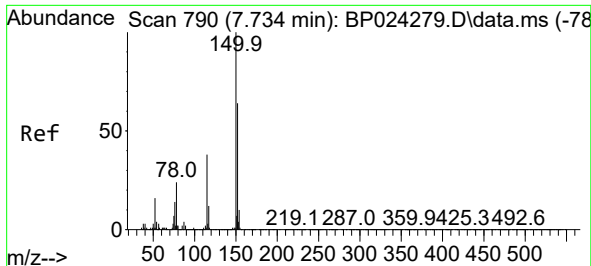
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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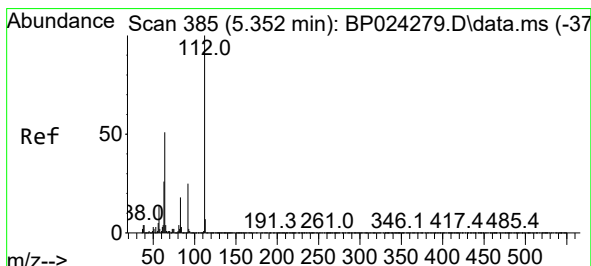
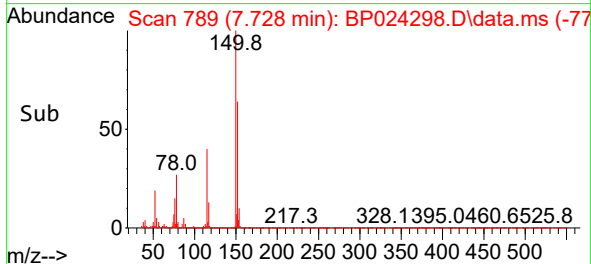
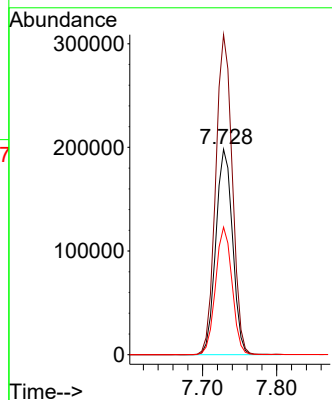
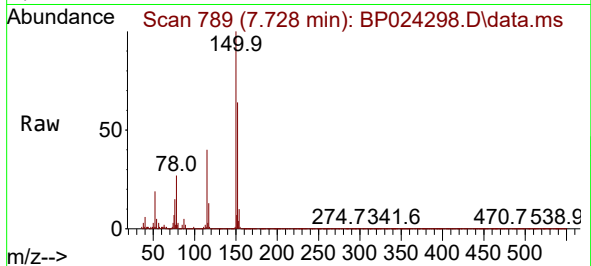




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024298.D
Acq: 15 Apr 2025 17:29

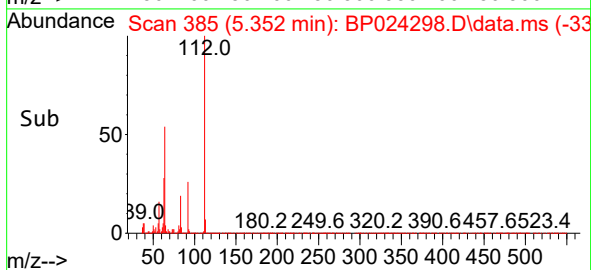
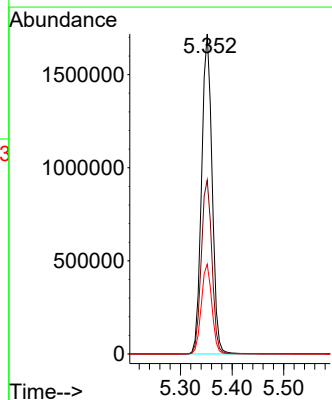
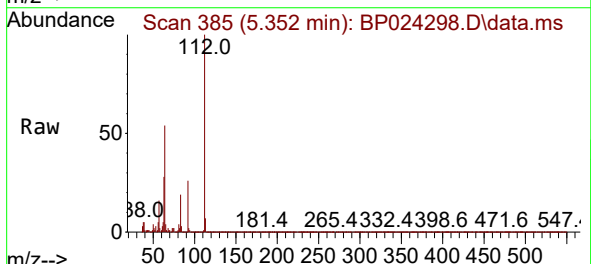
Instrument :
BNA_P
ClientSampleId :
TP-1

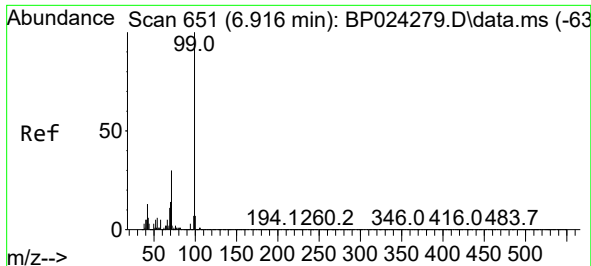
Tgt Ion:152 Resp: 310395
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 62.1 47.7 71.5



#5
2-Fluorophenol
Concen: 129.197 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024298.D
Acq: 15 Apr 2025 17:29

Tgt Ion:112 Resp: 2425355
Ion Ratio Lower Upper
112 100
64 54.4 41.1 61.7
63 28.0 20.6 30.8

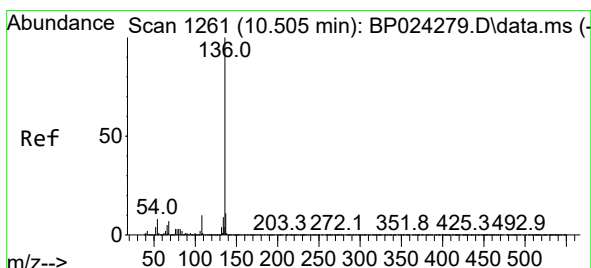
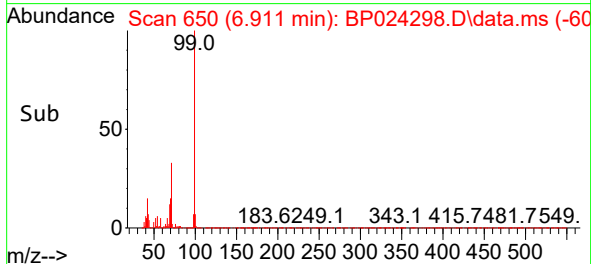
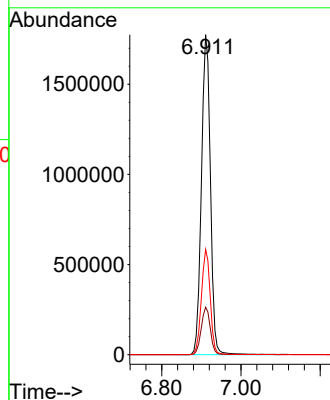
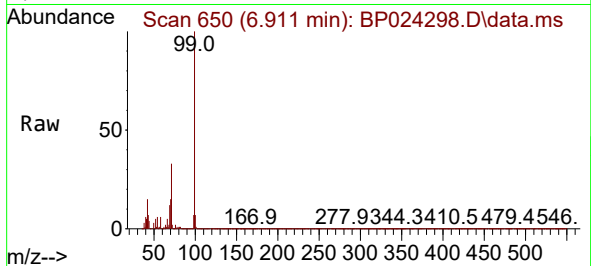




#7
Phenol-d6
Concen: 108.457 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024298.D
Acq: 15 Apr 2025 17:29

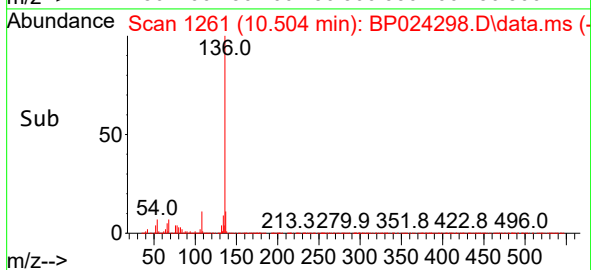
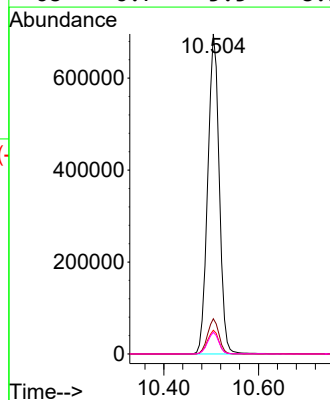
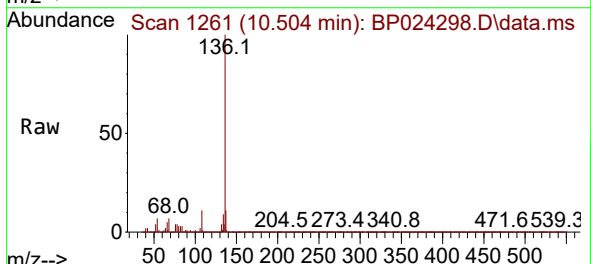
Instrument :
BNA_P
ClientSampleId :
TP-1

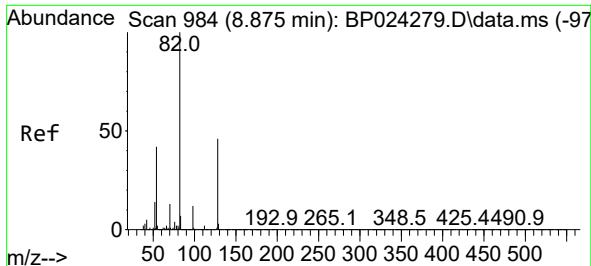
Tgt Ion: 99 Resp: 2787869
Ion Ratio Lower Upper
99 100
42 14.9 10.6 16.0
71 32.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024298.D
Acq: 15 Apr 2025 17:29

Tgt Ion: 136 Resp: 1170331
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.4 6.0 9.0
68 6.7 5.5 8.3

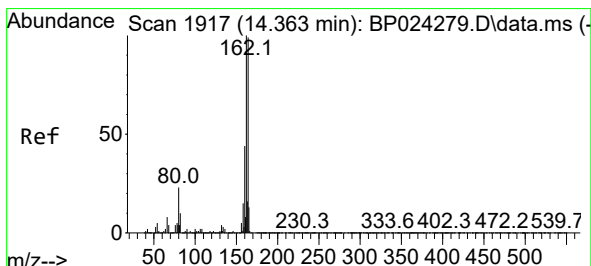
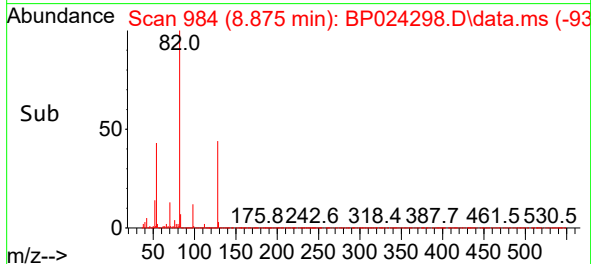
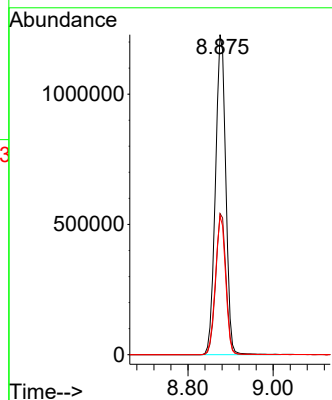
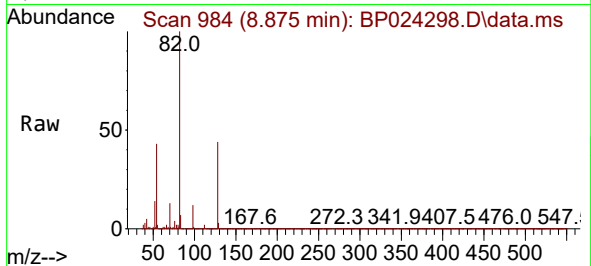




#23
Nitrobenzene-d5
Concen: 100.717 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP024298.D
Acq: 15 Apr 2025 17:29

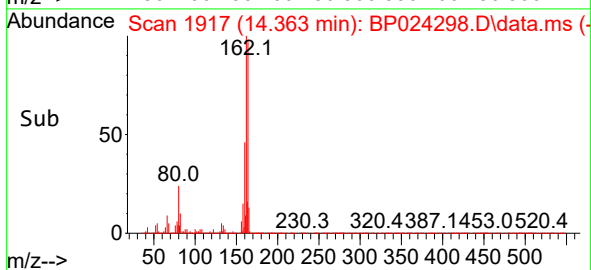
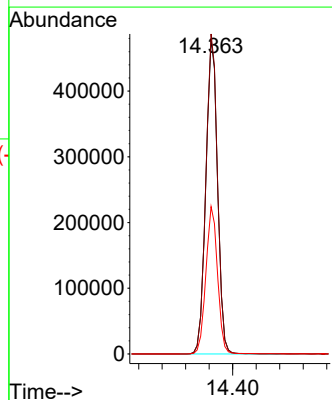
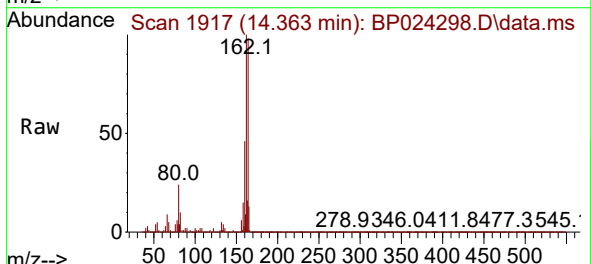
Instrument :
BNA_P
ClientSampleId :
TP-1

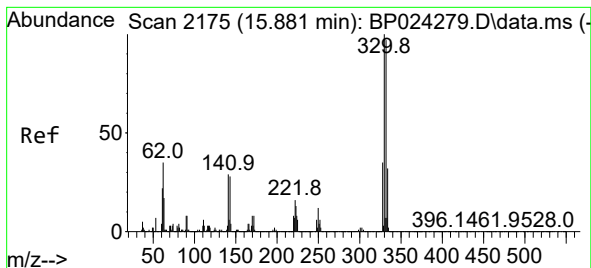
Tgt Ion: 82 Resp: 2067161
Ion Ratio Lower Upper
82 100
128 44.1 36.5 54.7
54 43.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024298.D
Acq: 15 Apr 2025 17:29

Tgt Ion:164 Resp: 660047
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 46.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 136.715 ng

RT: 15.881 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024298.D

Acq: 15 Apr 2025 17:29

Instrument :

BNA_P

ClientSampleId :

TP-1

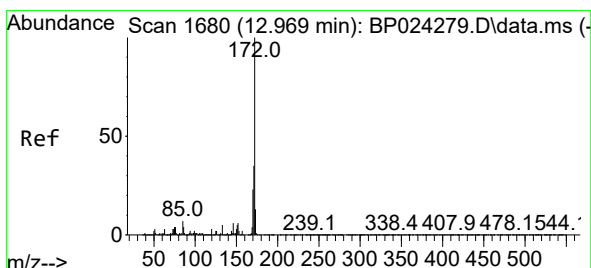
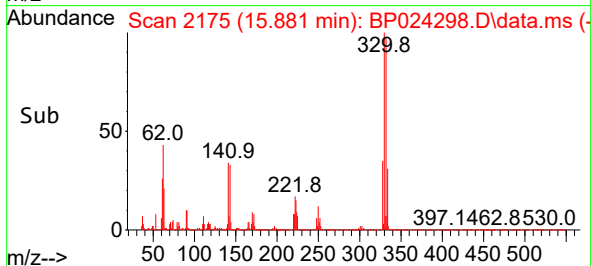
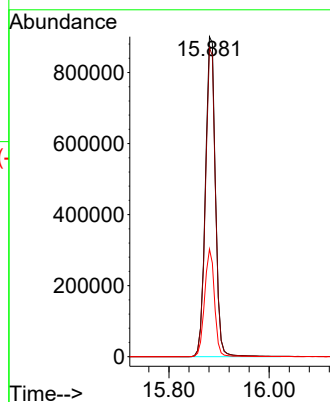
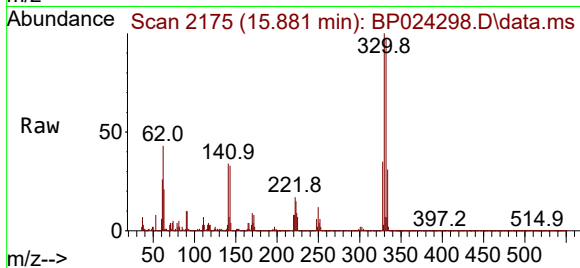
Tgt Ion:330 Resp: 1248491

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 33.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 92.615 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP024298.D

Acq: 15 Apr 2025 17:29

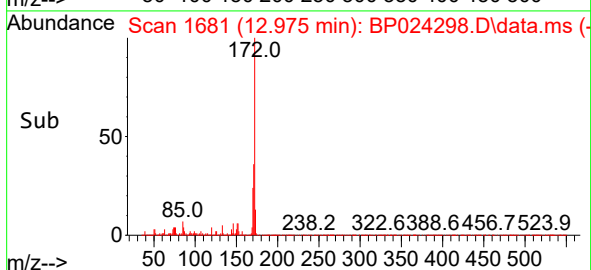
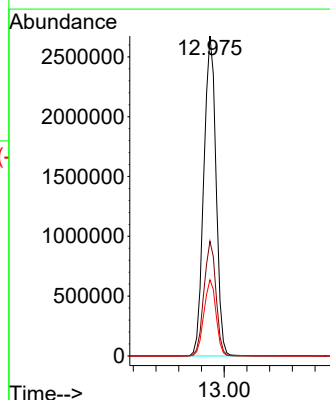
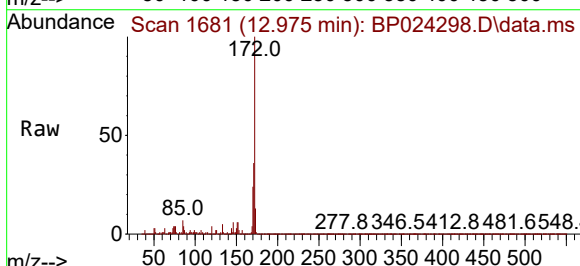
Tgt Ion:172 Resp: 3992554

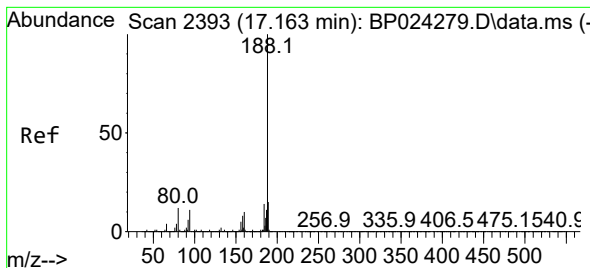
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024298.D

Acq: 15 Apr 2025 17:29

Instrument :

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ClientSampleId :

TP-1

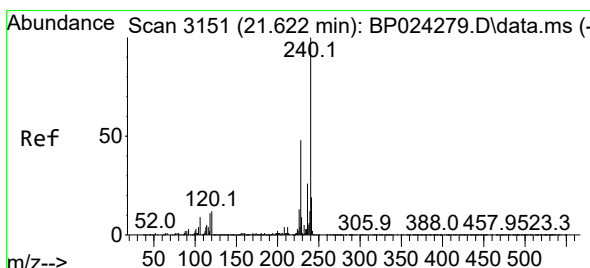
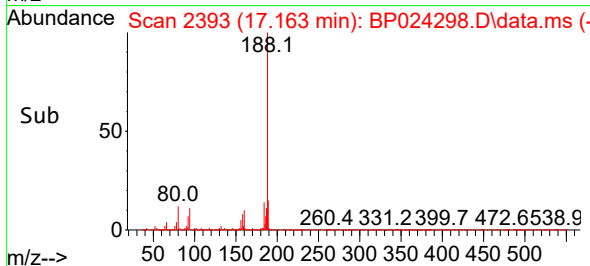
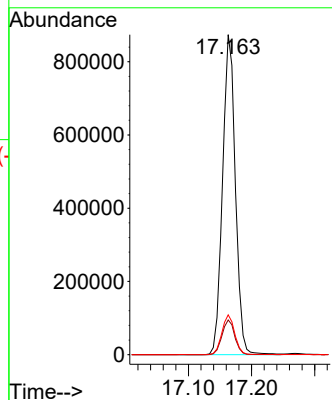
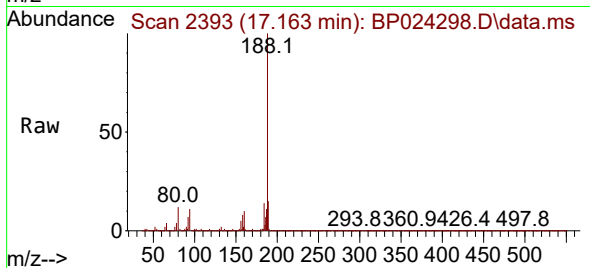
Tgt Ion:188 Resp: 1229660

Ion Ratio Lower Upper

188 100

94 10.9 8.6 13.0

80 12.5 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BP024298.D

Acq: 15 Apr 2025 17:29

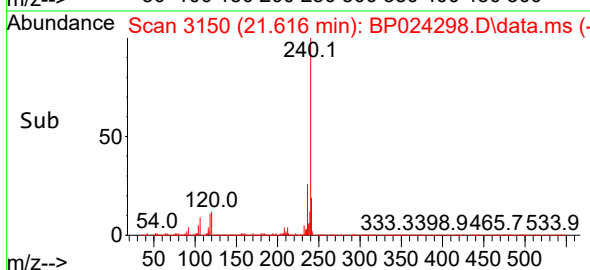
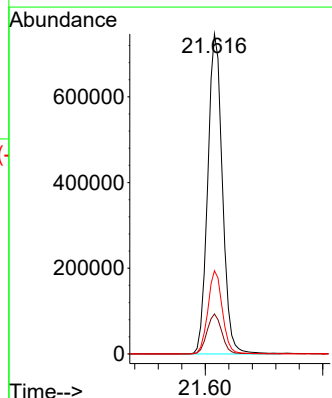
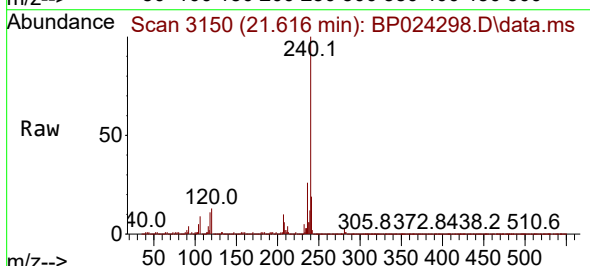
Tgt Ion:240 Resp: 1296791

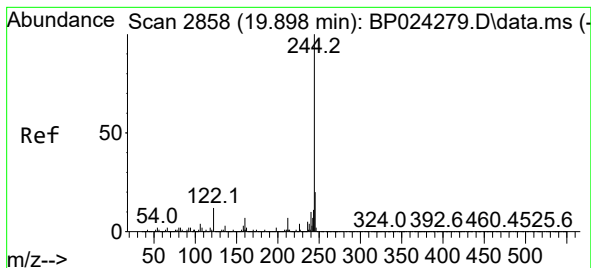
Ion Ratio Lower Upper

240 100

120 12.5 9.8 14.8

236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 98.465 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP024298.D

Acq: 15 Apr 2025 17:29

Instrument :

BNA_P

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TP-1

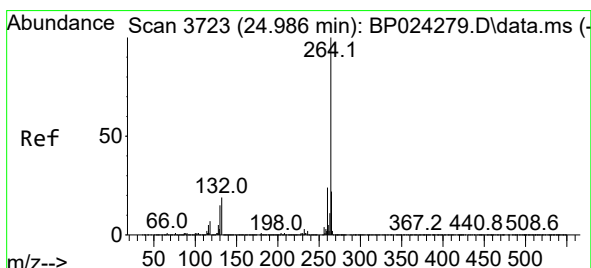
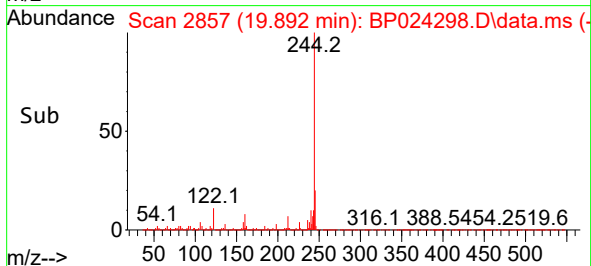
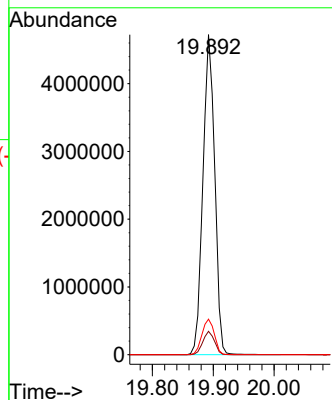
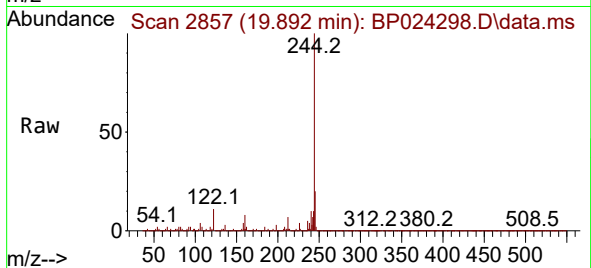
Tgt Ion:244 Resp: 6334862

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.1 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. 0.000 min

Lab File: BP024298.D

Acq: 15 Apr 2025 17:29

Tgt Ion:264 Resp: 1362208

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.9 17.8 26.6

