

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024256.D
 Acq On : 10 Apr 2025 18:30
 Operator : RC/JU
 Sample : Q1754-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Apr 11 01:21:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	261177	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	1015387	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	581267	20.000	ng	-0.02
64) Phenanthrene-d10	17.169	188	1156225	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1267913	20.000	ng	-0.03
86) Perylene-d12	24.974	264	1440870	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2446199	149.509	ng	0.00
7) Phenol-d6	6.922	99	2798739	127.915	ng	0.00
23) Nitrobenzene-d5	8.887	82	1978056	109.913	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1318910	180.135	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	4153377	105.361	ng	-0.02
79) Terphenyl-d14	19.898	244	6916011	112.596	ng	-0.02

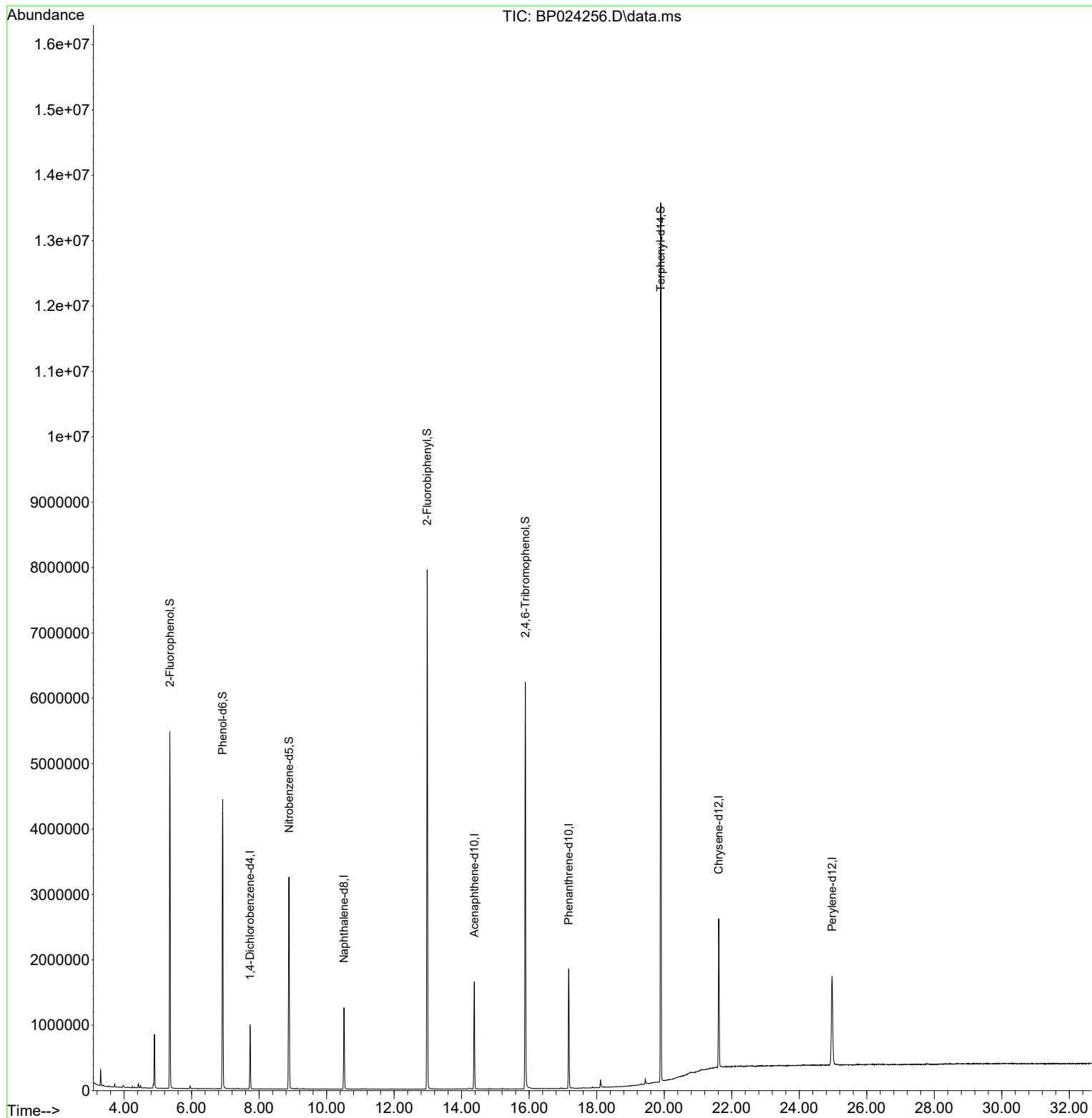
Target Compounds	Qvalue

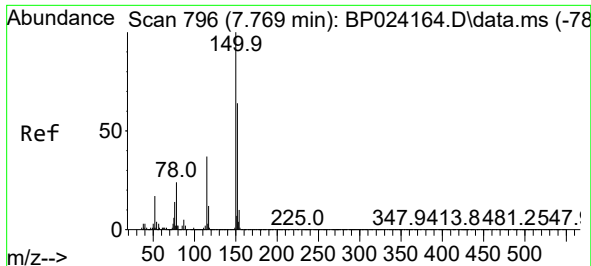
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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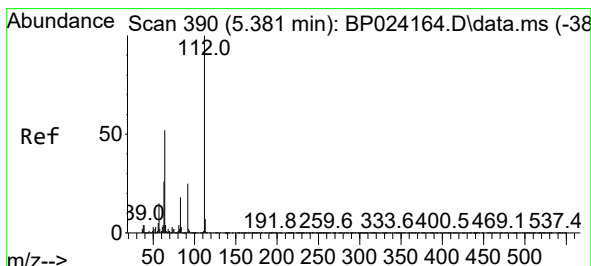
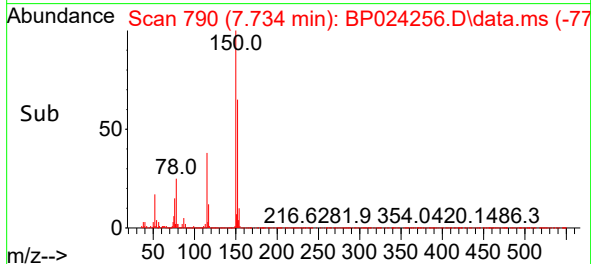
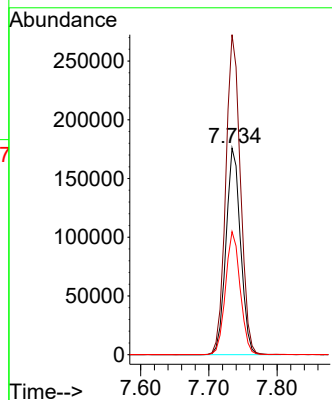
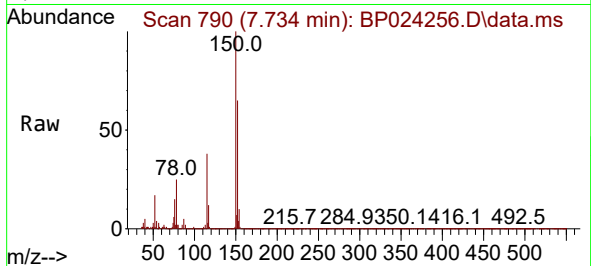




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 796
Delta R.T. -0.012 min
Lab File: BP024256.D
Acq: 10 Apr 2025 18:30

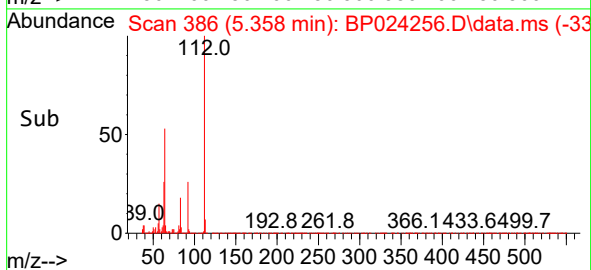
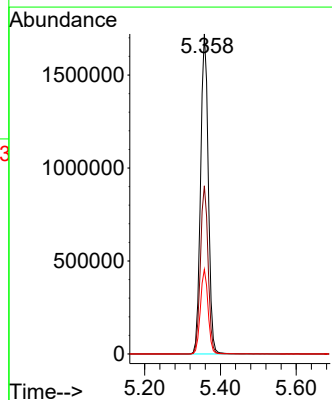
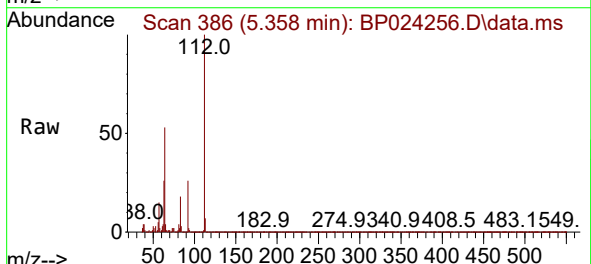
Instrument :
BNA_P
ClientSampleId :
TP-1

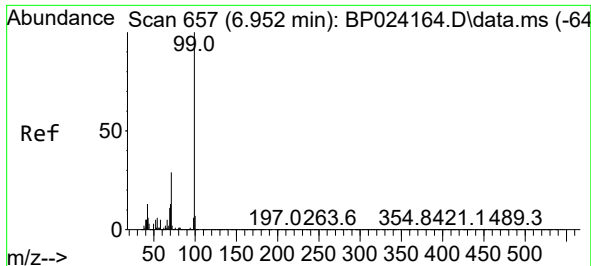
Tgt Ion:152 Resp: 261177
Ion Ratio Lower Upper
152 100
150 154.9 125.5 188.3
115 59.6 46.3 69.5



#5
2-Fluorophenol
Concen: 149.509 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024256.D
Acq: 10 Apr 2025 18:30

Tgt Ion:112 Resp: 2446199
Ion Ratio Lower Upper
112 100
64 52.6 41.3 61.9
63 26.4 20.6 31.0

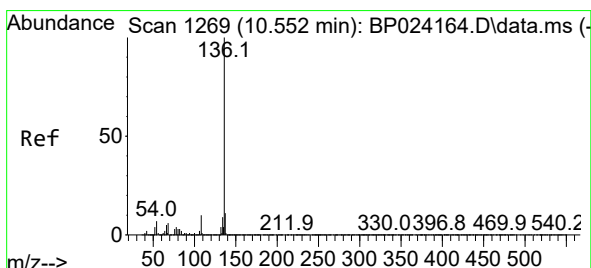
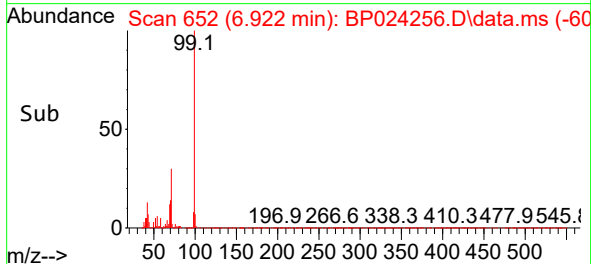
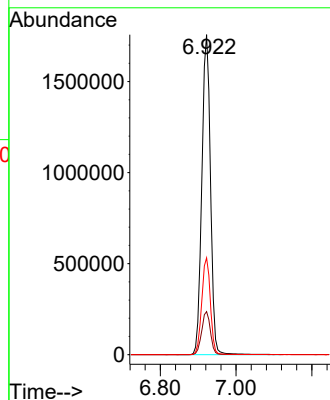
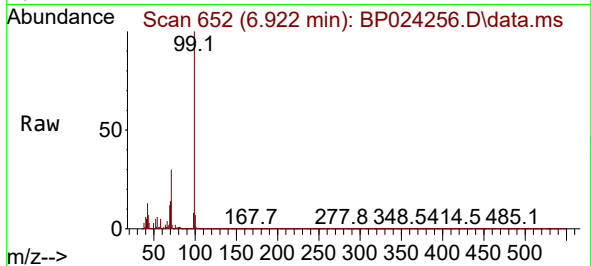




#7
Phenol-d6
Concen: 127.915 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024256.D
Acq: 10 Apr 2025 18:30

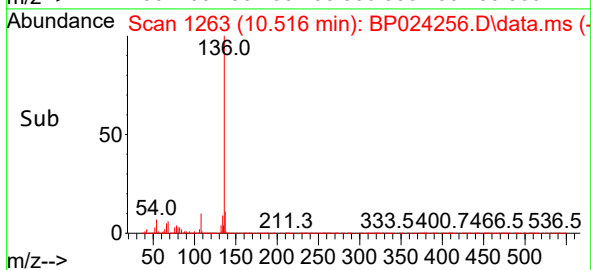
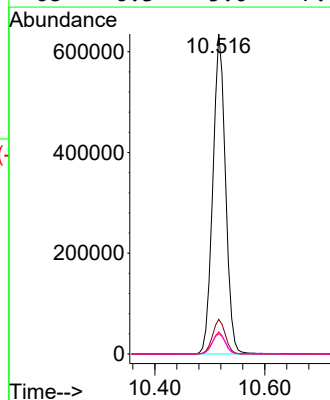
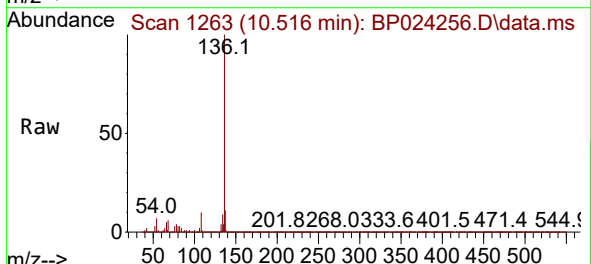
Instrument :
BNA_P
ClientSampleId :
TP-1

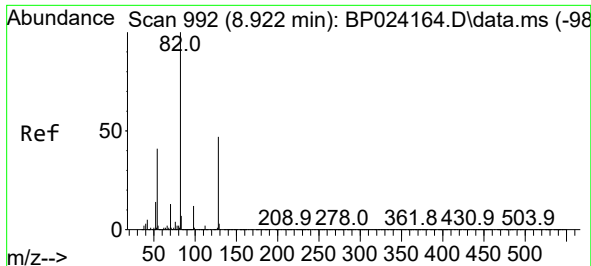
Tgt Ion: 99 Resp: 2798739
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 30.3 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024256.D
Acq: 10 Apr 2025 18:30

Tgt Ion: 136 Resp: 1015387
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.9 5.3 7.9
68 6.3 5.0 7.4

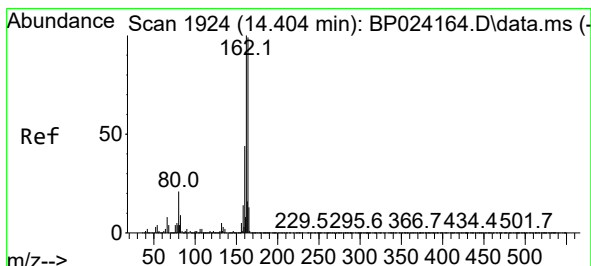
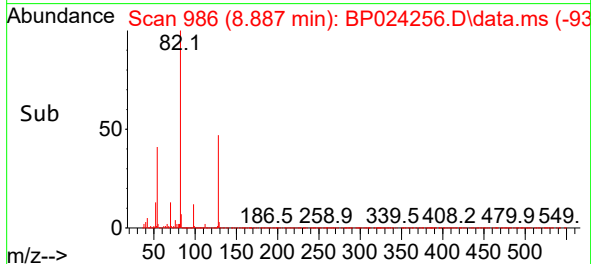
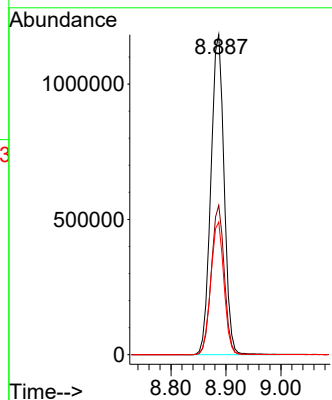
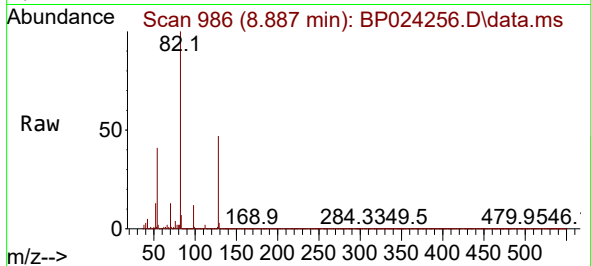




#23
Nitrobenzene-d5
Concen: 109.913 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024256.D
Acq: 10 Apr 2025 18:30

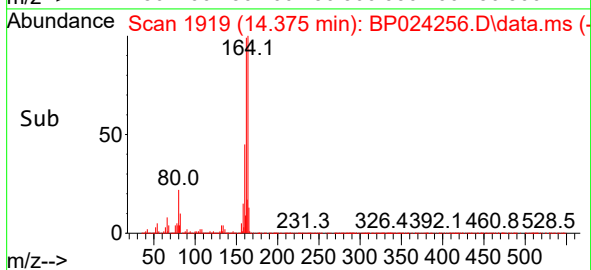
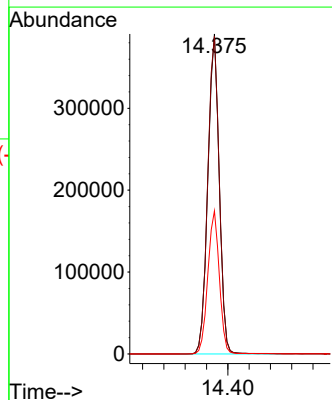
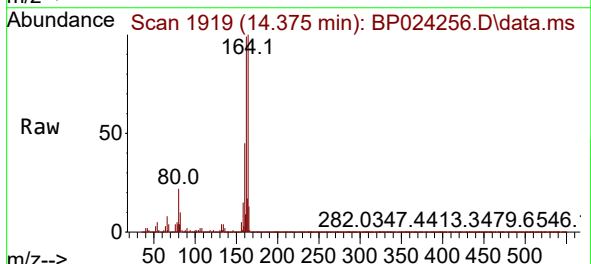
Instrument :
BNA_P
ClientSampleId :
TP-1

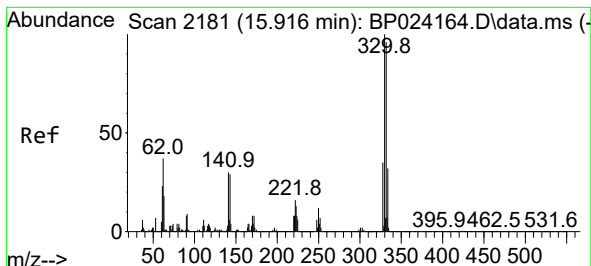
Tgt Ion: 82 Resp: 1978056
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.0
54 41.5 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.018 min
Lab File: BP024256.D
Acq: 10 Apr 2025 18:30

Tgt Ion: 164 Resp: 581267
Ion Ratio Lower Upper
164 100
162 99.3 80.6 121.0
160 44.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 180.135 ng

RT: 15.886 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BP024256.D

Acq: 10 Apr 2025 18:30

Instrument :

BNA_P

ClientSampleId :

TP-1

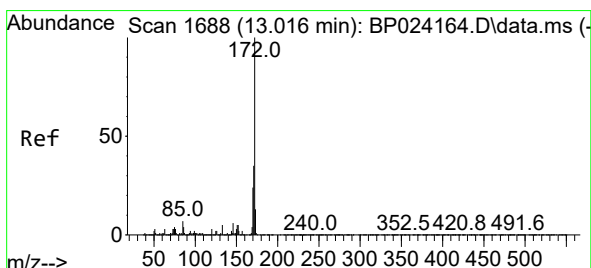
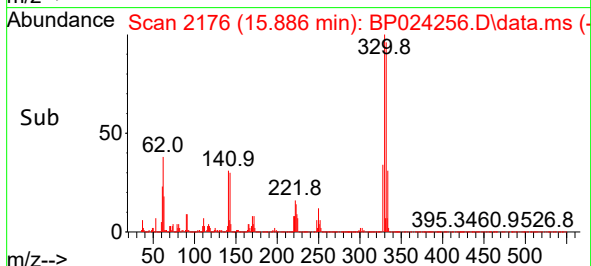
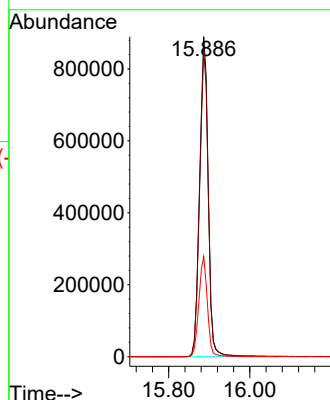
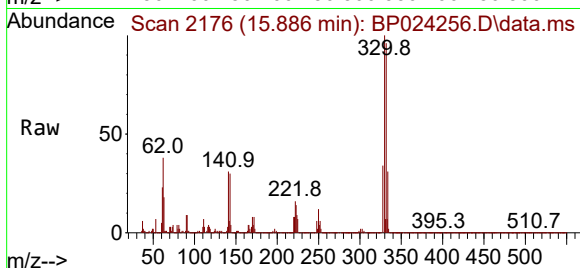
Tgt Ion:330 Resp: 1318910

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 31.1 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 105.361 ng

RT: 12.981 min Scan# 1682

Delta R.T. -0.018 min

Lab File: BP024256.D

Acq: 10 Apr 2025 18:30

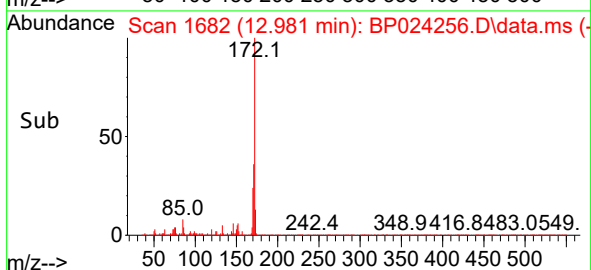
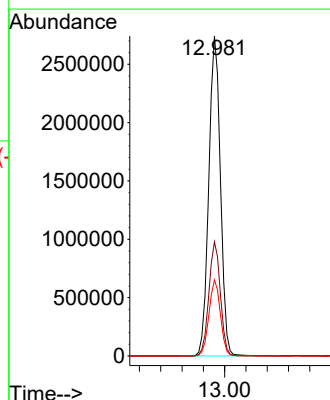
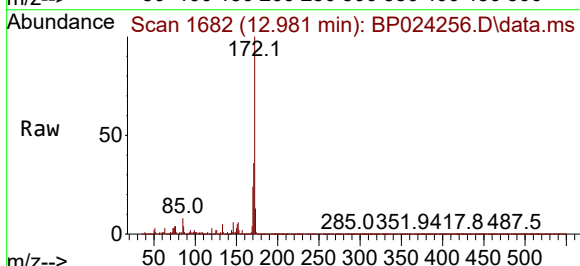
Tgt Ion:172 Resp: 4153377

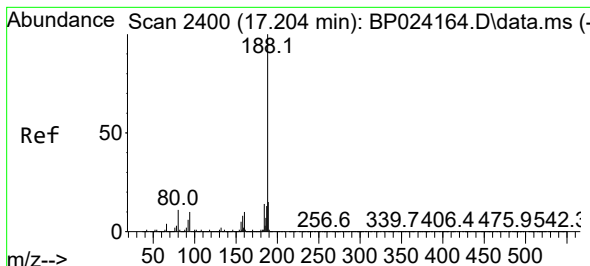
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.169 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024256.D

Acq: 10 Apr 2025 18:30

Instrument :

BNA_P

ClientSampleId :

TP-1

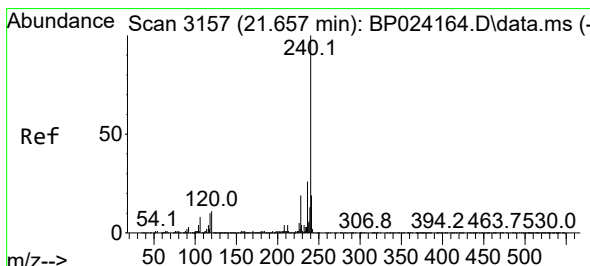
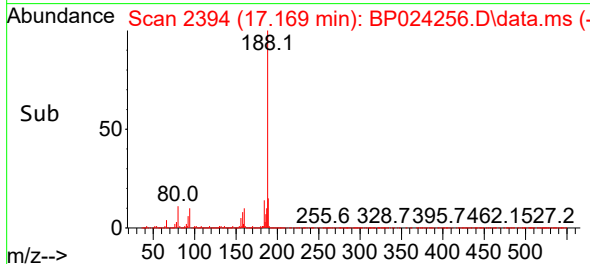
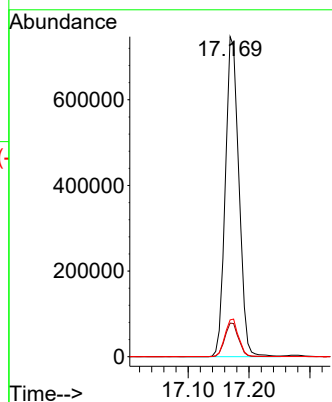
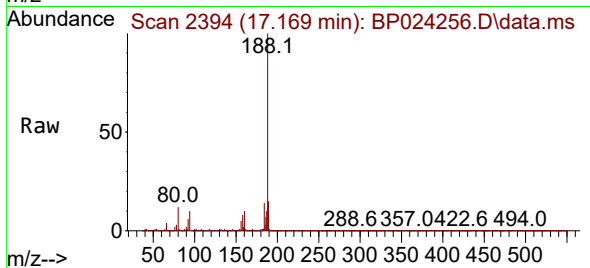
Tgt Ion:188 Resp: 1156225

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 11.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.029 min

Lab File: BP024256.D

Acq: 10 Apr 2025 18:30

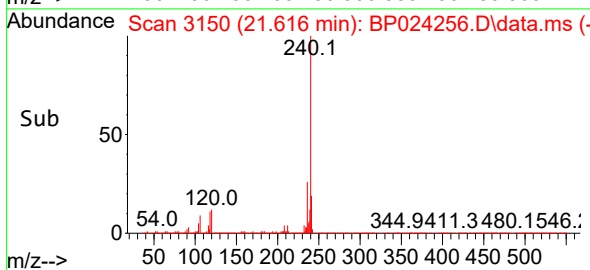
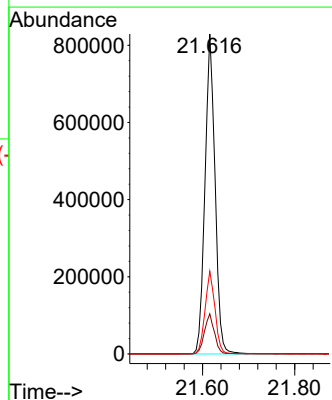
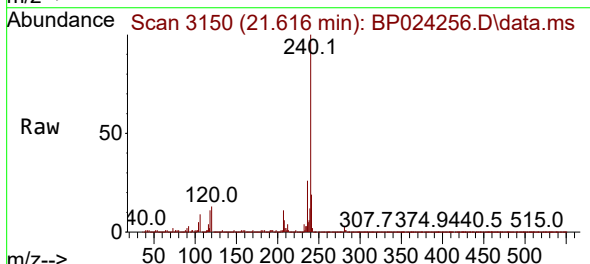
Tgt Ion:240 Resp: 1267913

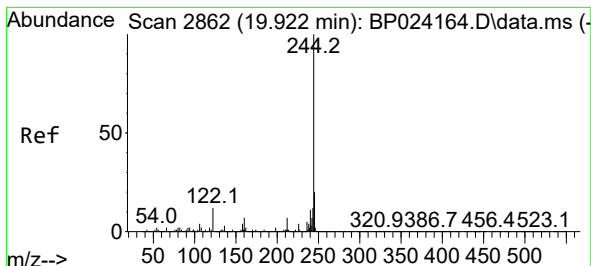
Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 112.596 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.018 min

Lab File: BP024256.D

Acq: 10 Apr 2025 18:30

Instrument :

BNA_P

ClientSampleId :

TP-1

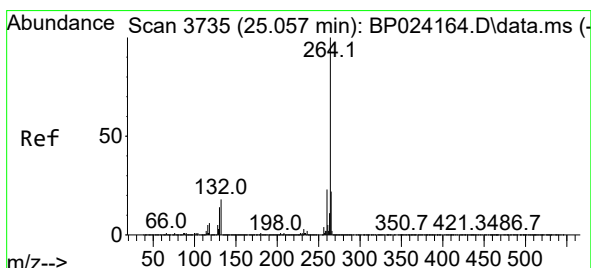
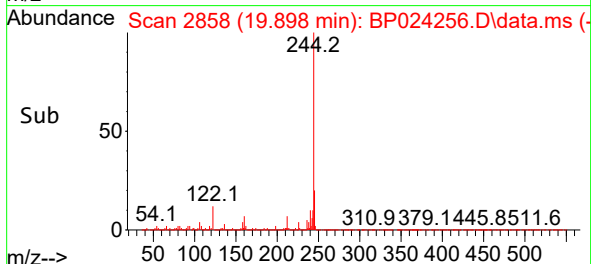
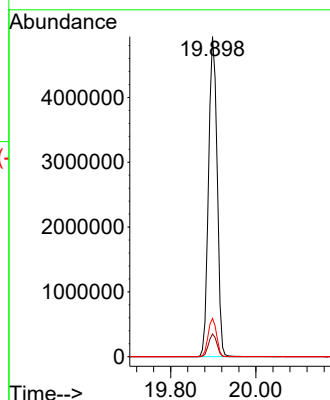
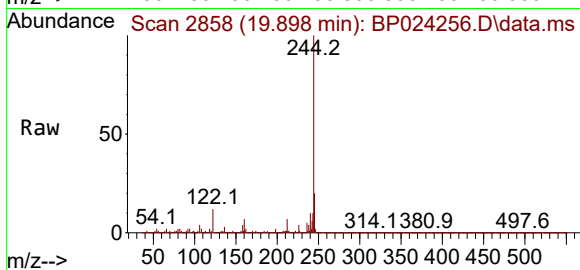
Tgt Ion:244 Resp: 6916011

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 3721

Delta R.T. -0.035 min

Lab File: BP024256.D

Acq: 10 Apr 2025 18:30

Tgt Ion:264 Resp: 1440870

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.7 17.7 26.5

