

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024271.D
 Acq On : 11 Apr 2025 18:23
 Operator : RC/JU
 Sample : Q1752-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Apr 11 22:52:51 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	7.739	152	305111	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1196968	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	711365	20.000	ng	-0.02
64) Phenanthrene-d10	17.174	188	1453687	20.000	ng	-0.02
76) Chrysene-d12	21.609	240	1552111	20.000	ng	-0.04
86) Perylene-d12	24.986	264	1910036	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2823134	147.701	ng	0.00
7) Phenol-d6	6.922	99	3266307	127.789	ng	0.00
23) Nitrobenzene-d5	8.886	82	2284018	107.661	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1685107	188.058	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	4798705	99.468	ng	-0.01
79) Terphenyl-d14	19.898	244	8324288	110.709	ng	-0.02

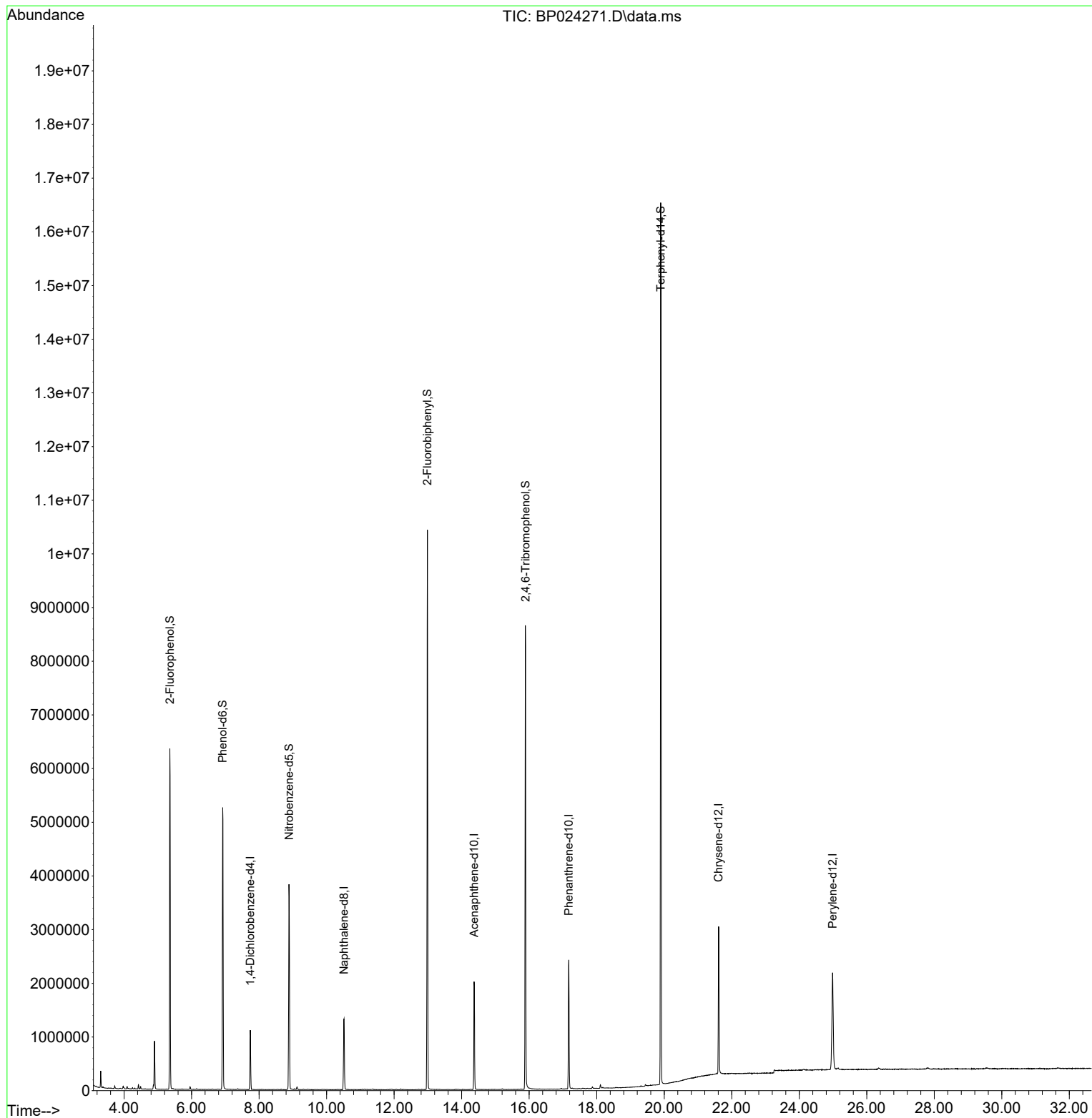
Target Compounds	Qvalue

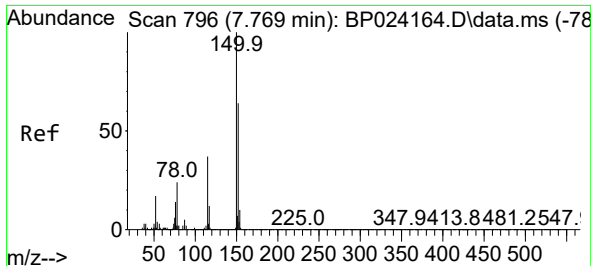
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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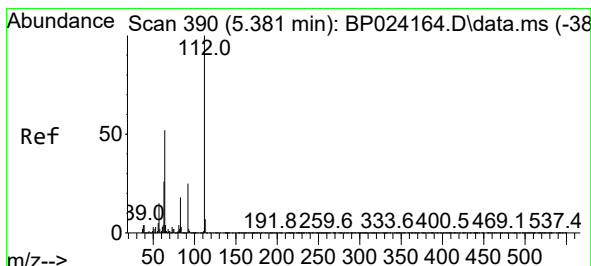
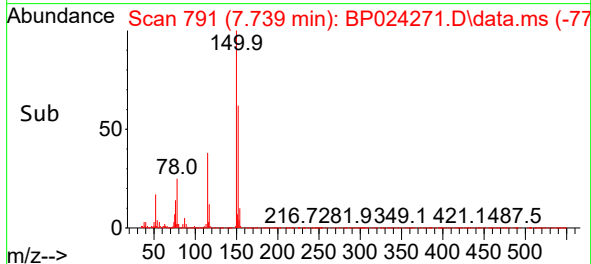
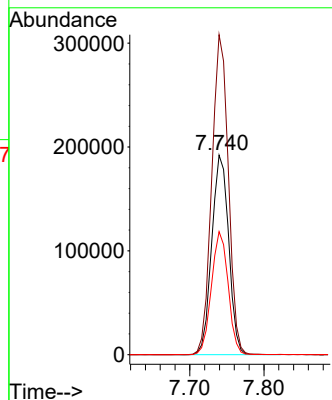
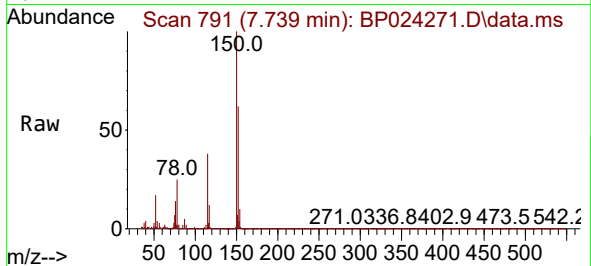




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.739 min Scan# 796
Delta R.T. -0.007 min
Lab File: BP024271.D
Acq: 11 Apr 2025 18:23

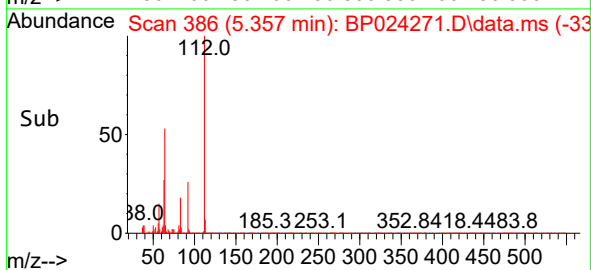
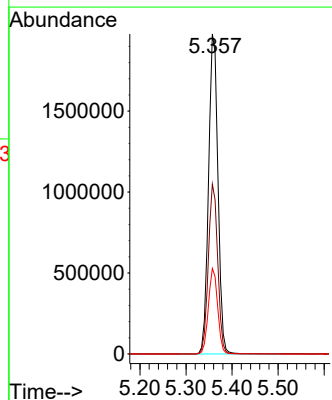
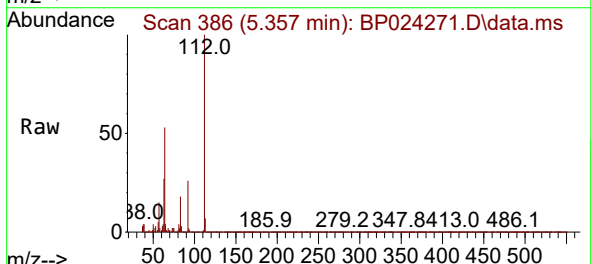
Instrument :
BNA_P
ClientSampleId :
TP-1

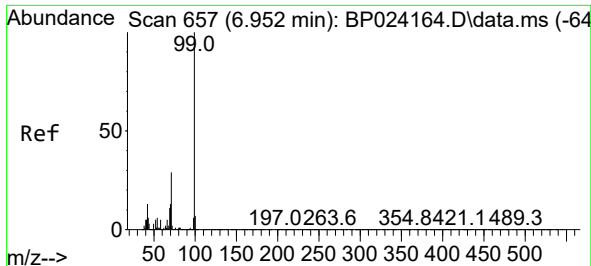
Tgt Ion:152 Resp: 305111
Ion Ratio Lower Upper
152 100
150 160.3 125.5 188.3
115 61.7 46.3 69.5



#5
2-Fluorophenol
Concen: 147.701 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP024271.D
Acq: 11 Apr 2025 18:23

Tgt Ion:112 Resp: 2823134
Ion Ratio Lower Upper
112 100
64 53.1 41.3 61.9
63 26.8 20.6 31.0

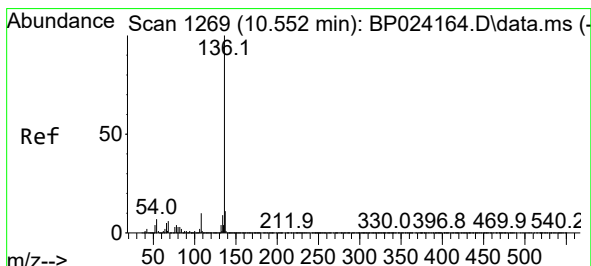
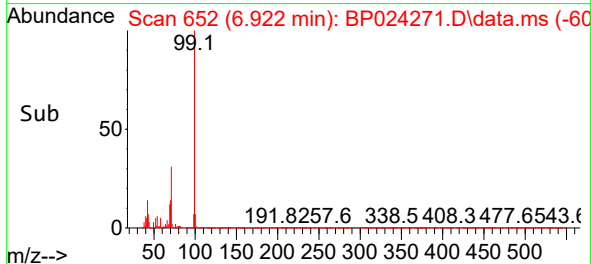
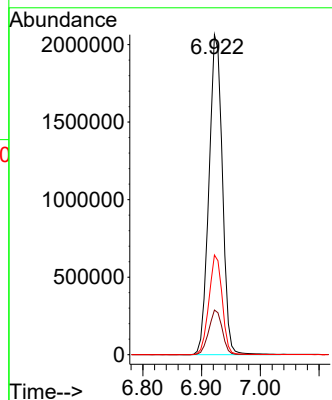
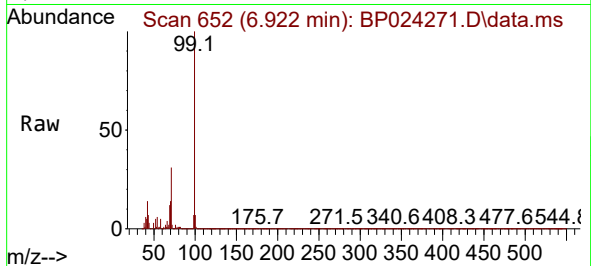




#7
Phenol-d6
Concen: 127.789 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024271.D
Acq: 11 Apr 2025 18:23

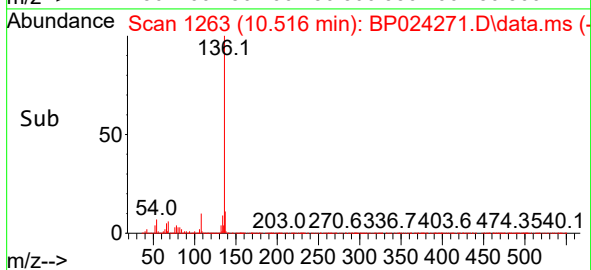
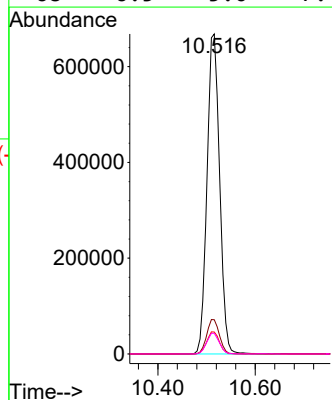
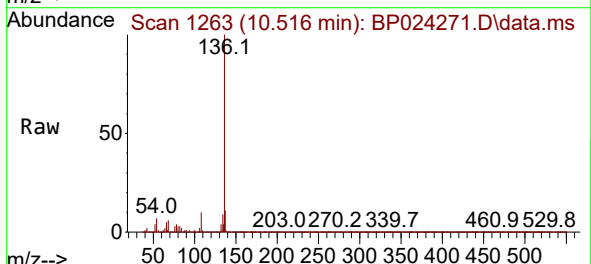
Instrument :
BNA_P
ClientSampleId :
TP-1

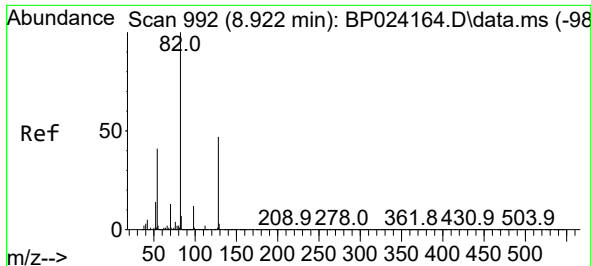
Tgt Ion: 99 Resp: 3266307
Ion Ratio Lower Upper
99 100
42 14.0 10.6 16.0
71 31.1 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024271.D
Acq: 11 Apr 2025 18:23

Tgt Ion:136 Resp: 1196968
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.9 5.3 7.9
68 6.5 5.0 7.4

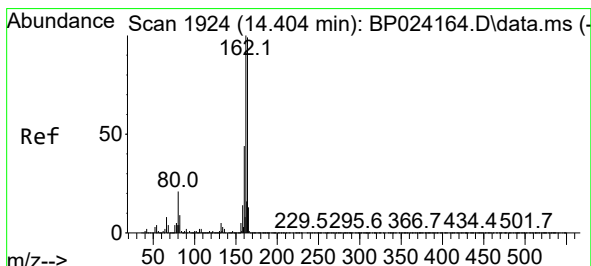
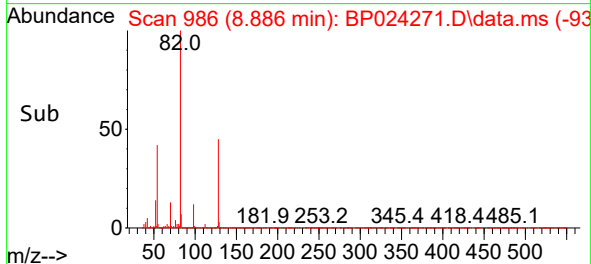
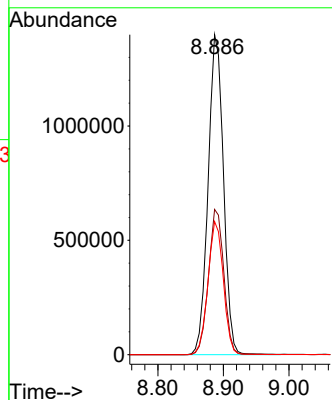
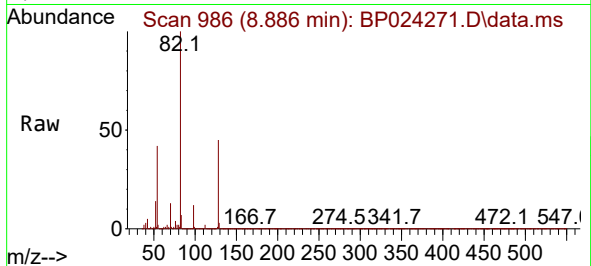




#23
Nitrobenzene-d5
Concen: 107.661 ng
RT: 8.886 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024271.D
Acq: 11 Apr 2025 18:23

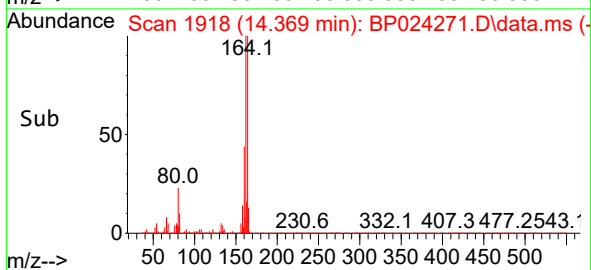
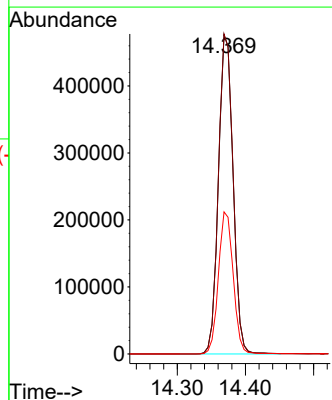
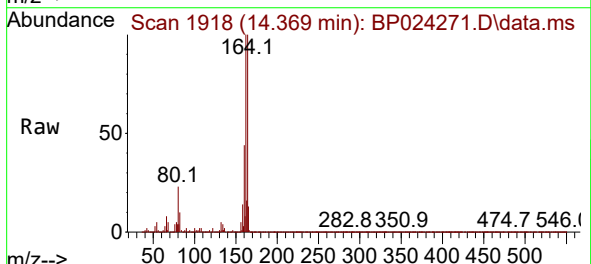
Instrument :
BNA_P
ClientSampleId :
TP-1

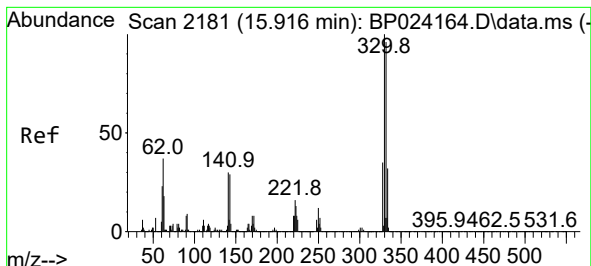
Tgt Ion: 82 Resp: 2284018
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.0
54 41.6 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.024 min
Lab File: BP024271.D
Acq: 11 Apr 2025 18:23

Tgt Ion:164 Resp: 711365
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 188.058 ng

RT: 15.892 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BP024271.D

Acq: 11 Apr 2025 18:23

Instrument :

BNA_P

ClientSampleId :

TP-1

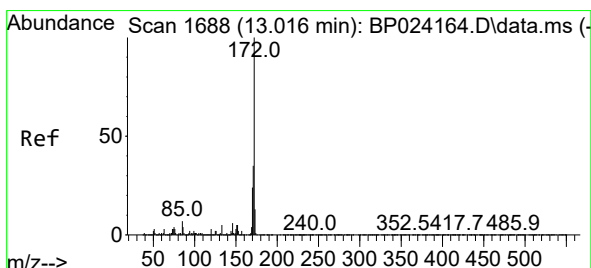
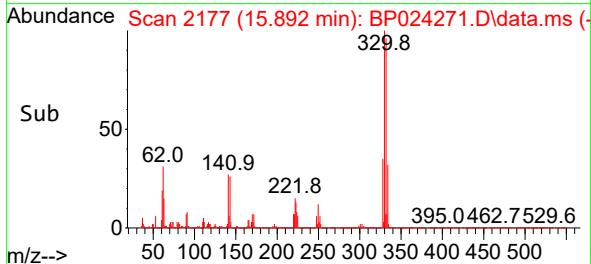
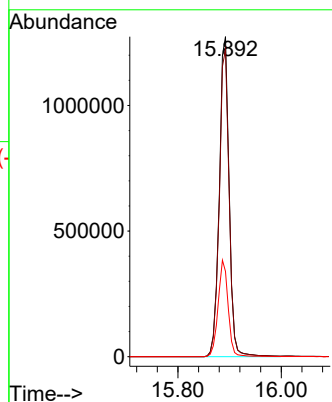
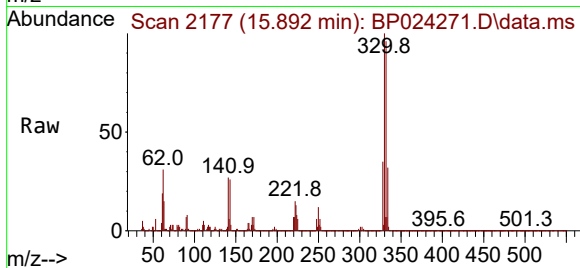
Tgt Ion:330 Resp: 1685107

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 30.7 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 99.468 ng

RT: 12.986 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BP024271.D

Acq: 11 Apr 2025 18:23

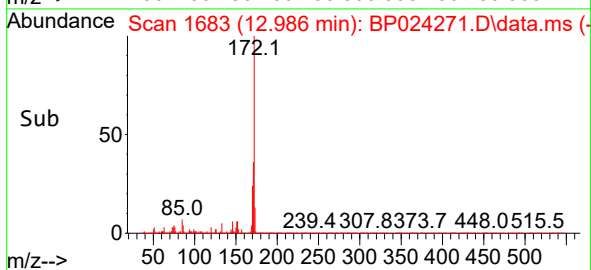
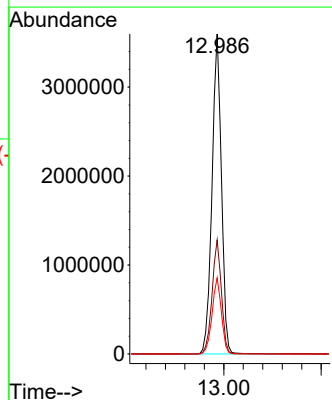
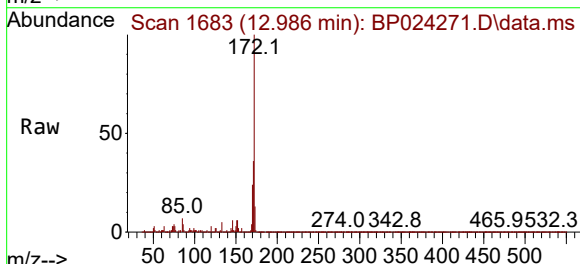
Tgt Ion:172 Resp: 4798705

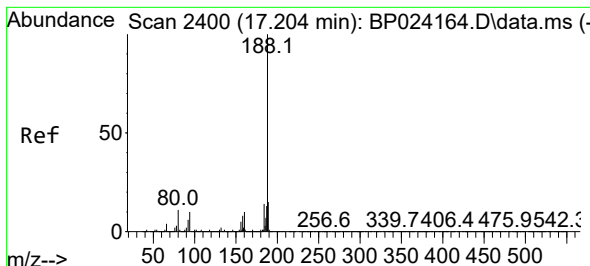
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024271.D

Acq: 11 Apr 2025 18:23

Instrument :

BNA_P

ClientSampleId :

TP-1

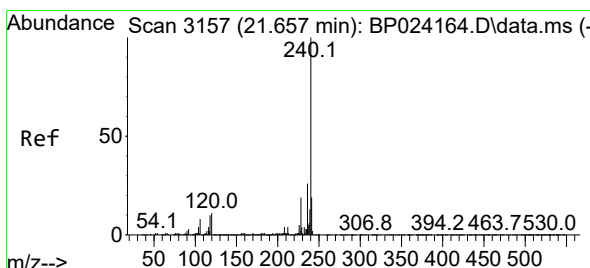
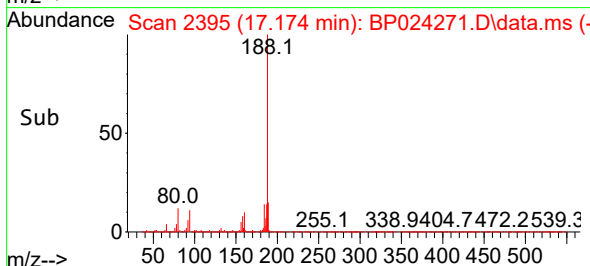
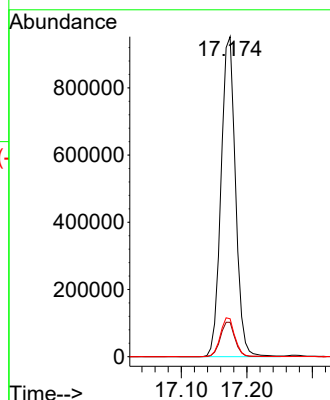
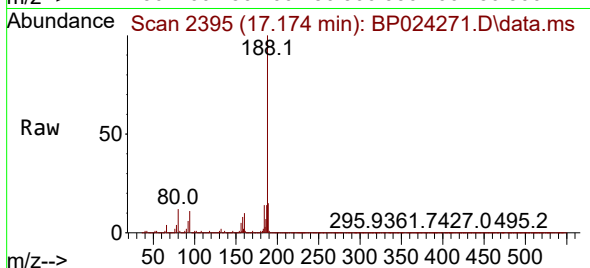
Tgt Ion:188 Resp: 1453687

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

80 11.8 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.609 min Scan# 3149

Delta R.T. -0.036 min

Lab File: BP024271.D

Acq: 11 Apr 2025 18:23

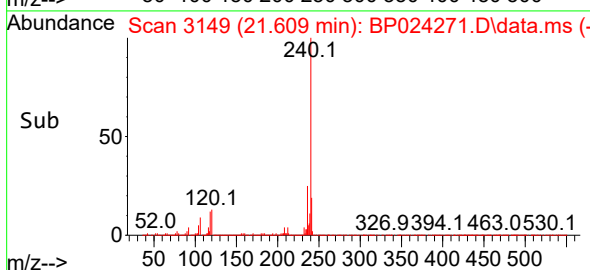
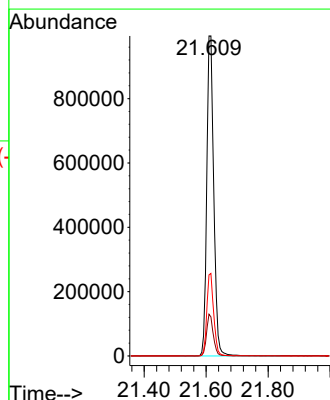
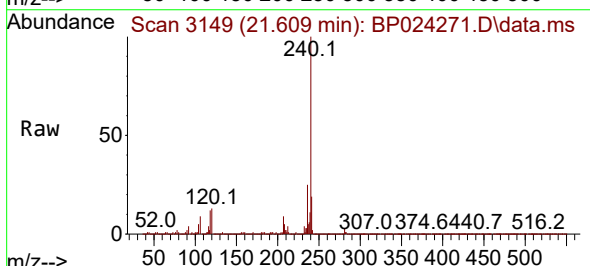
Tgt Ion:240 Resp: 1552111

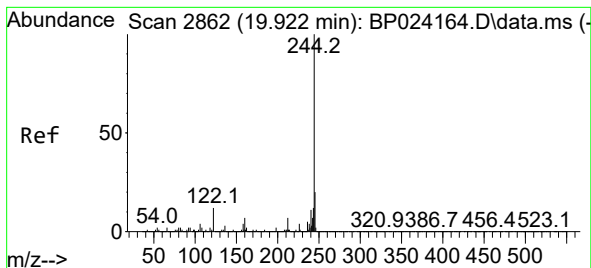
Ion Ratio Lower Upper

240 100

120 13.1 9.2 13.8

236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 110.709 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.018 min

Lab File: BP024271.D

Acq: 11 Apr 2025 18:23

Instrument :

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ClientSampleId :

TP-1

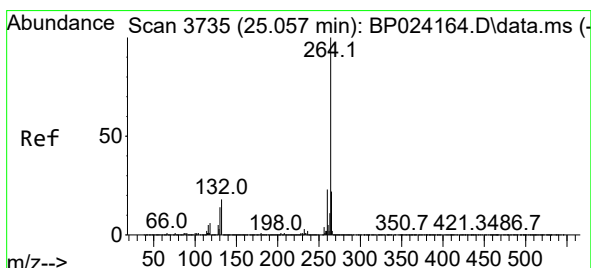
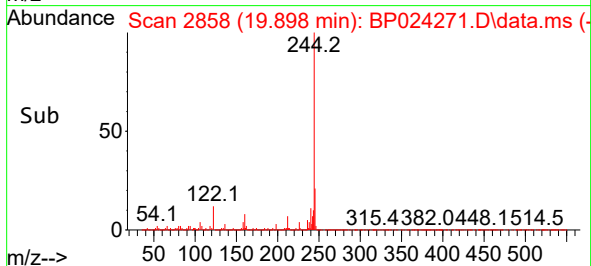
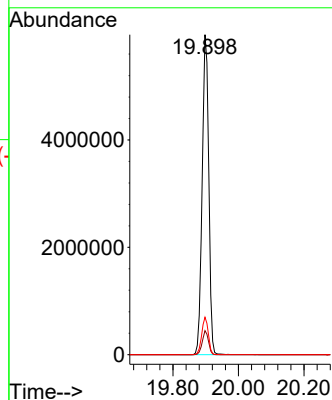
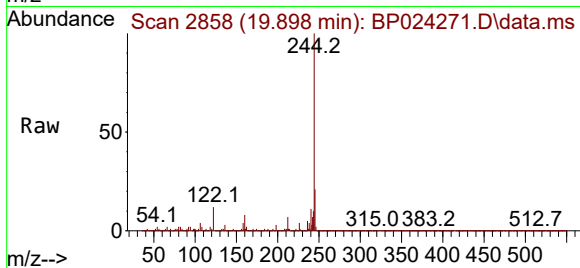
Tgt Ion:244 Resp: 8324288

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 11.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. -0.024 min

Lab File: BP024271.D

Acq: 11 Apr 2025 18:23

Tgt Ion:264 Resp: 1910036

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.2 17.7 26.5

