

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024796.D
 Acq On : 23 May 2025 17:09
 Operator : RC/JU
 Sample : Q2094-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Quant Time: May 23 17:45:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	93665	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	372734	20.000	ng	0.00
39) Acenaphthene-d10	14.286	164	262071	20.000	ng	-0.02
64) Phenanthrene-d10	17.098	188	528215	20.000	ng	0.00
76) Chrysene-d12	21.510	240	584739	20.000	ng	-0.01
86) Perylene-d12	24.809	264	753304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	426133	77.814	ng	0.00
7) Phenol-d6	6.852	99	541752	77.512	ng	0.00
23) Nitrobenzene-d5	8.804	82	349242	47.342	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	387477	87.213	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1055012	52.741	ng	0.00
79) Terphenyl-d14	19.816	244	1952619	57.259	ng	0.00

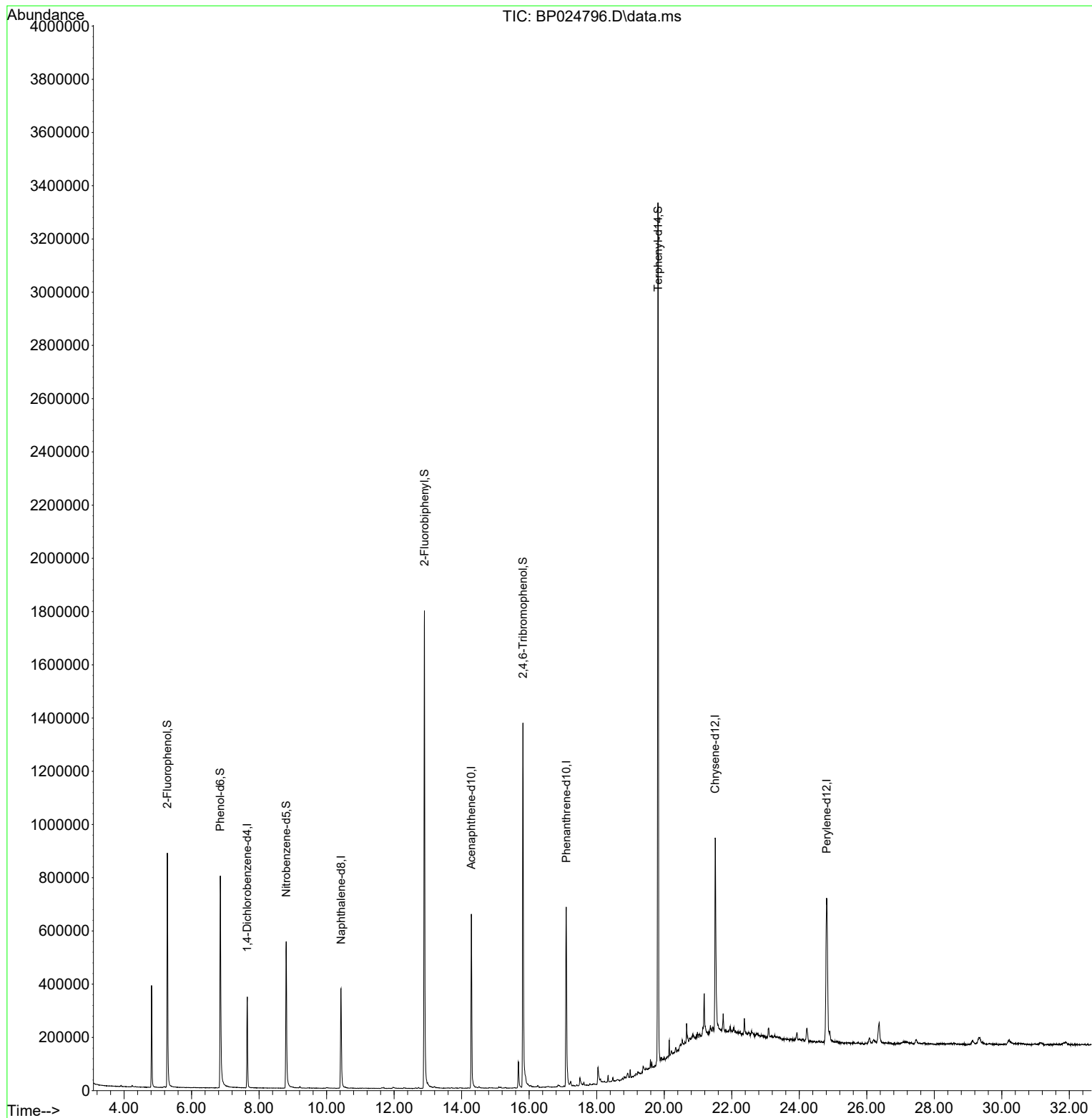
Target Compounds	Qvalue

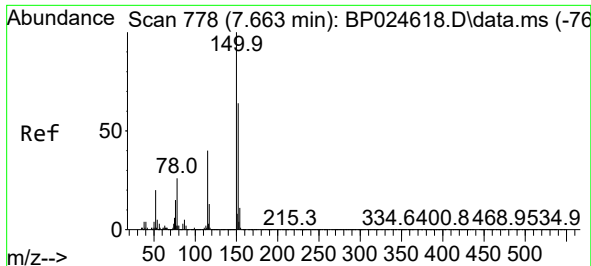
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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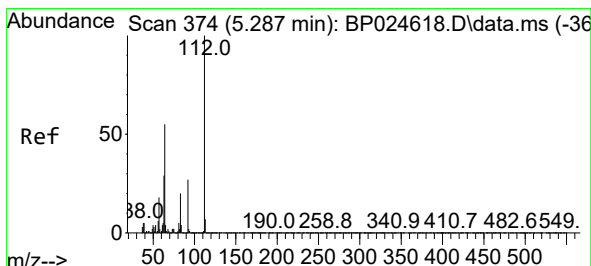
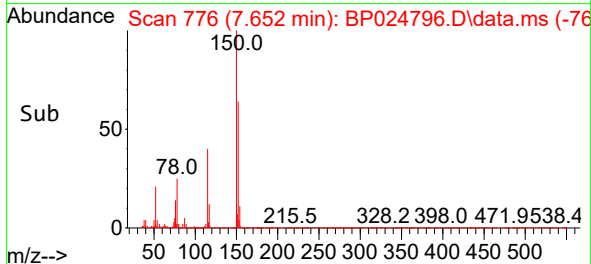
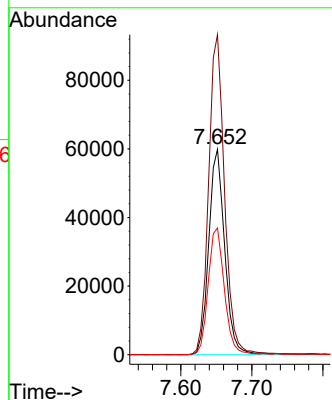
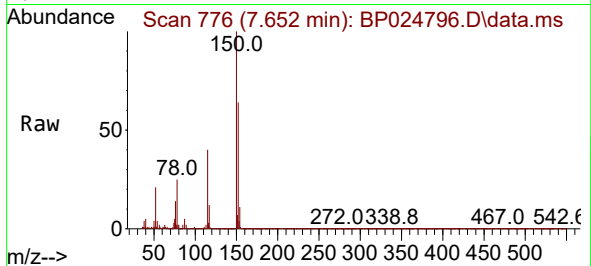




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024796.D
Acq: 23 May 2025 17:09

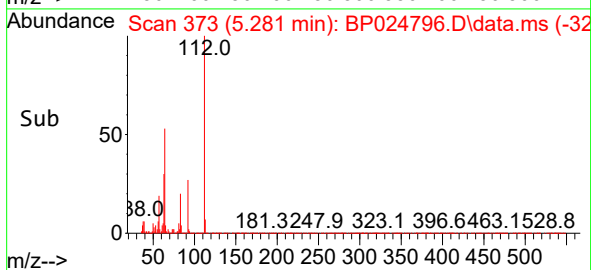
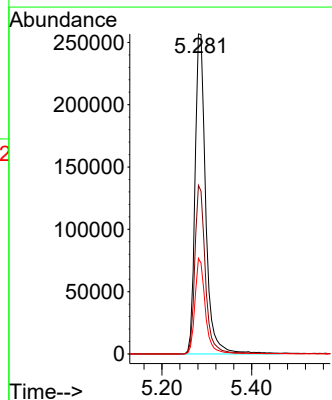
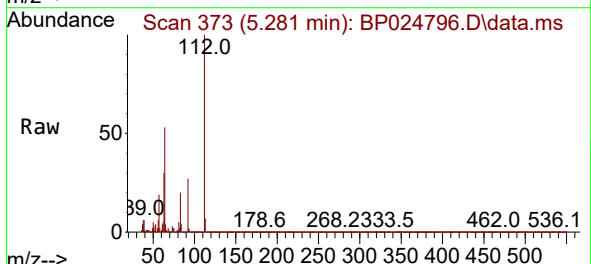
Instrument :
BNA_P
ClientSampleId :
COMP-2

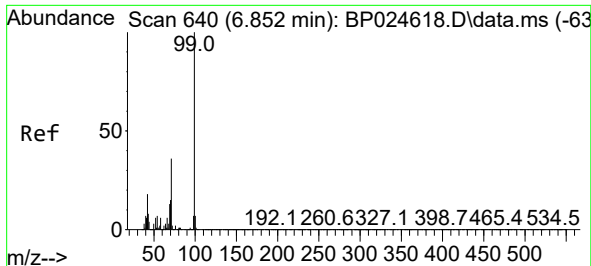
Tgt Ion:152 Resp: 93665
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.7 50.1 75.1



#5
2-Fluorophenol
Concen: 77.814 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024796.D
Acq: 23 May 2025 17:09

Tgt Ion:112 Resp: 426133
Ion Ratio Lower Upper
112 100
64 52.7 44.1 66.1
63 29.9 23.5 35.3

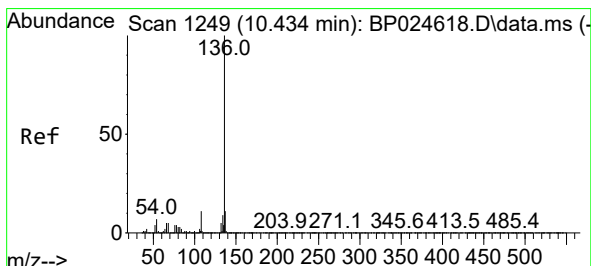
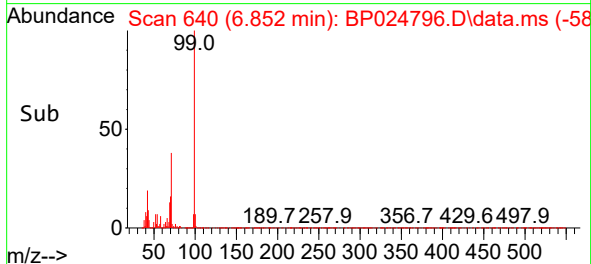
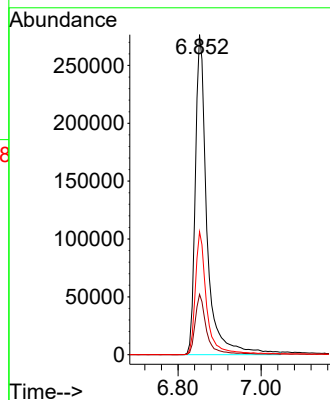
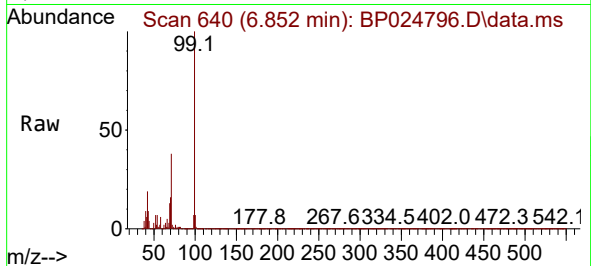




#7
Phenol-d6
Concen: 77.512 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024796.D
Acq: 23 May 2025 17:09

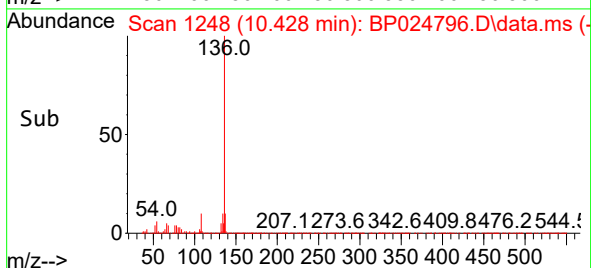
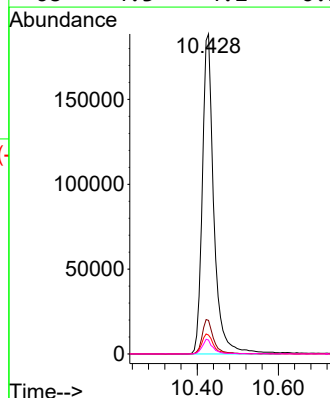
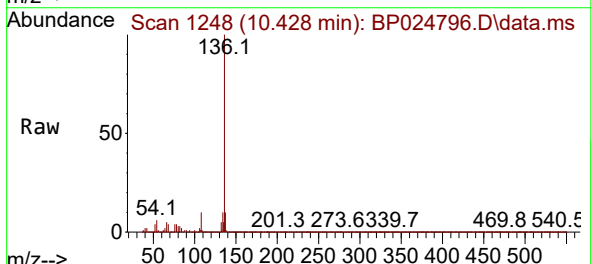
Instrument :
BNA_P
ClientSampleId :
COMP-2

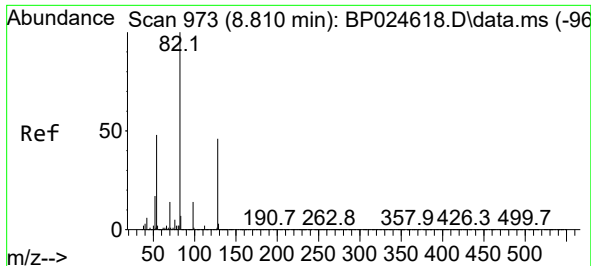
Tgt Ion: 99 Resp: 541752
Ion Ratio Lower Upper
99 100
42 18.8 14.4 21.6
71 38.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024796.D
Acq: 23 May 2025 17:09

Tgt Ion: 136 Resp: 372734
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.9 5.5 8.3
68 4.3 4.2 6.2

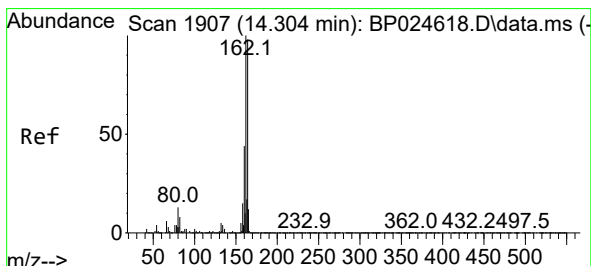
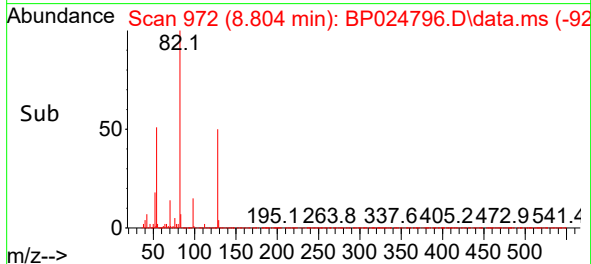
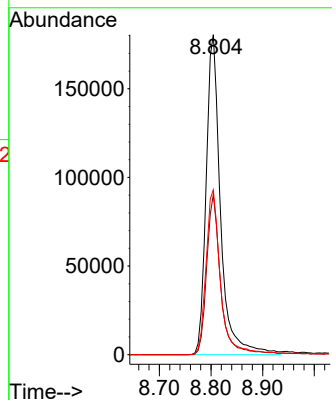
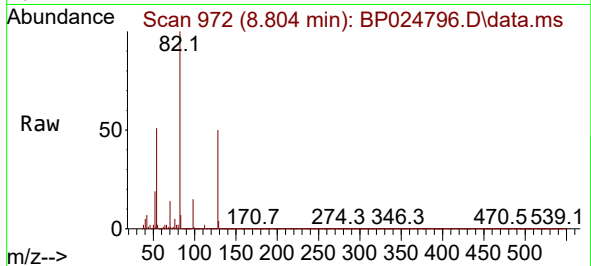




#23
Nitrobenzene-d5
Concen: 47.342 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024796.D
Acq: 23 May 2025 17:09

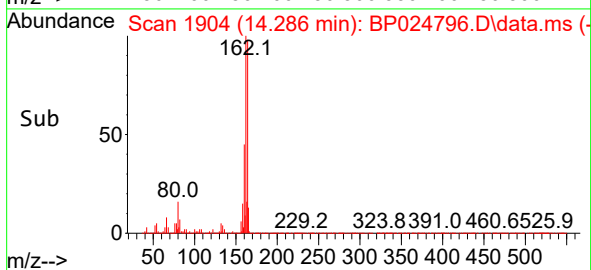
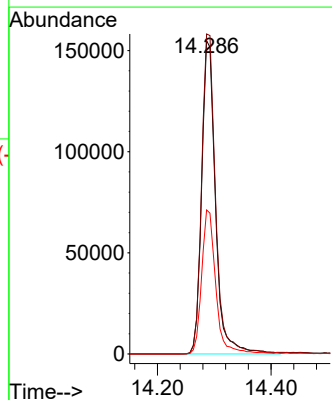
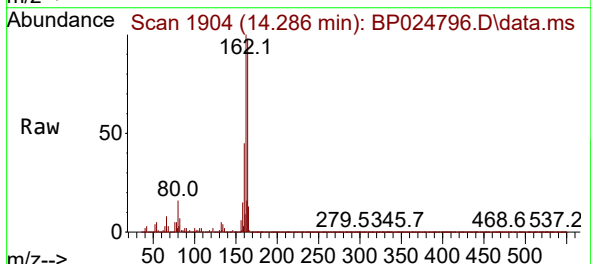
Instrument :
BNA_P
ClientSampleId :
COMP-2

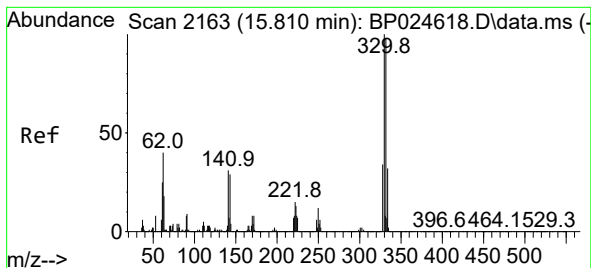
Tgt Ion: 82 Resp: 349242
Ion Ratio Lower Upper
82 100
128 50.0 37.0 55.4
54 51.5 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024796.D
Acq: 23 May 2025 17:09

Tgt Ion:164 Resp: 262071
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 46.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 87.213 ng

RT: 15.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP024796.D

Acq: 23 May 2025 17:09

Instrument :

BNA_P

ClientSampleId :

COMP-2

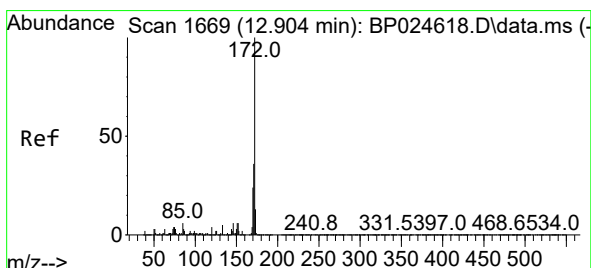
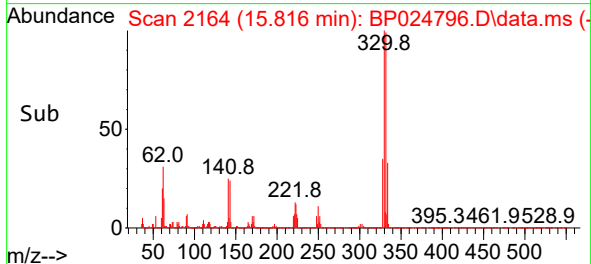
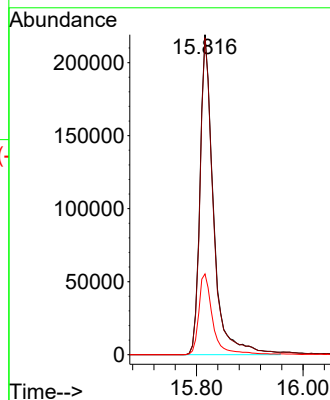
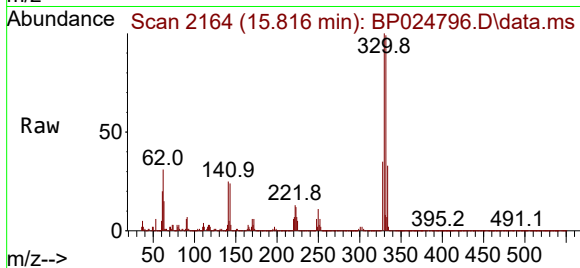
Tgt Ion:330 Resp: 387477

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.4

141 26.3 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 52.741 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024796.D

Acq: 23 May 2025 17:09

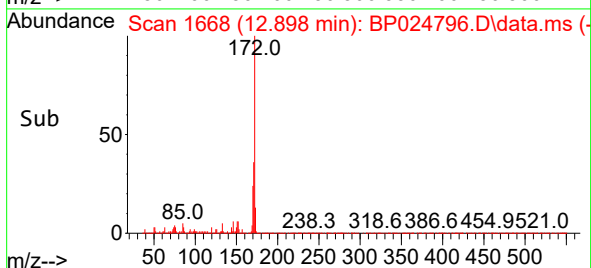
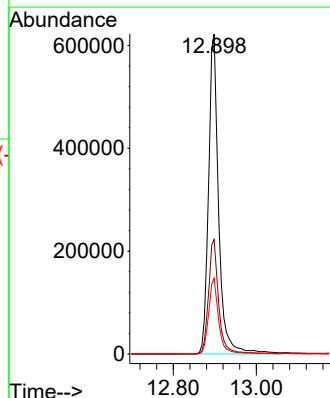
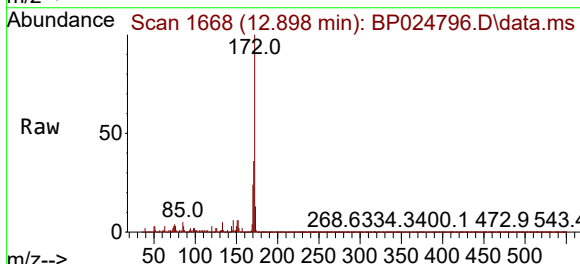
Tgt Ion:172 Resp: 1055012

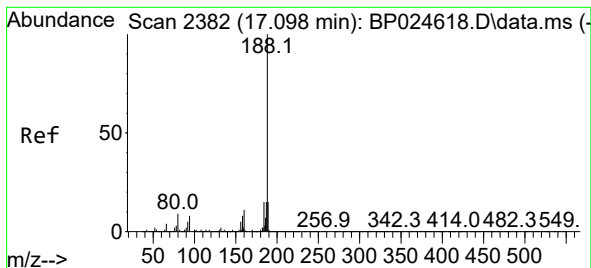
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024796.D

Acq: 23 May 2025 17:09

Instrument :

BNA_P

ClientSampleId :

COMP-2

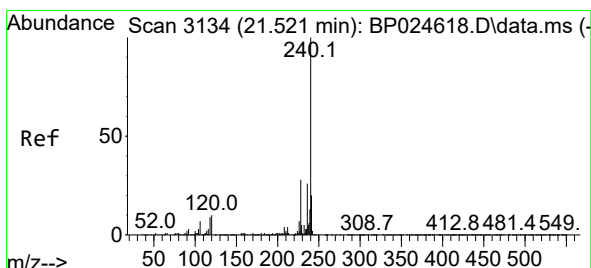
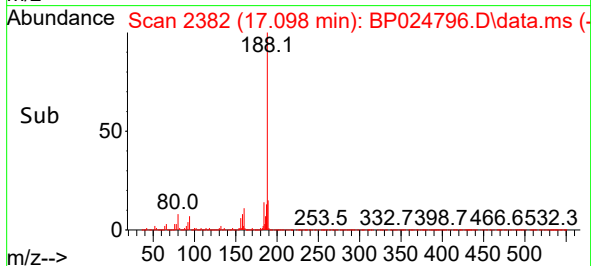
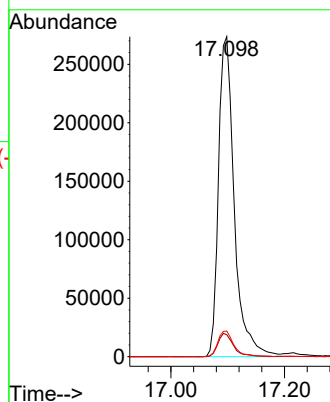
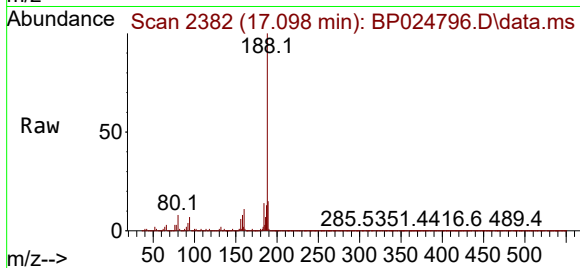
Tgt Ion:188 Resp: 528215

Ion Ratio Lower Upper

188 100

94 6.8 6.5 9.7

80 8.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024796.D

Acq: 23 May 2025 17:09

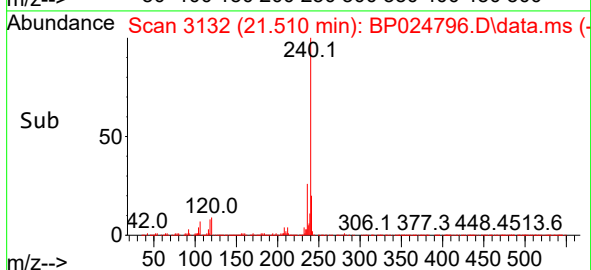
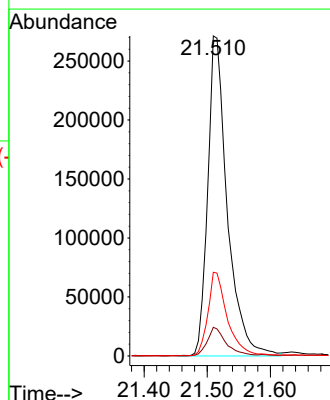
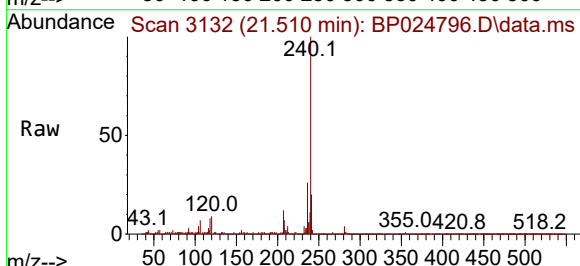
Tgt Ion:240 Resp: 584739

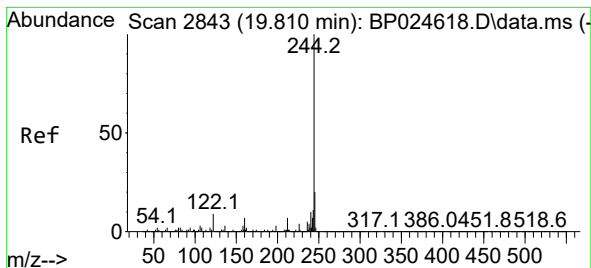
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 57.259 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024796.D

Acq: 23 May 2025 17:09

Instrument :

BNA_P

ClientSampleId :

COMP-2

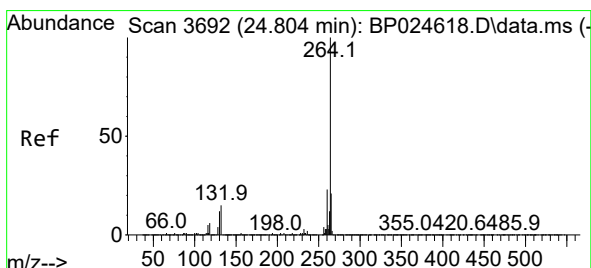
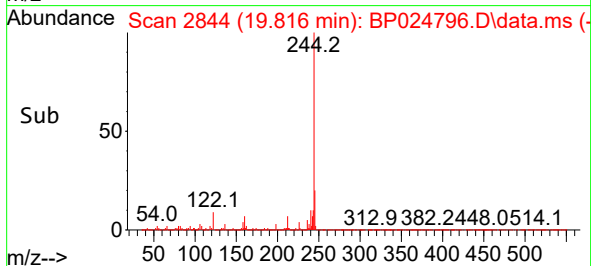
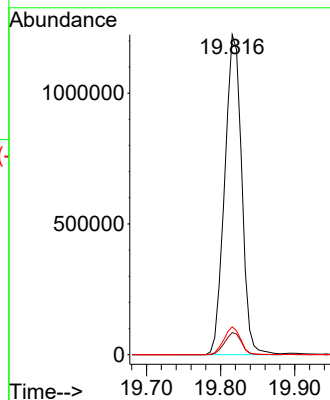
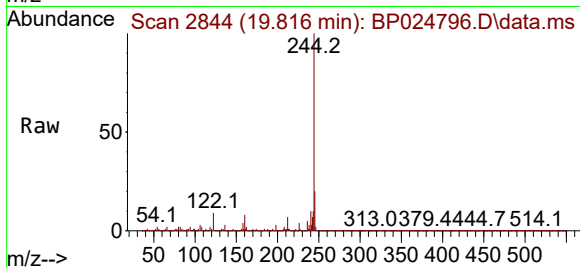
Tgt Ion:244 Resp: 1952619

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.7 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024796.D

Acq: 23 May 2025 17:09

Tgt Ion:264 Resp: 753304

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.4 17.0 25.6

