

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024946.D
 Acq On : 13 Jun 2025 16:13
 Operator : RC/JU
 Sample : Q2310-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7

Quant Time: Jun 13 16:39:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	229842	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	939607	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	593347	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1196007	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1252188	20.000	ng	0.00
86) Perylene-d12	24.754	264	1509272	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1815238	131.830	ng	0.00
7) Phenol-d6	6.819	99	2374236	130.320	ng	0.00
23) Nitrobenzene-d5	8.761	82	1448479	74.910	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1262315	153.878	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3400956	77.214	ng	0.00
79) Terphenyl-d14	19.778	244	5228372	74.833	ng	-0.02

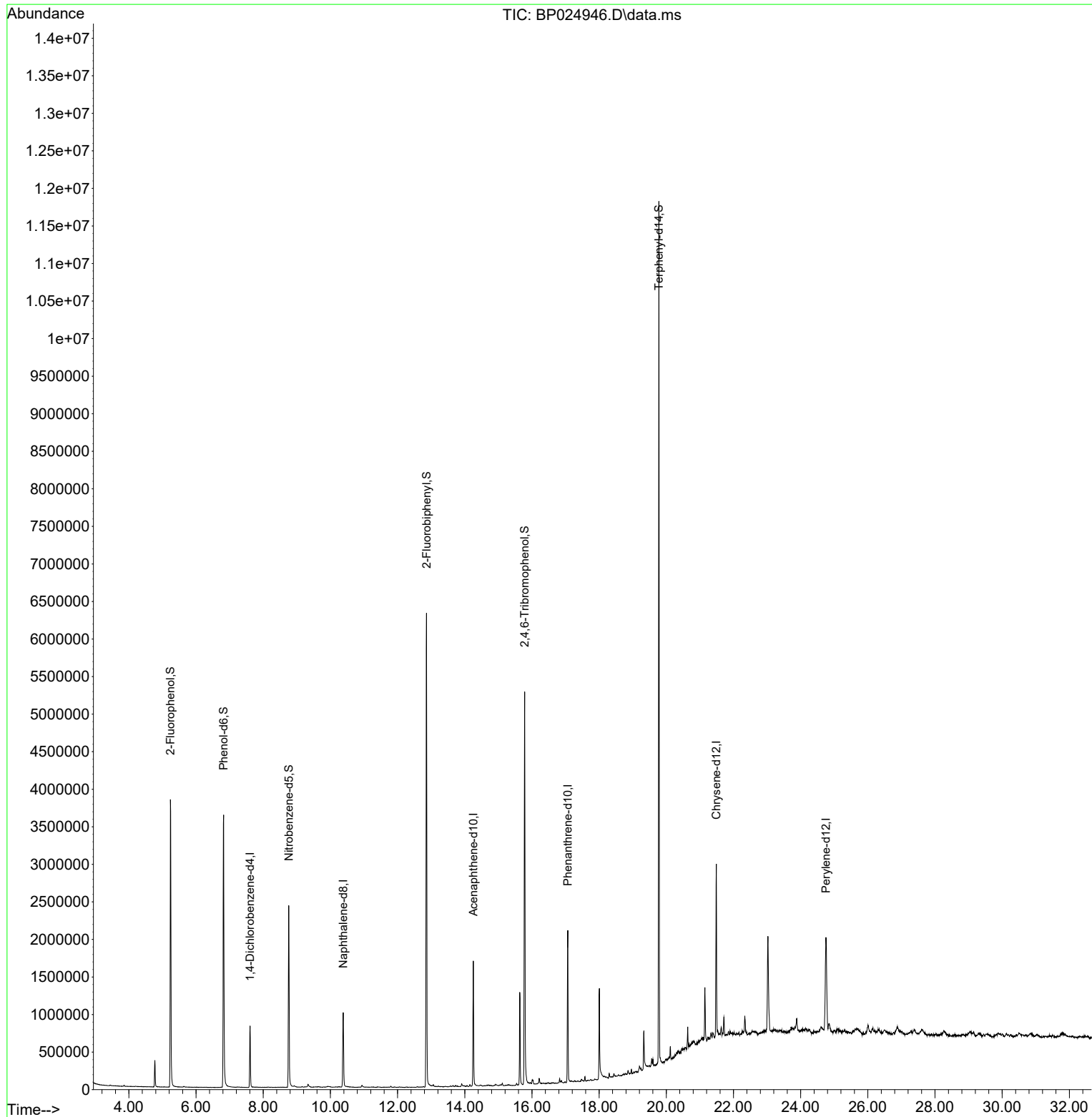
Target Compounds	Qvalue

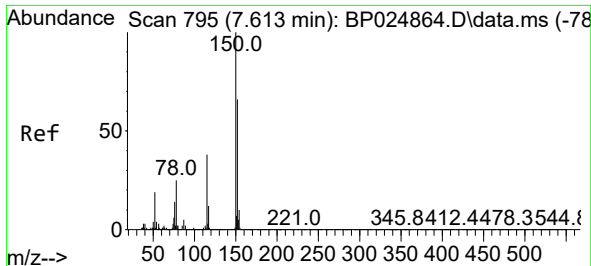
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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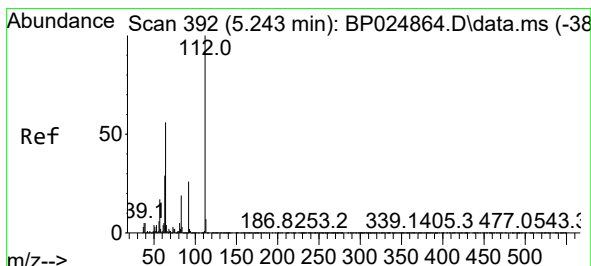
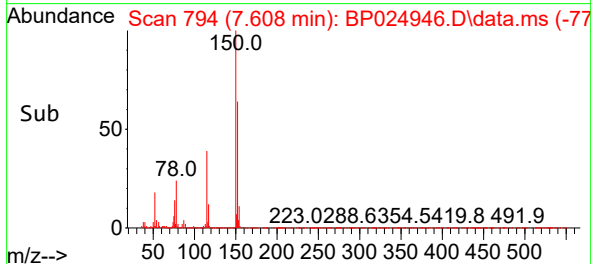
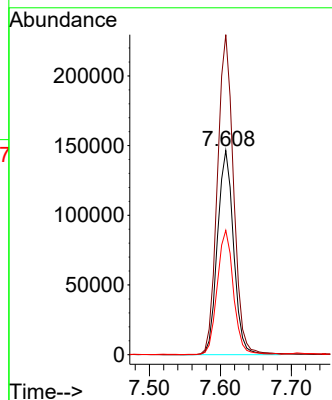
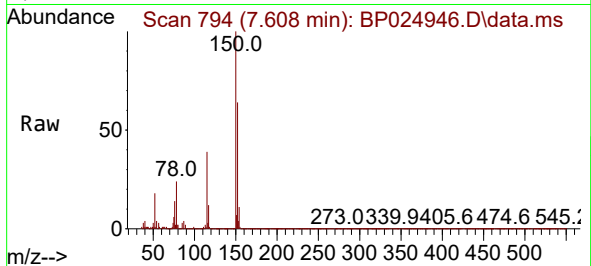




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024946.D
Acq: 13 Jun 2025 16:13

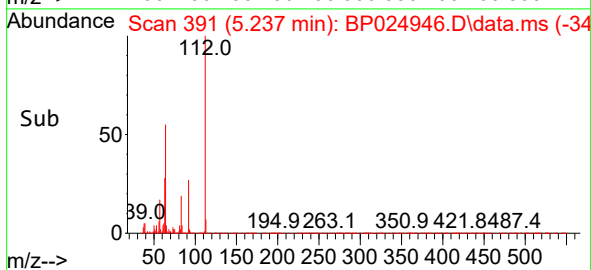
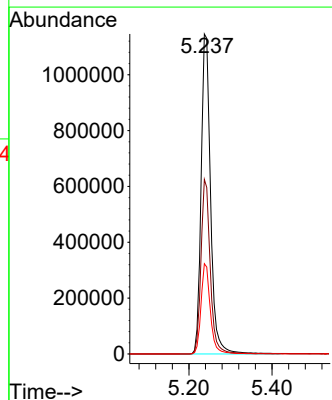
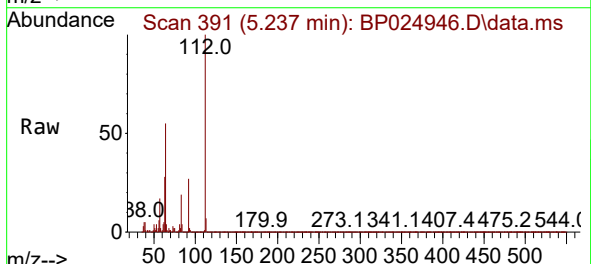
Instrument :
BNA_P
ClientSampleId :
TP-7

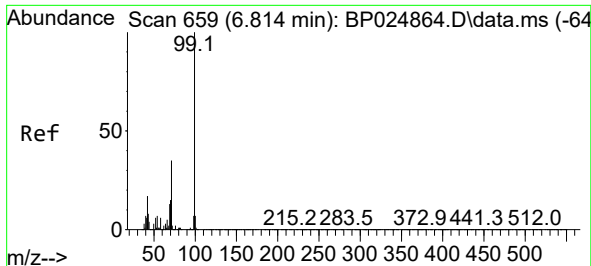
Tgt Ion:152 Resp: 229842
Ion Ratio Lower Upper
152 100
150 156.7 122.1 183.1
115 60.9 46.4 69.6



#5
2-Fluorophenol
Concen: 131.830 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024946.D
Acq: 13 Jun 2025 16:13

Tgt Ion:112 Resp: 1815238
Ion Ratio Lower Upper
112 100
64 54.6 44.7 67.1
63 28.2 23.5 35.3

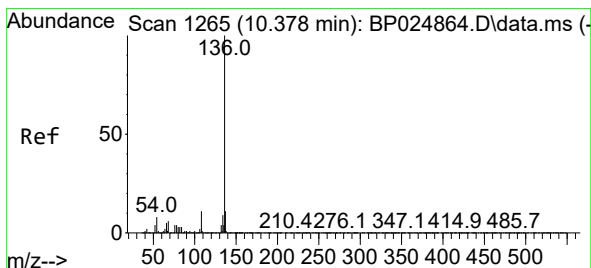
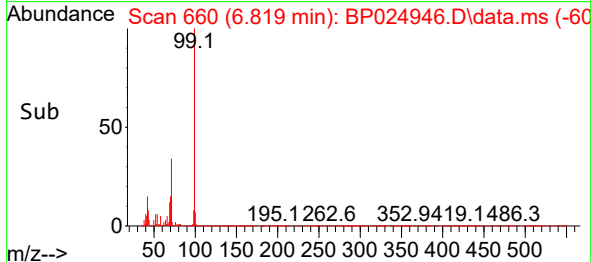
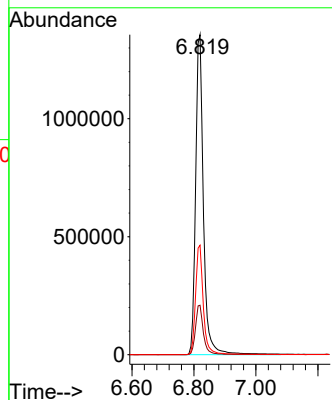
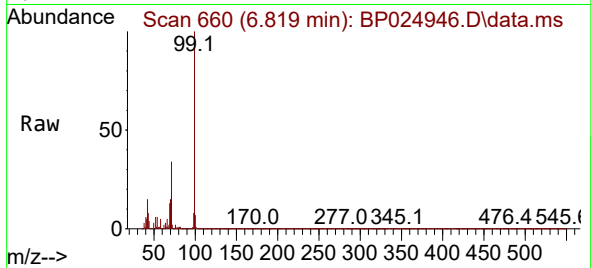




#7
Phenol-d6
Concen: 130.320 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024946.D
Acq: 13 Jun 2025 16:13

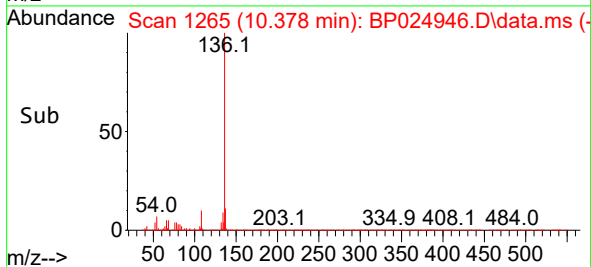
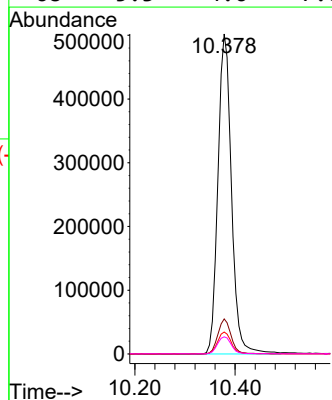
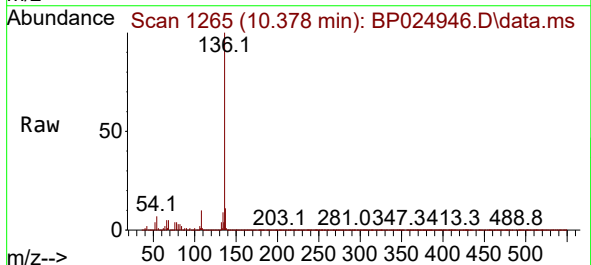
Instrument :
BNA_P
ClientSampleId :
TP-7

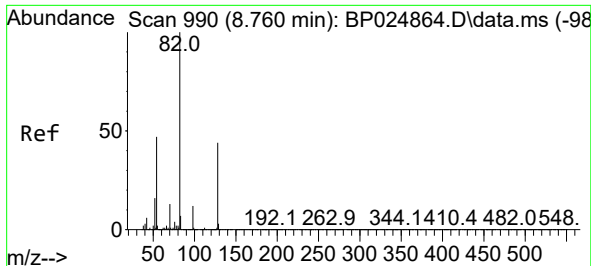
Tgt Ion: 99 Resp: 2374236
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.2
71 34.2 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024946.D
Acq: 13 Jun 2025 16:13

Tgt Ion:136 Resp: 939607
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.1 9.1
68 5.3 4.6 7.0

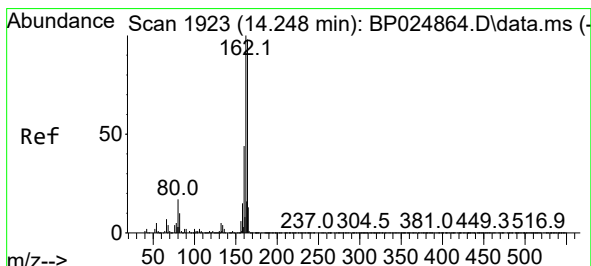
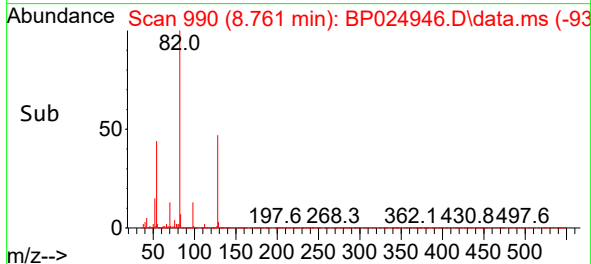
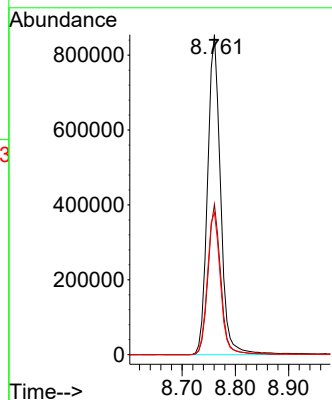
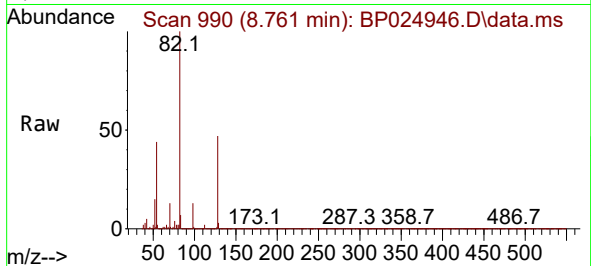




#23
Nitrobenzene-d5
Concen: 74.910 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024946.D
Acq: 13 Jun 2025 16:13

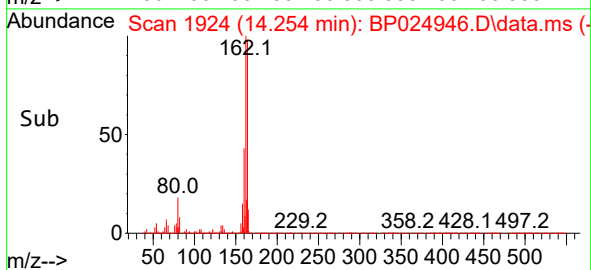
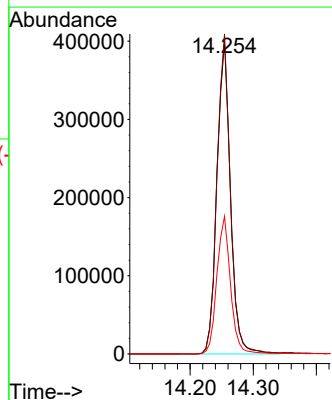
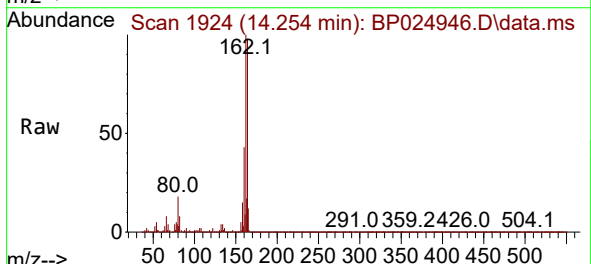
Instrument :
BNA_P
ClientSampleId :
TP-7

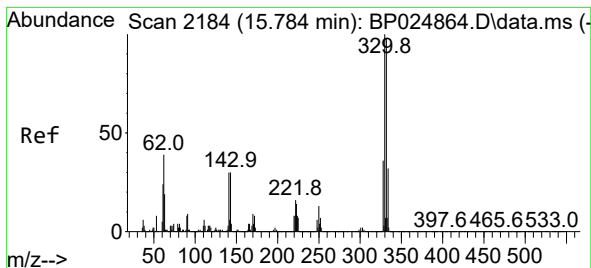
Tgt Ion: 82 Resp: 1448479
Ion Ratio Lower Upper
82 100
128 47.0 35.3 52.9
54 44.5 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024946.D
Acq: 13 Jun 2025 16:13

Tgt Ion:164 Resp: 593347
Ion Ratio Lower Upper
164 100
162 102.4 81.6 122.4
160 44.0 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 153.878 ng

RT: 15.784 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BP024946.D

Acq: 13 Jun 2025 16:13

Instrument :

BNA_P

ClientSampleId :

TP-7

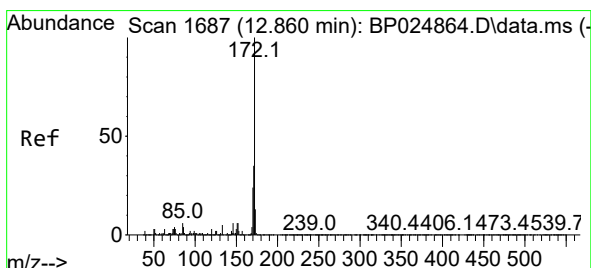
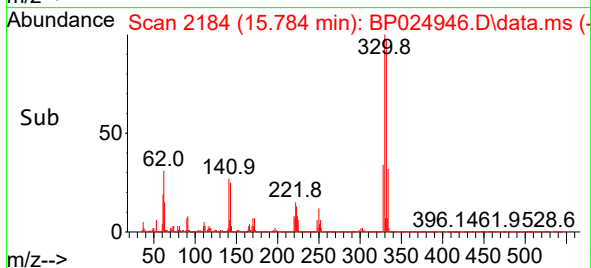
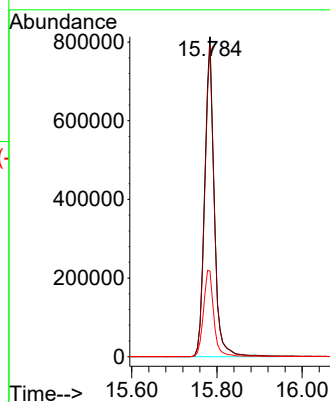
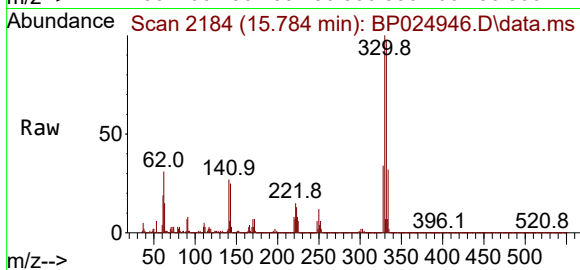
Tgt Ion:330 Resp: 1262315

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 29.0 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 77.214 ng

RT: 12.860 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BP024946.D

Acq: 13 Jun 2025 16:13

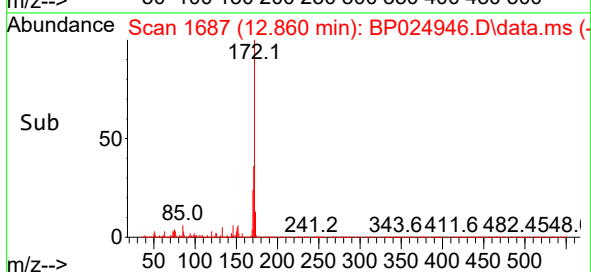
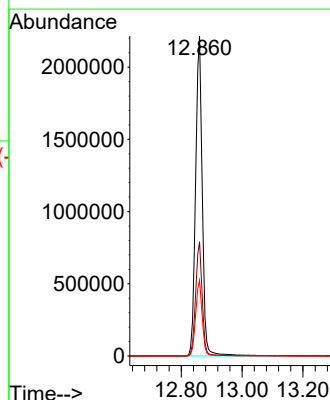
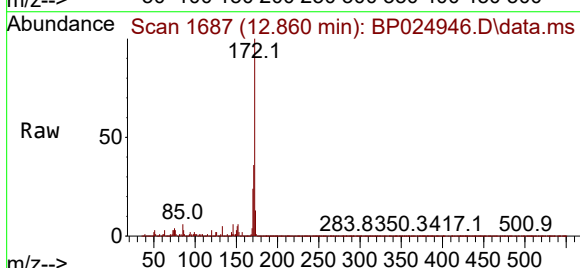
Tgt Ion:172 Resp: 3400956

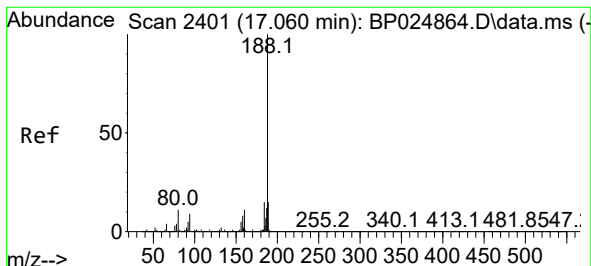
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.066 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP024946.D

Acq: 13 Jun 2025 16:13

Instrument :

BNA_P

ClientSampleId :

TP-7

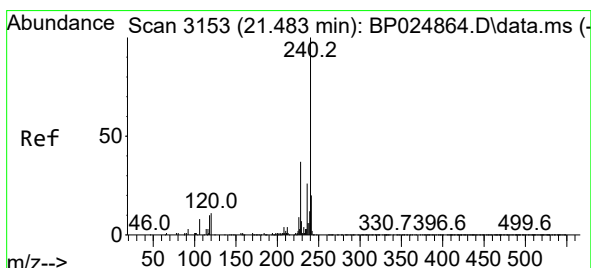
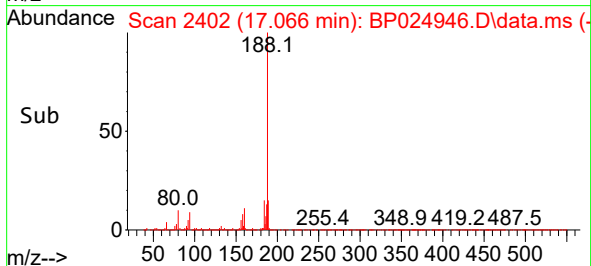
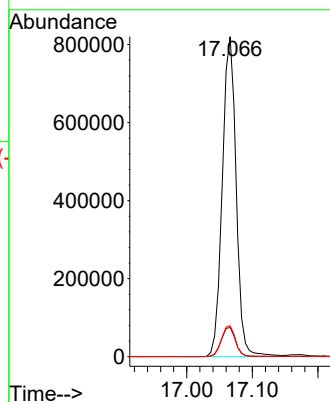
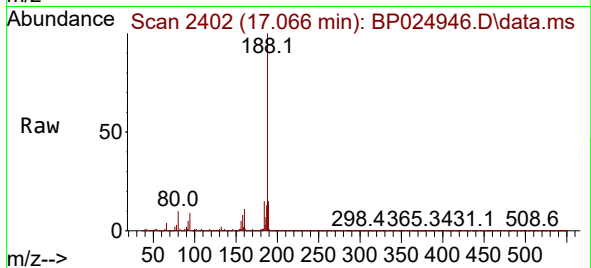
Tgt Ion:188 Resp: 1196007

Ion Ratio Lower Upper

188 100

94 9.2 7.3 10.9

80 9.7 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP024946.D

Acq: 13 Jun 2025 16:13

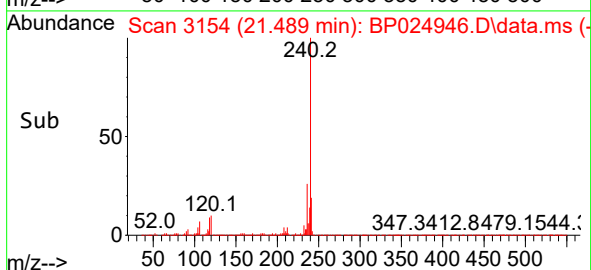
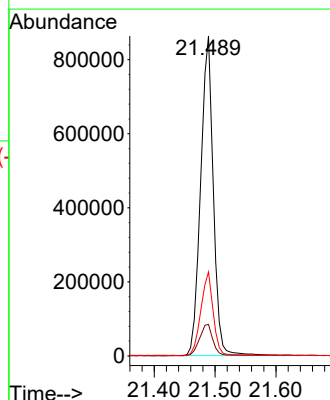
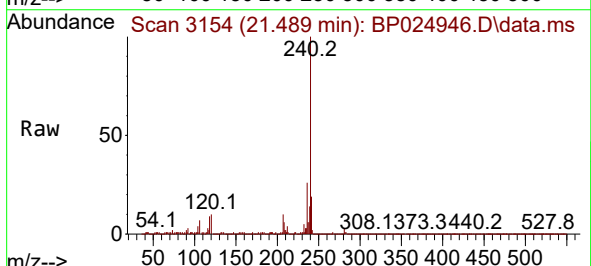
Tgt Ion:240 Resp: 1252188

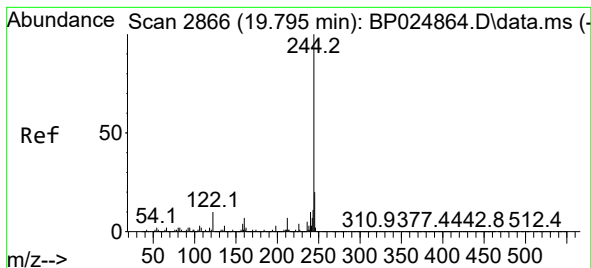
Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 74.833 ng

RT: 19.778 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024946.D

Acq: 13 Jun 2025 16:13

Instrument :

BNA_P

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TP-7

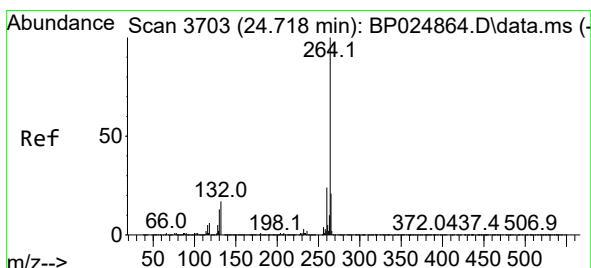
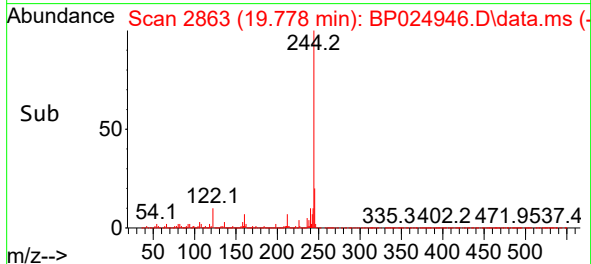
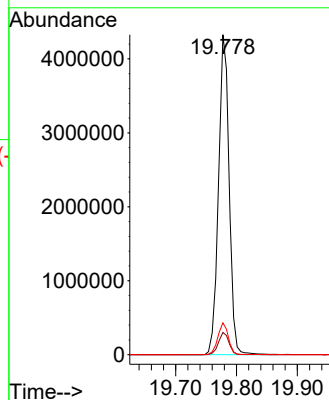
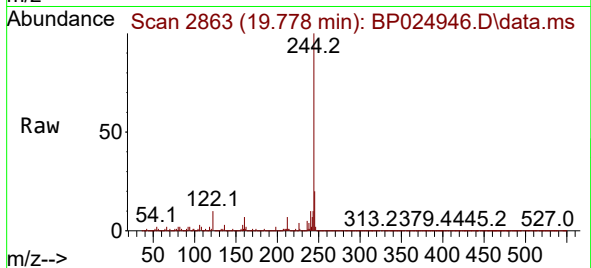
Tgt Ion:244 Resp: 5228372

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.035 min

Lab File: BP024946.D

Acq: 13 Jun 2025 16:13

Tgt Ion:264 Resp: 1509272

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.8 17.4 26.0

