

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
 Data File : BP024894.D
 Acq On : 10 Jun 2025 15:05
 Operator : RC/JU
 Sample : Q2176-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-65

Quant Time: Jun 10 15:28:58 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	258411	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1090500	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	691206	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1373079	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1382027	20.000	ng	0.00
86) Perylene-d12	24.736	264	1592939	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1744524	112.687	ng	0.00
7) Phenol-d6	6.814	99	2291033	111.850	ng	0.00
23) Nitrobenzene-d5	8.761	82	1410528	62.854	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1137466	119.028	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	2961471	57.717	ng	0.00
79) Terphenyl-d14	19.783	244	4503227	58.399	ng	-0.01

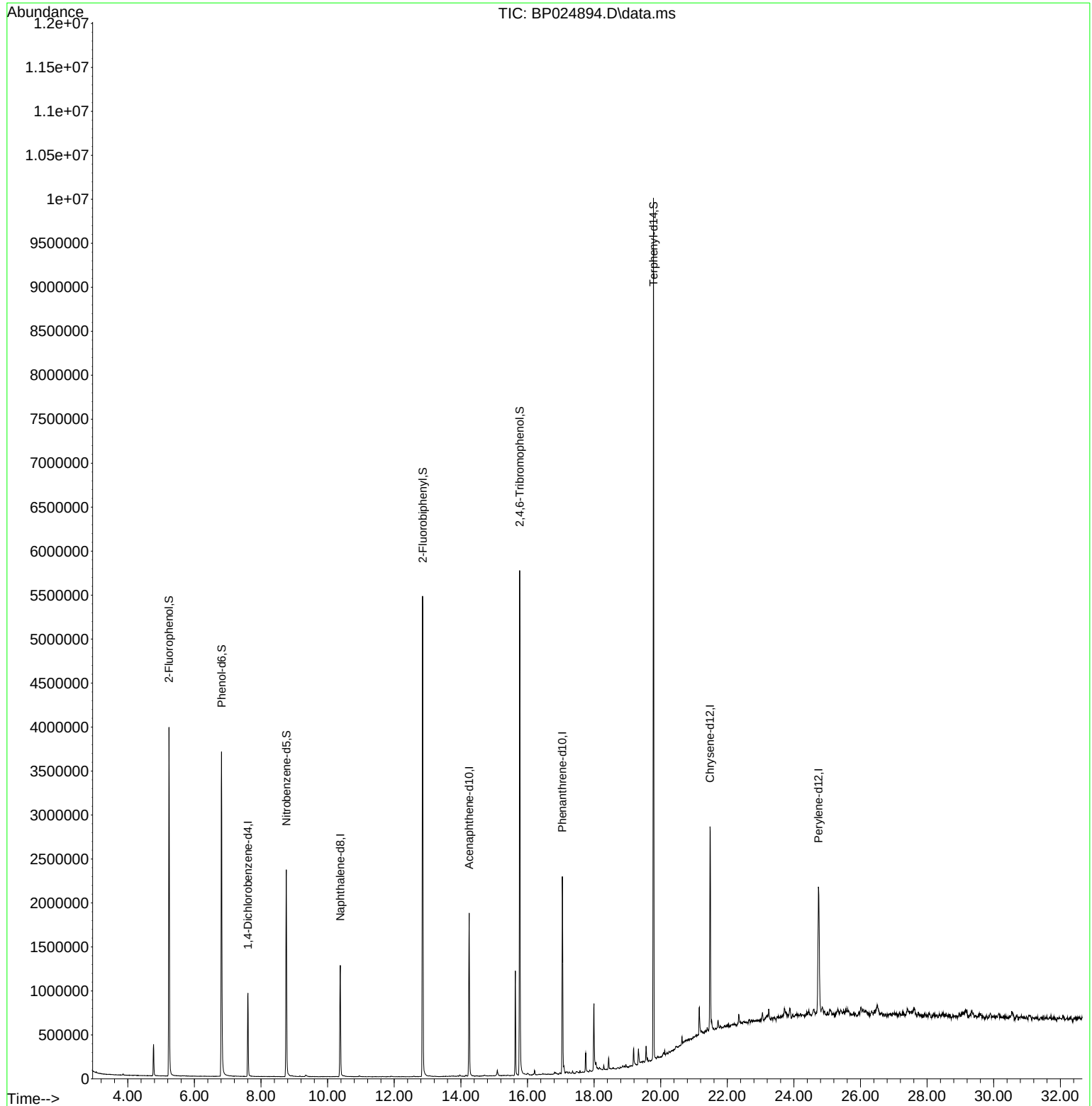
Target Compounds	Qvalue

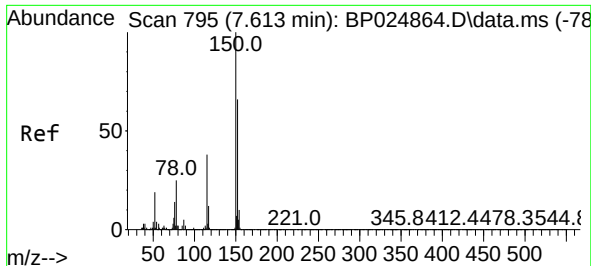
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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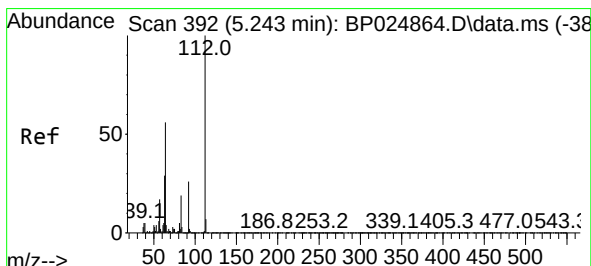
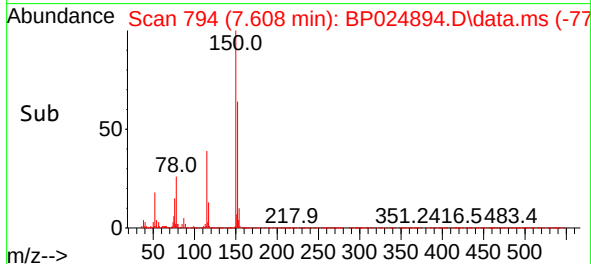
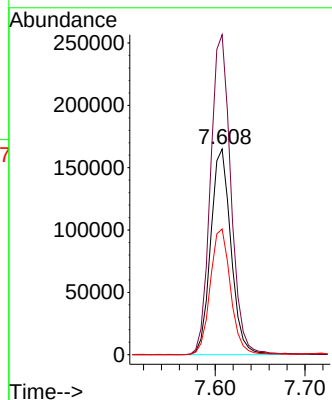
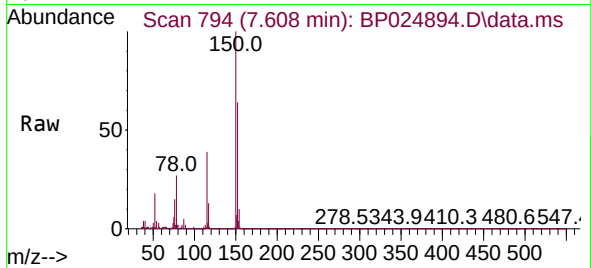




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024894.D
Acq: 10 Jun 2025 15:05

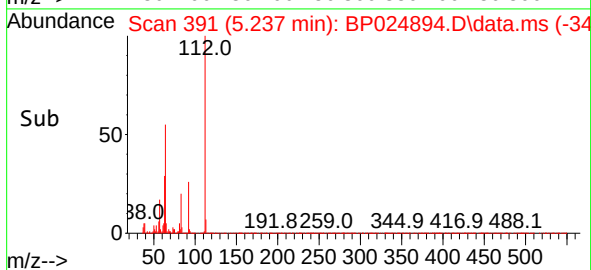
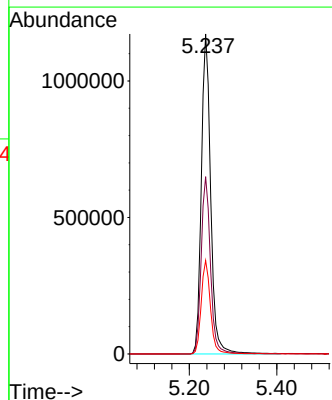
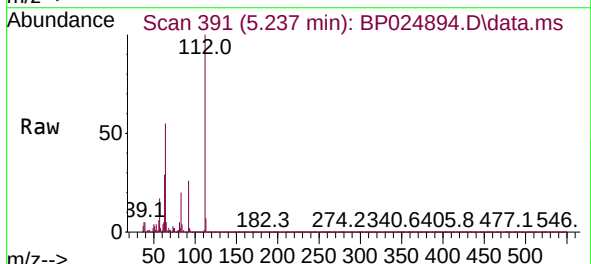
Instrument :
BNA_P
ClientSampleId :
TP-65

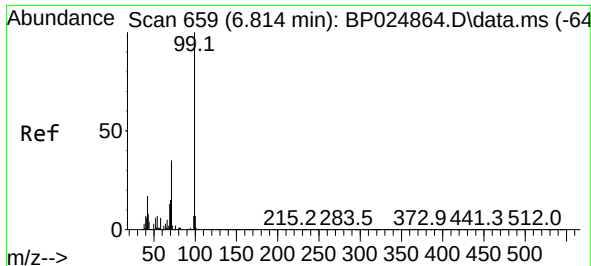
Tgt Ion:152 Resp: 258411
Ion Ratio Lower Upper
152 100
150 155.6 122.1 183.1
115 61.1 46.4 69.6



#5
2-Fluorophenol
Concen: 112.687 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024894.D
Acq: 10 Jun 2025 15:05

Tgt Ion:112 Resp: 1744524
Ion Ratio Lower Upper
112 100
64 55.4 44.7 67.1
63 29.2 23.5 35.3

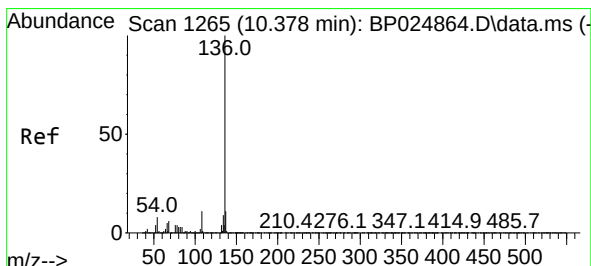
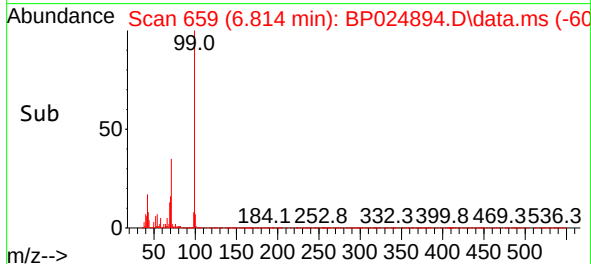
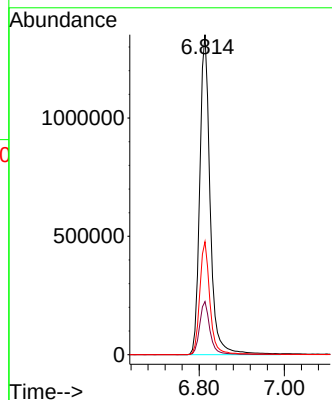
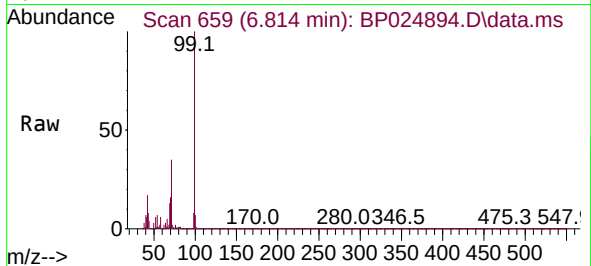




#7
Phenol-d6
Concen: 111.850 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024894.D
Acq: 10 Jun 2025 15:05

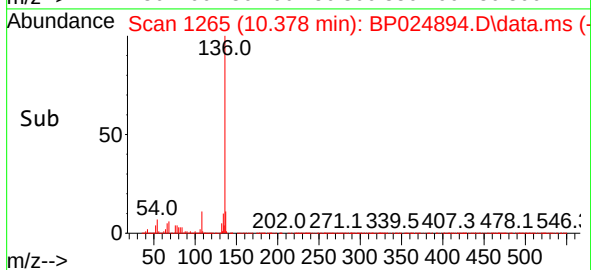
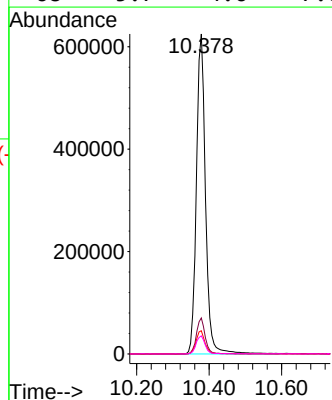
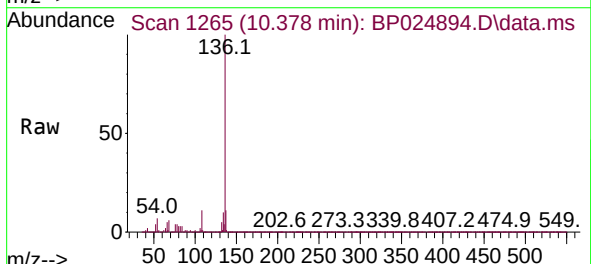
Instrument :
BNA_P
ClientSampleId :
TP-65

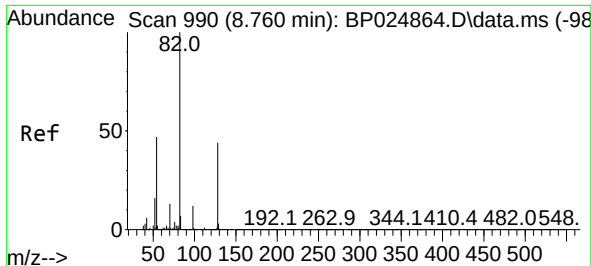
Tgt Ion: 99 Resp: 2291033
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.2
71 35.3 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024894.D
Acq: 10 Jun 2025 15:05

Tgt Ion: 136 Resp: 1090500
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.2 6.1 9.1
68 5.7 4.6 7.0

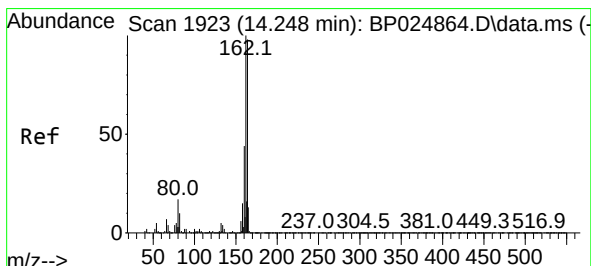
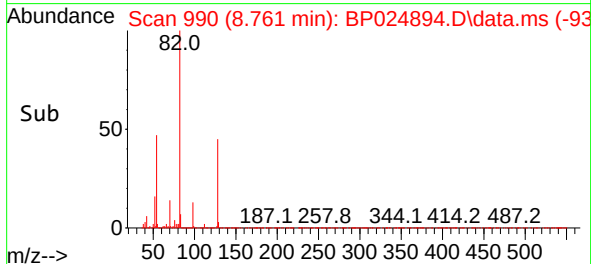
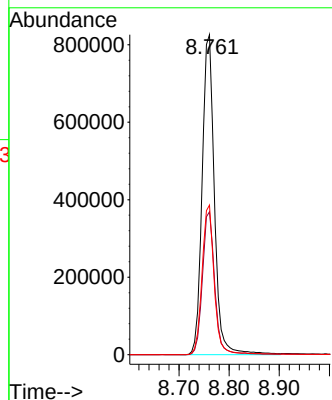
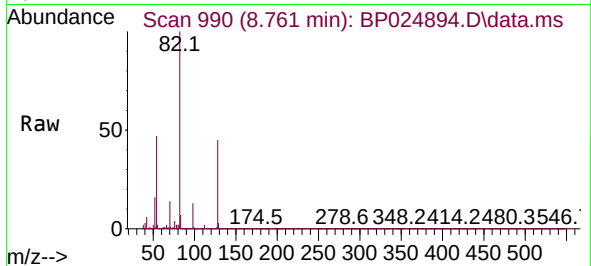




#23
Nitrobenzene-d5
Concen: 62.854 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024894.D
Acq: 10 Jun 2025 15:05

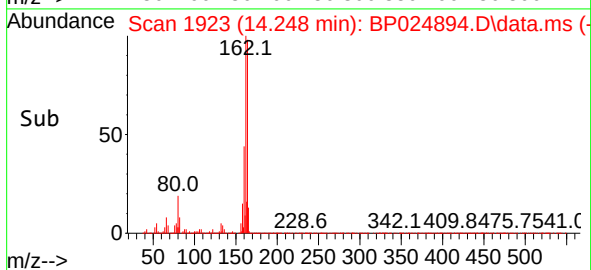
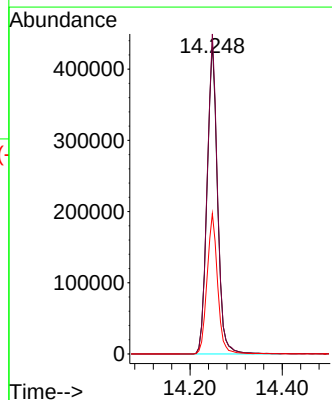
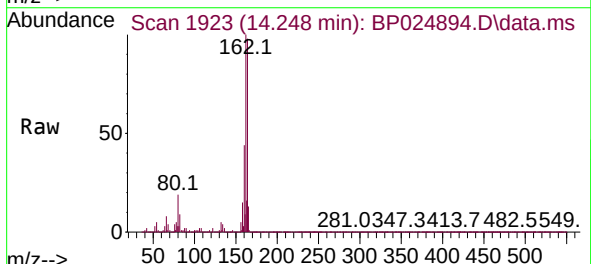
Instrument :
BNA_P
ClientSampleId :
TP-65

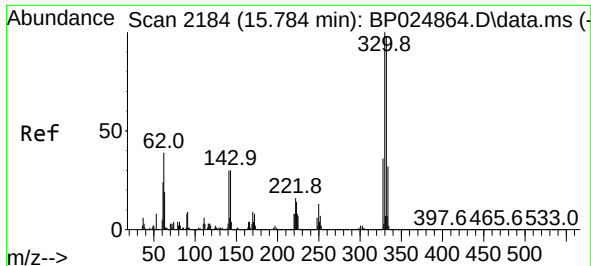
Tgt Ion: 82 Resp: 1410528
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 46.8 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP024894.D
Acq: 10 Jun 2025 15:05

Tgt Ion:164 Resp: 691206
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 45.0 36.2 54.2

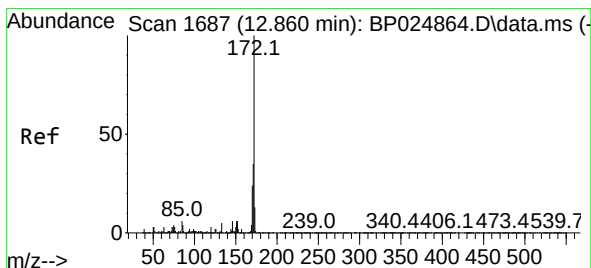
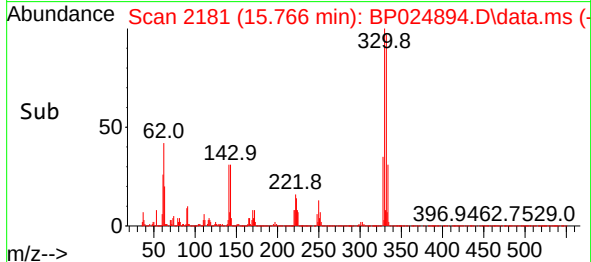
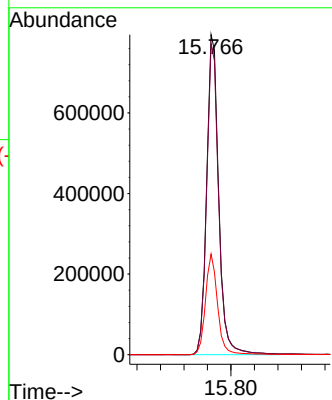
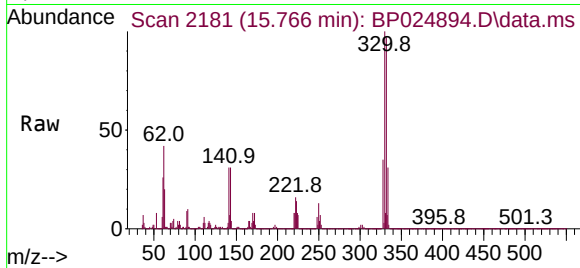




#42
2,4,6-Tribromophenol
Concen: 119.028 ng
RT: 15.766 min Scan# 2184
Delta R.T. -0.018 min
Lab File: BP024894.D
Acq: 10 Jun 2025 15:05

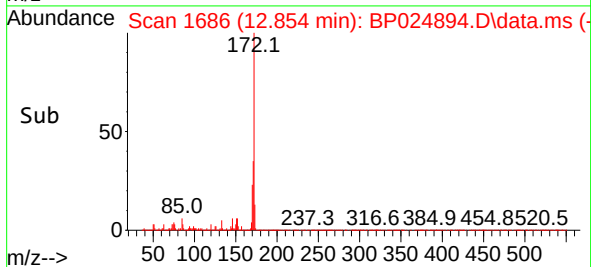
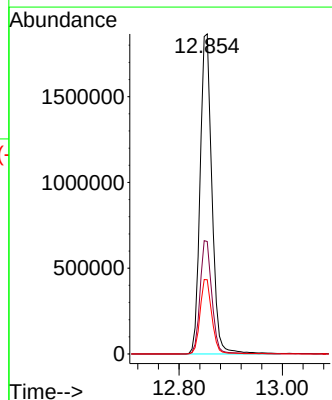
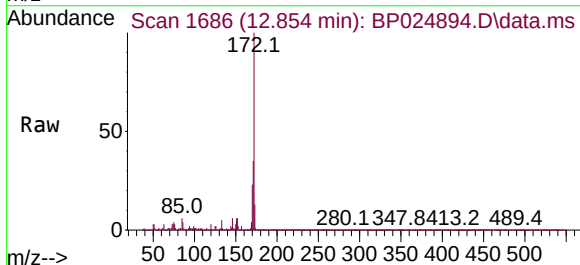
Instrument :
BNA_P
ClientSampleId :
TP-65

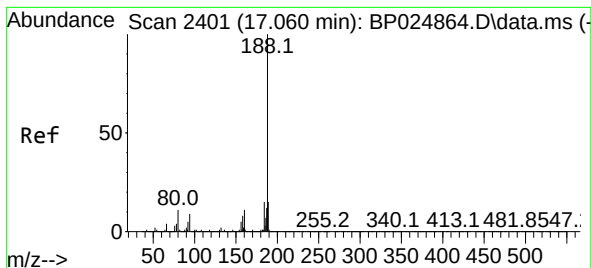
Tgt Ion:330 Resp: 1137466
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 31.4 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 57.717 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024894.D
Acq: 10 Jun 2025 15:05

Tgt Ion:172 Resp: 2961471
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.048 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024894.D

Acq: 10 Jun 2025 15:05

Instrument :

BNA_P

ClientSampleId :

TP-65

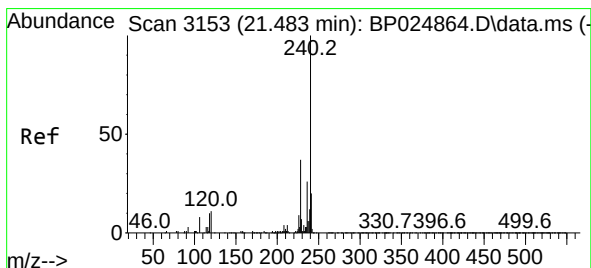
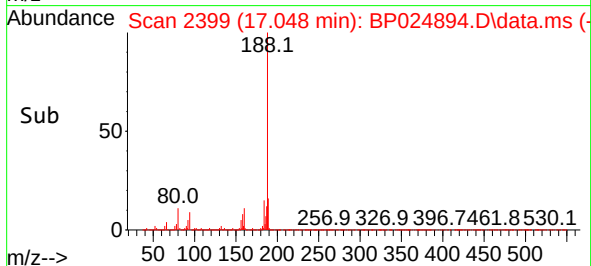
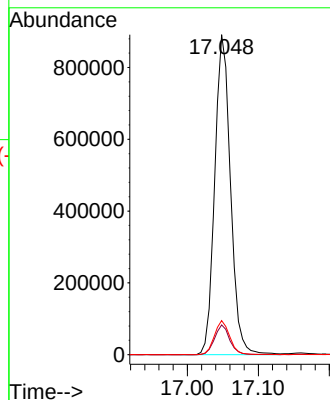
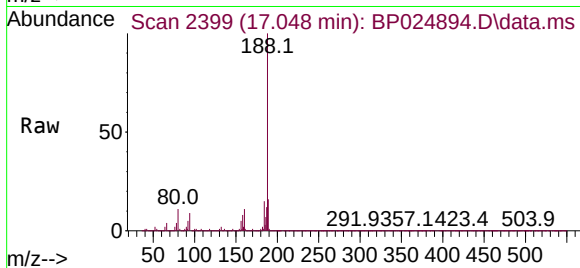
Tgt Ion:188 Resp: 1373079

Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

80 10.7 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.483 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BP024894.D

Acq: 10 Jun 2025 15:05

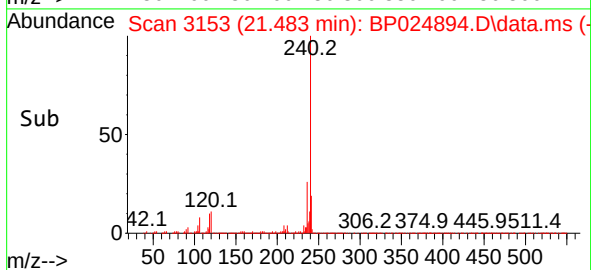
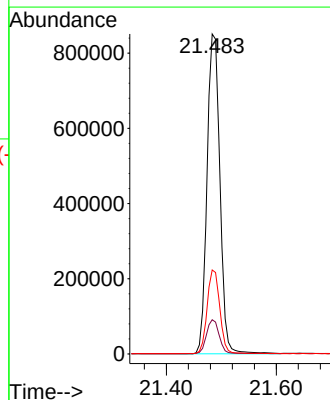
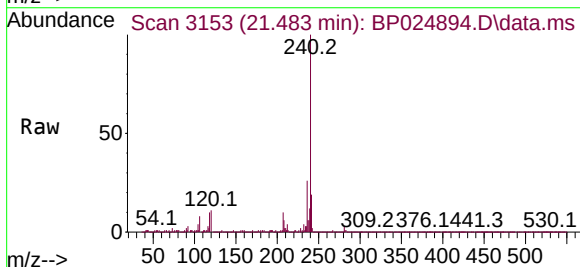
Tgt Ion:240 Resp: 1382027

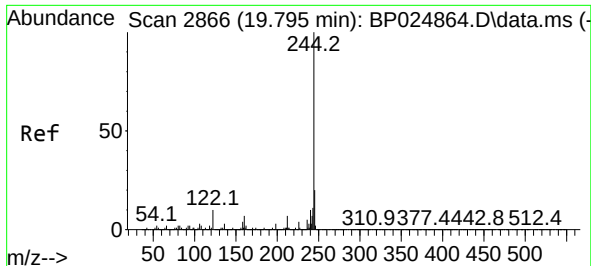
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 26.2 20.9 31.3

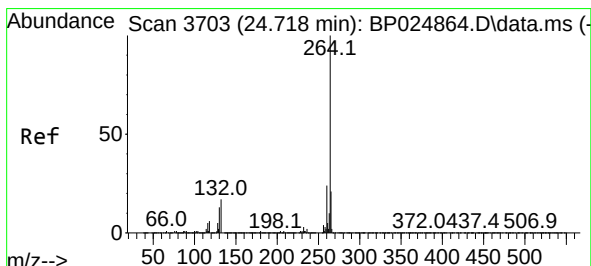
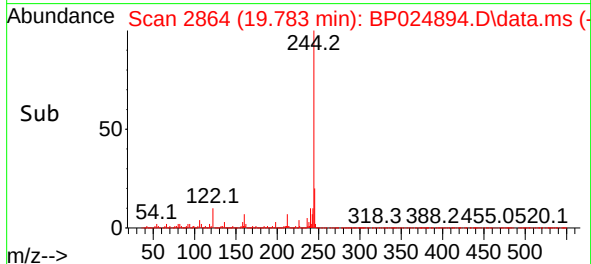
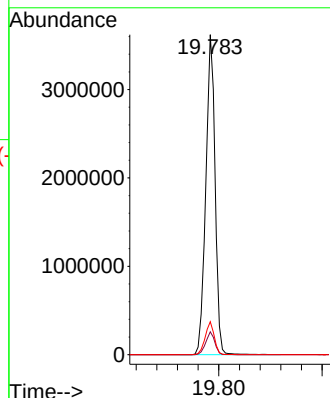
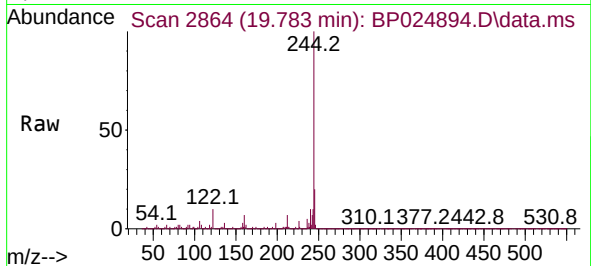




#79
 Terphenyl-d14
 Concen: 58.399 ng
 RT: 19.783 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024894.D
 Acq: 10 Jun 2025 15:05

Instrument :
 BNA_P
 ClientSampleId :
 TP-65

Tgt Ion:244 Resp: 4503227
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.3 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 3706
 Delta R.T. 0.018 min
 Lab File: BP024894.D
 Acq: 10 Jun 2025 15:05

Tgt Ion:264 Resp: 1592939
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 22.6 17.4 26.0

