

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024875.D
 Acq On : 09 Jun 2025 13:31
 Operator : RC/JU
 Sample : Q2209-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P01W

Quant Time: Jun 09 13:51:31 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	305772	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1202322	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	730596	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1469775	20.000	ng	-0.01
76) Chrysene-d12	21.466	240	1832304	20.000	ng	-0.02
86) Perylene-d12	24.712	264	2370307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1664555	90.868	ng	0.00
7) Phenol-d6	6.813	99	1441905	59.491	ng	0.00
23) Nitrobenzene-d5	8.760	82	2205524	89.138	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1613344	159.723	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	4535208	83.623	ng	0.00
79) Terphenyl-d14	19.772	244	8128028	79.503	ng	-0.02

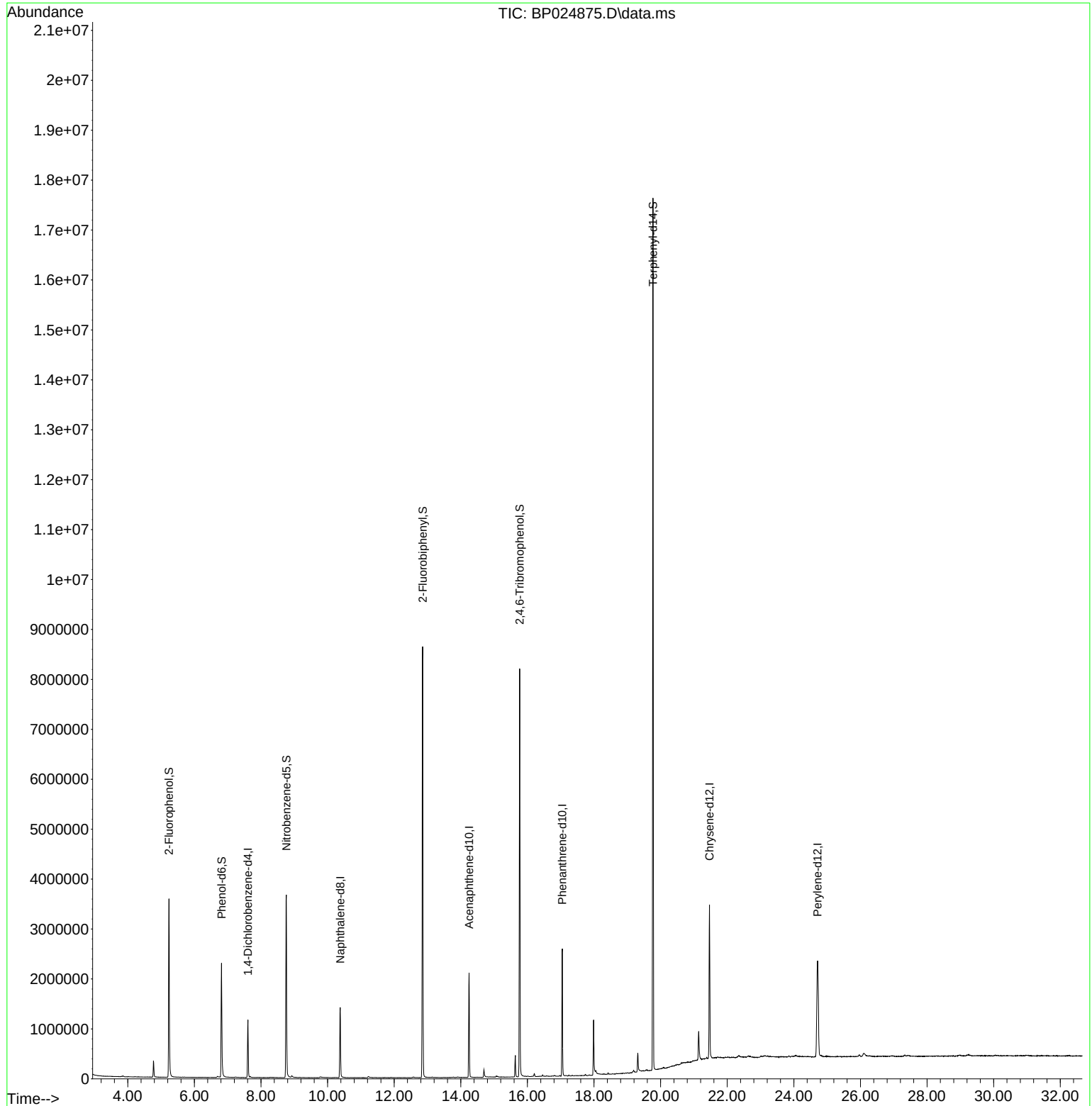
Target Compounds	Qvalue

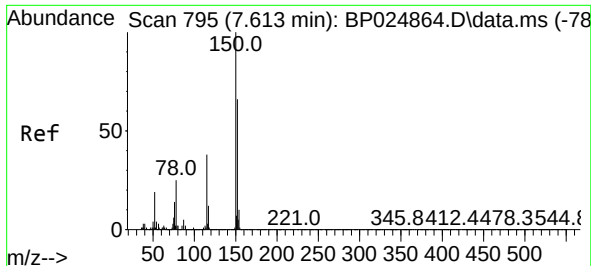
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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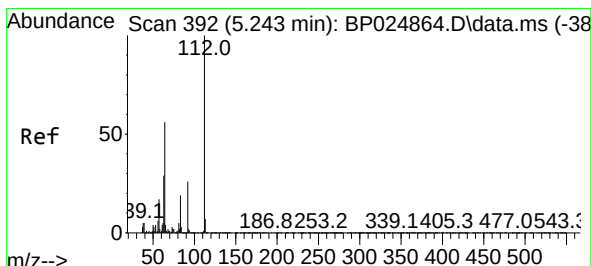
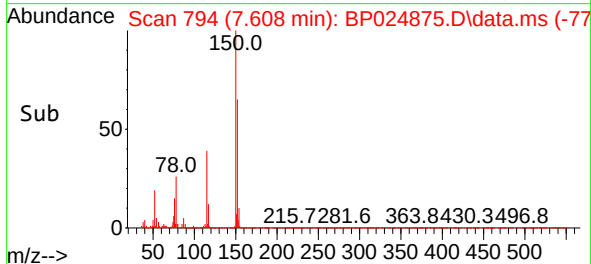
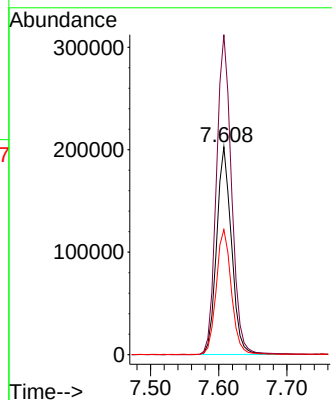
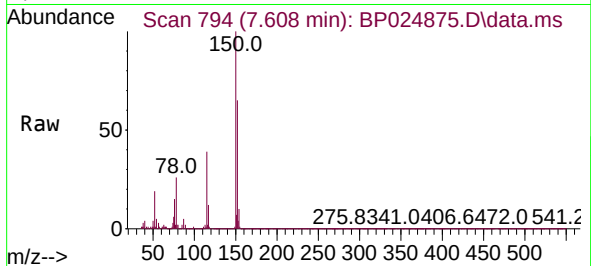




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

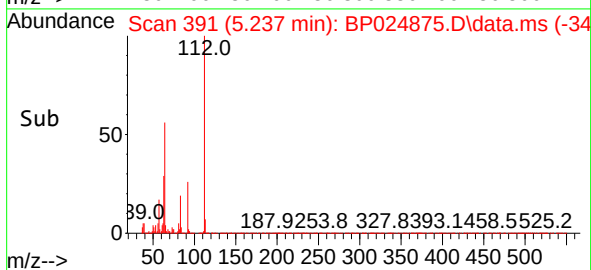
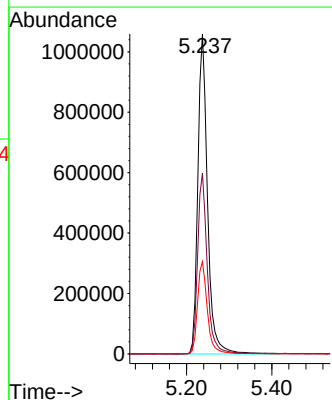
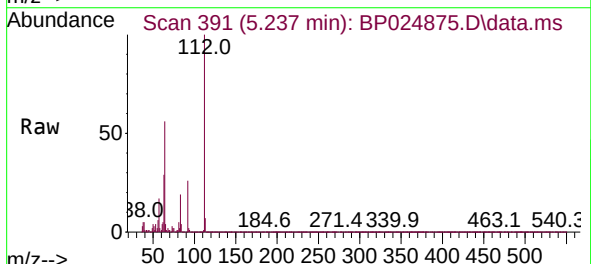
Instrument :
BNA_P
ClientSampleId :
P01W

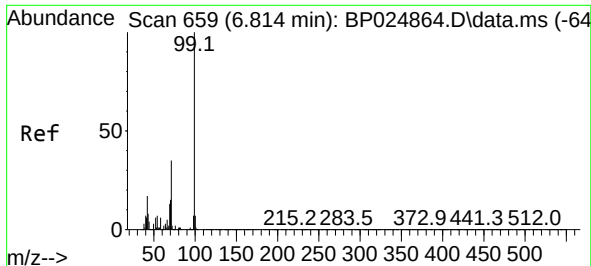
Tgt Ion:152 Resp: 305772
Ion Ratio Lower Upper
152 100
150 154.0 122.1 183.1
115 60.1 46.4 69.6



#5
2-Fluorophenol
Concen: 90.868 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:112 Resp: 1664555
Ion Ratio Lower Upper
112 100
64 56.5 44.7 67.1
63 28.8 23.5 35.3

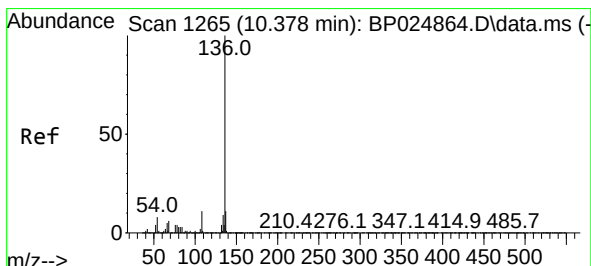
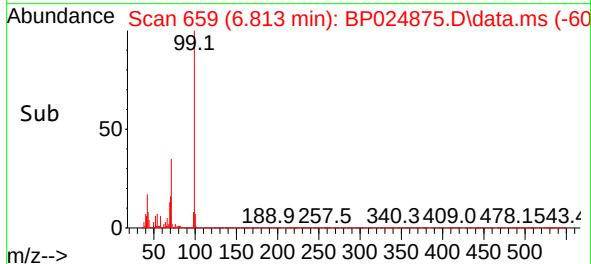
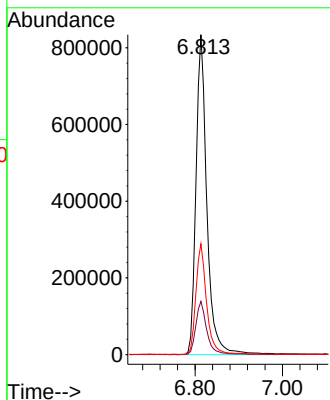
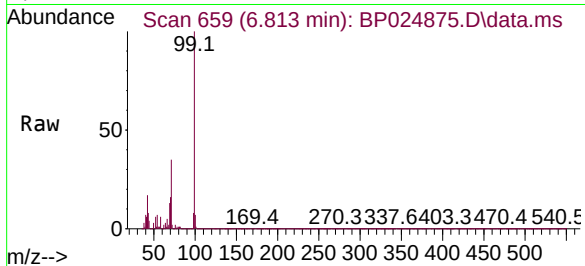




#7
Phenol-d6
Concen: 59.491 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

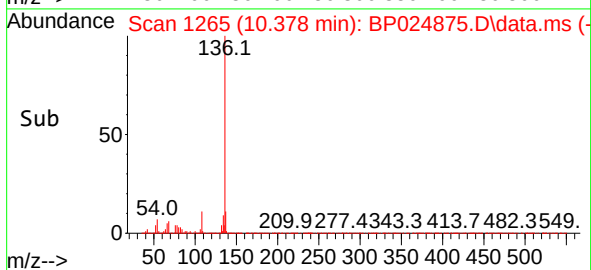
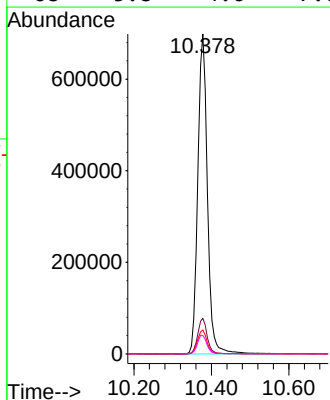
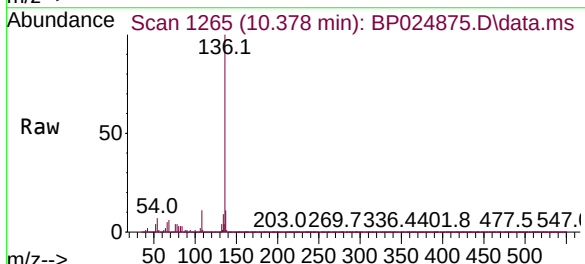
Instrument :
BNA_P
ClientSampleId :
P01W

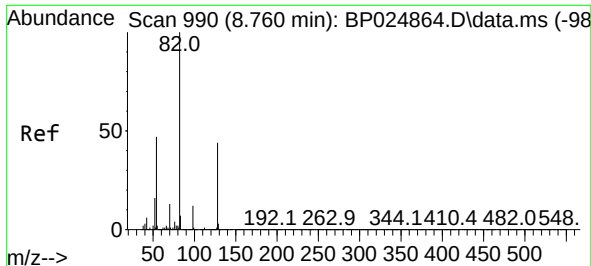
Tgt Ion: 99 Resp: 1441905
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.2
71 34.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion: 136 Resp: 1202322
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.1 9.1
68 5.8 4.6 7.0



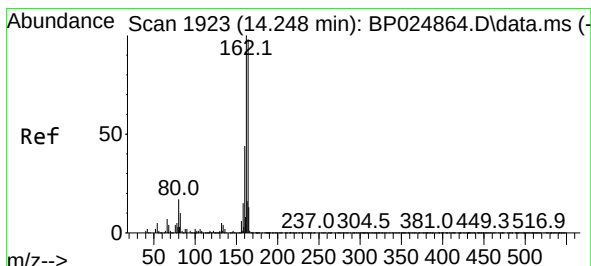
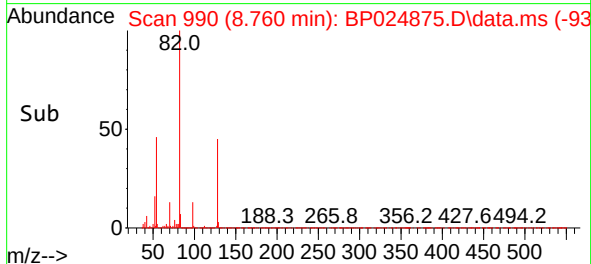
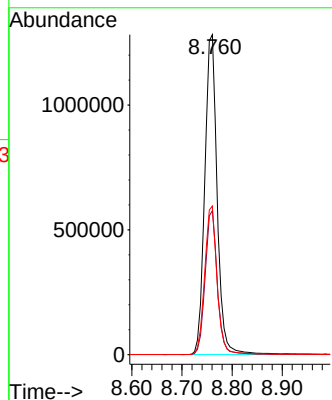
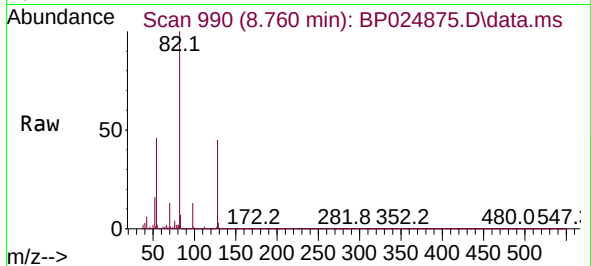


#23
Nitrobenzene-d5
Concen: 89.138 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion: 82 Resp: 2205524

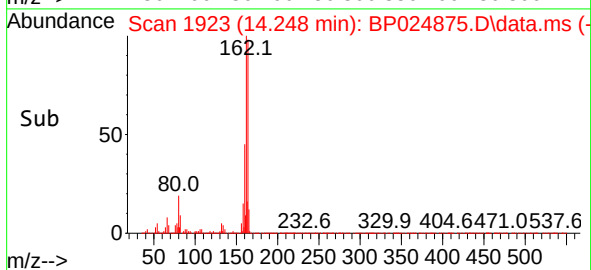
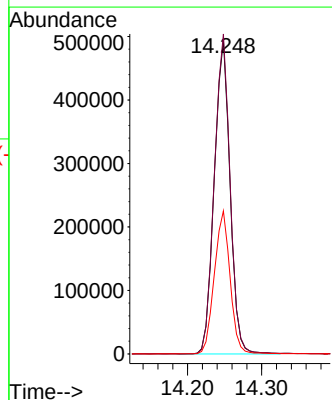
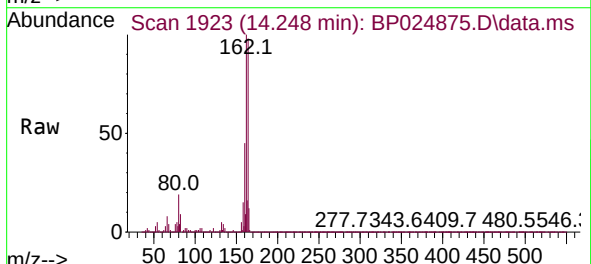
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.3	52.9
54	46.4	37.4	56.0

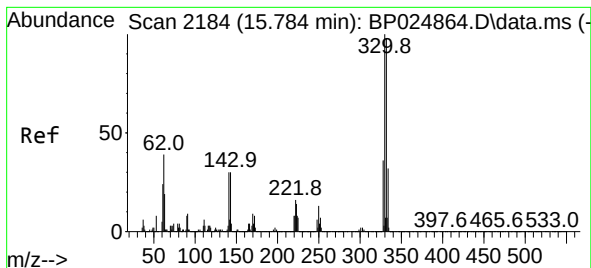


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:164 Resp: 730596

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	45.5	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 159.723 ng

RT: 15.766 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024875.D

Acq: 09 Jun 2025 13:31

Instrument :

BNA_P

ClientSampleId :

P01W

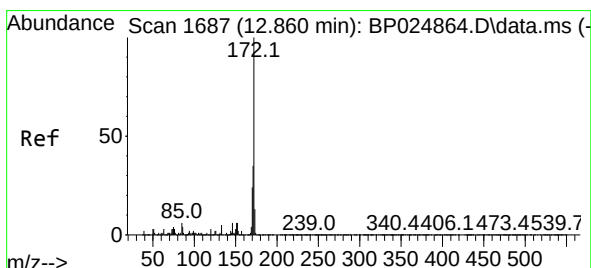
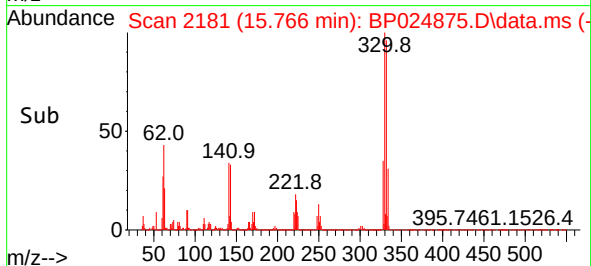
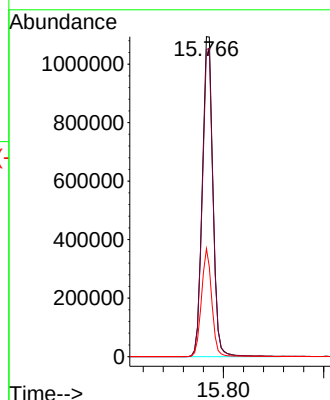
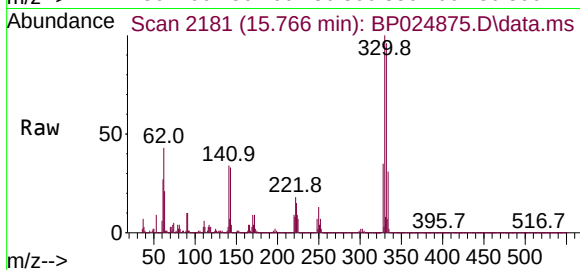
Tgt Ion:330 Resp: 1613344

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 32.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 83.623 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024875.D

Acq: 09 Jun 2025 13:31

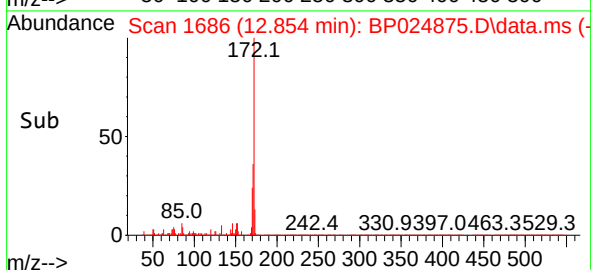
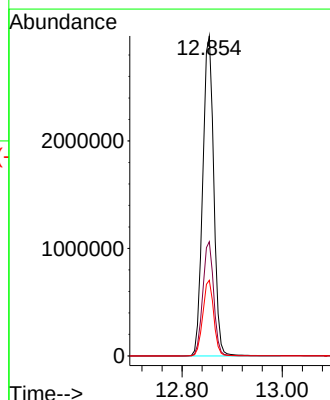
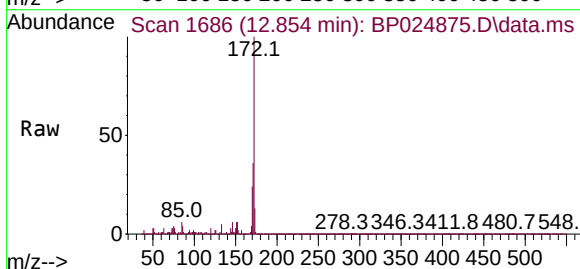
Tgt Ion:172 Resp: 4535208

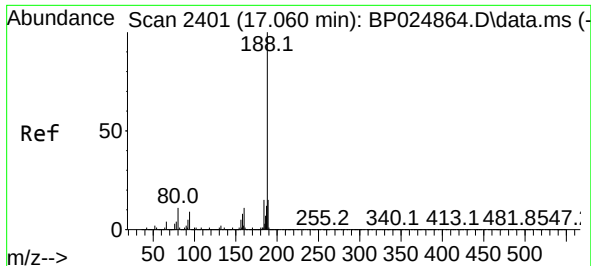
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.4

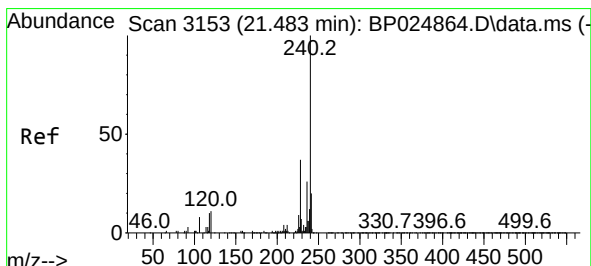
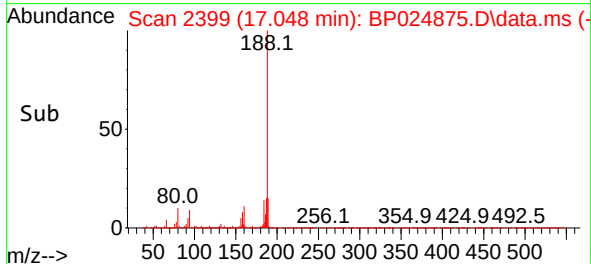
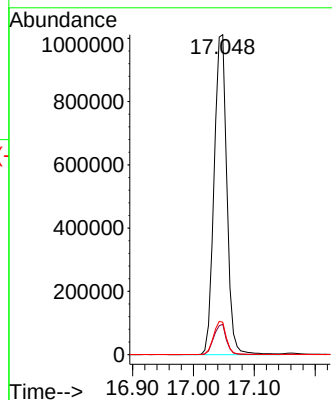
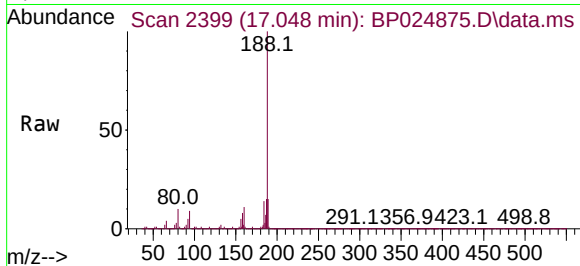




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

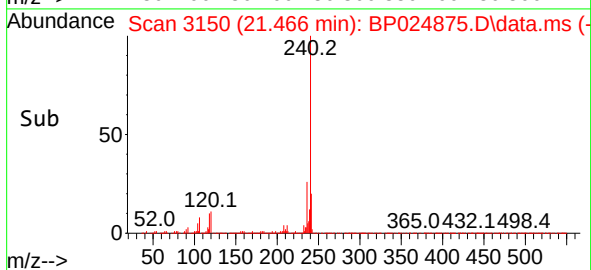
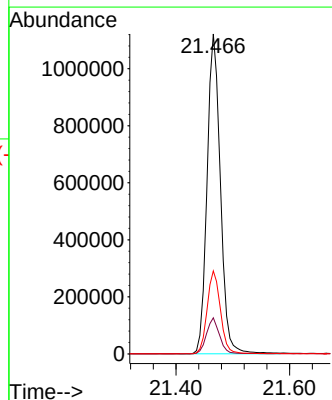
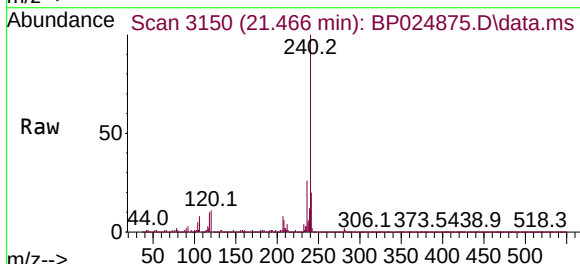
Instrument :
BNA_P
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P01W

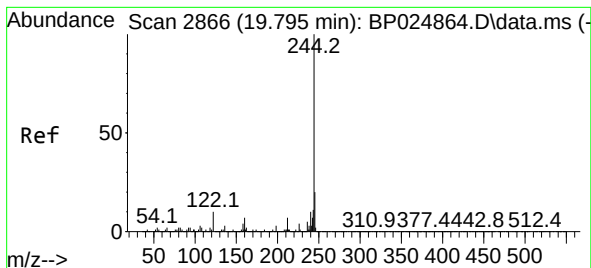
Tgt Ion:188 Resp: 1469775
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 10.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.466 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:240 Resp: 1832304
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 79.503 ng

RT: 19.772 min Scan# 2866

Delta R.T. -0.024 min

Lab File: BP024875.D

Acq: 09 Jun 2025 13:31

Instrument :

BNA_P

ClientSampleId :

P01W

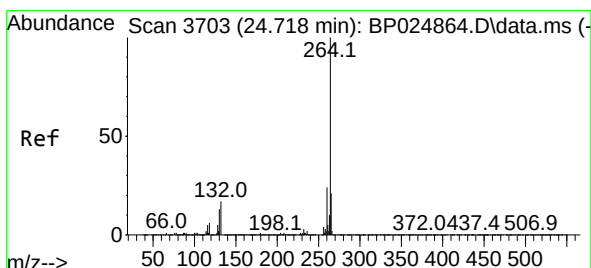
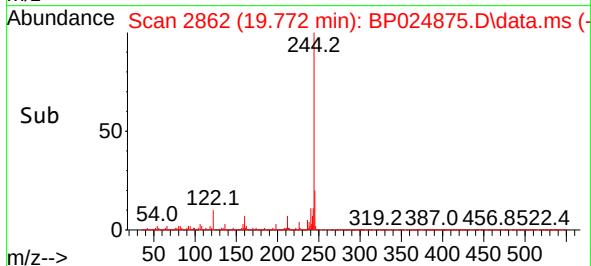
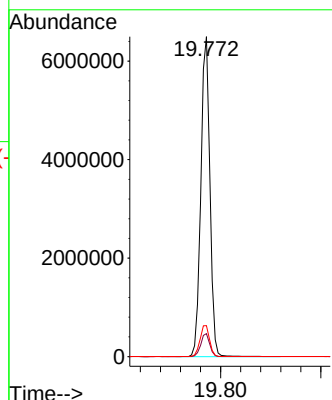
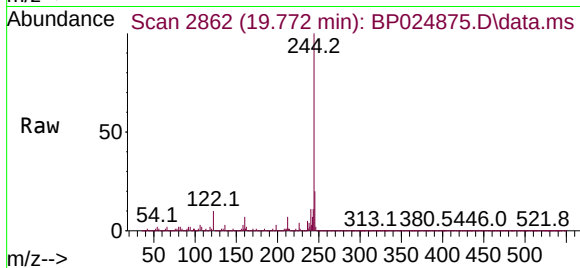
Tgt Ion:244 Resp: 8128028

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.712 min Scan# 3702

Delta R.T. -0.006 min

Lab File: BP024875.D

Acq: 09 Jun 2025 13:31

Tgt Ion:264 Resp: 2370307

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.6 17.4 26.0

