

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031325\
 Data File : BP024172.D
 Acq On : 13 Mar 2025 11:02
 Operator : RC/JU
 Sample : PB167097BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167097BL

Quant Time: Mar 13 11:50:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	336124	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1342417	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	804453	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1582232	20.000	ng	0.00
76) Chrysene-d12	21.674	240	1588054	20.000	ng	0.02
86) Perylene-d12	25.063	264	1702117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3140668	149.153	ng	0.00
7) Phenol-d6	6.952	99	3956451	140.508	ng	0.00
23) Nitrobenzene-d5	8.916	82	2263364	95.128	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1528233	150.816	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5298833	97.125	ng	0.00
79) Terphenyl-d14	19.939	244	8374623	108.857	ng	0.02

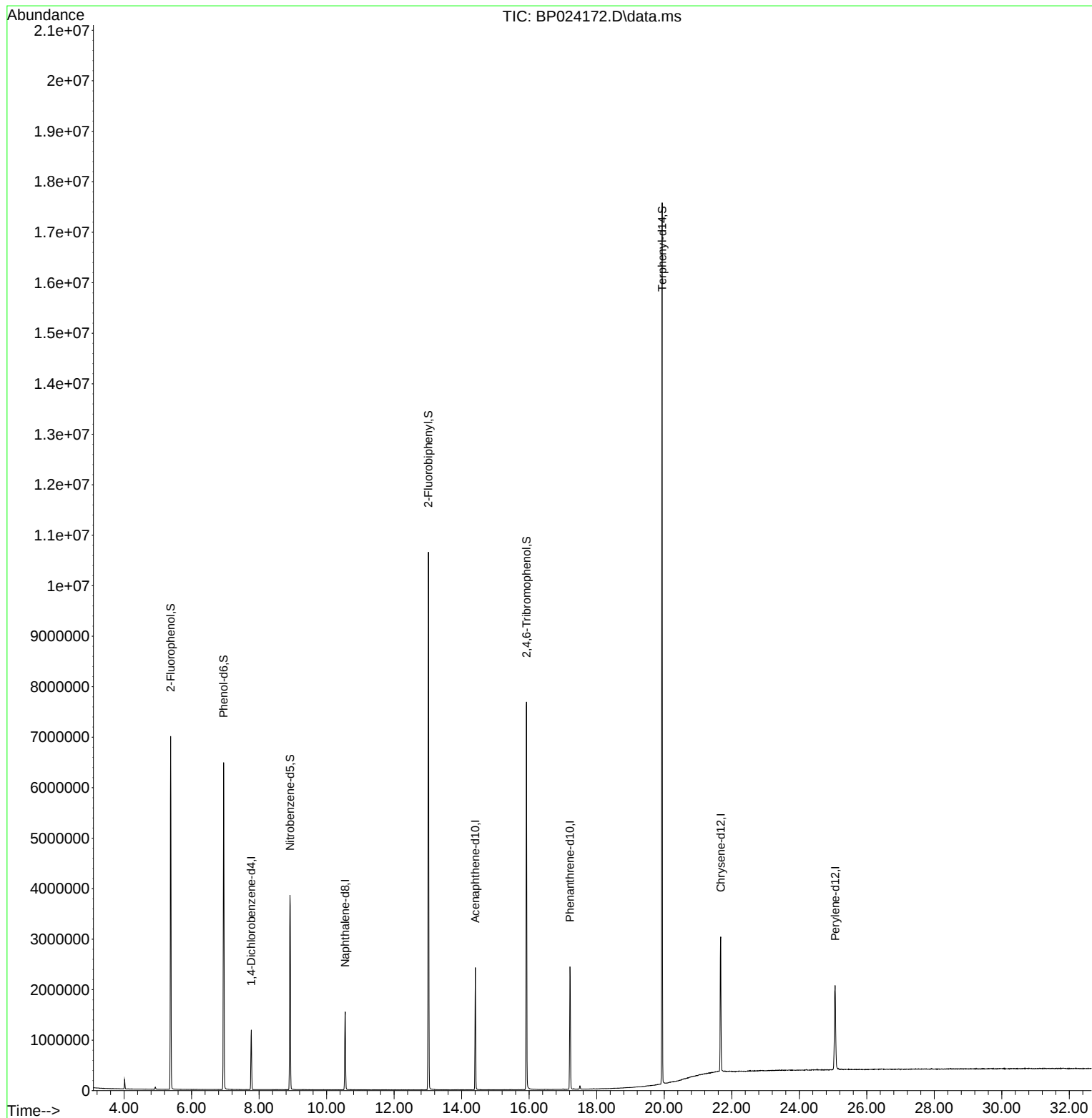
Target Compounds	Qvalue

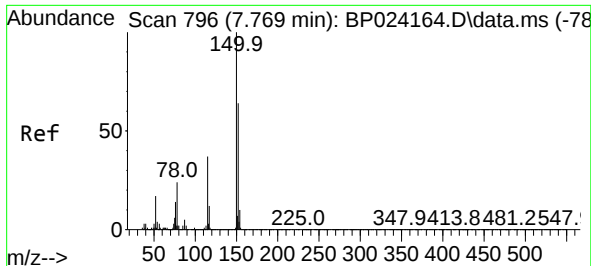
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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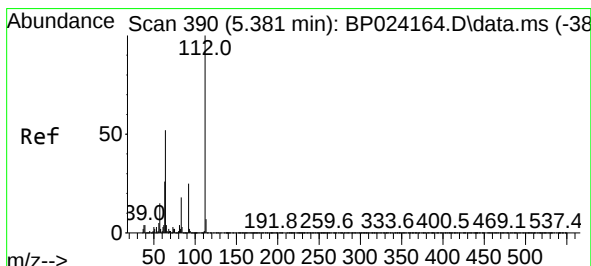
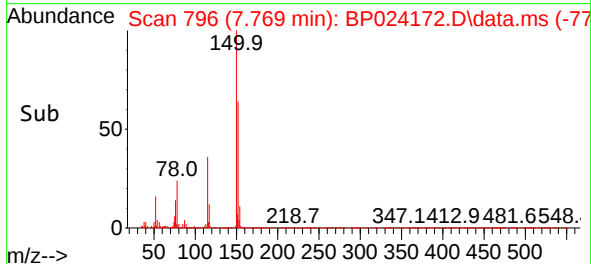
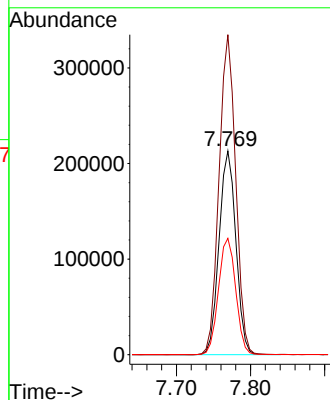
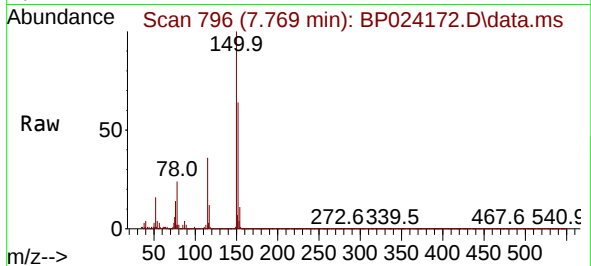




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024172.D
Acq: 13 Mar 2025 11:02

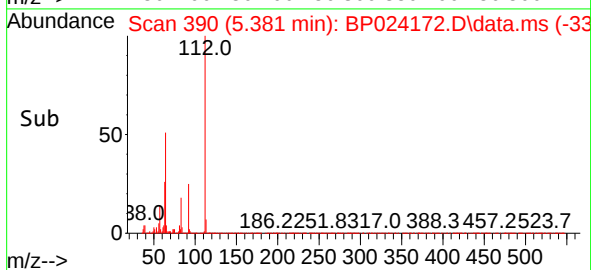
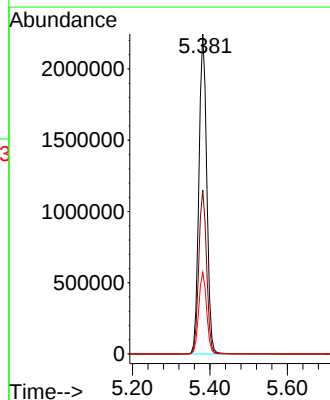
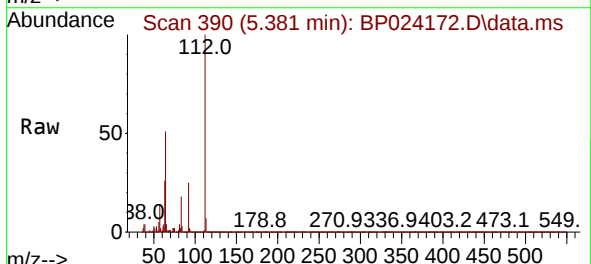
Instrument :
BNA_P
ClientSampleId :
PB167097BL

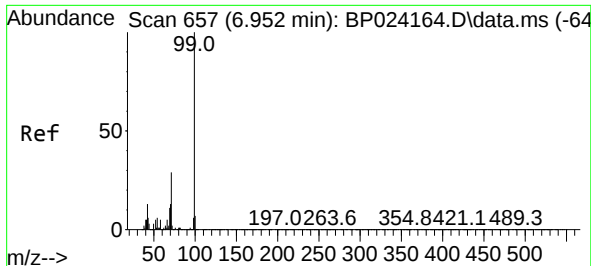
Tgt Ion:152 Resp: 336124
Ion Ratio Lower Upper
152 100
150 157.1 125.5 188.3
115 57.2 46.3 69.5



#5
2-Fluorophenol
Concen: 149.153 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP024172.D
Acq: 13 Mar 2025 11:02

Tgt Ion:112 Resp: 3140668
Ion Ratio Lower Upper
112 100
64 51.2 41.3 61.9
63 25.6 20.6 31.0



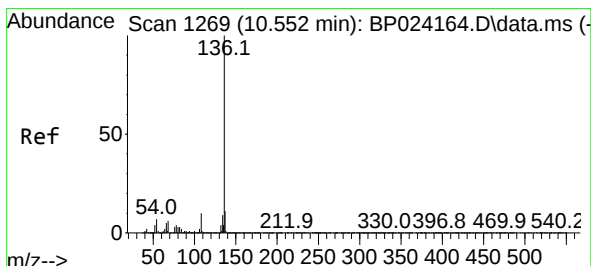
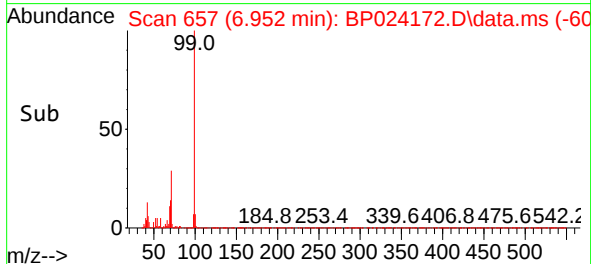
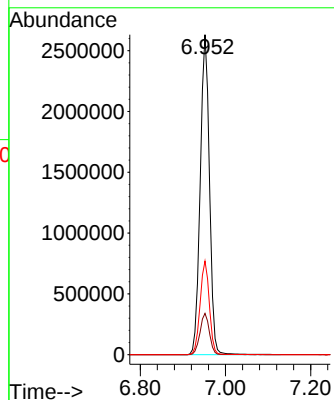
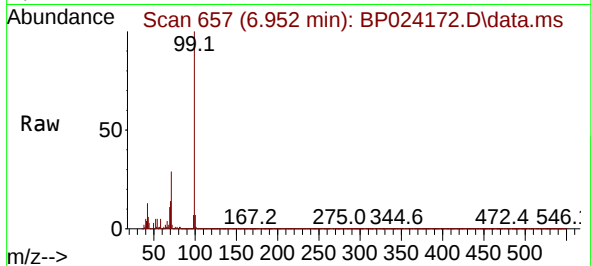


#7
Phenol-d6
Concen: 140.508 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024172.D
Acq: 13 Mar 2025 11:02

Instrument :
BNA_P
ClientSampleId :
PB167097BL

Tgt Ion: 99 Resp: 3956451

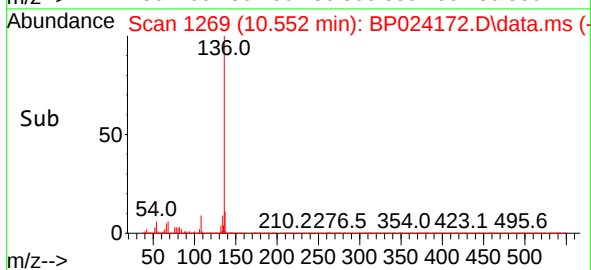
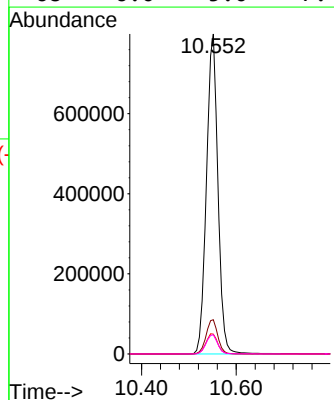
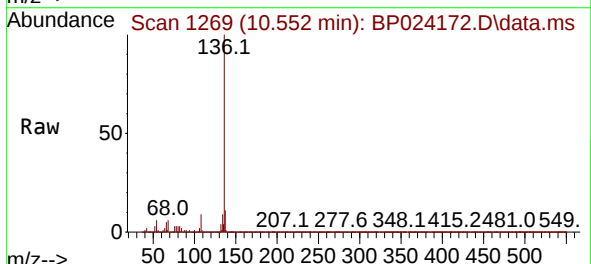
Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.6	16.0
71	29.3	23.3	34.9

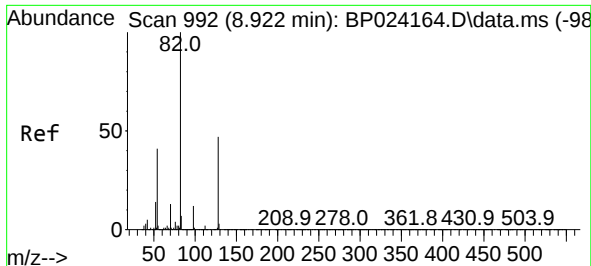


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BP024172.D
Acq: 13 Mar 2025 11:02

Tgt Ion:136 Resp: 1342417

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.2	5.3	7.9
68	6.0	5.0	7.4

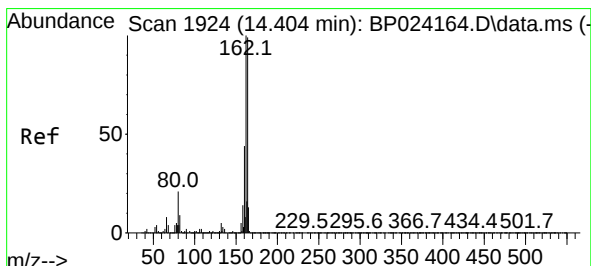
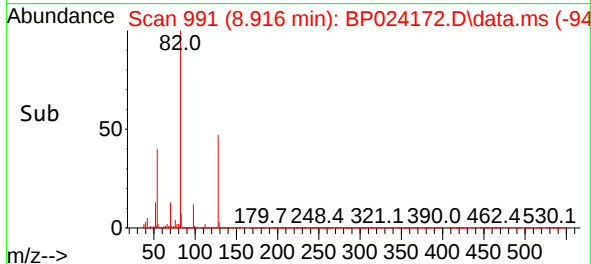
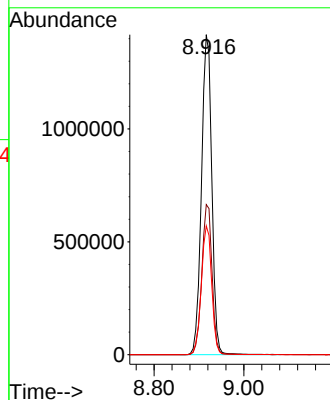
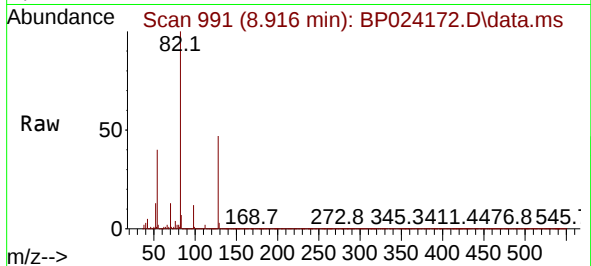




#23
 Nitrobenzene-d5
 Concen: 95.128 ng
 RT: 8.916 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: BP024172.D
 Acq: 13 Mar 2025 11:02

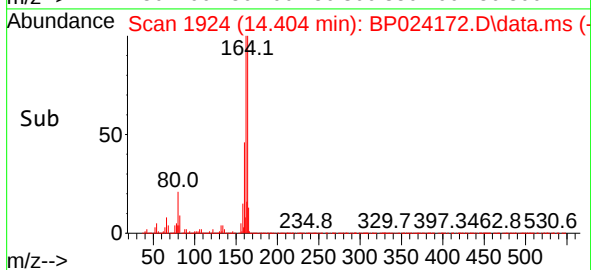
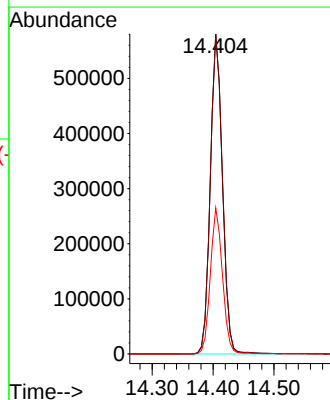
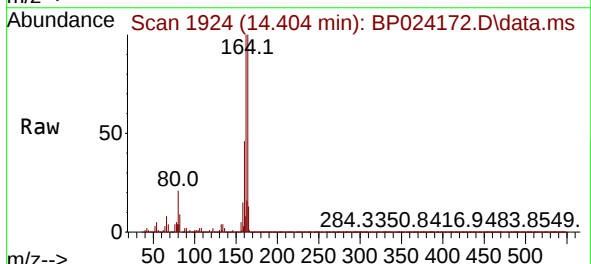
Instrument :
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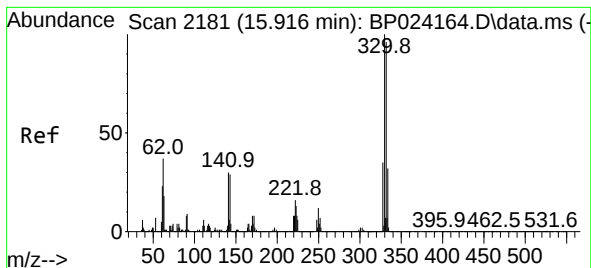
Tgt Ion: 82 Resp: 2263364
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.4 56.0
 54 40.2 32.5 48.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BP024172.D
 Acq: 13 Mar 2025 11:02

Tgt Ion: 164 Resp: 804453
 Ion Ratio Lower Upper
 164 100
 162 99.9 80.6 121.0
 160 45.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 150.816 ng

RT: 15.922 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BP024172.D

Acq: 13 Mar 2025 11:02

Instrument :

BNA_P

ClientSampleId :

PB167097BL

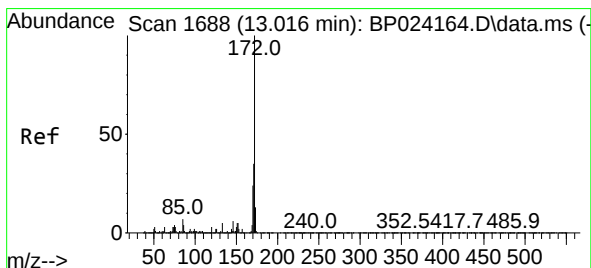
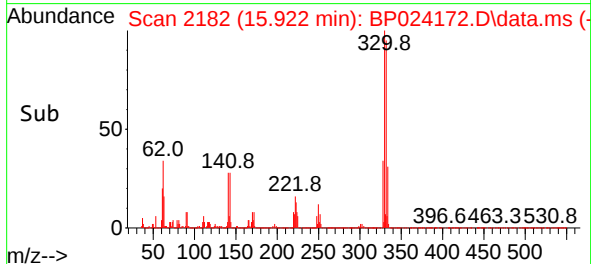
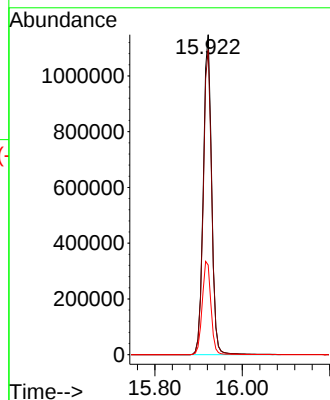
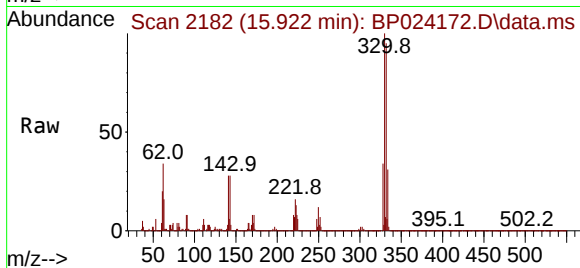
Tgt Ion:330 Resp: 1528233

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

141 30.5 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 97.125 ng

RT: 13.016 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BP024172.D

Acq: 13 Mar 2025 11:02

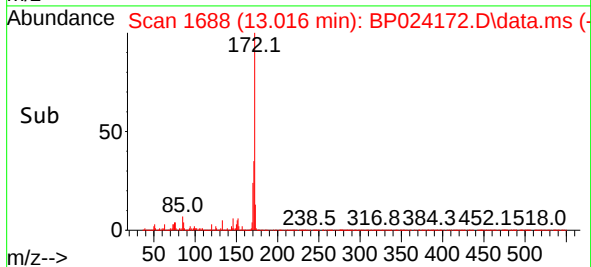
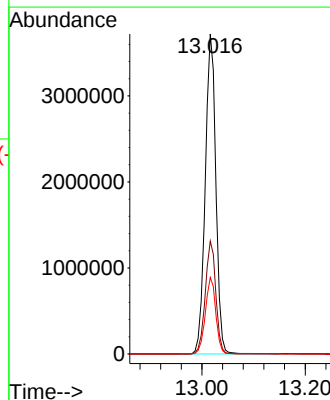
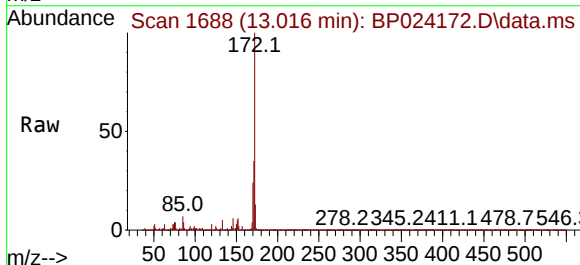
Tgt Ion:172 Resp: 5298833

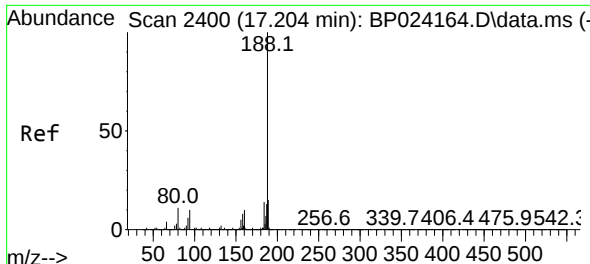
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.9 19.0 28.4

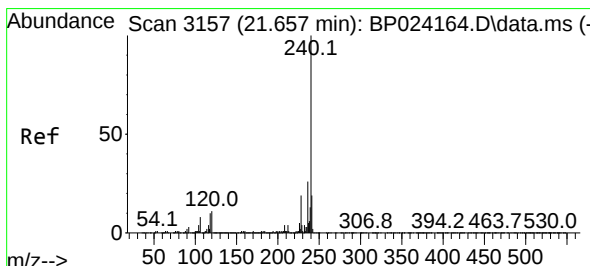
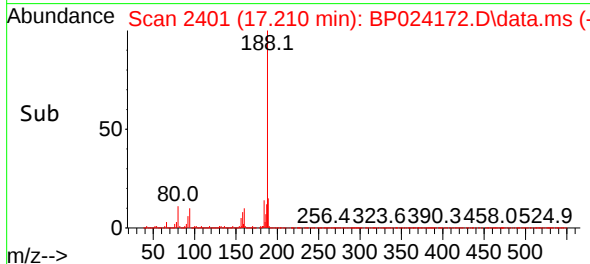
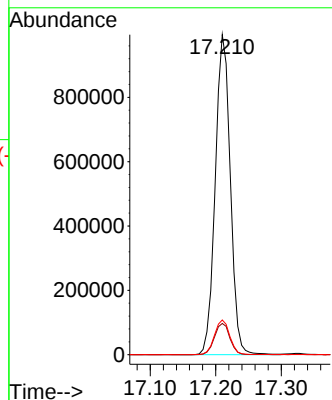
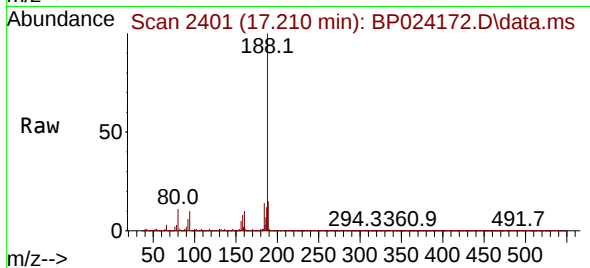




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP024172.D
Acq: 13 Mar 2025 11:02

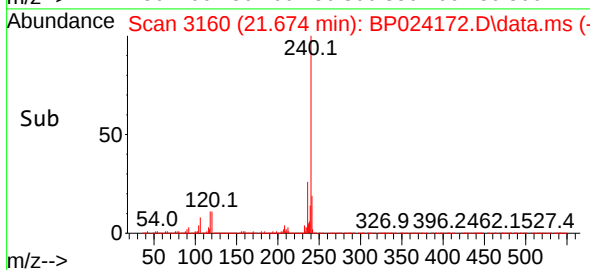
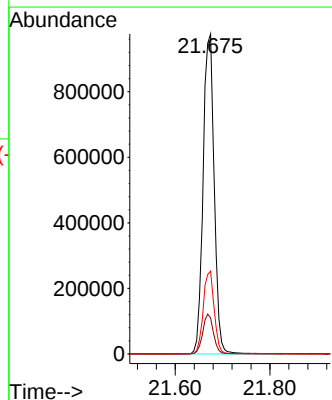
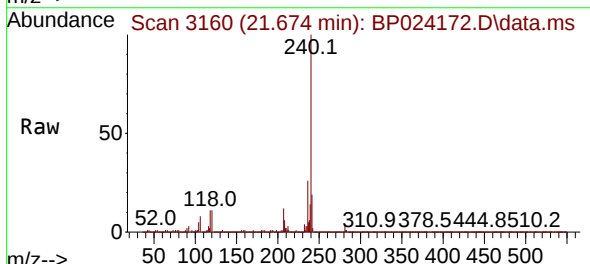
Instrument :
BNA_P
ClientSampleId :
PB167097BL

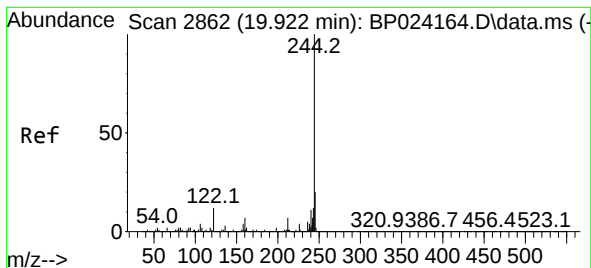
Tgt Ion:188 Resp: 1582232
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.674 min Scan# 3160
Delta R.T. 0.018 min
Lab File: BP024172.D
Acq: 13 Mar 2025 11:02

Tgt Ion:240 Resp: 1588054
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 108.857 ng

RT: 19.939 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024172.D

Acq: 13 Mar 2025 11:02

Instrument :

BNA_P

ClientSampleId :

PB167097BL

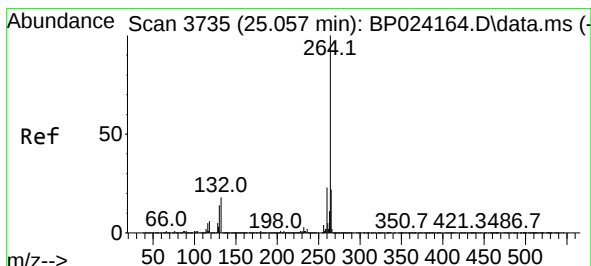
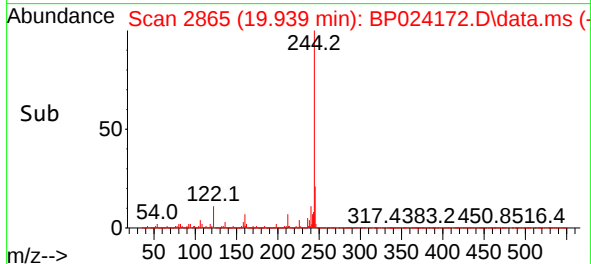
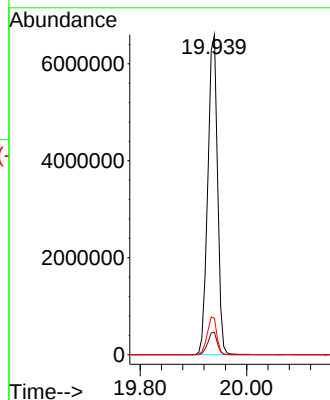
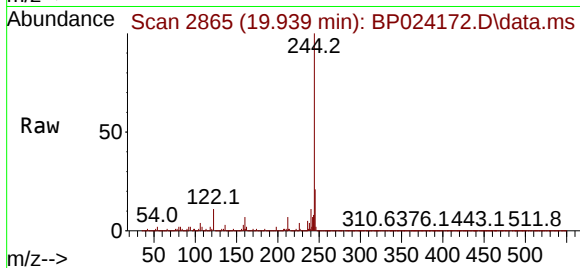
Tgt Ion:244 Resp: 8374623

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.063 min Scan# 3736

Delta R.T. 0.006 min

Lab File: BP024172.D

Acq: 13 Mar 2025 11:02

Tgt Ion:264 Resp: 1702117

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.7 17.7 26.5

