

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024212.D
 Acq On : 08 Apr 2025 14:24
 Operator : RC/JU
 Sample : PB167474BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167474BL

Quant Time: Apr 08 18:30:54 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	7.740	152	275560	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1172454	20.000	ng	-0.04
39) Acenaphthene-d10	14.381	164	810069	20.000	ng	-0.02
64) Phenanthrene-d10	17.198	188	1923056	20.000	ng	0.00
76) Chrysene-d12	21.645	240	2416144	20.000	ng	-0.01
86) Perylene-d12	25.045	264	2577914	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2429146	140.717	ng	-0.02
7) Phenol-d6	6.922	99	3197693	138.521	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1837224	88.411	ng	-0.04
42) 2,4,6-Tribromophenol	15.910	330	1576615	154.512	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	4430911	80.654	ng	-0.02
79) Terphenyl-d14	19.933	244	10335388	88.300	ng	0.01

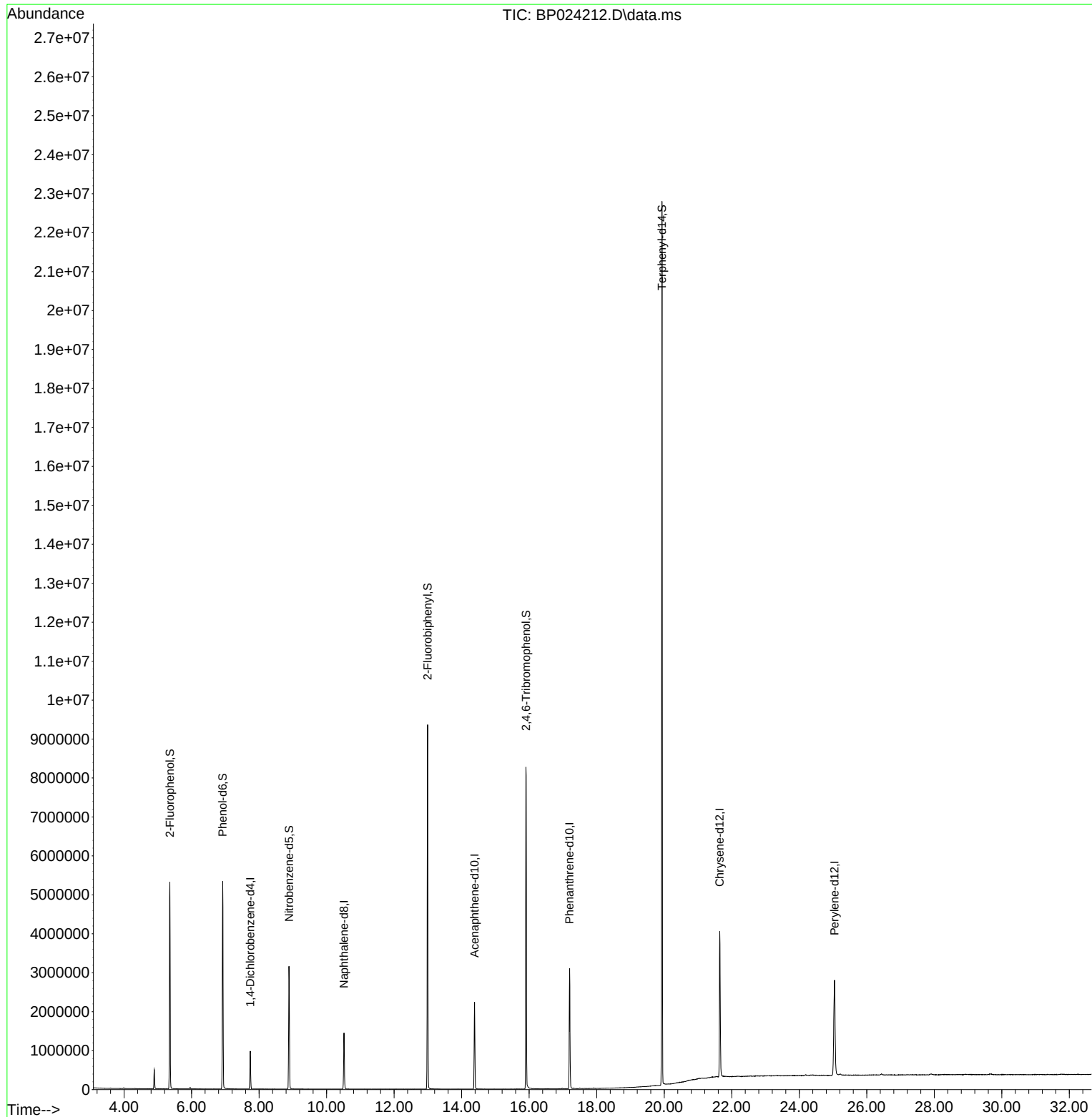
Target Compounds	Qvalue

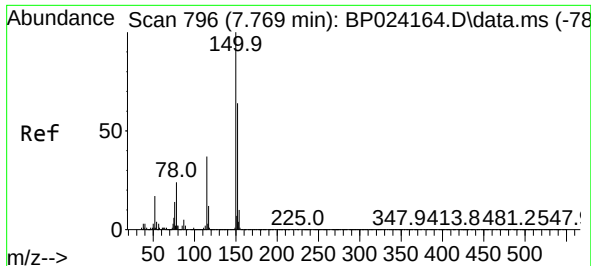
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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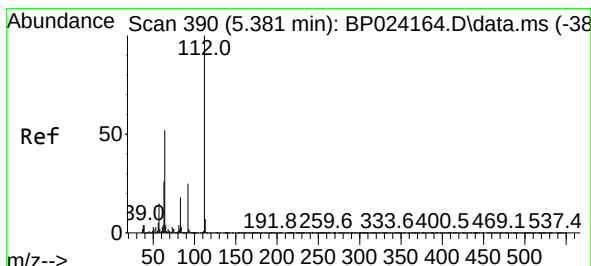
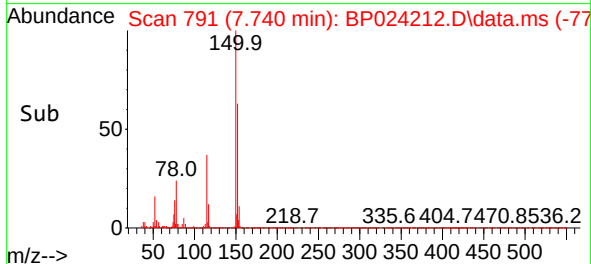
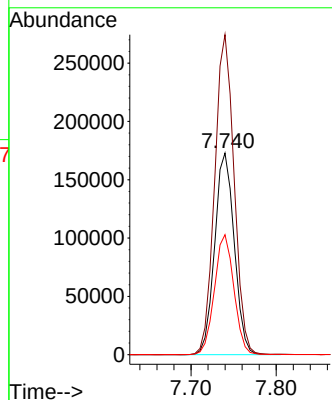
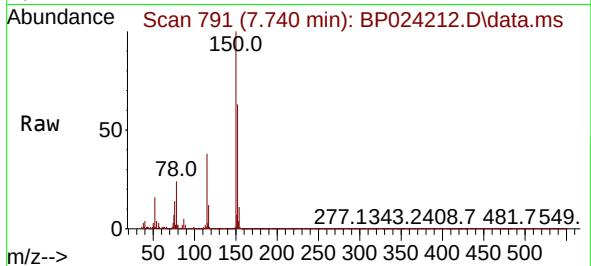




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

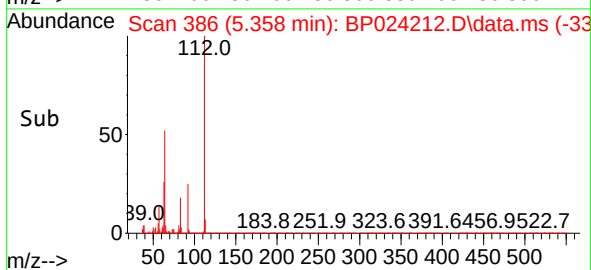
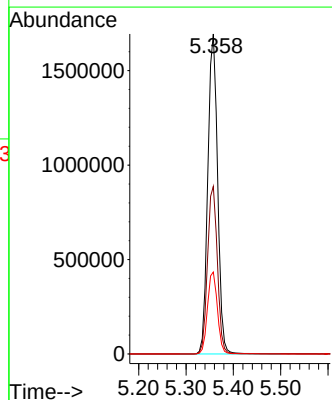
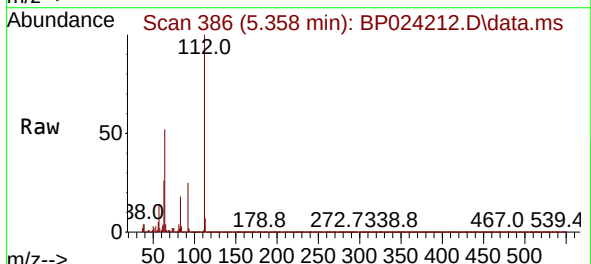
Instrument :
BNA_P
ClientSampleId :
PB167474BL

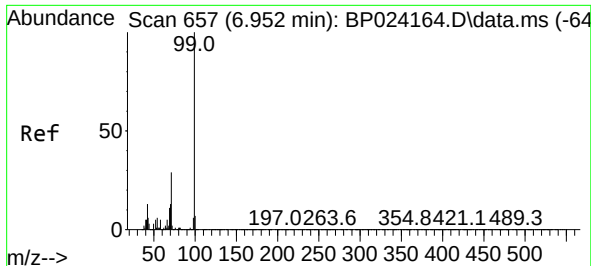
Tgt Ion:152 Resp: 275560
Ion Ratio Lower Upper
152 100
150 158.8 125.5 188.3
115 59.5 46.3 69.5



#5
2-Fluorophenol
Concen: 140.717 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:112 Resp: 2429146
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 25.6 20.6 31.0



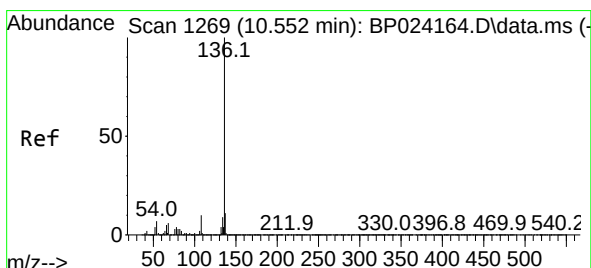
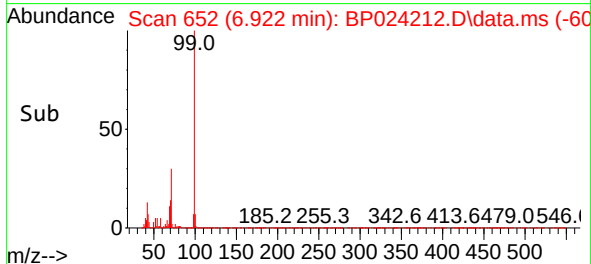
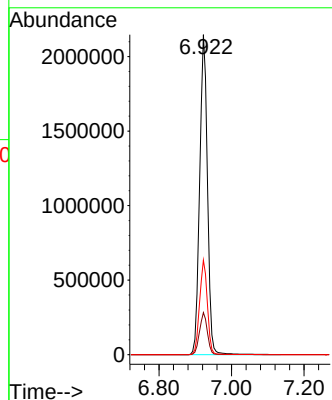
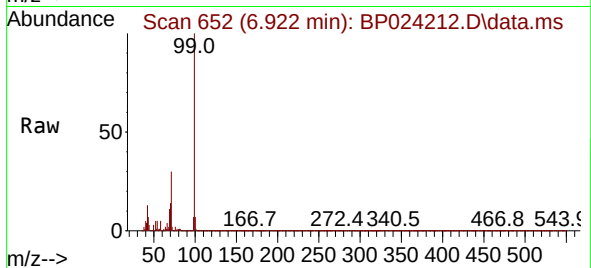


#7
Phenol-d6
Concen: 138.521 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Tgt Ion: 99 Resp: 3197693

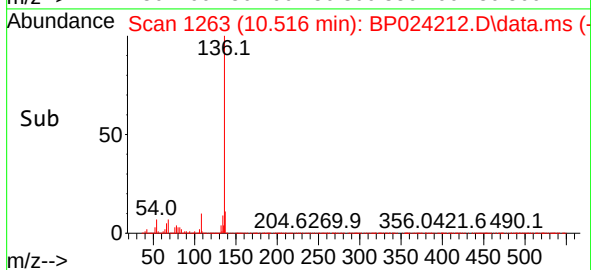
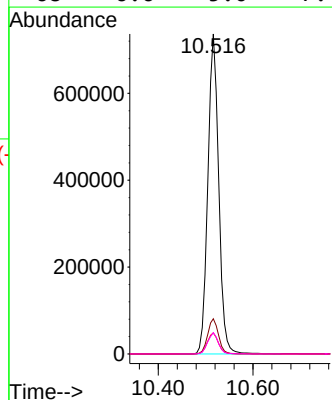
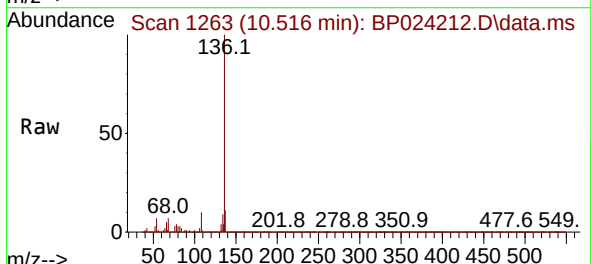
Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.5	23.3	34.9

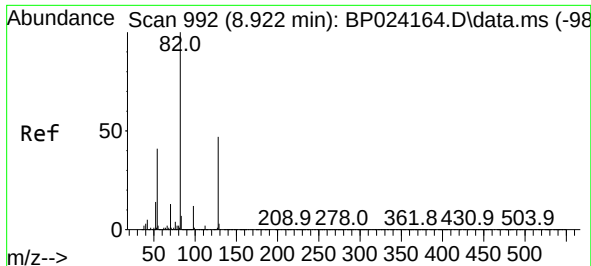


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion: 136 Resp: 1172454

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	5.3	7.9
68	6.6	5.0	7.4

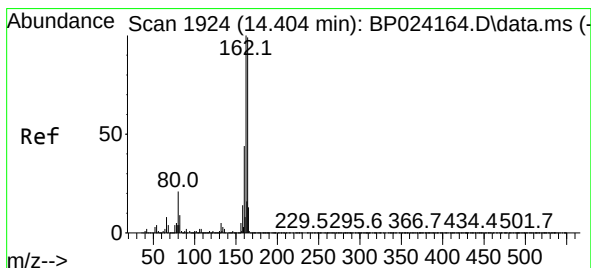
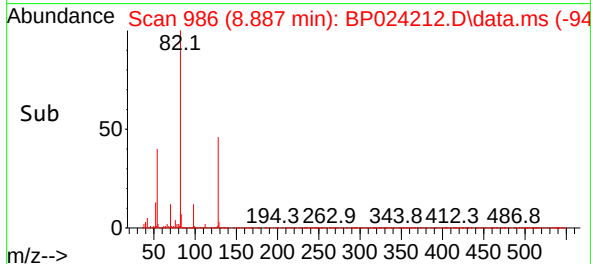
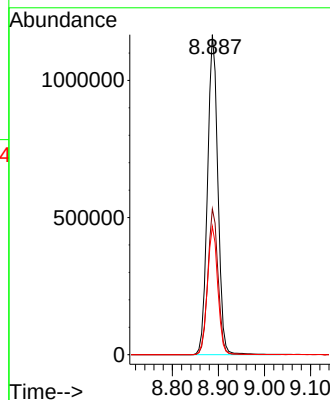
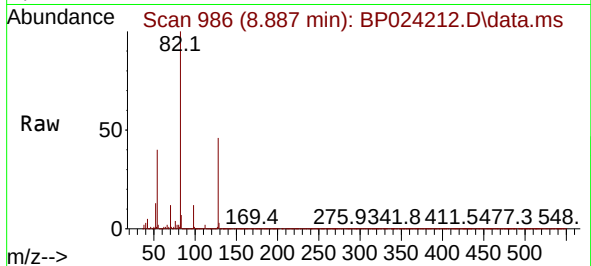




#23
Nitrobenzene-d5
Concen: 88.411 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

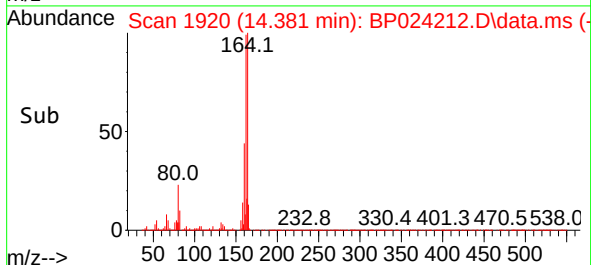
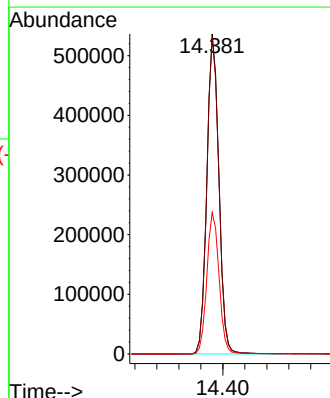
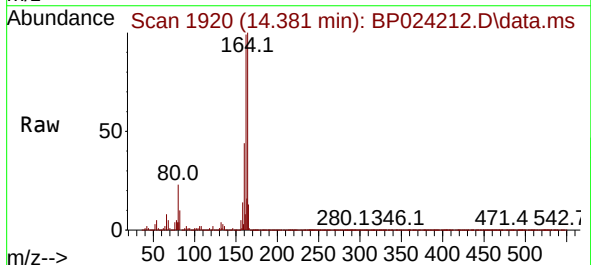
Instrument :
BNA_P
ClientSampleId :
PB167474BL

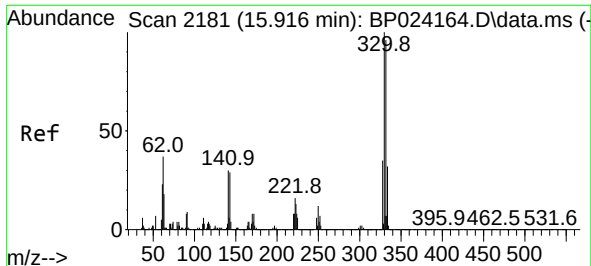
Tgt Ion: 82 Resp: 1837224
Ion Ratio Lower Upper
82 100
128 45.6 37.4 56.0
54 40.1 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:164 Resp: 810069
Ion Ratio Lower Upper
164 100
162 98.9 80.6 121.0
160 44.2 35.4 53.2

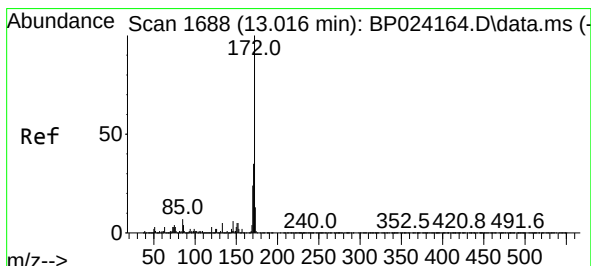
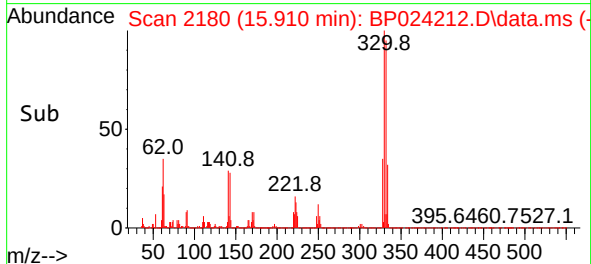
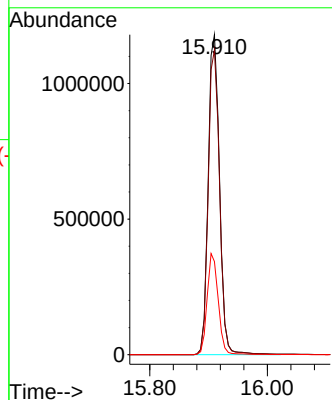
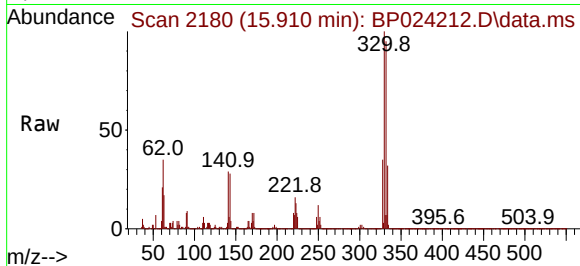




#42
2,4,6-Tribromophenol
Concen: 154.512 ng
RT: 15.910 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

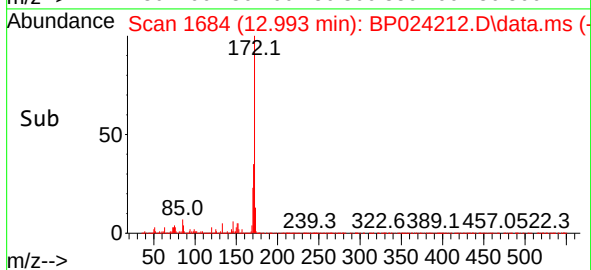
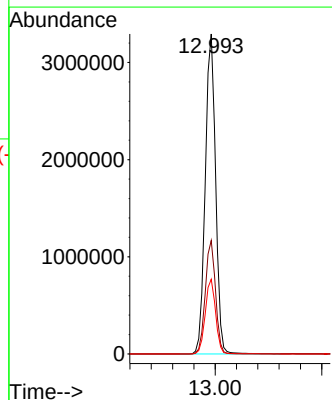
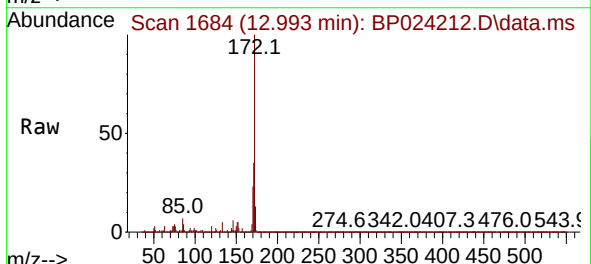
Instrument :
BNA_P
ClientSampleId :
PB167474BL

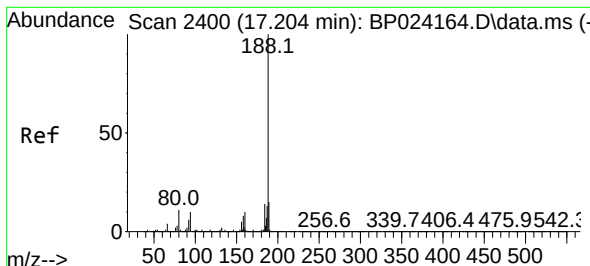
Tgt Ion:330 Resp: 1576615
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 31.1 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 80.654 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:172 Resp: 4430911
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024212.D

Acq: 08 Apr 2025 14:24

Instrument :

BNA_P

ClientSampleId :

PB167474BL

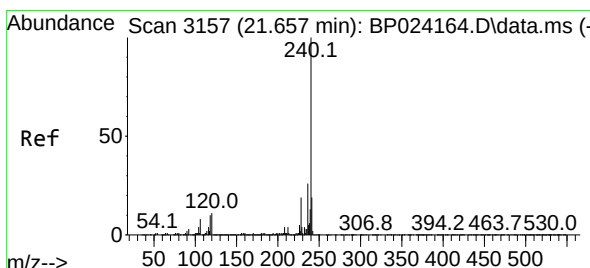
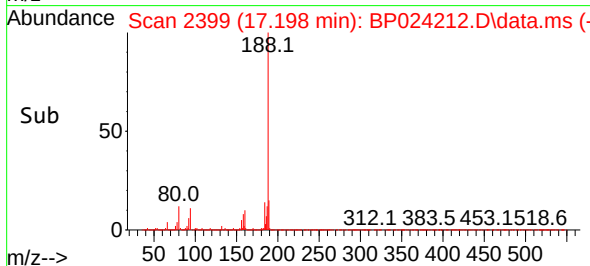
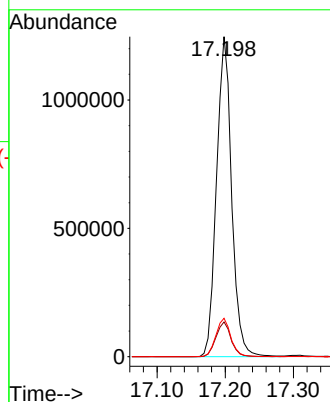
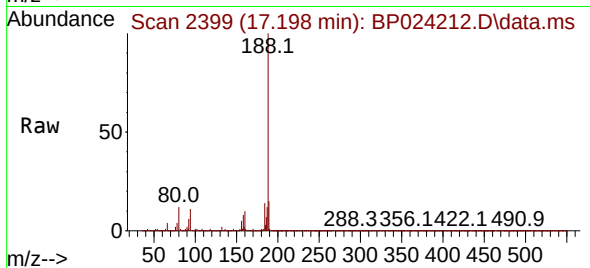
Tgt Ion:188 Resp: 1923056

Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

80 12.0 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3155

Delta R.T. -0.012 min

Lab File: BP024212.D

Acq: 08 Apr 2025 14:24

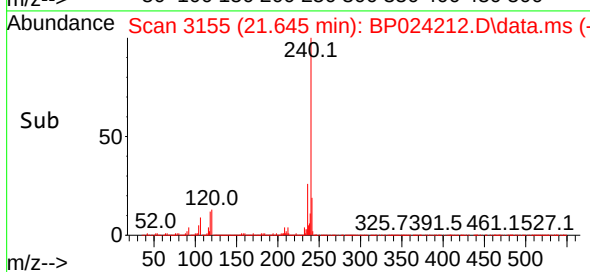
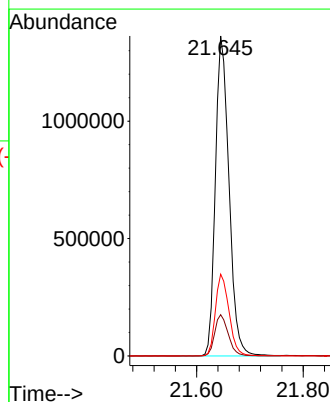
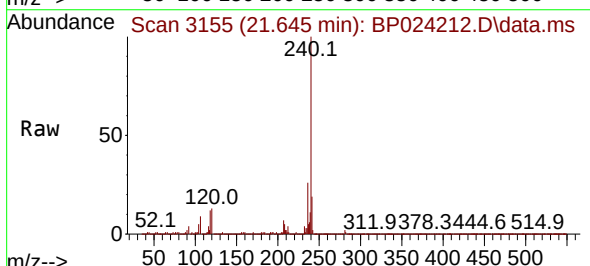
Tgt Ion:240 Resp: 2416144

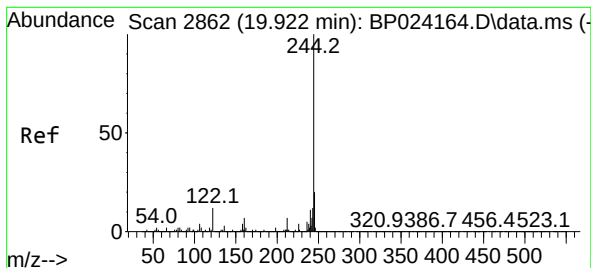
Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 88.300 ng

RT: 19.933 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024212.D

Acq: 08 Apr 2025 14:24

Instrument :

BNA_P

ClientSampleId :

PB167474BL

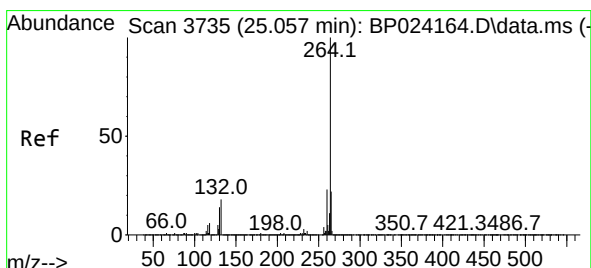
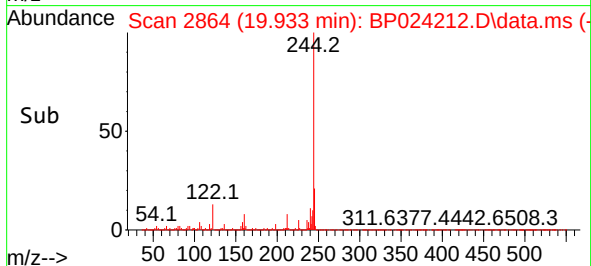
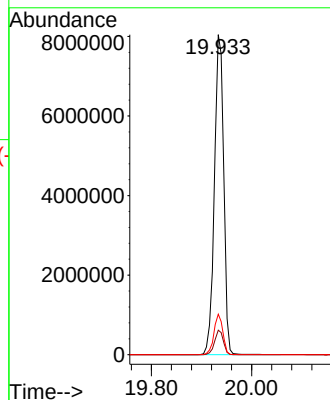
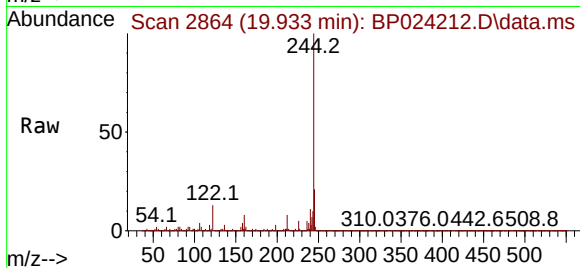
Tgt Ion:244 Resp:10335388

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 12.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.045 min Scan# 3733

Delta R.T. -0.012 min

Lab File: BP024212.D

Acq: 08 Apr 2025 14:24

Tgt Ion:264 Resp: 2577914

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.9 17.7 26.5

