

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024249.D
 Acq On : 10 Apr 2025 12:35
 Operator : RC/JU
 Sample : Q1745-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 IB-6.5-WC

Quant Time: Apr 10 13:02:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	285331	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1116410	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	652208	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1289734	20.000	ng	-0.01
76) Chrysene-d12	21.616	240	1454072	20.000	ng	-0.03
86) Perylene-d12	24.968	264	1698482	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2355292	131.767	ng	0.00
7) Phenol-d6	6.922	99	2717762	113.699	ng	0.00
23) Nitrobenzene-d5	8.887	82	1899504	95.997	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1366931	166.387	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	4046305	91.480	ng	-0.01
79) Terphenyl-d14	19.892	244	6875553	97.606	ng	-0.02

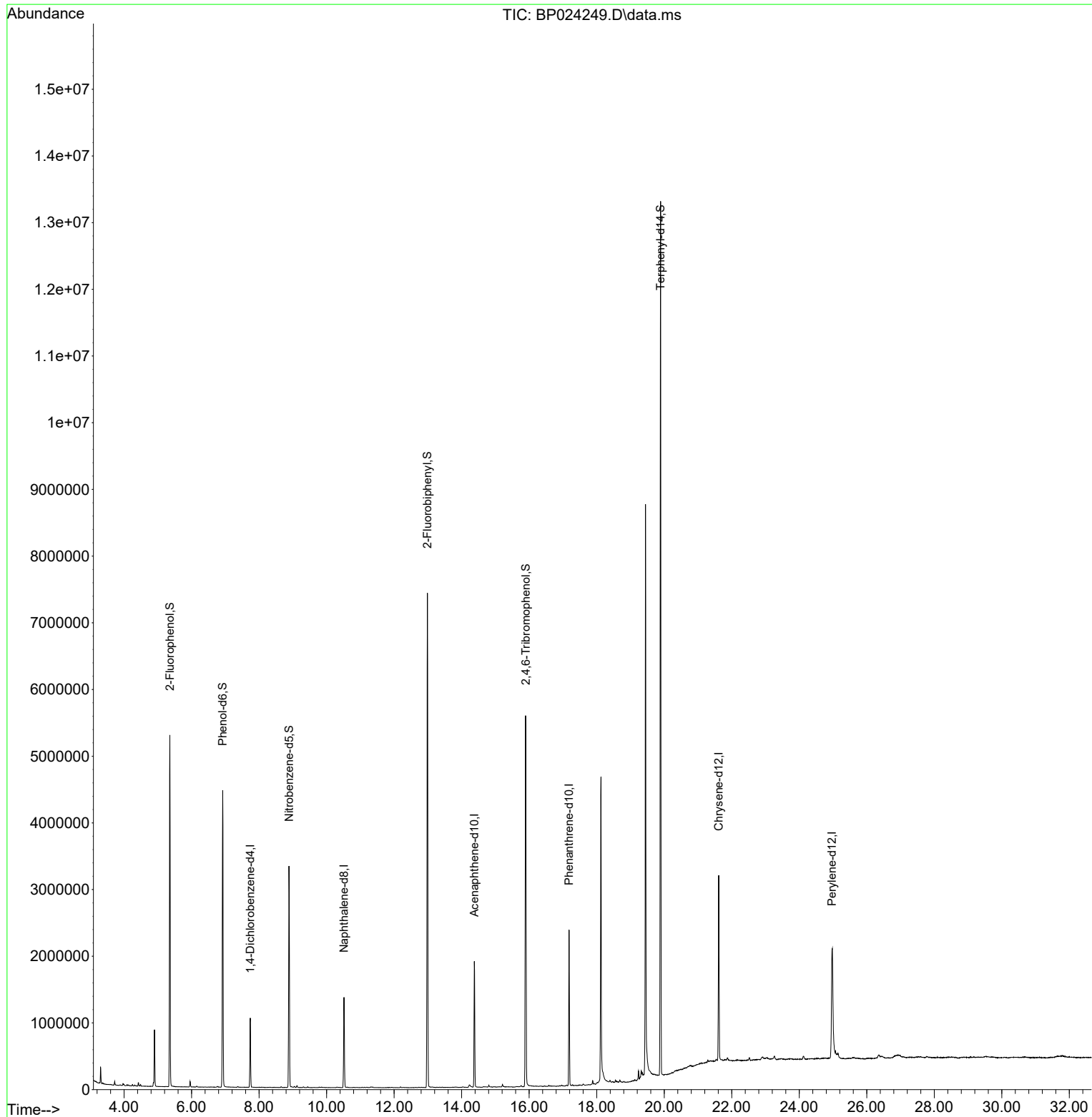
Target Compounds	Qvalue

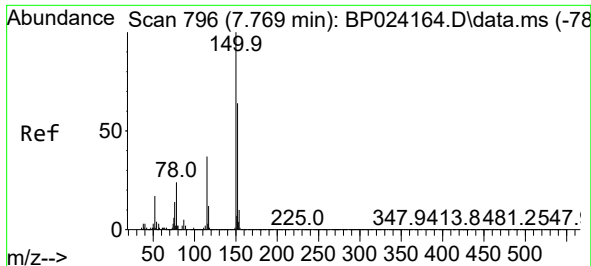
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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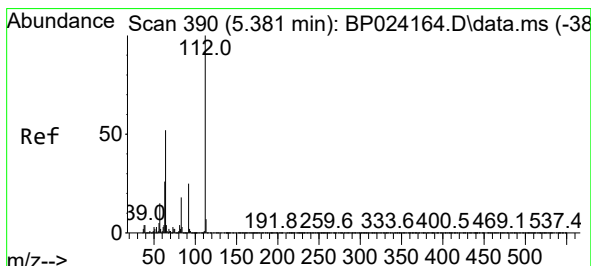
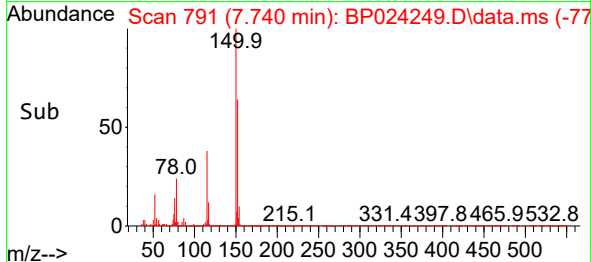
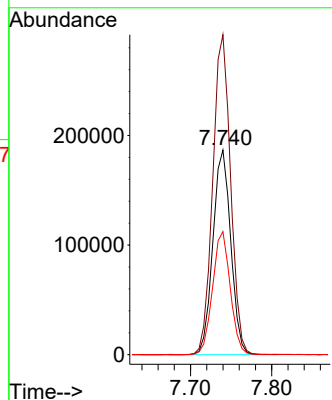
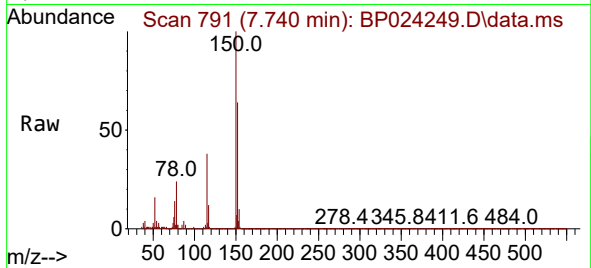




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024249.D
Acq: 10 Apr 2025 12:35

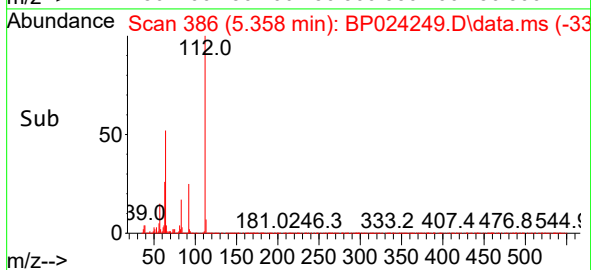
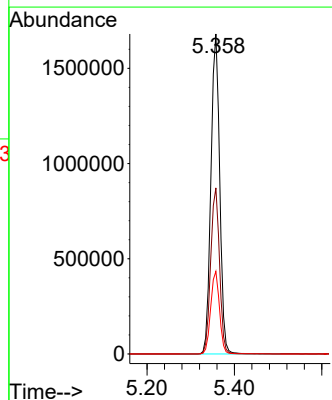
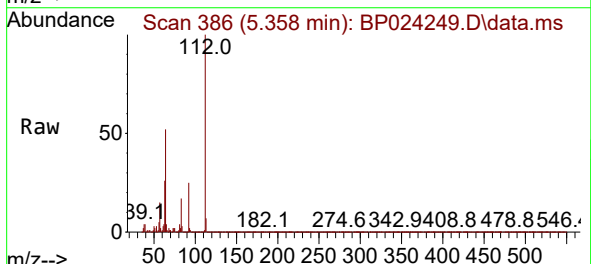
Instrument :
BNA_P
ClientSampleId :
IB-6.5-WC

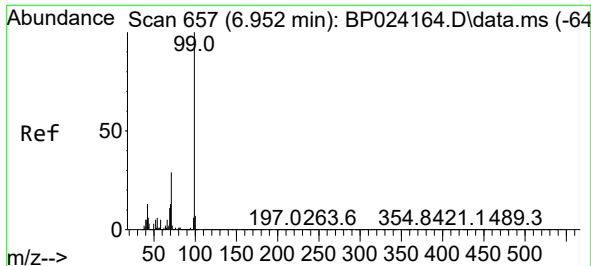
Tgt Ion:152 Resp: 285331
Ion Ratio Lower Upper
152 100
150 156.3 125.5 188.3
115 60.1 46.3 69.5



#5
2-Fluorophenol
Concen: 131.767 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024249.D
Acq: 10 Apr 2025 12:35

Tgt Ion:112 Resp: 2355292
Ion Ratio Lower Upper
112 100
64 51.9 41.3 61.9
63 25.8 20.6 31.0



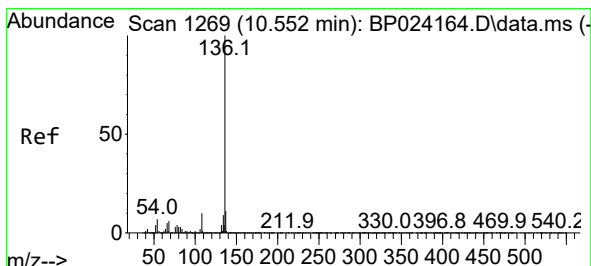
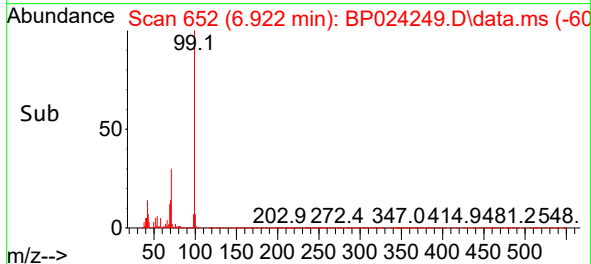
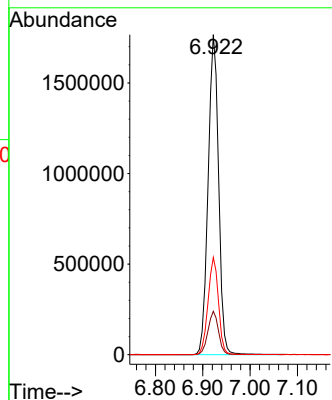
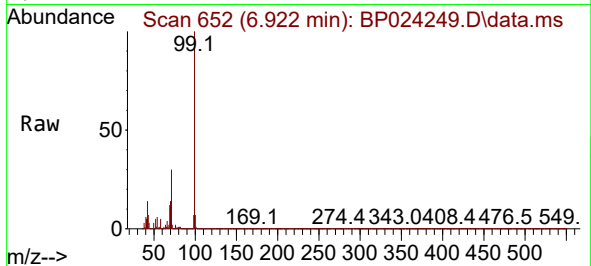


#7
Phenol-d6
Concen: 113.699 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024249.D
Acq: 10 Apr 2025 12:35

Instrument :
BNA_P
ClientSampleId :
IB-6.5-WC

Tgt Ion: 99 Resp: 2717762

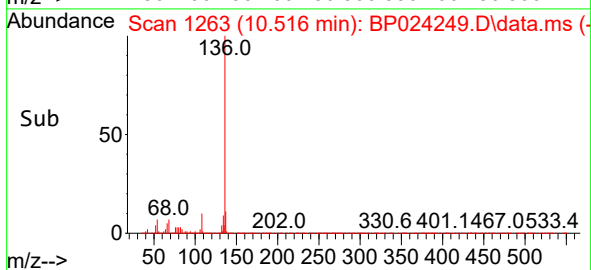
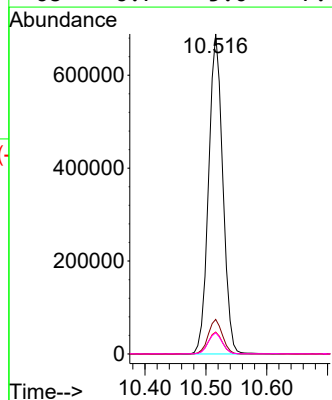
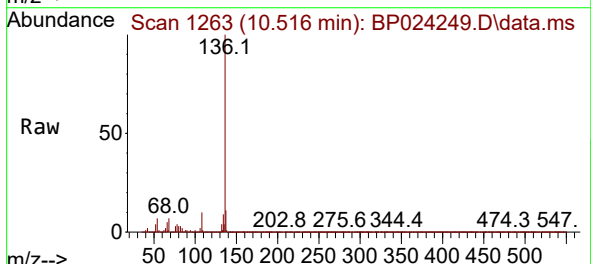
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	16.0
71	30.4	23.3	34.9

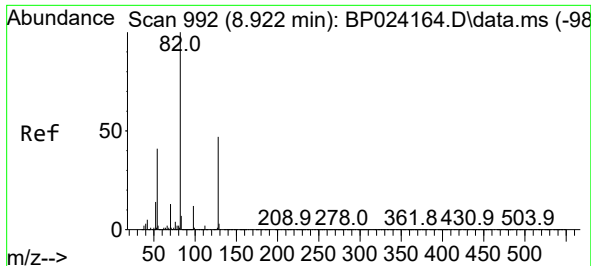


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024249.D
Acq: 10 Apr 2025 12:35

Tgt Ion: 136 Resp: 1116410

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.3	7.9
68	6.7	5.0	7.4

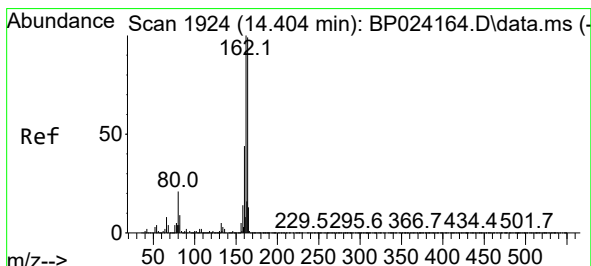
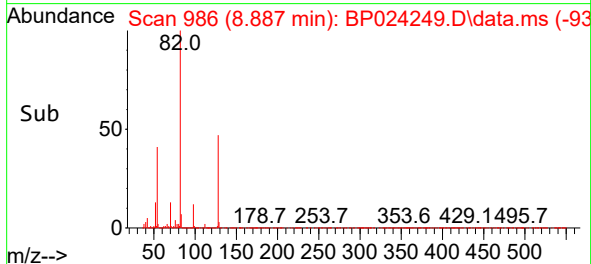
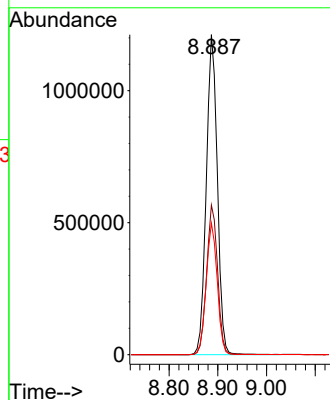
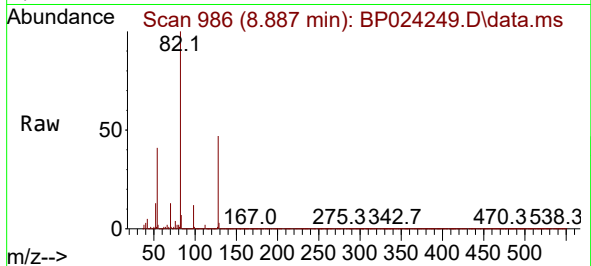




#23
Nitrobenzene-d5
Concen: 95.997 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024249.D
Acq: 10 Apr 2025 12:35

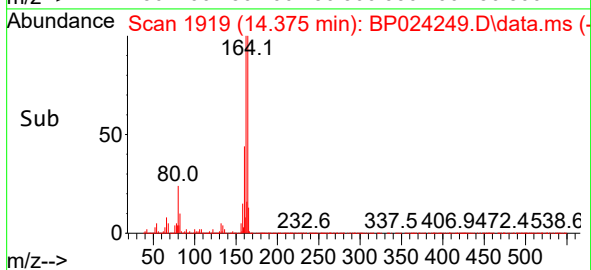
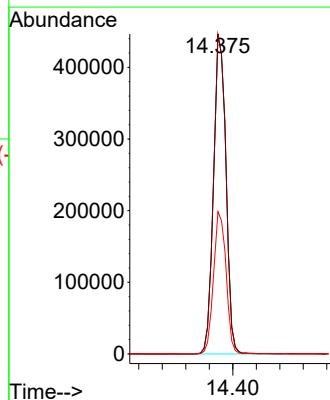
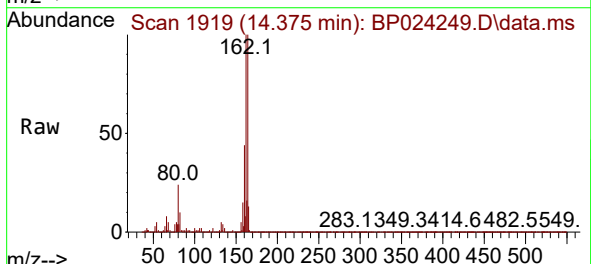
Instrument :
BNA_P
ClientSampleId :
IB-6.5-WC

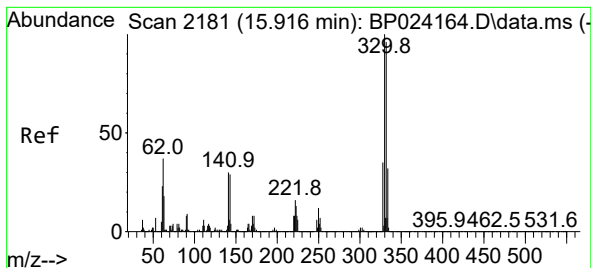
Tgt Ion: 82 Resp: 1899504
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 41.1 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.018 min
Lab File: BP024249.D
Acq: 10 Apr 2025 12:35

Tgt Ion: 164 Resp: 652208
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 166.387 ng

RT: 15.898 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BP024249.D

Acq: 10 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

IB-6.5-WC

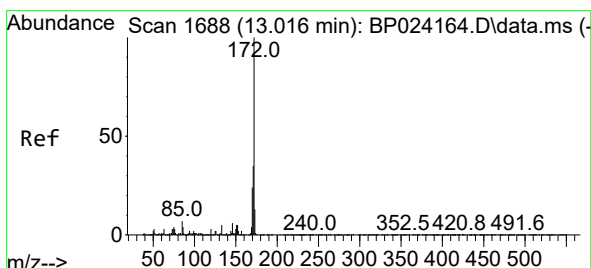
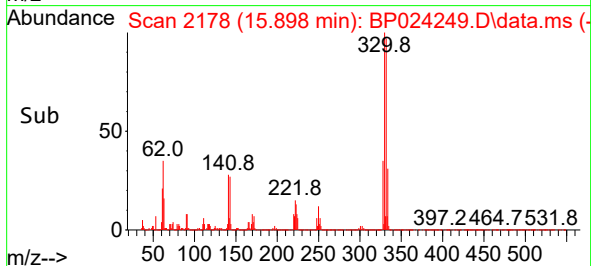
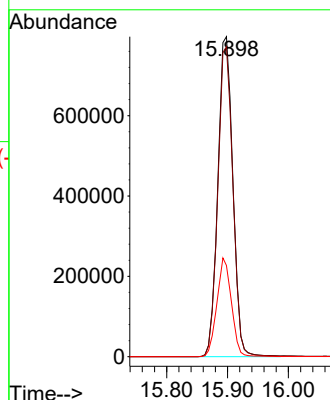
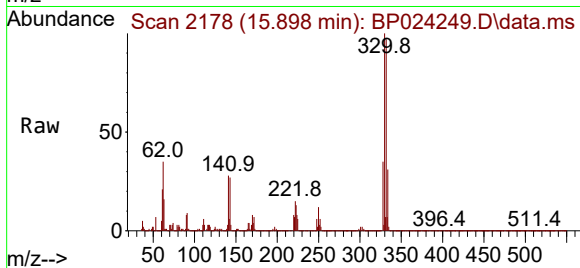
Tgt Ion:330 Resp: 1366931

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 29.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 91.480 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BP024249.D

Acq: 10 Apr 2025 12:35

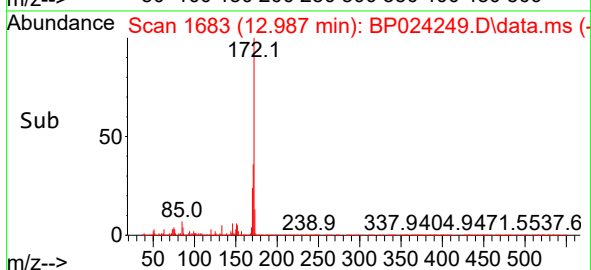
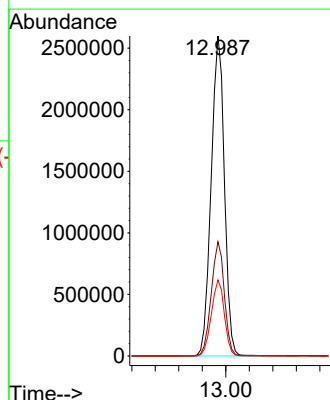
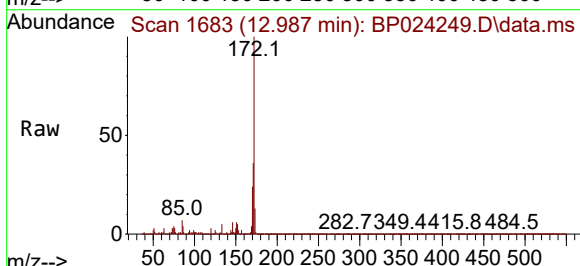
Tgt Ion:172 Resp: 4046305

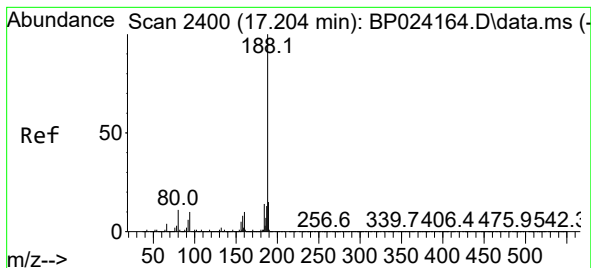
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024249.D

Acq: 10 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

IB-6.5-WC

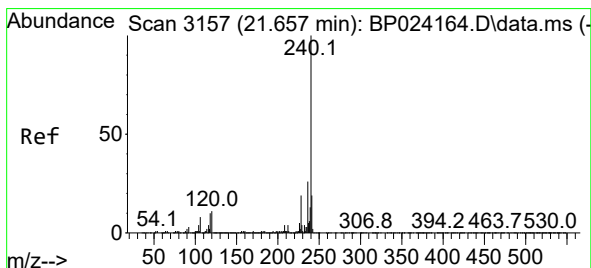
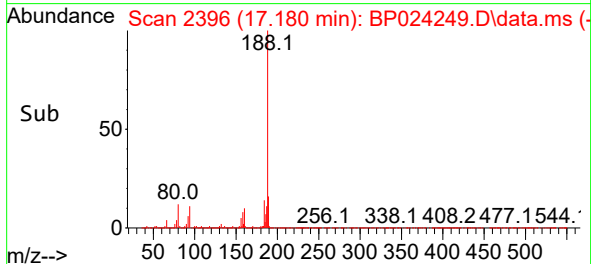
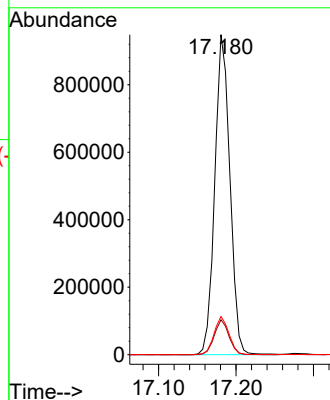
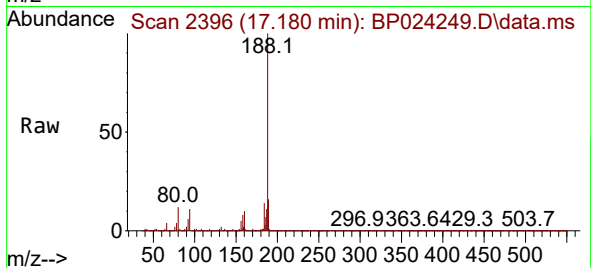
Tgt Ion:188 Resp: 1289734

Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

80 11.9 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.029 min

Lab File: BP024249.D

Acq: 10 Apr 2025 12:35

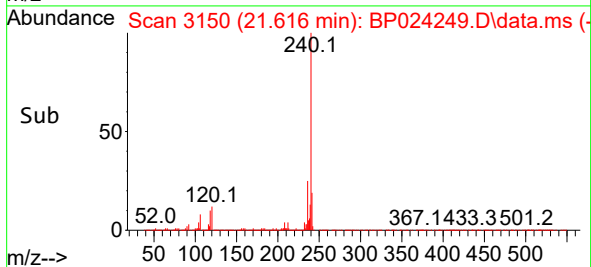
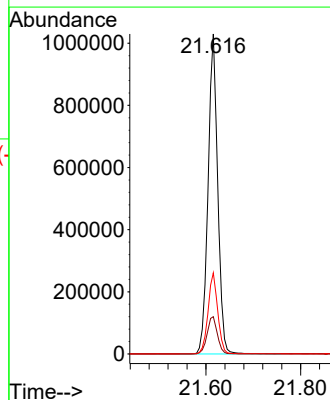
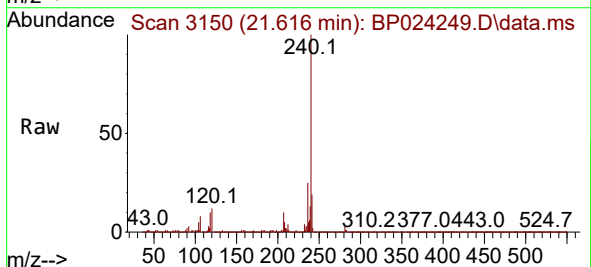
Tgt Ion:240 Resp: 1454072

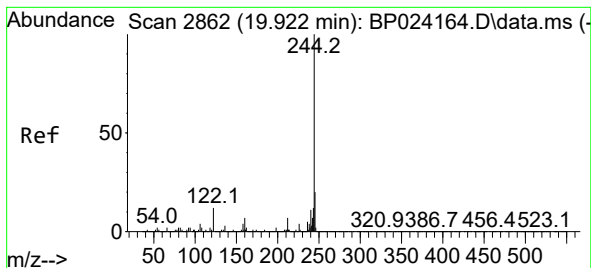
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 97.606 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024249.D

Acq: 10 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

IB-6.5-WC

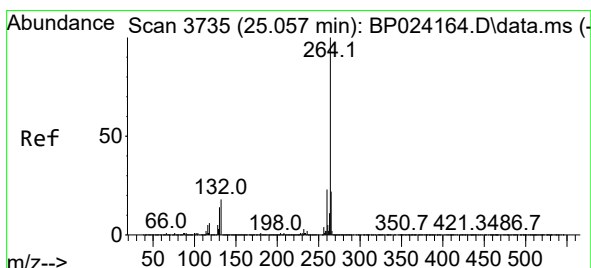
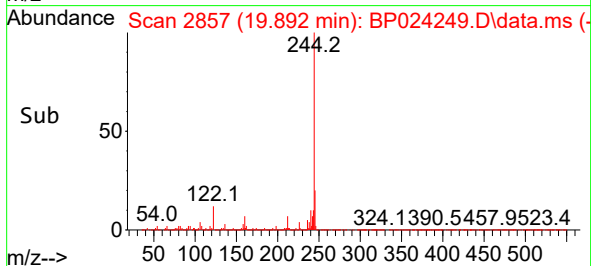
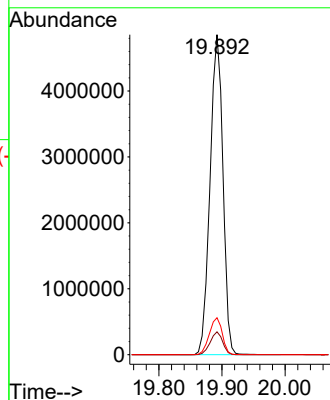
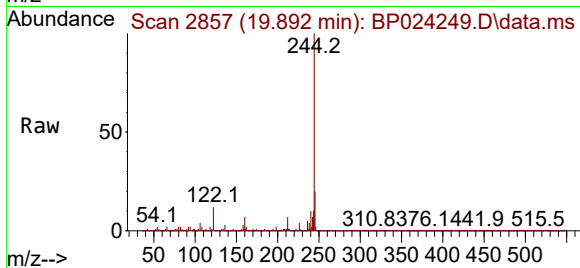
Tgt Ion:244 Resp: 6875553

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.6 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.968 min Scan# 3720

Delta R.T. -0.041 min

Lab File: BP024249.D

Acq: 10 Apr 2025 12:35

Tgt Ion:264 Resp: 1698482

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.5 17.7 26.5

