

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024255.D
 Acq On : 10 Apr 2025 17:49
 Operator : RC/JU
 Sample : Q1748-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 IB-2A-WC

Quant Time: Apr 10 18:14:25 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	289864	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1131144	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	542647	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1295492	20.000	ng	-0.01
76) Chrysene-d12	21.627	240	1183743	20.000	ng	-0.02
86) Perylene-d12	24.998	264	89546	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2616100	144.069	ng	0.00
7) Phenol-d6	6.922	99	2758106	113.582	ng	0.00
23) Nitrobenzene-d5	8.887	82	2162867	107.883	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1448212	211.872	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	4408773	119.799	ng	-0.01
79) Terphenyl-d14	19.916	244	7538567	131.458	ng	0.00

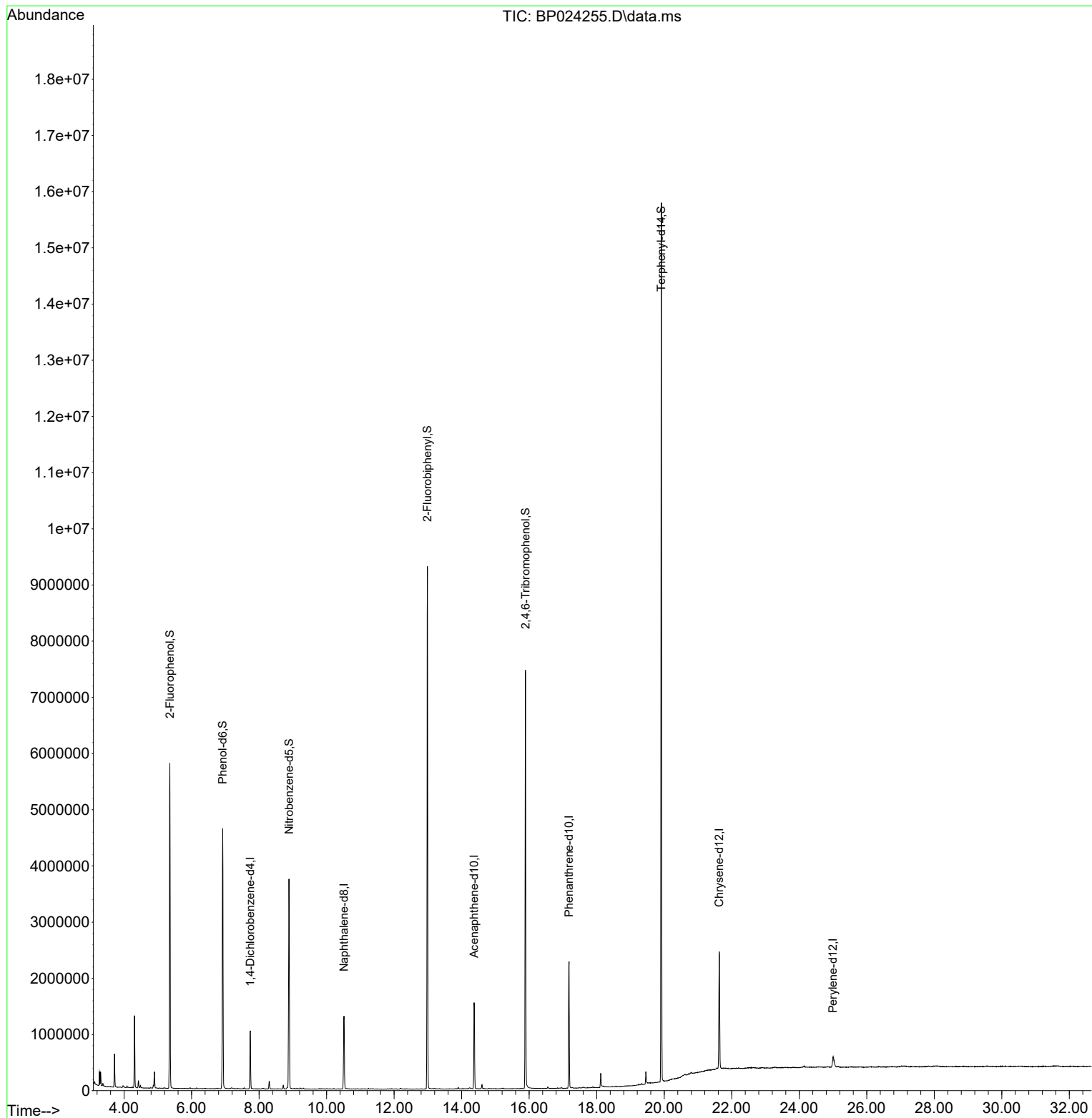
Target Compounds	Qvalue

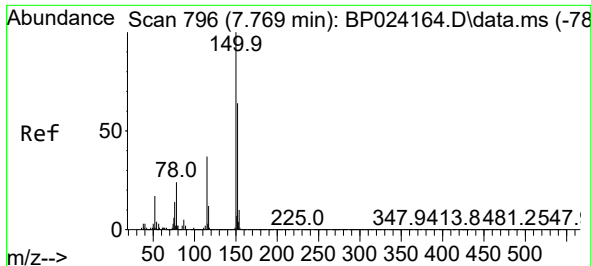
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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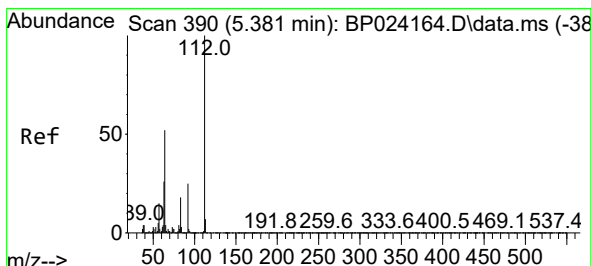
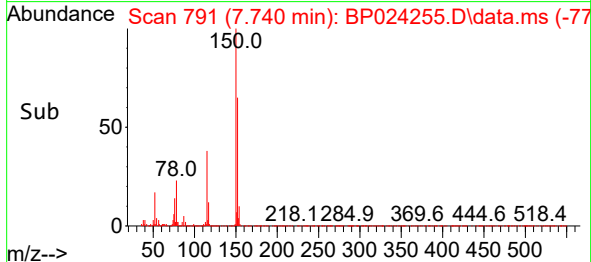
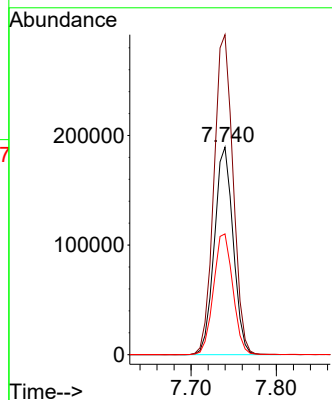
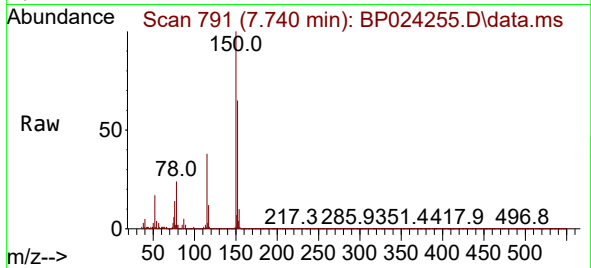




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

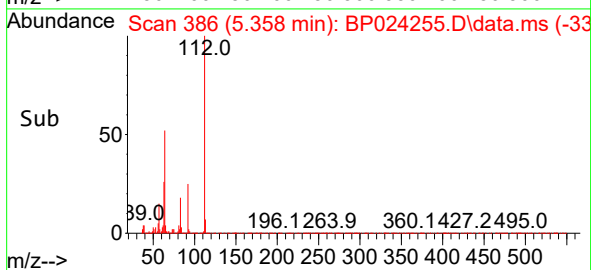
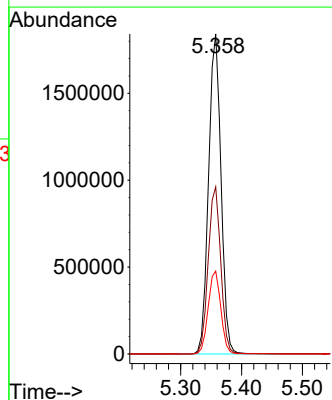
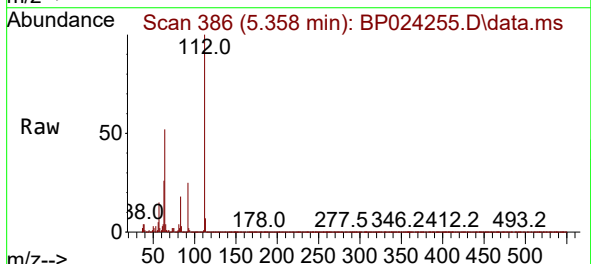
Instrument :
BNA_P
ClientSampleId :
IB-2A-WC

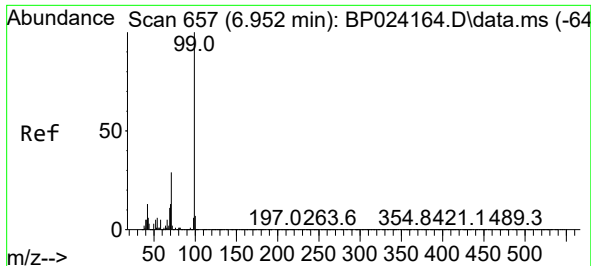
Tgt Ion:152 Resp: 289864
Ion Ratio Lower Upper
152 100
150 154.2 125.5 188.3
115 58.3 46.3 69.5



#5
2-Fluorophenol
Concen: 144.069 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

Tgt Ion:112 Resp: 2616100
Ion Ratio Lower Upper
112 100
64 52.2 41.3 61.9
63 25.9 20.6 31.0

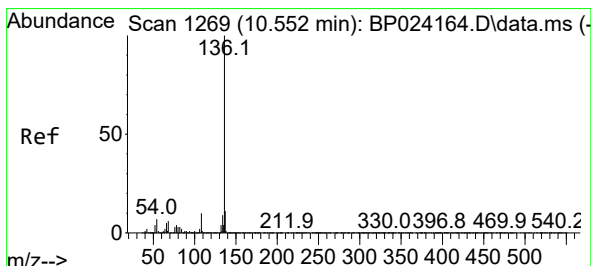
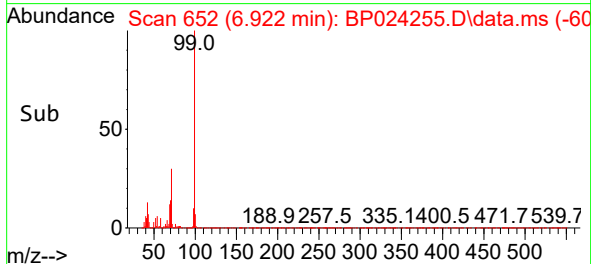
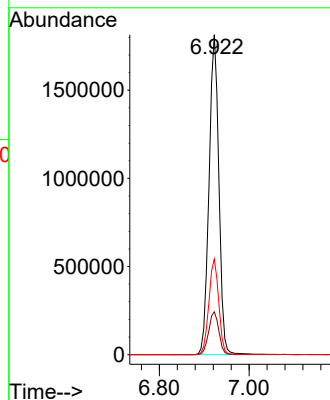
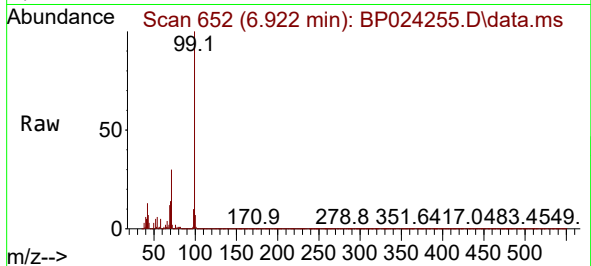




#7
Phenol-d6
Concen: 113.582 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

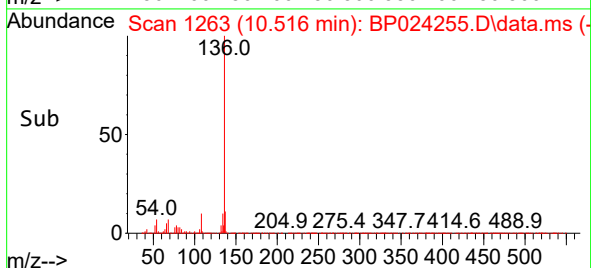
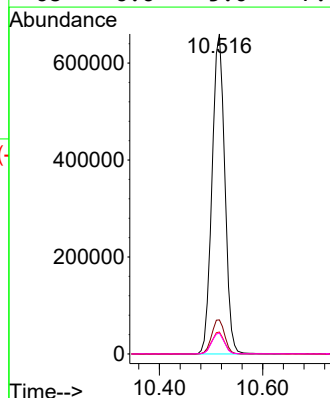
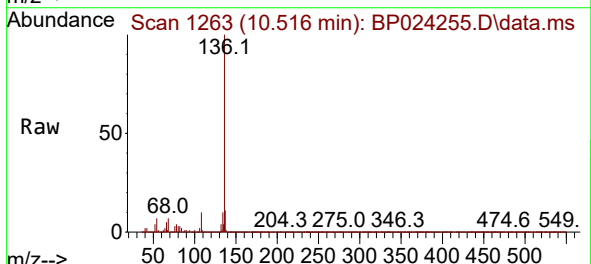
Instrument :
BNA_P
ClientSampleId :
IB-2A-WC

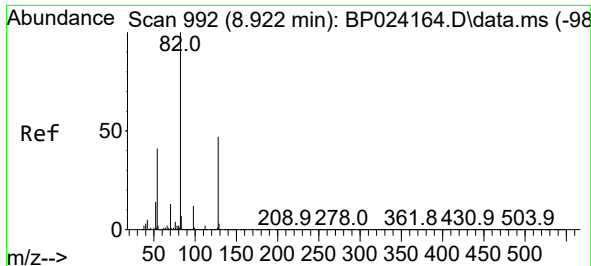
Tgt Ion: 99 Resp: 2758106
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.9 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

Tgt Ion:136 Resp: 1131144
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.9 5.3 7.9
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 107.883 ng

RT: 8.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024255.D

Acq: 10 Apr 2025 17:49

Instrument :

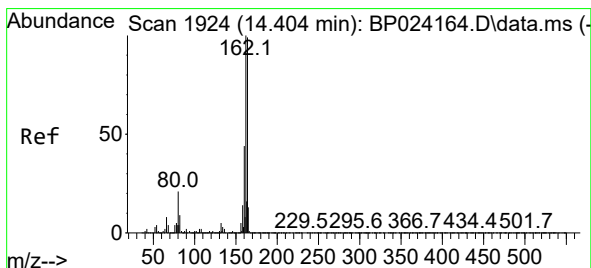
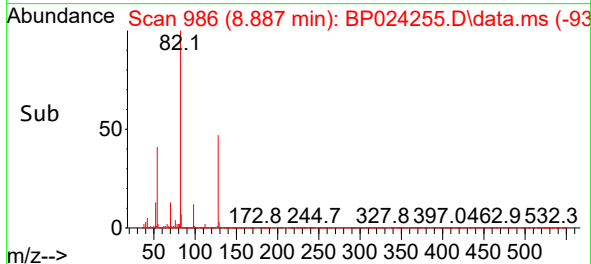
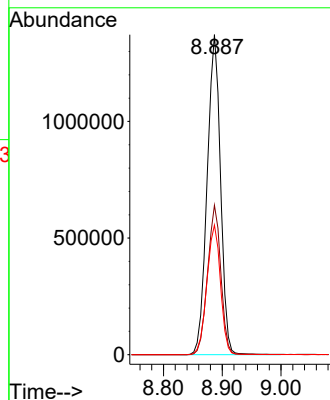
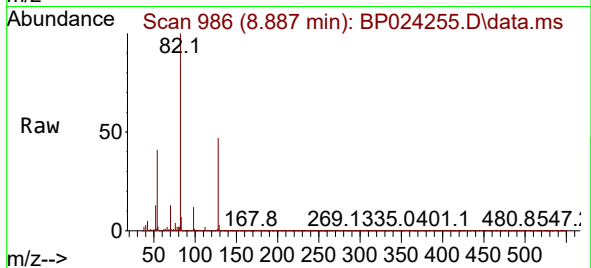
BNA_P

ClientSampleId :

IB-2A-WC

Tgt Ion: 82 Resp: 2162867

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.0
54	40.5	32.5	48.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.369 min Scan# 1918

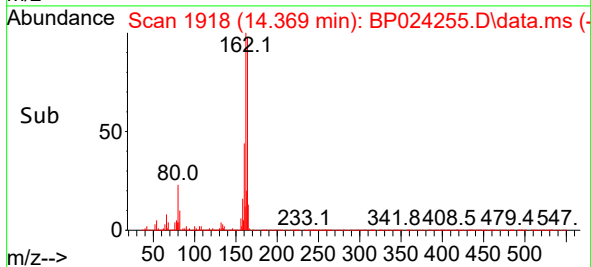
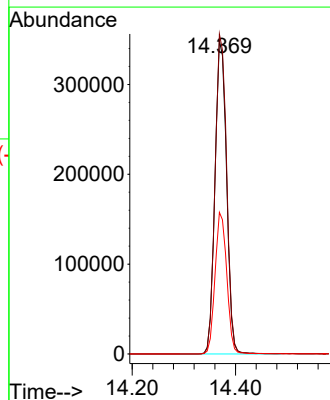
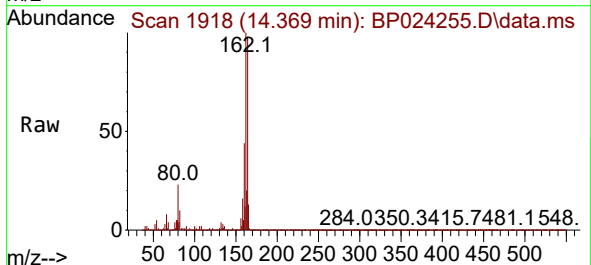
Delta R.T. -0.023 min

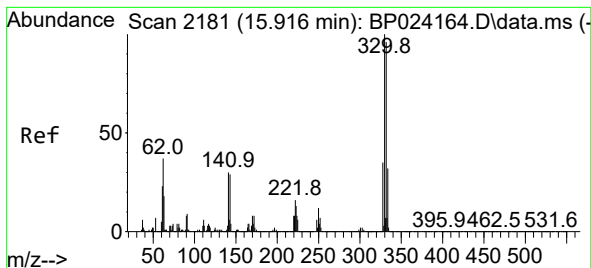
Lab File: BP024255.D

Acq: 10 Apr 2025 17:49

Tgt Ion: 164 Resp: 542647

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	121.0
160	45.2	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 211.872 ng

RT: 15.892 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BP024255.D

Acq: 10 Apr 2025 17:49

Instrument :

BNA_P

ClientSampleId :

IB-2A-WC

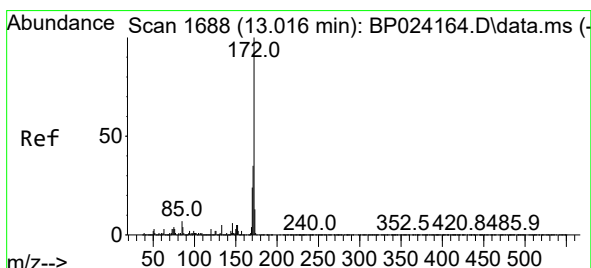
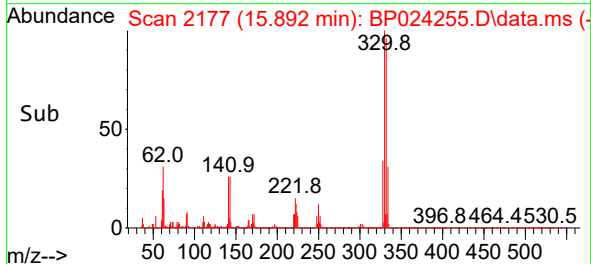
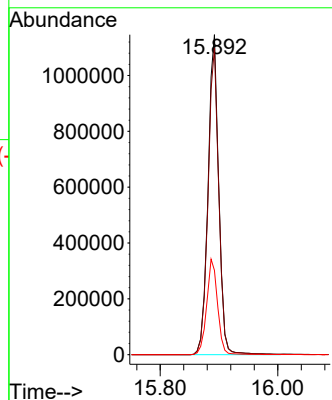
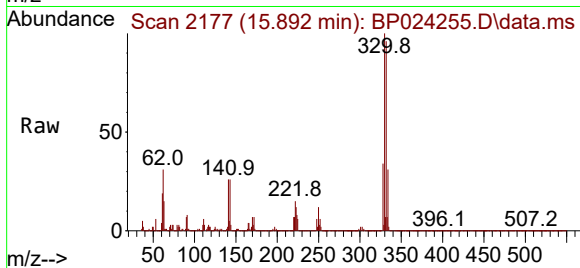
Tgt Ion:330 Resp: 1448212

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 30.5 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 119.799 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BP024255.D

Acq: 10 Apr 2025 17:49

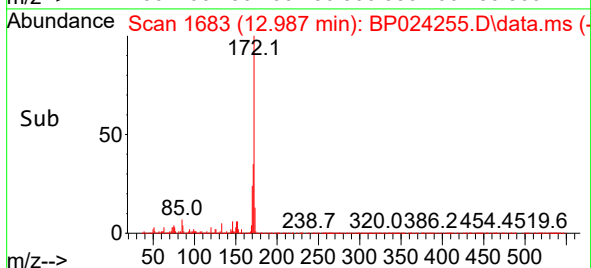
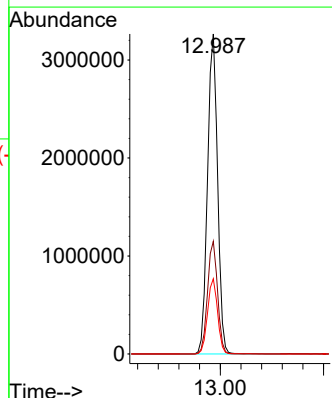
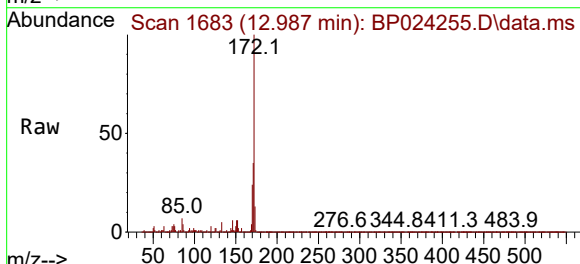
Tgt Ion:172 Resp: 4408773

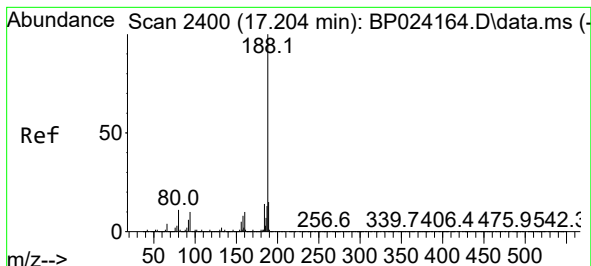
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.5 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: BP024255.D

Acq: 10 Apr 2025 17:49

Instrument :

BNA_P

ClientSampleId :

IB-2A-WC

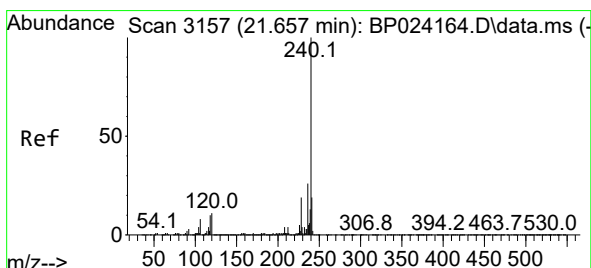
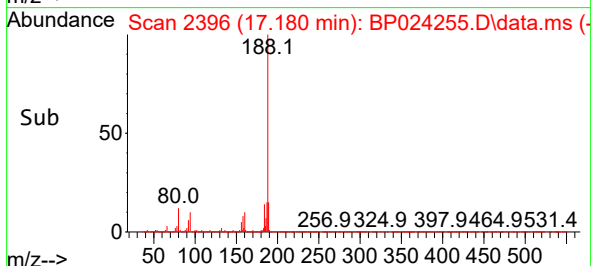
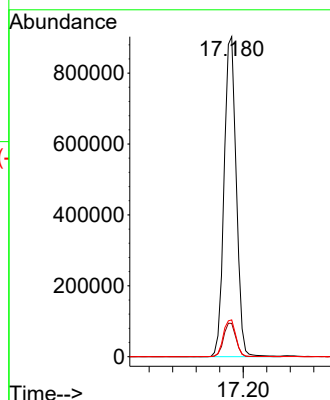
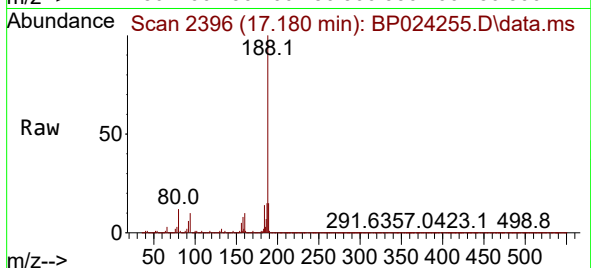
Tgt Ion:188 Resp: 1295492

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

80 11.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3152

Delta R.T. -0.018 min

Lab File: BP024255.D

Acq: 10 Apr 2025 17:49

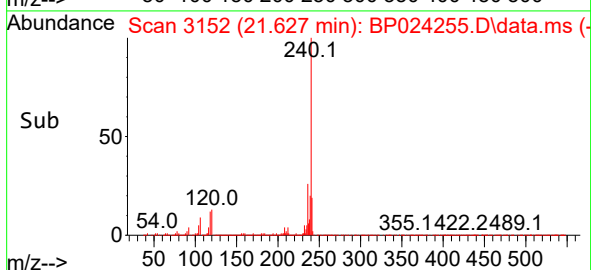
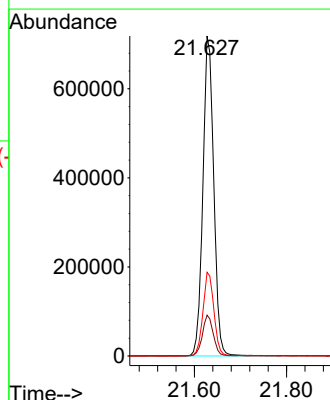
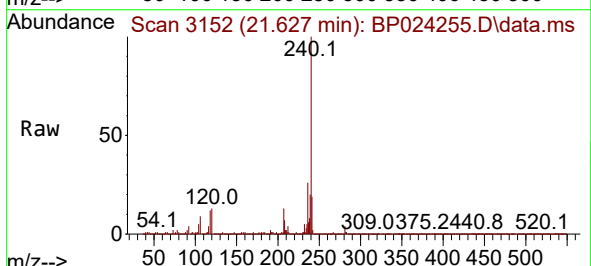
Tgt Ion:240 Resp: 1183743

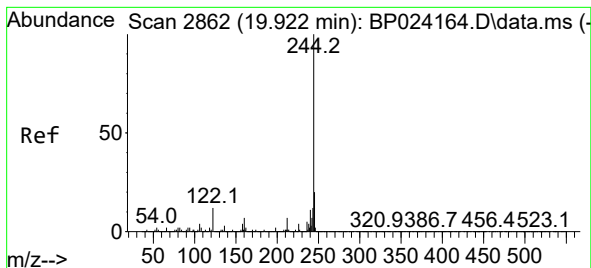
Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 26.1 20.4 30.6





#79

Terphenyl-d14

Concen: 131.458 ng

RT: 19.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024255.D

Acq: 10 Apr 2025 17:49

Instrument :

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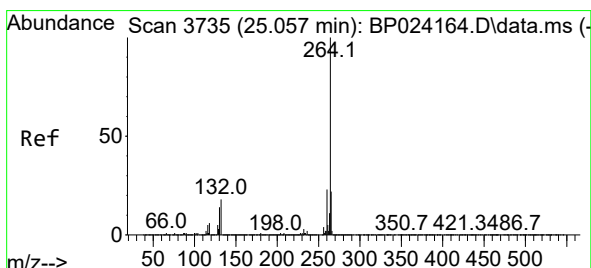
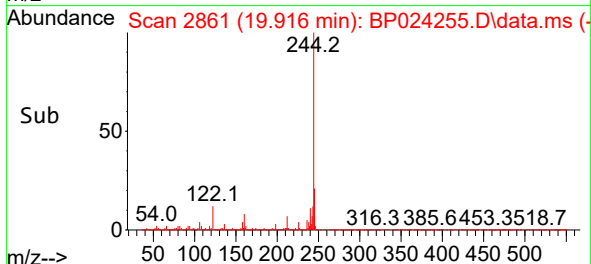
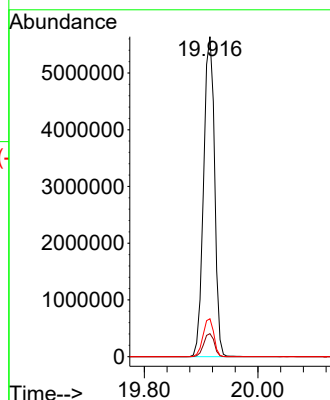
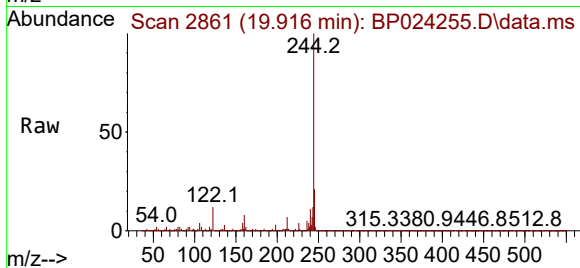
Tgt Ion:244 Resp: 7538567

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3725

Delta R.T. -0.012 min

Lab File: BP024255.D

Acq: 10 Apr 2025 17:49

Tgt Ion:264 Resp: 89546

Ion Ratio Lower Upper

264 100

260 43.0 18.5 27.7#

265 30.6 17.7 26.5#

