

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024234.D
 Acq On : 09 Apr 2025 14:18
 Operator : RC/JU
 Sample : Q1712-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Z-05A

Quant Time: Apr 09 14:43:02 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	223316	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	850534	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	493927	20.000	ng	-0.03
64) Phenanthrene-d10	17.175	188	999008	20.000	ng	-0.03
76) Chrysene-d12	21.627	240	1165156	20.000	ng	-0.03
86) Perylene-d12	25.010	264	1265750	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1868624	133.571	ng	-0.02
7) Phenol-d6	6.922	99	2176667	116.350	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1509760	100.151	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	1015003	163.141	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	3165350	94.496	ng	-0.03
79) Terphenyl-d14	19.904	244	5515926	97.722	ng	-0.02

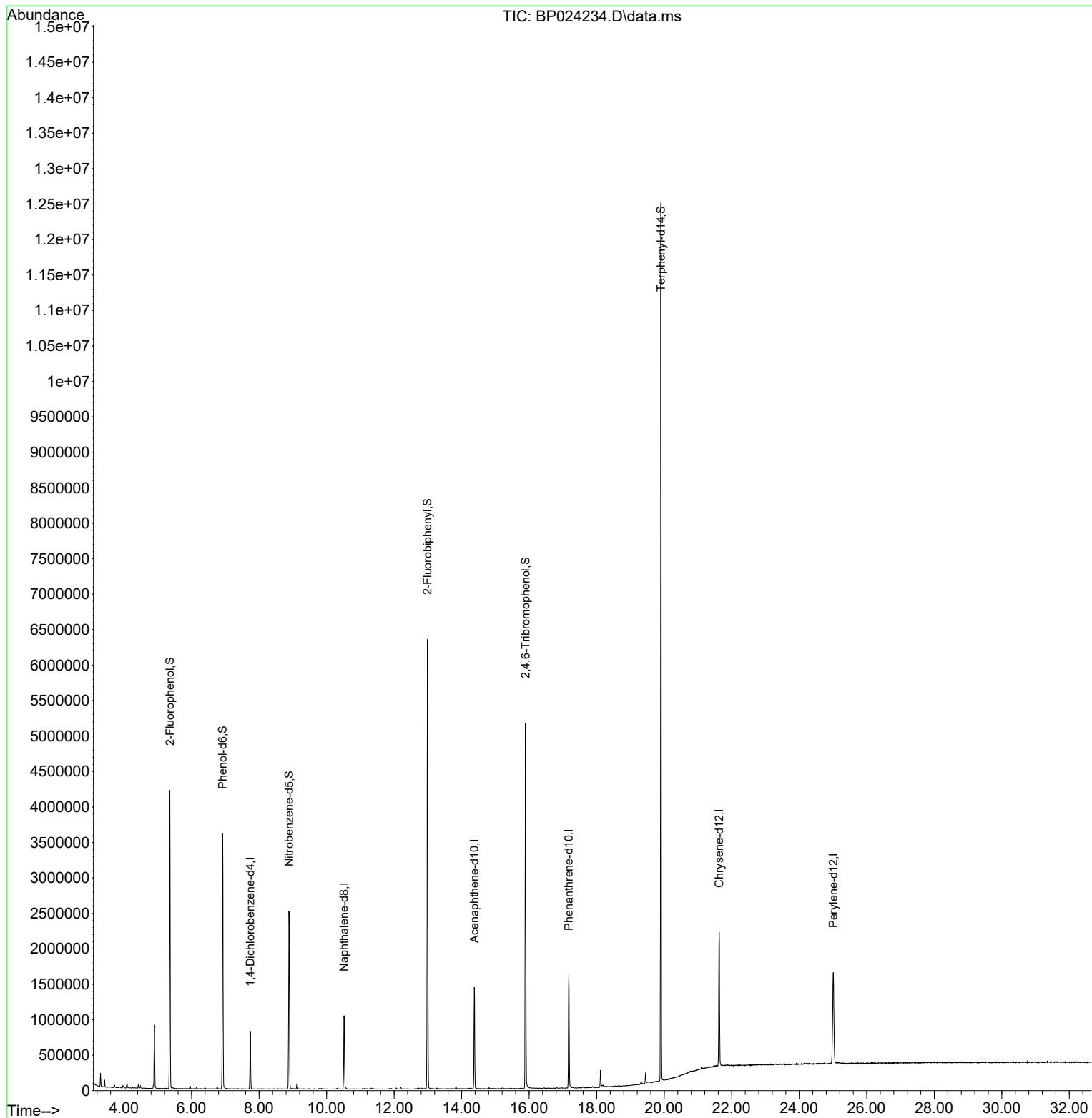
Target Compounds	Qvalue

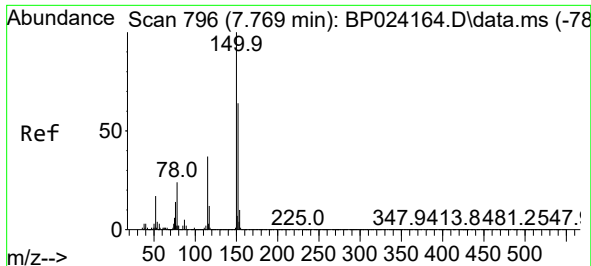
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024234.D
Acq On : 09 Apr 2025 14:18
Operator : RC/JU
Sample : Q1712-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
Z-05A

Quant Time: Apr 09 14:43:02 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

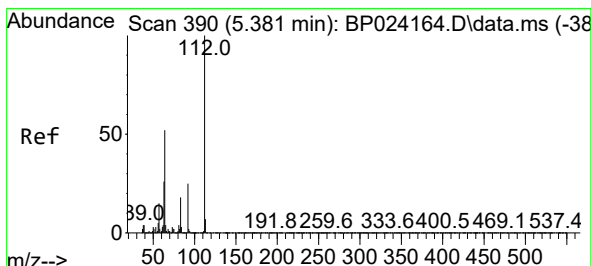
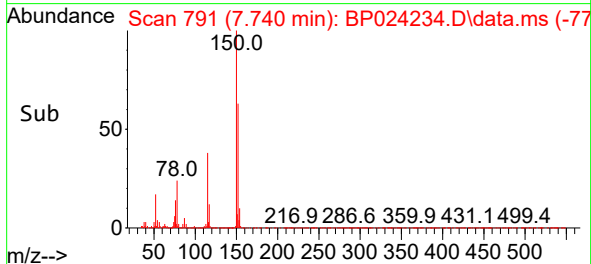
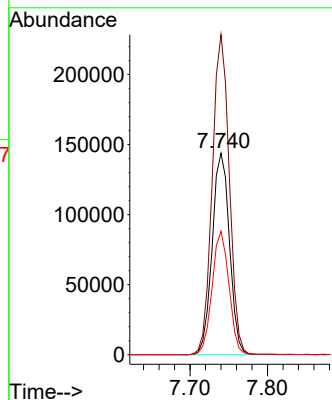
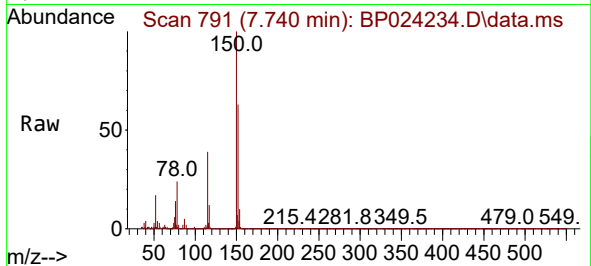




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

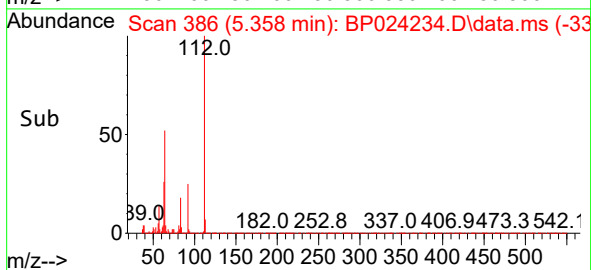
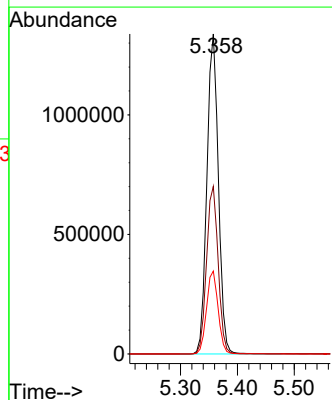
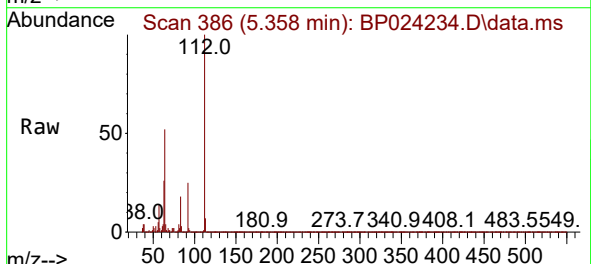
Instrument :
BNA_P
ClientSampleId :
Z-05A

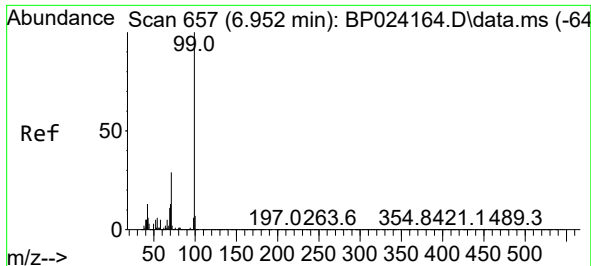
Tgt Ion:152 Resp: 223316
Ion Ratio Lower Upper
152 100
150 158.8 125.5 188.3
115 61.2 46.3 69.5



#5
2-Fluorophenol
Concen: 133.571 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

Tgt Ion:112 Resp: 1868624
Ion Ratio Lower Upper
112 100
64 52.3 41.3 61.9
63 25.9 20.6 31.0





#7

Phenol-d6

Concen: 116.350 ng

RT: 6.922 min Scan# 61

Delta R.T. -0.030 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

Instrument :

BNA_P

ClientSampleId :

Z-05A

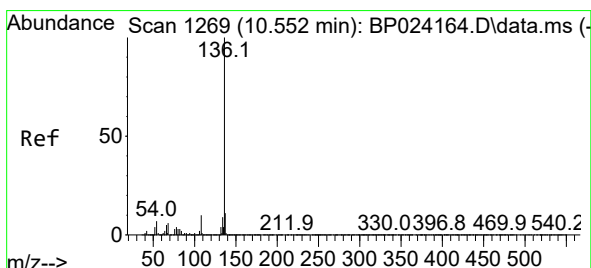
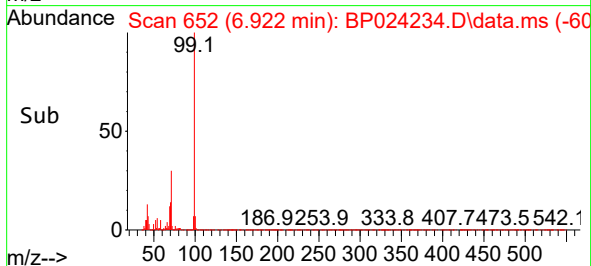
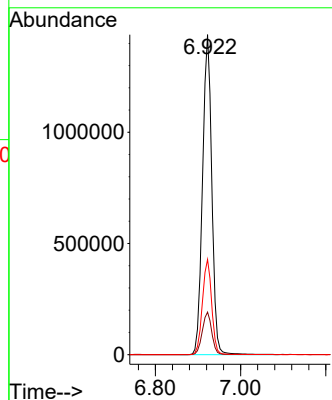
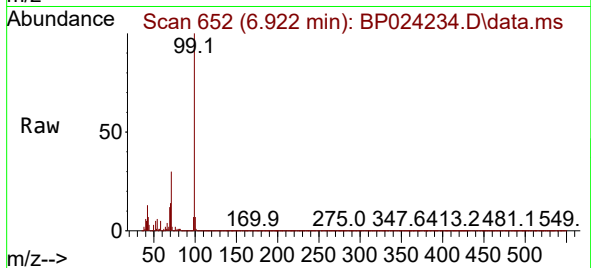
Tgt Ion: 99 Resp: 2176667

Ion Ratio Lower Upper

99 100

42 13.3 10.6 16.0

71 29.7 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: BP024234.D

Acq: 09 Apr 2025 14:18

Tgt Ion:136 Resp: 850534

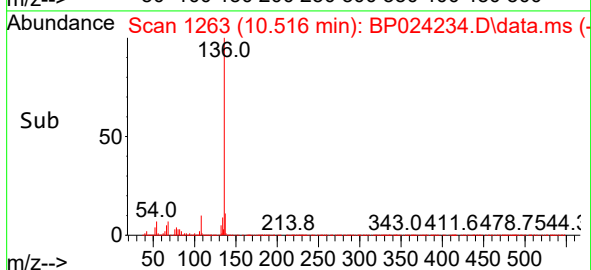
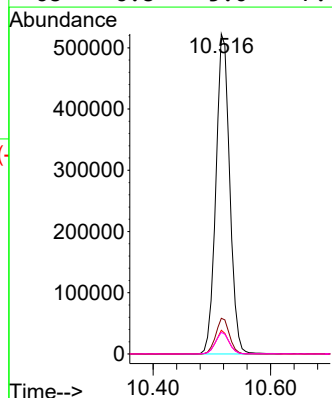
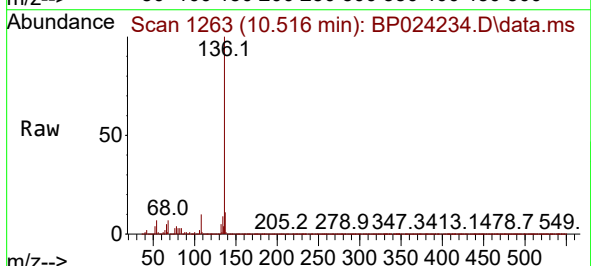
Ion Ratio Lower Upper

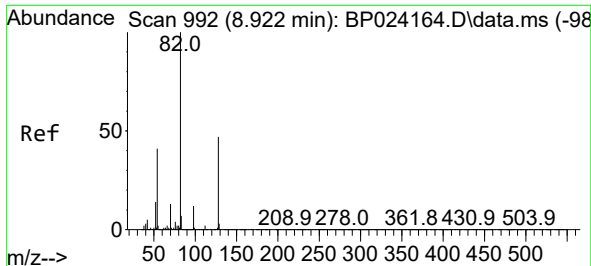
136 100

137 11.1 9.0 13.4

54 7.4 5.3 7.9

68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.151 ng

RT: 8.887 min Scan# 91

Delta R.T. -0.035 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

Instrument :

BNA_P

ClientSampleId :

Z-05A

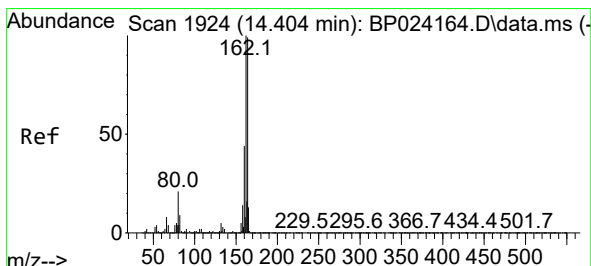
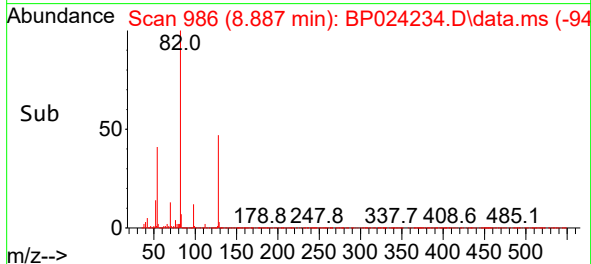
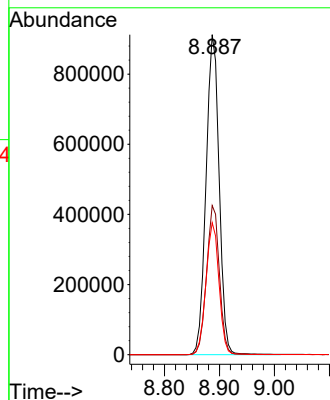
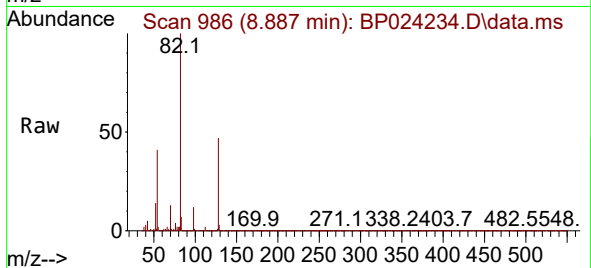
Tgt Ion: 82 Resp: 1509760

Ion Ratio Lower Upper

82 100

128 46.6 37.4 56.0

54 41.3 32.5 48.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1919

Delta R.T. -0.030 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

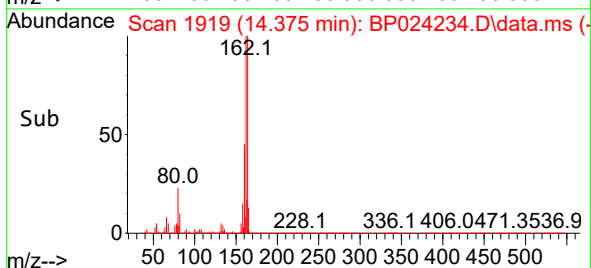
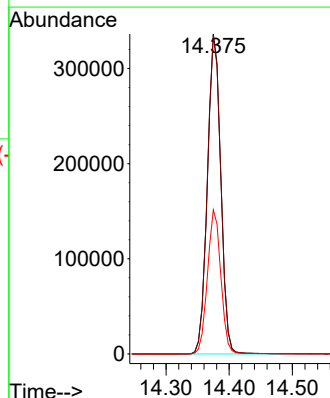
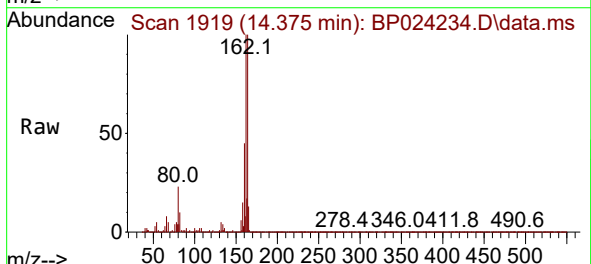
Tgt Ion: 164 Resp: 493927

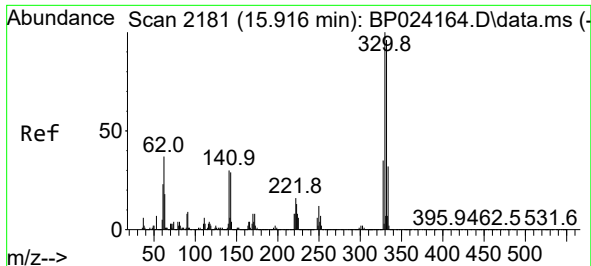
Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

160 45.1 35.4 53.2



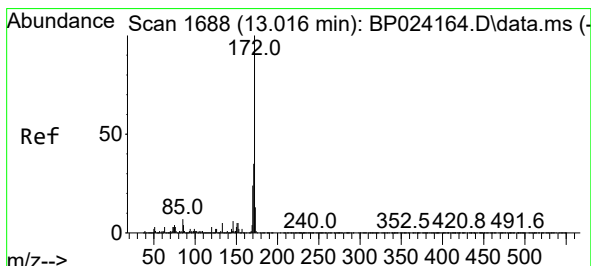
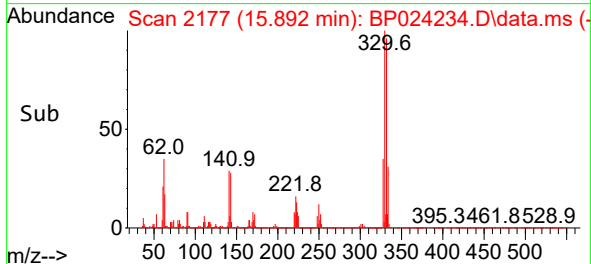
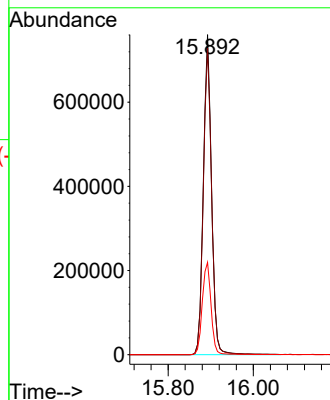
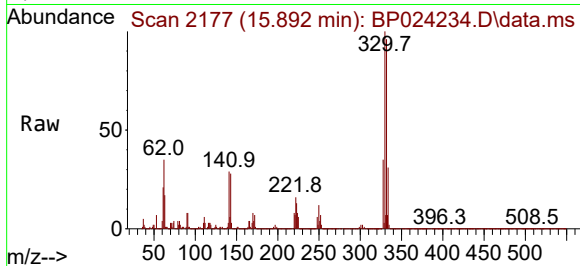


#42
 2,4,6-Tribromophenol
 Concen: 163.141 ng
 RT: 15.892 min Scan# 2181
 Delta R.T. -0.024 min
 Lab File: BP024234.D
 Acq: 09 Apr 2025 14:18

Instrument :
 BNA_P
 ClientSampleId :
 Z-05A

Tgt Ion: 330 Resp: 1015003

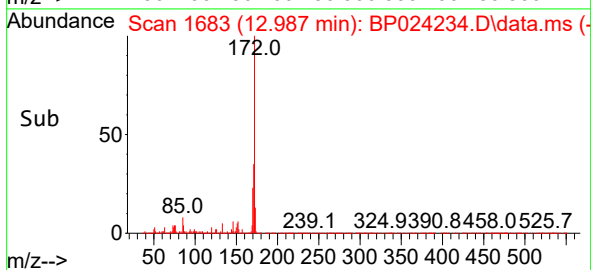
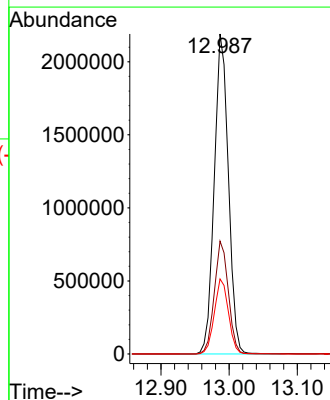
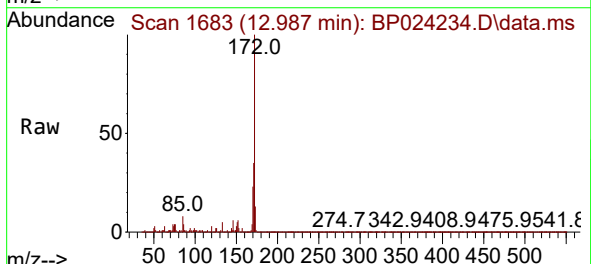
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	30.9	25.0	37.6

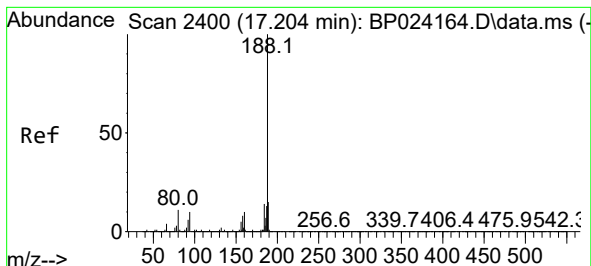


#45
 2-Fluorobiphenyl
 Concen: 94.496 ng
 RT: 12.987 min Scan# 1683
 Delta R.T. -0.030 min
 Lab File: BP024234.D
 Acq: 09 Apr 2025 14:18

Tgt Ion: 172 Resp: 3165350

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.5	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

Instrument :

BNA_P

ClientSampleId :

Z-05A

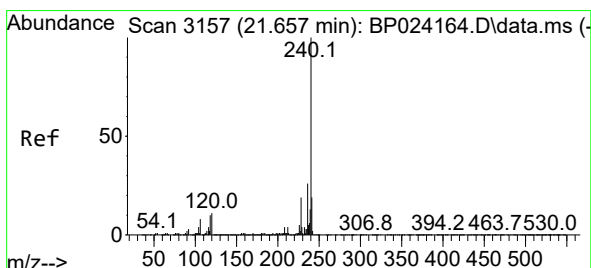
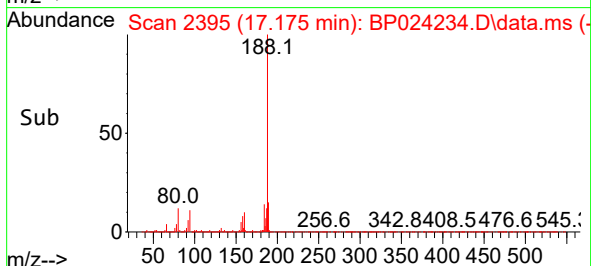
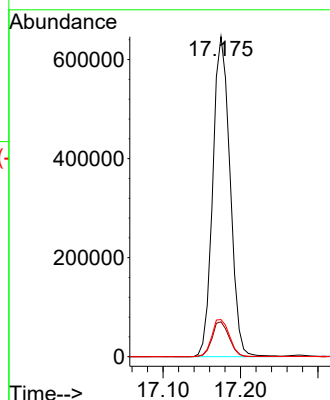
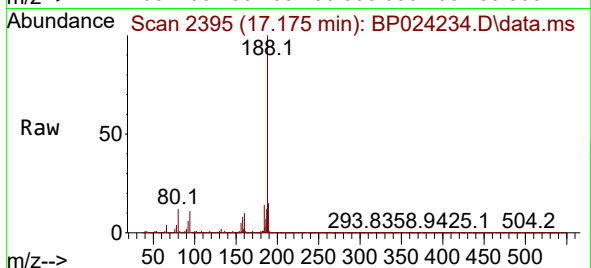
Tgt Ion:188 Resp: 999008

Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

80 11.6 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3152

Delta R.T. -0.030 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

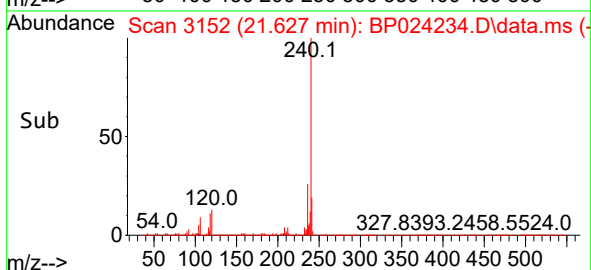
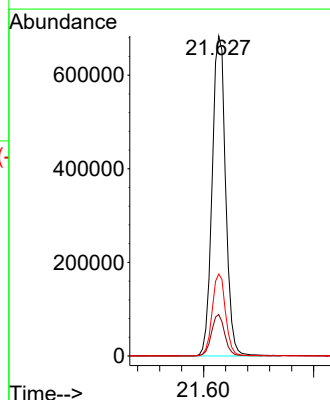
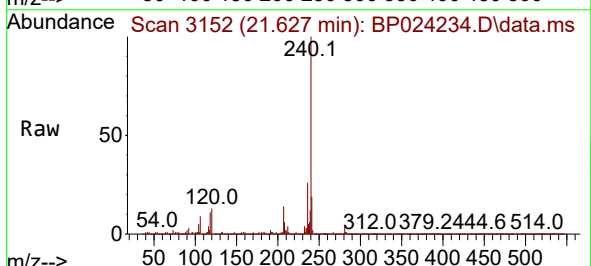
Tgt Ion:240 Resp: 1165156

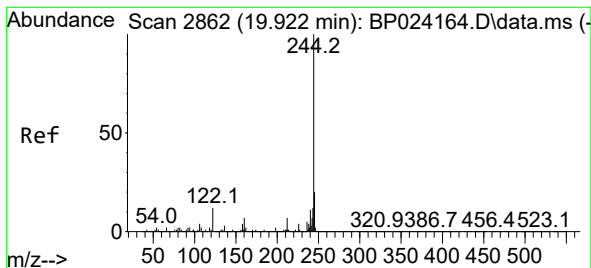
Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 97.722 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

Instrument :

BNA_P

ClientSampleId :

Z-05A

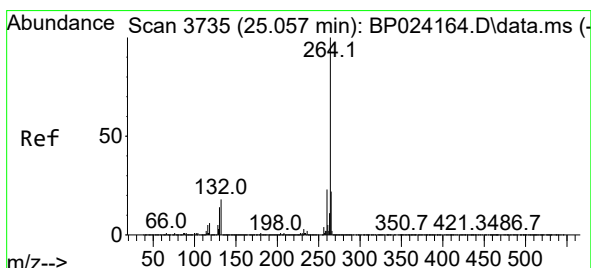
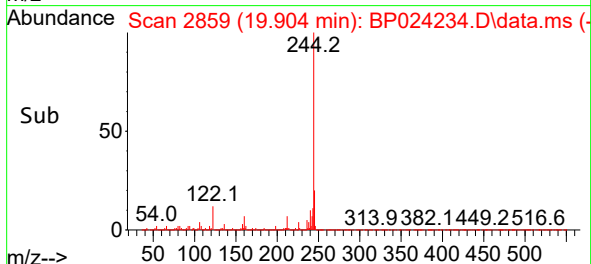
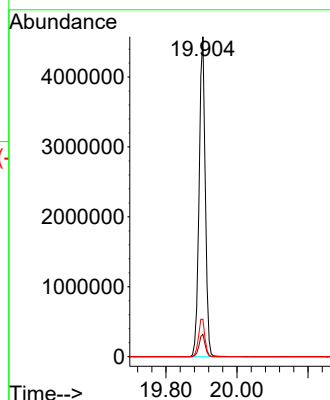
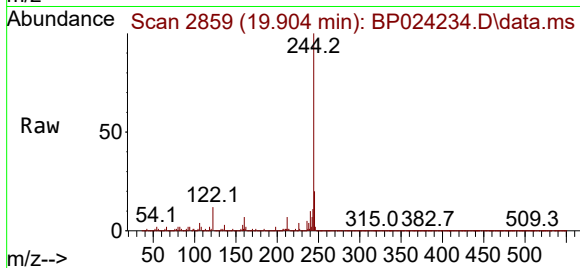
Tgt Ion:244 Resp: 5515926

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 3727

Delta R.T. -0.047 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

Tgt Ion:264 Resp: 1265750

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.9 17.7 26.5

