

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024221.D
 Acq On : 08 Apr 2025 20:31
 Operator : RC/JU
 Sample : Q1730-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-23-040325

Quant Time: Apr 09 01:02:49 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	358338	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1367638	20.000	ng	-0.04
39) Acenaphthene-d10	14.381	164	804787	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1593318	20.000	ng	-0.01
76) Chrysene-d12	21.639	240	1784235	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1907981	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1717372	76.504	ng	-0.02
7) Phenol-d6	6.922	99	2220216	73.960	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1250487	51.588	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	831215	81.996	ng	-0.02
45) 2-Fluorobiphenyl	12.993	172	2755658	50.489	ng	-0.02
79) Terphenyl-d14	19.910	244	4881858	56.479	ng	-0.01

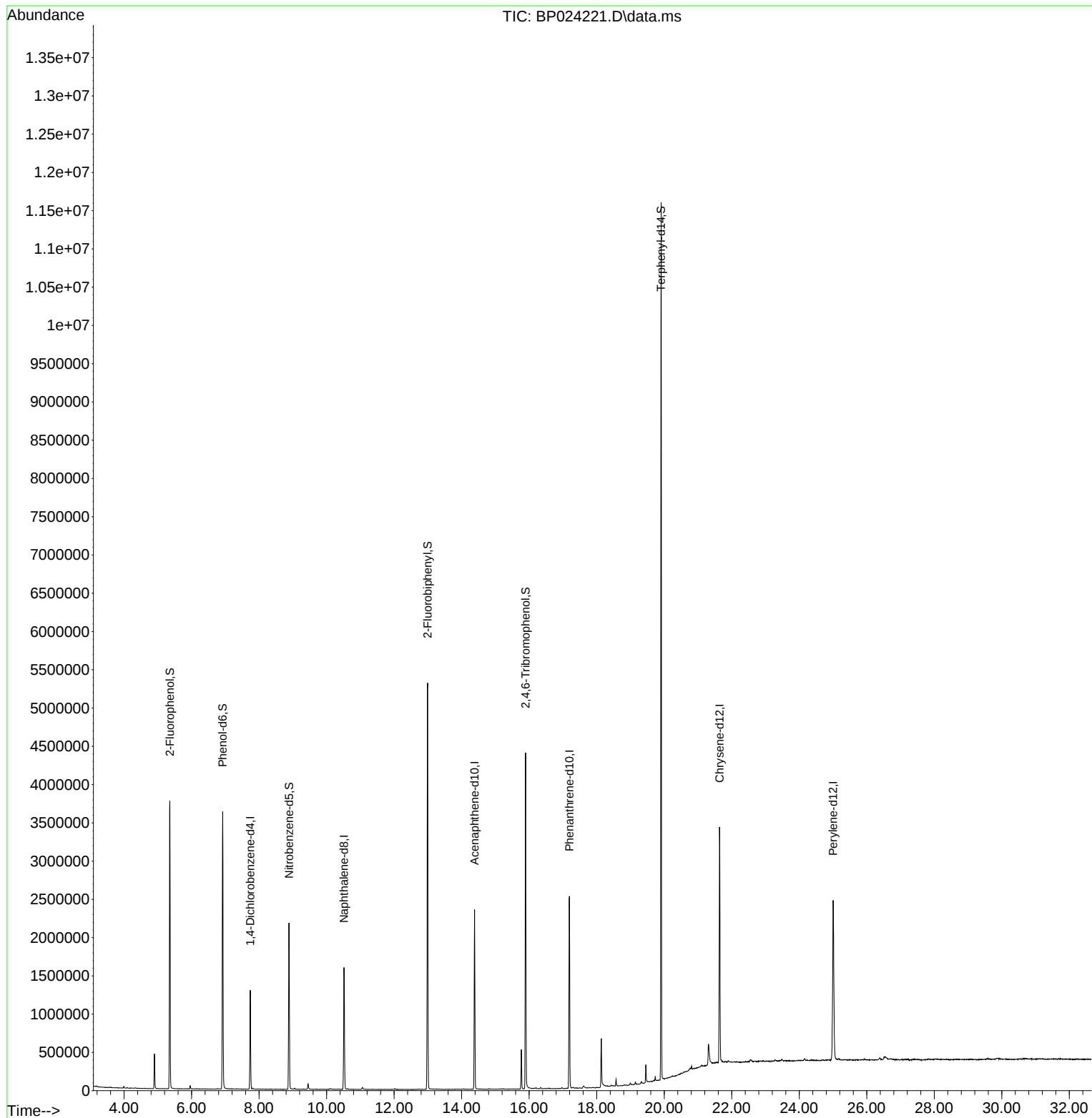
Target Compounds	Qvalue

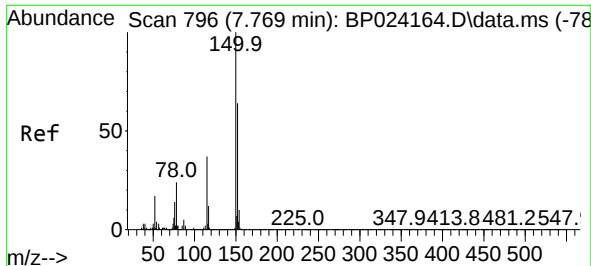
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024221.D
Acq On : 08 Apr 2025 20:31
Operator : RC/JU
Sample : Q1730-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Quant Time: Apr 09 01:02:49 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

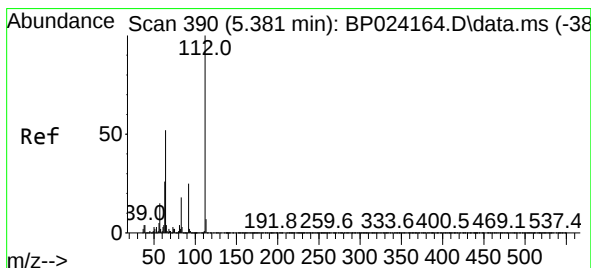
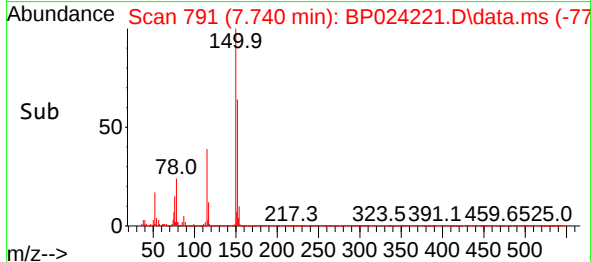
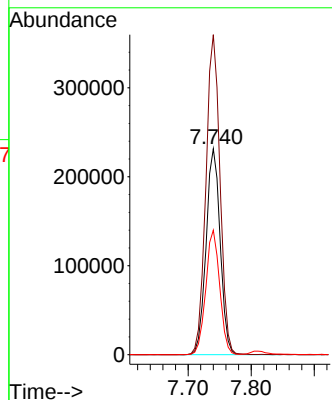
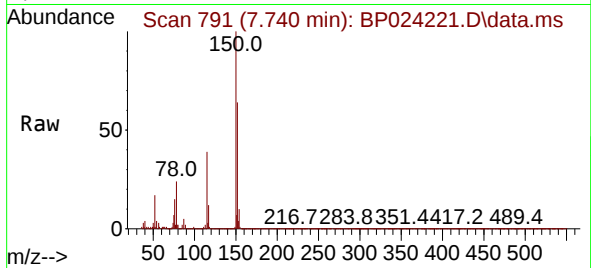




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

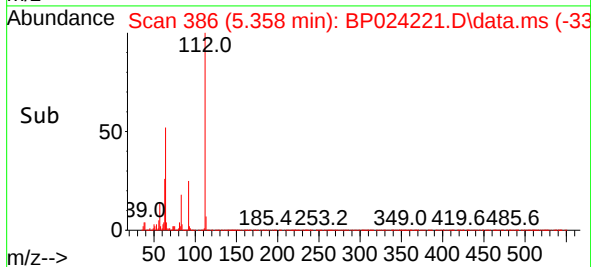
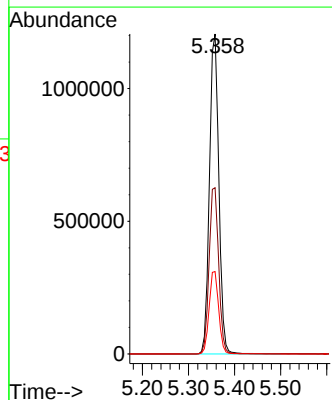
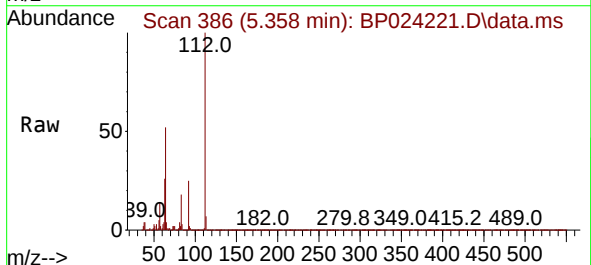
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

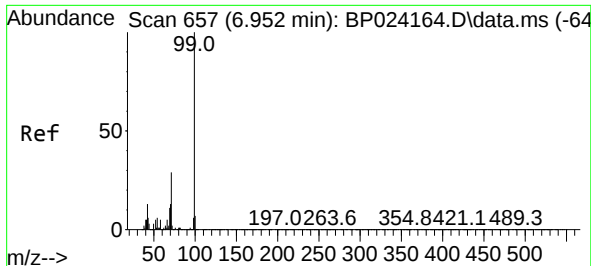
Tgt Ion:152 Resp: 358338
Ion Ratio Lower Upper
152 100
150 155.4 125.5 188.3
115 60.5 46.3 69.5



#5
2-Fluorophenol
Concen: 76.504 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:112 Resp: 1717372
Ion Ratio Lower Upper
112 100
64 51.9 41.3 61.9
63 25.8 20.6 31.0

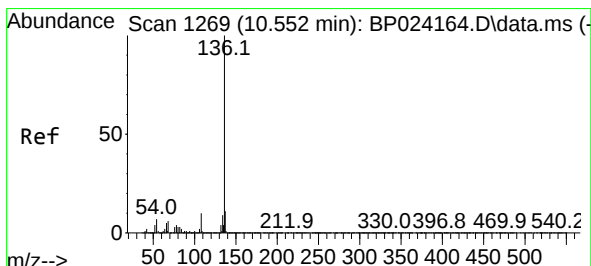
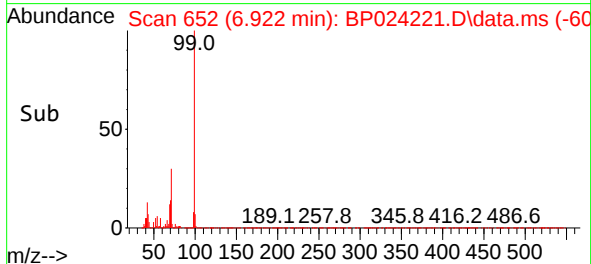
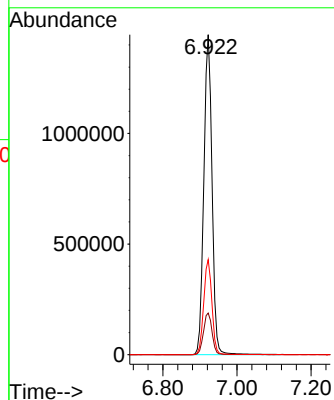
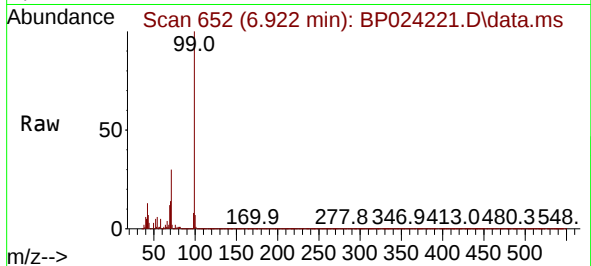




#7
Phenol-d6
Concen: 73.960 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

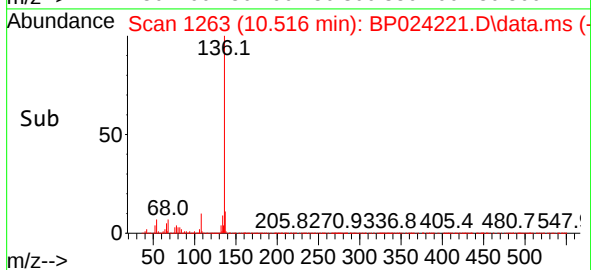
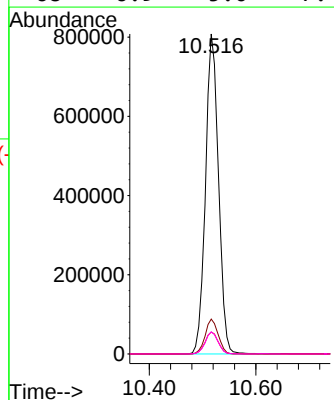
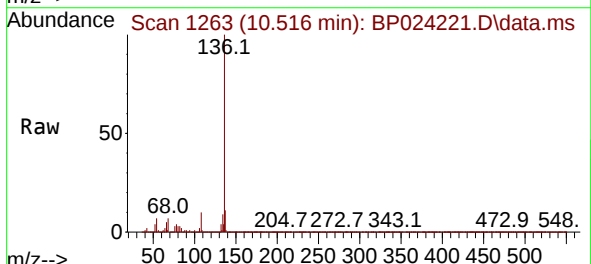
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

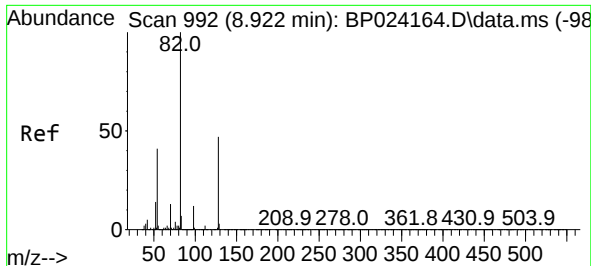
Tgt Ion: 99 Resp: 2220216
Ion Ratio Lower Upper
99 100
42 13.0 10.6 16.0
71 29.7 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:136 Resp: 1367638
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.8 5.3 7.9
68 6.9 5.0 7.4

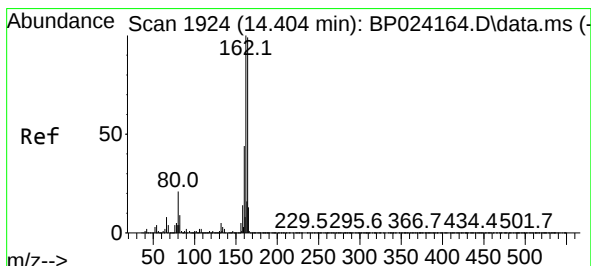
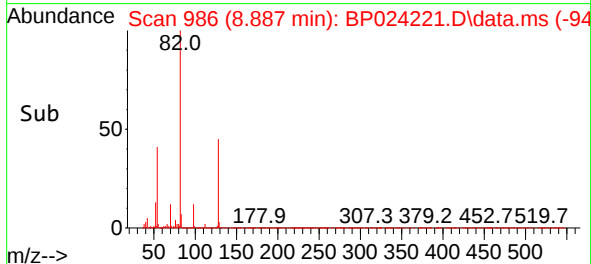
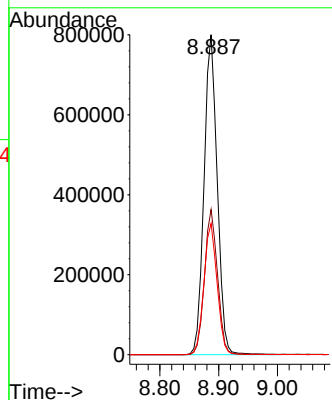
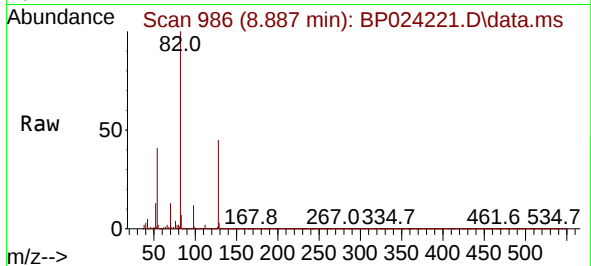




#23
Nitrobenzene-d5
Concen: 51.588 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

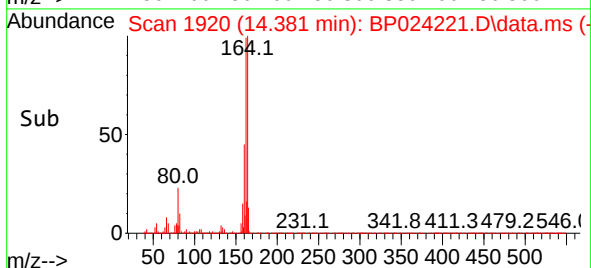
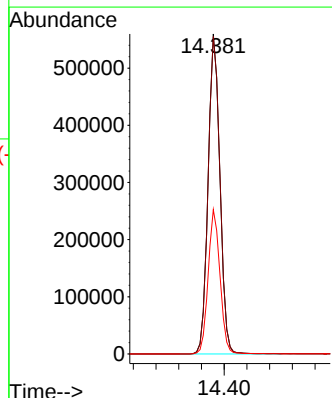
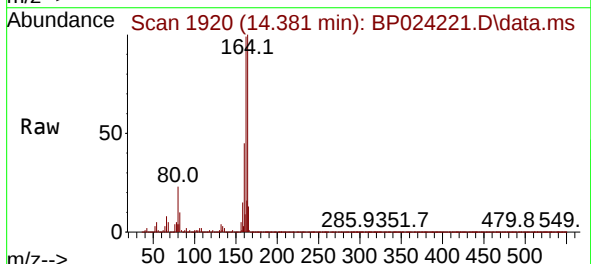
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

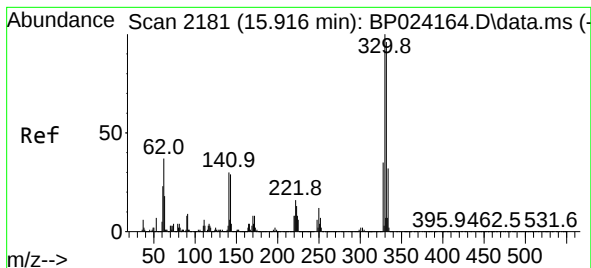
Tgt Ion: 82 Resp: 1250487
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.0
54 41.0 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:164 Resp: 804787
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 45.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 81.996 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024221.D

Acq: 08 Apr 2025 20:31

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-23-040325

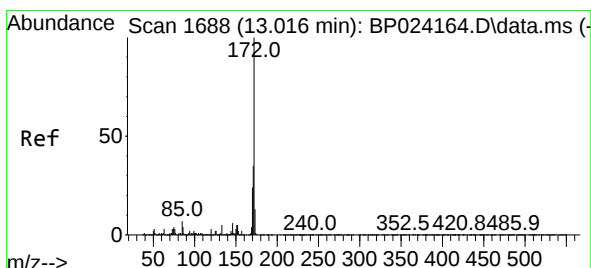
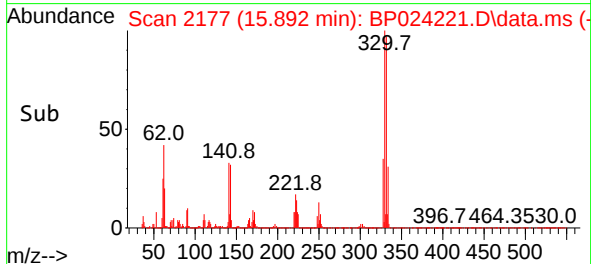
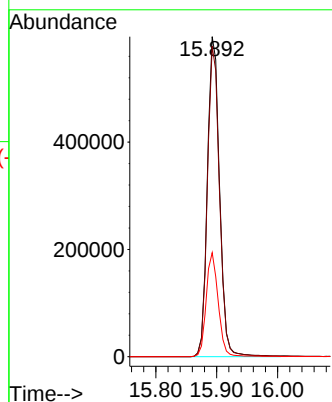
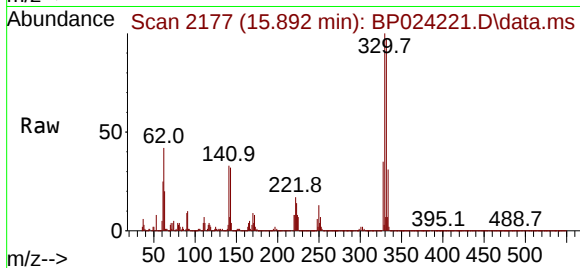
Tgt Ion:330 Resp: 831215

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 32.2 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 50.489 ng

RT: 12.993 min Scan# 1684

Delta R.T. -0.024 min

Lab File: BP024221.D

Acq: 08 Apr 2025 20:31

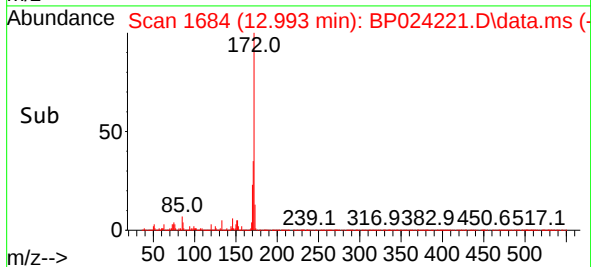
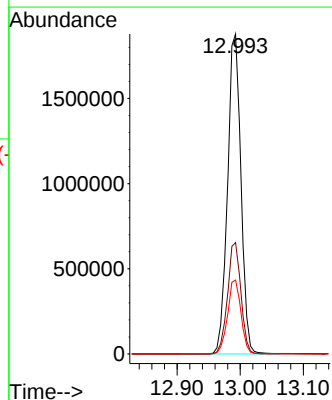
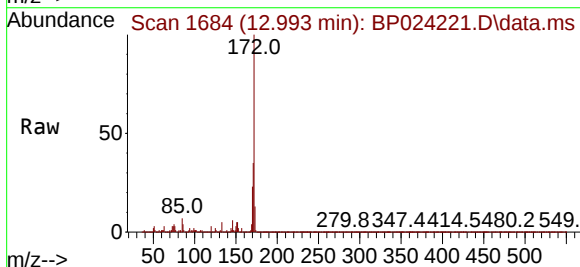
Tgt Ion:172 Resp: 2755658

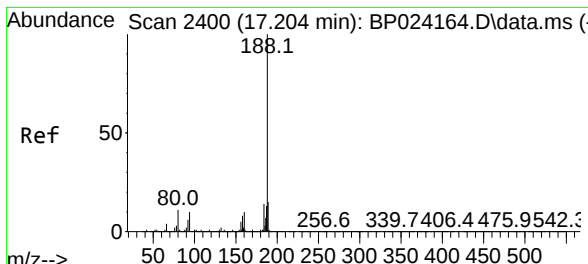
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.1 19.0 28.4



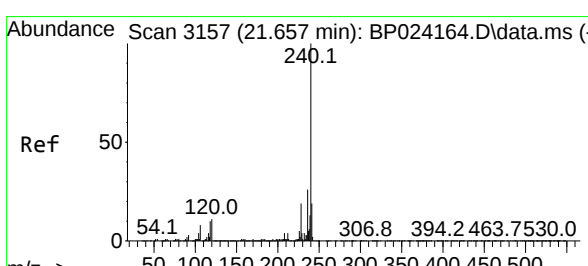
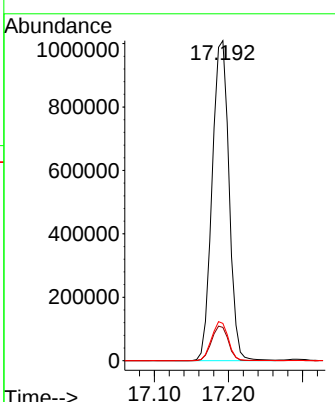
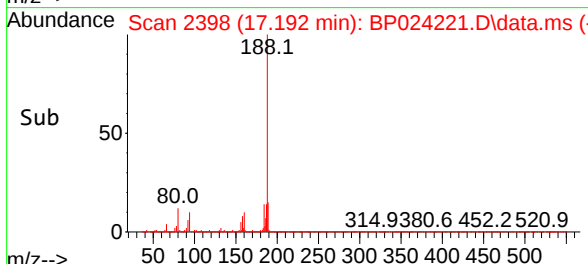
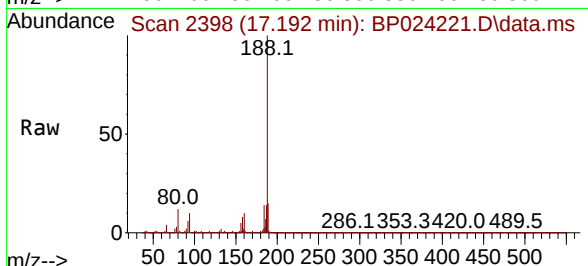


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.192 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024221.D
 Acq: 08 Apr 2025 20:31

Instrument : BNA_P
 ClientSampleId : OU4-PCS-TC-23-040325

Tgt Ion:188 Resp: 1593318

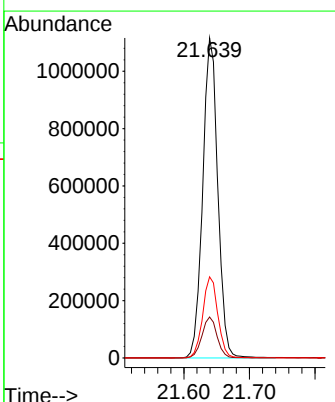
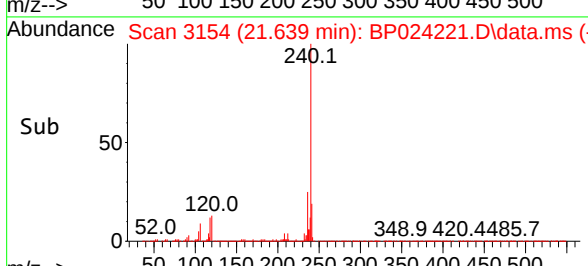
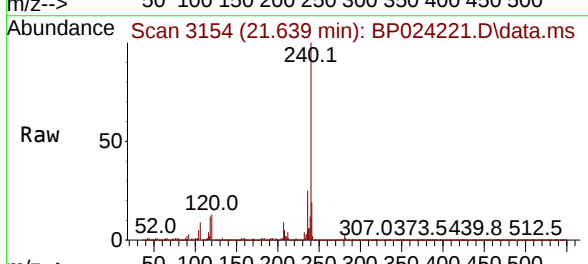
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.6	8.9	13.3

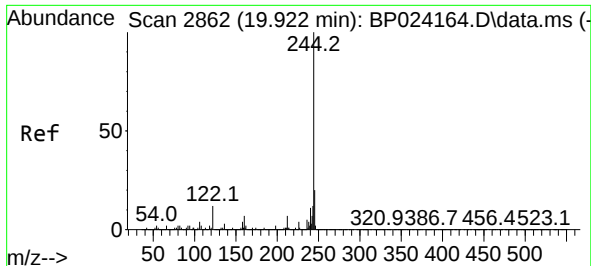


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.639 min Scan# 3154
 Delta R.T. -0.018 min
 Lab File: BP024221.D
 Acq: 08 Apr 2025 20:31

Tgt Ion:240 Resp: 1784235

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.2	13.8
236	25.3	20.4	30.6

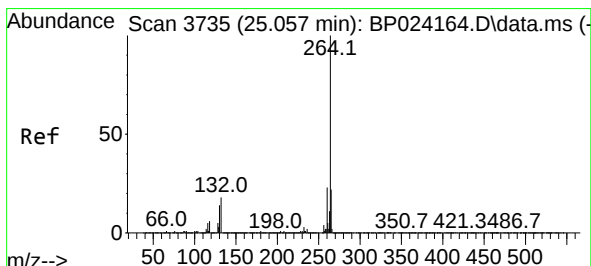
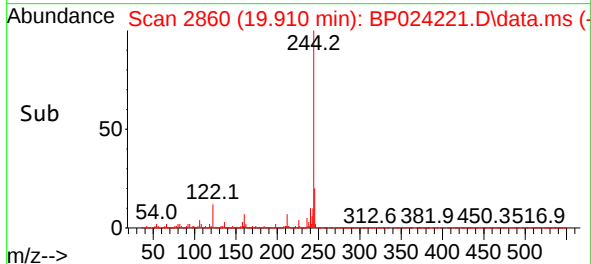
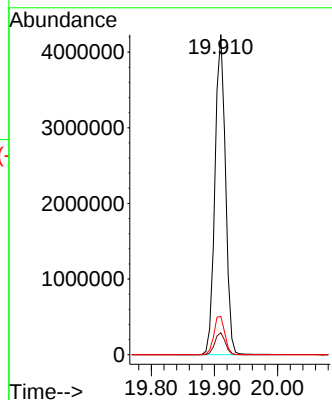
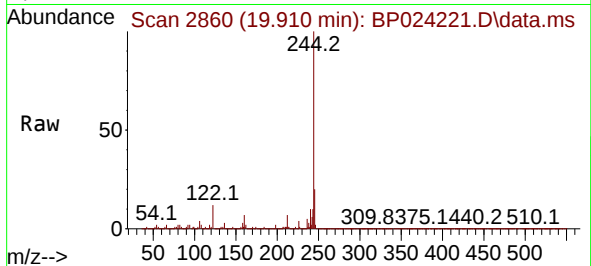




#79
 Terphenyl-d14
 Concen: 56.479 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024221.D
 Acq: 08 Apr 2025 20:31

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-23-040325

Tgt Ion:244 Resp: 4881858
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 3726
 Delta R.T. -0.053 min
 Lab File: BP024221.D
 Acq: 08 Apr 2025 20:31

Tgt Ion:264 Resp: 1907981
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 21.9 17.7 26.5

