

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024214.D
 Acq On : 08 Apr 2025 15:45
 Operator : RC/JU
 Sample : Q1730-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325

Quant Time: Apr 08 18:28:46 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	355993	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1507529	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	1005040	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	2144376	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	2389803	20.000	ng	0.00
86) Perylene-d12	25.033	264	2460085	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2431105	109.011	ng	-0.02
7) Phenol-d6	6.922	99	3416670	114.566	ng	-0.03
23) Nitrobenzene-d5	8.887	82	2017049	75.490	ng	-0.04
42) 2,4,6-Tribromophenol	15.904	330	1426698	112.696	ng	-0.01
45) 2-Fluorobiphenyl	12.992	172	5055664	74.173	ng	-0.02
79) Terphenyl-d14	19.927	244	9186658	79.351	ng	0.00

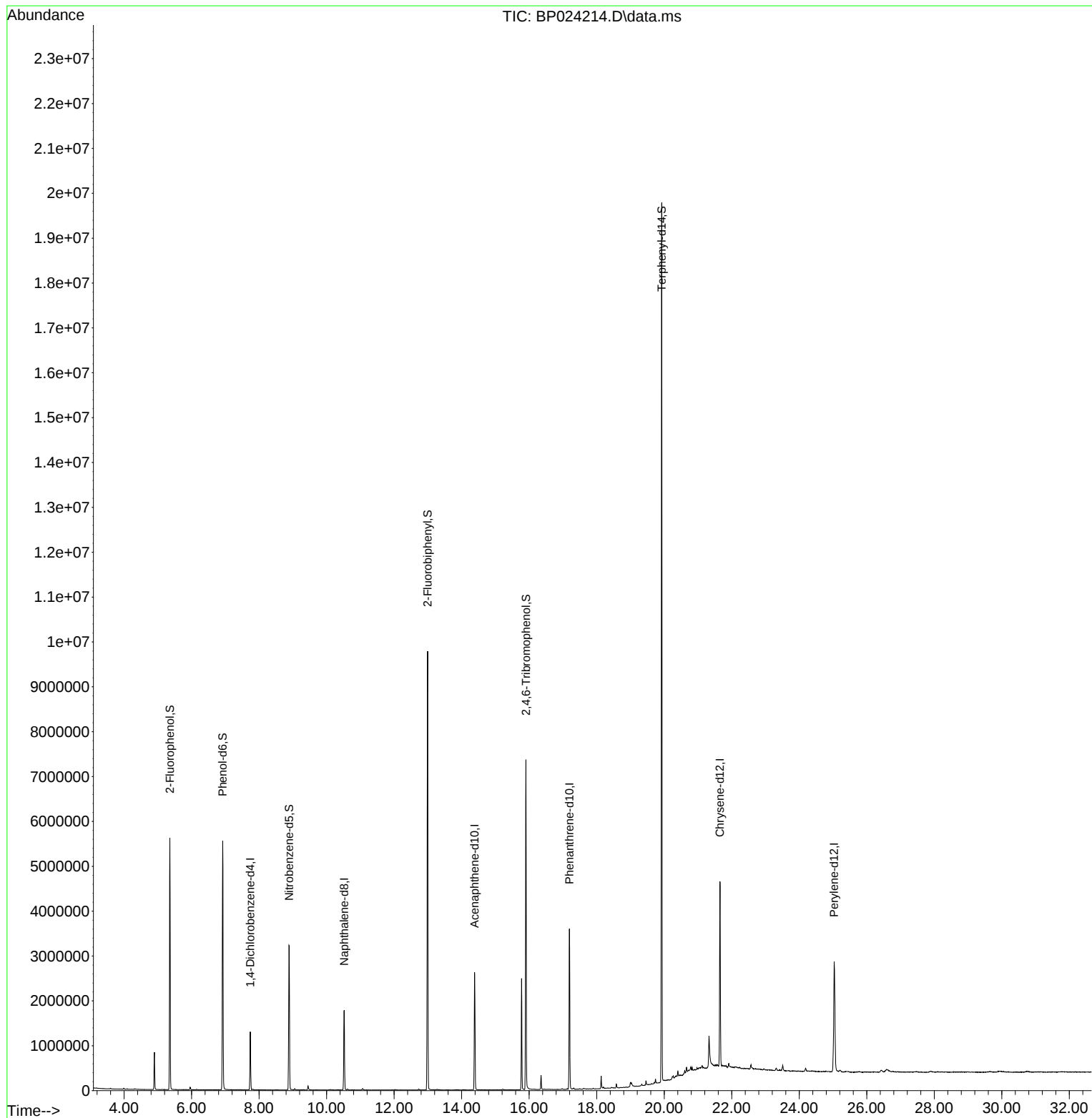
Target Compounds	Qvalue

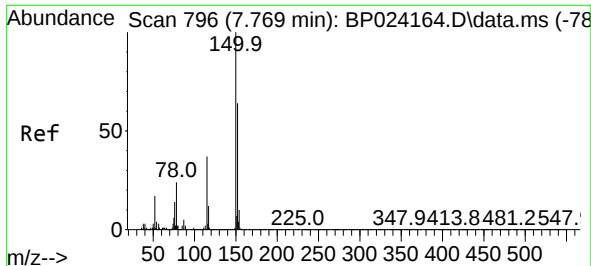
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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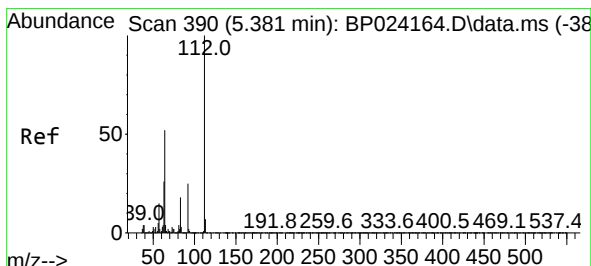
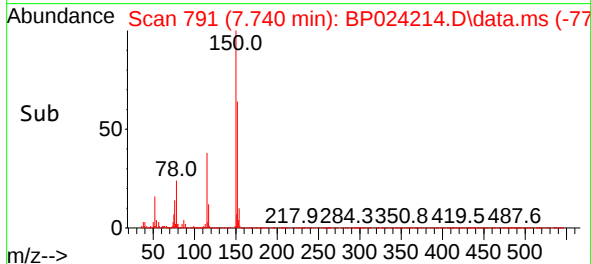
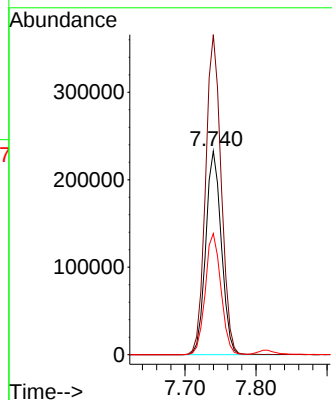
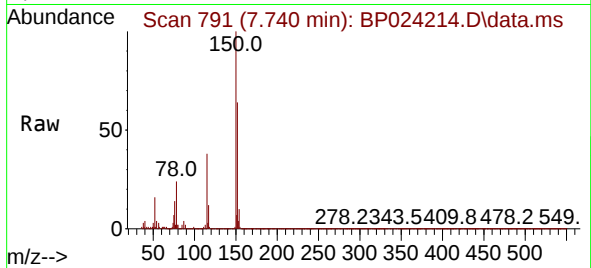




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 796
 Delta R.T. -0.029 min
 Lab File: BP024214.D
 Acq: 08 Apr 2025 15:45

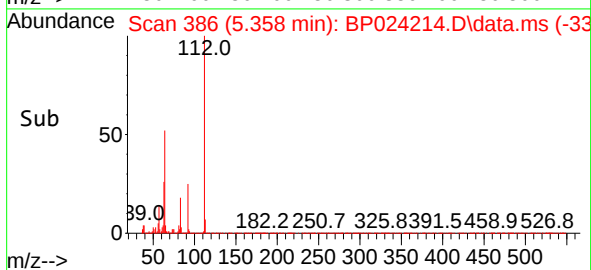
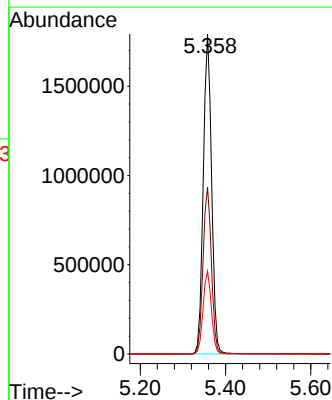
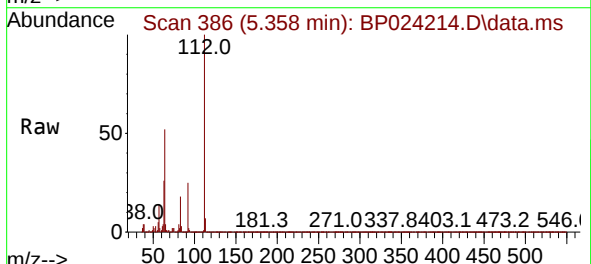
Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325

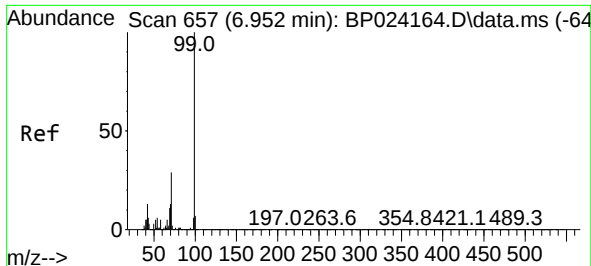
Tgt Ion:152 Resp: 355993
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.5 188.3
 115 59.5 46.3 69.5



#5
 2-Fluorophenol
 Concen: 109.011 ng
 RT: 5.358 min Scan# 386
 Delta R.T. -0.024 min
 Lab File: BP024214.D
 Acq: 08 Apr 2025 15:45

Tgt Ion:112 Resp: 2431105
 Ion Ratio Lower Upper
 112 100
 64 52.1 41.3 61.9
 63 25.9 20.6 31.0

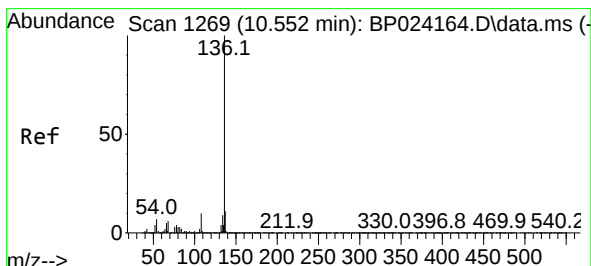
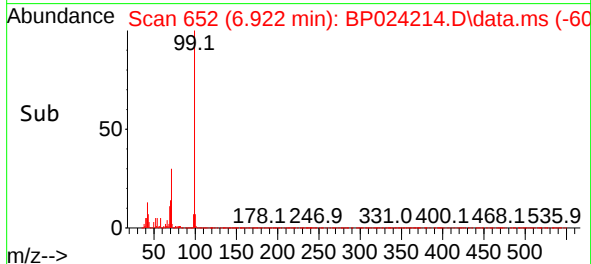
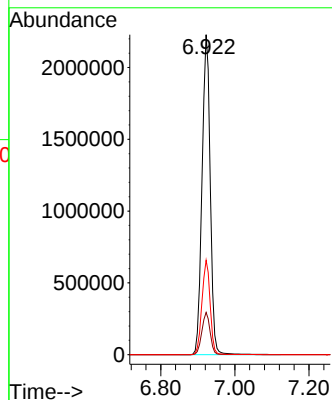
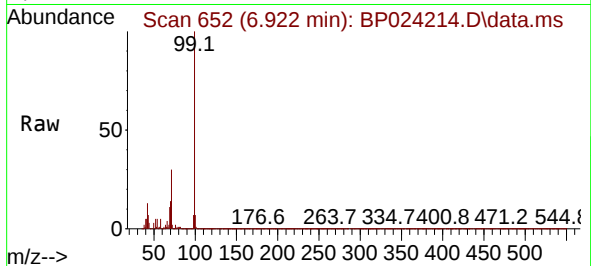




#7
Phenol-d6
Concen: 114.566 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

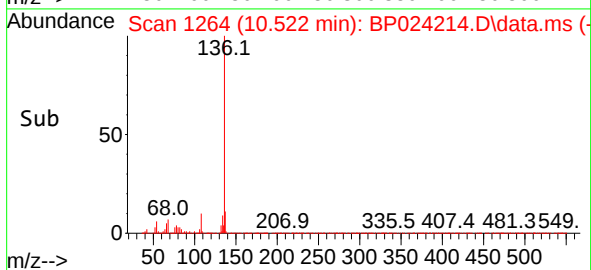
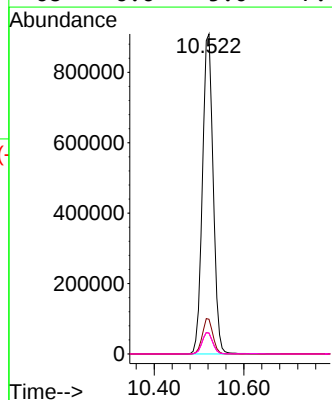
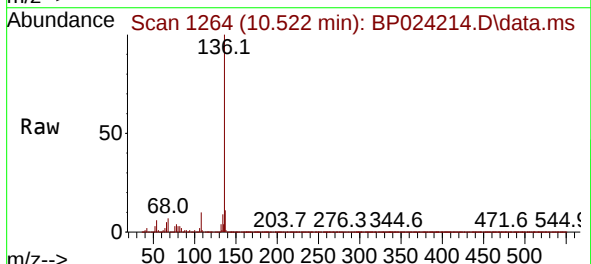
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

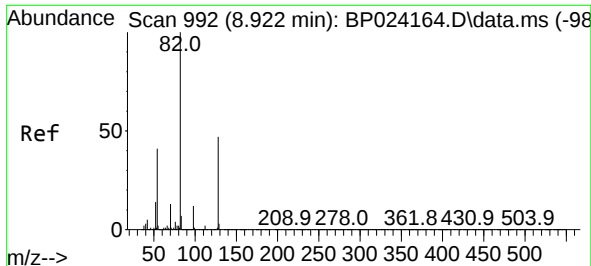
Tgt Ion: 99 Resp: 3416670
Ion Ratio Lower Upper
99 100
42 13.2 10.6 16.0
71 29.5 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.030 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Tgt Ion:136 Resp: 1507529
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.5 5.3 7.9
68 6.6 5.0 7.4

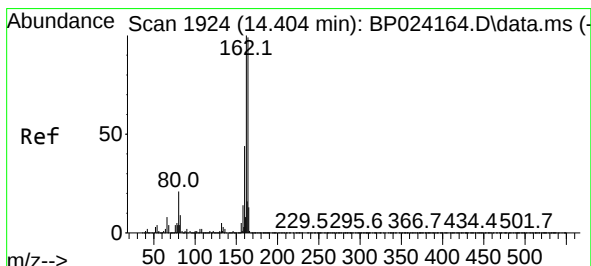
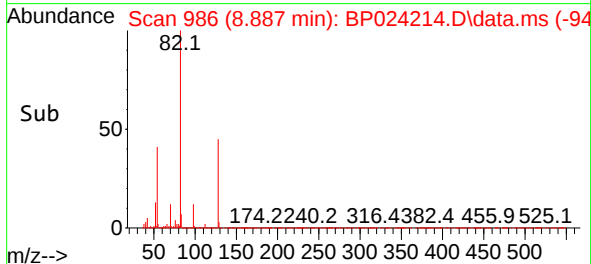
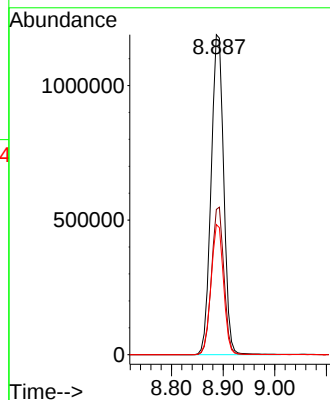
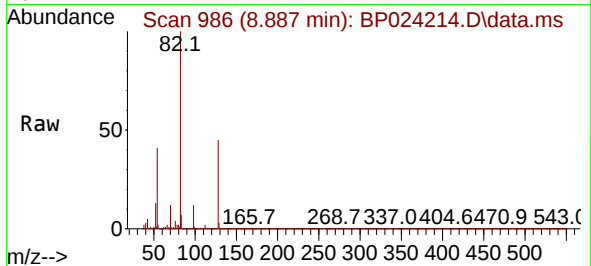




#23
Nitrobenzene-d5
Concen: 75.490 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

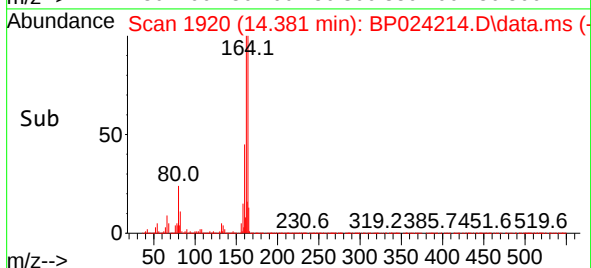
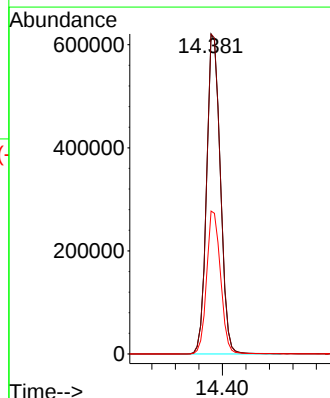
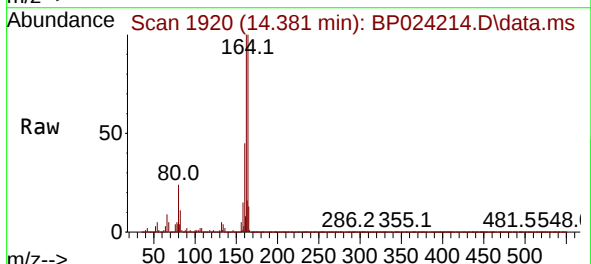
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

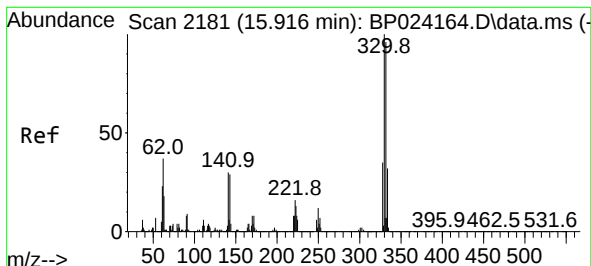
Tgt Ion: 82 Resp: 2017049
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.0
54 40.7 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Tgt Ion:164 Resp: 1005040
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 112.696 ng

RT: 15.904 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BP024214.D

Acq: 08 Apr 2025 15:45

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325

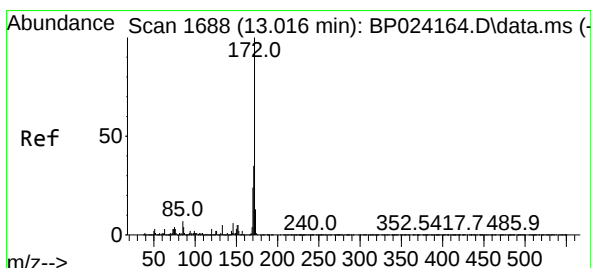
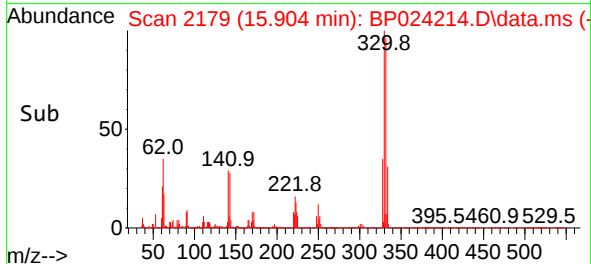
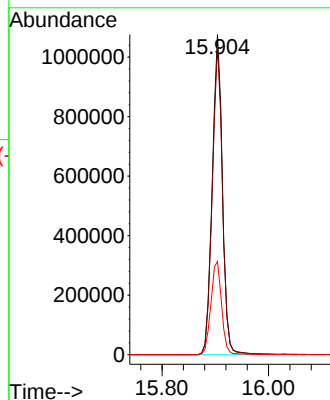
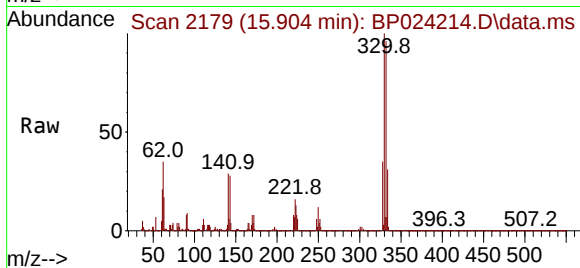
Tgt Ion:330 Resp: 1426698

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 30.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 74.173 ng

RT: 12.992 min Scan# 1684

Delta R.T. -0.024 min

Lab File: BP024214.D

Acq: 08 Apr 2025 15:45

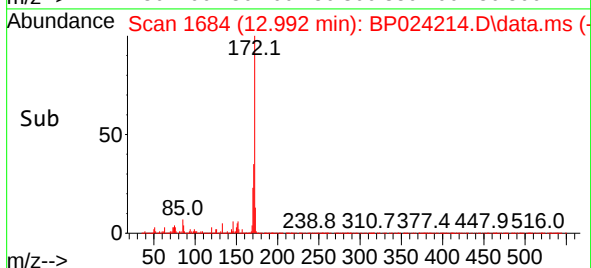
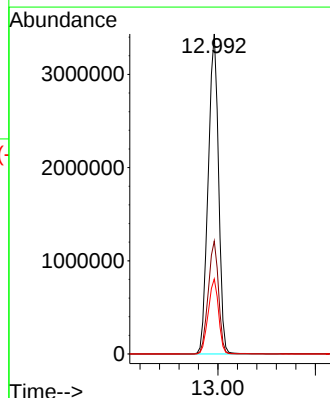
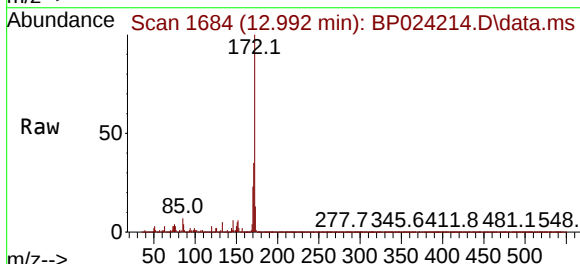
Tgt Ion:172 Resp: 5055664

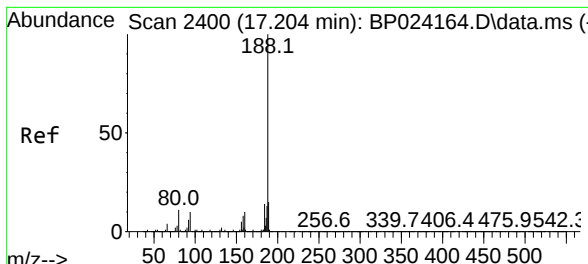
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.4



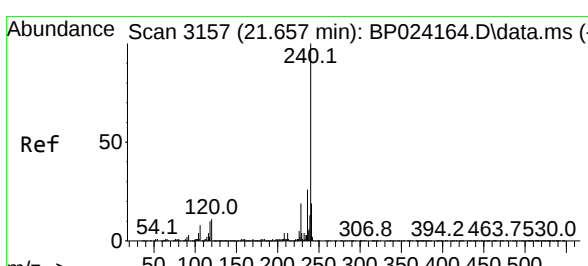
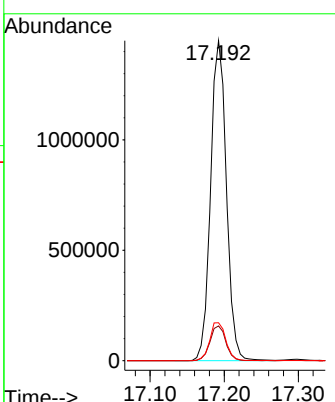
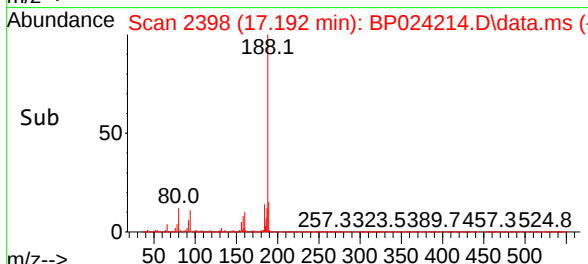
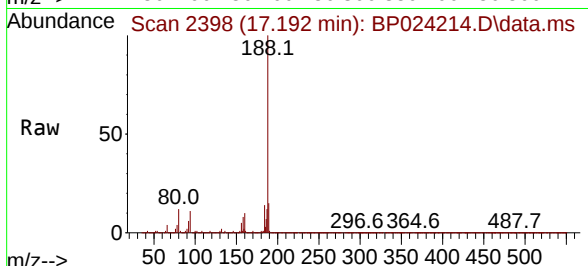


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.192 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024214.D
 Acq: 08 Apr 2025 15:45

Instrument : BNA_P
 ClientSampleId : OU4-VSL-15-040325

Tgt Ion:188 Resp: 2144376

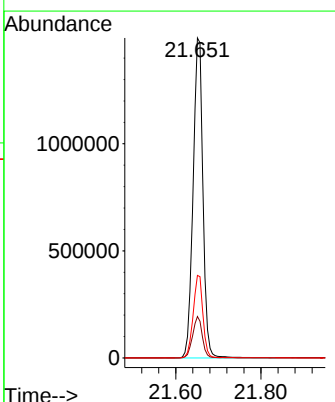
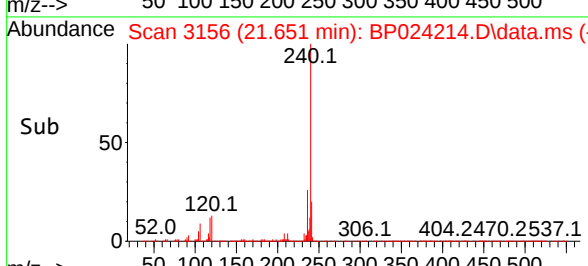
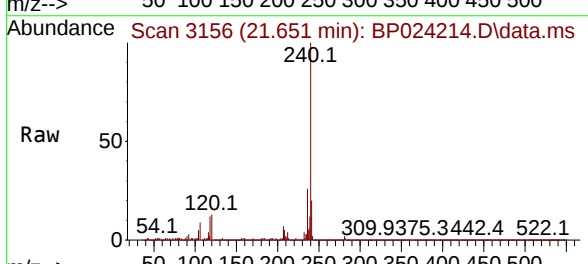
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	11.9	8.9	13.3

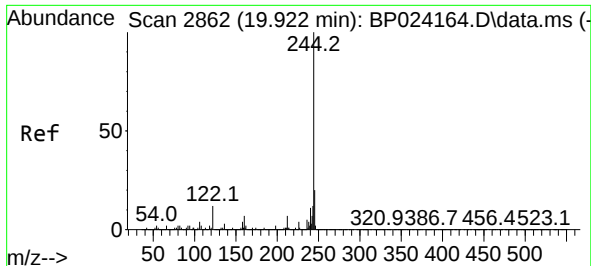


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.651 min Scan# 3156
 Delta R.T. -0.006 min
 Lab File: BP024214.D
 Acq: 08 Apr 2025 15:45

Tgt Ion:240 Resp: 2389803

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.2	13.8
236	25.8	20.4	30.6

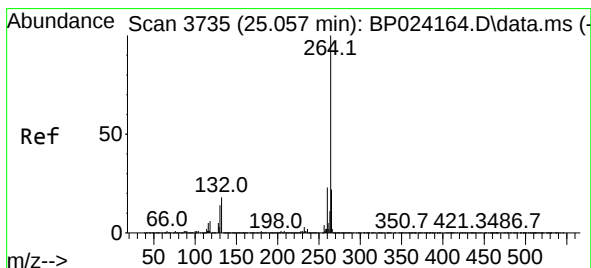
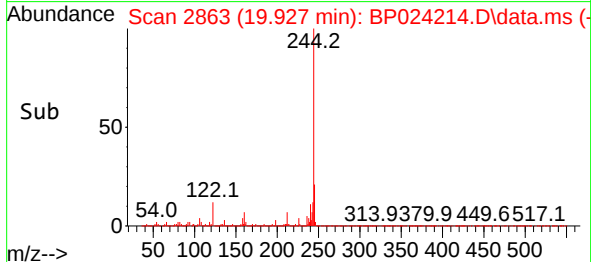
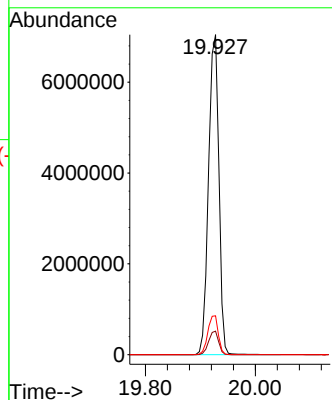
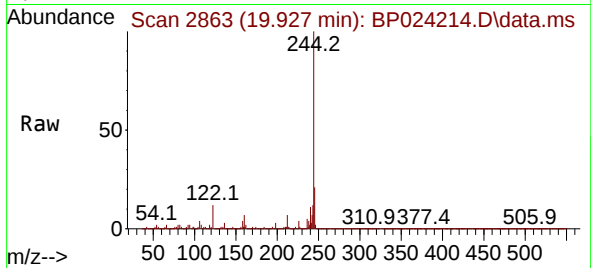




#79
 Terphenyl-d14
 Concen: 79.351 ng
 RT: 19.927 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024214.D
 Acq: 08 Apr 2025 15:45

Instrument :
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 OU4-VSL-15-040325

Tgt Ion:244 Resp: 9186658
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 12.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.033 min Scan# 3731
 Delta R.T. -0.024 min
 Lab File: BP024214.D
 Acq: 08 Apr 2025 15:45

Tgt Ion:264 Resp: 2460085
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.1 17.7 26.5

