

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)

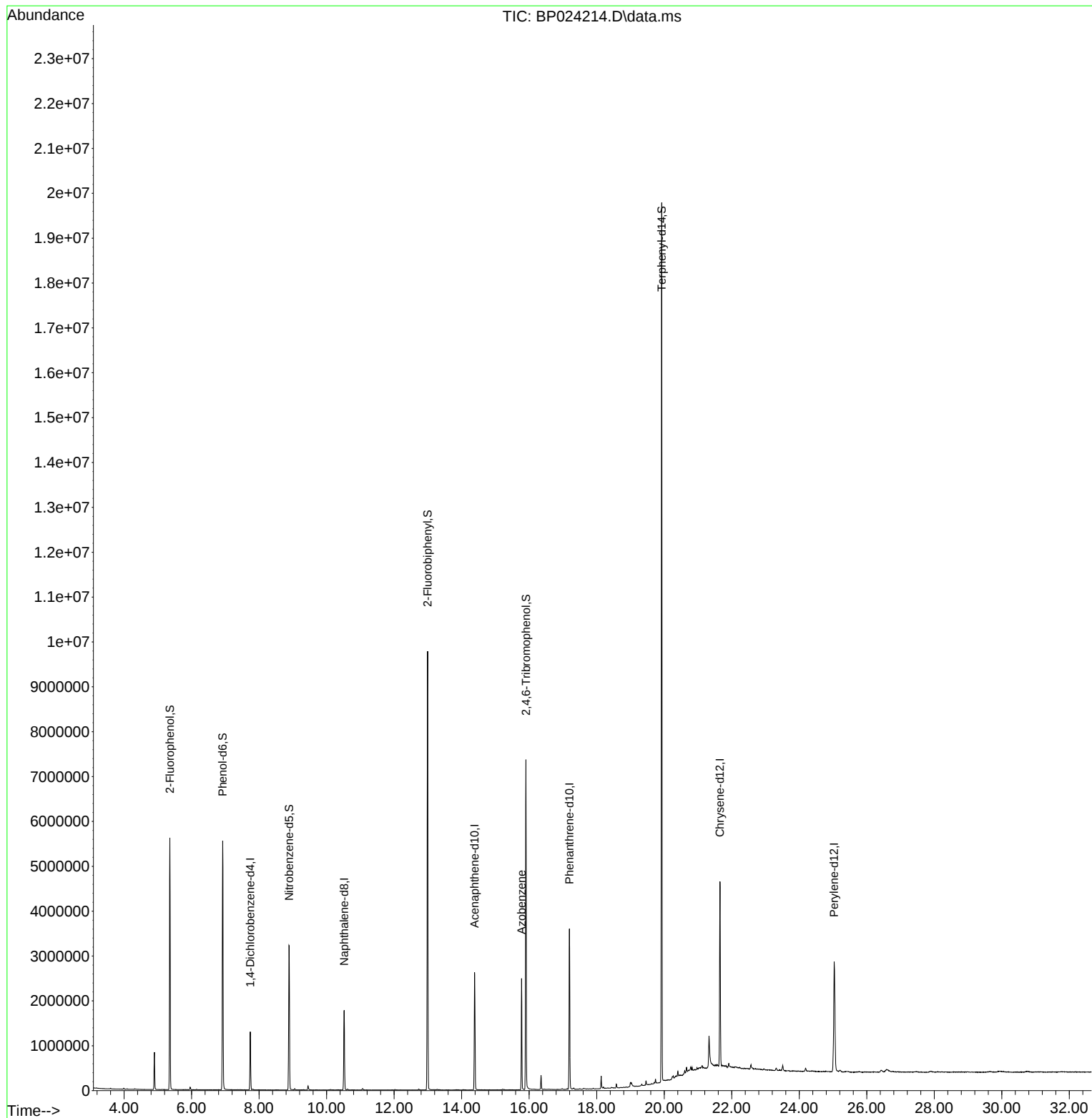
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	355993	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1507529	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	1005040	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	2144376	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	2389803	20.000	ng	0.00
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						
63) Azobenzene	15.775	77	649643	9.842	ng	Qvalue # 1

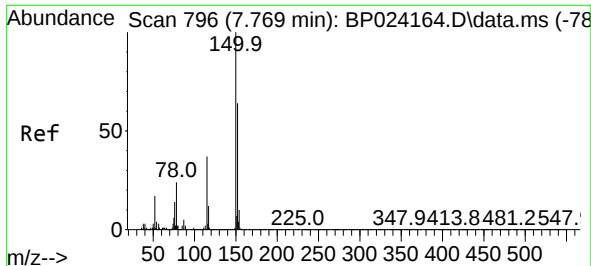
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

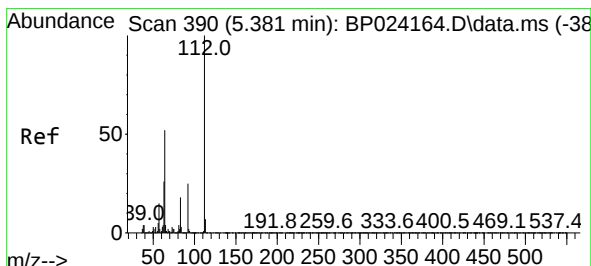
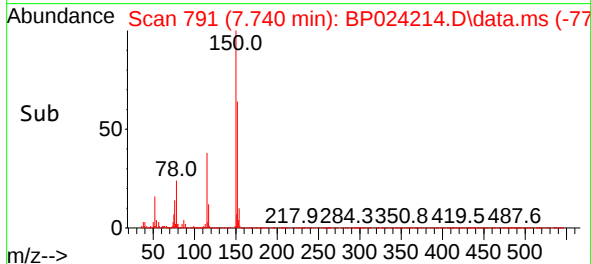
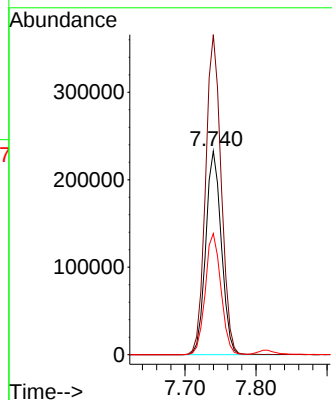
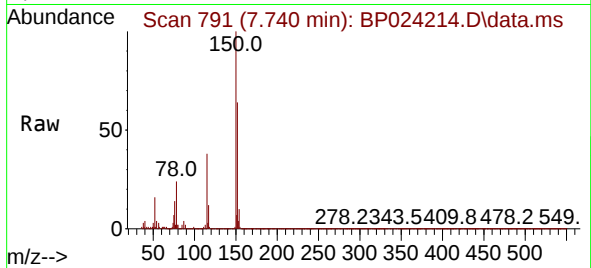




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 796
 Delta R.T. -0.029 min
 Lab File: BP024214.D
 Acq: 08 Apr 2025 15:45

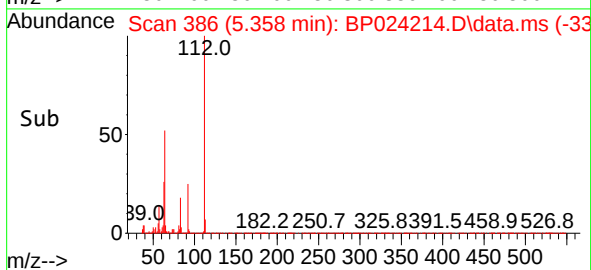
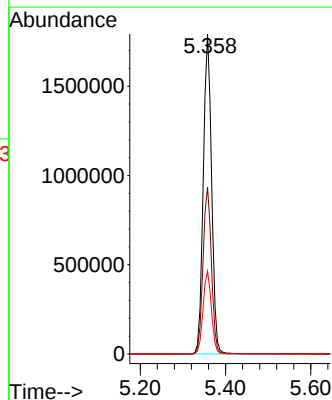
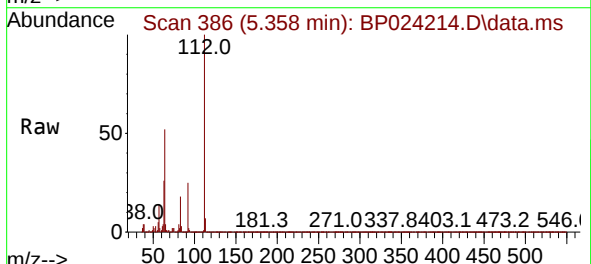
Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325

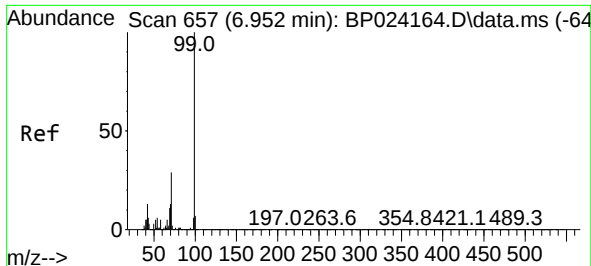
Tgt Ion:152 Resp: 355993
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.5 188.3
 115 59.5 46.3 69.5



#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

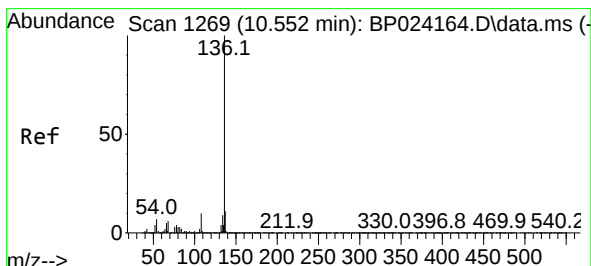
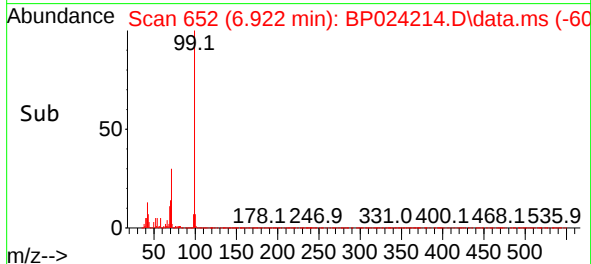
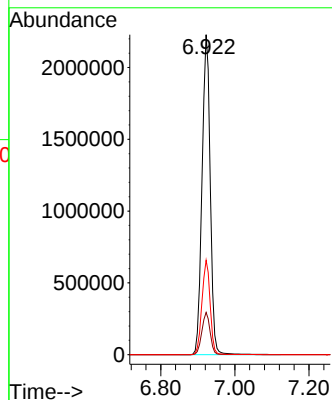
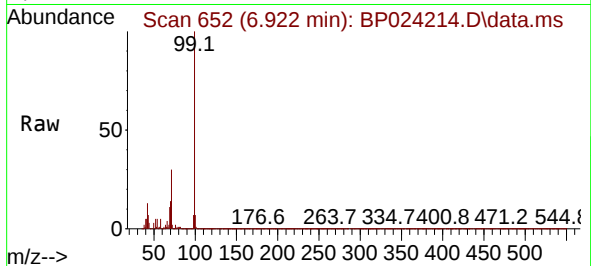




#7
Phenol-d6
Concen: 114.566 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

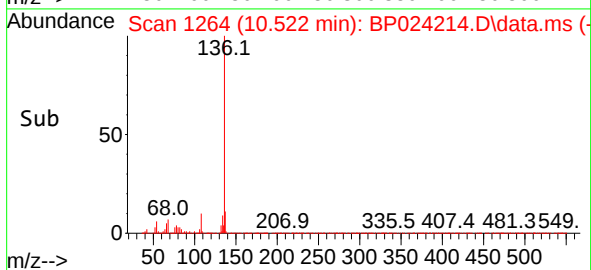
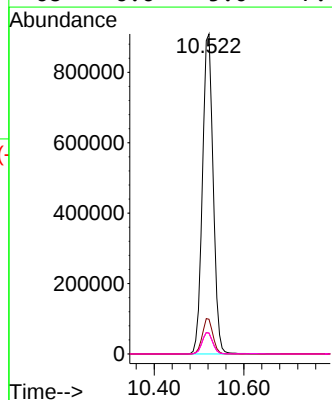
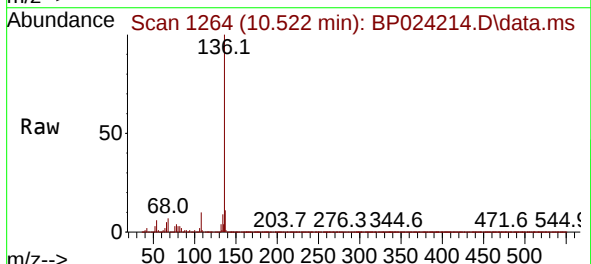
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

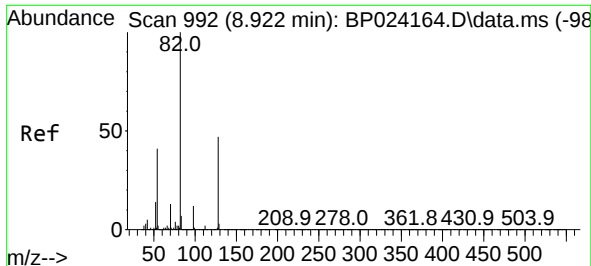
Tgt Ion: 99 Resp: 3416670
Ion Ratio Lower Upper
99 100
42 13.2 10.6 16.0
71 29.5 23.3 34.9



#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

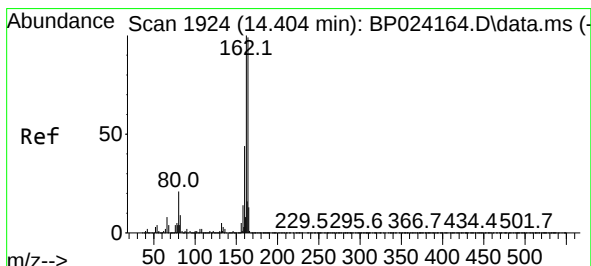
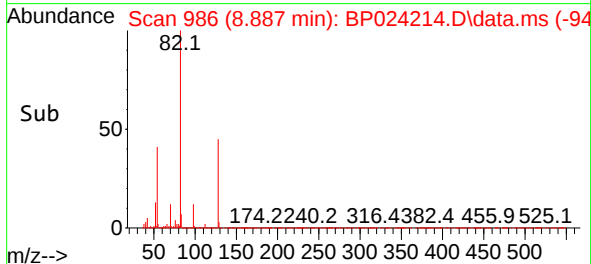
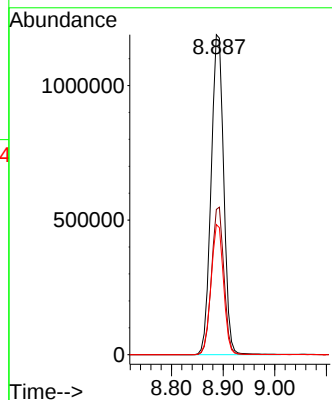
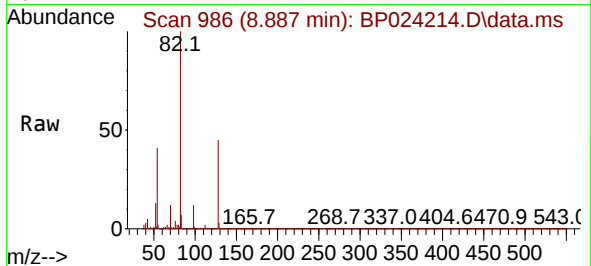




#23
Nitrobenzene-d5
Concen: 75.490 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

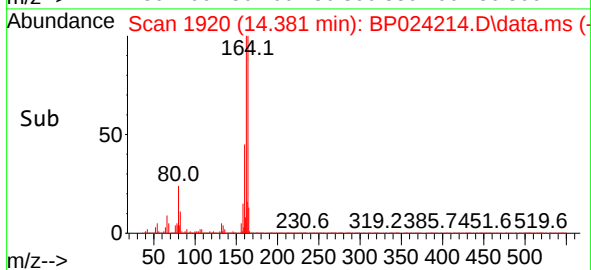
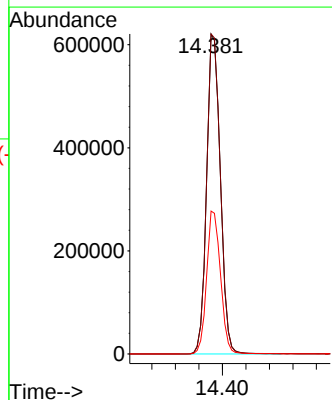
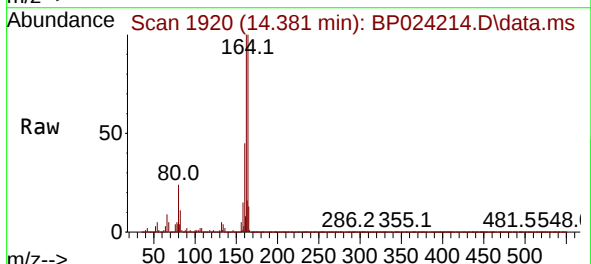
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

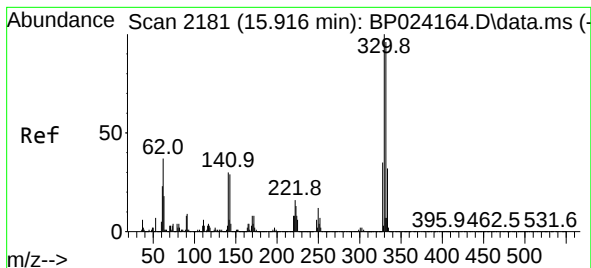
Tgt Ion: 82 Resp: 2017049
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.0
54 40.7 32.5 48.7



#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

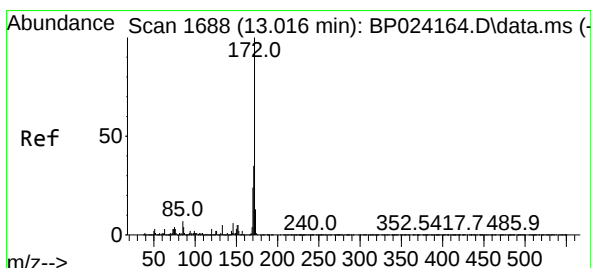
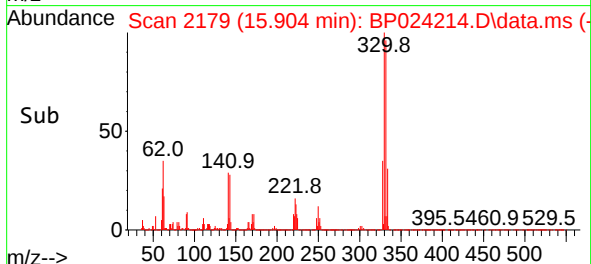
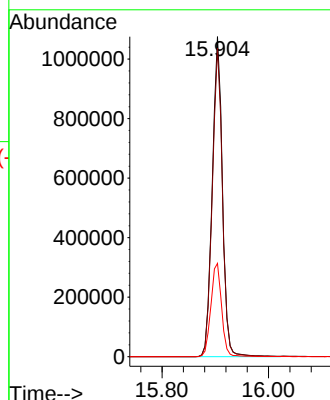
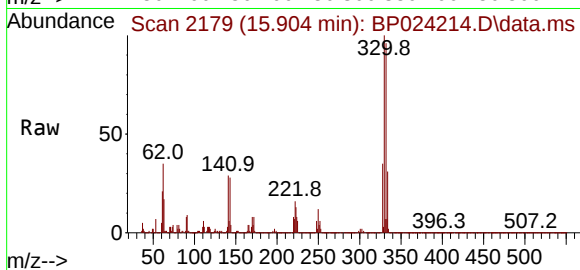
Tgt Ion:330 Resp: 1426698

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

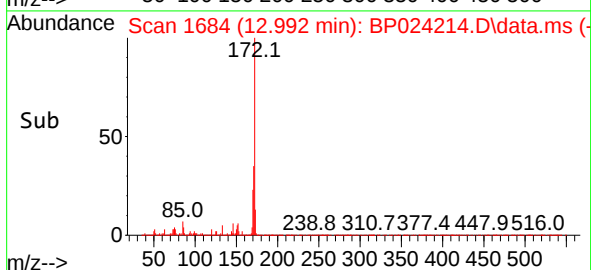
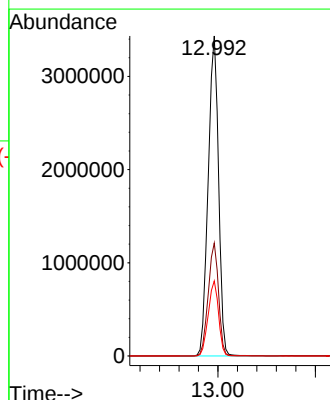
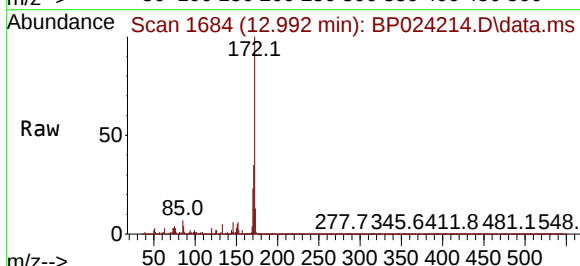
Tgt Ion:172 Resp: 5055664

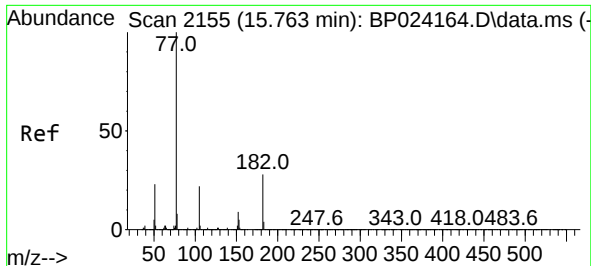
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.4

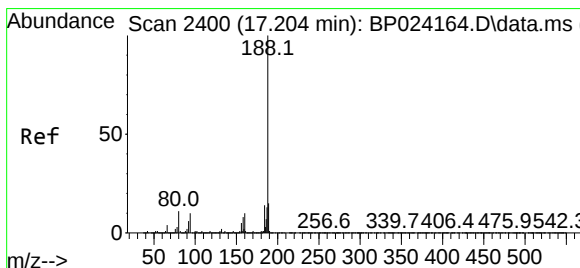
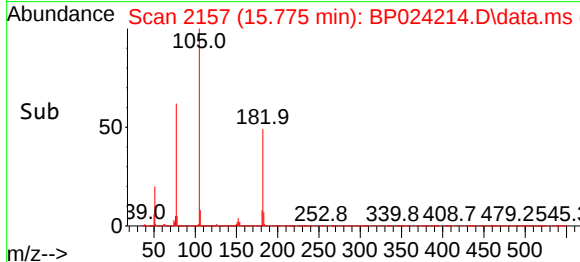
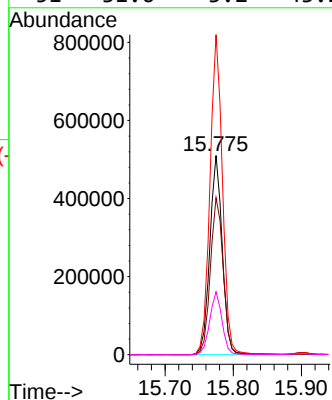
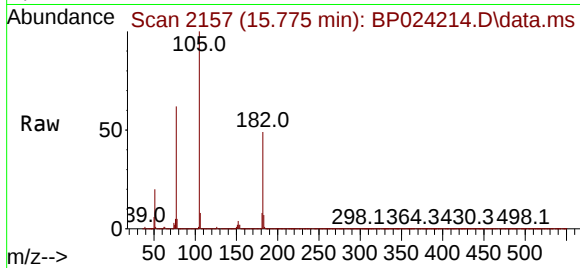




#63
Azobenzene
Concen: 9.842 ng
RT: 15.775 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

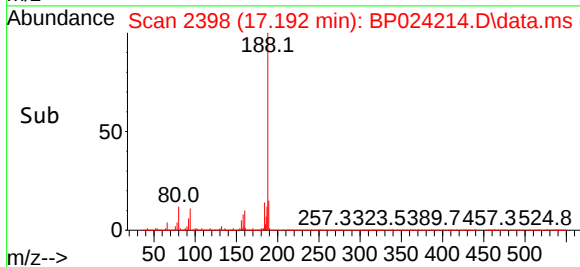
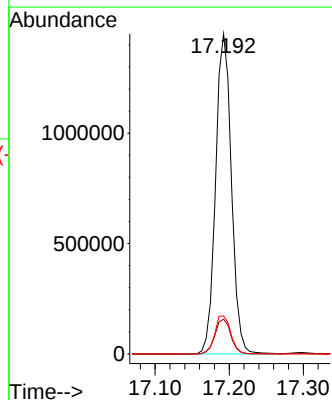
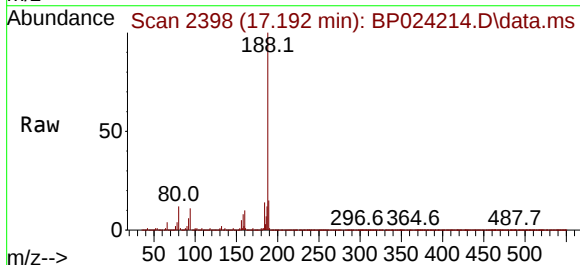
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

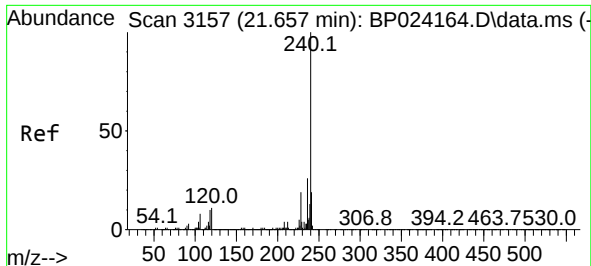
Tgt Ion: 77 Resp: 649643
Ion Ratio Lower Upper
77 100
182 78.8 7.7 47.7#
105 160.7 2.3 42.3#
51 31.6 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

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

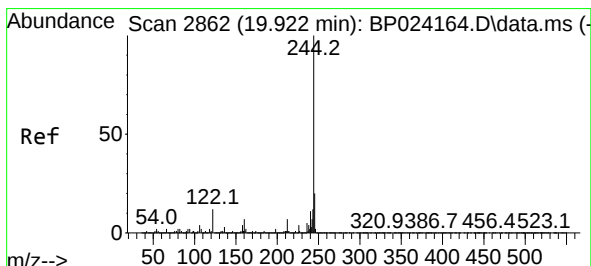
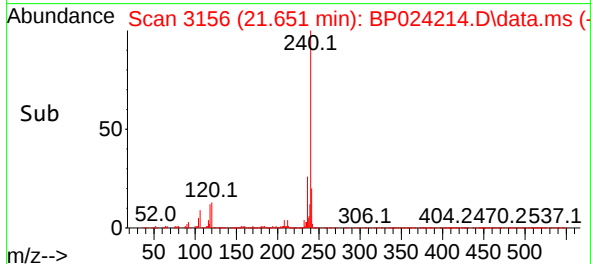
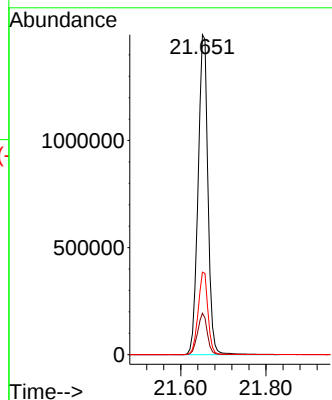
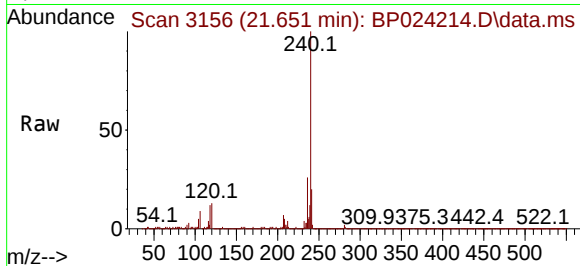




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

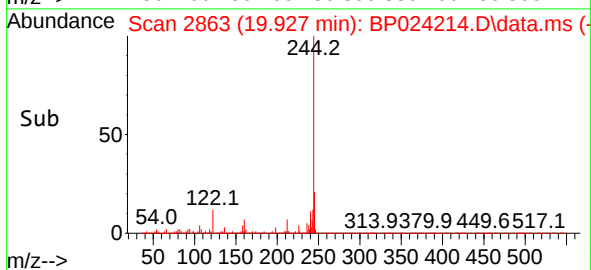
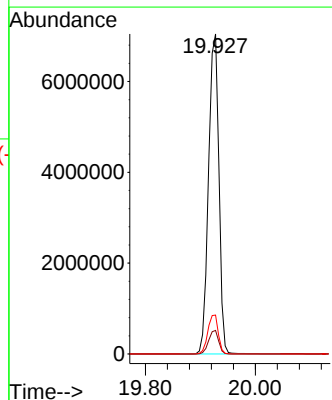
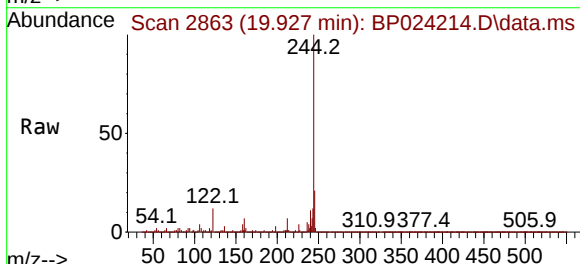
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

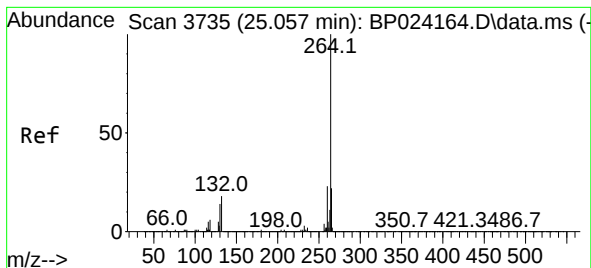
Tgt Ion:240 Resp: 2389803
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 79.351 ng
RT: 19.927 min Scan# 2863
Delta R.T. 0.006 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

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# 31

Delta R.T. -0.024 min

Lab File: BP024214.D

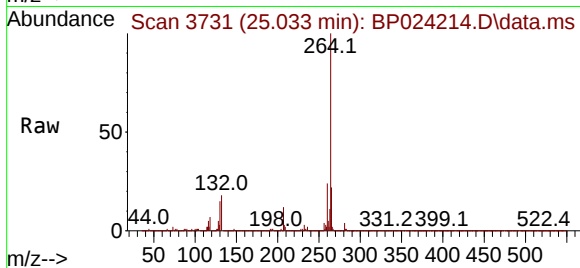
Acq: 08 Apr 2025 15:45

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325



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

