

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024225.D
 Acq On : 08 Apr 2025 23:13
 Operator : RC/JU
 Sample : Q1730-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 09 01:03:55 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)

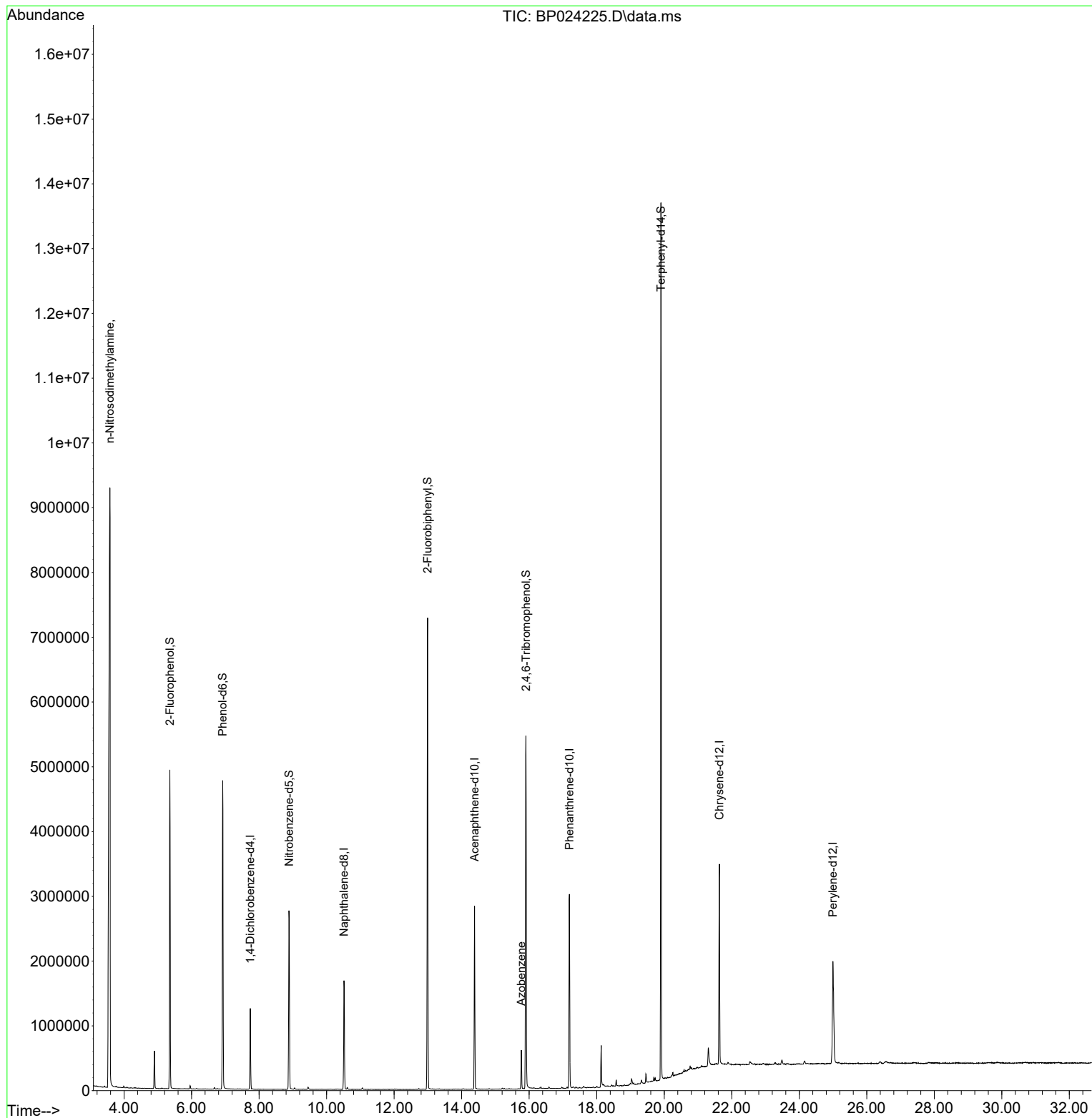
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	330426	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1354281	20.000	ng	-0.04
39) Acenaphthene-d10	14.381	164	859413	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1805839	20.000	ng	-0.01
76) Chrysene-d12	21.633	240	1663406	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1560238	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2167877	104.730	ng	-0.02
7) Phenol-d6	6.922	99	2941230	106.255	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1645233	68.542	ng	-0.04
42) 2,4,6-Tribromophenol	15.904	330	1206693	111.469	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3743948	64.236	ng	-0.02
79) Terphenyl-d14	19.904	244	6419325	79.661	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.581	42	521740	69.631	ng	# 1
63) Azobenzene	15.769	77	168048	2.977	ng	# 1

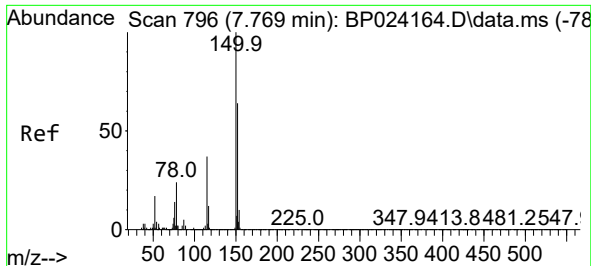
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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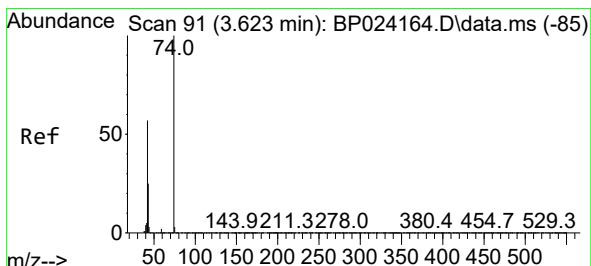
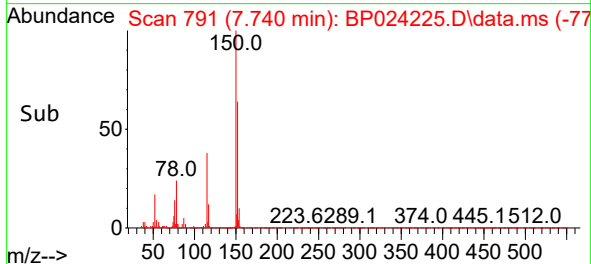
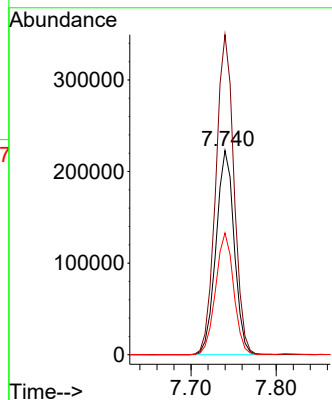
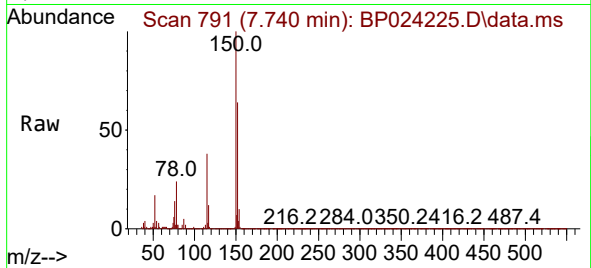




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 79
Delta R.T. -0.029 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

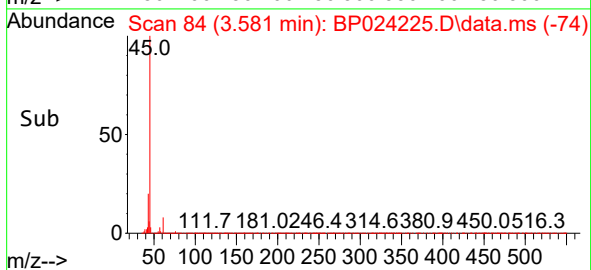
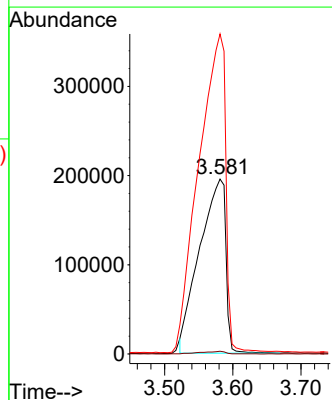
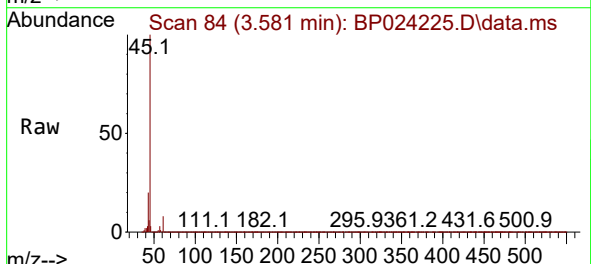
Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

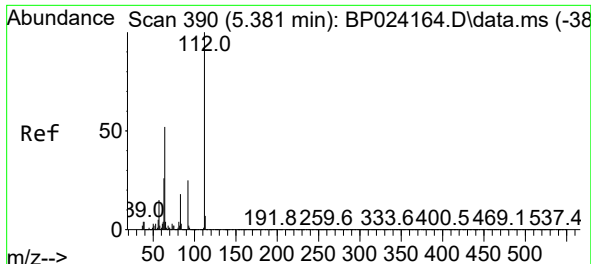
Tgt Ion:152 Resp: 330426
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 59.7 46.3 69.5



#4
n-Nitrosodimethylamine
Concen: 69.631 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.041 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion: 42 Resp: 521740
Ion Ratio Lower Upper
42 100
74 1.5 139.8 209.6#
44 182.9 5.3 7.9#

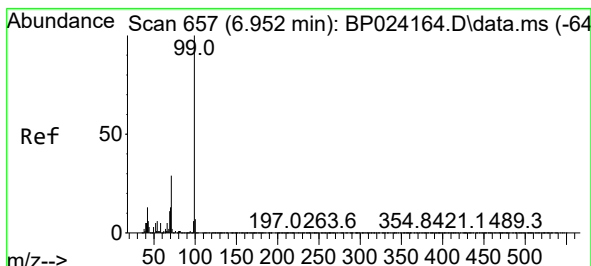
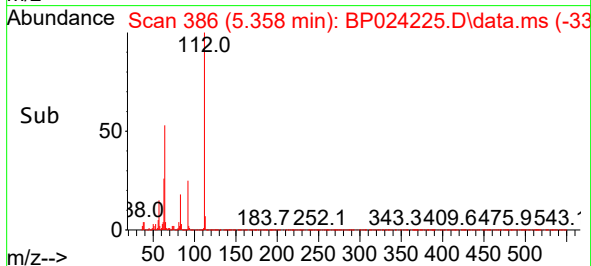
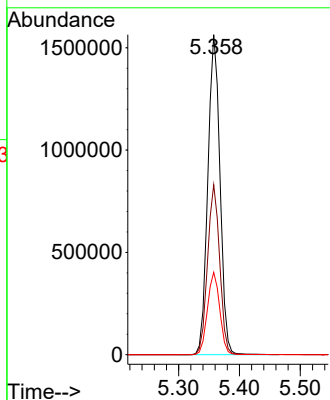
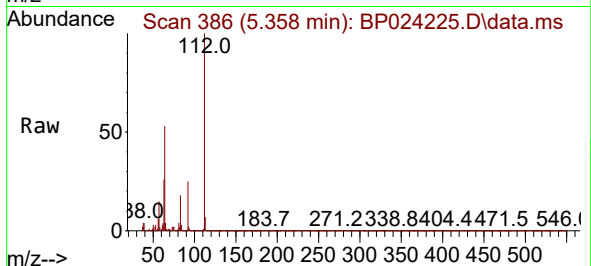




#5
2-Fluorophenol
Concen: 104.730 ng
RT: 5.358 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

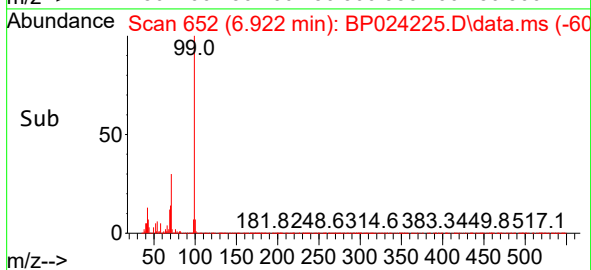
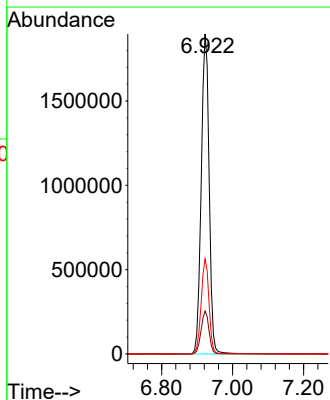
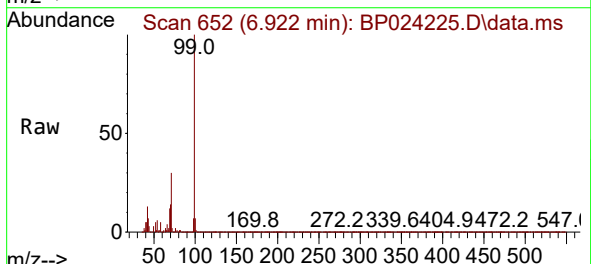
Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

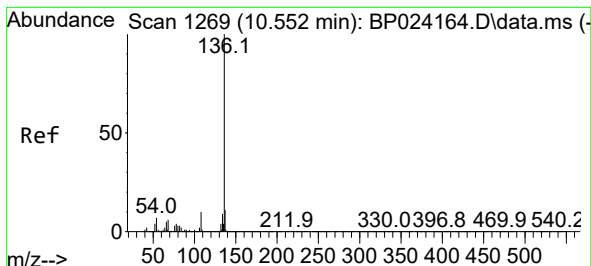
Tgt Ion:112 Resp: 2167877
Ion Ratio Lower Upper
112 100
64 53.1 41.3 61.9
63 25.8 20.6 31.0



#7
Phenol-d6
Concen: 106.255 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.029 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion: 99 Resp: 2941230
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.7 23.3 34.9



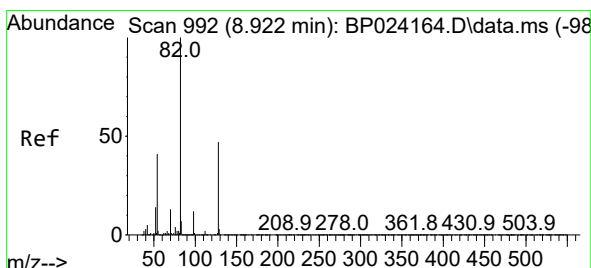
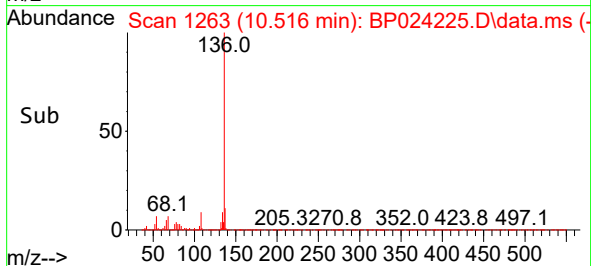
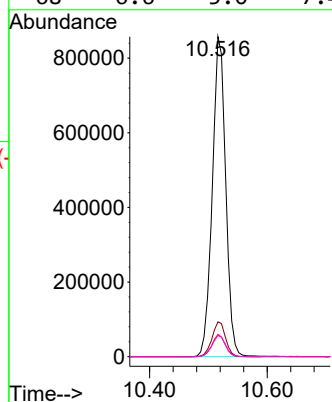
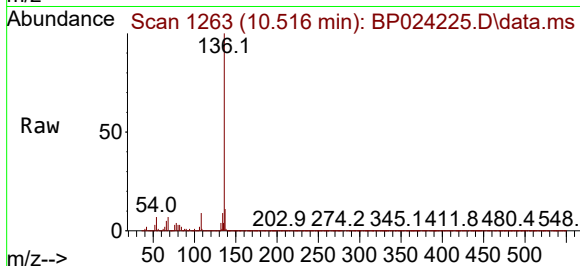


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

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

Tgt Ion:136 Resp: 1354281

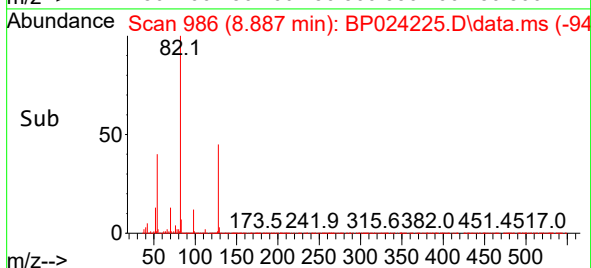
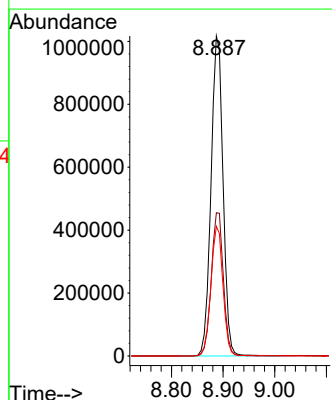
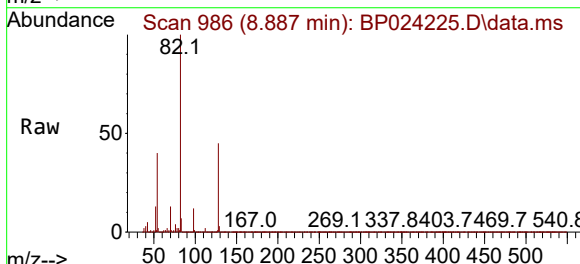
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.3	7.9
68	6.6	5.0	7.4

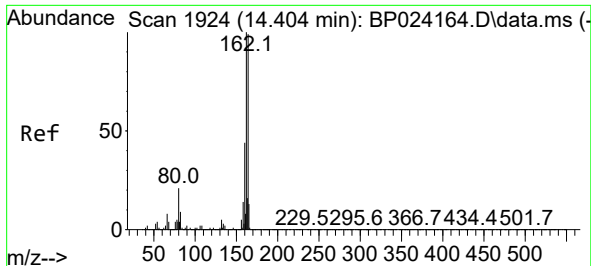


#23
Nitrobenzene-d5
Concen: 68.542 ng
RT: 8.887 min Scan# 986
Delta R.T. -0.035 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion: 82 Resp: 1645233

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.4	56.0
54	40.5	32.5	48.7

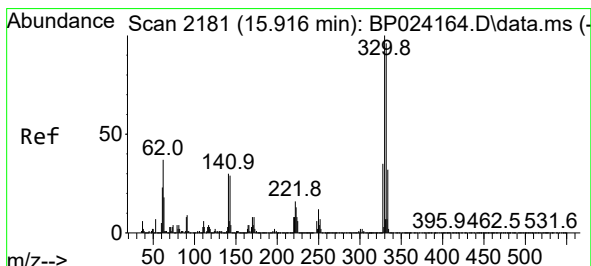
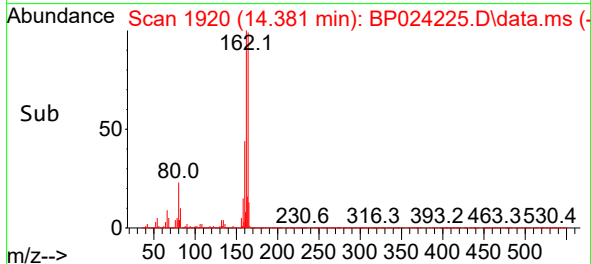
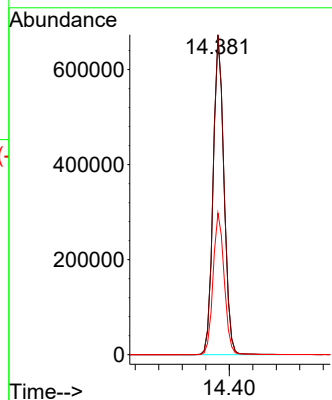
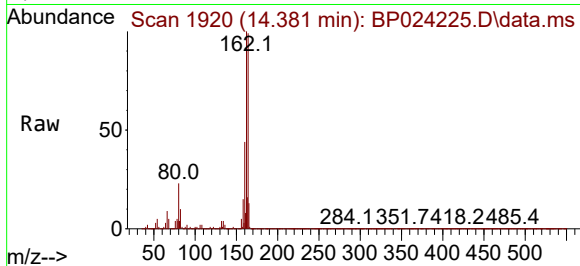




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

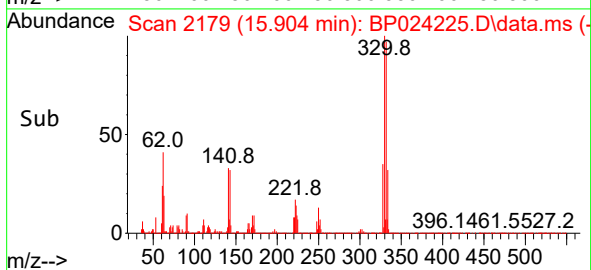
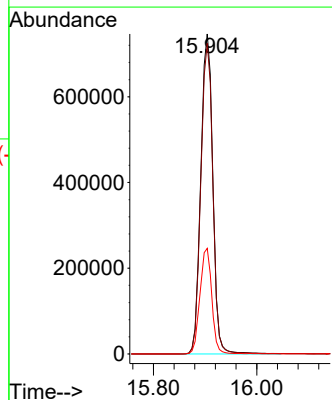
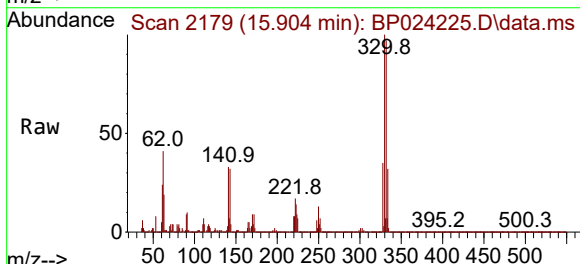
Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

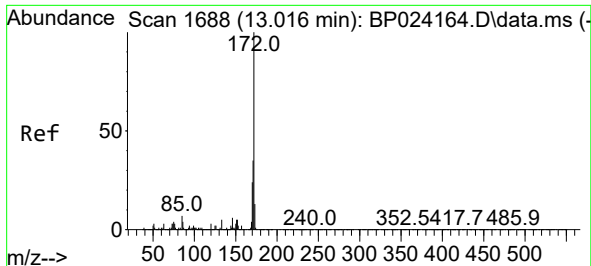
Tgt Ion:164 Resp: 859413
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 44.6 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 111.469 ng
RT: 15.904 min Scan# 2179
Delta R.T. -0.012 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion:330 Resp: 1206693
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 32.6 25.0 37.6

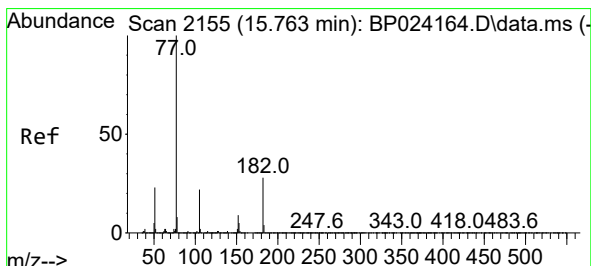
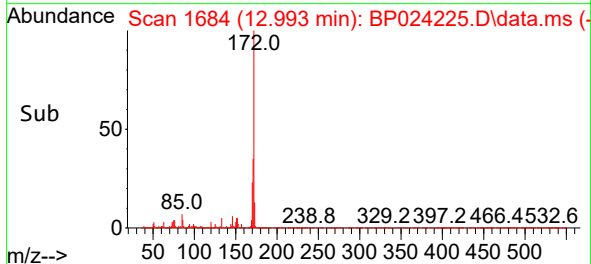
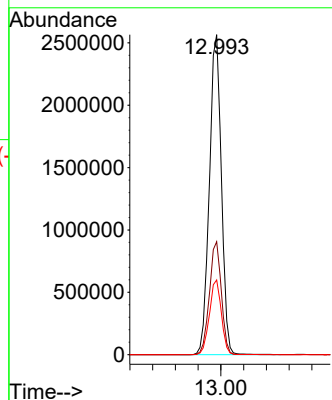
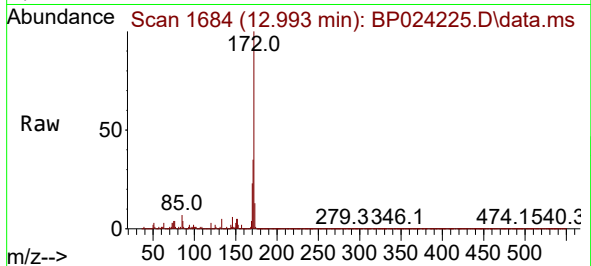




#45
2-Fluorobiphenyl
Concen: 64.236 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

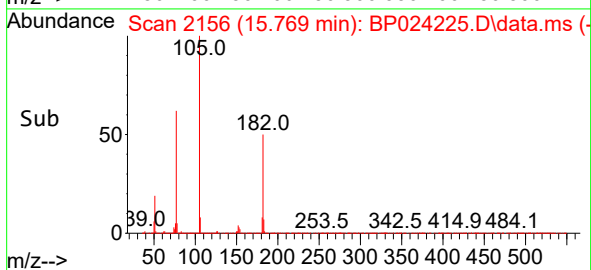
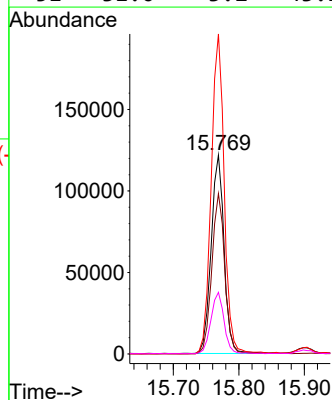
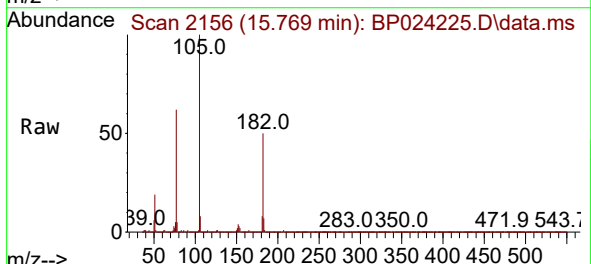
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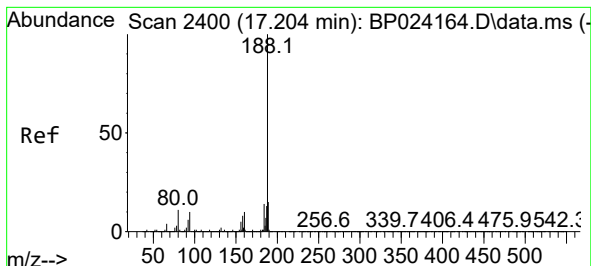
Tgt Ion:172 Resp: 3743948
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 19.0 28.4



#63
Azobenzene
Concen: 2.977 ng
RT: 15.769 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion: 77 Resp: 168048
Ion Ratio Lower Upper
77 100
182 80.6 7.7 47.7#
105 161.0 2.3 42.3#
51 31.0 3.2 43.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024225.D

Acq: 08 Apr 2025 23:13

Instrument :

BNA_P

ClientSampleId :

OU4-CF-15-040325

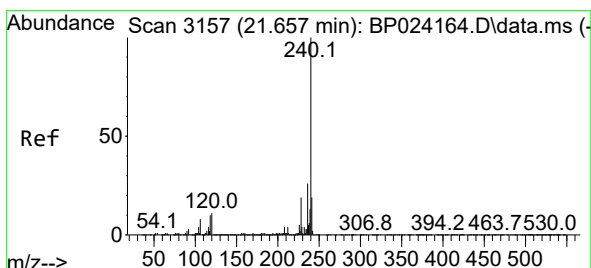
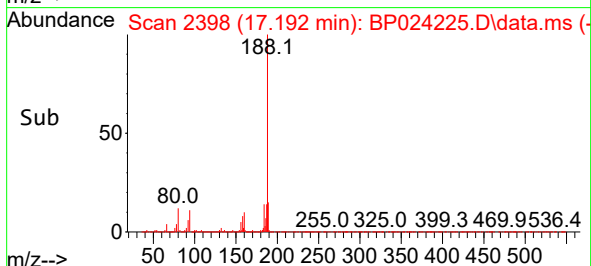
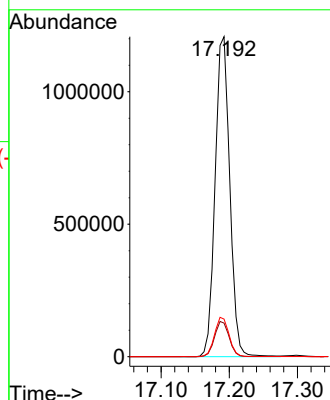
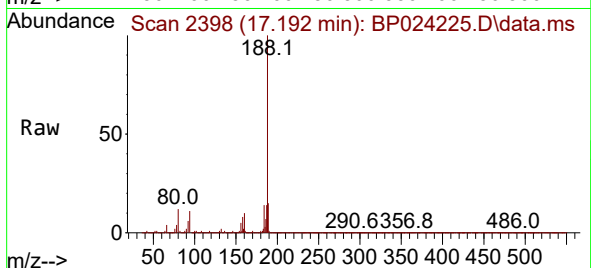
Tgt Ion:188 Resp: 1805839

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 11.7 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3153

Delta R.T. -0.024 min

Lab File: BP024225.D

Acq: 08 Apr 2025 23:13

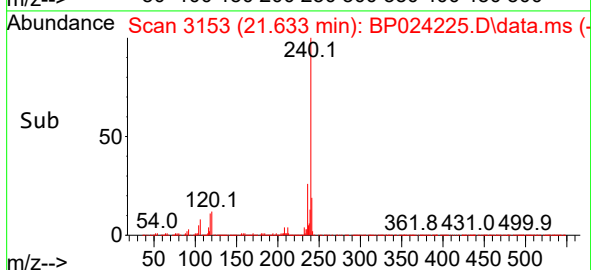
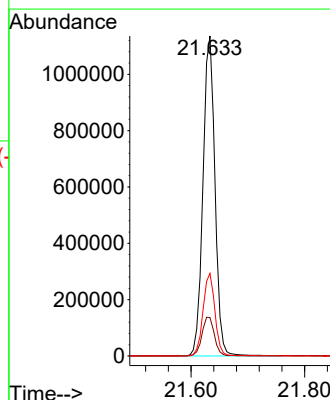
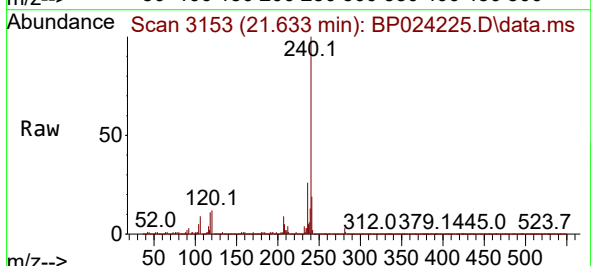
Tgt Ion:240 Resp: 1663406

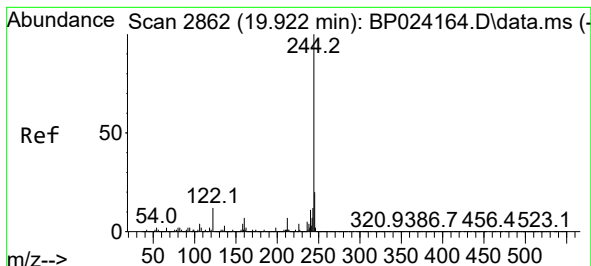
Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 79.661 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024225.D

Acq: 08 Apr 2025 23:13

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OU4-CF-15-040325

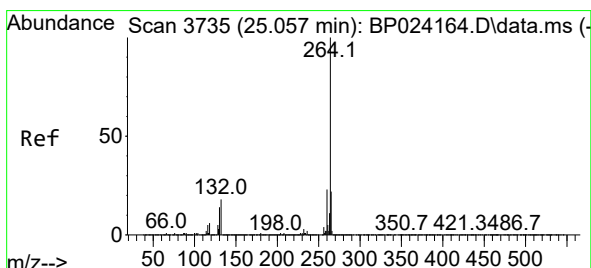
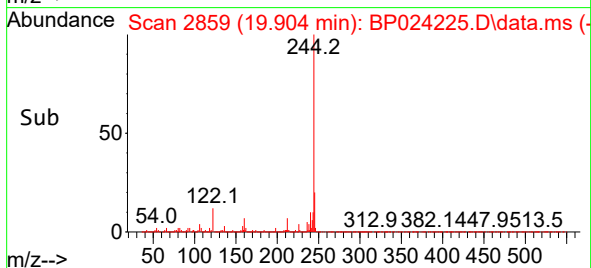
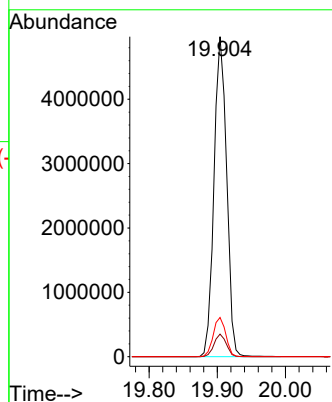
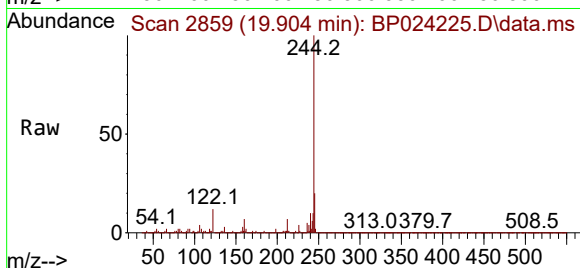
Tgt Ion:244 Resp: 6419325

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.2 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3725

Delta R.T. -0.059 min

Lab File: BP024225.D

Acq: 08 Apr 2025 23:13

Tgt Ion:264 Resp: 1560238

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.0 17.7 26.5

