

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024472.D
 Acq On : 30 Apr 2025 14:05
 Operator : RC/JU
 Sample : Q1875-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AUD-25-0053

Quant Time: Apr 30 14:30:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

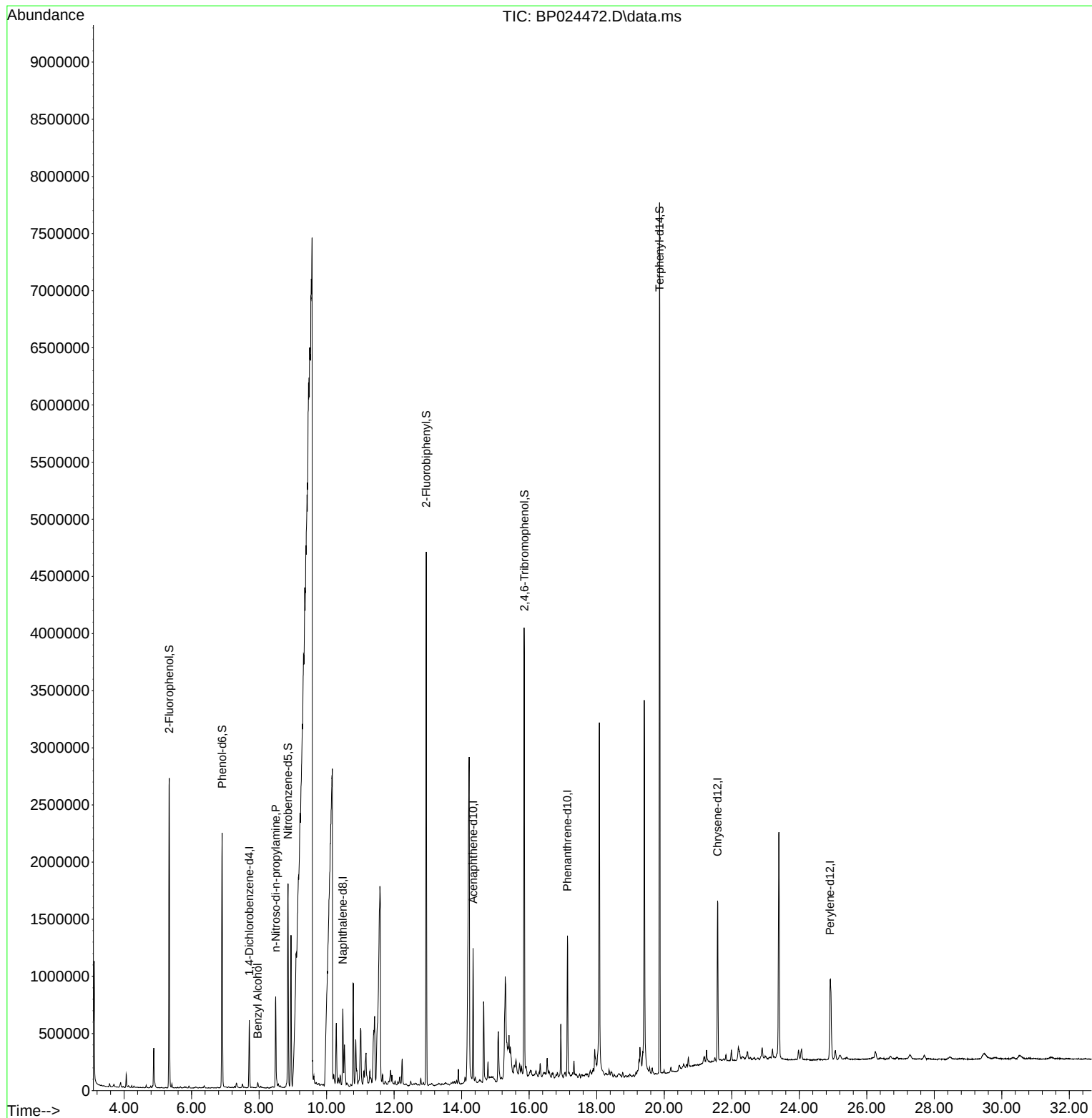
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	154960	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	574993	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	369803	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	730756	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	853041	20.000	ng	-0.01
86) Perylene-d12	24.915	264	869771	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1185587	126.505	ng	0.00
7) Phenol-d6	6.905	99	1314042	102.398	ng	0.00
23) Nitrobenzene-d5	8.857	82	999352	99.104	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	858047	167.705	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2130323	88.203	ng	-0.01
79) Terphenyl-d14	19.863	244	3854661	91.081	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.958	79	17331	2.088	ng	Qvalue 94
19) n-Nitroso-di-n-propyla...	8.493	70	27258	3.433	ng	# 75

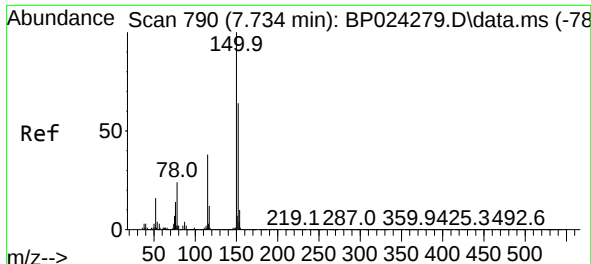
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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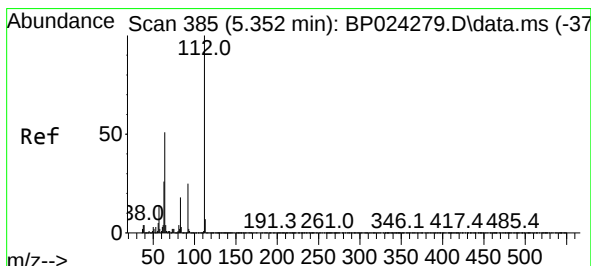
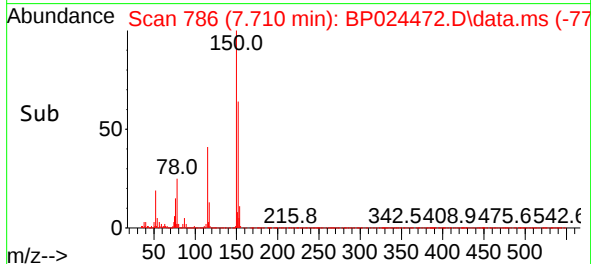
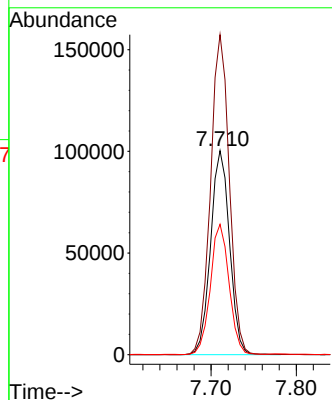
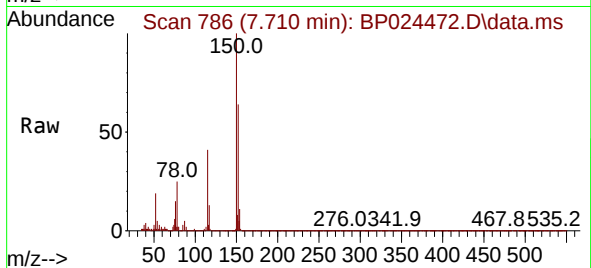




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024472.D
 Acq: 30 Apr 2025 14:05

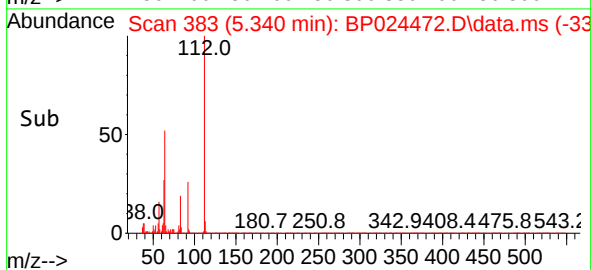
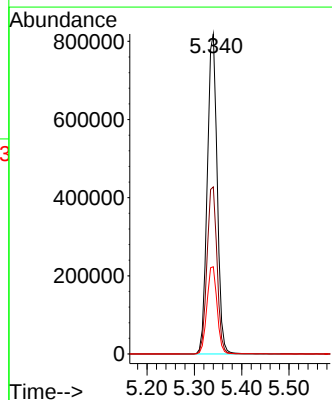
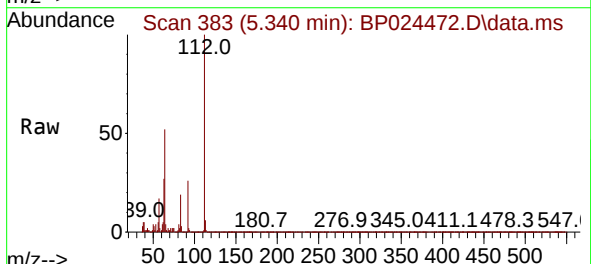
Instrument :
 BNA_P
 ClientSampleId :
 AUD-25-0053

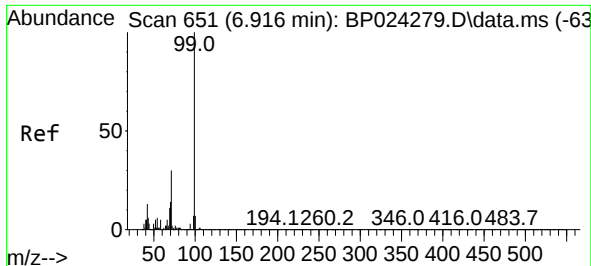
Tgt Ion:152 Resp: 154960
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.9 187.3
 115 64.0 47.7 71.5



#5
 2-Fluorophenol
 Concen: 126.505 ng
 RT: 5.340 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: BP024472.D
 Acq: 30 Apr 2025 14:05

Tgt Ion:112 Resp: 1185587
 Ion Ratio Lower Upper
 112 100
 64 52.2 41.1 61.7
 63 27.3 20.6 30.8

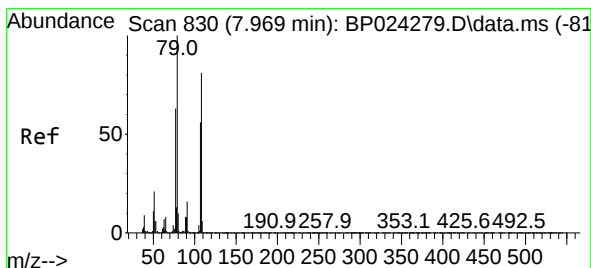
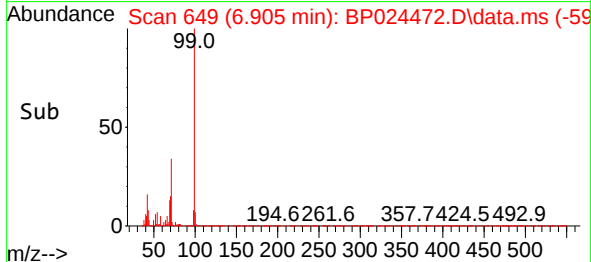
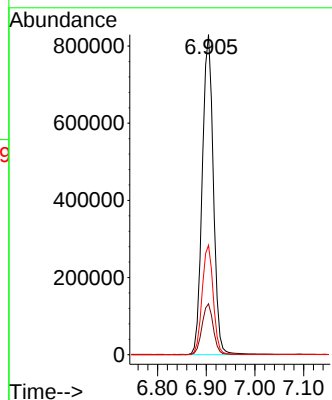
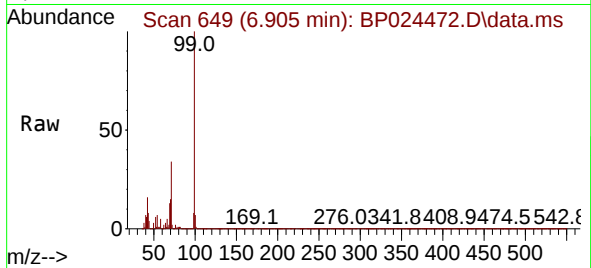




#7
Phenol-d6
Concen: 102.398 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024472.D
Acq: 30 Apr 2025 14:05

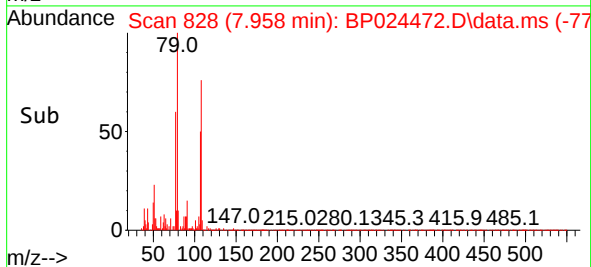
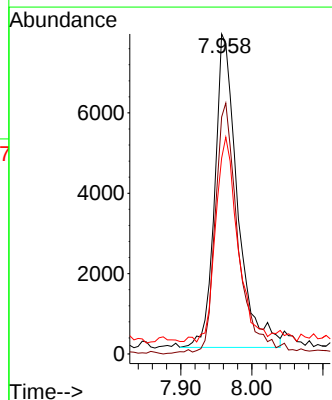
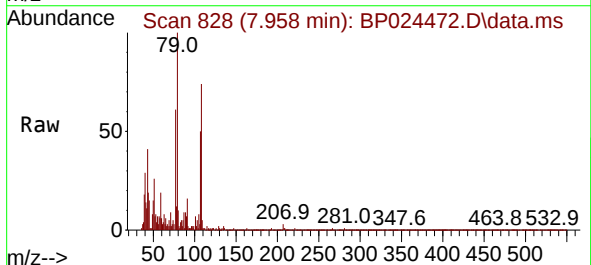
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

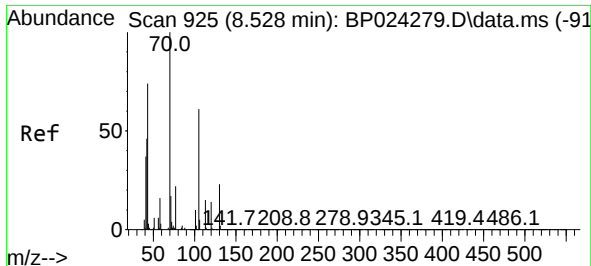
Tgt Ion: 99 Resp: 1314042
Ion Ratio Lower Upper
99 100
42 15.9 10.6 16.0
71 34.2 23.7 35.5



#15
Benzyl Alcohol
Concen: 2.088 ng
RT: 7.958 min Scan# 828
Delta R.T. -0.006 min
Lab File: BP024472.D
Acq: 30 Apr 2025 14:05

Tgt Ion: 79 Resp: 17331
Ion Ratio Lower Upper
79 100
108 74.0 65.1 97.7
77 61.2 50.7 76.1

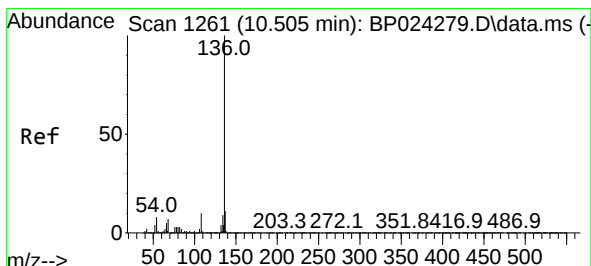
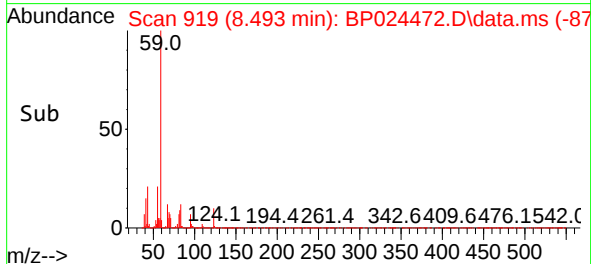
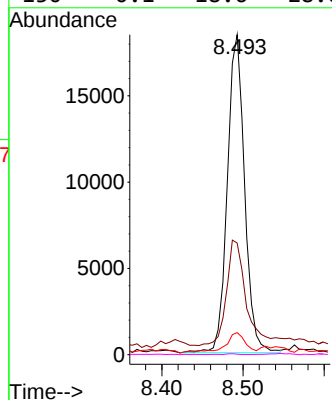
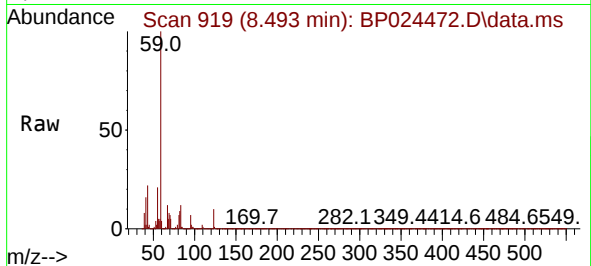




#19
n-Nitroso-di-n-propylamine
Concen: 3.433 ng
RT: 8.493 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP024472.D
Acq: 30 Apr 2025 14:05

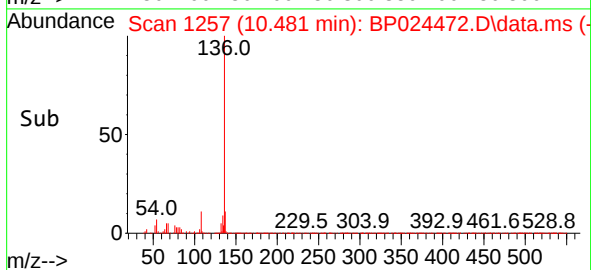
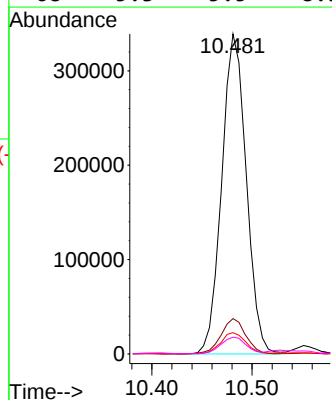
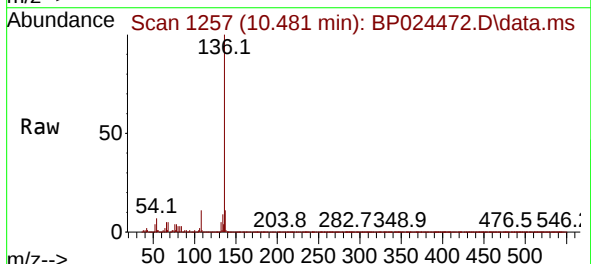
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

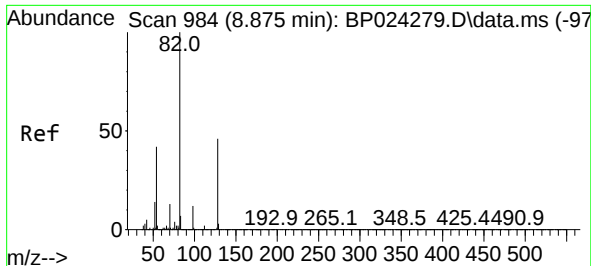
Tgt Ion: 70	Resp: 27258
Ion Ratio	Lower Upper
70 100	
42 34.9	37.3 55.9#
101 6.9	8.2 12.4#
130 0.1	18.6 28.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024472.D
Acq: 30 Apr 2025 14:05

Tgt	Ion:136	Resp:	574993
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.7	6.0	9.0
68	5.3	5.5	8.3#

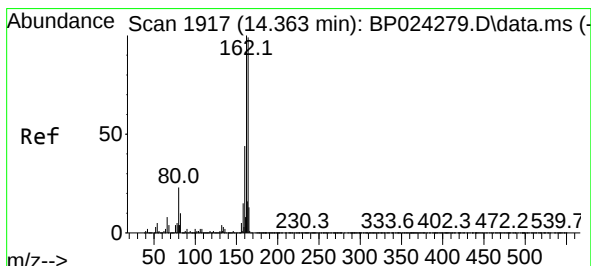
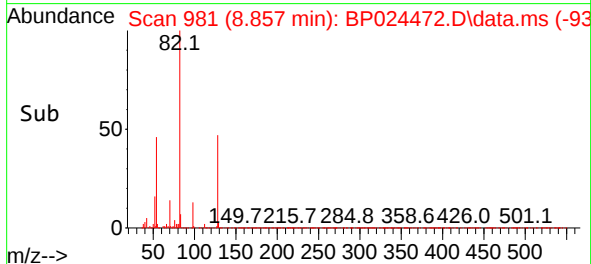
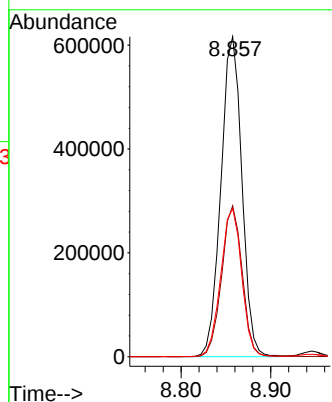
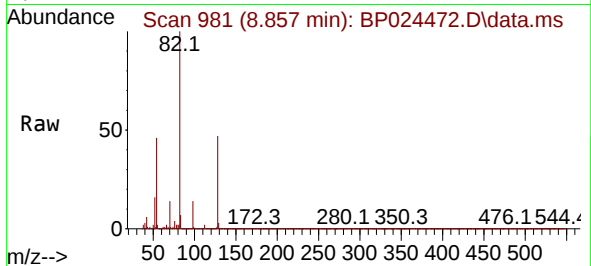




#23
 Nitrobenzene-d5
 Concen: 99.104 ng
 RT: 8.857 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP024472.D
 Acq: 30 Apr 2025 14:05

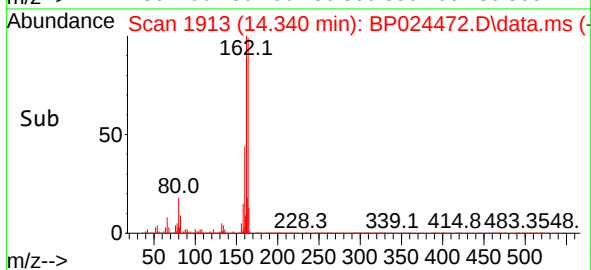
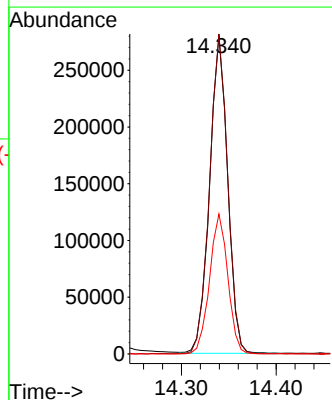
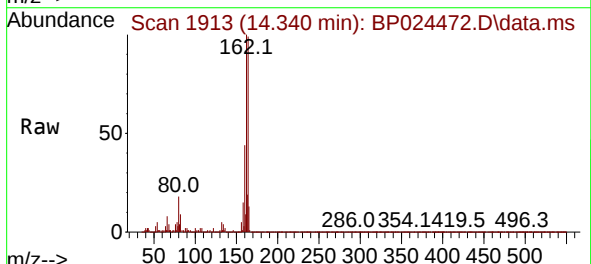
Instrument :
 BNA_P
 ClientSampleId :
 AUD-25-0053

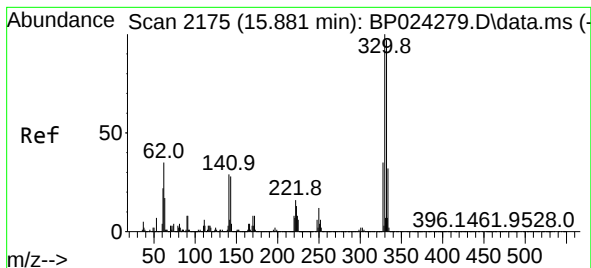
Tgt Ion: 82 Resp: 999352
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.5 54.7
 54 46.3 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.340 min Scan# 1913
 Delta R.T. -0.012 min
 Lab File: BP024472.D
 Acq: 30 Apr 2025 14:05

Tgt Ion:164 Resp: 369803
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.6 120.8
 160 44.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 167.705 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024472.D

Acq: 30 Apr 2025 14:05

Instrument :

BNA_P

ClientSampleId :

AUD-25-0053

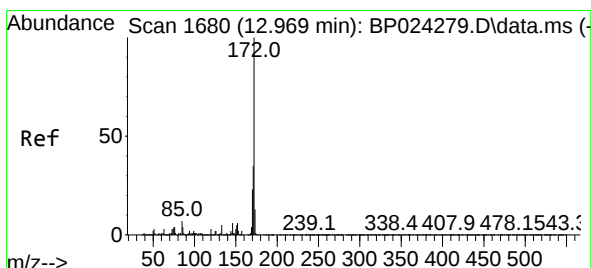
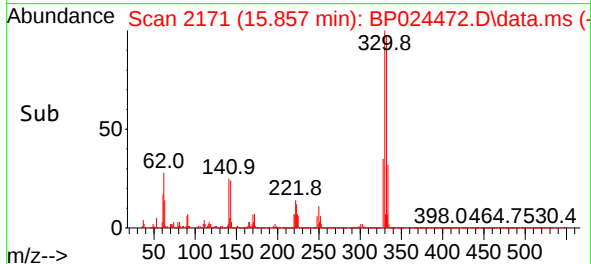
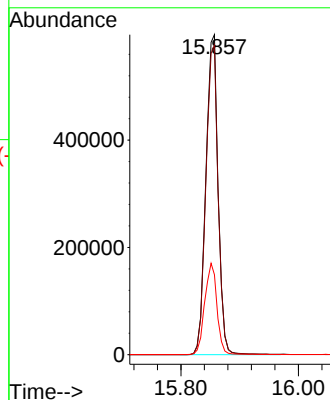
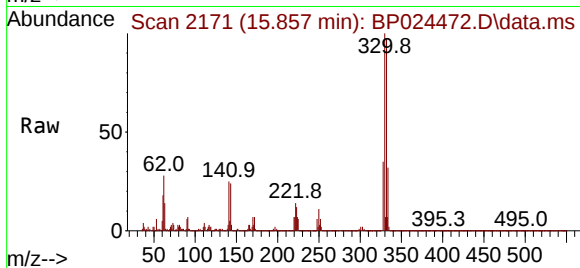
Tgt Ion:330 Resp: 858047

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 28.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 88.203 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024472.D

Acq: 30 Apr 2025 14:05

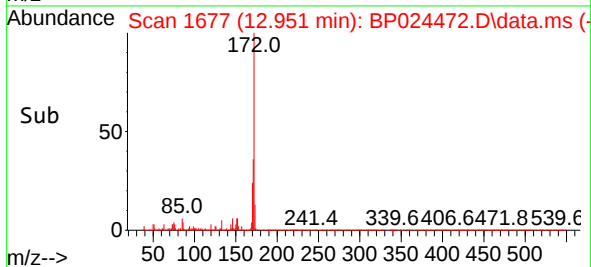
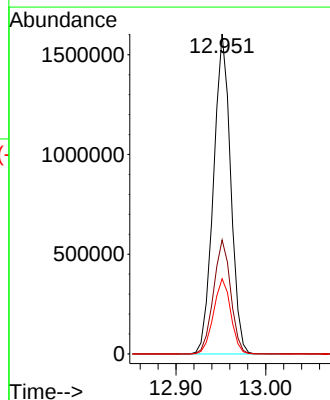
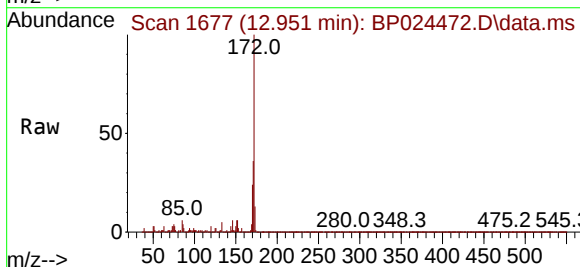
Tgt Ion:172 Resp: 2130323

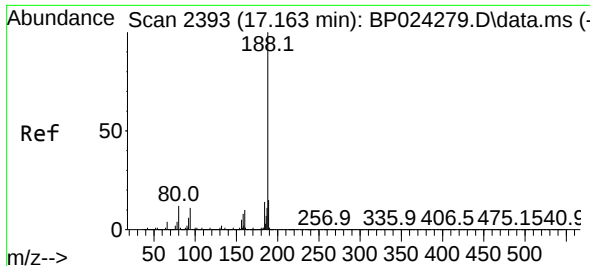
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.5 18.6 27.8

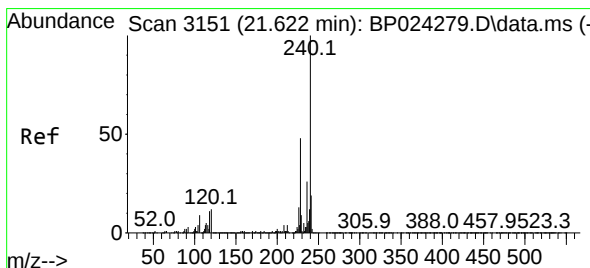
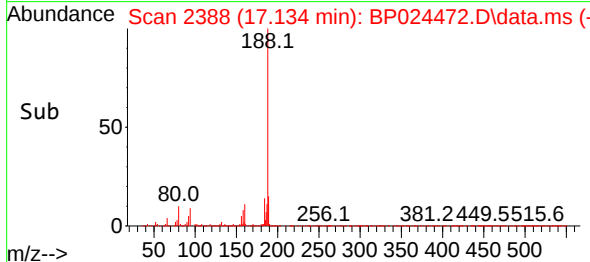
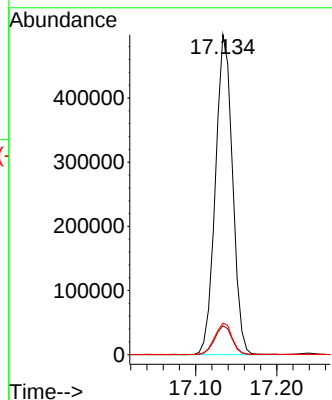
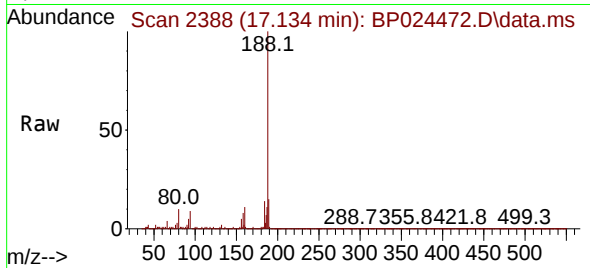




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024472.D
Acq: 30 Apr 2025 14:05

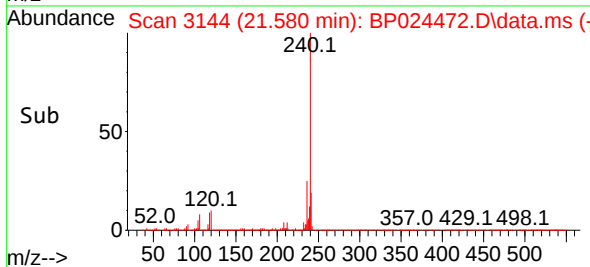
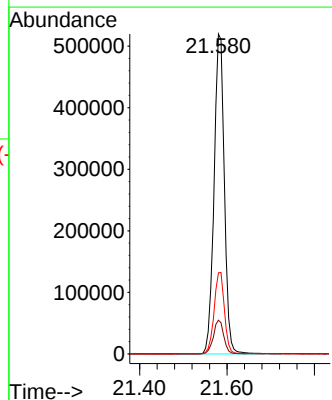
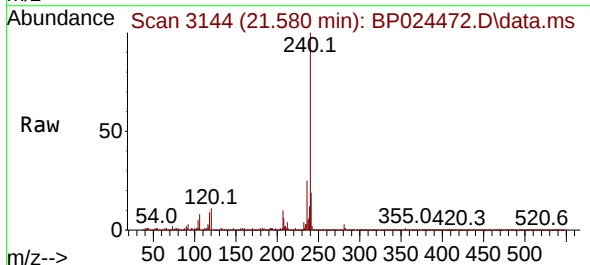
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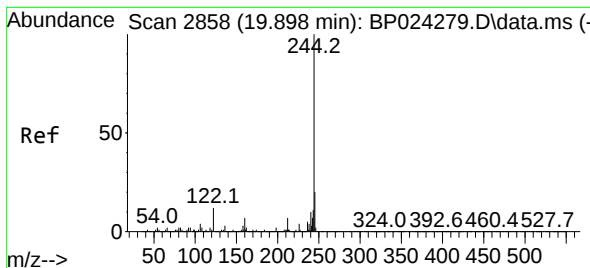
Tgt Ion:188 Resp: 730756
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 9.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024472.D
Acq: 30 Apr 2025 14:05

Tgt Ion:240 Resp: 853041
Ion Ratio Lower Upper
240 100
120 10.6 9.8 14.8
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 91.081 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024472.D

Acq: 30 Apr 2025 14:05

Instrument :

BNA_P

ClientSampleId :

AUD-25-0053

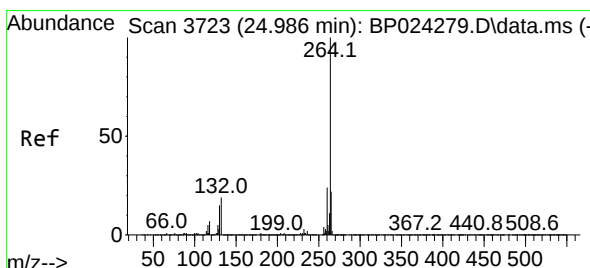
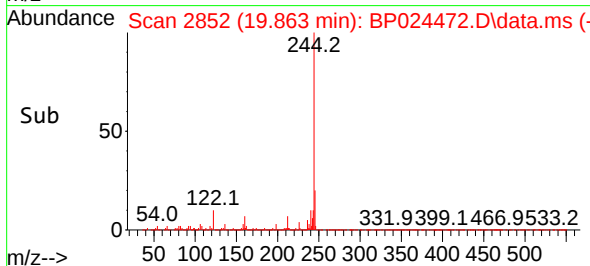
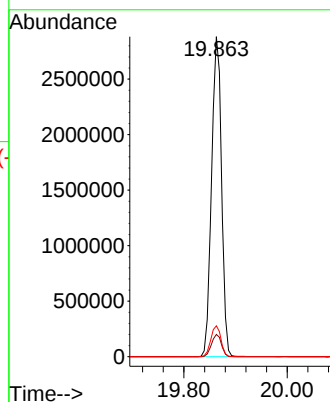
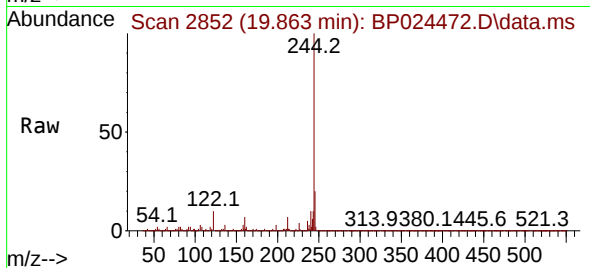
Tgt Ion:244 Resp: 3854661

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.915 min Scan# 3711

Delta R.T. -0.018 min

Lab File: BP024472.D

Acq: 30 Apr 2025 14:05

Tgt Ion:264 Resp: 869771

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.3 17.8 26.6

