

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024461.D
 Acq On : 29 Apr 2025 16:00
 Operator : RC/JU
 Sample : Q1875-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AUD-25-0053

Quant Time: Apr 29 16:42:01 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)

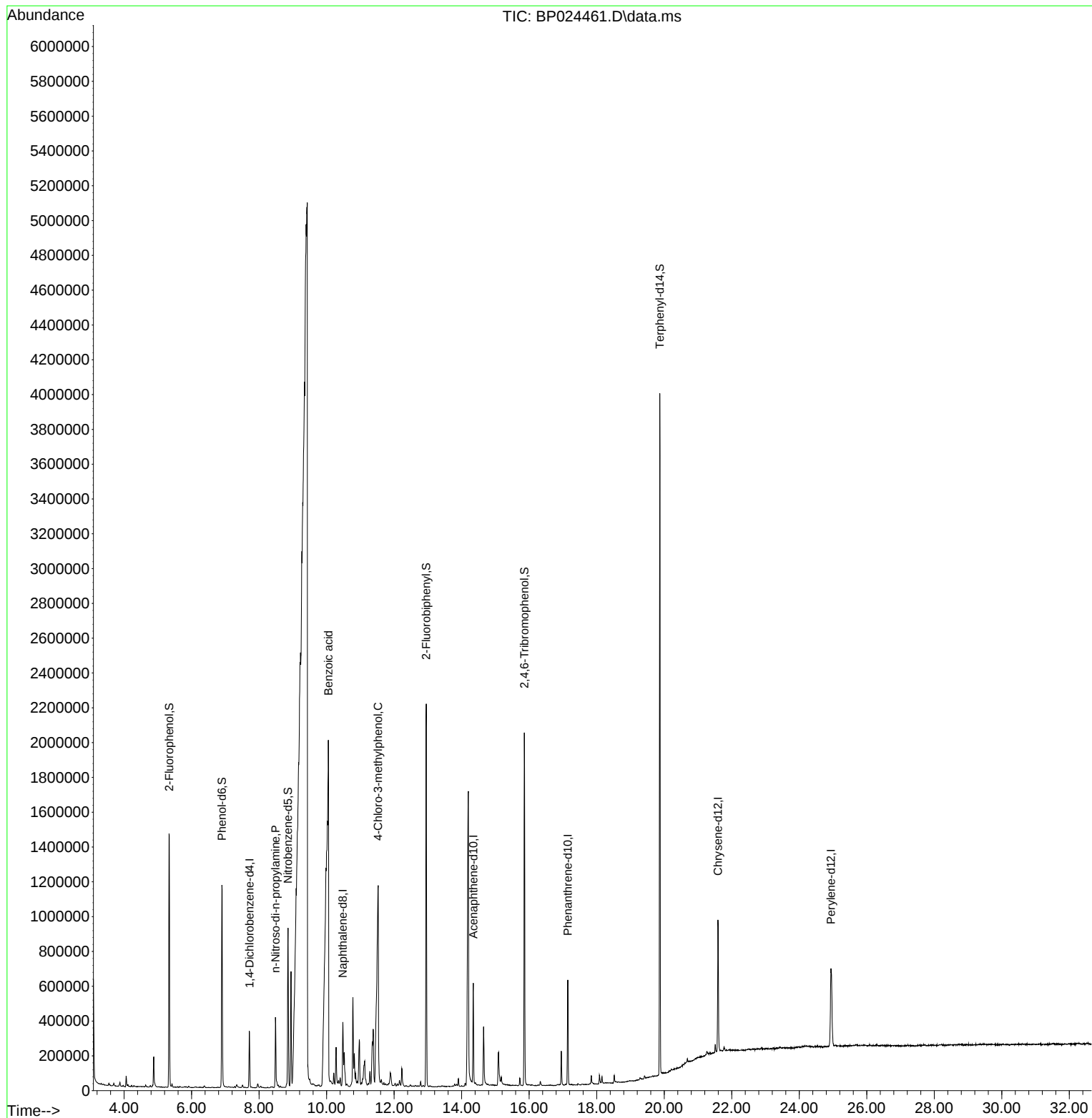
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	87371	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	316147	20.000	ng	-0.02
39) Acenaphthene-d10	14.346	164	194945	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	368003	20.000	ng	0.00
76) Chrysene-d12	21.592	240	453037	20.000	ng	0.00
86) Perylene-d12	24.939	264	537853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	651952	123.379	ng	0.00
7) Phenol-d6	6.899	99	713643	98.631	ng	-0.01
23) Nitrobenzene-d5	8.858	82	534990	96.492	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	422888	156.790	ng	0.00
45) 2-Fluorobiphenyl	12.952	172	1138427	89.413	ng	-0.01
79) Terphenyl-d14	19.869	244	1947871	86.664	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.487	70	13851	3.094	ng	# 77
32) Benzoic acid	10.052	122	2280723	580.768	ng	97
36) 4-Chloro-3-methylphenol	11.528	107	32394	6.052	ng	# 20

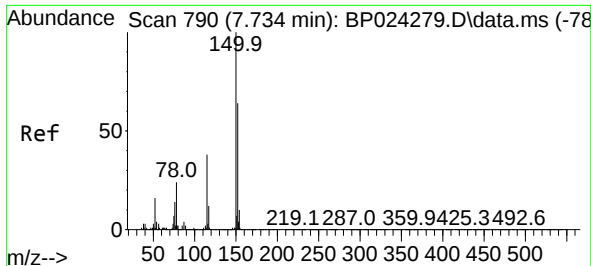
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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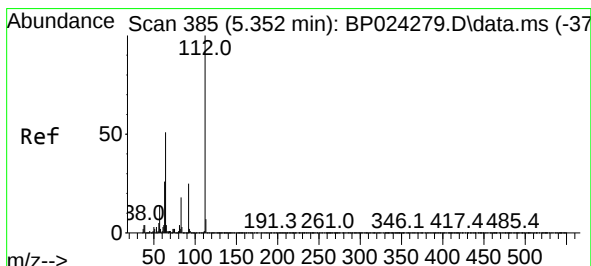
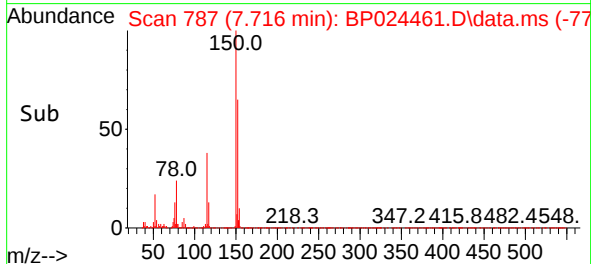
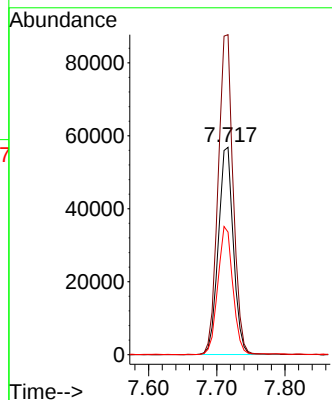
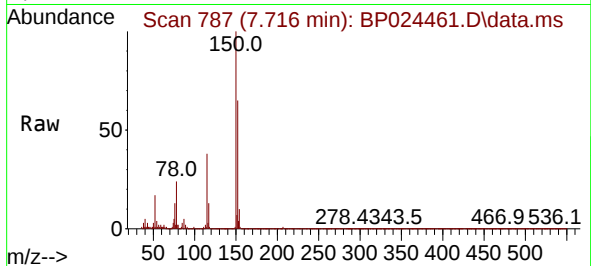




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

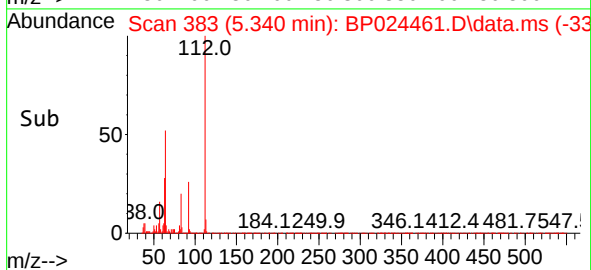
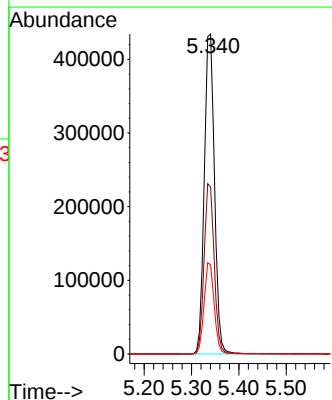
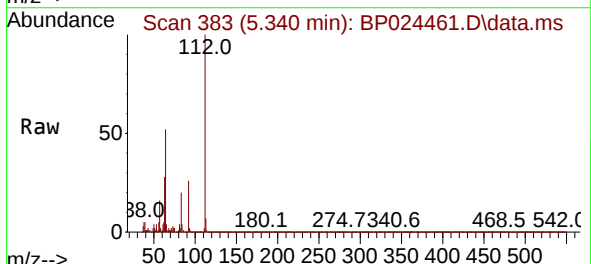
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

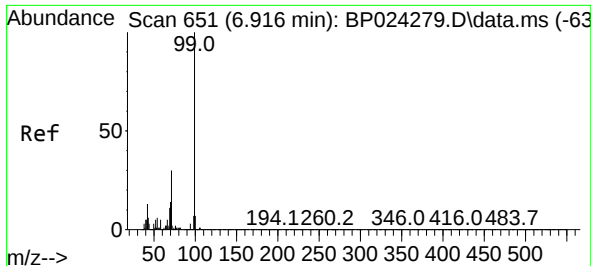
Tgt Ion:152 Resp: 87371
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 59.0 47.7 71.5



#5
2-Fluorophenol
Concen: 123.379 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

Tgt Ion:112 Resp: 651952
Ion Ratio Lower Upper
112 100
64 52.2 41.1 61.7
63 27.8 20.6 30.8

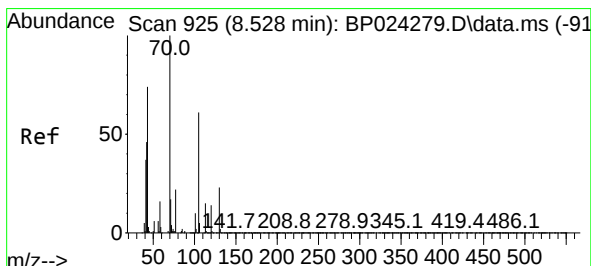
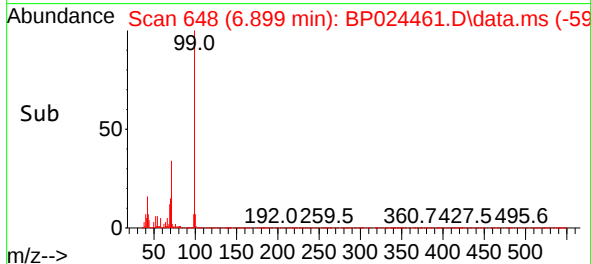
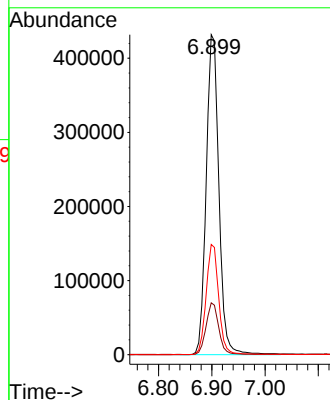
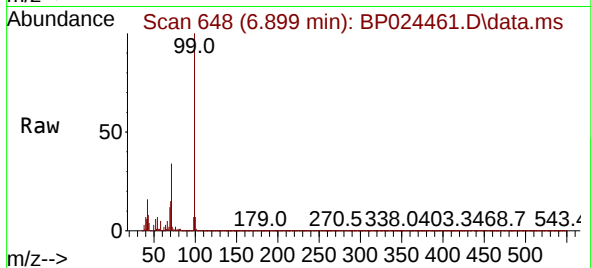




#7
Phenol-d6
Concen: 98.631 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.012 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

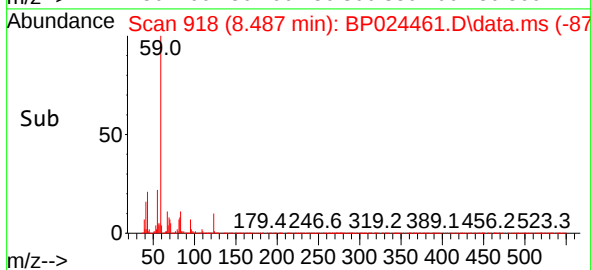
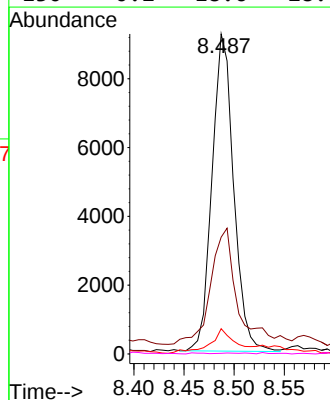
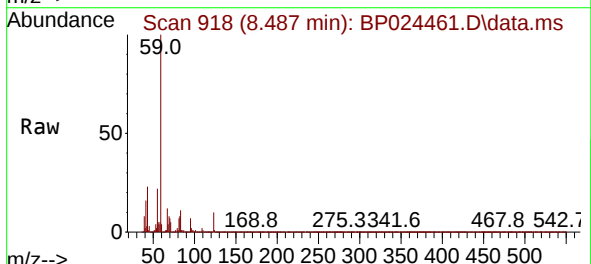
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

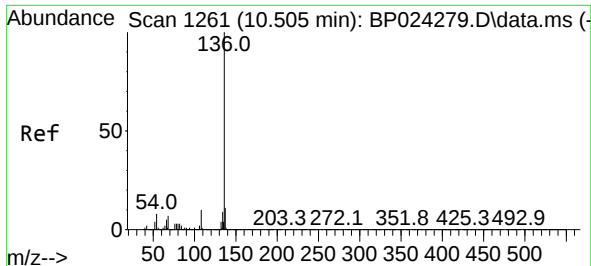
Tgt Ion: 99 Resp: 713643
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 34.5 23.7 35.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.094 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.035 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

Tgt Ion: 70 Resp: 13851
Ion Ratio Lower Upper
70 100
42 36.5 37.3 55.9#
101 7.9 8.2 12.4#
130 0.2 18.6 28.0#

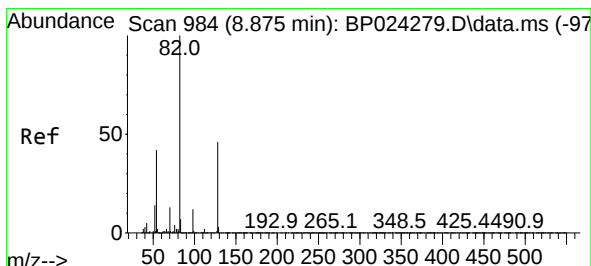
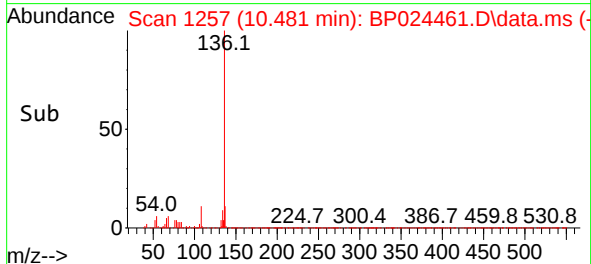
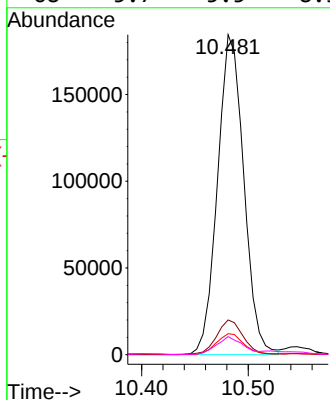
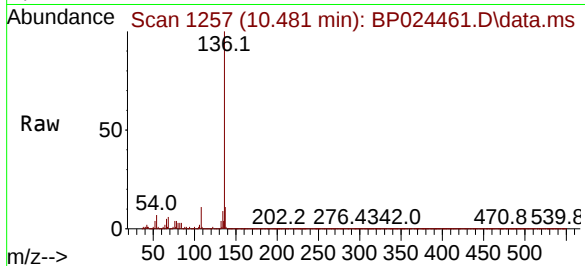




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

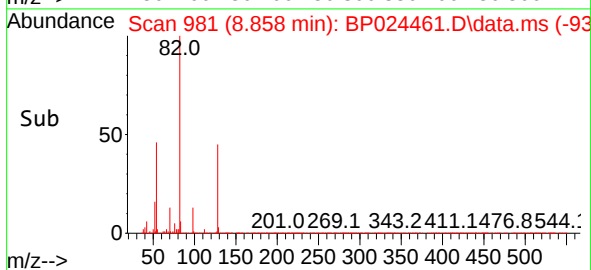
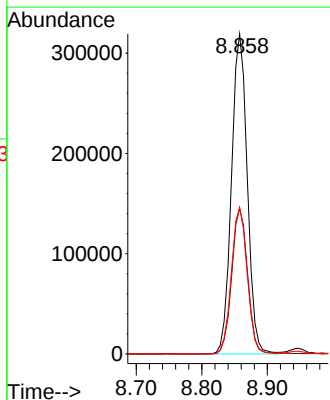
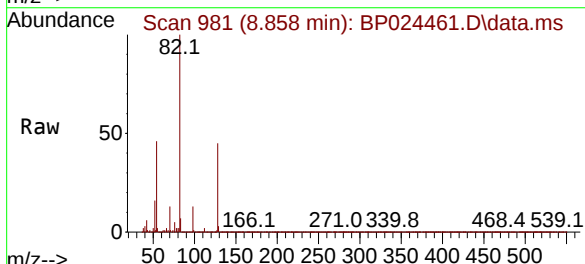
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

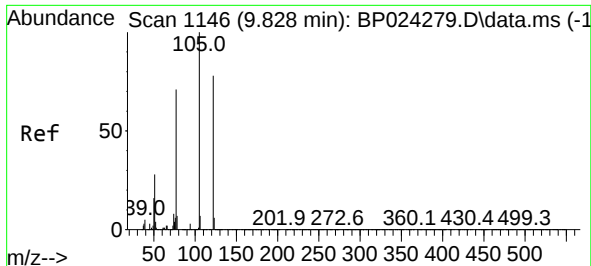
Tgt Ion:	136	Resp:	316147
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	6.6	6.0	9.0
68	5.7	5.5	8.3



#23
Nitrobenzene-d5
Concen: 96.492 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

Tgt Ion:	82	Resp:	534990
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.5	54.7
54	45.8	33.4	50.2

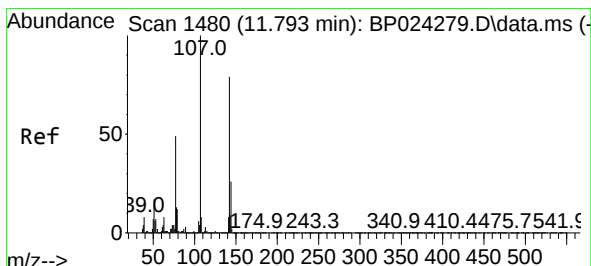
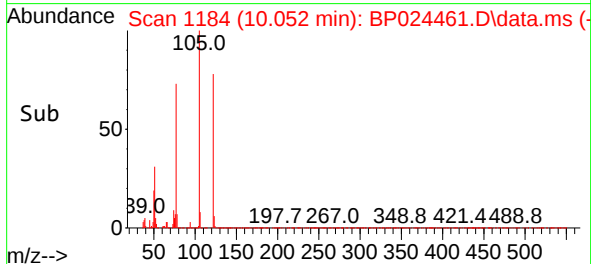
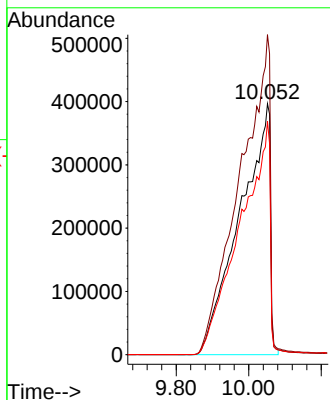
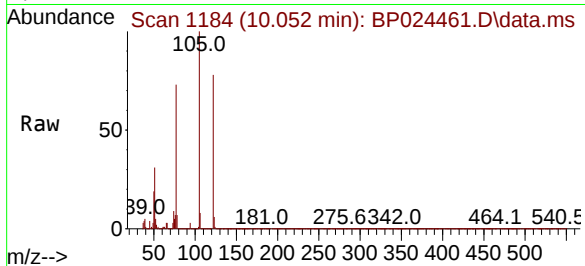




#32
Benzoic acid
Concen: 580.768 ng
RT: 10.052 min Scan# 1184
Delta R.T. 0.230 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

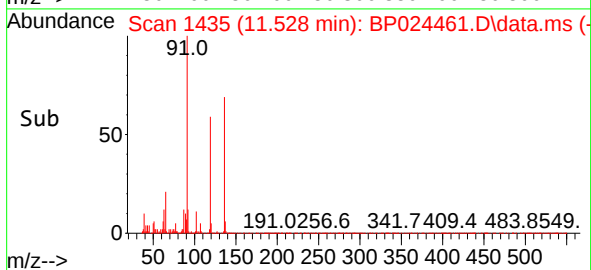
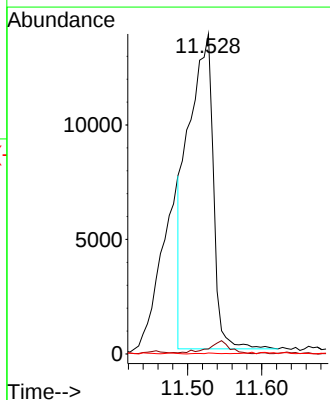
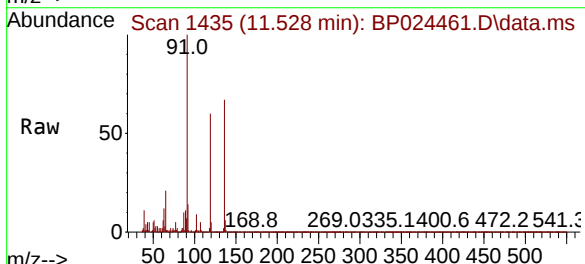
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

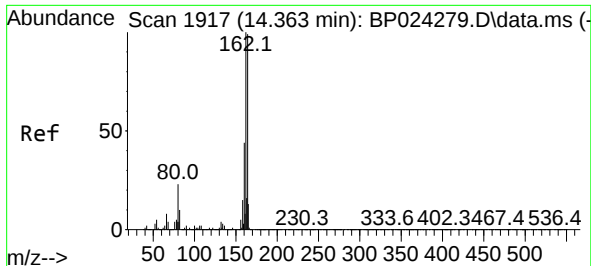
Tgt Ion:122 Resp: 2280723
Ion Ratio Lower Upper
122 100
105 127.5 104.8 144.8
77 93.0 69.2 109.2



#36
4-Chloro-3-methylphenol
Concen: 6.052 ng
RT: 11.528 min Scan# 1435
Delta R.T. -0.264 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

Tgt Ion:107 Resp: 32394
Ion Ratio Lower Upper
107 100
144 1.6 20.5 30.7#
142 0.3 63.4 95.2#

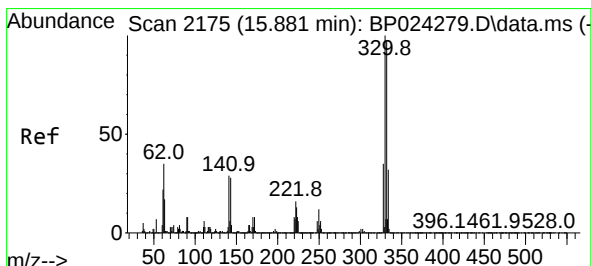
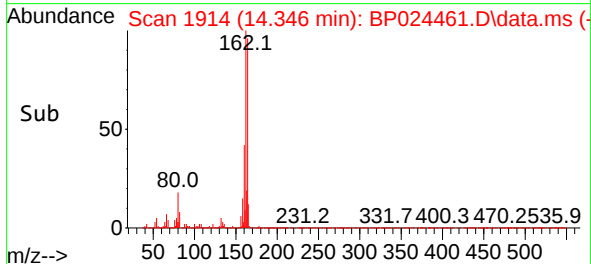
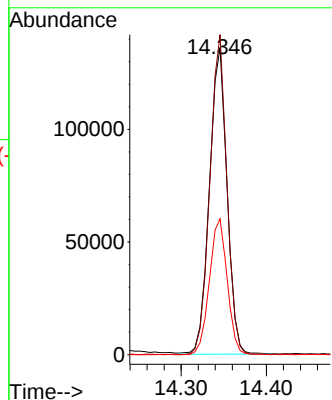
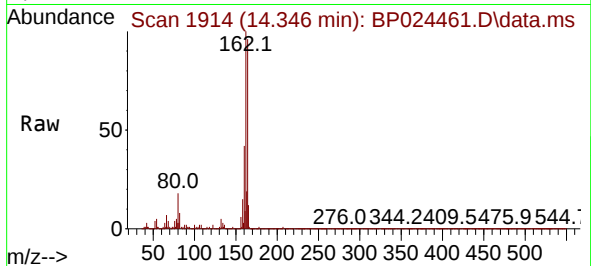




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

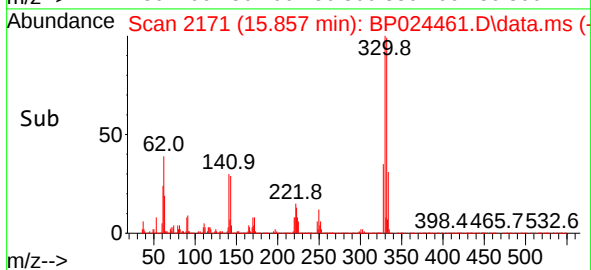
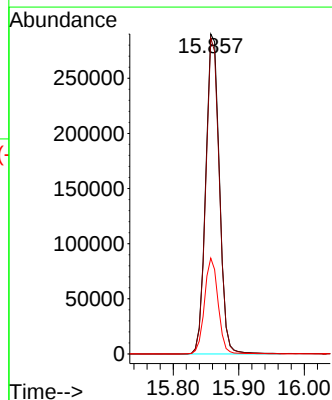
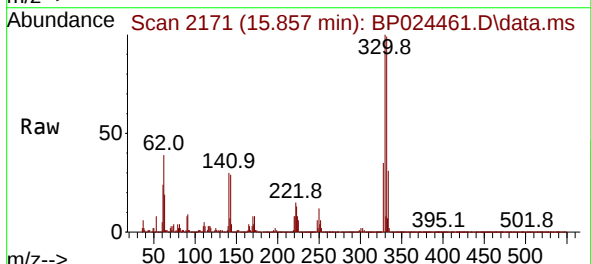
Instrument :
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AUD-25-0053

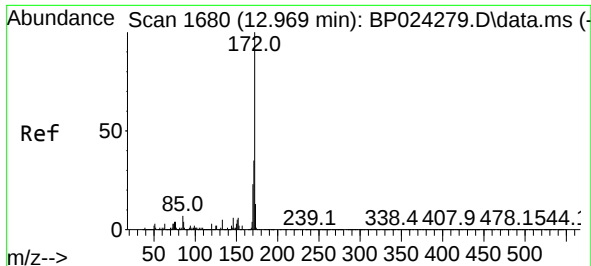
Tgt Ion:164 Resp: 194945
Ion Ratio Lower Upper
164 100
162 104.2 80.6 120.8
160 44.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 156.790 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

Tgt Ion:330 Resp: 422888
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 29.7 24.7 37.1

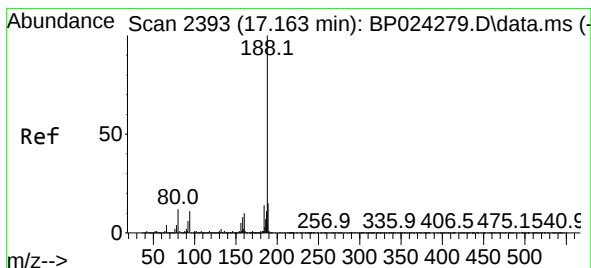
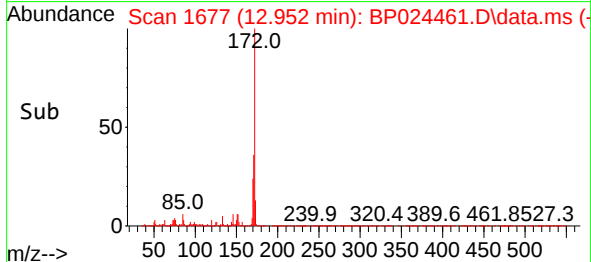
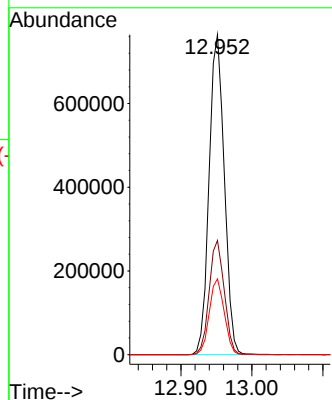
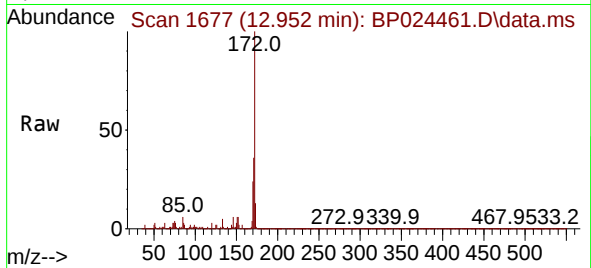




#45
2-Fluorobiphenyl
Concen: 89.413 ng
RT: 12.952 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

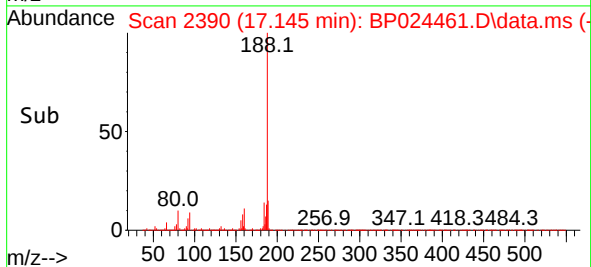
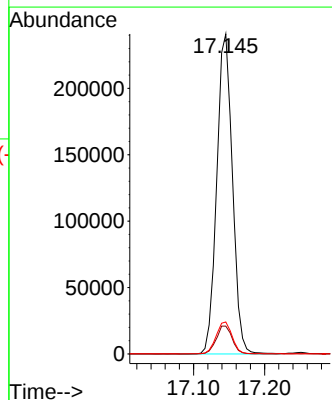
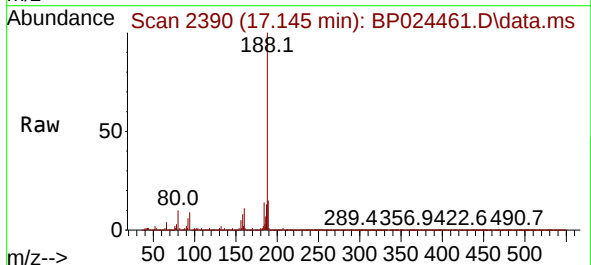
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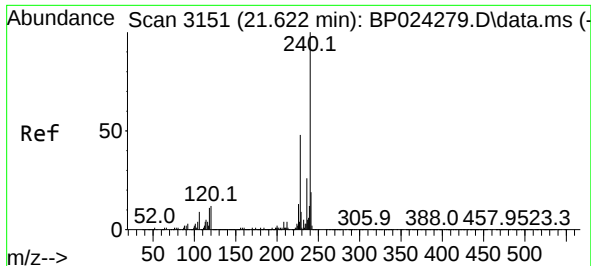
Tgt Ion:172 Resp: 1138427
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

Tgt Ion:188 Resp: 368003
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 10.0 9.8 14.6

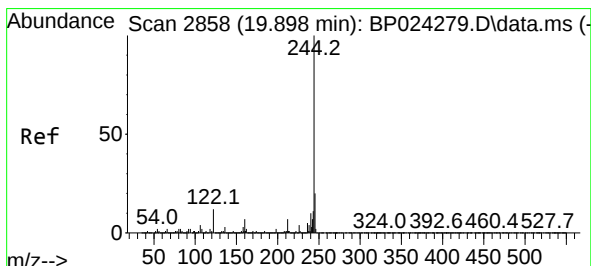
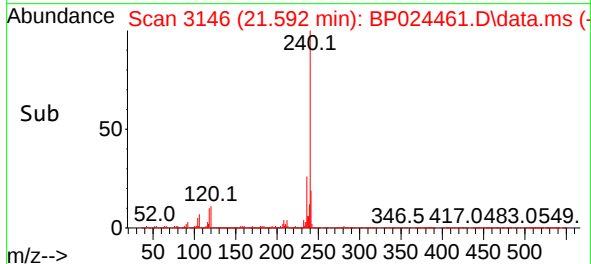
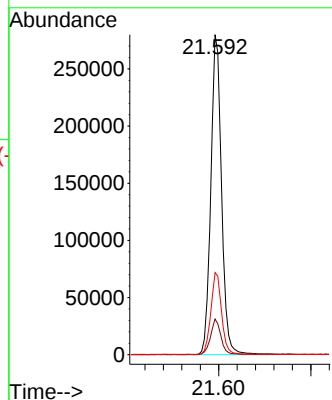
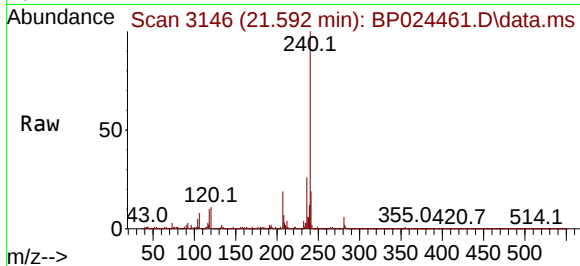




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

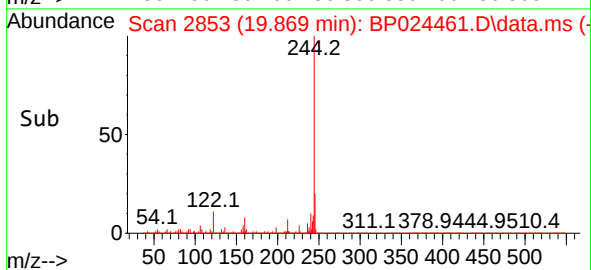
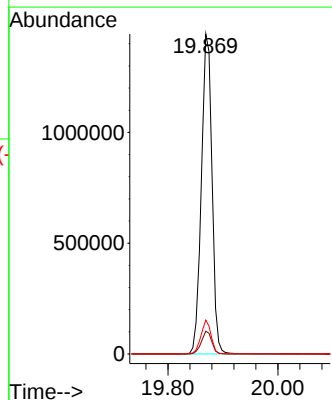
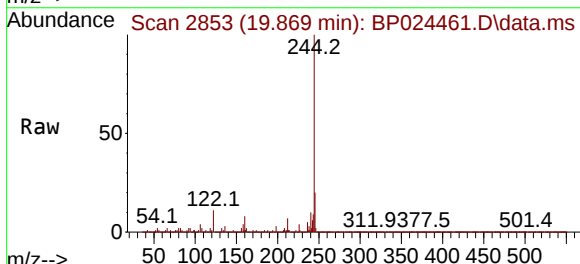
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

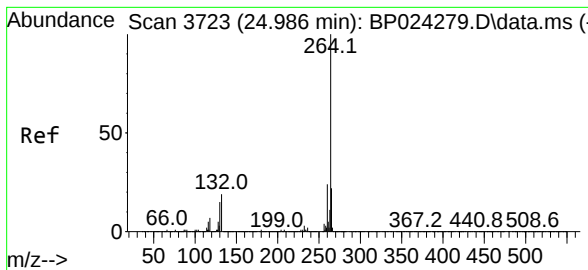
Tgt Ion:240 Resp: 453037
Ion Ratio Lower Upper
240 100
120 11.2 9.8 14.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 86.664 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP024461.D
Acq: 29 Apr 2025 16:00

Tgt Ion:244 Resp: 1947871
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.6 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.939 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP024461.D
 Acq: 29 Apr 2025 16:00

Instrument :
 BNA_P
 ClientSampleId :
 AUD-25-0053

Tgt Ion:264 Resp: 537853

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.0	17.8	26.6

