

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024431.D
 Acq On : 25 Apr 2025 20:34
 Operator : RC/JU
 Sample : Q1875-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AUD-25-0053

Quant Time: Apr 25 22:53:16 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)

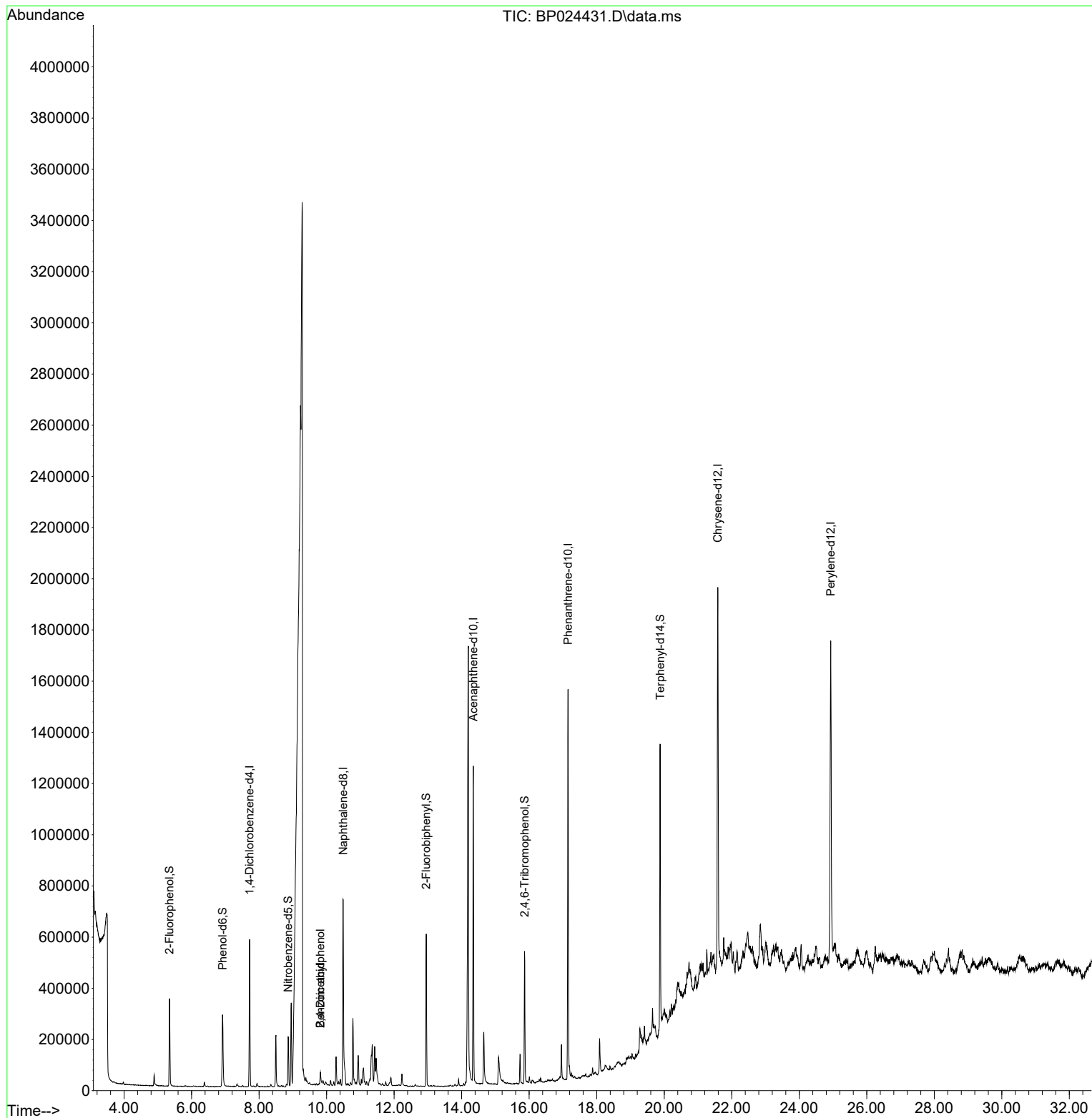
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	157739	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	638454	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	408373	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	884266	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	1013426	20.000	ng	0.00
86) Perylene-d12	24.933	264	1189893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	162818	17.067	ng	0.00
7) Phenol-d6	6.916	99	213638	16.355	ng	0.00
23) Nitrobenzene-d5	8.863	82	116539	10.408	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	108062	19.126	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	290327	10.885	ng	-0.01
79) Terphenyl-d14	19.880	244	576527	11.467	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.816	122	23834	3.502	ng	# 5
32) Benzoic acid	9.816	122	23834	3.005	ng	97

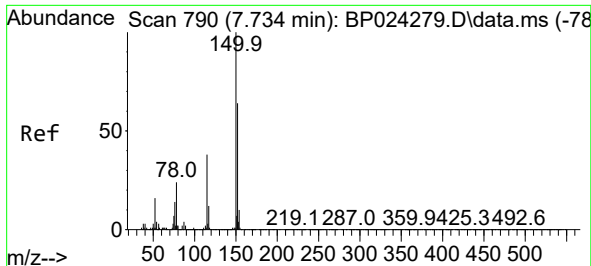
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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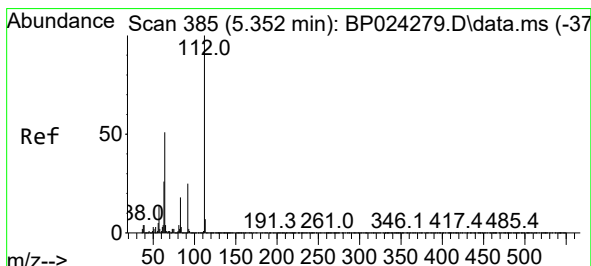
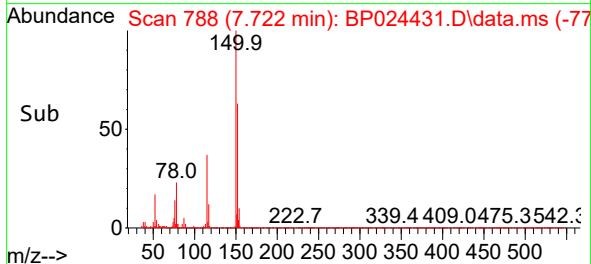
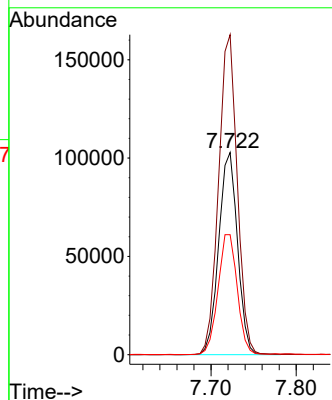
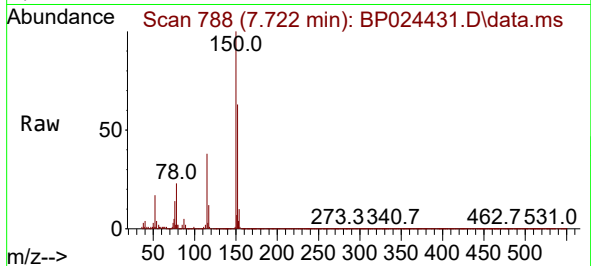




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

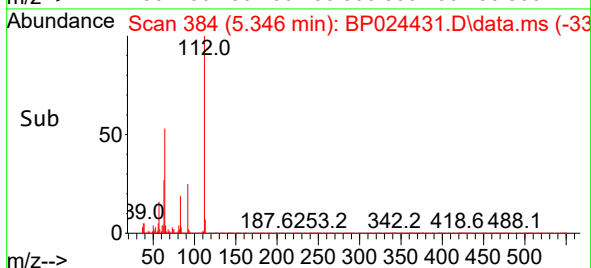
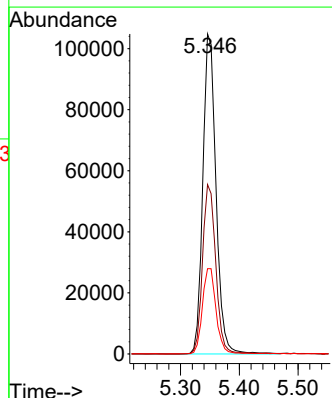
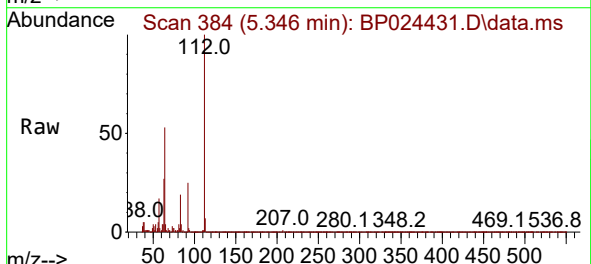
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

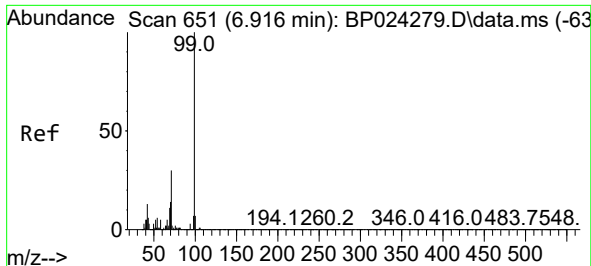
Tgt Ion:152 Resp: 157739
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 59.4 47.7 71.5



#5
2-Fluorophenol
Concen: 17.067 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

Tgt Ion:112 Resp: 162818
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 26.7 20.6 30.8

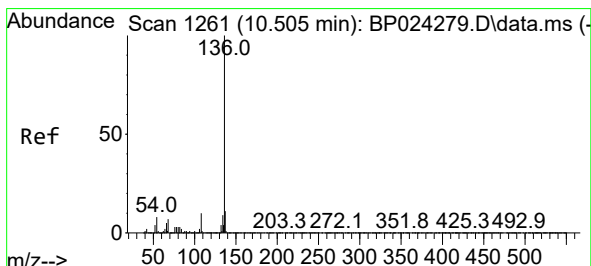
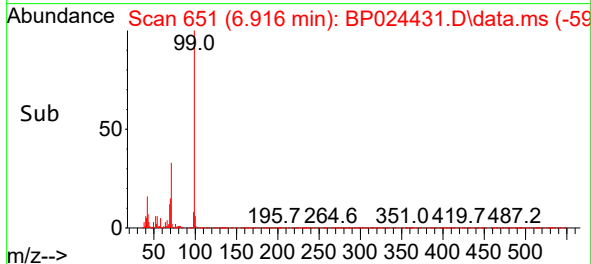
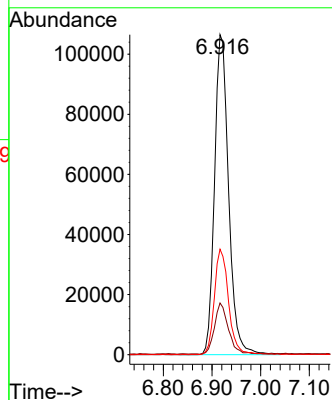
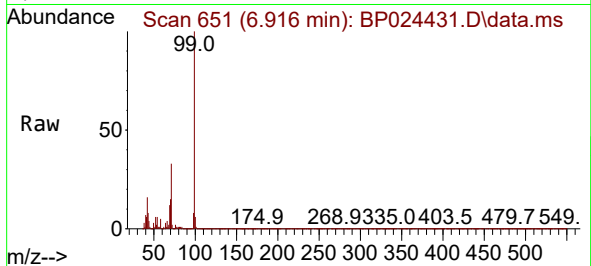




#7
Phenol-d6
Concen: 16.355 ng
RT: 6.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

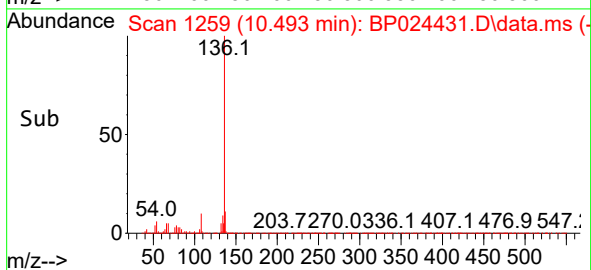
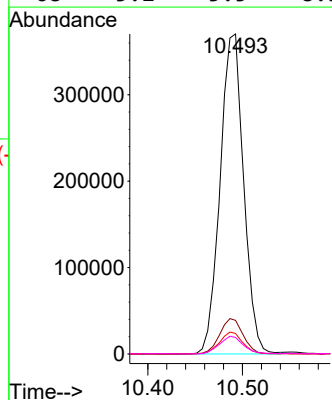
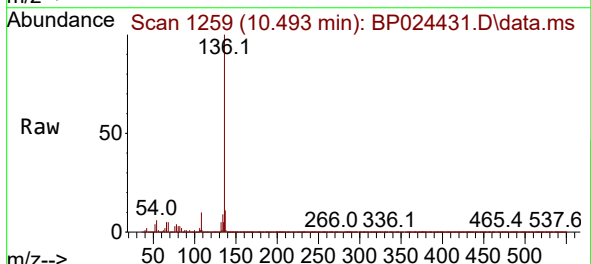
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

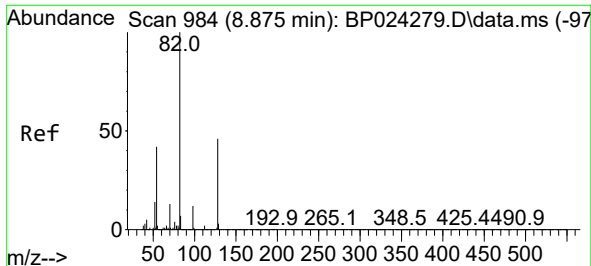
Tgt Ion: 99 Resp: 213638
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 32.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

Tgt Ion:136 Resp: 638454
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 6.4 6.0 9.0
68 5.2 5.5 8.3#

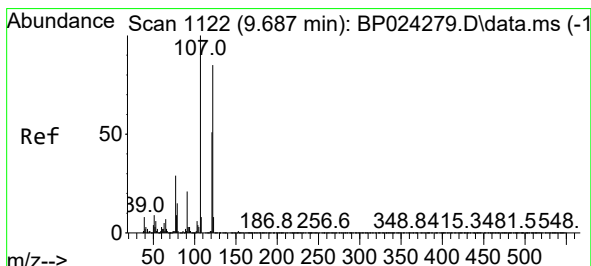
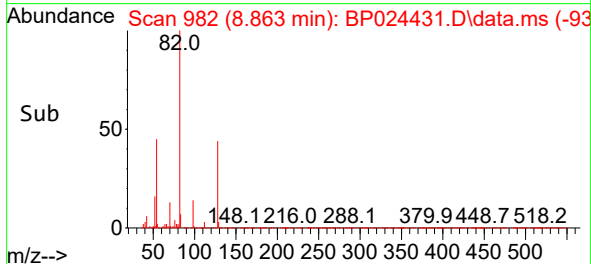
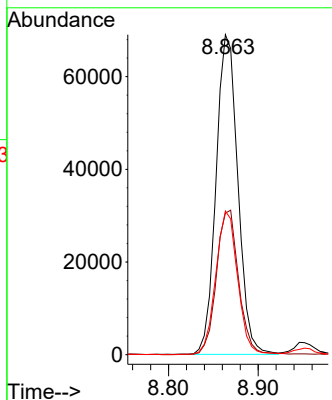
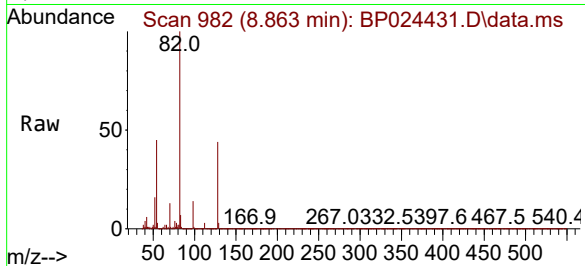




#23
Nitrobenzene-d5
Concen: 10.408 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

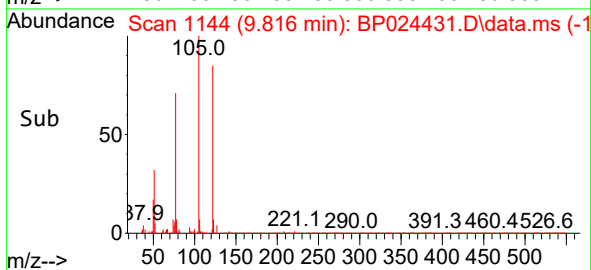
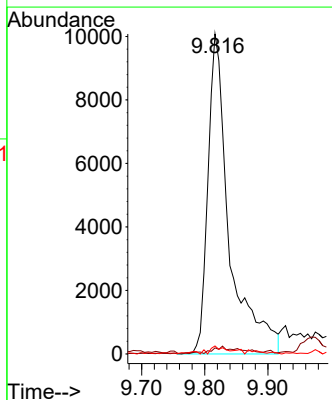
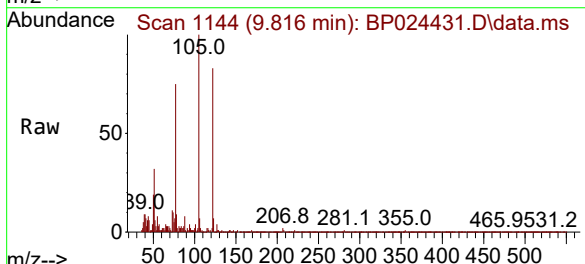
Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

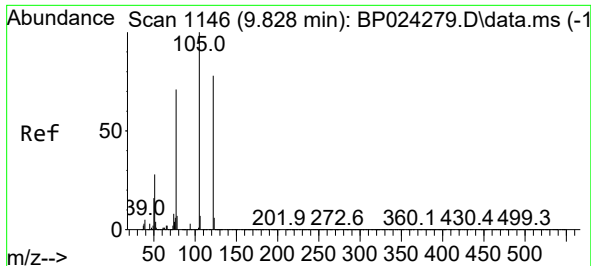
Tgt Ion: 82 Resp: 116539
Ion Ratio Lower Upper
82 100
128 44.3 36.5 54.7
54 44.9 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 3.502 ng
RT: 9.816 min Scan# 1144
Delta R.T. 0.135 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

Tgt Ion: 122 Resp: 23834
Ion Ratio Lower Upper
122 100
107 1.9 93.7 140.5#
121 2.5 48.2 72.2#

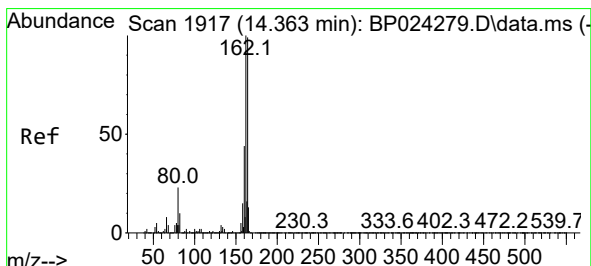
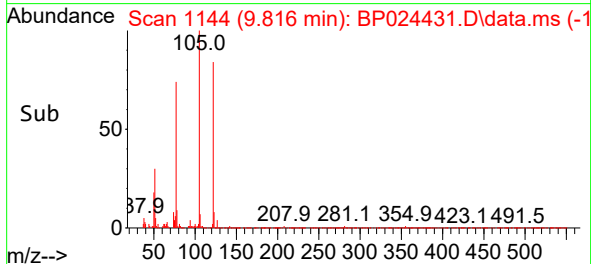
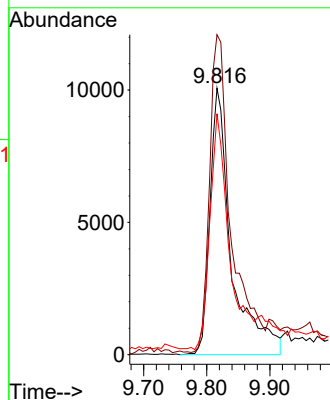
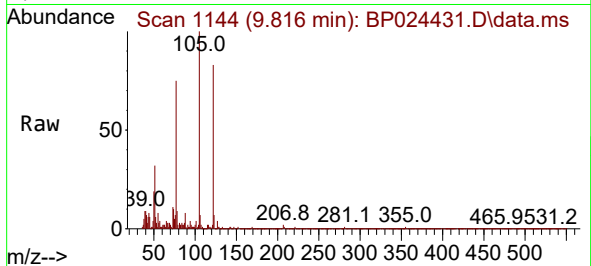




#32
Benzoic acid
Concen: 3.005 ng
RT: 9.816 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

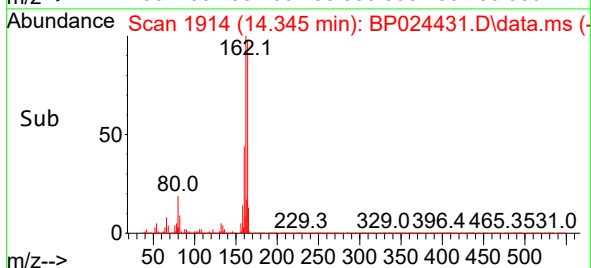
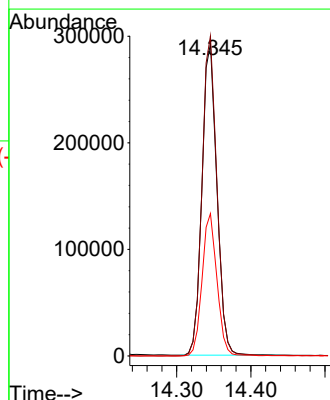
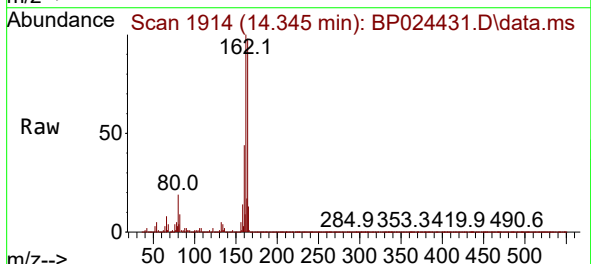
Instrument :
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ClientSampleId :
AUD-25-0053

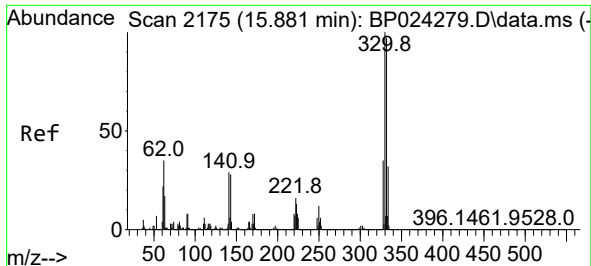
Tgt Ion:122 Resp: 23834
Ion Ratio Lower Upper
122 100
105 120.0 104.8 144.8
77 90.4 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

Tgt Ion:164 Resp: 408373
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.6 35.3 52.9

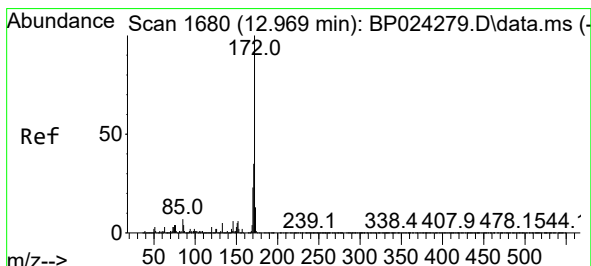
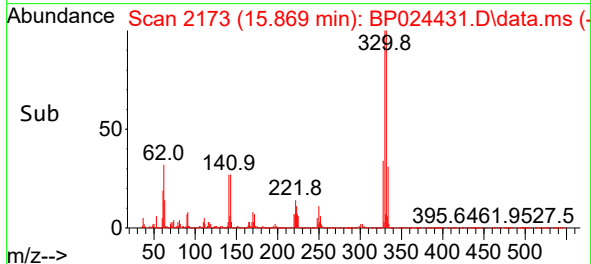
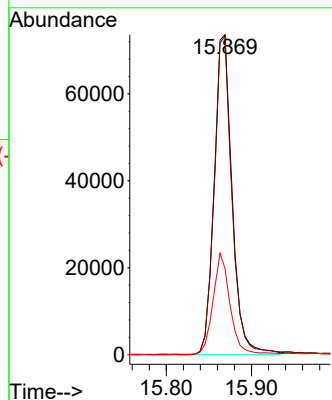
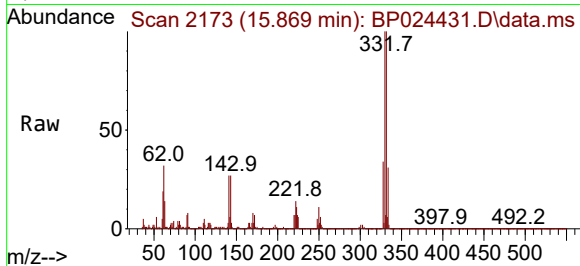




#42
2,4,6-Tribromophenol
Concen: 19.126 ng
RT: 15.869 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

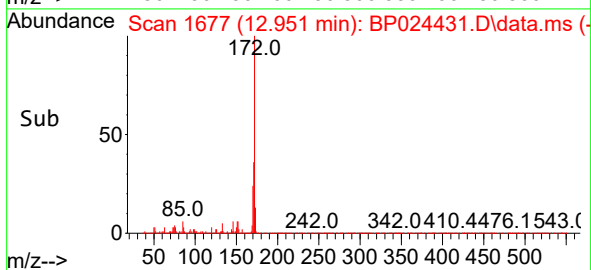
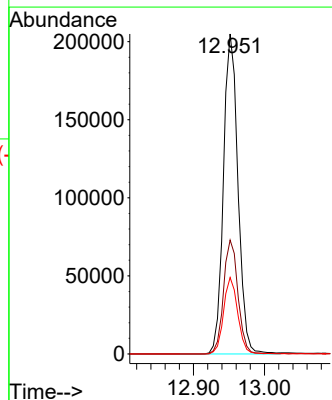
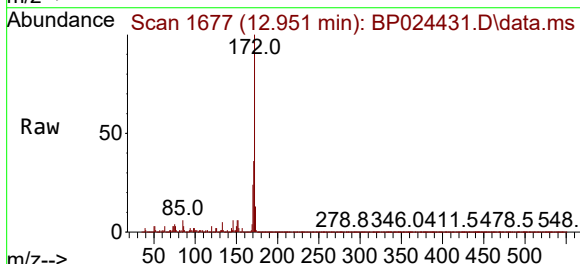
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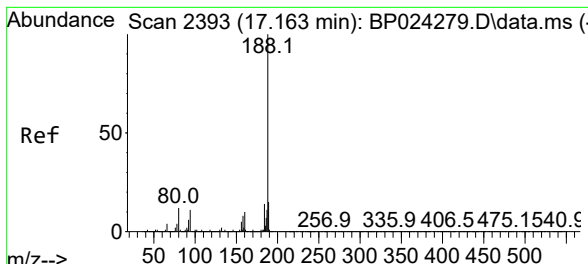
Tgt Ion:330 Resp: 108062
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 29.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 10.885 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

Tgt Ion:172 Resp: 290327
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.9 18.6 27.8

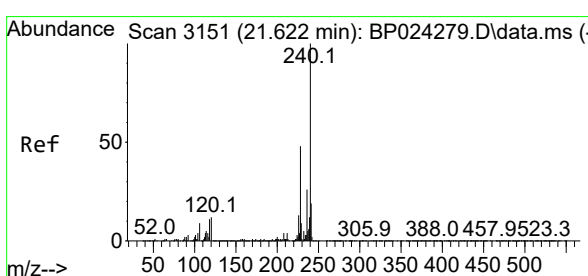
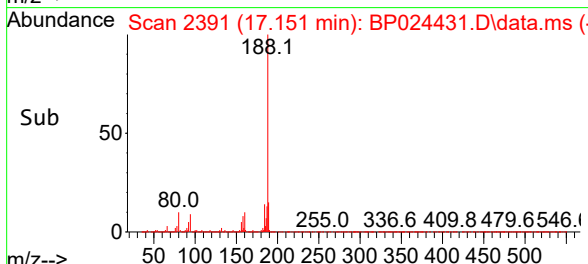
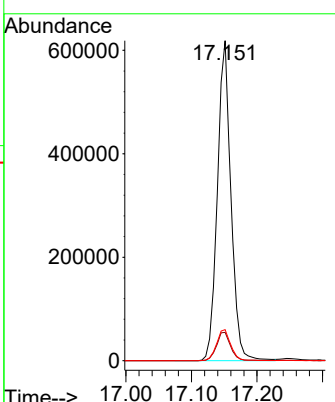
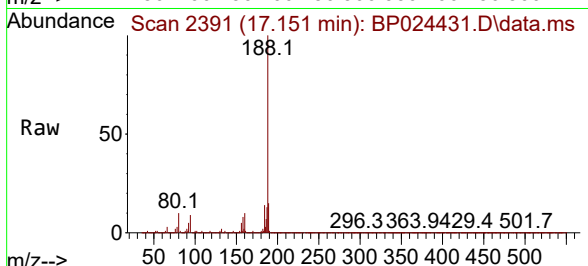




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

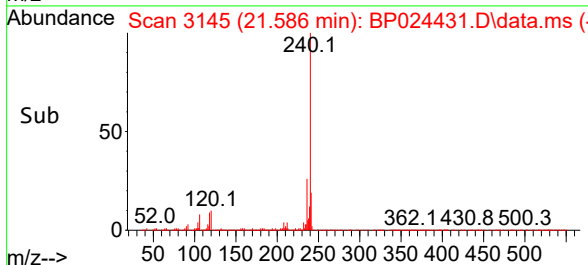
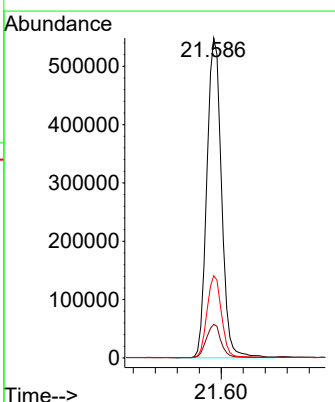
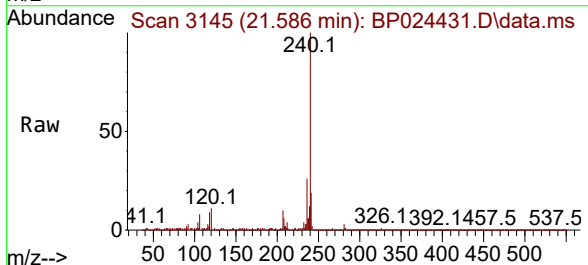
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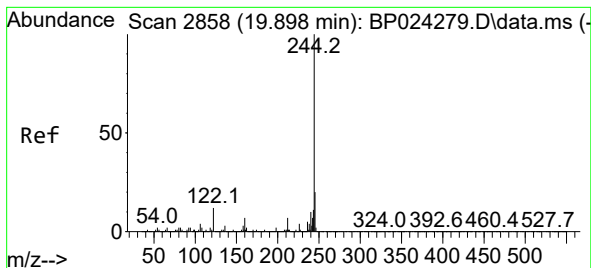
Tgt Ion:	188	Resp:	884266
Ion Ratio	100	Lower	Upper
188	100		
94	8.9	8.6	13.0
80	9.7	9.8	14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024431.D
Acq: 25 Apr 2025 20:34

Tgt Ion:	240	Resp:	1013426
Ion Ratio	100	Lower	Upper
240	100		
120	10.5	9.8	14.8
236	25.7	20.9	31.3





#79

Terphenyl-d14

Concen: 11.467 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024431.D

Acq: 25 Apr 2025 20:34

Instrument :

BNA_P

ClientSampleId :

AUD-25-0053

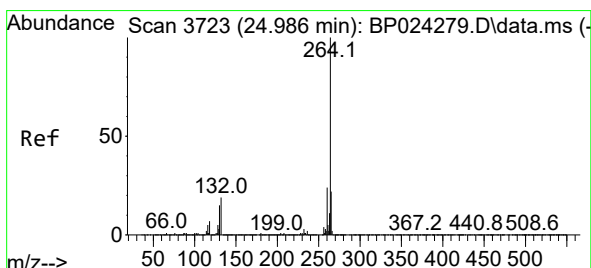
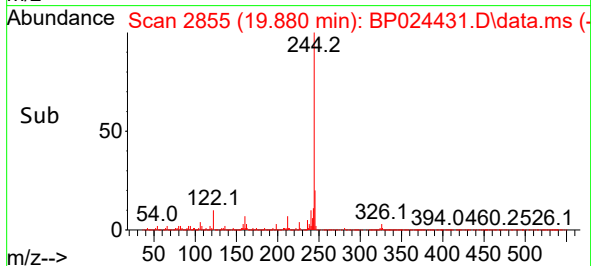
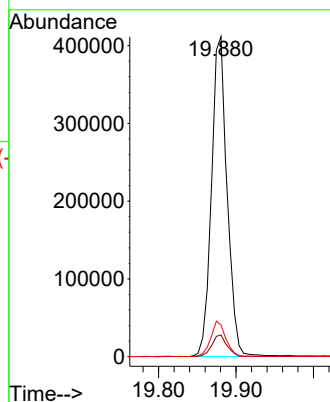
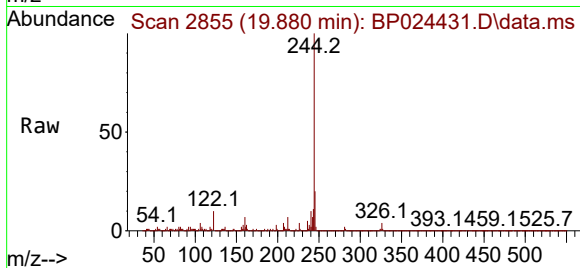
Tgt Ion:244 Resp: 576527

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.9 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 3714

Delta R.T. 0.000 min

Lab File: BP024431.D

Acq: 25 Apr 2025 20:34

Tgt Ion:264 Resp: 1189893

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.9 17.8 26.6

