

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024432.D
 Acq On : 25 Apr 2025 21:15
 Operator : RC/JU
 Sample : Q1877-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-6-042425

Quant Time: Apr 25 22:53:33 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	189452	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	788612	20.000	ng	# 0.00
39) Acenaphthene-d10	14.339	164	482735	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	945477	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	1001656	20.000	ng	-0.02
86) Perylene-d12	24.910	264	1193459	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	224672	19.608	ng	0.00
7) Phenol-d6	6.905	99	287660	18.335	ng	0.00
23) Nitrobenzene-d5	8.863	82	170099	12.299	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	152731	22.868	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	443291	14.060	ng	-0.01
79) Terphenyl-d14	19.857	244	720564	14.500	ng	-0.02

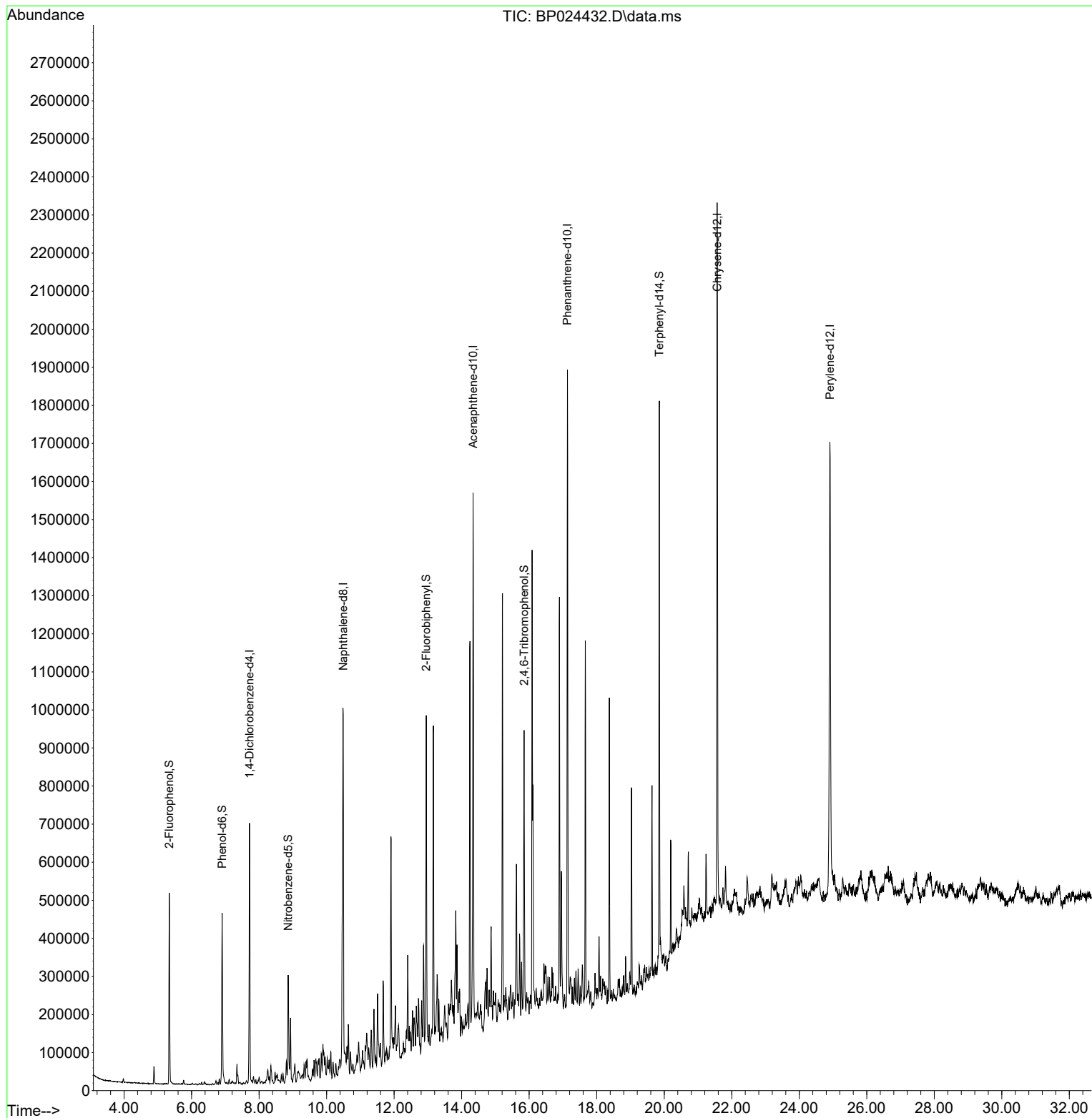
Target Compounds	Qvalue

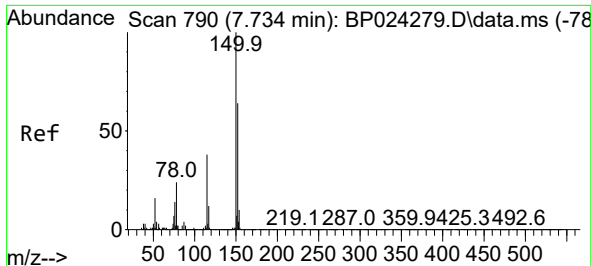
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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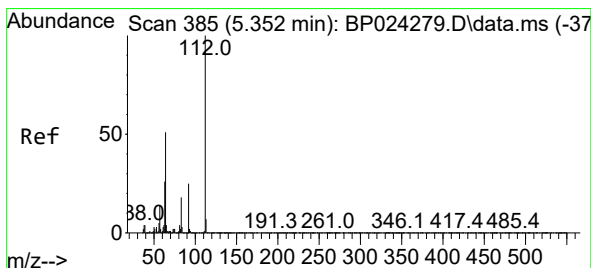
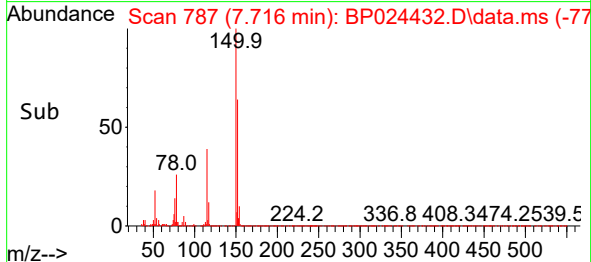
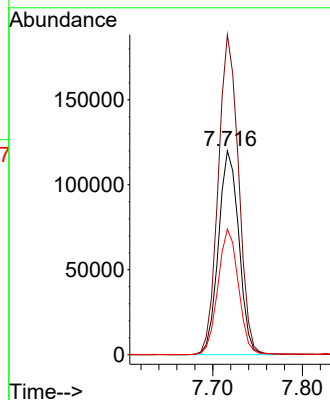
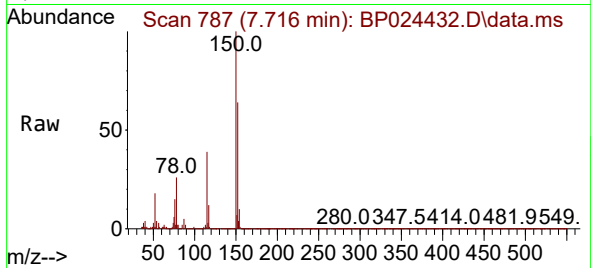




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024432.D
Acq: 25 Apr 2025 21:15

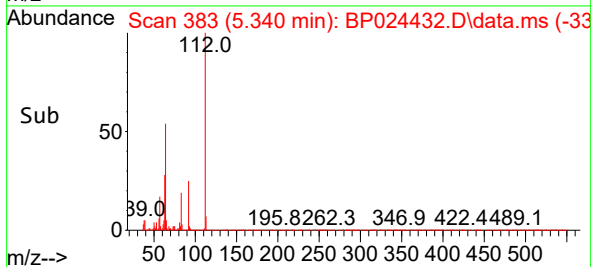
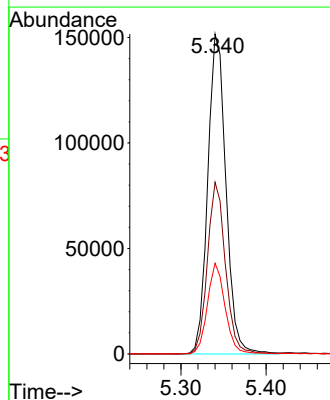
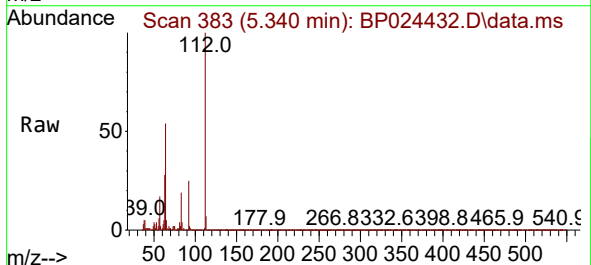
Instrument :
BNA_P
ClientSampleId :
AU-6-042425

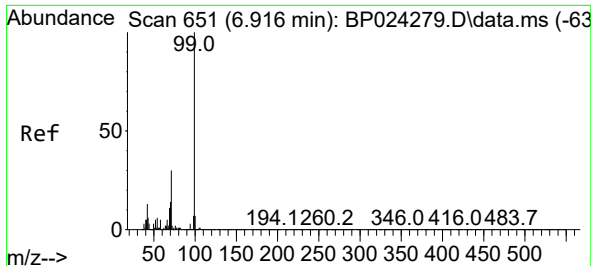
Tgt Ion:152 Resp: 189452
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 19.608 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024432.D
Acq: 25 Apr 2025 21:15

Tgt Ion:112 Resp: 224672
Ion Ratio Lower Upper
112 100
64 53.6 41.1 61.7
63 28.4 20.6 30.8

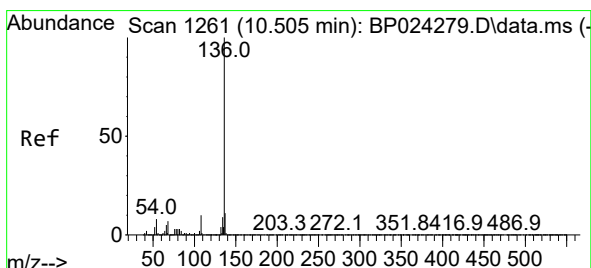
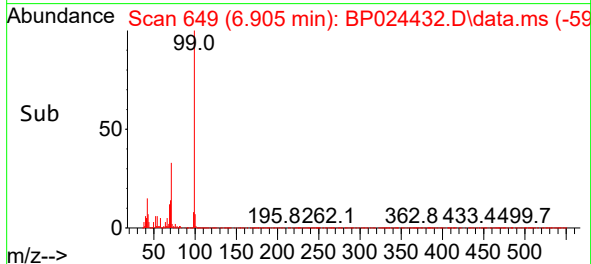
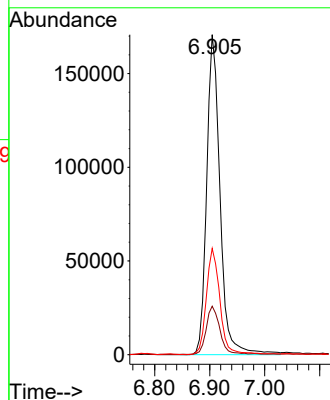
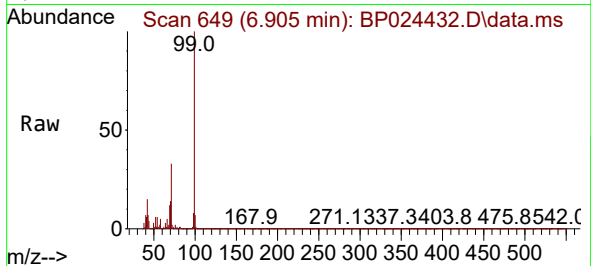




#7
Phenol-d6
Concen: 18.335 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024432.D
Acq: 25 Apr 2025 21:15

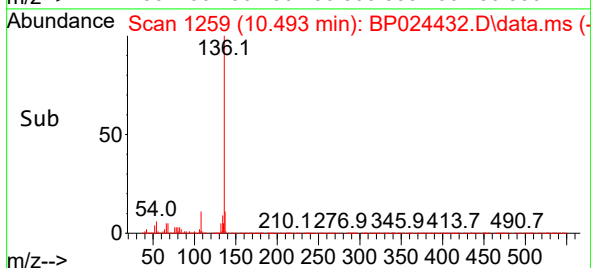
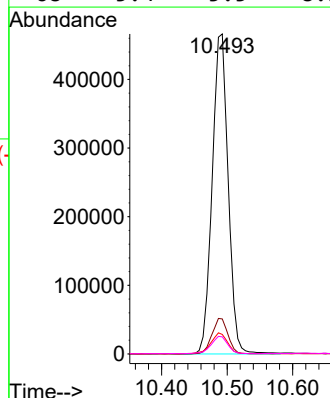
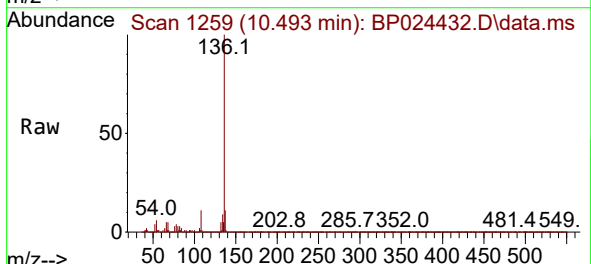
Instrument :
BNA_P
ClientSampleId :
AU-6-042425

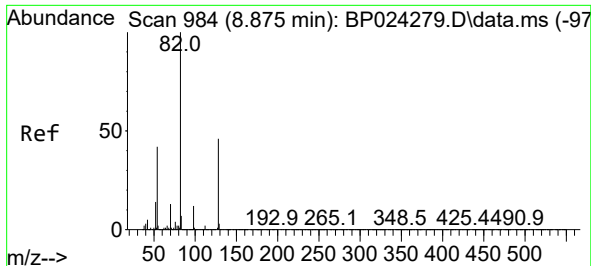
Tgt Ion: 99 Resp: 287660
Ion Ratio Lower Upper
99 100
42 15.2 10.6 16.0
71 33.2 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024432.D
Acq: 25 Apr 2025 21:15

Tgt Ion: 136 Resp: 788612
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.1 6.0 9.0
68 5.4 5.5 8.3

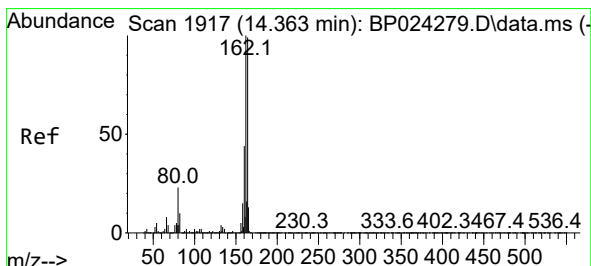
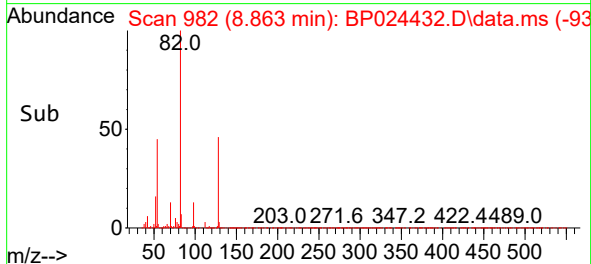
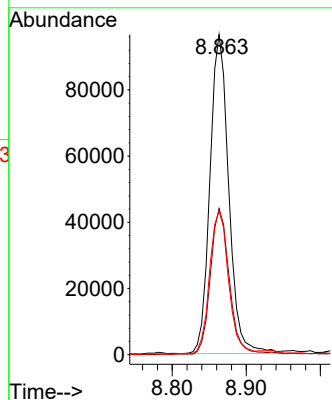
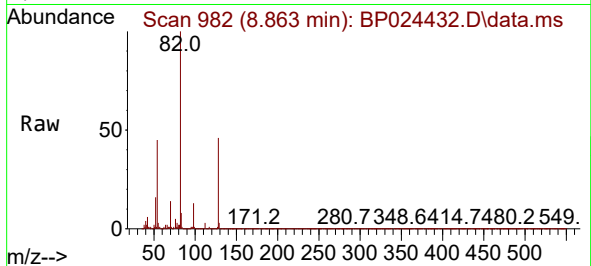




#23
Nitrobenzene-d5
Concen: 12.299 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024432.D
Acq: 25 Apr 2025 21:15

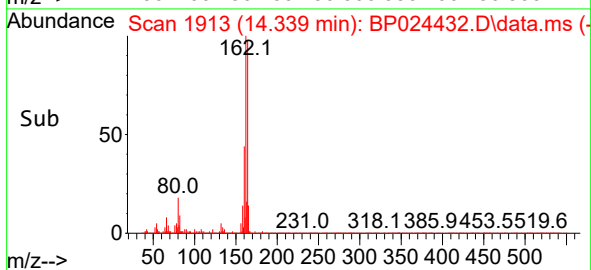
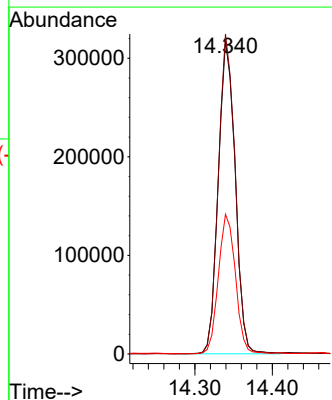
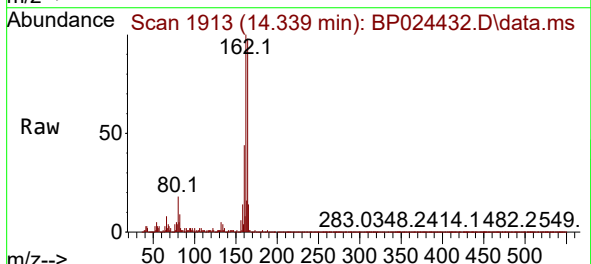
Instrument :
BNA_P
ClientSampleId :
AU-6-042425

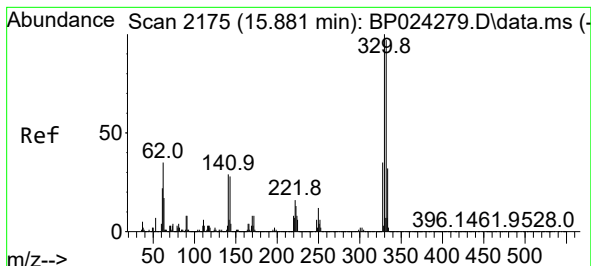
Tgt Ion: 82 Resp: 170099
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 44.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024432.D
Acq: 25 Apr 2025 21:15

Tgt Ion: 164 Resp: 482735
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 22.868 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024432.D

Acq: 25 Apr 2025 21:15

Instrument :

BNA_P

ClientSampleId :

AU-6-042425

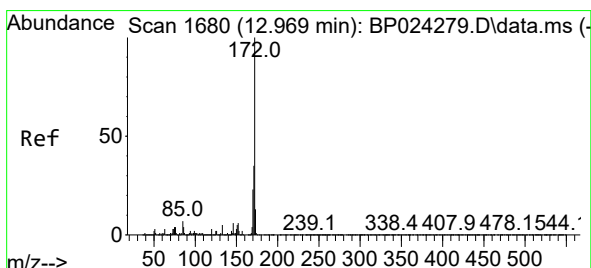
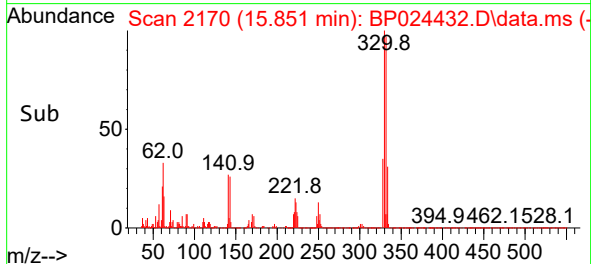
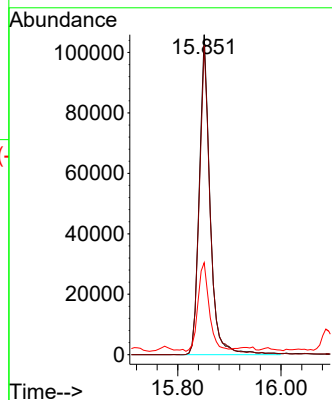
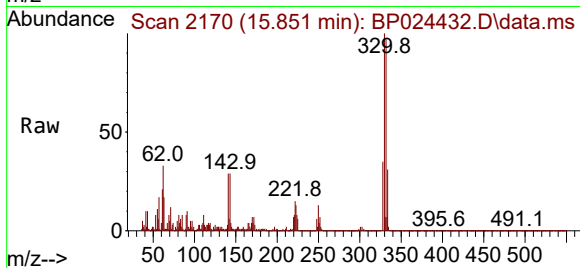
Tgt Ion:330 Resp: 152731

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 29.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 14.060 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024432.D

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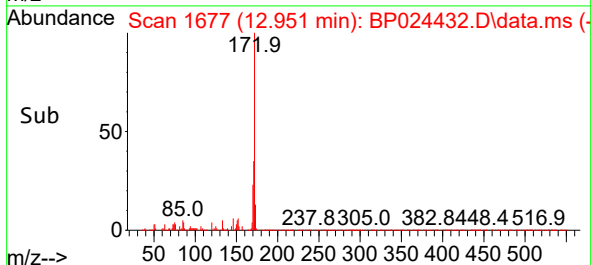
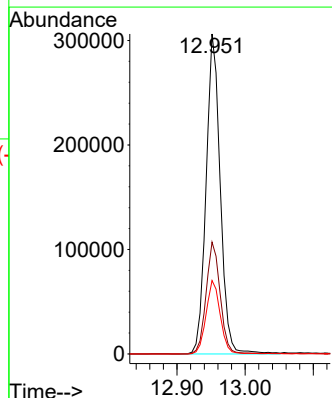
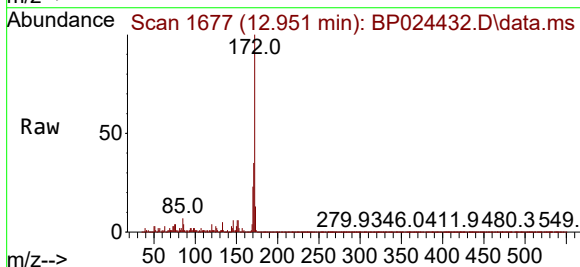
Tgt Ion:172 Resp: 443291

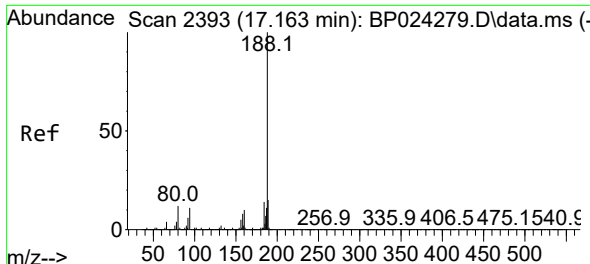
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.0 18.6 27.8

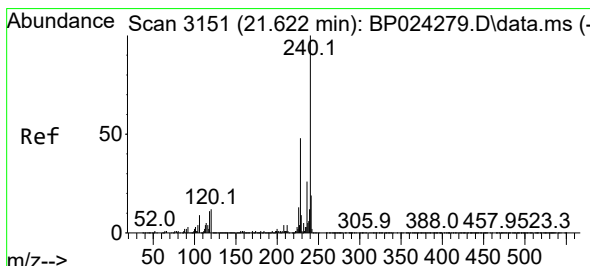
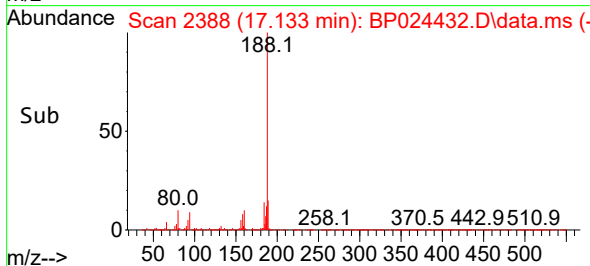
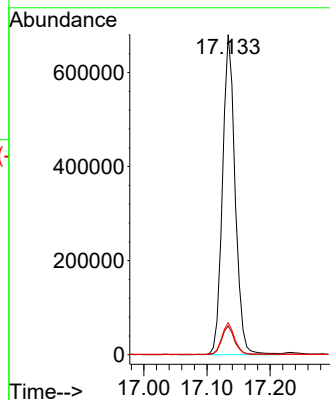
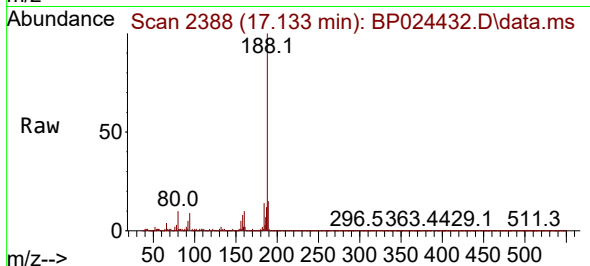




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024432.D
Acq: 25 Apr 2025 21:15

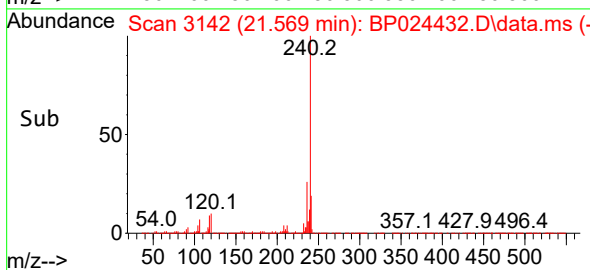
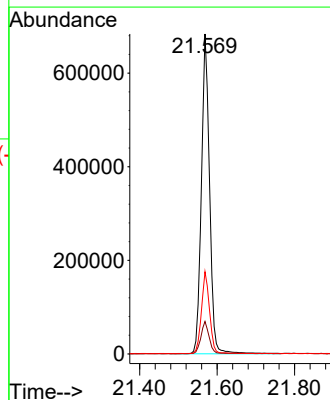
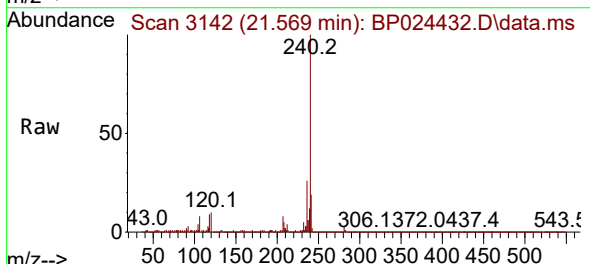
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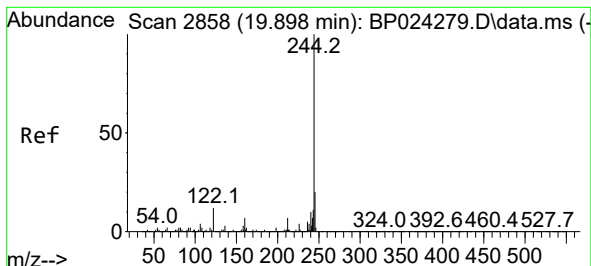
Tgt Ion:188 Resp: 945477
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 10.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. -0.023 min
Lab File: BP024432.D
Acq: 25 Apr 2025 21:15

Tgt Ion:240 Resp: 1001656
Ion Ratio Lower Upper
240 100
120 10.2 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 14.500 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024432.D

Acq: 25 Apr 2025 21:15

Instrument :

BNA_P

ClientSampleId :

AU-6-042425

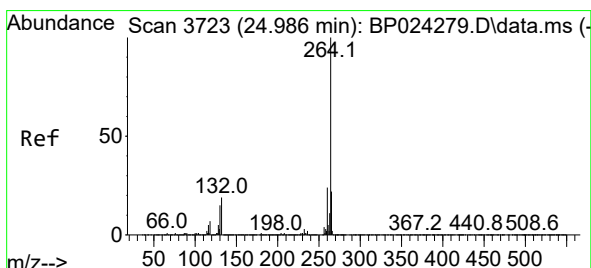
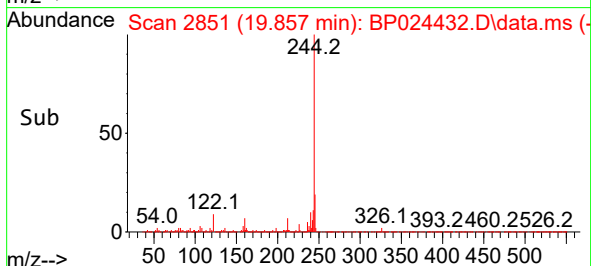
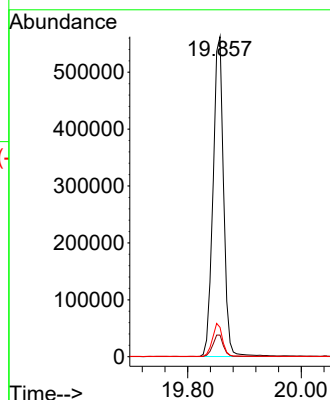
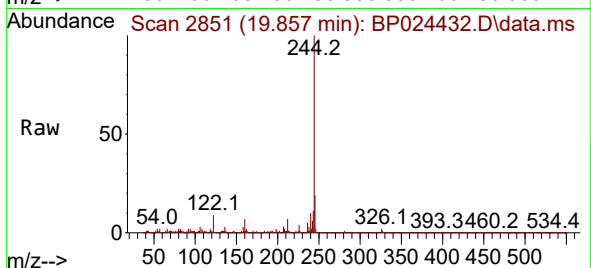
Tgt Ion:244 Resp: 720564

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.1 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.910 min Scan# 3710

Delta R.T. -0.024 min

Lab File: BP024432.D

Acq: 25 Apr 2025 21:15

Tgt Ion:264 Resp: 1193459

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.8 17.8 26.6

