

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024433.D
 Acq On : 25 Apr 2025 21:56
 Operator : RC/JU
 Sample : Q1878-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-4-042425

Quant Time: Apr 25 22:53:50 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	162380	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	694769	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	472999	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	920978	20.000	ng	0.00
76) Chrysene-d12	21.580	240	981233	20.000	ng	-0.01
86) Perylene-d12	24.933	264	1152421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	157068	15.994	ng	0.00
7) Phenol-d6	6.910	99	206743	15.374	ng	0.00
23) Nitrobenzene-d5	8.863	82	125724	10.318	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	124178	18.975	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	346834	11.227	ng	0.00
79) Terphenyl-d14	19.863	244	628918	12.919	ng	-0.01

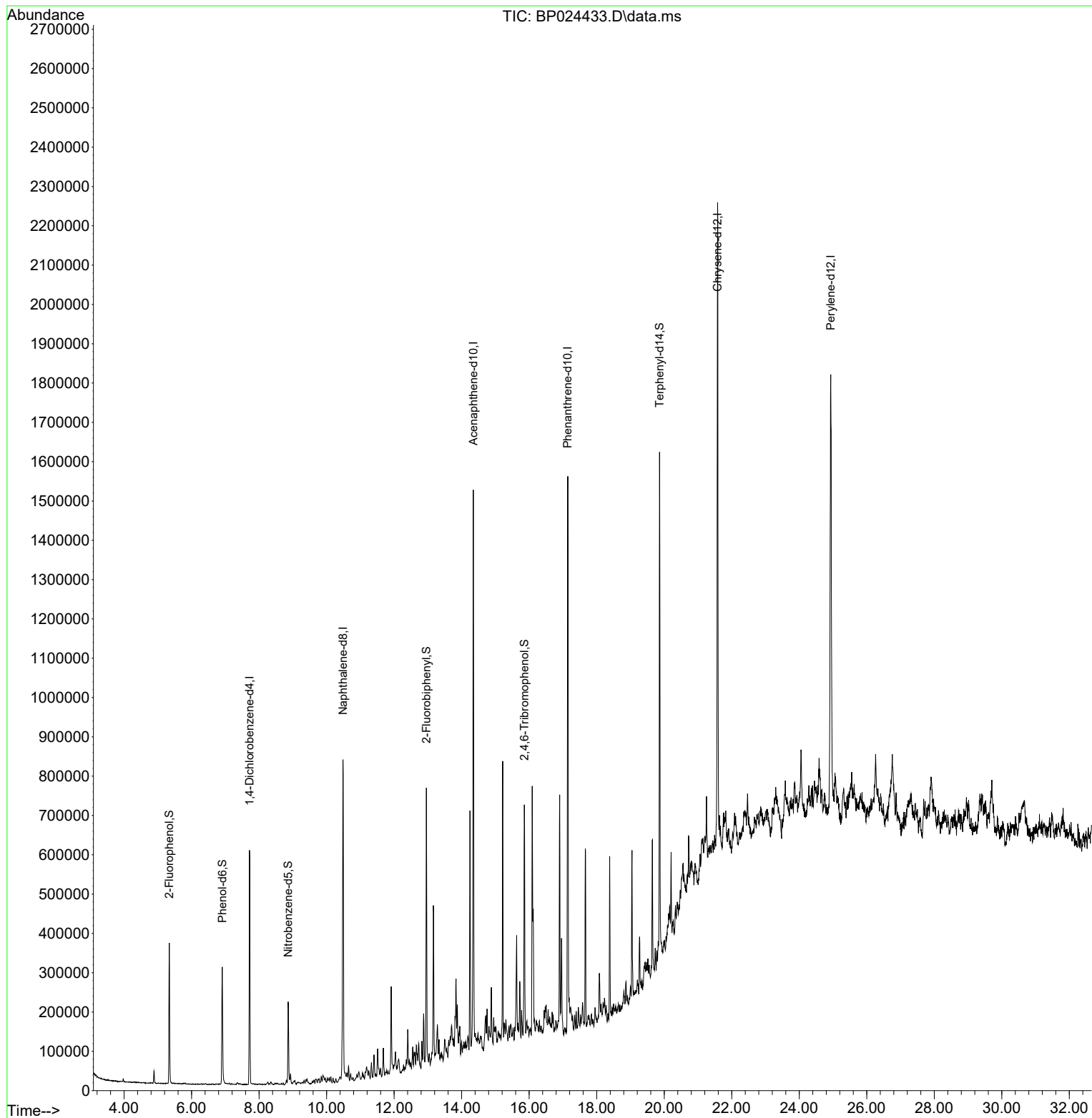
Target Compounds	Qvalue

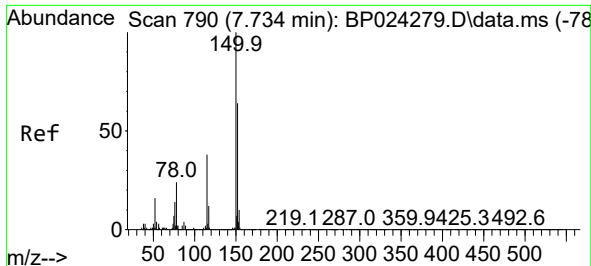
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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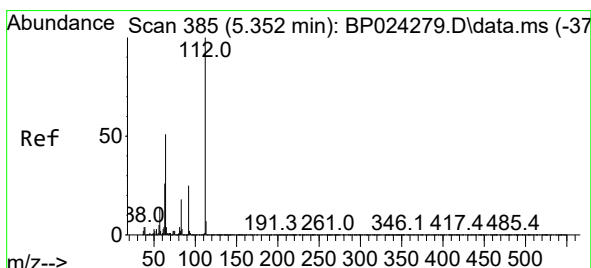
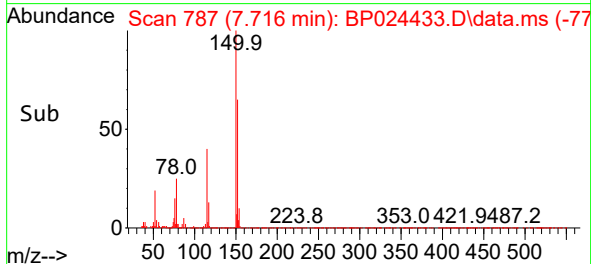
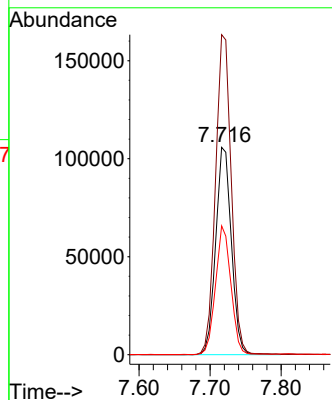
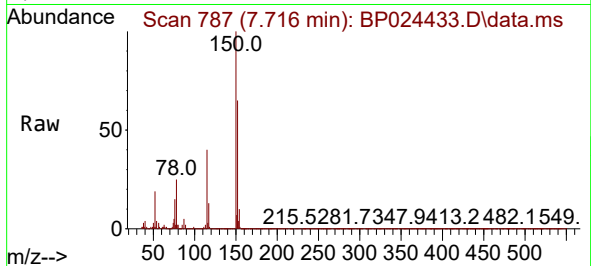




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024433.D
Acq: 25 Apr 2025 21:56

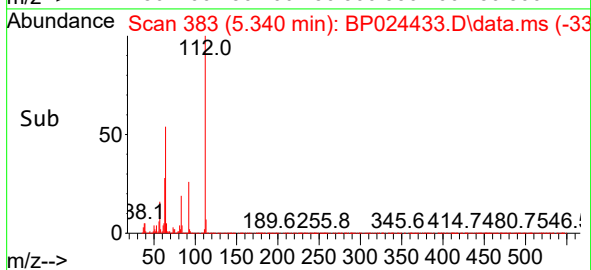
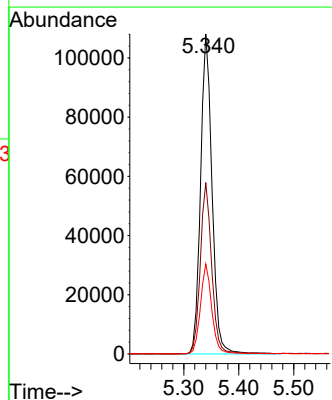
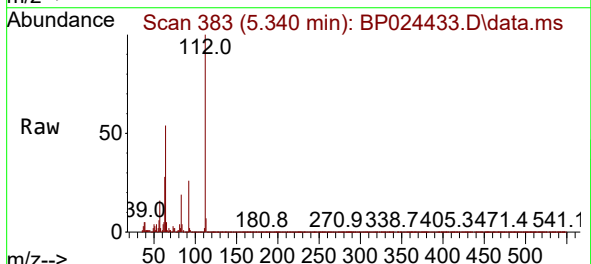
Instrument :
BNA_P
ClientSampleId :
TR-4-042425

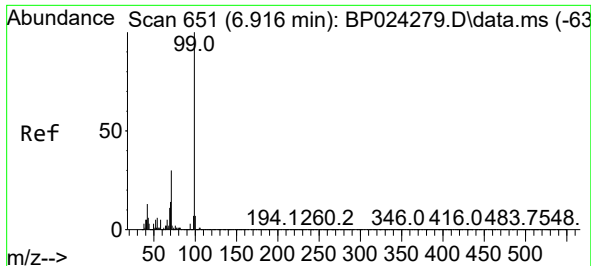
Tgt Ion:152 Resp: 162380
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 62.1 47.7 71.5



#5
2-Fluorophenol
Concen: 15.994 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024433.D
Acq: 25 Apr 2025 21:56

Tgt Ion:112 Resp: 157068
Ion Ratio Lower Upper
112 100
64 53.6 41.1 61.7
63 28.2 20.6 30.8

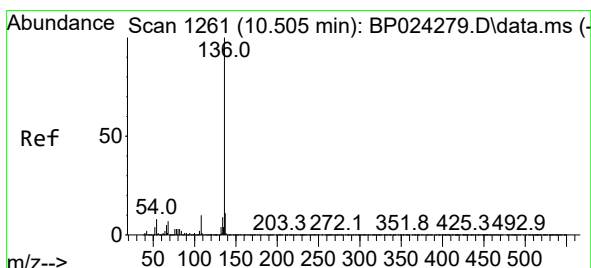
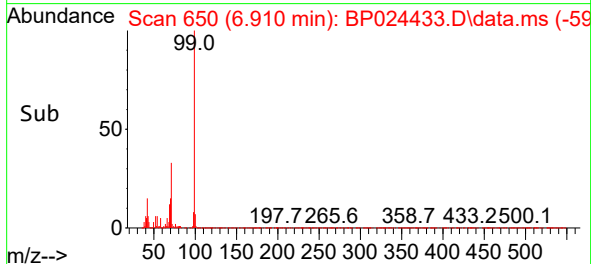
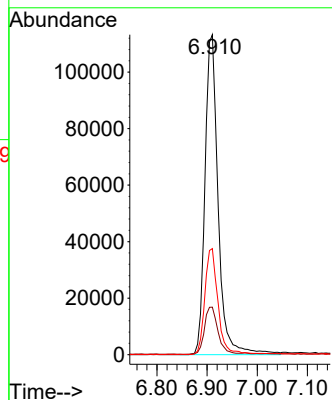
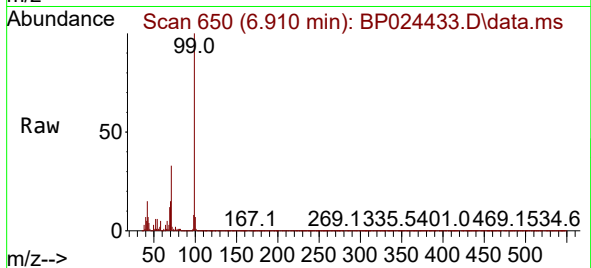




#7
Phenol-d6
Concen: 15.374 ng
RT: 6.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024433.D
Acq: 25 Apr 2025 21:56

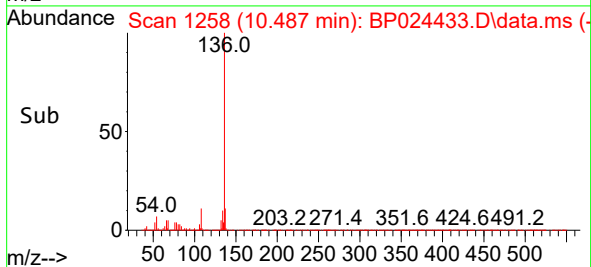
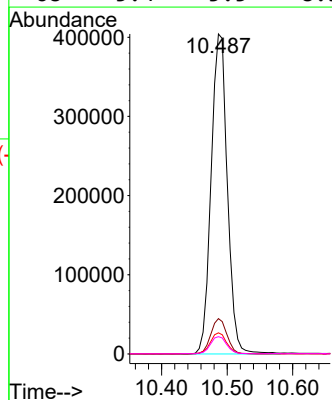
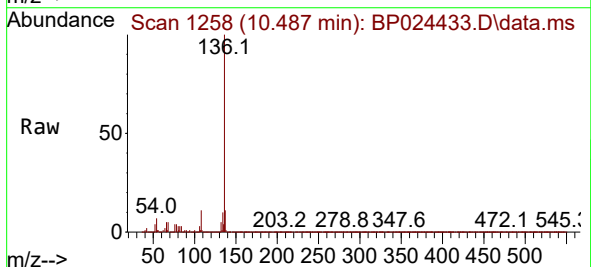
Instrument :
BNA_P
ClientSampleId :
TR-4-042425

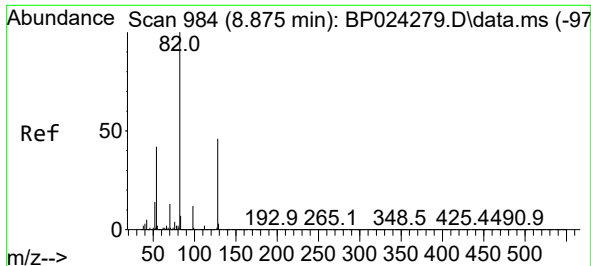
Tgt Ion: 99 Resp: 206743
Ion Ratio Lower Upper
99 100
42 14.9 10.6 16.0
71 33.2 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024433.D
Acq: 25 Apr 2025 21:56

Tgt Ion: 136 Resp: 694769
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.6 6.0 9.0
68 5.4 5.5 8.3#

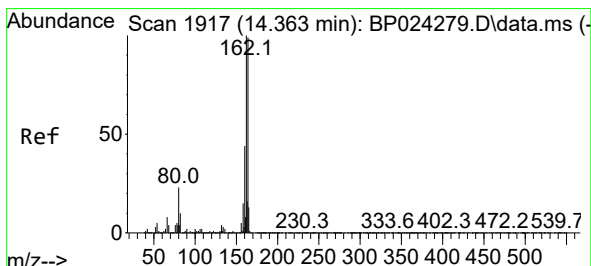
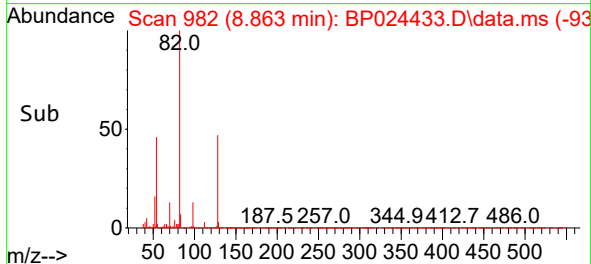
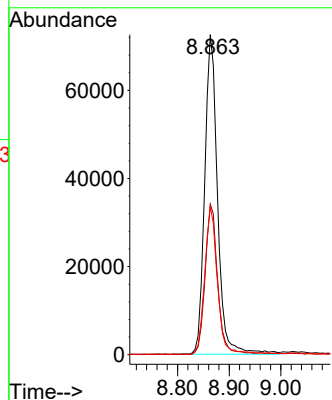
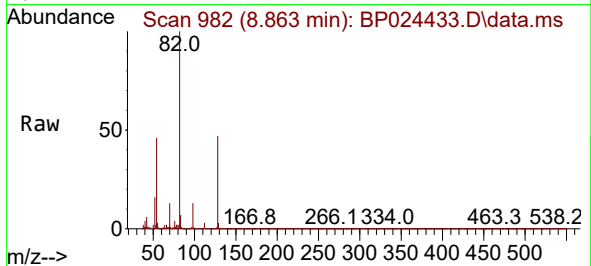




#23
 Nitrobenzene-d5
 Concen: 10.318 ng
 RT: 8.863 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024433.D
 Acq: 25 Apr 2025 21:56

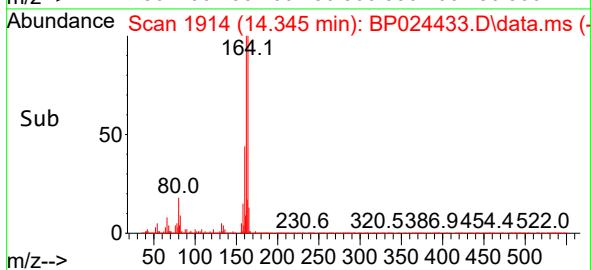
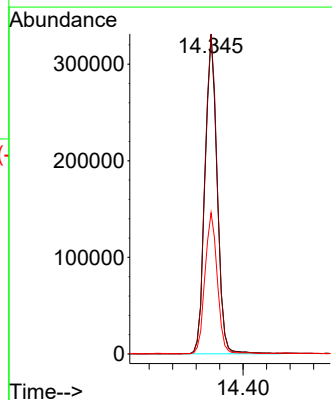
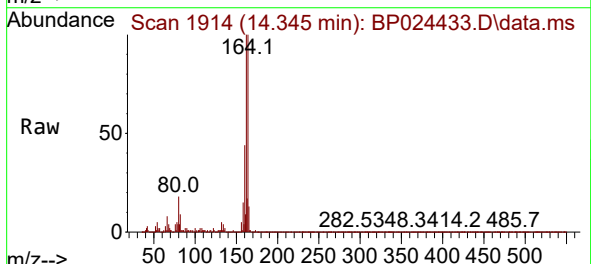
Instrument :
 BNA_P
 ClientSampleId :
 TR-4-042425

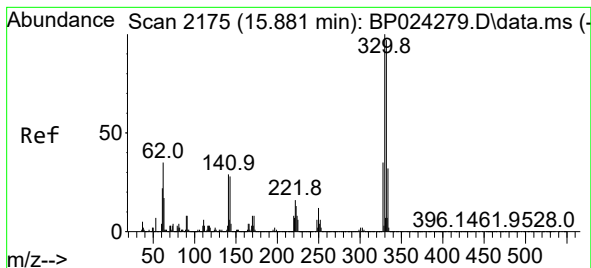
Tgt Ion: 82 Resp: 125724
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.5 54.7
 54 46.2 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BP024433.D
 Acq: 25 Apr 2025 21:56

Tgt Ion: 164 Resp: 472999
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.6 120.8
 160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 18.975 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024433.D

Acq: 25 Apr 2025 21:56

Instrument :

BNA_P

ClientSampleId :

TR-4-042425

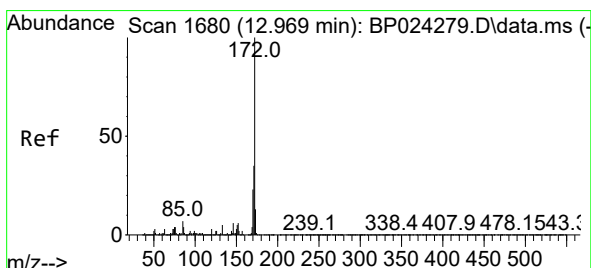
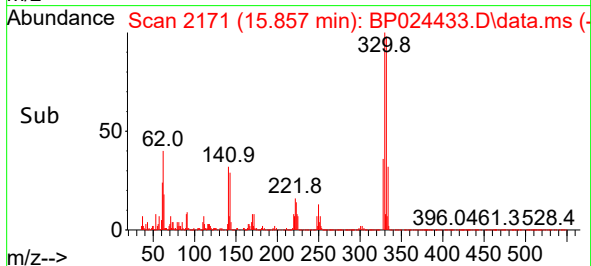
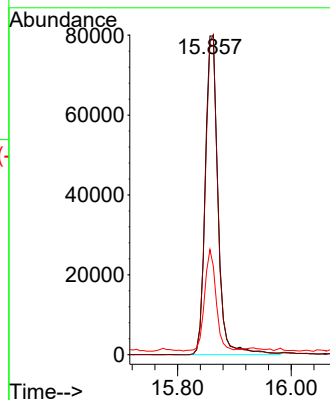
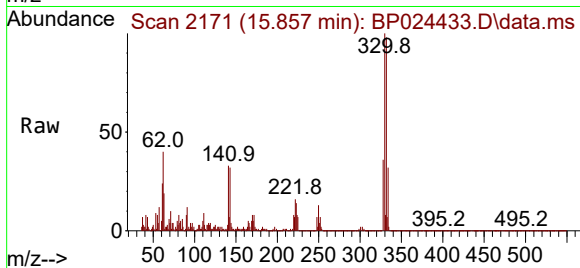
Tgt Ion:330 Resp: 124178

Ion Ratio Lower Upper

330 100

332 98.2 77.1 115.7

141 28.6 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 11.227 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024433.D

Acq: 25 Apr 2025 21:56

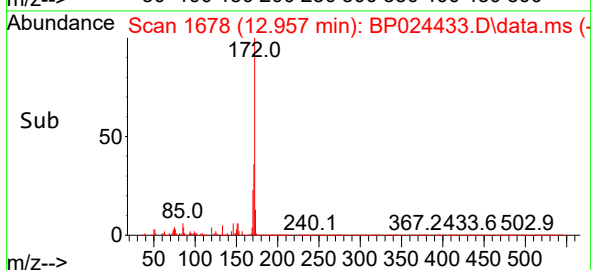
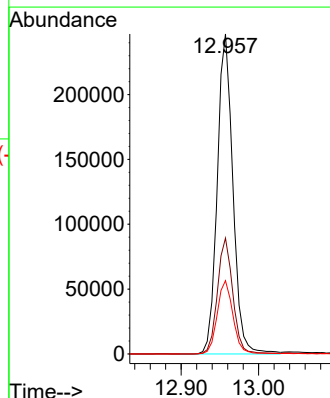
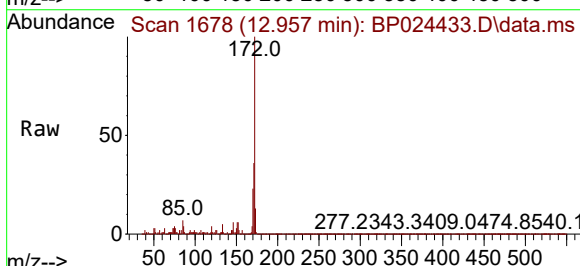
Tgt Ion:172 Resp: 346834

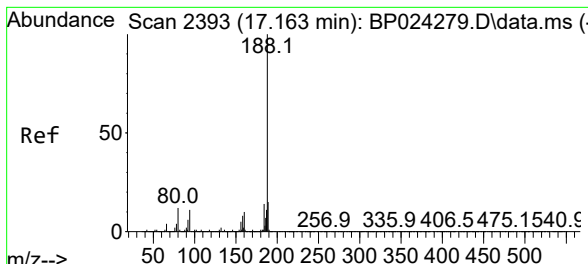
Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.2

170 22.9 18.6 27.8

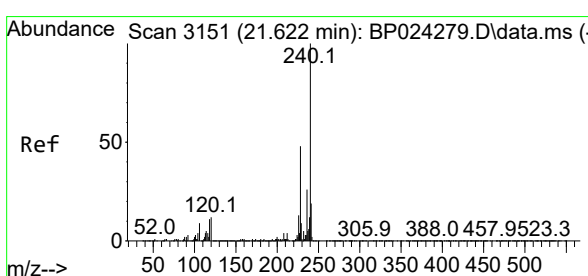
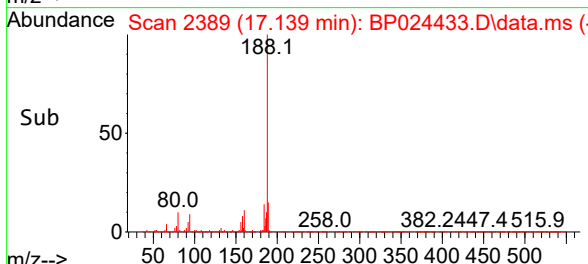
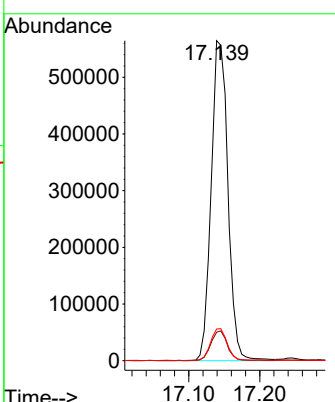
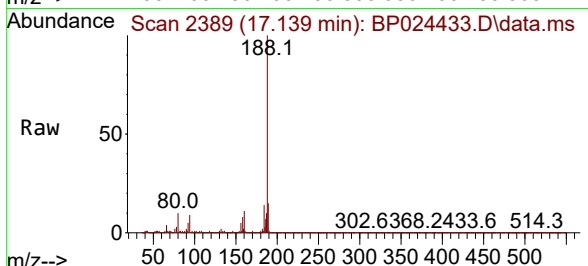




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.139 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024433.D
 Acq: 25 Apr 2025 21:56

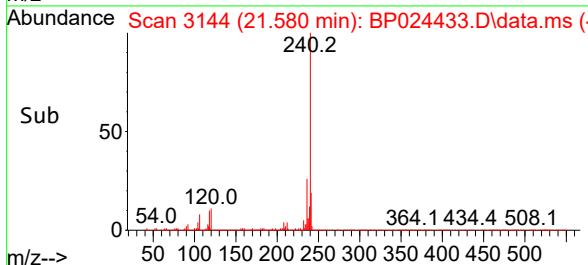
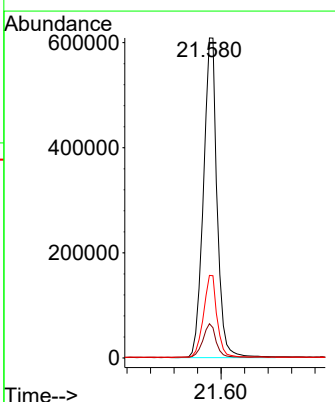
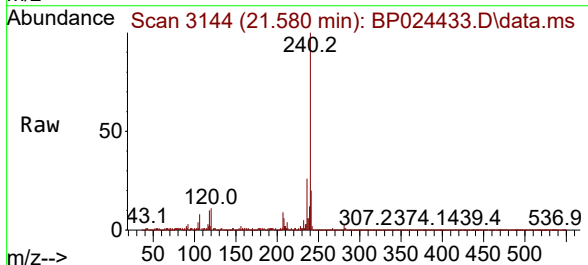
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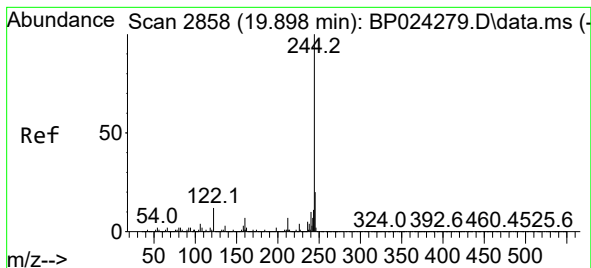
Tgt Ion:	188	Resp:	920978
Ion Ratio	Lower	Upper	
188	100		
94	8.9	8.6	13.0
80	9.9	9.8	14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.580 min Scan# 3144
 Delta R.T. -0.012 min
 Lab File: BP024433.D
 Acq: 25 Apr 2025 21:56

Tgt Ion:	240	Resp:	981233
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.8	14.8
236	25.8	20.9	31.3





#79

Terphenyl-d14

Concen: 12.919 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024433.D

Acq: 25 Apr 2025 21:56

Instrument :

BNA_P

ClientSampleId :

TR-4-042425

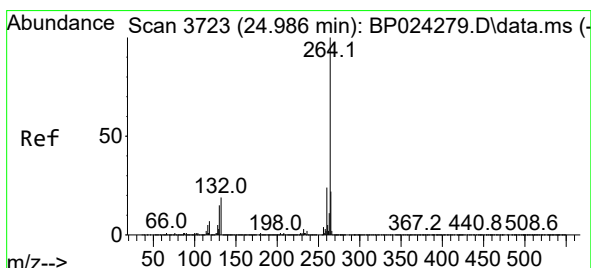
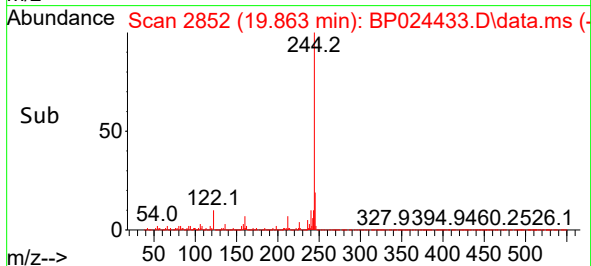
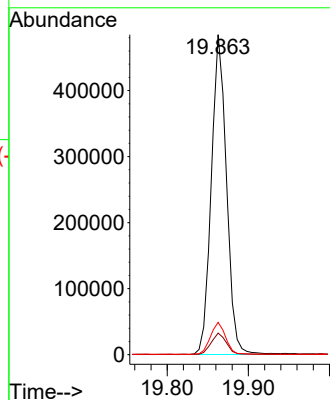
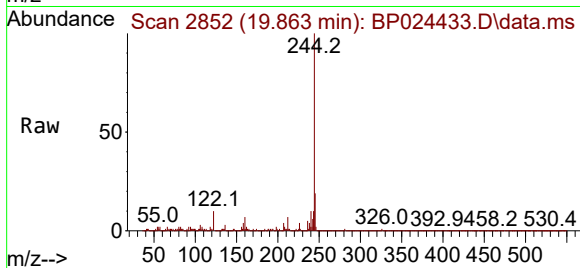
Tgt Ion:244 Resp: 628918

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.1 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: BP024433.D

Acq: 25 Apr 2025 21:56

Tgt Ion:264 Resp: 1152421

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.9 17.8 26.6

