

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
Data File : BP024454.D
Acq On : 29 Apr 2025 11:10
Operator : RC/JU
Sample : PB167743TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167743TB

Quant Time: Apr 29 11:38:23 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	211923	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	816814	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	495864	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	883716	20.000	ng	0.00
76) Chrysene-d12	21.592	240	891557	20.000	ng	0.00
86) Perylene-d12	24.921	264	1024824	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1609790	125.598	ng	0.00
7) Phenol-d6	6.905	99	1949780	111.098	ng	0.00
23) Nitrobenzene-d5	8.863	82	1225203	85.531	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	984518	143.504	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2832794	87.470	ng	0.00
79) Terphenyl-d14	19.874	244	4039779	91.332	ng	0.00

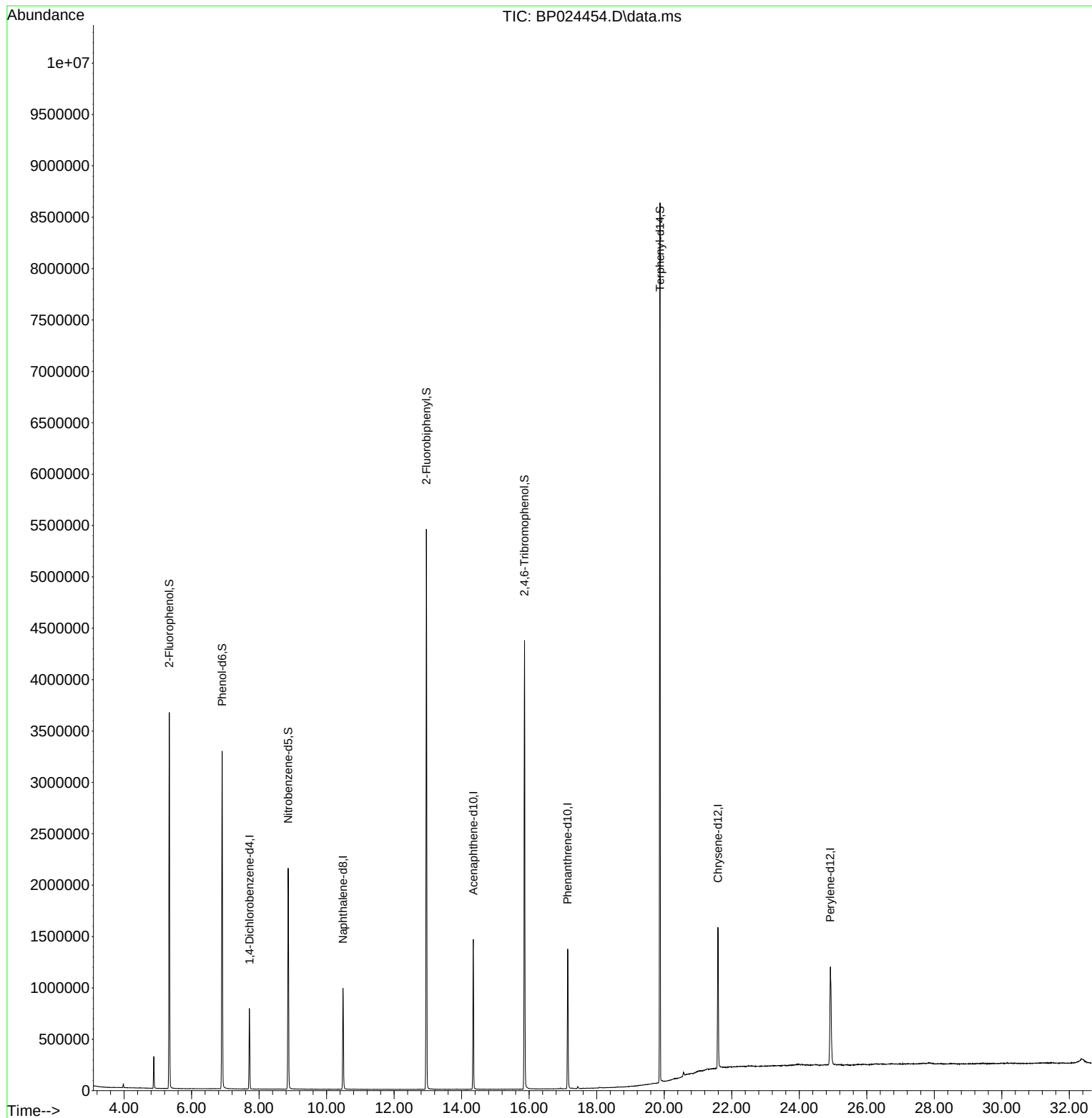
Target Compounds	Qvalue

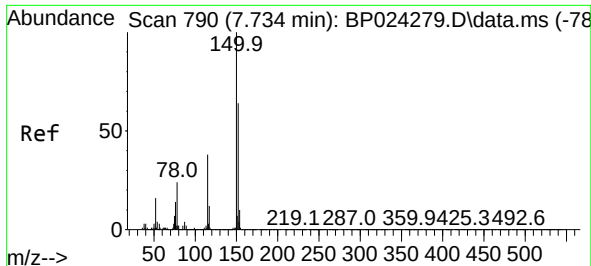
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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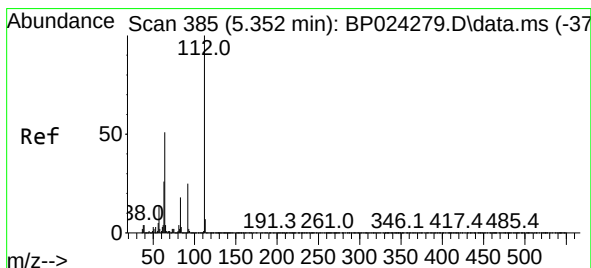
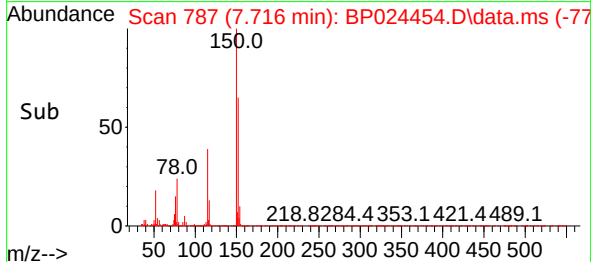
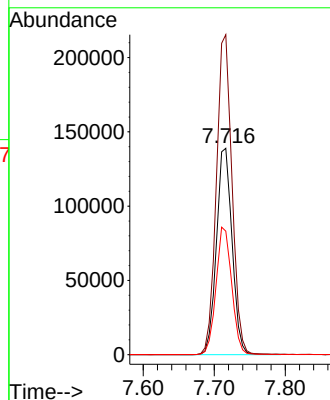
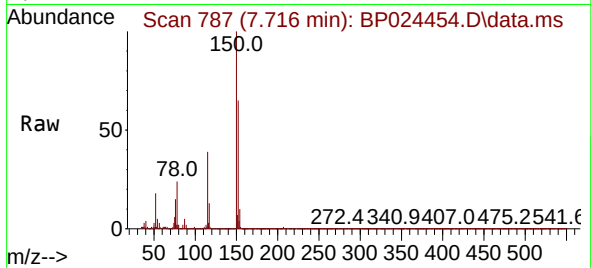




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024454.D
 Acq: 29 Apr 2025 11:10

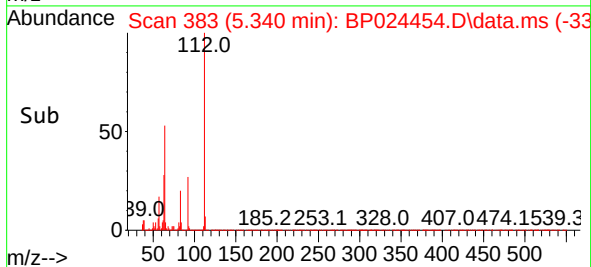
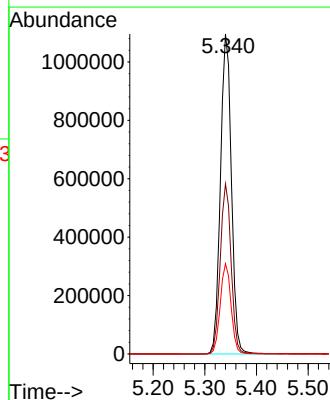
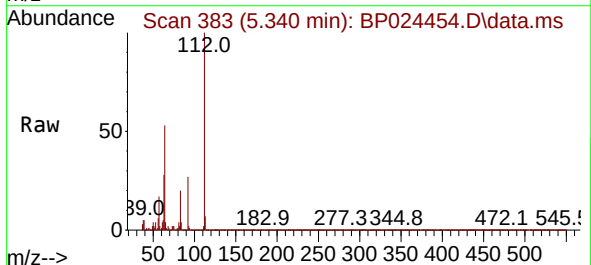
Instrument :
 BNA_P
 ClientSampleId :
 PB167743TB

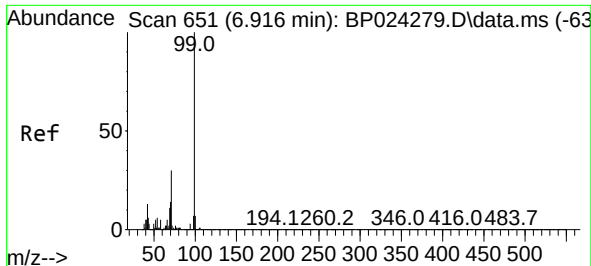
Tgt Ion:152 Resp: 211923
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.9 187.3
 115 59.9 47.7 71.5



#5
 2-Fluorophenol
 Concen: 125.598 ng
 RT: 5.340 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: BP024454.D
 Acq: 29 Apr 2025 11:10

Tgt Ion:112 Resp: 1609790
 Ion Ratio Lower Upper
 112 100
 64 53.2 41.1 61.7
 63 28.2 20.6 30.8

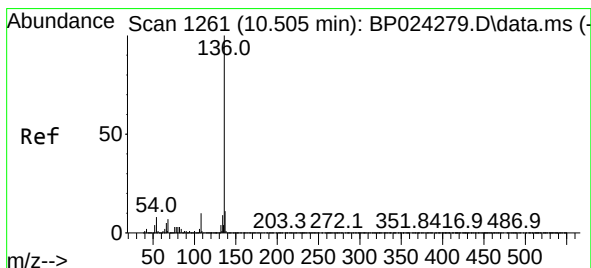
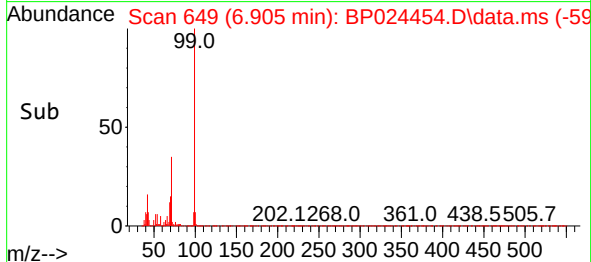
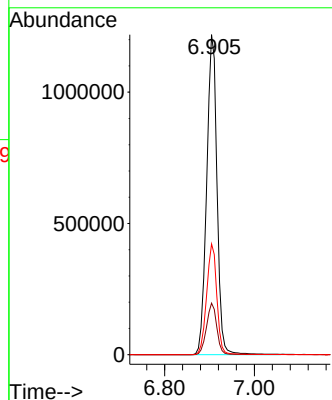
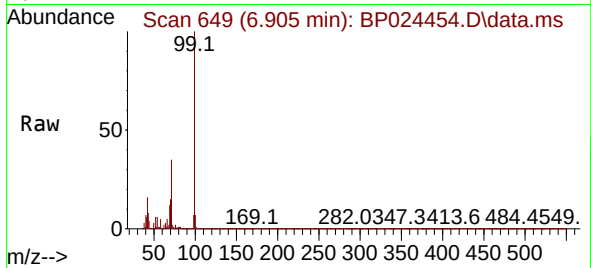




#7
Phenol-d6
Concen: 111.098 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024454.D
Acq: 29 Apr 2025 11:10

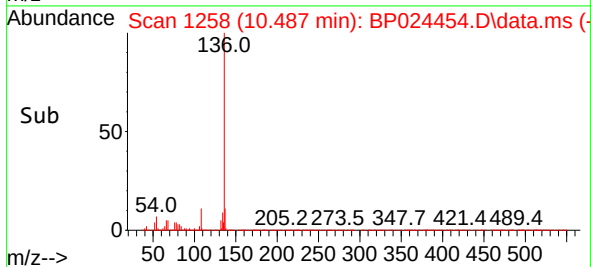
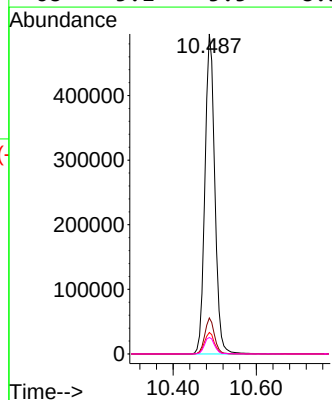
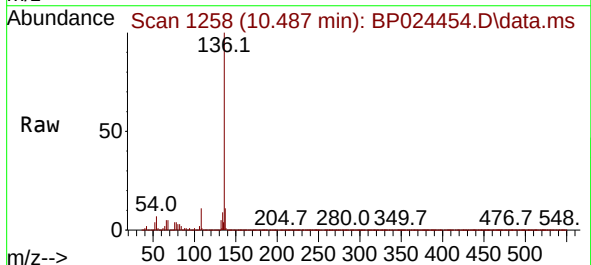
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ClientSampleId :
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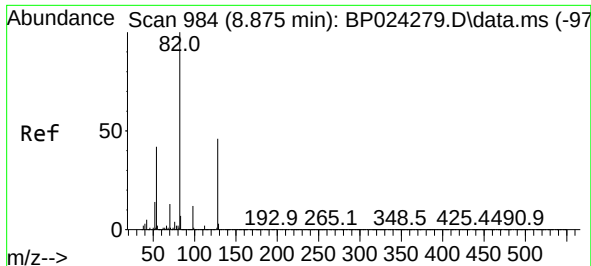
Tgt Ion: 99 Resp: 1949780
Ion Ratio Lower Upper
99 100
42 16.1 10.6 16.0#
71 34.6 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024454.D
Acq: 29 Apr 2025 11:10

Tgt Ion:136 Resp: 816814
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.7 6.0 9.0
68 5.1 5.5 8.3#

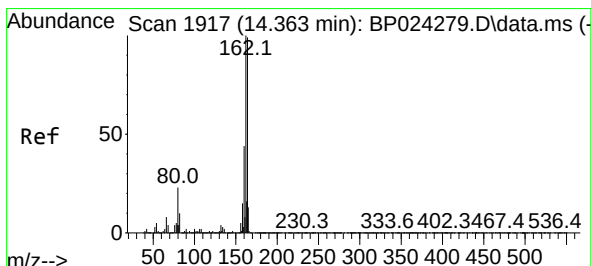
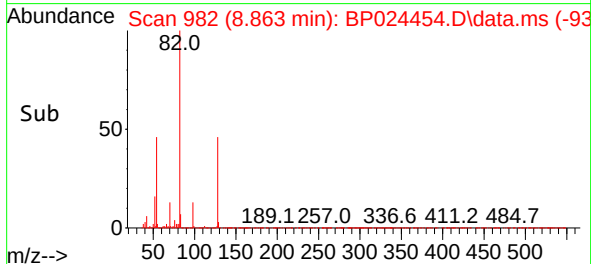
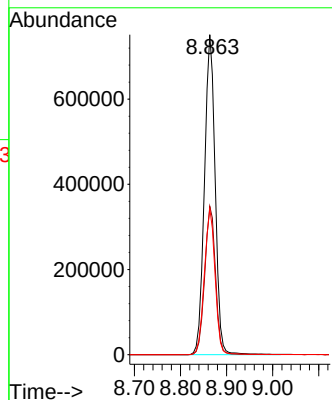
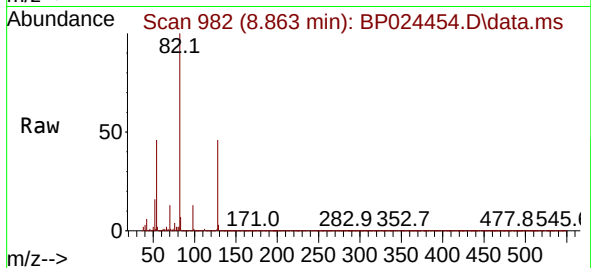




#23
Nitrobenzene-d5
Concen: 85.531 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024454.D
Acq: 29 Apr 2025 11:10

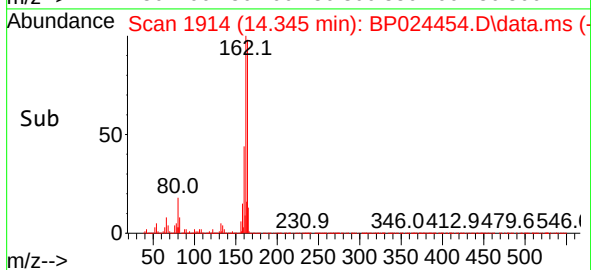
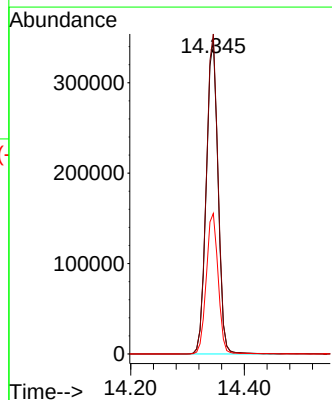
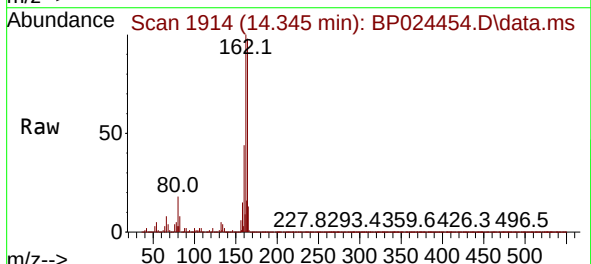
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BNA_P
ClientSampleId :
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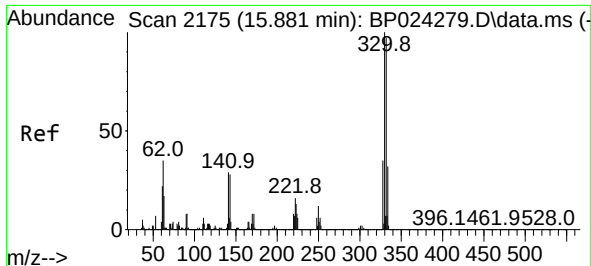
Tgt Ion: 82 Resp: 1225203
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 45.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024454.D
Acq: 29 Apr 2025 11:10

Tgt Ion: 164 Resp: 495864
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 44.7 35.3 52.9

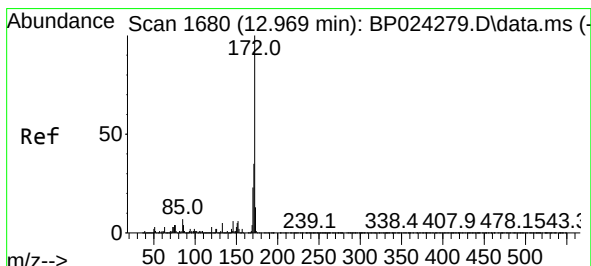
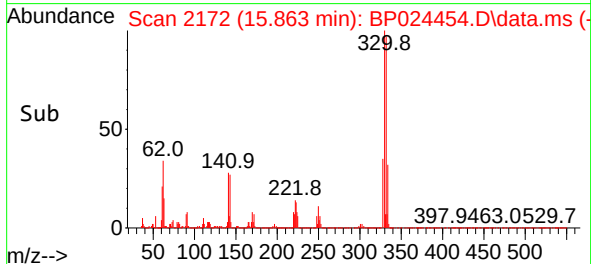
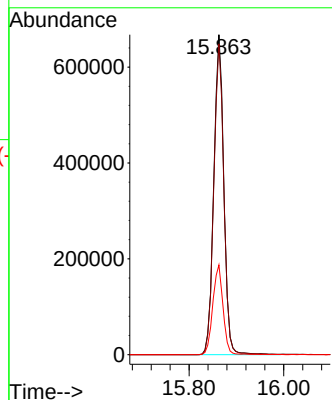
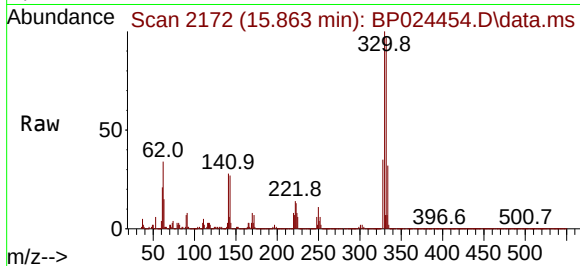




#42
2,4,6-Tribromophenol
Concen: 143.504 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024454.D
Acq: 29 Apr 2025 11:10

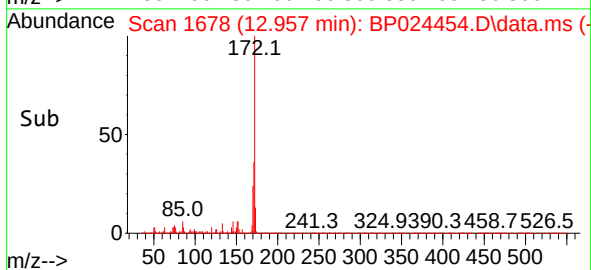
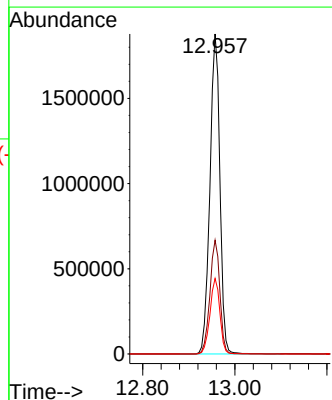
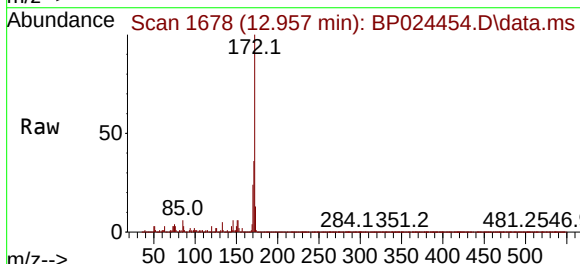
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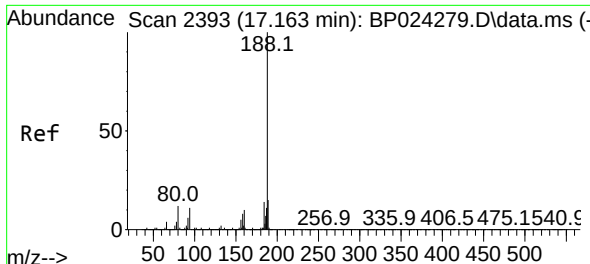
Tgt Ion:330 Resp: 984518
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 28.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 87.470 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024454.D
Acq: 29 Apr 2025 11:10

Tgt Ion:172 Resp: 2832794
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.6 18.6 27.8

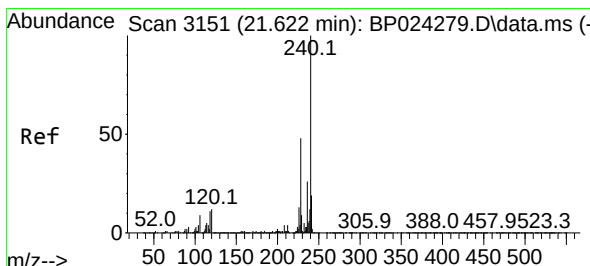
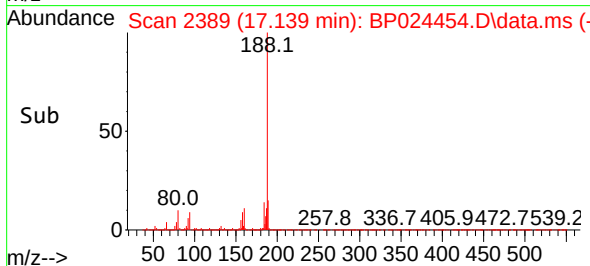
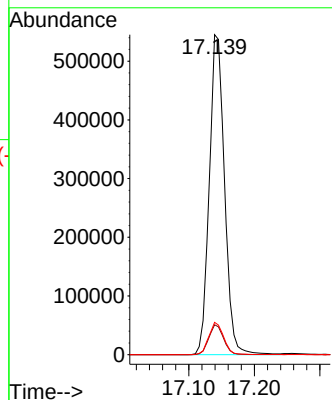
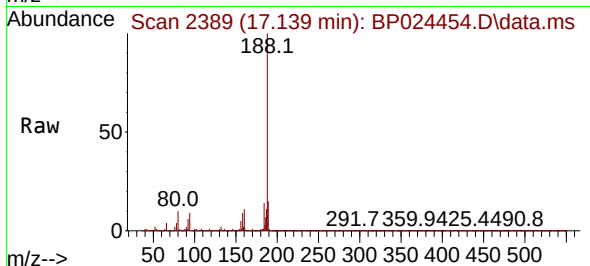




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024454.D
Acq: 29 Apr 2025 11:10

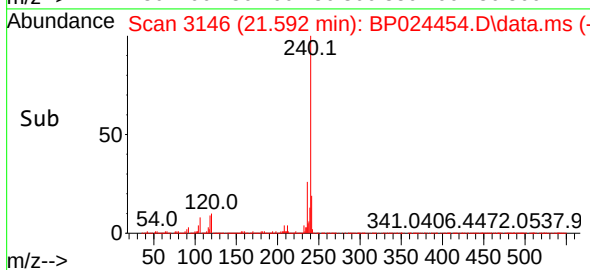
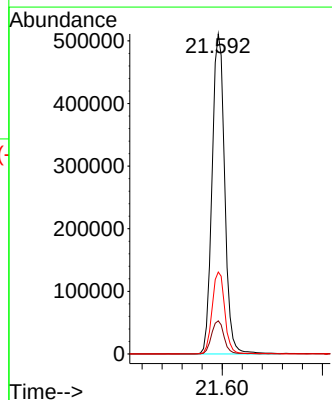
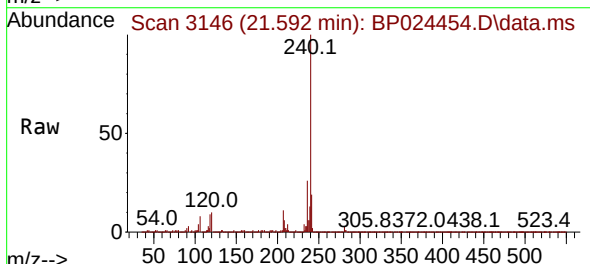
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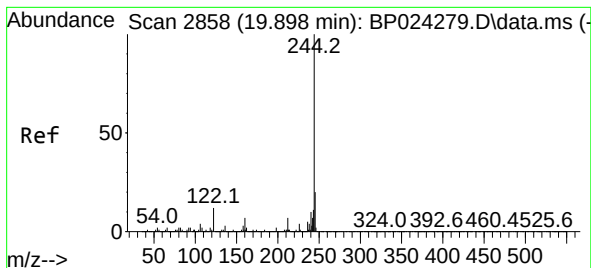
Tgt Ion:188 Resp: 883716
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 10.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024454.D
Acq: 29 Apr 2025 11:10

Tgt Ion:240 Resp: 891557
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 91.332 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024454.D

Acq: 29 Apr 2025 11:10

Instrument :

BNA_P

ClientSampleId :

PB167743TB

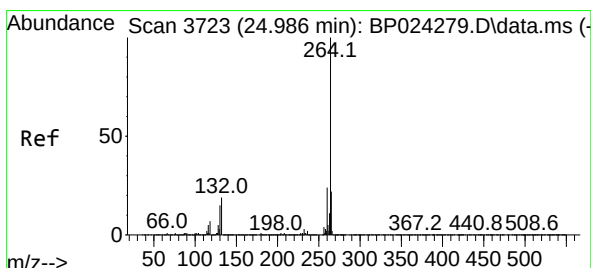
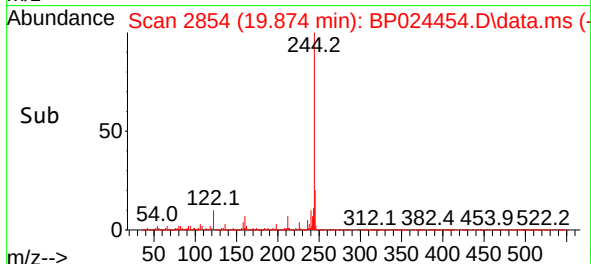
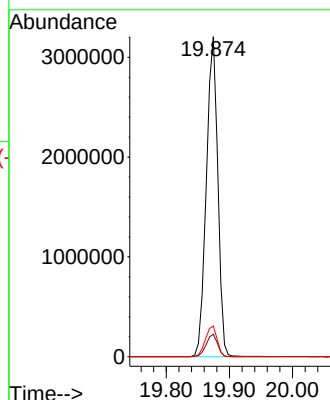
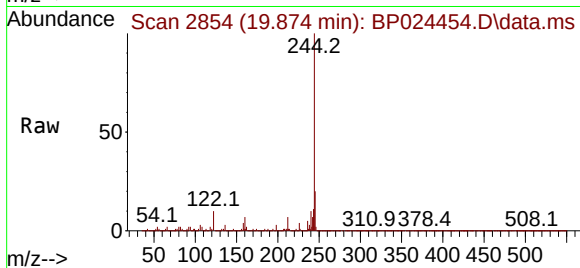
Tgt Ion:244 Resp: 4039779

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 3712

Delta R.T. -0.012 min

Lab File: BP024454.D

Acq: 29 Apr 2025 11:10

Tgt Ion:264 Resp: 1024824

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.8 17.8 26.6

