

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024449.D
 Acq On : 28 Apr 2025 23:08
 Operator : RC/JU
 Sample : Q1892-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-U2

Quant Time: Apr 29 01:26:23 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	177414	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	759756	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	498857	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	979115	20.000	ng	#-0.01
76) Chrysene-d12	21.586	240	1063337	20.000	ng	0.00
86) Perylene-d12	24.915	264	1254056	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	825932	76.975	ng	0.00
7) Phenol-d6	6.905	99	1217559	82.871	ng	0.00
23) Nitrobenzene-d5	8.863	82	649317	48.733	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	760547	110.193	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1721897	52.849	ng	-0.01
79) Terphenyl-d14	19.857	244	2958419	56.079	ng	-0.02

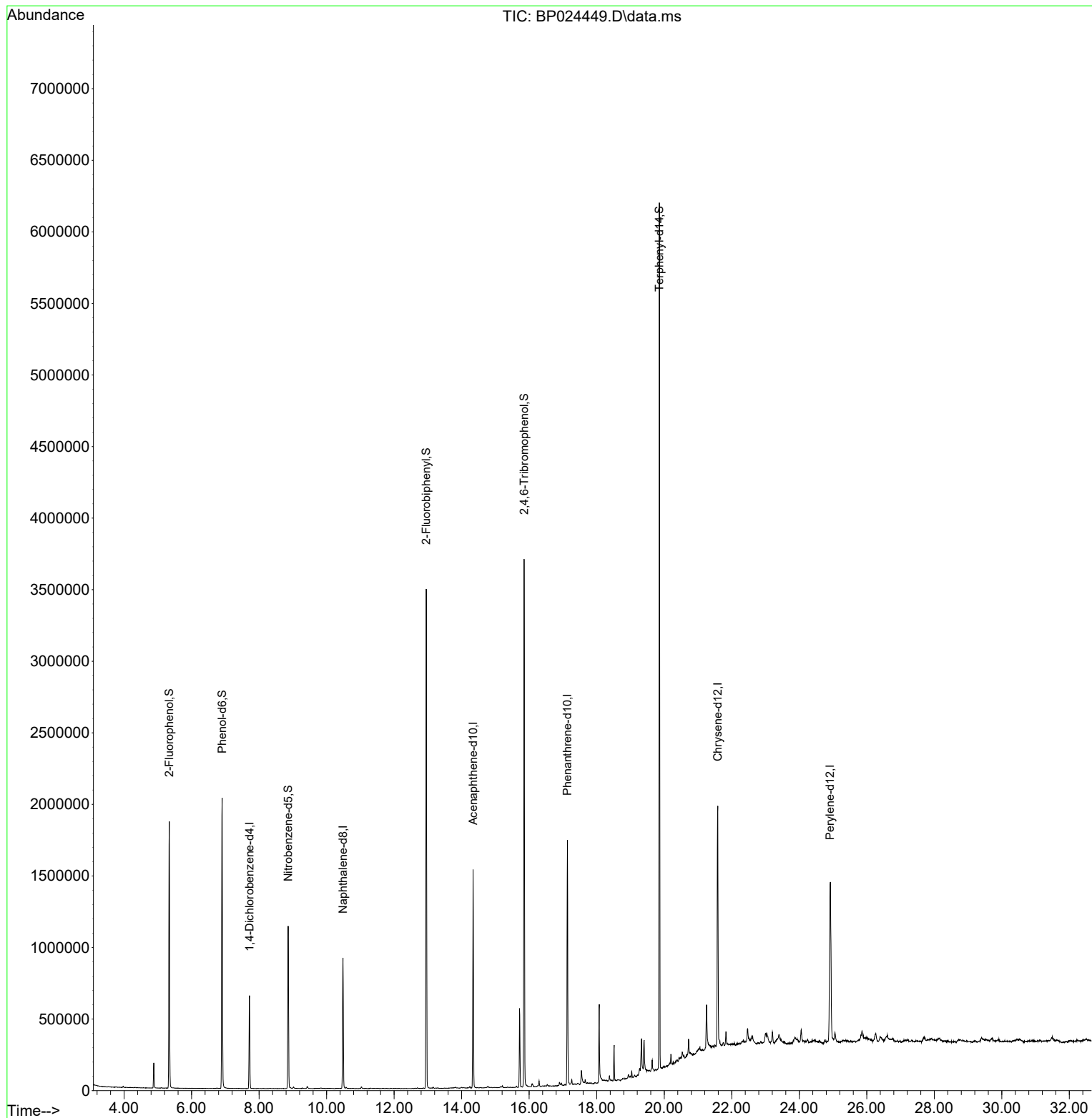
Target Compounds	Qvalue

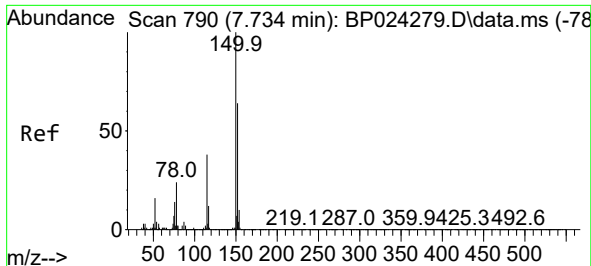
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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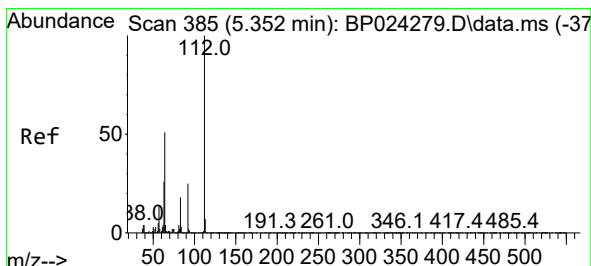
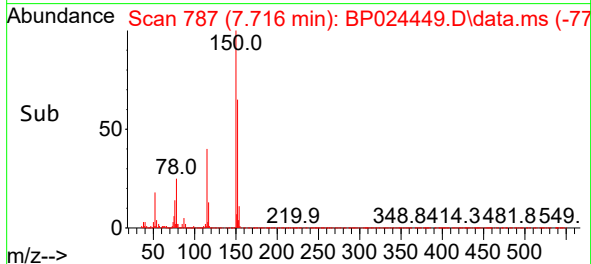
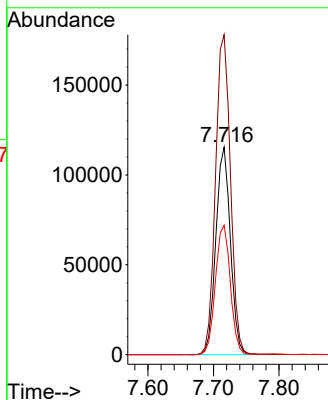
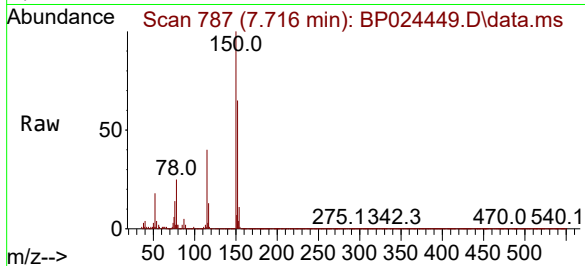




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

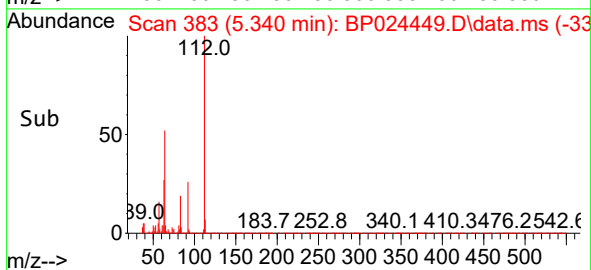
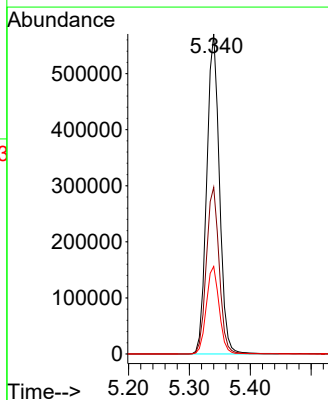
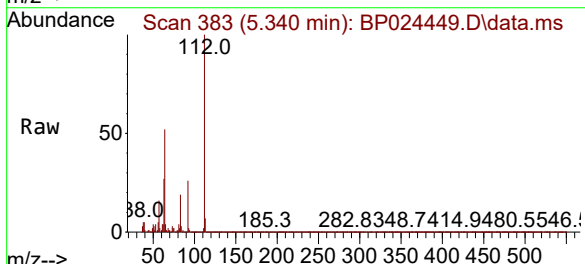
Instrument :
BNA_P
ClientSampleId :
MH-U2

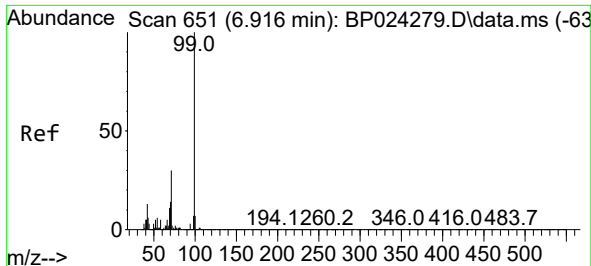
Tgt Ion:152 Resp: 177414
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 76.975 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

Tgt Ion:112 Resp: 825932
Ion Ratio Lower Upper
112 100
64 52.1 41.1 61.7
63 27.4 20.6 30.8

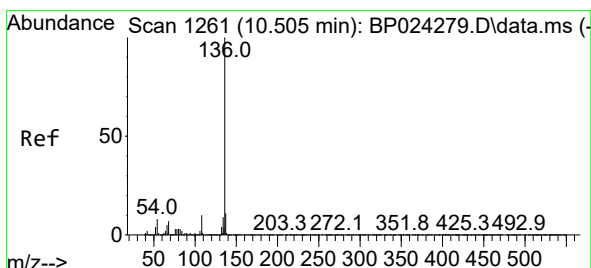
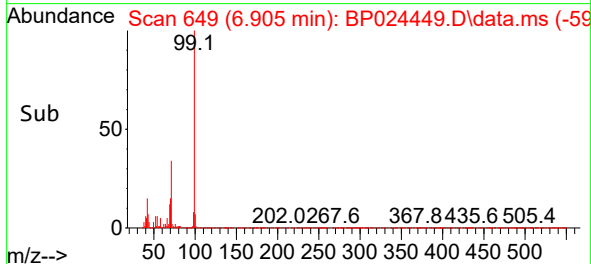
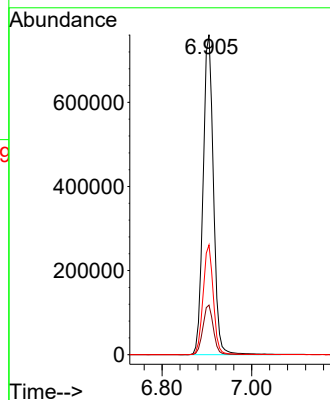
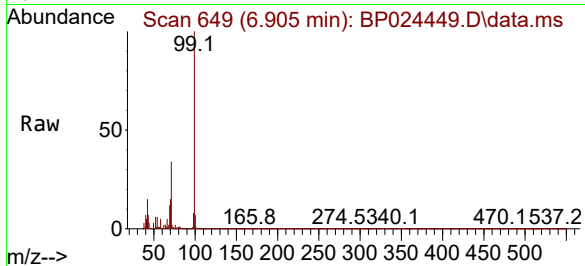




#7
Phenol-d6
Concen: 82.871 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

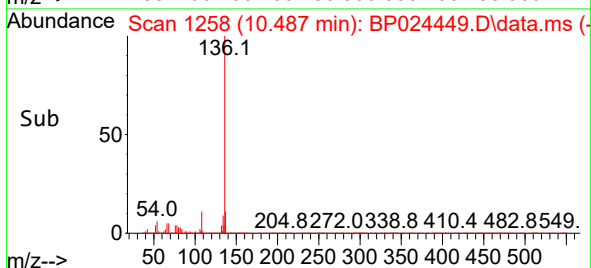
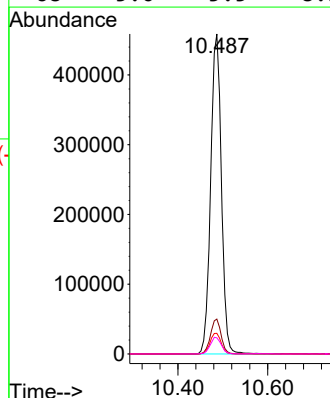
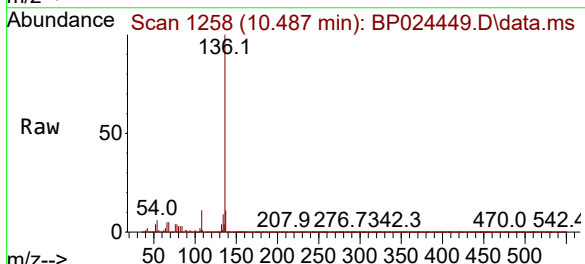
Instrument :
BNA_P
ClientSampleId :
MH-U2

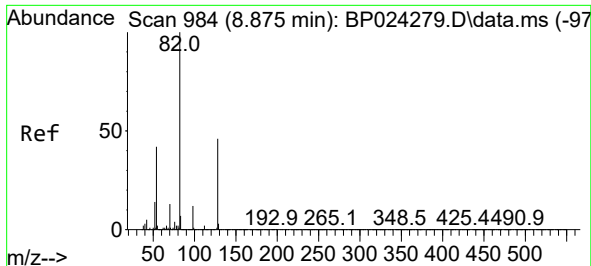
Tgt Ion: 99 Resp: 1217559
Ion Ratio Lower Upper
99 100
42 15.5 10.6 16.0
71 34.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

Tgt Ion: 136 Resp: 759756
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.5 6.0 9.0
68 5.0 5.5 8.3

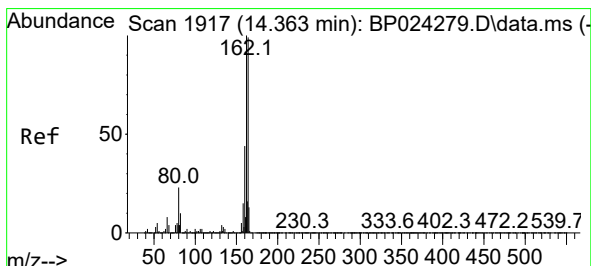
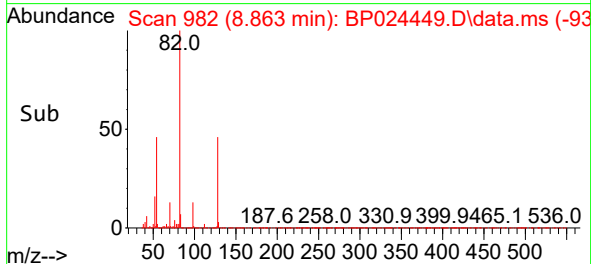
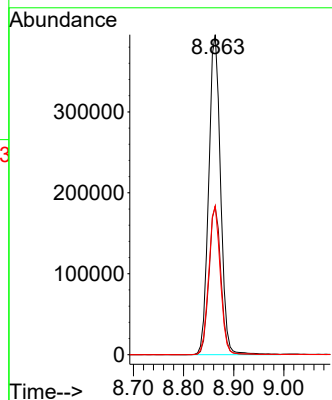
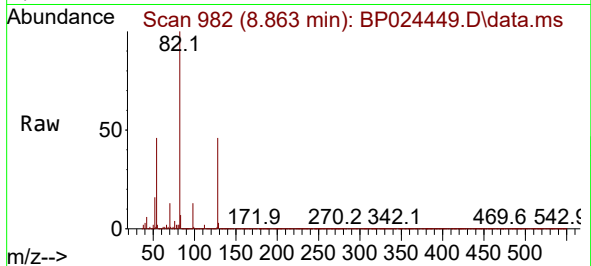




#23
Nitrobenzene-d5
Concen: 48.733 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

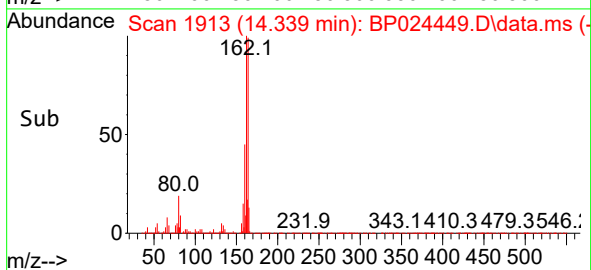
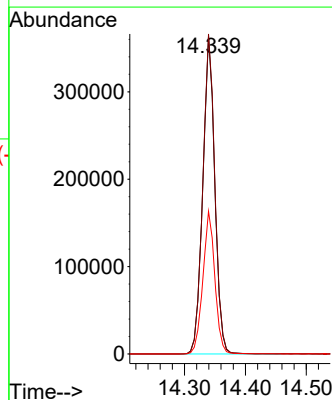
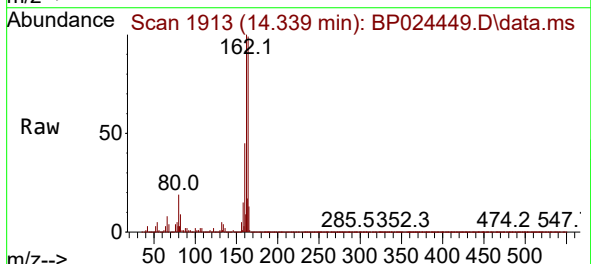
Instrument :
BNA_P
ClientSampleId :
MH-U2

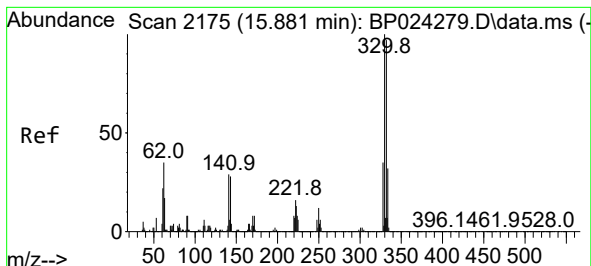
Tgt Ion: 82 Resp: 649317
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 46.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

Tgt Ion:164 Resp: 498857
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.9 35.3 52.9

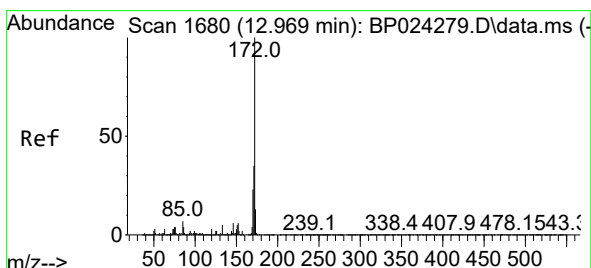
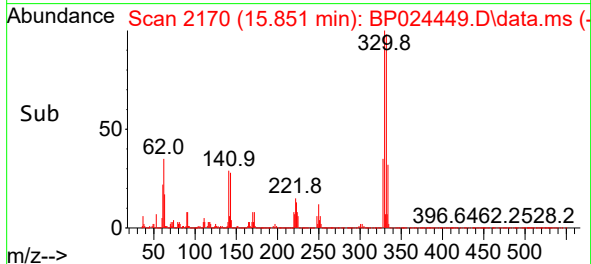
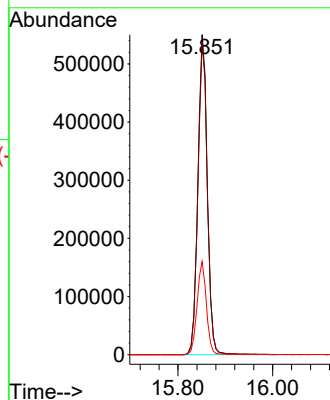
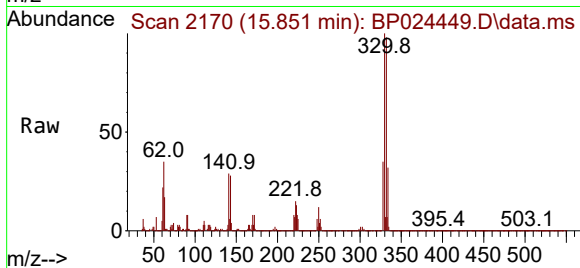




#42
2,4,6-Tribromophenol
Concen: 110.193 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

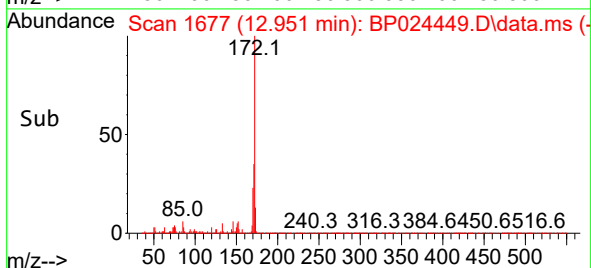
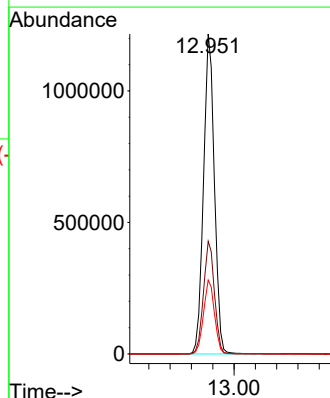
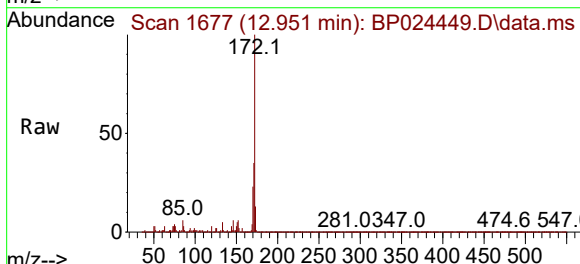
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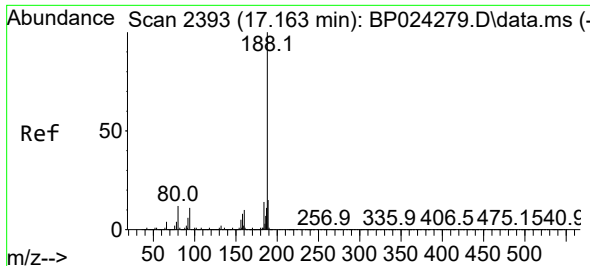
Tgt Ion:330 Resp: 760547
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 28.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 52.849 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

Tgt Ion:172 Resp: 1721897
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.1 18.6 27.8

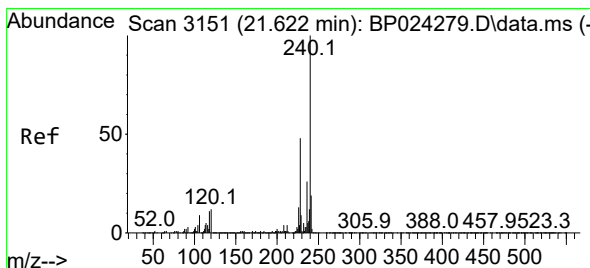
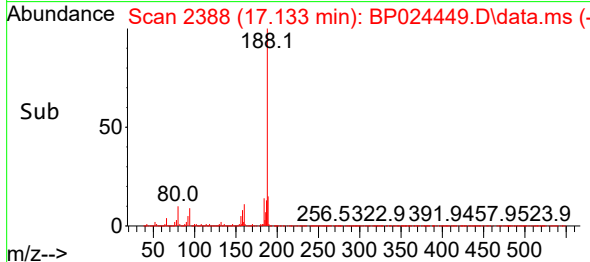
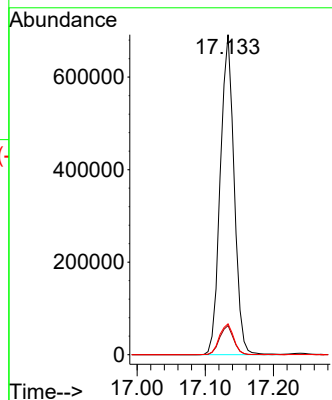
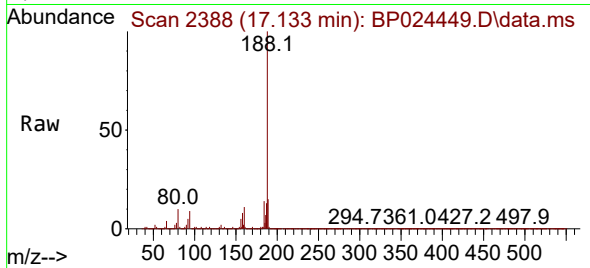




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

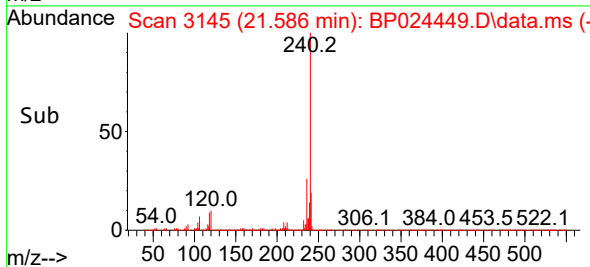
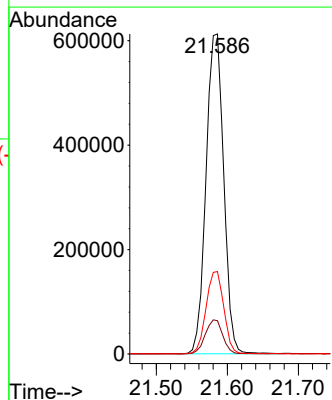
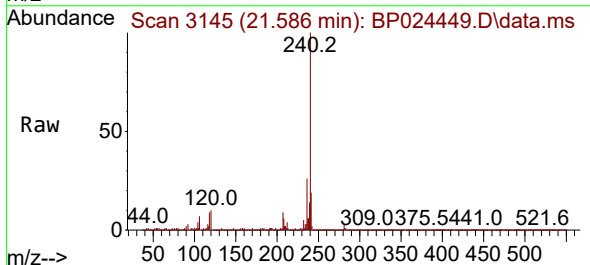
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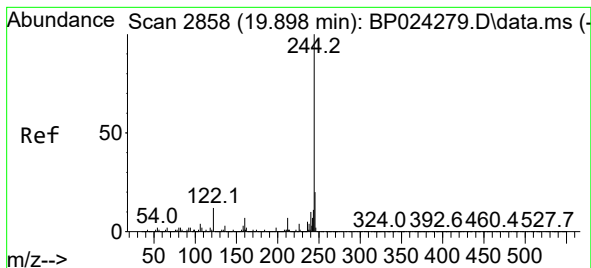
Tgt Ion:188 Resp: 979115
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 9.7 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024449.D
Acq: 28 Apr 2025 23:08

Tgt Ion:240 Resp: 1063337
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 56.079 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024449.D

Acq: 28 Apr 2025 23:08

Instrument :

BNA_P

ClientSampleId :

MH-U2

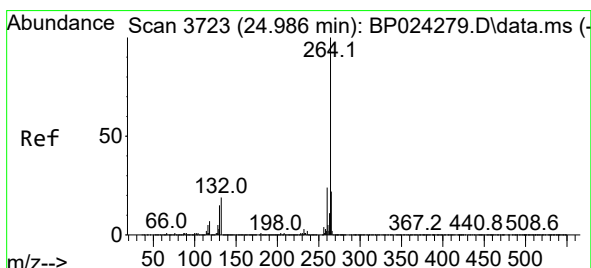
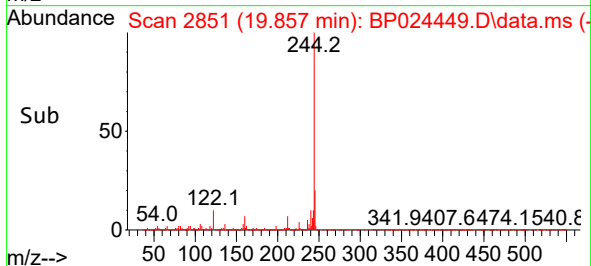
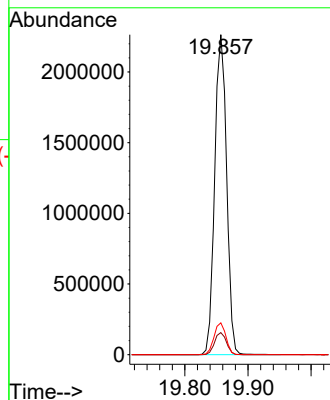
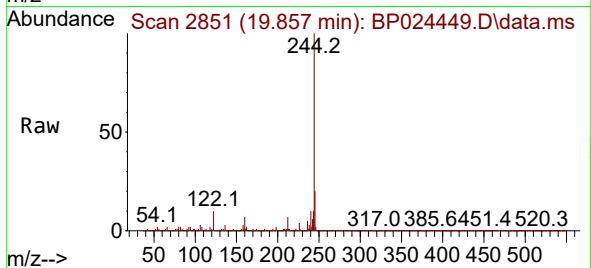
Tgt Ion:244 Resp: 2958419

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.0 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.915 min Scan# 3711

Delta R.T. -0.018 min

Lab File: BP024449.D

Acq: 28 Apr 2025 23:08

Tgt Ion:264 Resp: 1254056

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.0 17.8 26.6

