

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024447.D
 Acq On : 28 Apr 2025 21:47
 Operator : RC/JU
 Sample : Q1892-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-G

Quant Time: Apr 29 01:25:44 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)

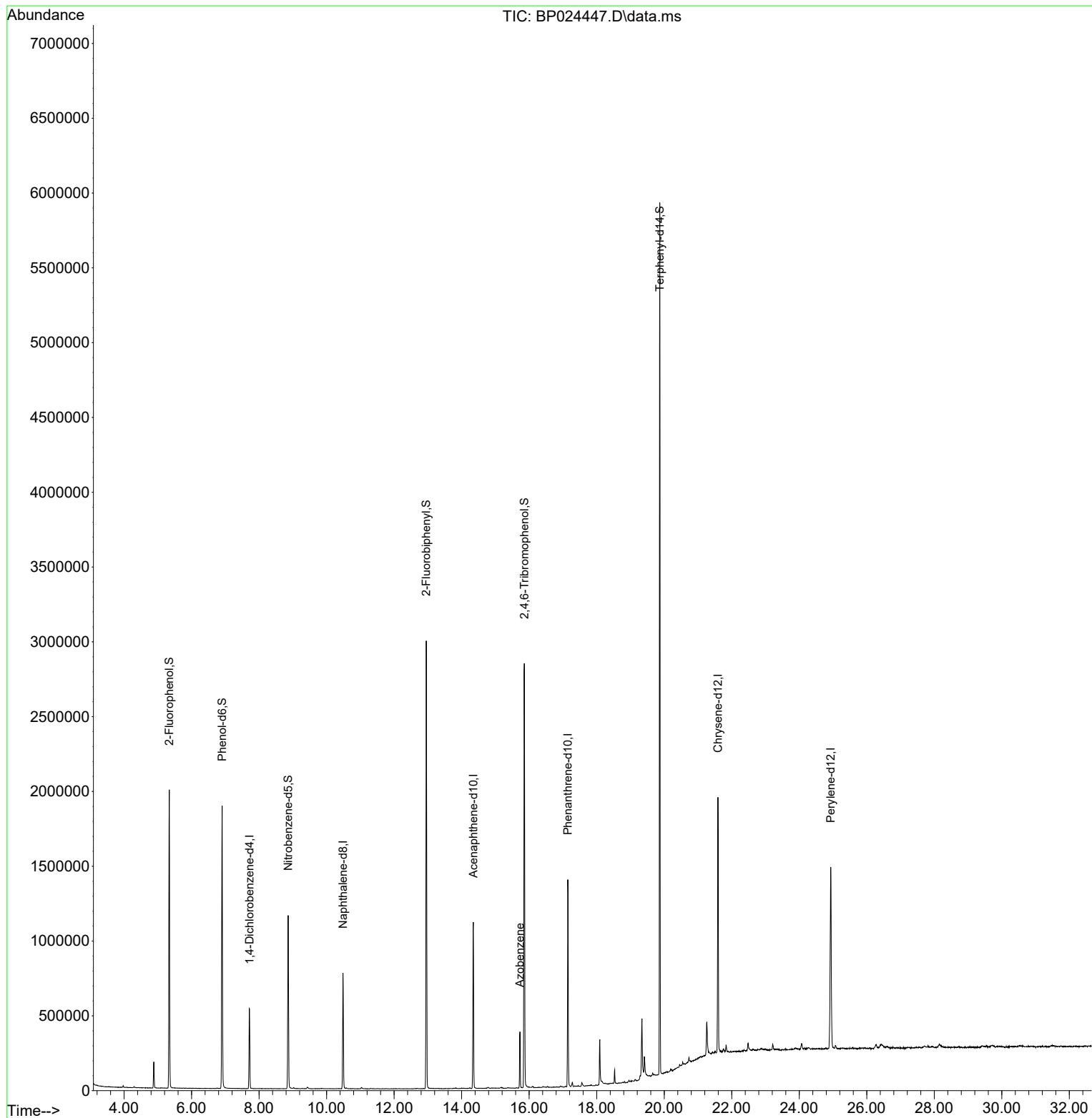
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	154054	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	610018	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	398183	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	794603	20.000	ng	0.00
76) Chrysene-d12	21.592	240	932336	20.000	ng	0.00
86) Perylene-d12	24.933	264	1088430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	877536	94.186	ng	0.00
7) Phenol-d6	6.905	99	1112854	87.230	ng	0.00
23) Nitrobenzene-d5	8.863	82	673566	62.961	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	668433	121.333	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1535460	59.042	ng	-0.01
79) Terphenyl-d14	19.869	244	2610260	56.432	ng	0.00
Target Compounds						
63) Azobenzene	15.728	77	97483	3.554	ng	Qvalue # 1

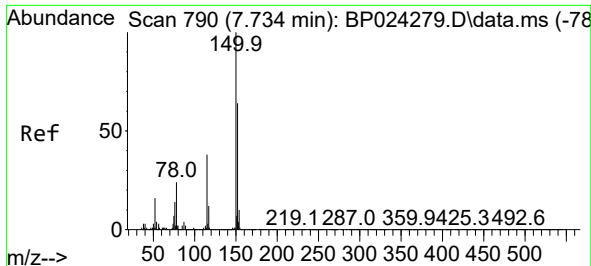
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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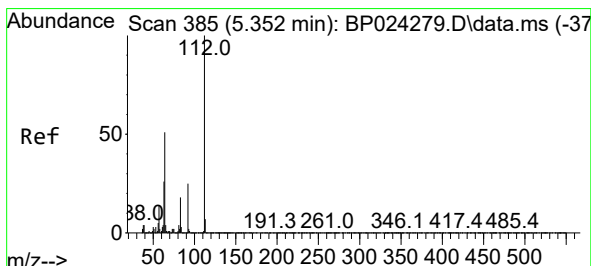
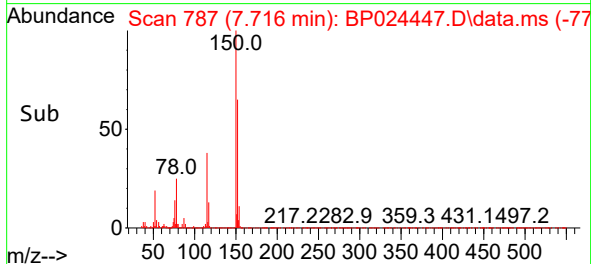
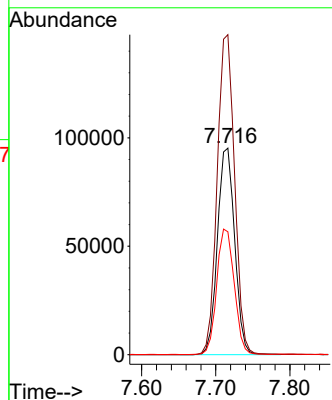
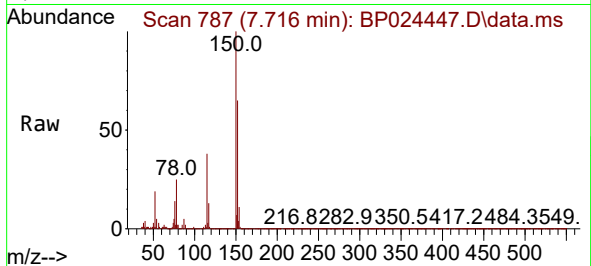




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024447.D
Acq: 28 Apr 2025 21:47

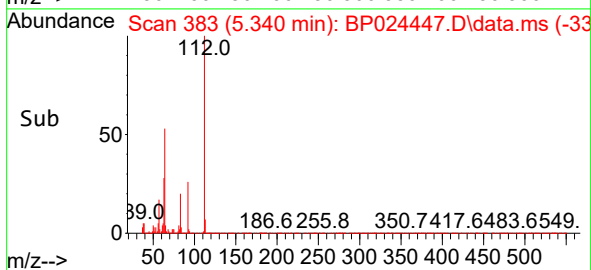
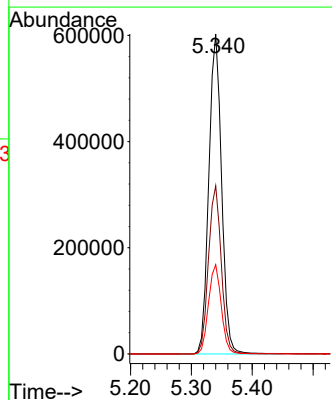
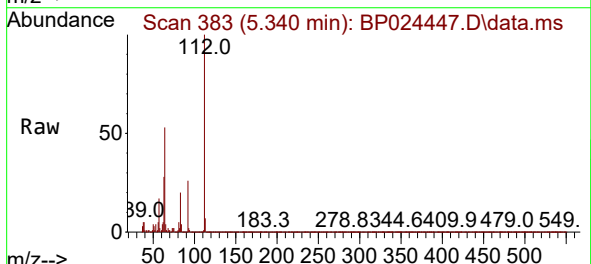
Instrument :
BNA_P
ClientSampleId :
MH-G

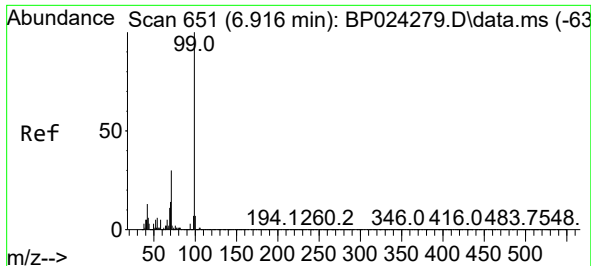
Tgt Ion:152 Resp: 154054
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 59.4 47.7 71.5



#5
2-Fluorophenol
Concen: 94.186 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024447.D
Acq: 28 Apr 2025 21:47

Tgt Ion:112 Resp: 877536
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 27.9 20.6 30.8

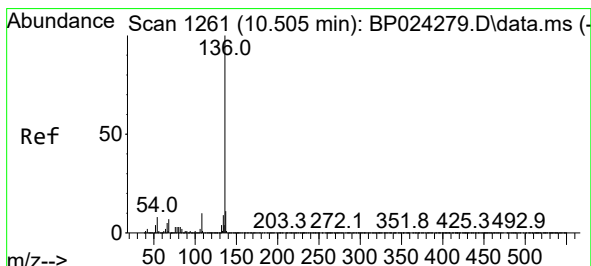
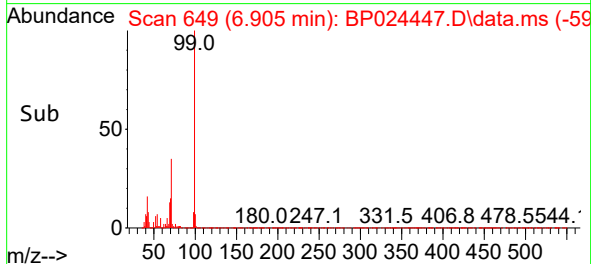
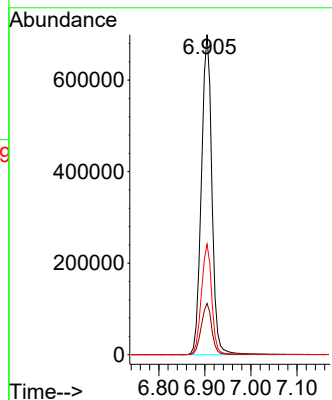
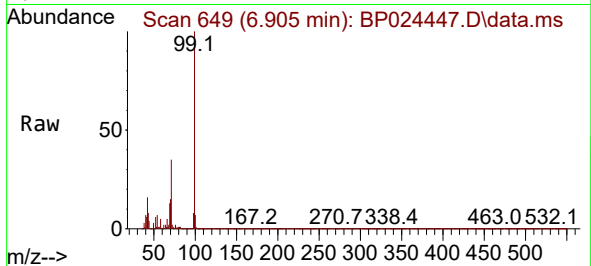




#7
Phenol-d6
Concen: 87.230 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024447.D
Acq: 28 Apr 2025 21:47

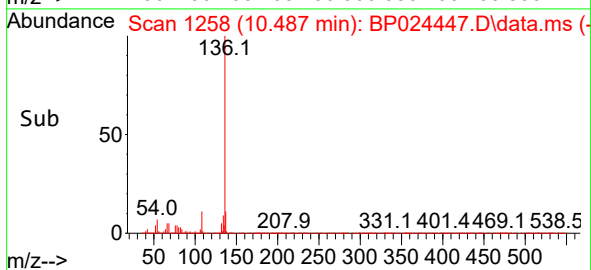
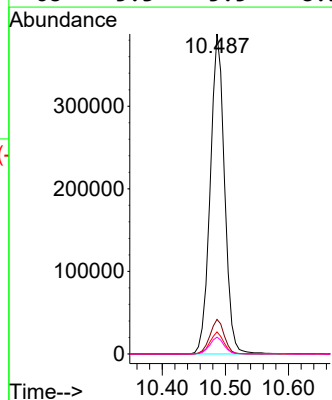
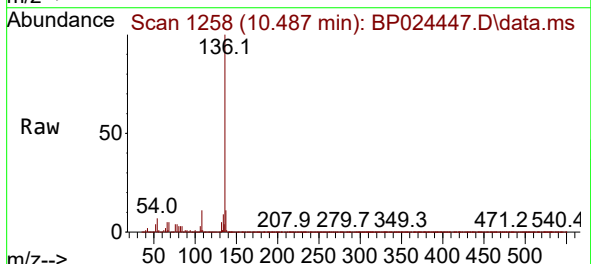
Instrument :
BNA_P
ClientSampleId :
MH-G

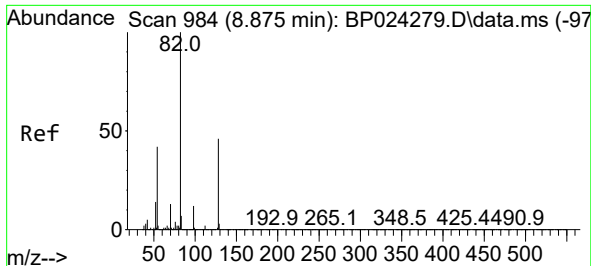
Tgt Ion: 99 Resp: 1112854
Ion Ratio Lower Upper
99 100
42 16.0 10.6 16.0#
71 34.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024447.D
Acq: 28 Apr 2025 21:47

Tgt Ion: 136 Resp: 610018
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.9 6.0 9.0
68 5.3 5.5 8.3#

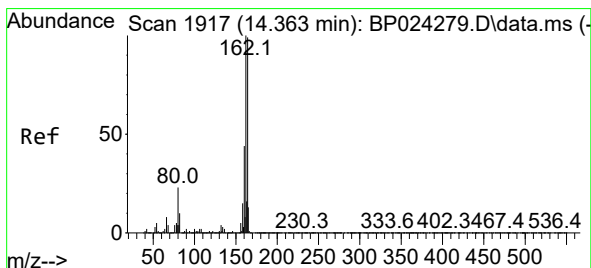
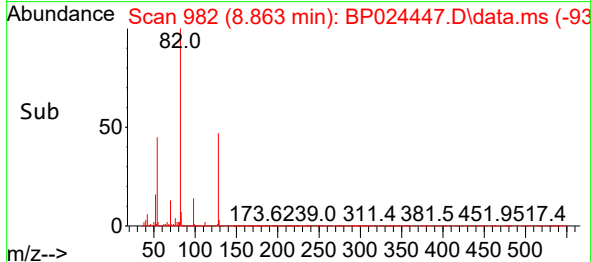
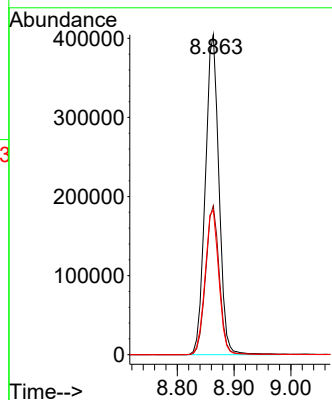
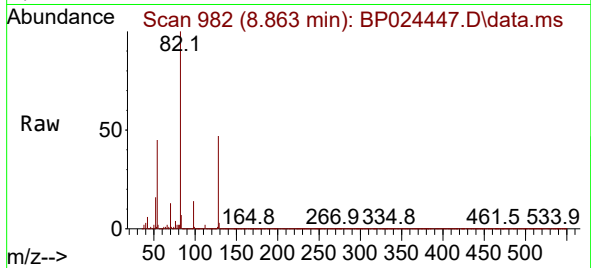




#23
Nitrobenzene-d5
Concen: 62.961 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024447.D
Acq: 28 Apr 2025 21:47

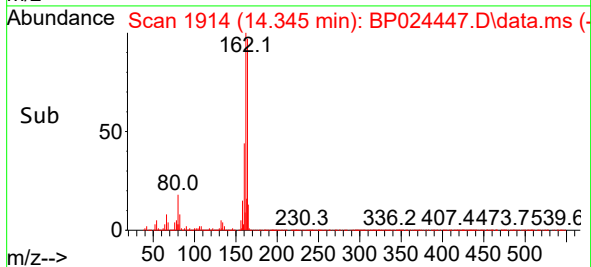
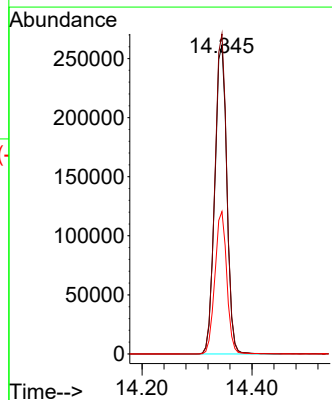
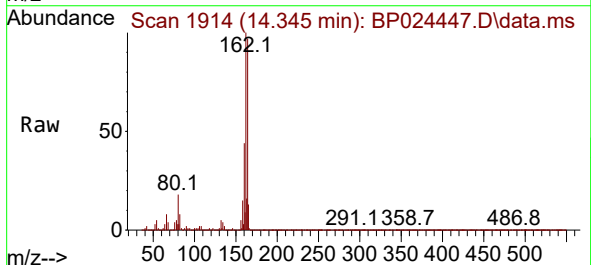
Instrument :
BNA_P
ClientSampleId :
MH-G

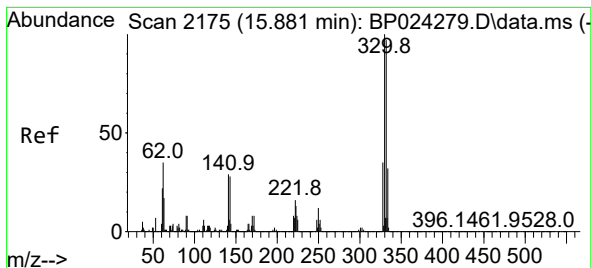
Tgt Ion: 82 Resp: 673566
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 45.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024447.D
Acq: 28 Apr 2025 21:47

Tgt Ion: 164 Resp: 398183
Ion Ratio Lower Upper
164 100
162 103.6 80.6 120.8
160 46.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 121.333 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024447.D

Acq: 28 Apr 2025 21:47

Instrument :

BNA_P

ClientSampleId :

MH-G

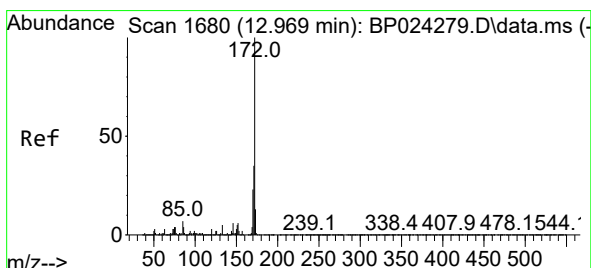
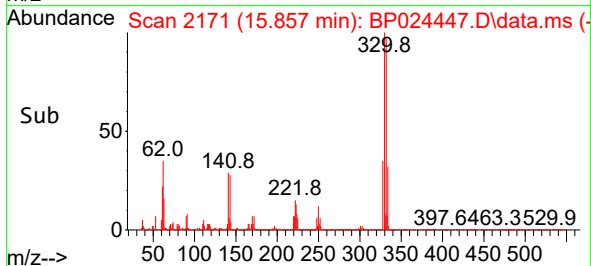
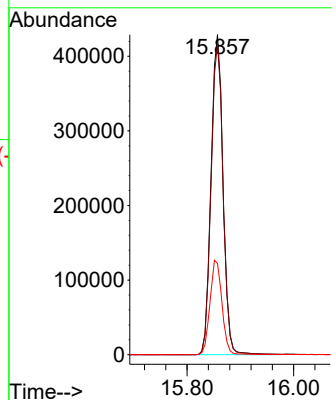
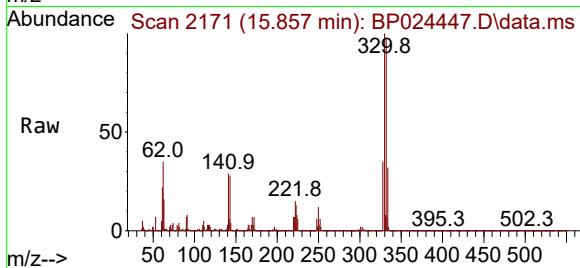
Tgt Ion:330 Resp: 668433

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 29.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 59.042 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024447.D

Acq: 28 Apr 2025 21:47

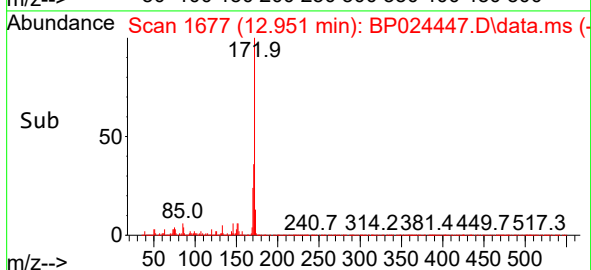
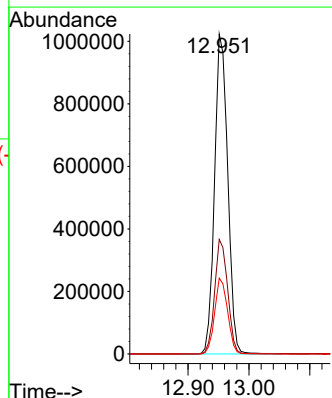
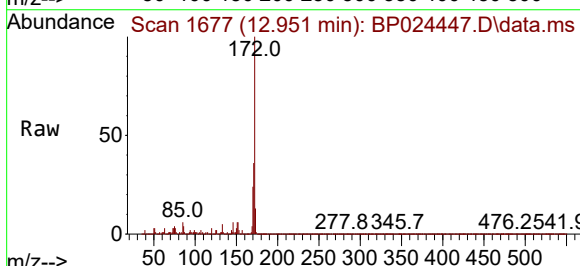
Tgt Ion:172 Resp: 1535460

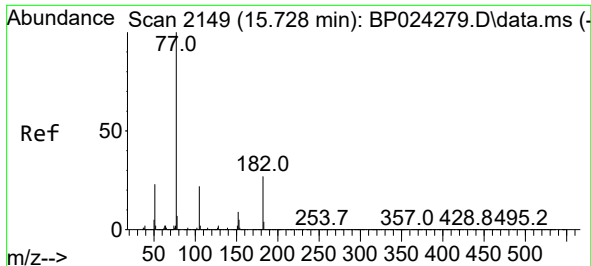
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.7 18.6 27.8

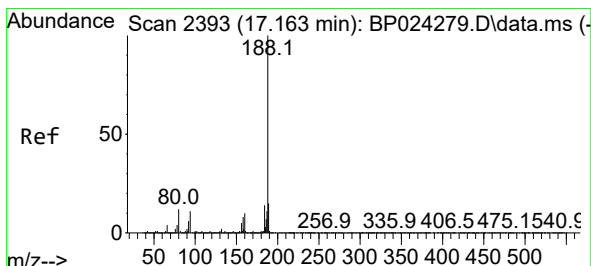
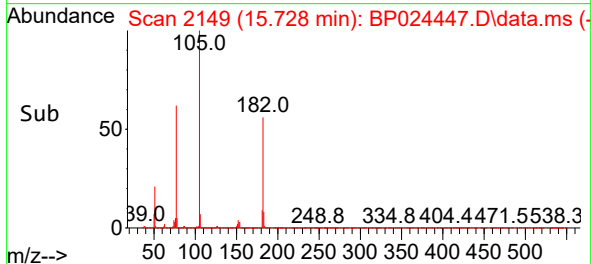
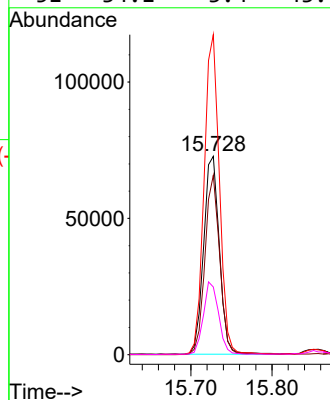
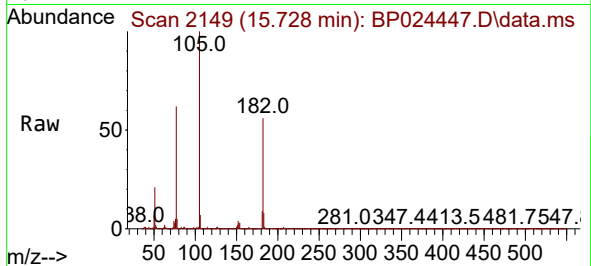




#63
Azobenzene
Concen: 3.554 ng
RT: 15.728 min Scan# 2149
Delta R.T. 0.018 min
Lab File: BP024447.D
Acq: 28 Apr 2025 21:47

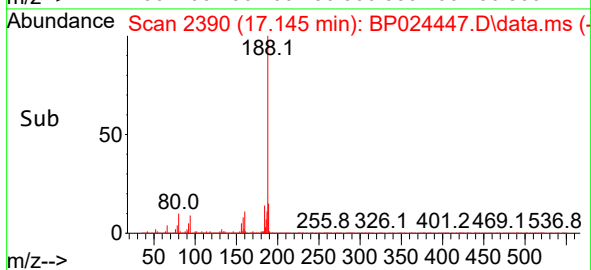
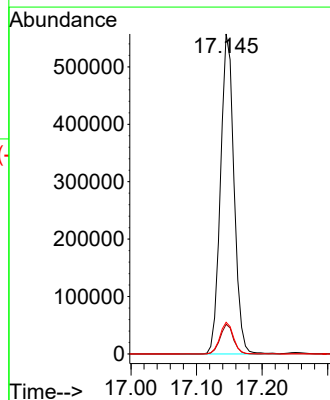
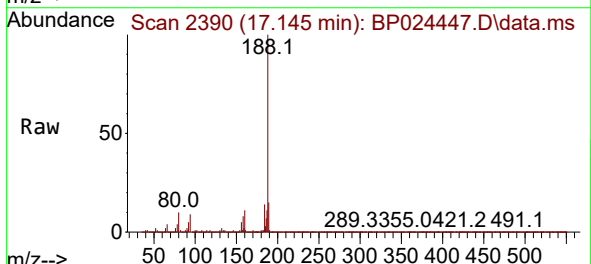
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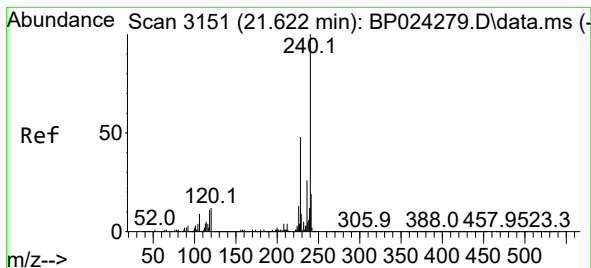
Tgt Ion: 77	Resp: 97483
Ion Ratio	Lower Upper
77 100	
182 90.4	7.3 47.3#
105 161.3	2.3 42.3#
51 34.1	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024447.D
Acq: 28 Apr 2025 21:47

Tgt Ion:188	Resp: 794603
Ion Ratio	Lower Upper
188 100	
94 9.2	8.6 13.0
80 9.9	9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024447.D

Acq: 28 Apr 2025 21:47

Instrument :

BNA_P

ClientSampleId :

MH-G

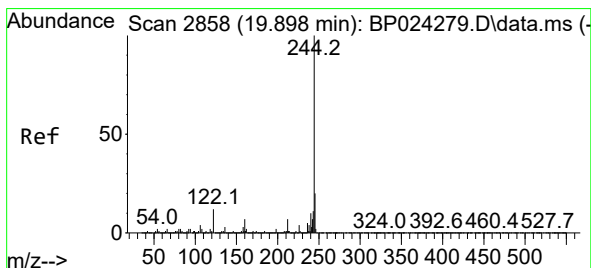
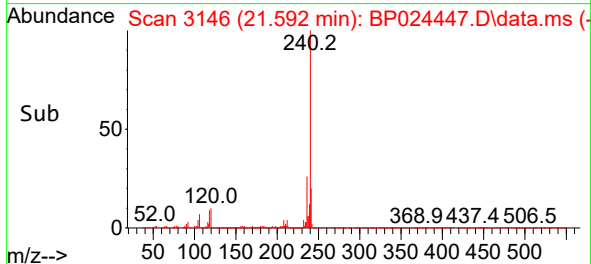
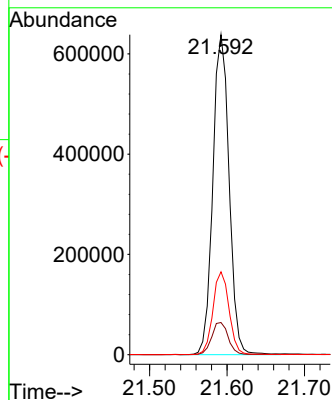
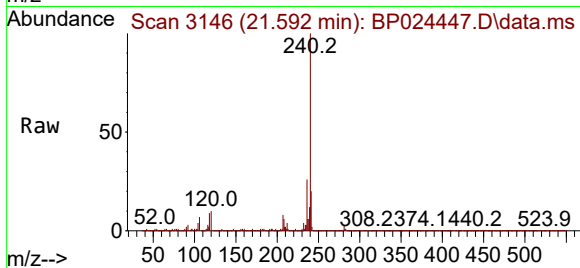
Tgt Ion:240 Resp: 932336

Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 56.432 ng

RT: 19.869 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP024447.D

Acq: 28 Apr 2025 21:47

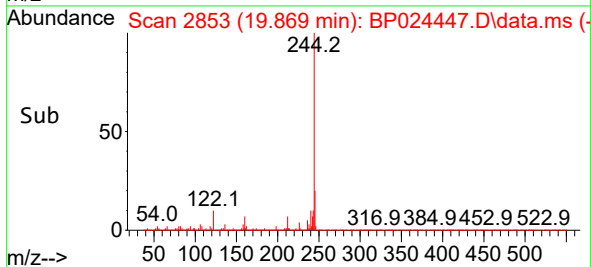
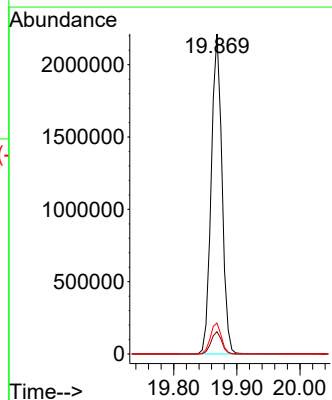
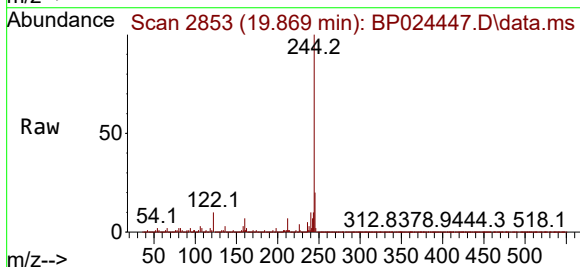
Tgt Ion:244 Resp: 2610260

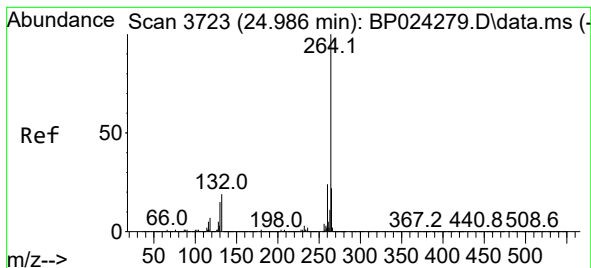
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.6 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024447.D

Acq: 28 Apr 2025 21:47

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 1088430

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.7 17.8 26.6

