

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024473.D
 Acq On : 30 Apr 2025 14:45
 Operator : RC/JU
 Sample : Q1891-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-C

Quant Time: Apr 30 15:10:08 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)

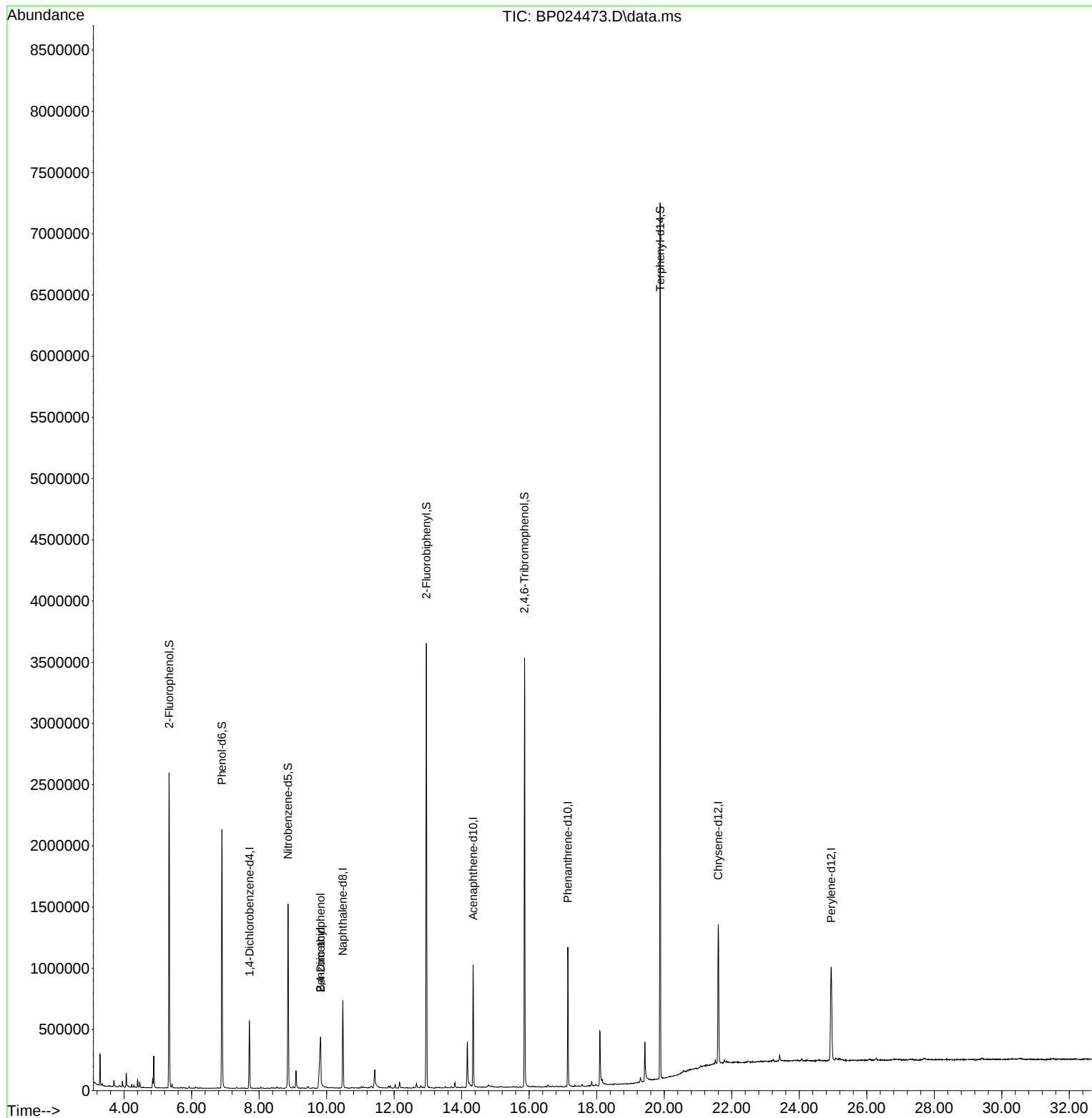
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	150239	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	573980	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	327872	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	633906	20.000	ng	0.00
76) Chrysene-d12	21.604	240	755283	20.000	ng	0.01
86) Perylene-d12	24.945	264	813014	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1113304	122.525	ng	-0.01
7) Phenol-d6	6.899	99	1252819	100.694	ng	-0.01
23) Nitrobenzene-d5	8.858	82	855365	84.975	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	689070	151.902	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1852901	86.528	ng	0.00
79) Terphenyl-d14	19.881	244	3266284	87.168	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.822	122	263220	43.018	ng	# 3
32) Benzoic acid	9.822	122	263220	36.918	ng	98

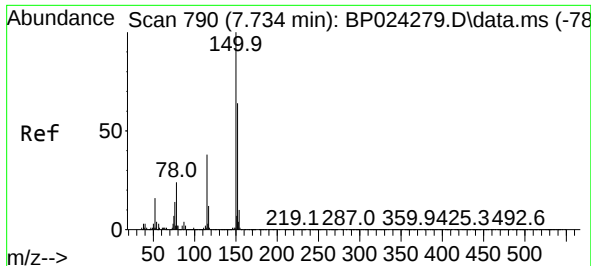
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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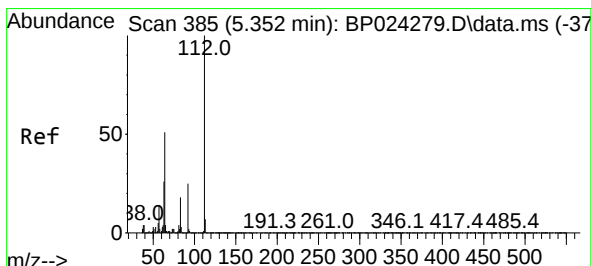
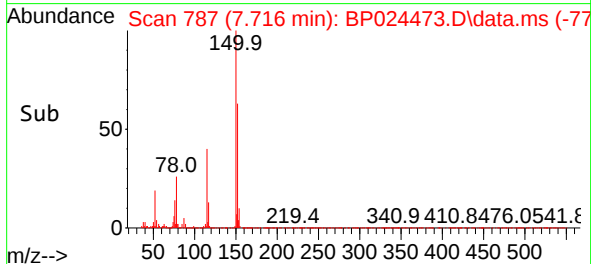
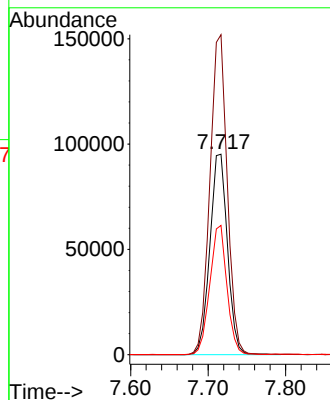
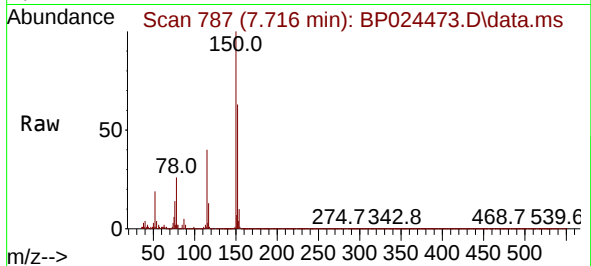




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024473.D
 Acq: 30 Apr 2025 14:45

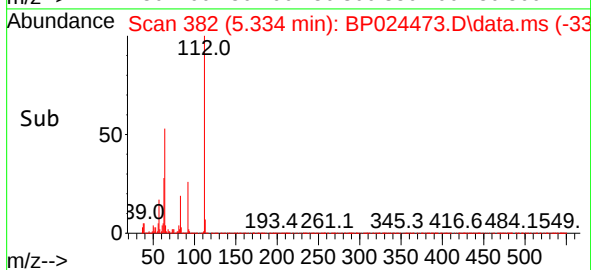
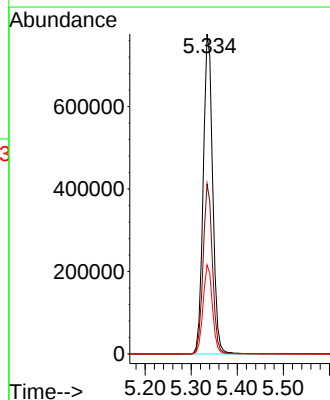
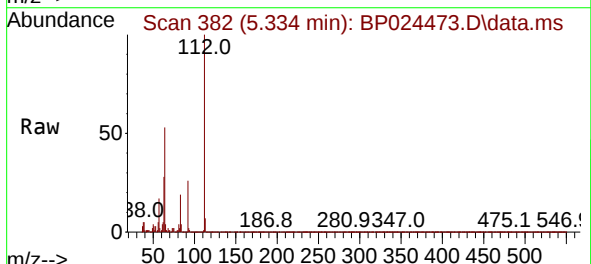
Instrument :
 BNA_P
 ClientSampleId :
 MH-C

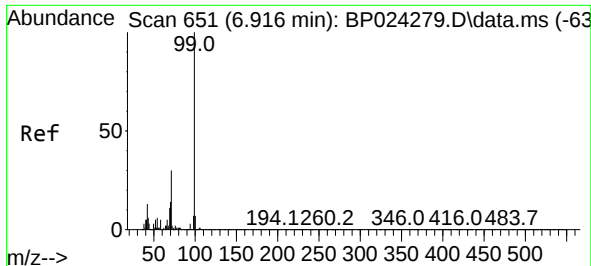
Tgt Ion:152 Resp: 150239
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.9 187.3
 115 64.5 47.7 71.5



#5
 2-Fluorophenol
 Concen: 122.525 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024473.D
 Acq: 30 Apr 2025 14:45

Tgt Ion:112 Resp: 1113304
 Ion Ratio Lower Upper
 112 100
 64 53.1 41.1 61.7
 63 27.8 20.6 30.8

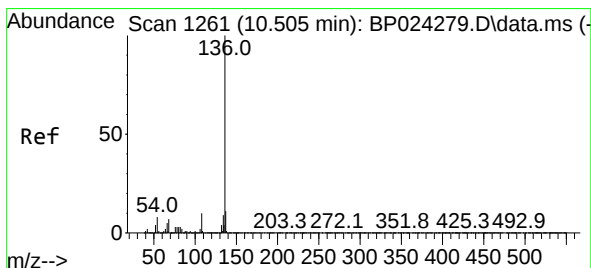
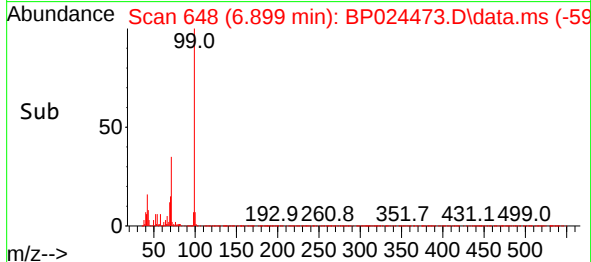
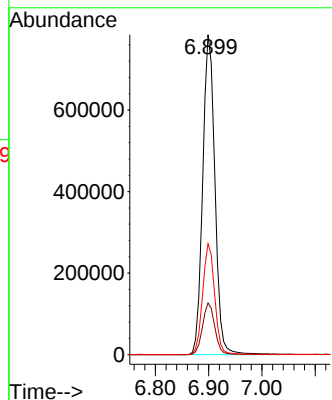
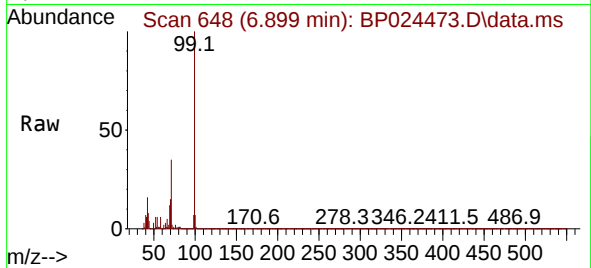




#7
Phenol-d6
Concen: 100.694 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024473.D
Acq: 30 Apr 2025 14:45

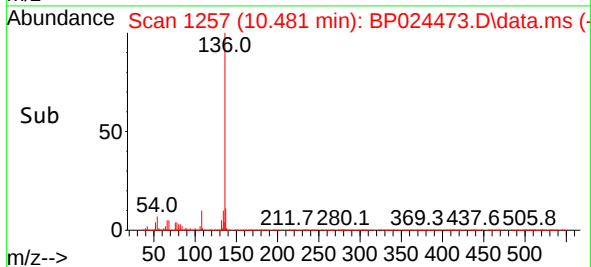
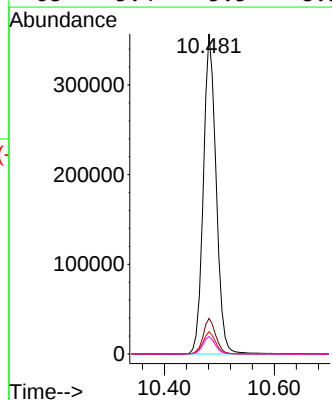
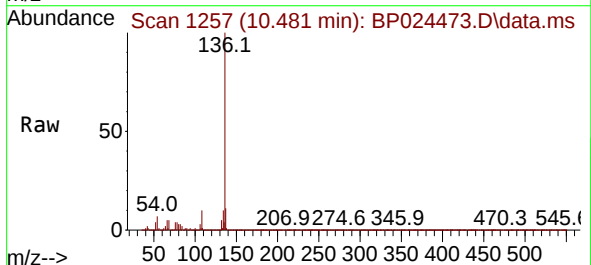
Instrument :
BNA_P
ClientSampleId :
MH-C

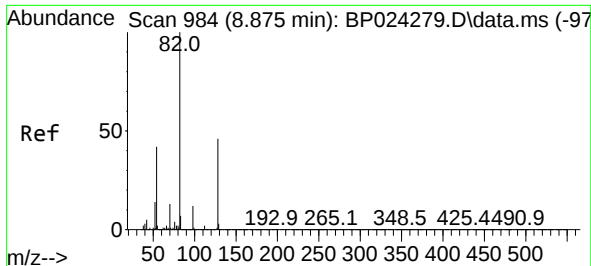
Tgt Ion: 99 Resp: 1252819
Ion Ratio Lower Upper
99 100
42 16.1 10.6 16.0#
71 34.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.017 min
Lab File: BP024473.D
Acq: 30 Apr 2025 14:45

Tgt Ion: 136 Resp: 573980
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.0 6.0 9.0
68 5.4 5.5 8.3#

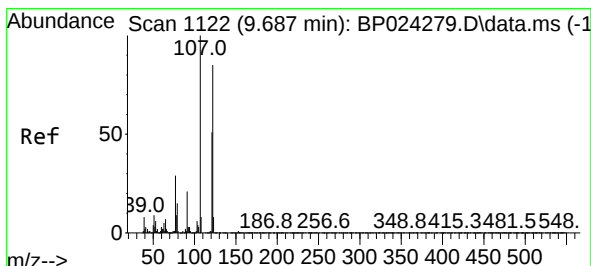
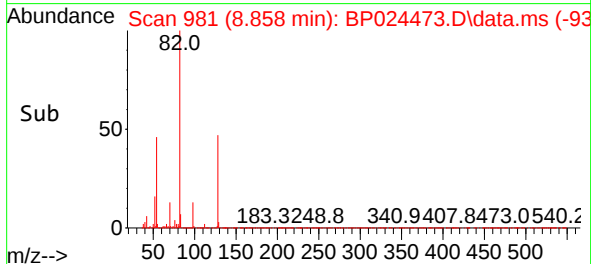
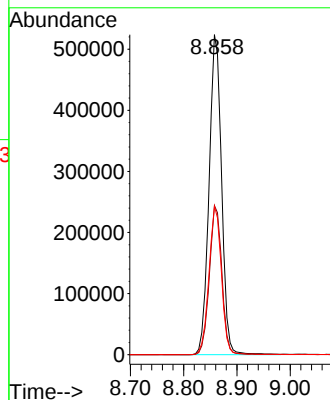
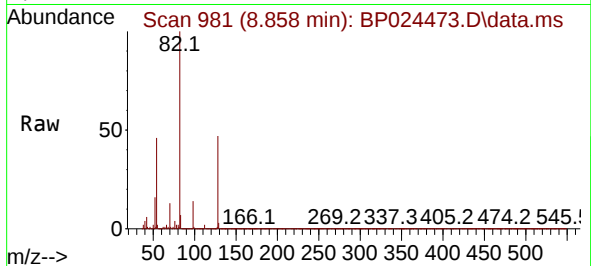




#23
Nitrobenzene-d5
Concen: 84.975 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024473.D
Acq: 30 Apr 2025 14:45

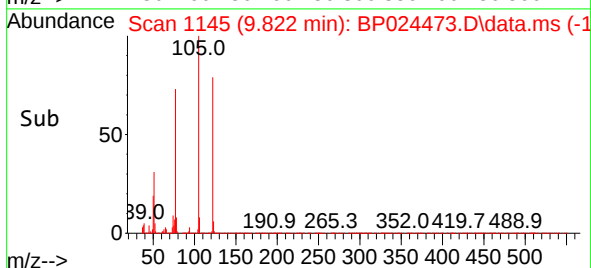
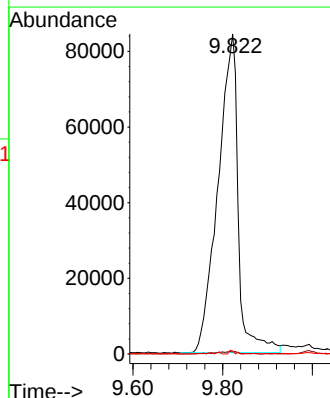
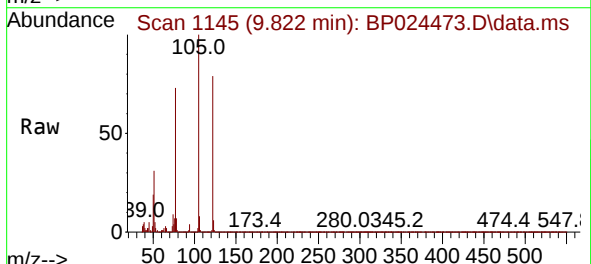
Instrument :
BNA_P
ClientSampleId :
MH-C

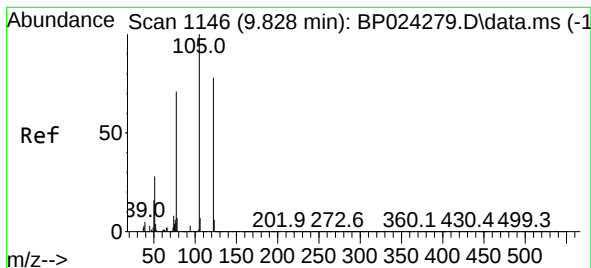
Tgt Ion: 82 Resp: 855365
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 46.4 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 43.018 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.141 min
Lab File: BP024473.D
Acq: 30 Apr 2025 14:45

Tgt Ion: 122 Resp: 263220
Ion Ratio Lower Upper
122 100
107 0.6 93.7 140.5#
121 1.0 48.2 72.2#





#32

Benzoic acid

Concen: 36.918 ng

RT: 9.822 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BP024473.D

Acq: 30 Apr 2025 14:45

Instrument :

BNA_P

ClientSampleId :

MH-C

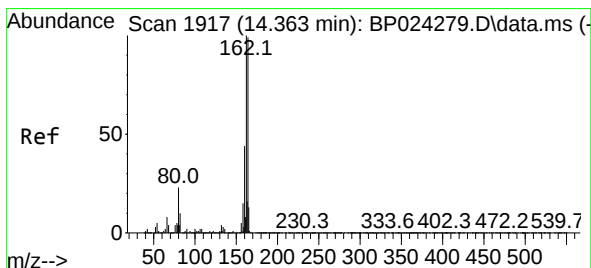
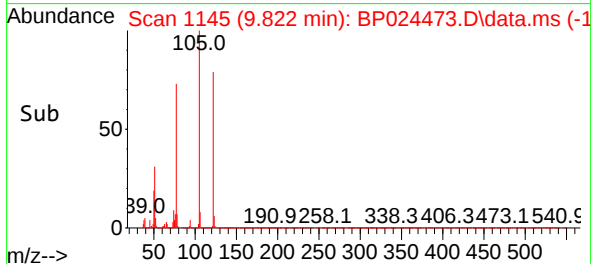
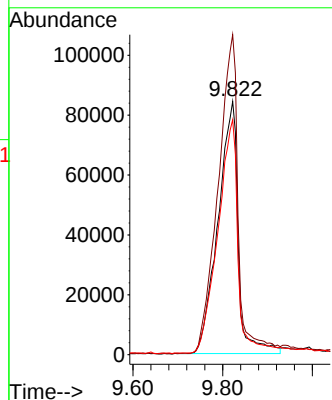
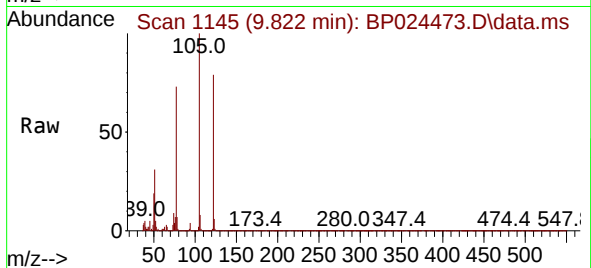
Tgt Ion:122 Resp: 263220

Ion Ratio Lower Upper

122 100

105 126.3 104.8 144.8

77 92.7 69.2 109.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.340 min Scan# 1913

Delta R.T. -0.012 min

Lab File: BP024473.D

Acq: 30 Apr 2025 14:45

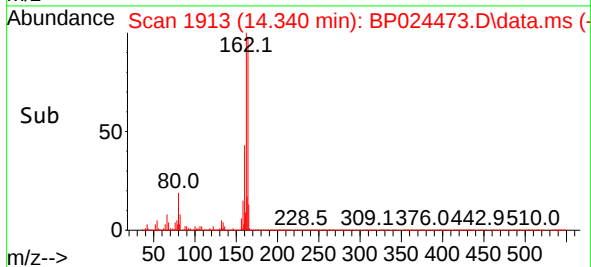
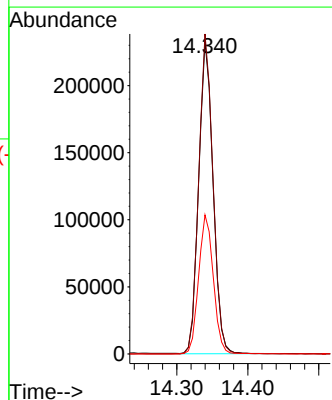
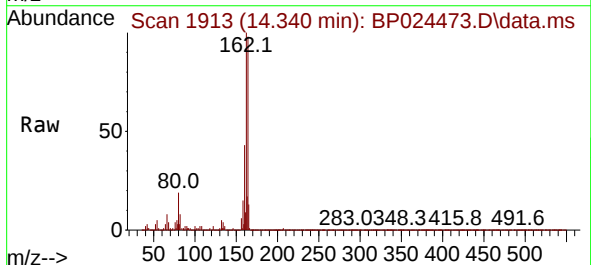
Tgt Ion:164 Resp: 327872

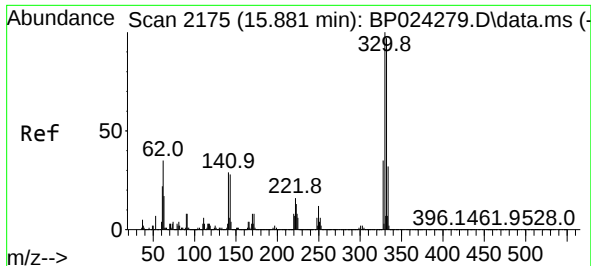
Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 44.5 35.3 52.9

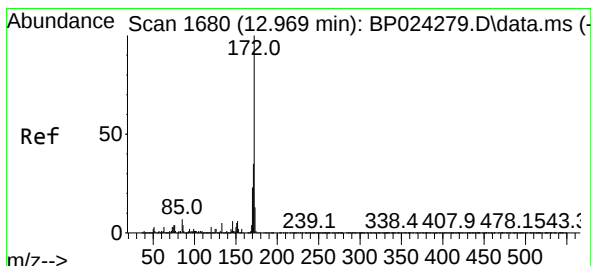
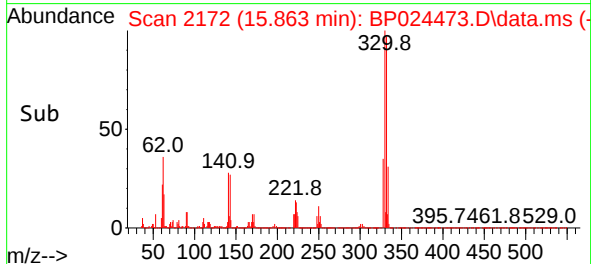
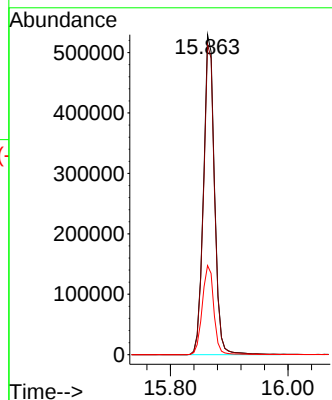
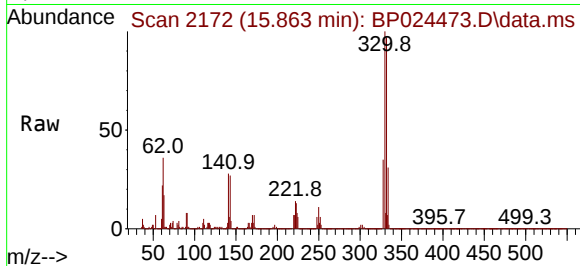




#42
2,4,6-Tribromophenol
Concen: 151.902 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024473.D
Acq: 30 Apr 2025 14:45

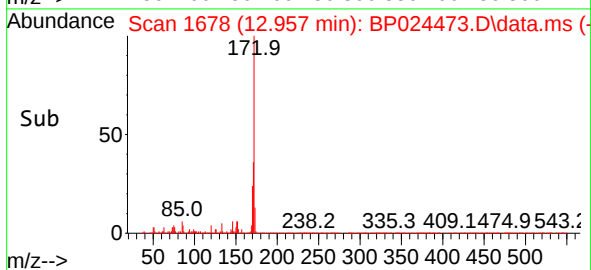
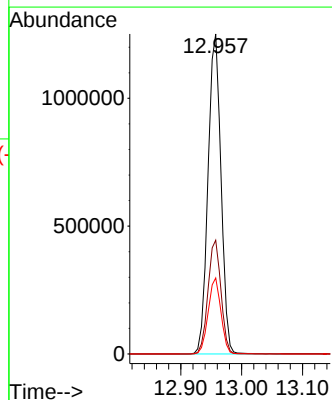
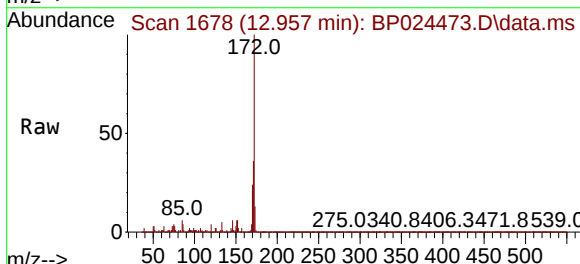
Instrument :
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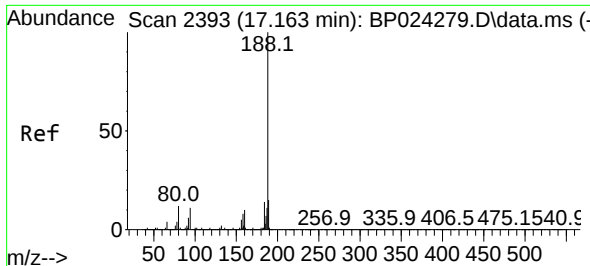
Tgt Ion: 330 Resp: 689070
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 29.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 86.528 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024473.D
Acq: 30 Apr 2025 14:45

Tgt Ion: 172 Resp: 1852901
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.7 18.6 27.8

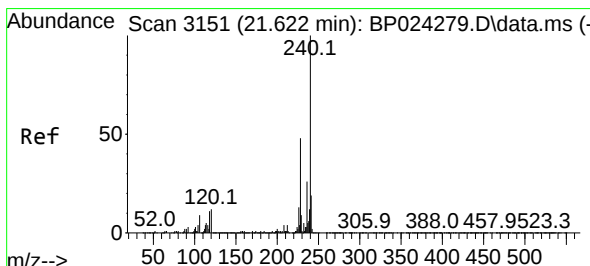
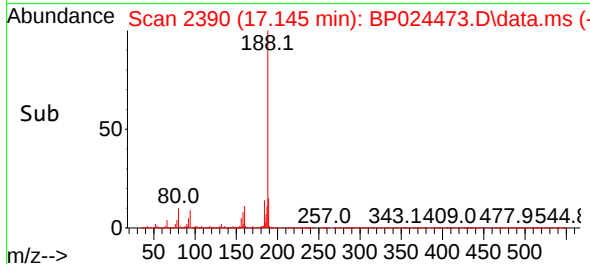
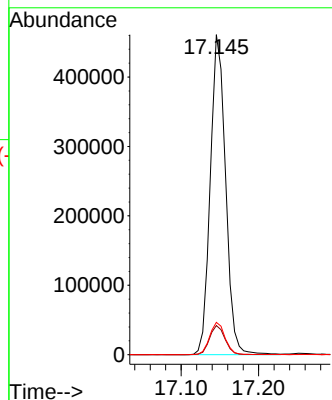
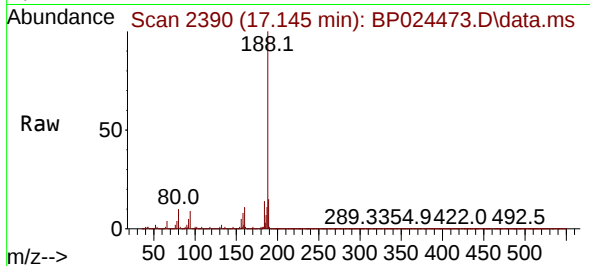




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024473.D
Acq: 30 Apr 2025 14:45

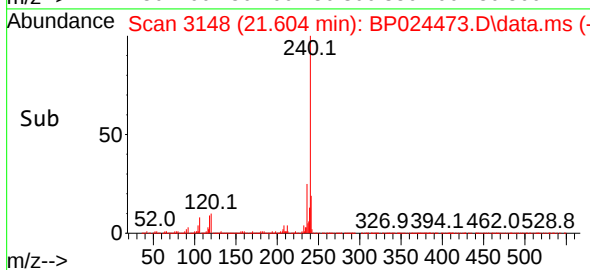
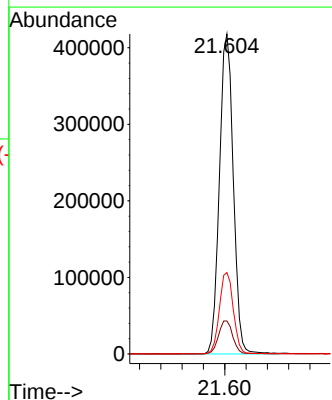
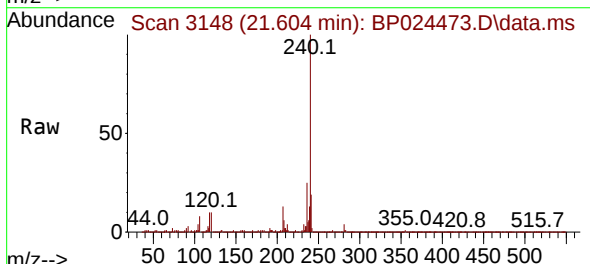
Instrument :
BNA_P
ClientSampleId :
MH-C

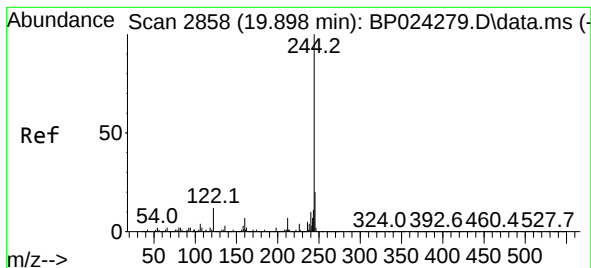
Tgt Ion:188 Resp: 633906
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 10.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.012 min
Lab File: BP024473.D
Acq: 30 Apr 2025 14:45

Tgt Ion:240 Resp: 755283
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 87.168 ng

RT: 19.881 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024473.D

Acq: 30 Apr 2025 14:45

Instrument :

BNA_P

ClientSampleId :

MH-C

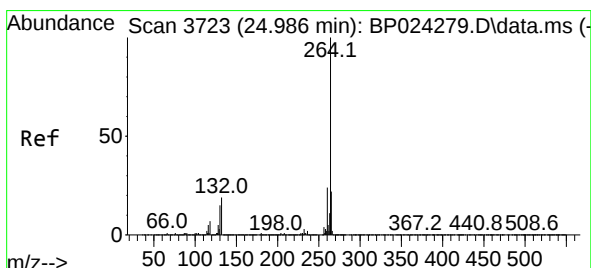
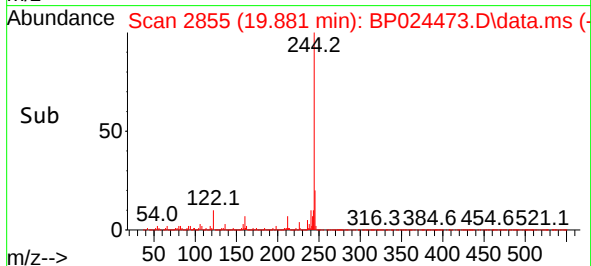
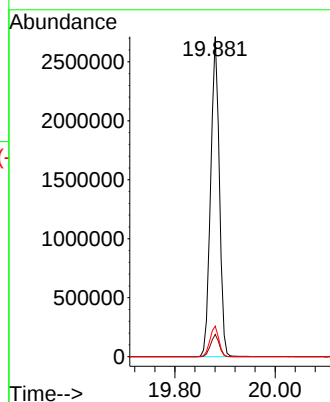
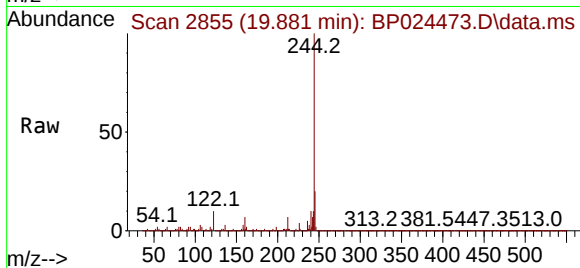
Tgt Ion:244 Resp: 3266284

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: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024473.D

Acq: 30 Apr 2025 14:45

Tgt Ion:264 Resp: 813014

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.0 17.8 26.6

