

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024474.D
 Acq On : 30 Apr 2025 15:26
 Operator : RC/JU
 Sample : Q1891-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-D

Quant Time: Apr 30 15:54:55 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)

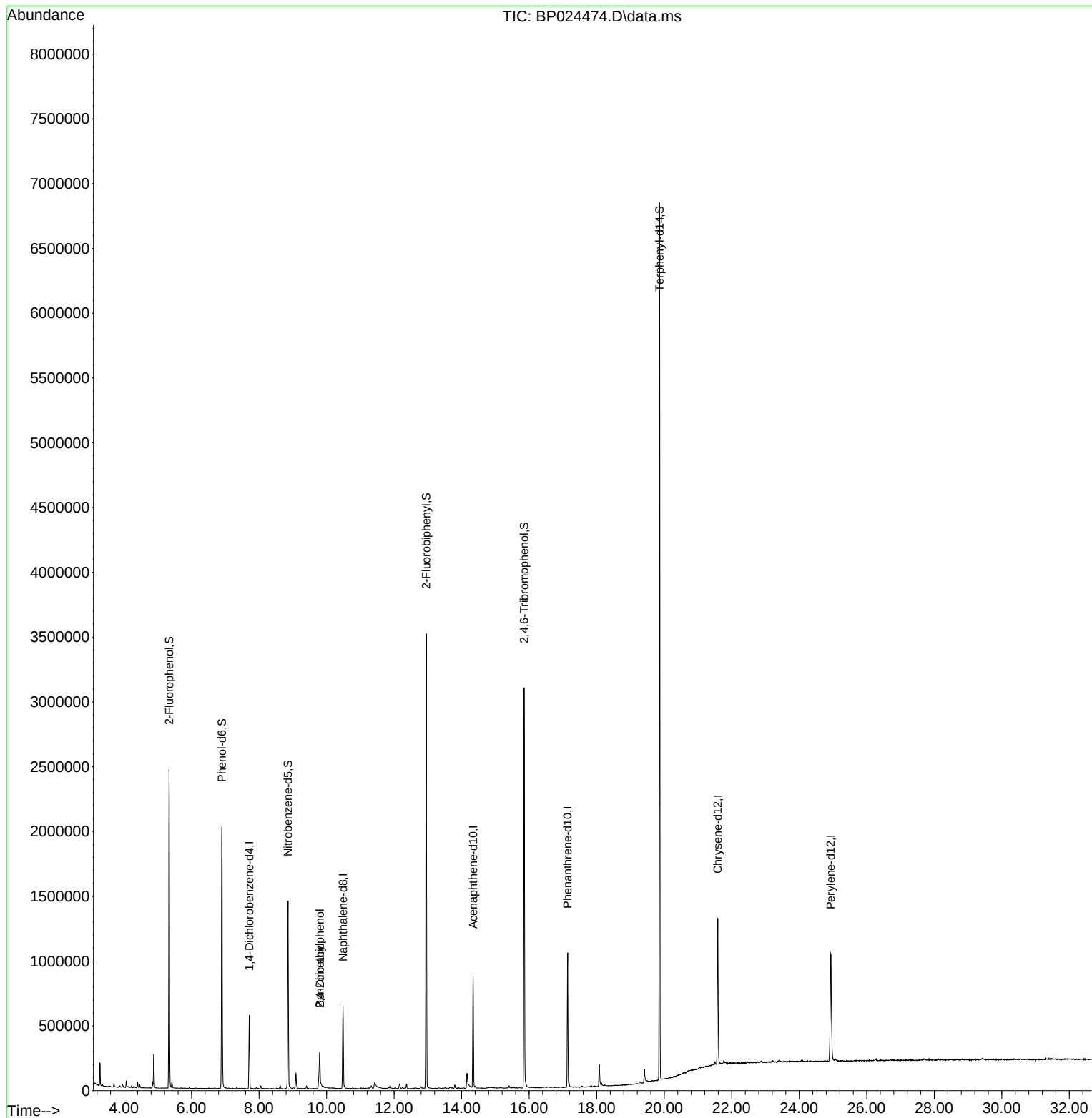
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	148268	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	553950	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	313025	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	595191	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	692734	20.000	ng	# 0.00
86) Perylene-d12	24.933	264	815843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1065036	118.771	ng	-0.01
7) Phenol-d6	6.899	99	1222434	99.558	ng	-0.01
23) Nitrobenzene-d5	8.857	82	825464	84.970	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	639994	147.775	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1772803	86.714	ng	-0.01
79) Terphenyl-d14	19.863	244	3039923	88.452	ng	-0.01
Target Compounds						
27) 2,4-Dimethylphenol	9.799	122	147490	24.976	ng	# 3
32) Benzoic acid	9.799	122	147490	21.434	ng	99

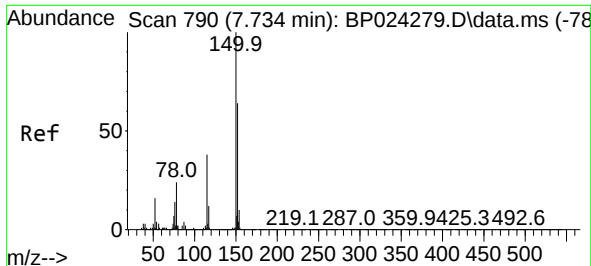
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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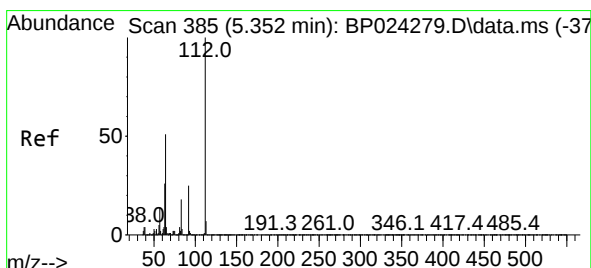
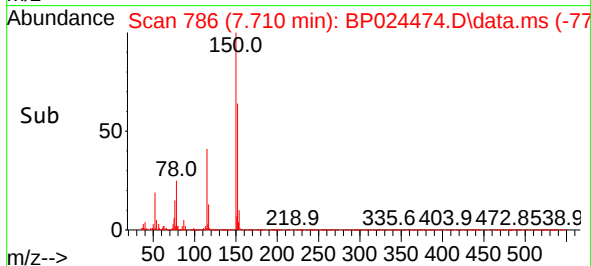
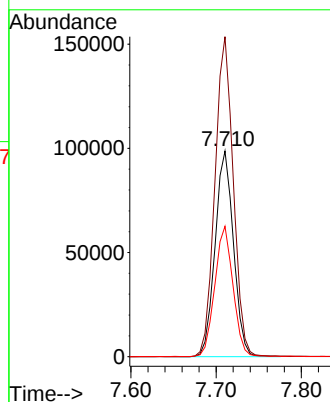
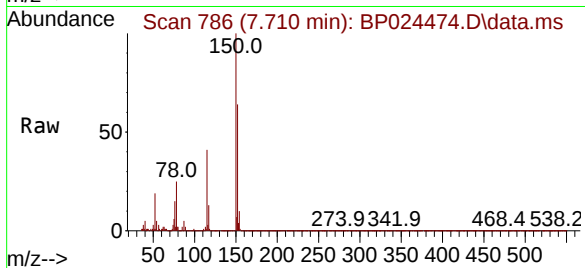




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

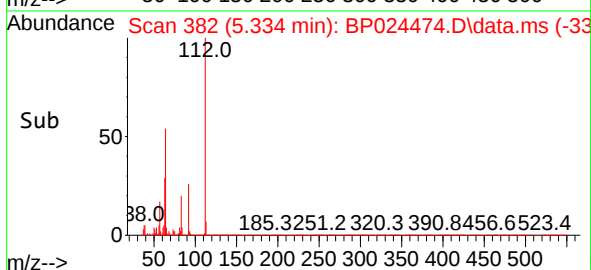
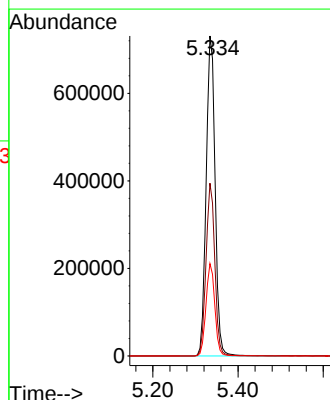
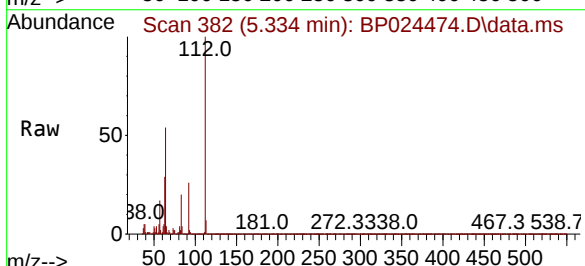
Instrument :
 BNA_P
 ClientSampleId :
 MH-D

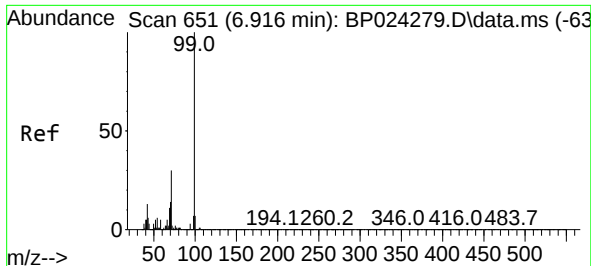
Tgt Ion:152 Resp: 148268
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.9 187.3
 115 63.4 47.7 71.5



#5
 2-Fluorophenol
 Concen: 118.771 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

Tgt Ion:112 Resp: 1065036
 Ion Ratio Lower Upper
 112 100
 64 54.0 41.1 61.7
 63 28.9 20.6 30.8





#7

Phenol-d6

Concen: 99.558 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

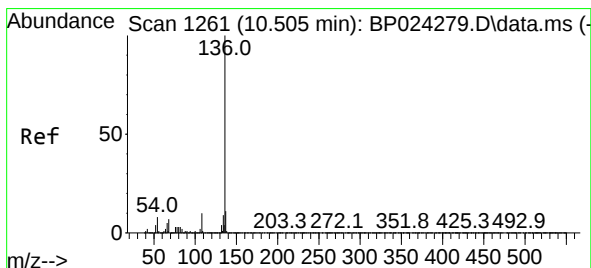
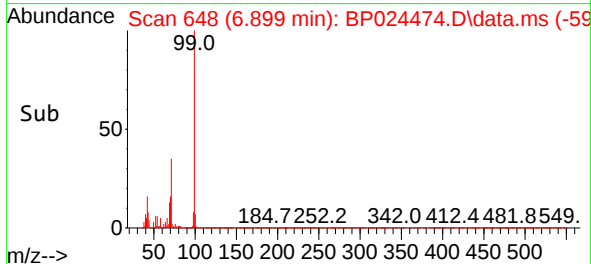
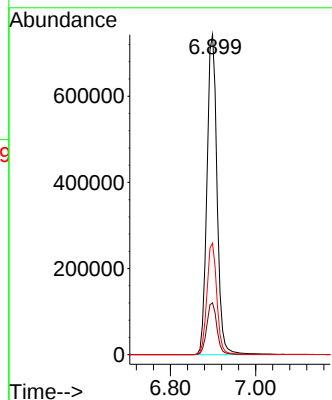
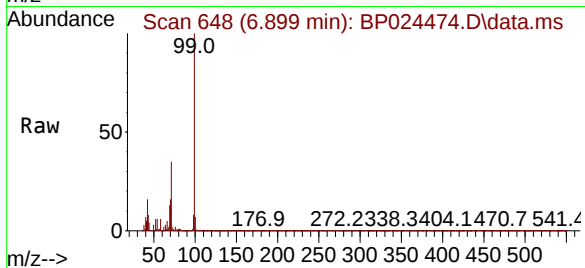
BNA_P

ClientSampleId :

MH-D

Tgt Ion: 99 Resp: 1222434

Ion	Ratio	Lower	Upper
99	100		
42	16.2	10.6	16.0#
71	34.9	23.7	35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.487 min Scan# 1258

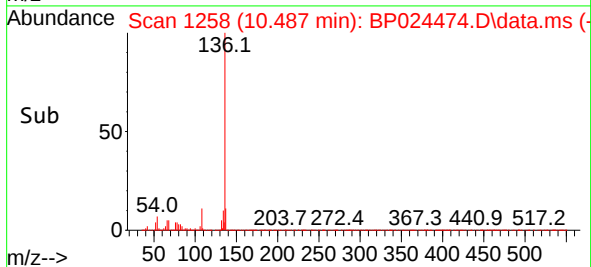
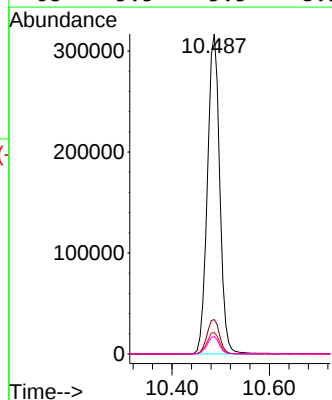
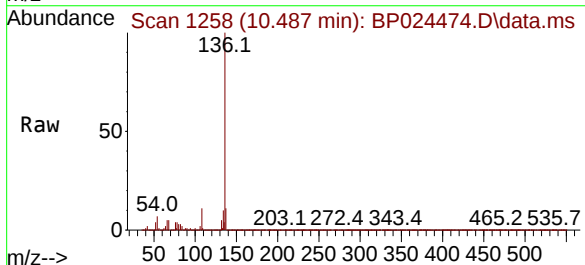
Delta R.T. -0.012 min

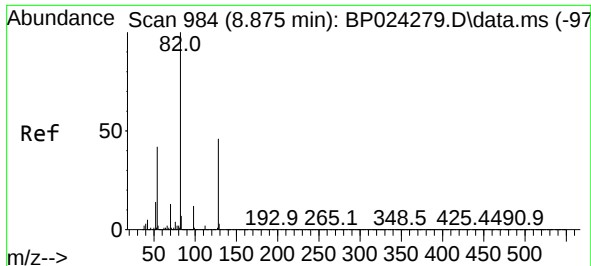
Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Tgt Ion:136 Resp: 553950

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.7	6.0	9.0
68	5.5	5.5	8.3#

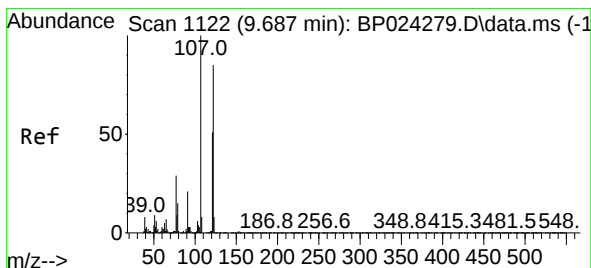
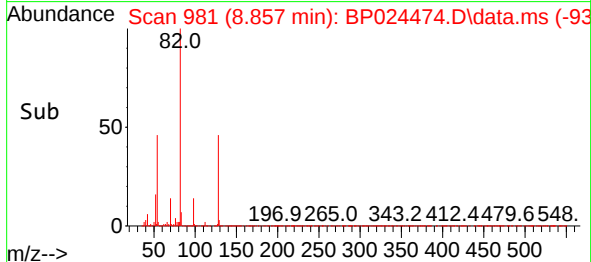
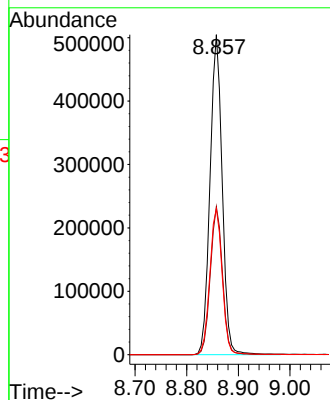
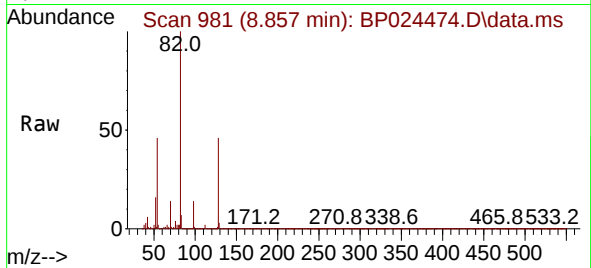




#23
Nitrobenzene-d5
Concen: 84.970 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

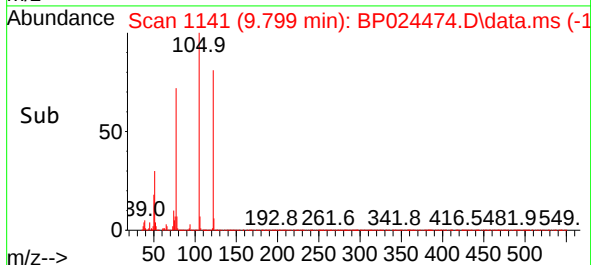
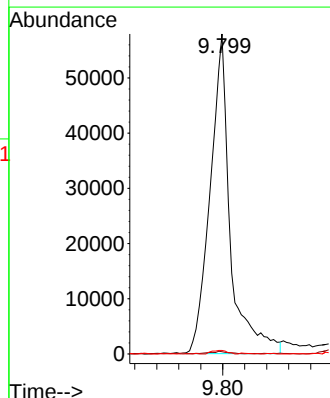
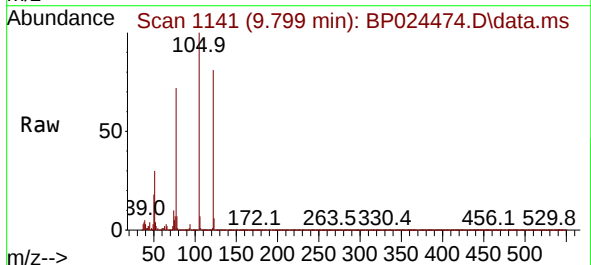
Instrument :
BNA_P
ClientSampleId :
MH-D

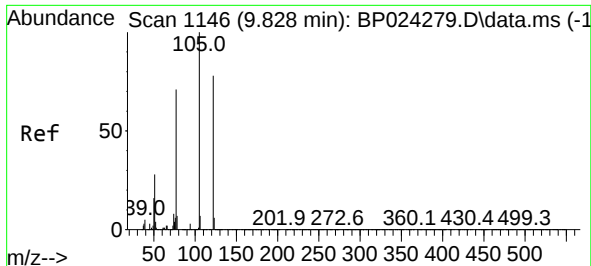
Tgt Ion: 82 Resp: 825464
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 45.7 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 24.976 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.118 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion: 122 Resp: 147490
Ion Ratio Lower Upper
122 100
107 0.7 93.7 140.5#
121 1.1 48.2 72.2#

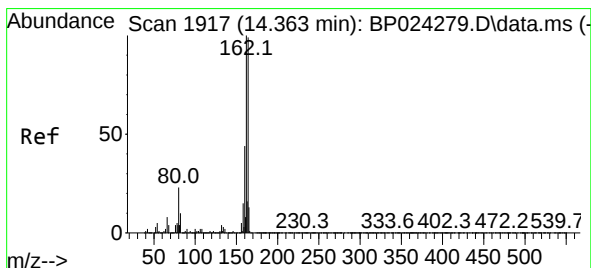
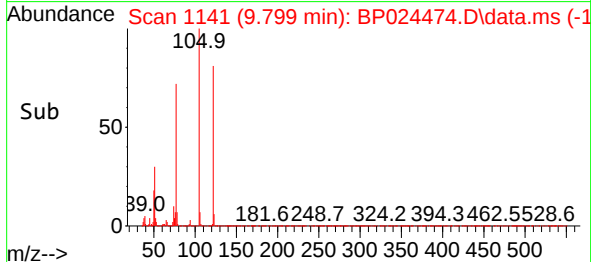
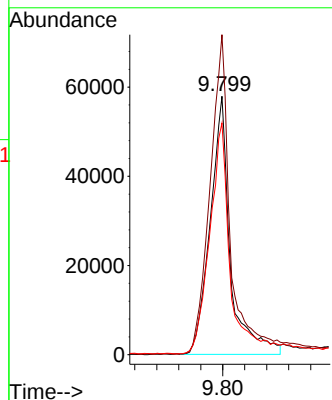
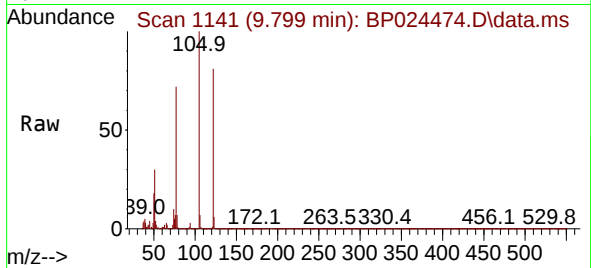




#32
Benzoic acid
Concen: 21.434 ng
RT: 9.799 min Scan# 1141
Delta R.T. -0.024 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

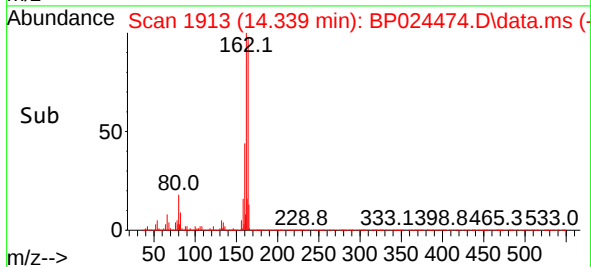
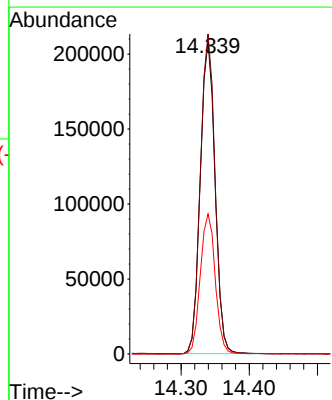
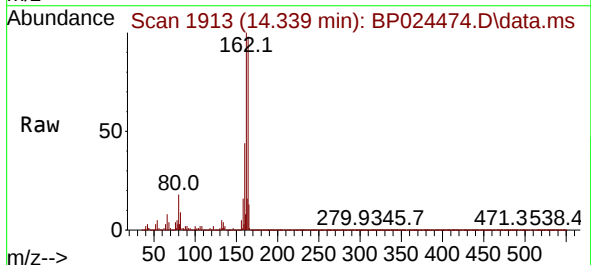
Instrument :
BNA_P
ClientSampleId :
MH-D

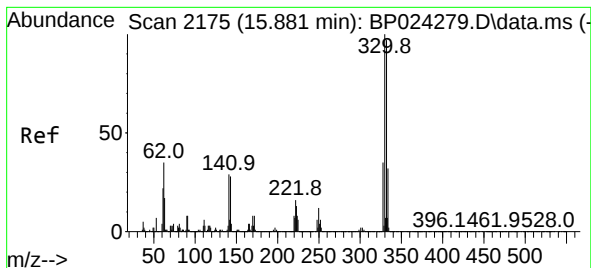
Tgt Ion:122 Resp: 147490
Ion Ratio Lower Upper
122 100
105 123.8 104.8 144.8
77 89.7 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:164 Resp: 313025
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 147.775 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

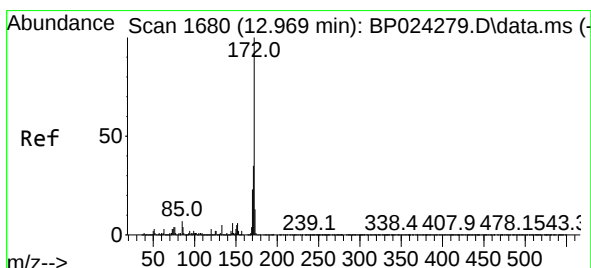
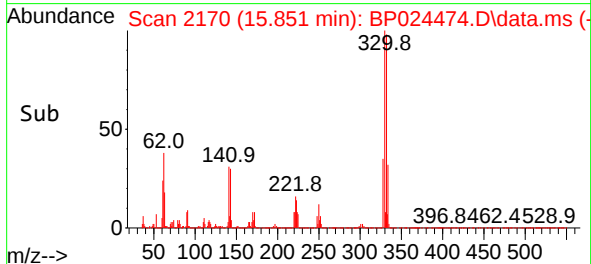
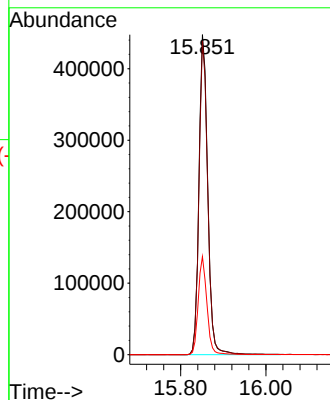
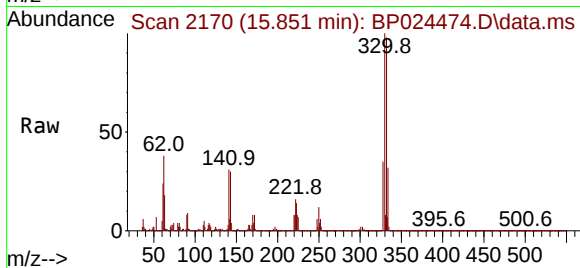
Tgt Ion:330 Resp: 639994

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 30.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 86.714 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

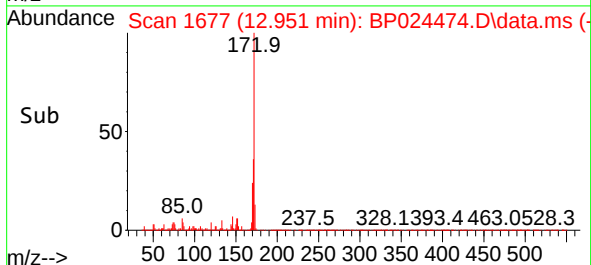
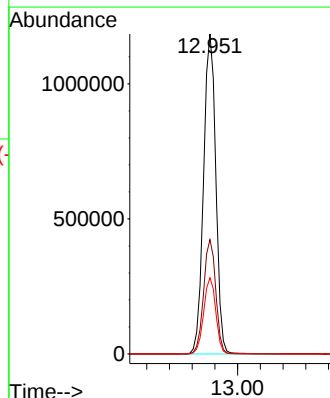
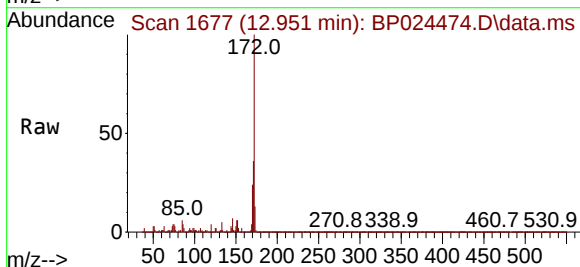
Tgt Ion:172 Resp: 1772803

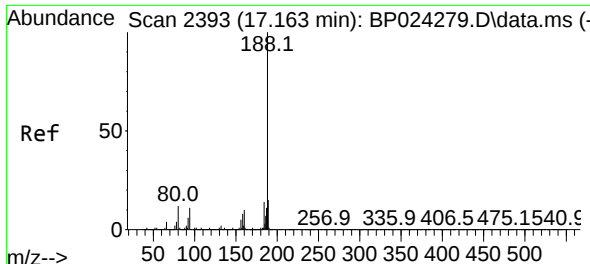
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.8 18.6 27.8

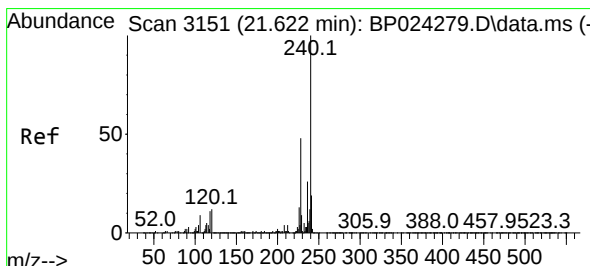
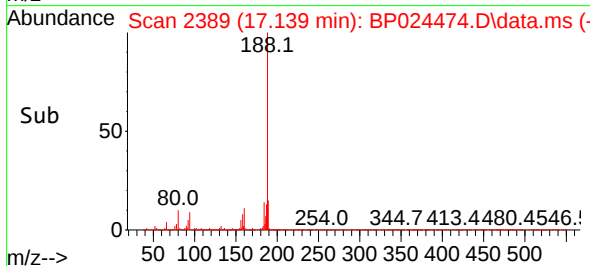
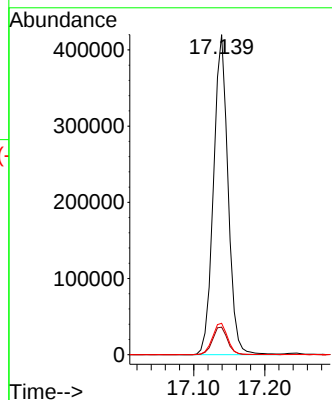
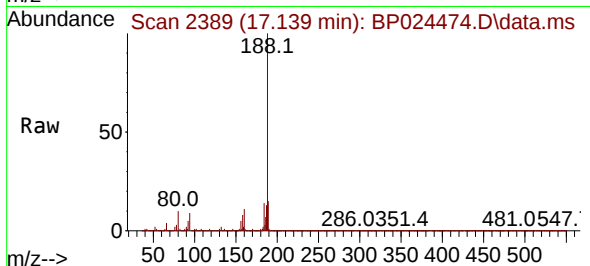




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

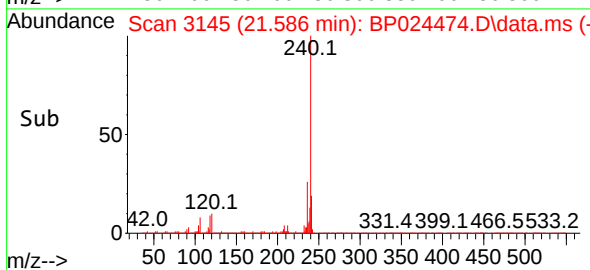
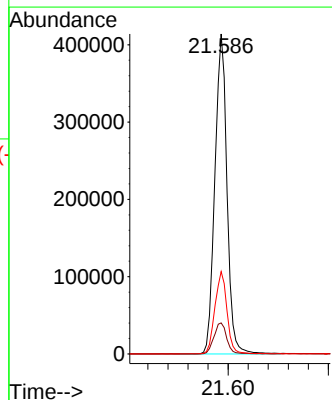
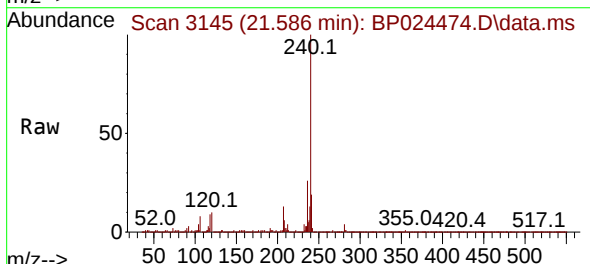
Instrument :
BNA_P
ClientSampleId :
MH-D

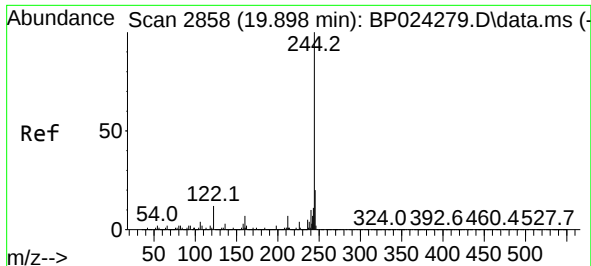
Tgt Ion:188 Resp: 595191
Ion Ratio Lower Upper
188 100
94 8.6 8.6 13.0#
80 9.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:240 Resp: 692734
Ion Ratio Lower Upper
240 100
120 9.7 9.8 14.8#
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 88.452 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

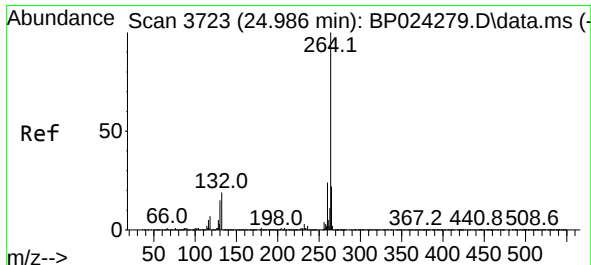
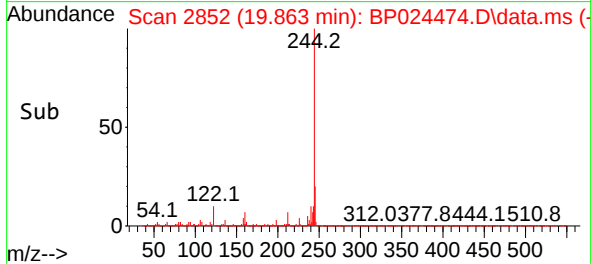
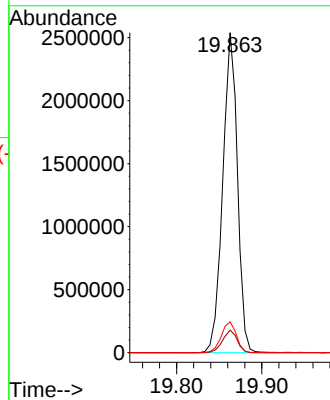
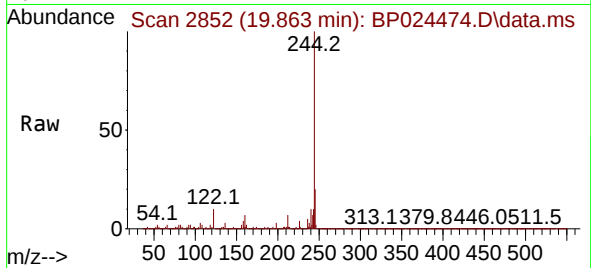
Tgt Ion:244 Resp: 3039923

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.6 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: BP024474.D

Acq: 30 Apr 2025 15:26

Tgt Ion:264 Resp: 815843

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.9 17.8 26.6

