

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024465.D
 Acq On : 29 Apr 2025 18:44
 Operator : RC/JU
 Sample : Q1869-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-F

Quant Time: Apr 30 01:19:01 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	168502	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	661086	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	407037	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	889289	20.000	ng	0.00
76) Chrysene-d12	21.586	240	989799	20.000	ng	0.00
86) Perylene-d12	24.933	264	1053468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1164708	114.289	ng	-0.01
7) Phenol-d6	6.899	99	1318803	94.509	ng	-0.01
23) Nitrobenzene-d5	8.863	82	978659	84.413	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	920411	163.438	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2196549	82.625	ng	-0.01
79) Terphenyl-d14	19.869	244	4276692	87.091	ng	0.00

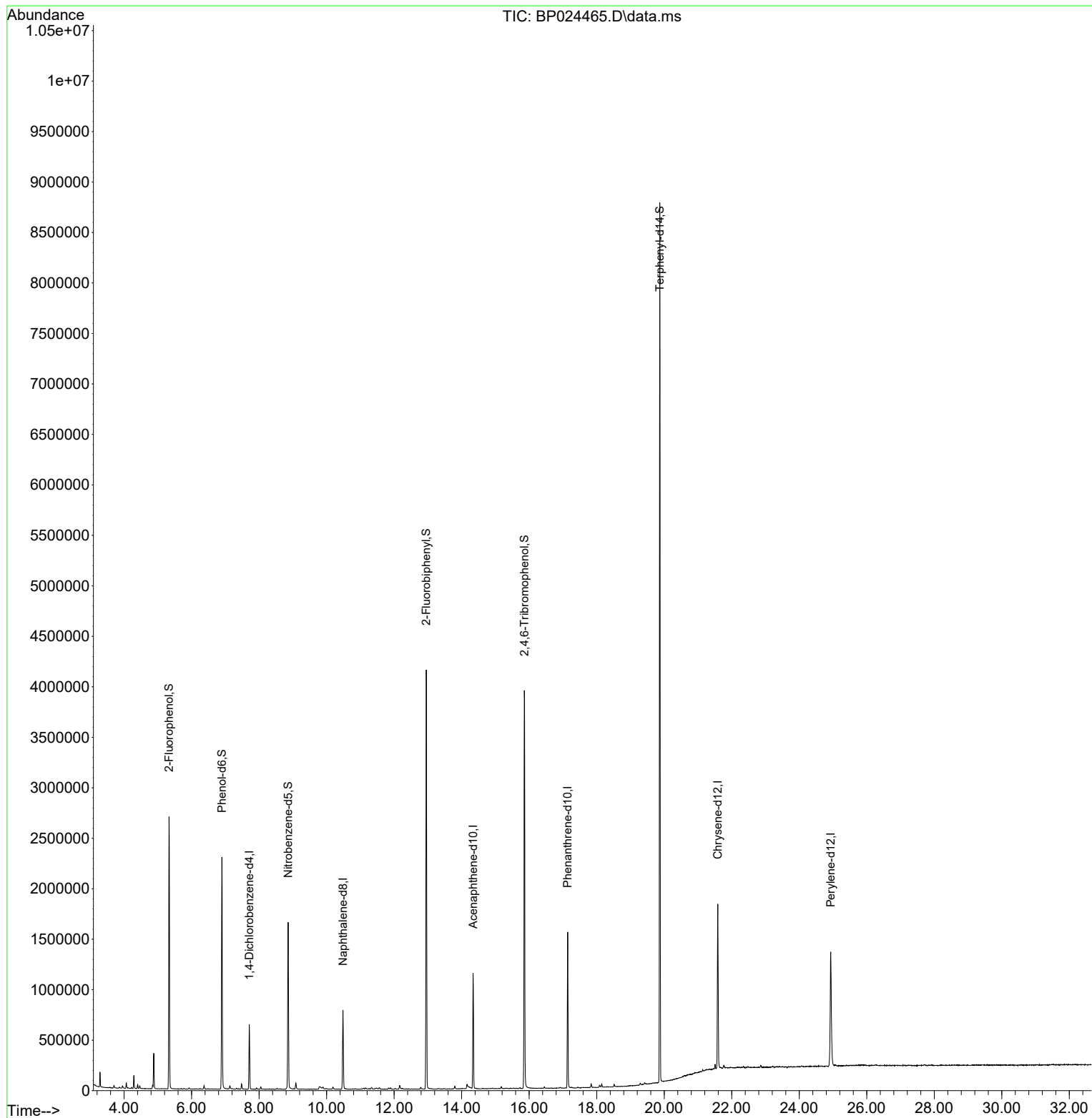
Target Compounds	Qvalue

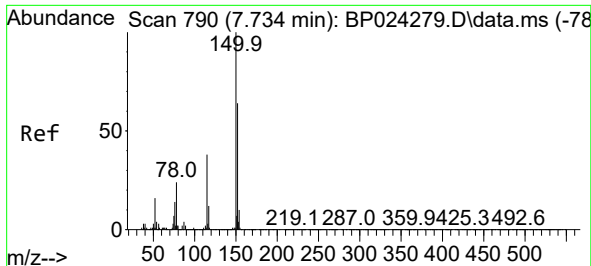
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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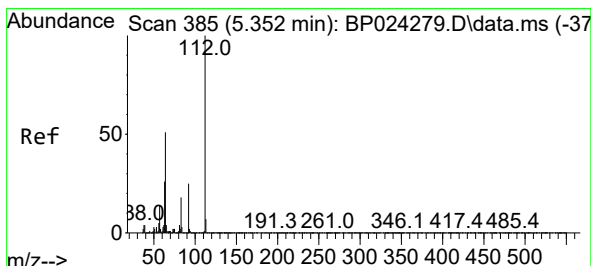
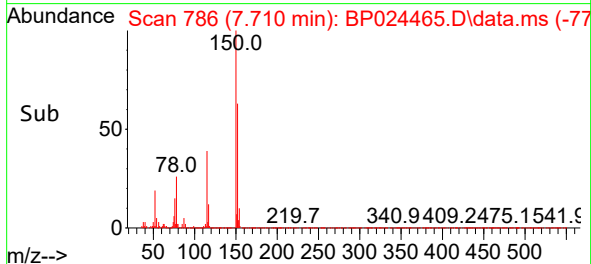
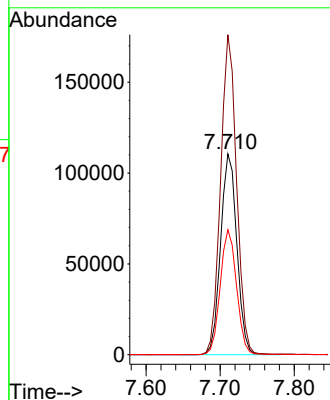
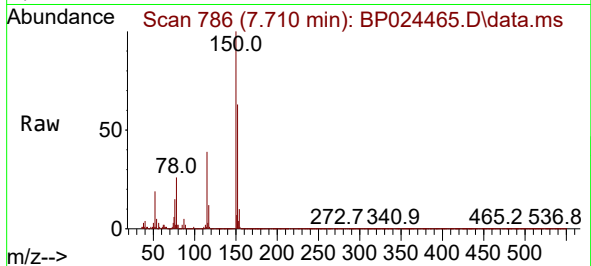




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024465.D
Acq: 29 Apr 2025 18:44

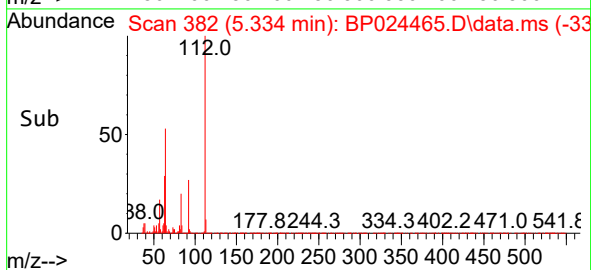
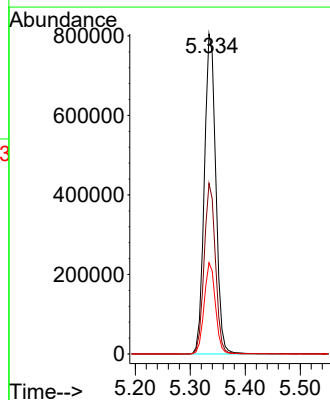
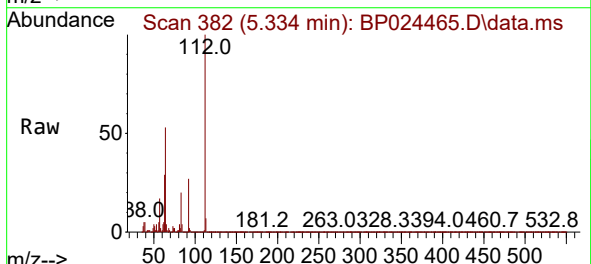
Instrument :
BNA_P
ClientSampleId :
MH-F

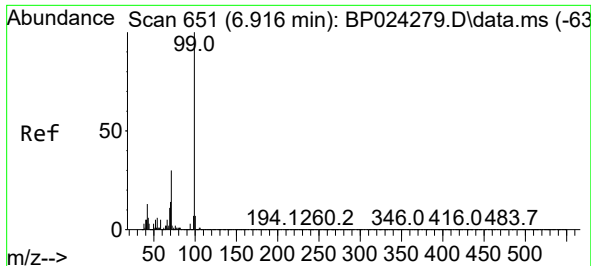
Tgt Ion:152 Resp: 168502
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 62.3 47.7 71.5



#5
2-Fluorophenol
Concen: 114.289 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024465.D
Acq: 29 Apr 2025 18:44

Tgt Ion:112 Resp: 1164708
Ion Ratio Lower Upper
112 100
64 53.3 41.1 61.7
63 28.5 20.6 30.8

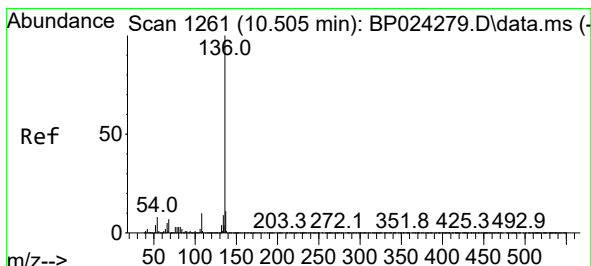
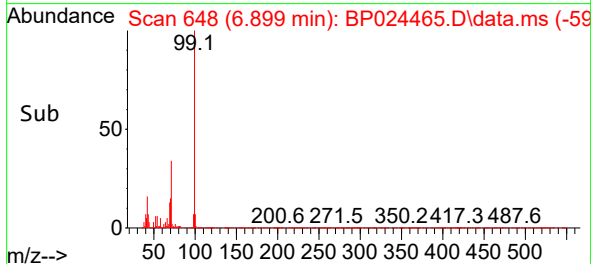
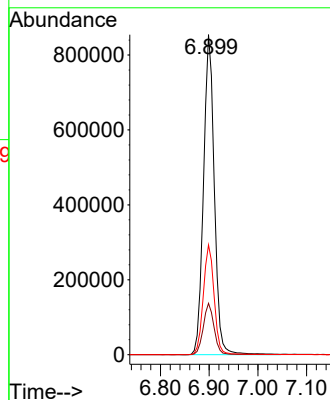
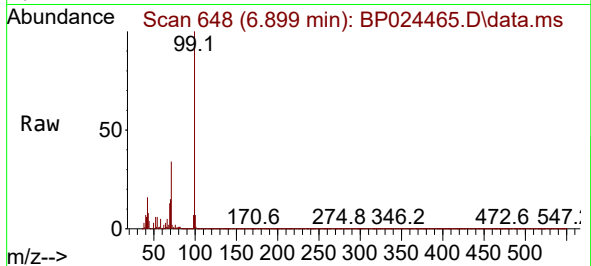




#7
Phenol-d6
Concen: 94.509 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024465.D
Acq: 29 Apr 2025 18:44

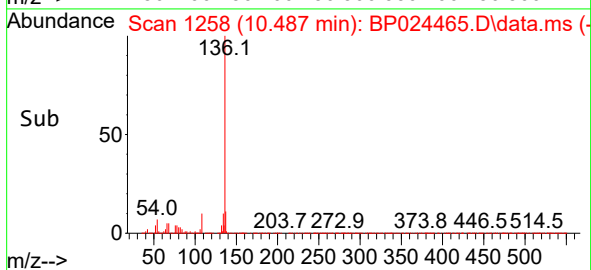
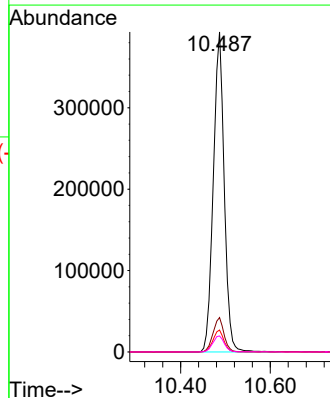
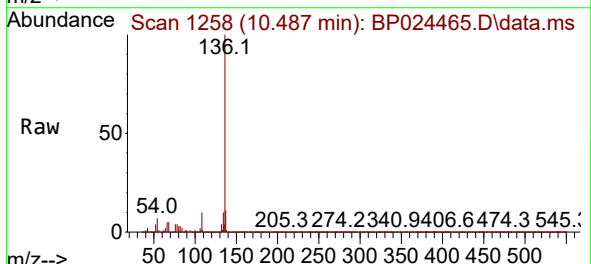
Instrument :
BNA_P
ClientSampleId :
MH-F

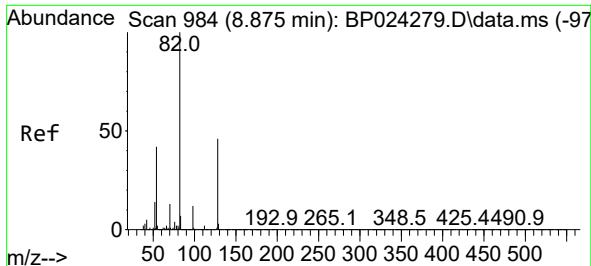
Tgt Ion: 99 Resp: 1318803
Ion Ratio Lower Upper
99 100
42 16.1 10.6 16.0#
71 34.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024465.D
Acq: 29 Apr 2025 18:44

Tgt Ion: 136 Resp: 661086
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.9 6.0 9.0
68 5.0 5.5 8.3#

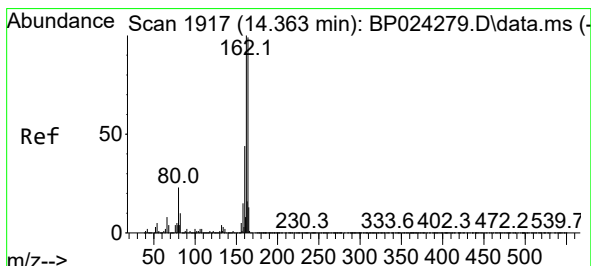
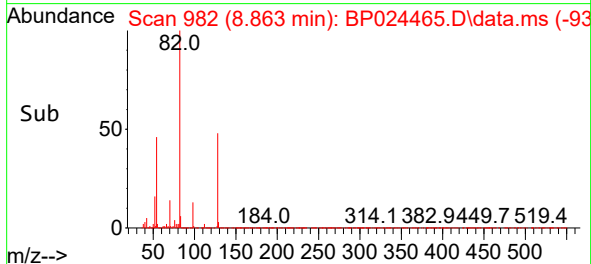
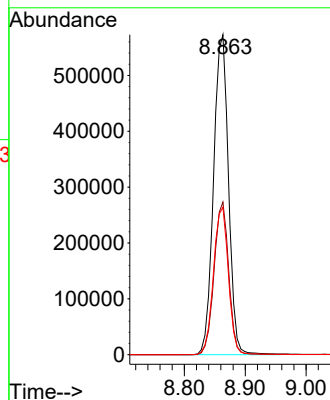
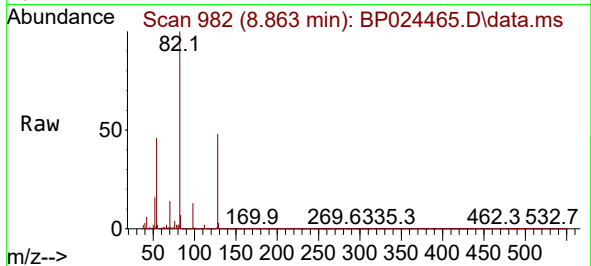




#23
Nitrobenzene-d5
Concen: 84.413 ng
RT: 8.863 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP024465.D
Acq: 29 Apr 2025 18:44

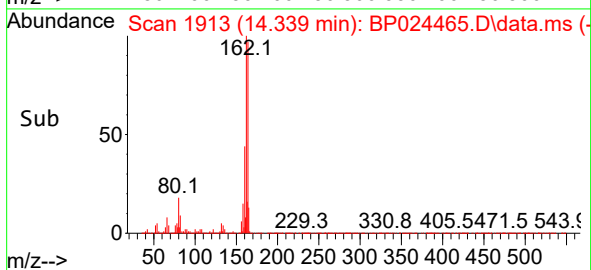
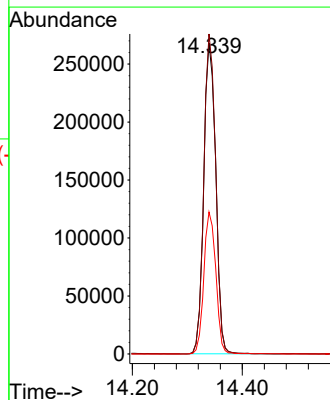
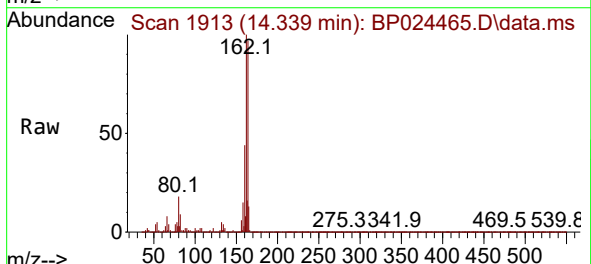
Instrument :
BNA_P
ClientSampleId :
MH-F

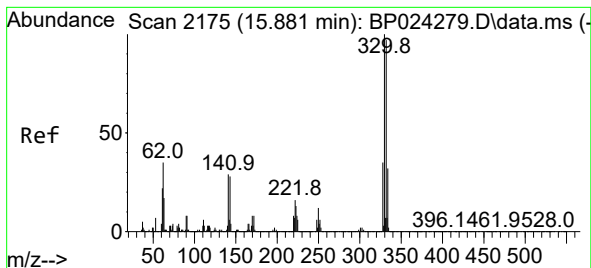
Tgt Ion: 82 Resp: 978659
Ion Ratio Lower Upper
82 100
128 47.7 36.5 54.7
54 46.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024465.D
Acq: 29 Apr 2025 18:44

Tgt Ion:164 Resp: 407037
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 45.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 163.438 ng

RT: 15.863 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BP024465.D

Acq: 29 Apr 2025 18:44

Instrument :

BNA_P

ClientSampleId :

MH-F

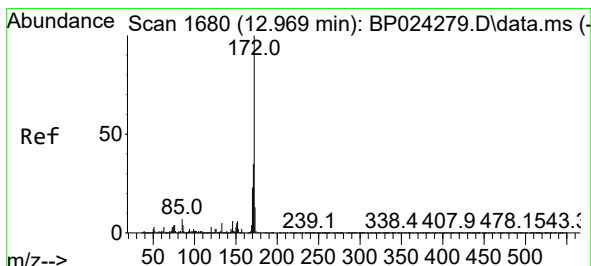
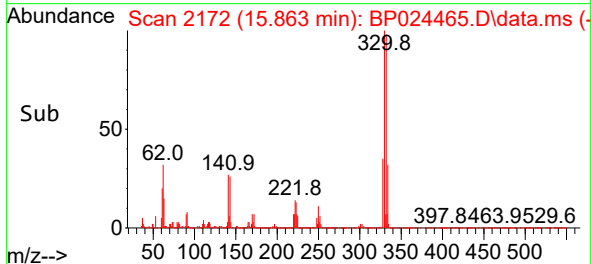
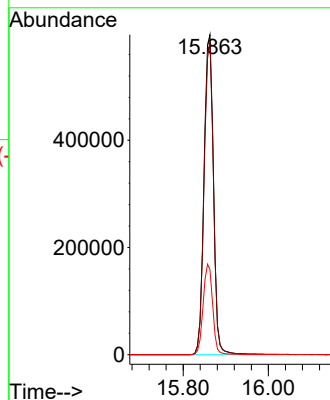
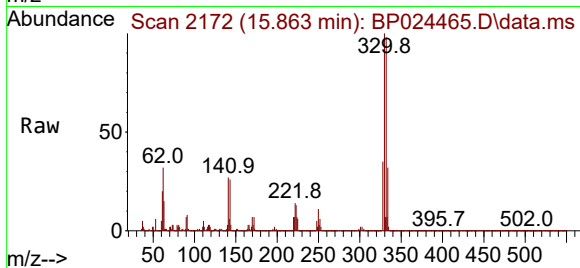
Tgt Ion:330 Resp: 920411

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 28.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 82.625 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024465.D

Acq: 29 Apr 2025 18:44

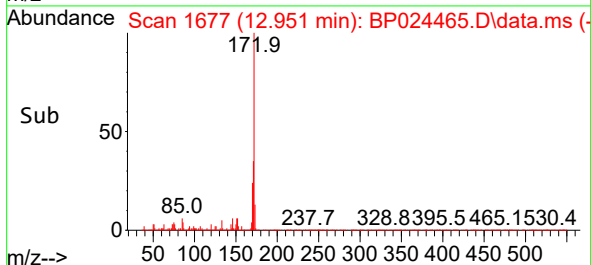
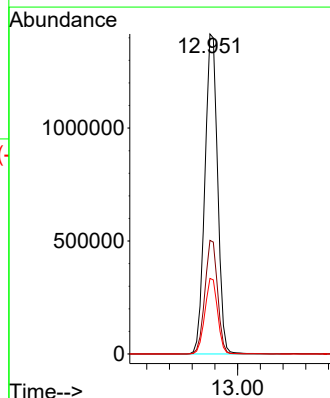
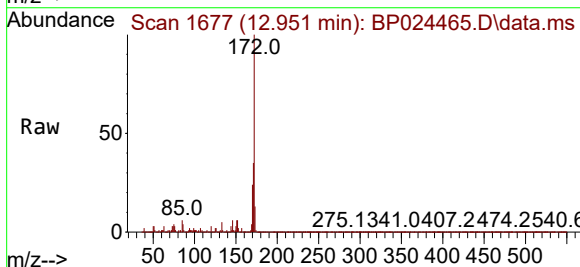
Tgt Ion:172 Resp: 2196549

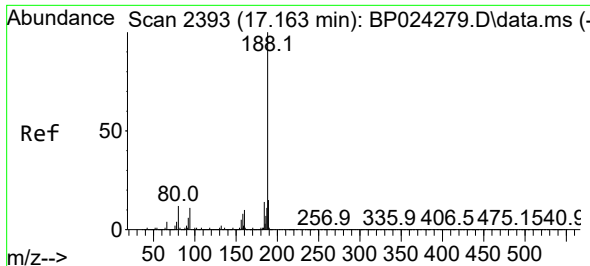
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.6 18.6 27.8

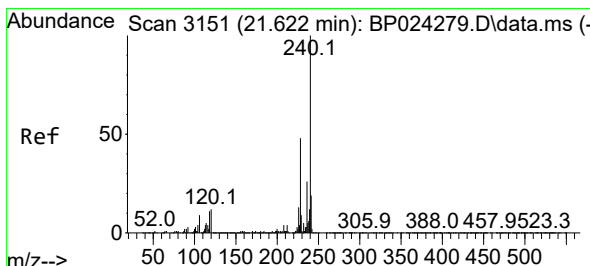
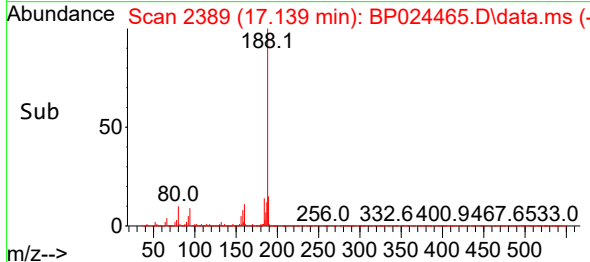
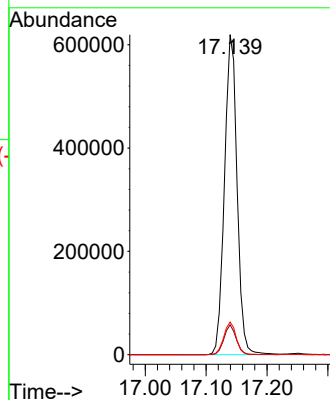
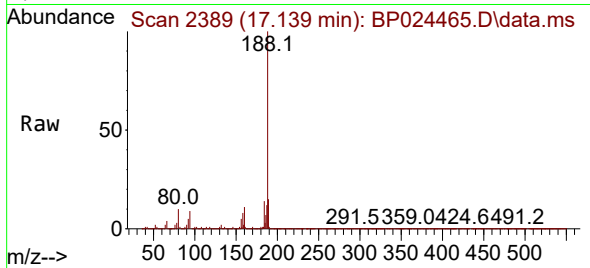




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024465.D
Acq: 29 Apr 2025 18:44

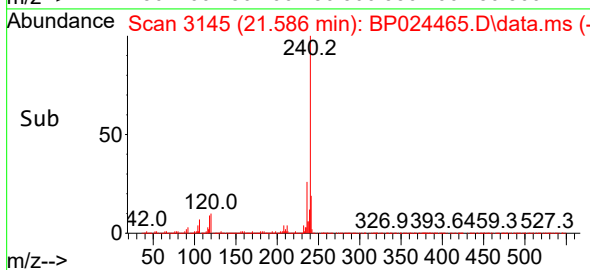
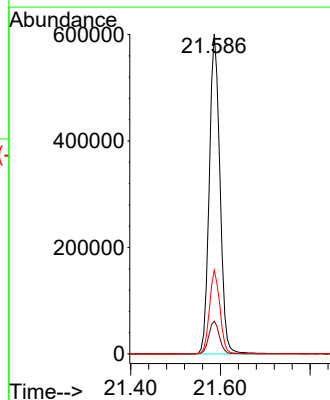
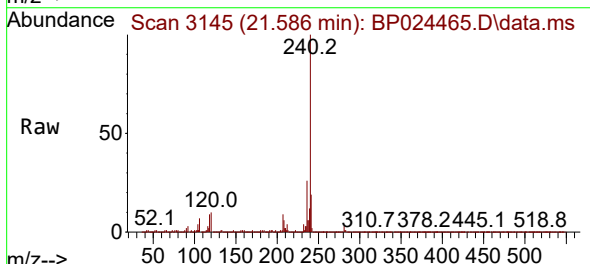
Instrument :
BNA_P
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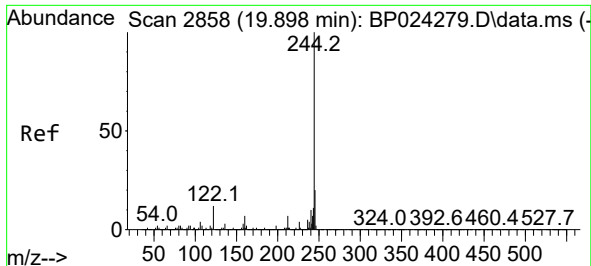
Tgt Ion:188 Resp: 889289
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 10.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024465.D
Acq: 29 Apr 2025 18:44

Tgt Ion:240 Resp: 989799
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 87.091 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024465.D

Acq: 29 Apr 2025 18:44

Instrument :

BNA_P

ClientSampleId :

MH-F

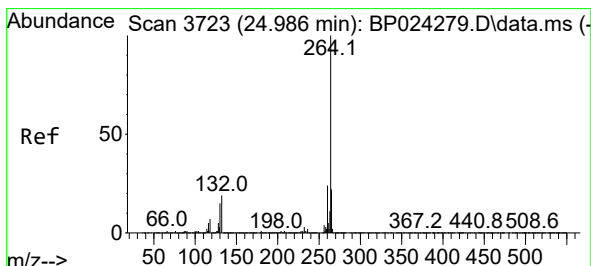
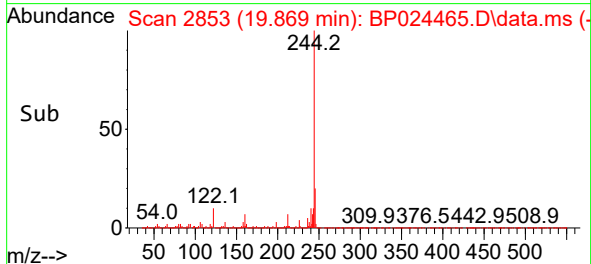
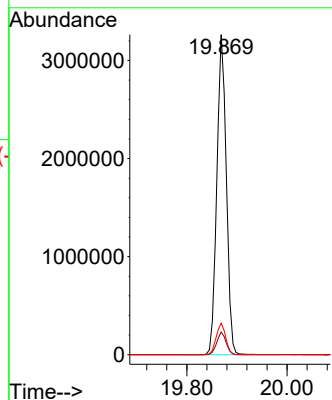
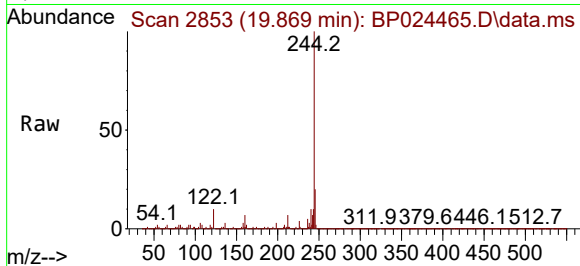
Tgt Ion:244 Resp: 4276692

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.8 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: BP024465.D

Acq: 29 Apr 2025 18:44

Tgt Ion:264 Resp: 1053468

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.2 17.8 26.6

