

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024535.D
 Acq On : 05 May 2025 21:30
 Operator : RC/JU
 Sample : Q1935-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-MM

Quant Time: May 06 04:21:06 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	131670	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	506063	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	307134	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	654013	20.000	ng	-0.01
76) Chrysene-d12	21.574	240	802301	20.000	ng	-0.02
86) Perylene-d12	24.915	264	877996	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	982716	123.405	ng	-0.01
7) Phenol-d6	6.899	99	1085213	99.524	ng	-0.01
23) Nitrobenzene-d5	8.857	82	850564	95.838	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	746120	175.584	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1811844	90.323	ng	-0.02
79) Terphenyl-d14	19.857	244	3667259	92.133	ng	-0.02

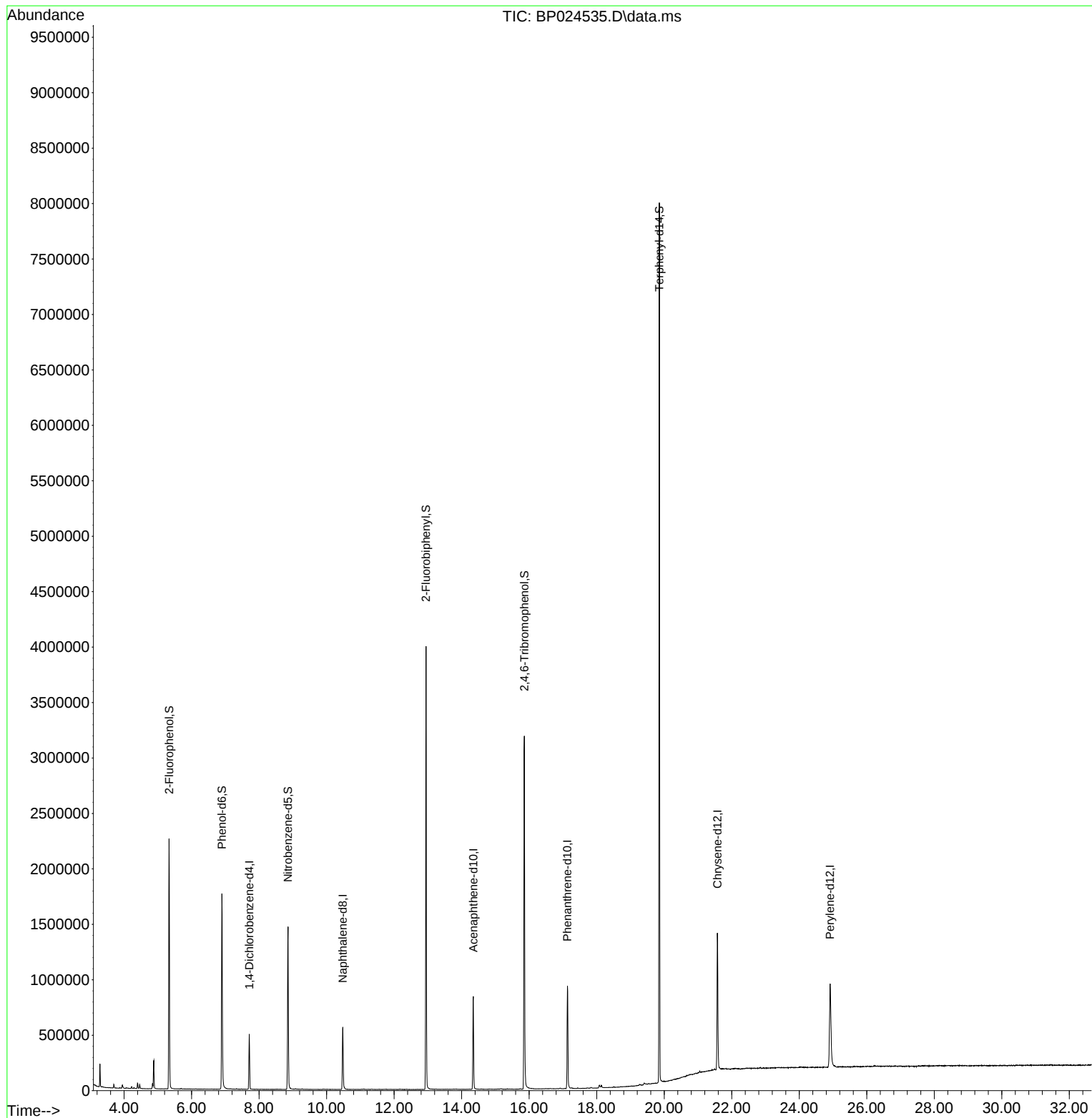
Target Compounds	Qvalue

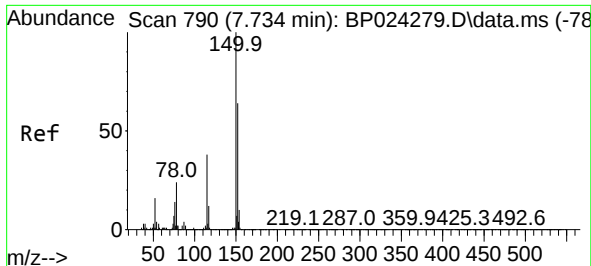
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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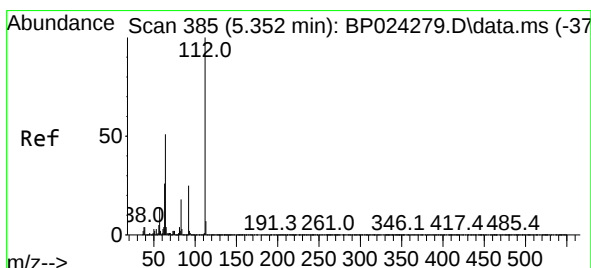
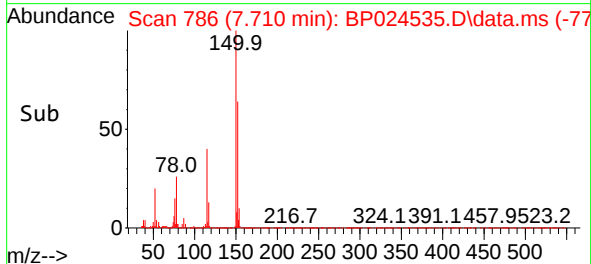
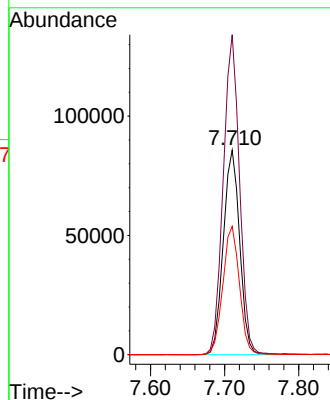
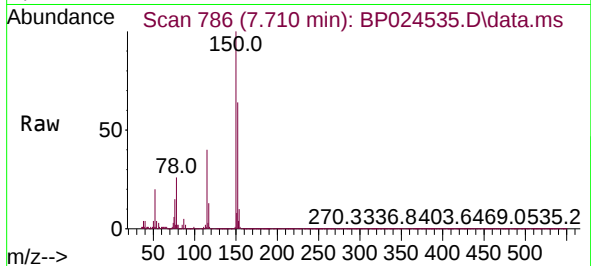




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024535.D
Acq: 05 May 2025 21:30

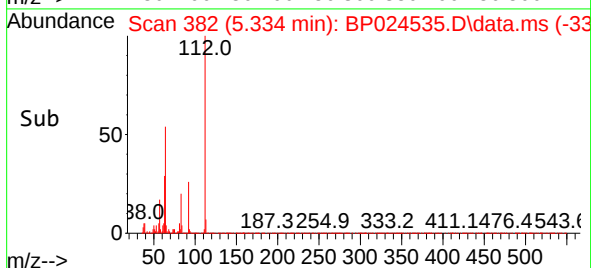
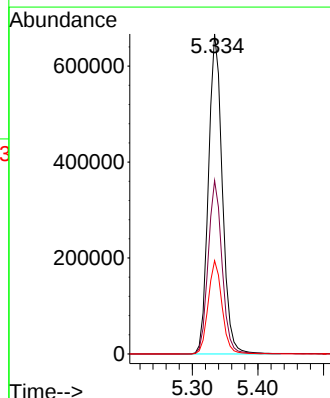
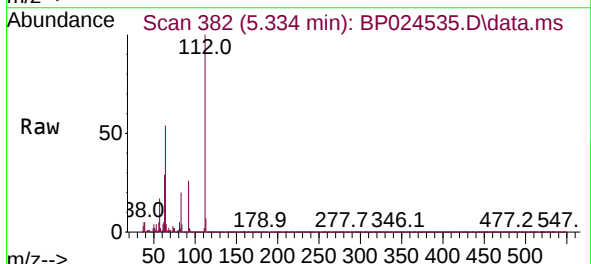
Instrument :
BNA_P
ClientSampleId :
MH-MM

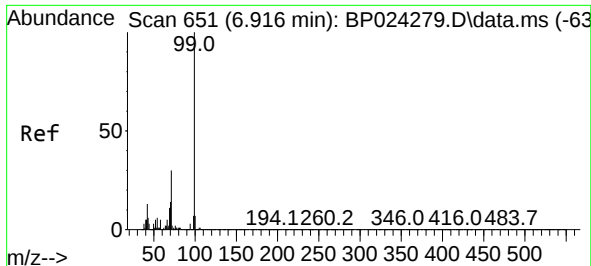
Tgt Ion:152 Resp: 131670
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 62.7 47.7 71.5



#5
2-Fluorophenol
Concen: 123.405 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024535.D
Acq: 05 May 2025 21:30

Tgt Ion:112 Resp: 982716
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 29.2 20.6 30.8





#7

Phenol-d6

Concen: 99.524 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024535.D

Acq: 05 May 2025 21:30

Instrument :

BNA_P

ClientSampleId :

MH-MM

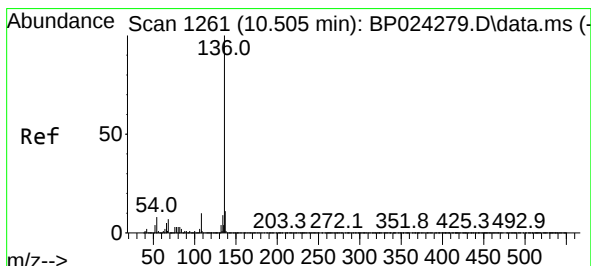
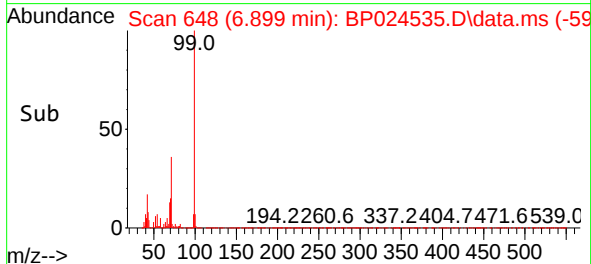
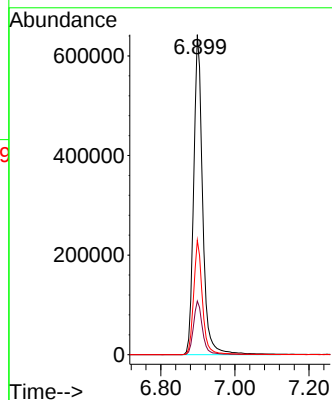
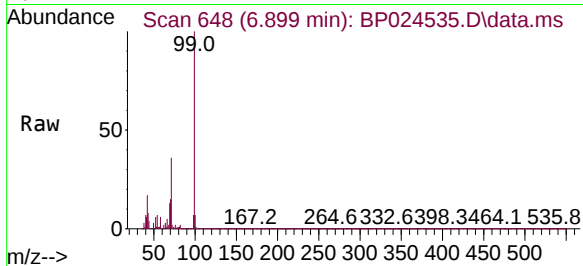
Tgt Ion: 99 Resp: 1085213

Ion Ratio Lower Upper

99 100

42 16.7 10.6 16.0#

71 35.8 23.7 35.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1257

Delta R.T. -0.018 min

Lab File: BP024535.D

Acq: 05 May 2025 21:30

Tgt Ion:136 Resp: 506063

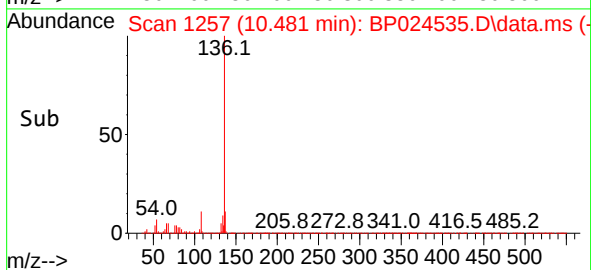
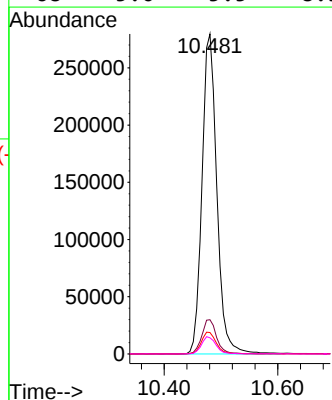
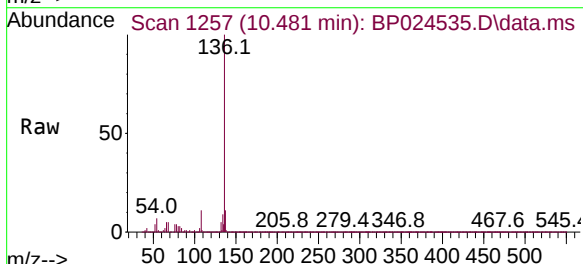
Ion Ratio Lower Upper

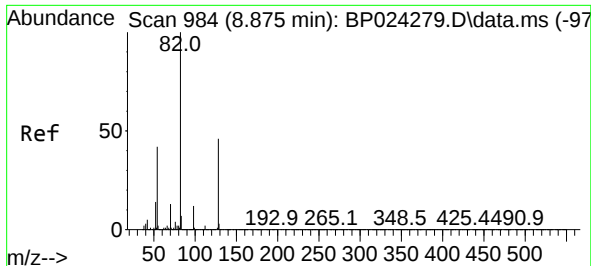
136 100

137 10.7 9.2 13.8

54 6.7 6.0 9.0

68 5.0 5.5 8.3#

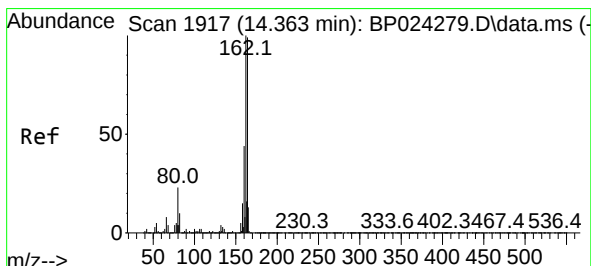
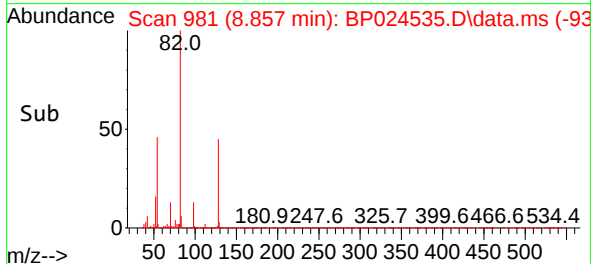
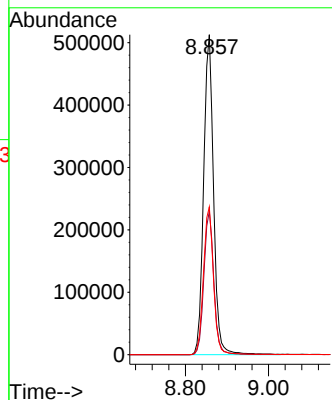
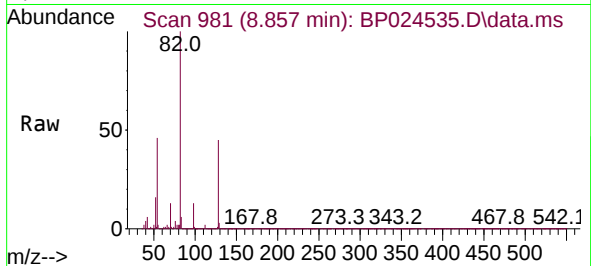




#23
Nitrobenzene-d5
Concen: 95.838 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024535.D
Acq: 05 May 2025 21:30

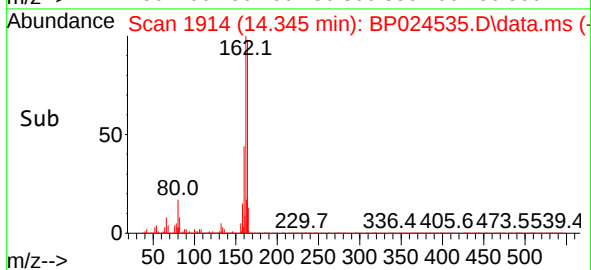
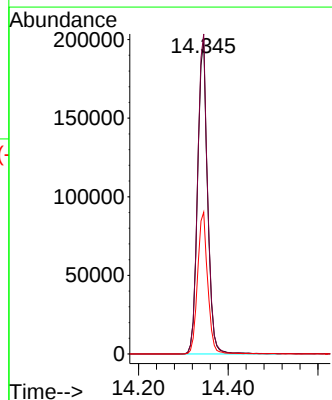
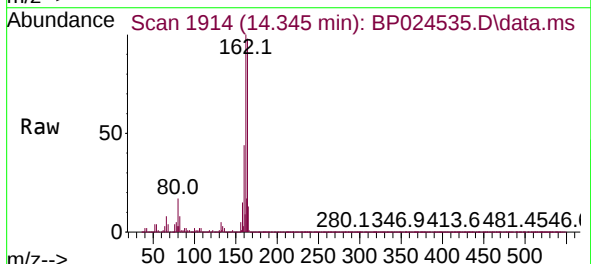
Instrument :
BNA_P
ClientSampleId :
MH-MM

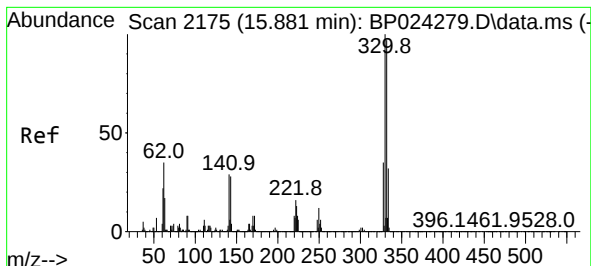
Tgt Ion: 82 Resp: 850564
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 46.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024535.D
Acq: 05 May 2025 21:30

Tgt Ion: 164 Resp: 307134
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 45.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 175.584 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024535.D

Acq: 05 May 2025 21:30

Instrument :

BNA_P

ClientSampleId :

MH-MM

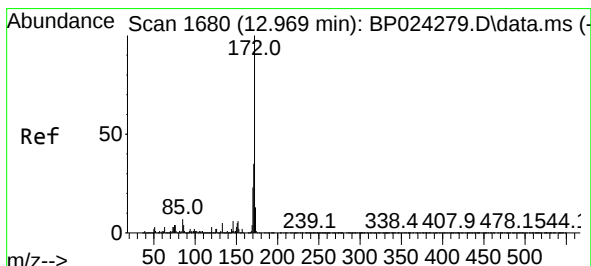
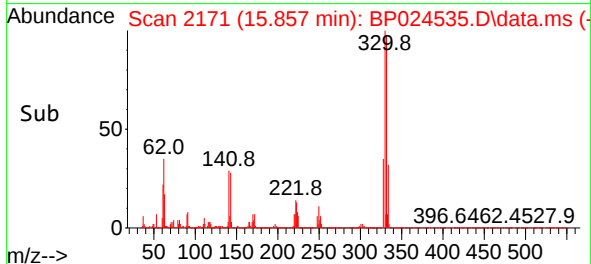
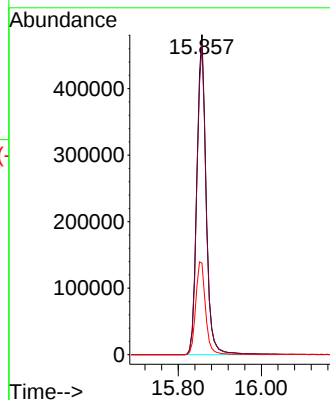
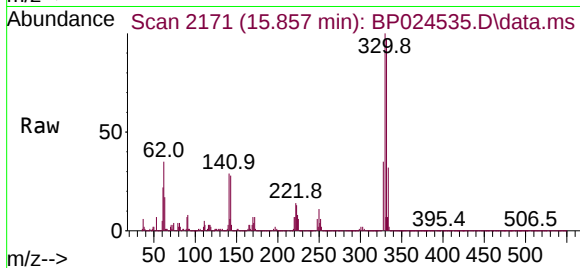
Tgt Ion:330 Resp: 746120

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 30.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 90.323 ng

RT: 12.945 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024535.D

Acq: 05 May 2025 21:30

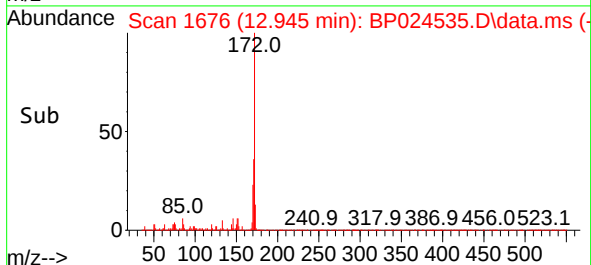
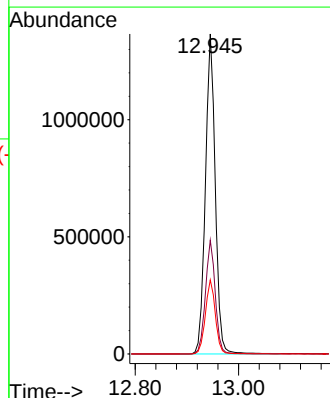
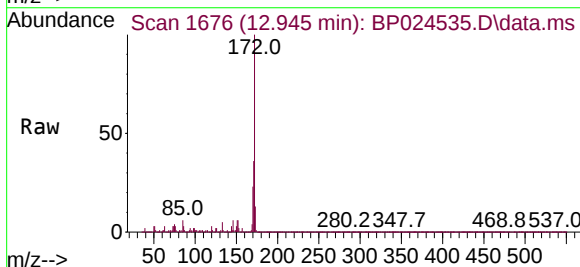
Tgt Ion:172 Resp: 1811844

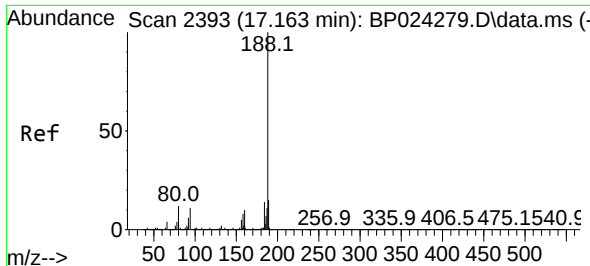
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.2 18.6 27.8

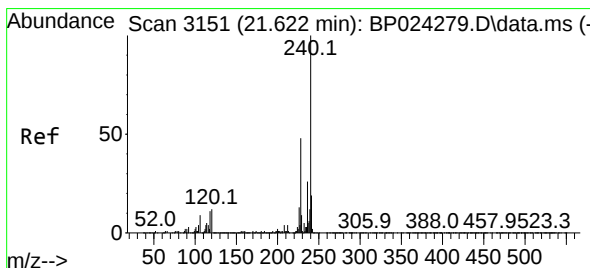
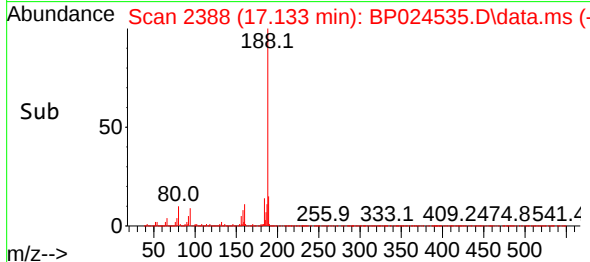
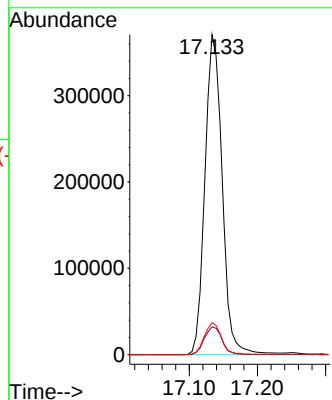
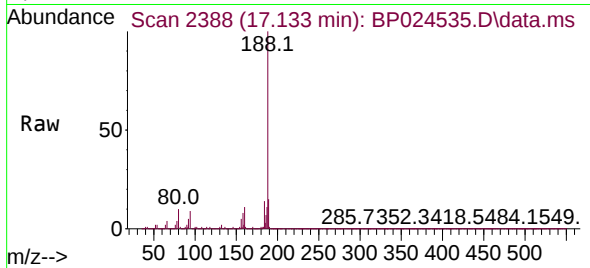




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024535.D
Acq: 05 May 2025 21:30

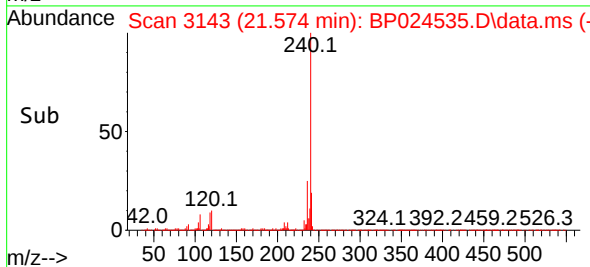
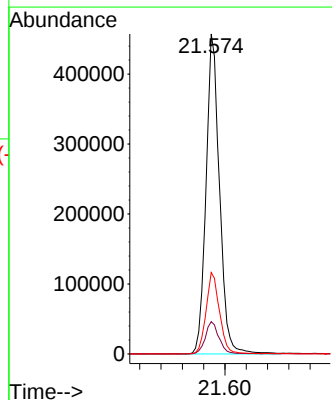
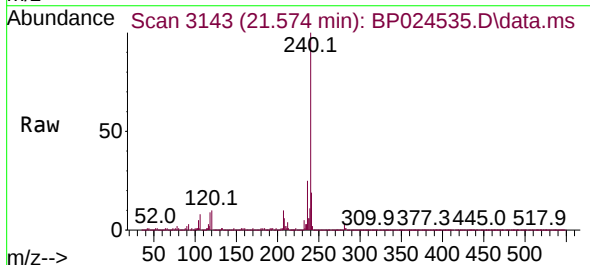
Instrument :
BNA_P
ClientSampleId :
MH-MM

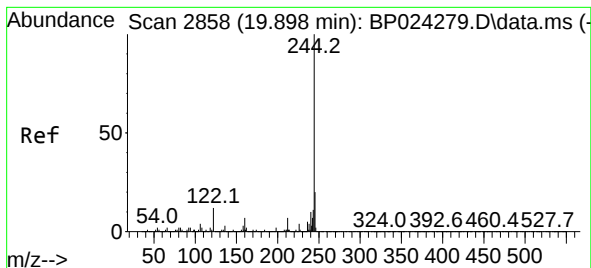
Tgt Ion:188 Resp: 654013
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 10.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024535.D
Acq: 05 May 2025 21:30

Tgt Ion:240 Resp: 802301
Ion Ratio Lower Upper
240 100
120 10.1 9.8 14.8
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 92.133 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024535.D

Acq: 05 May 2025 21:30

Instrument :

BNA_P

ClientSampleId :

MH-MM

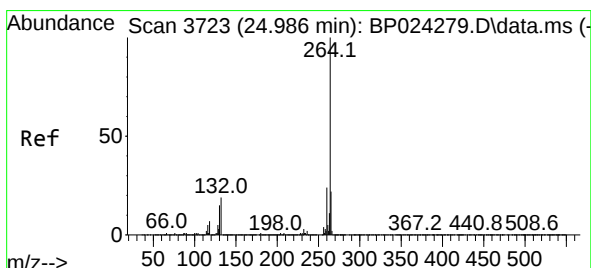
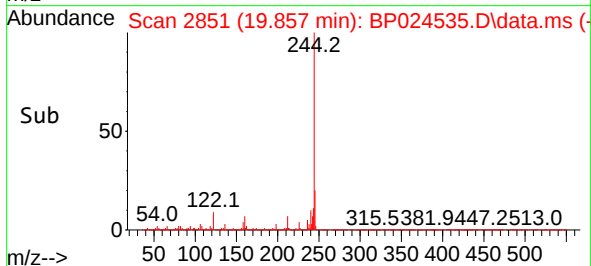
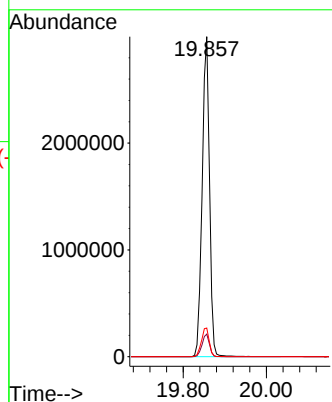
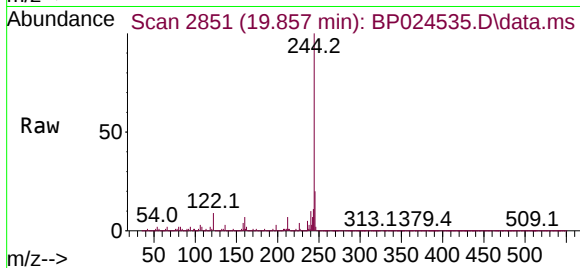
Tgt Ion:244 Resp: 3667259

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.0 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: BP024535.D

Acq: 05 May 2025 21:30

Tgt Ion:264 Resp: 877996

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.4 17.8 26.6

