

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024536.D
 Acq On : 05 May 2025 22:11
 Operator : RC/JU
 Sample : Q1928-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-Q

Quant Time: May 06 04:21:26 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	128604	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	494195	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	291873	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	613812	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	785320	20.000	ng	-0.01
86) Perylene-d12	24.915	264	851846	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	978626	125.821	ng	-0.01
7) Phenol-d6	6.899	99	1078489	101.265	ng	-0.01
23) Nitrobenzene-d5	8.852	82	815080	94.046	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	687508	170.250	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1725855	90.535	ng	-0.02
79) Terphenyl-d14	19.863	244	3486728	89.492	ng	-0.01

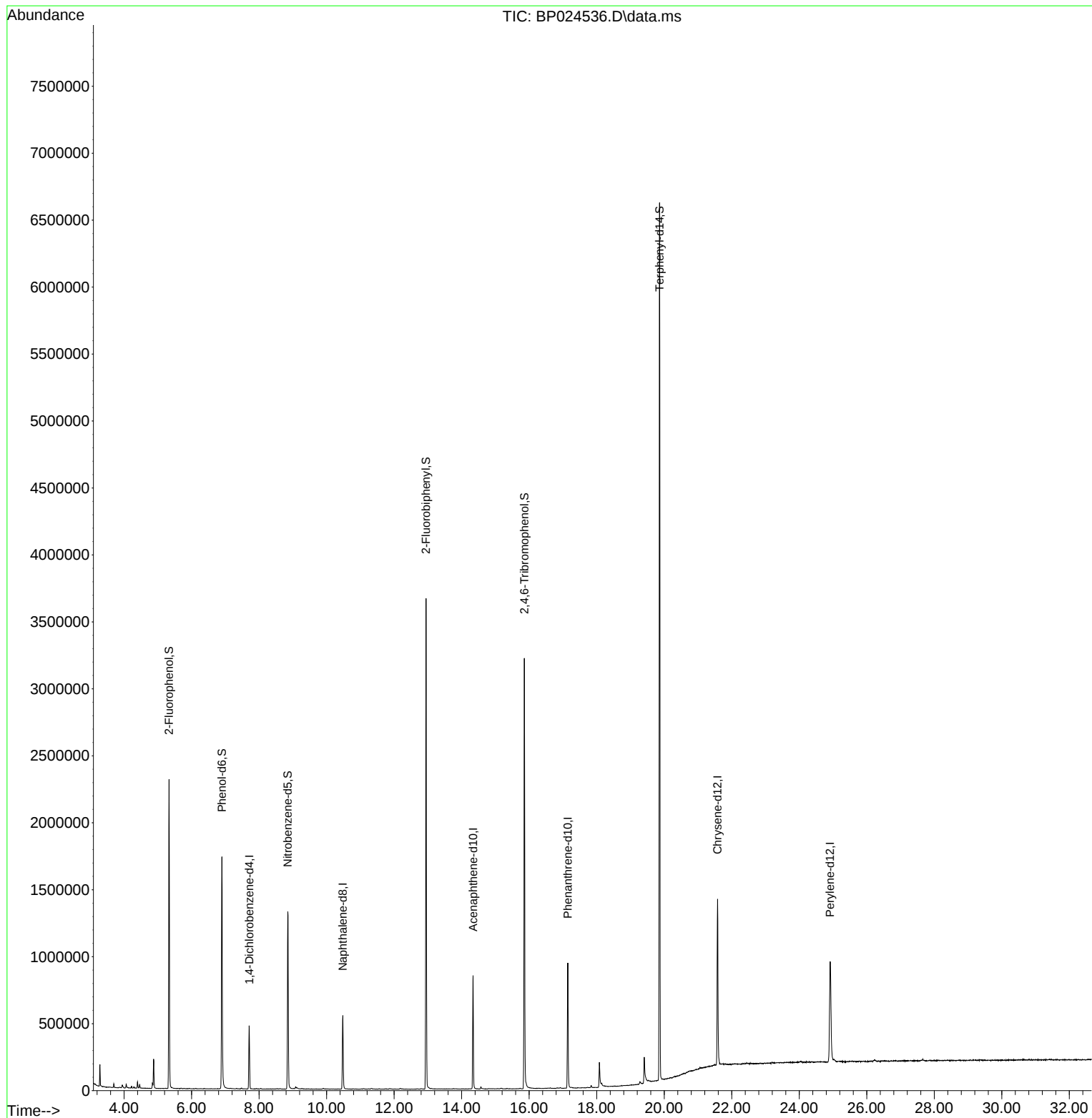
Target Compounds	Qvalue

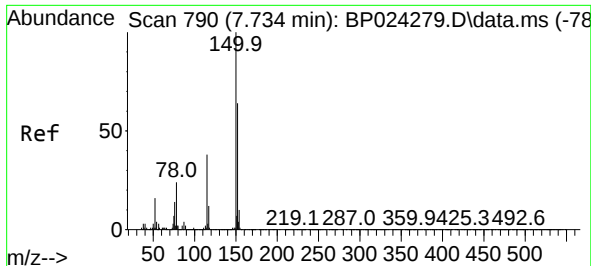
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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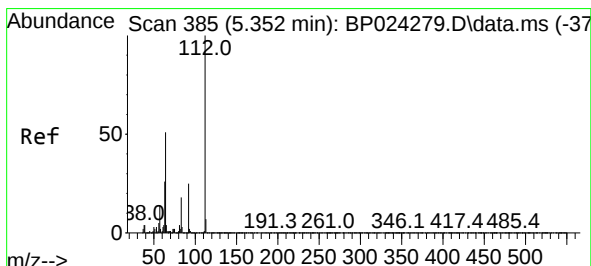
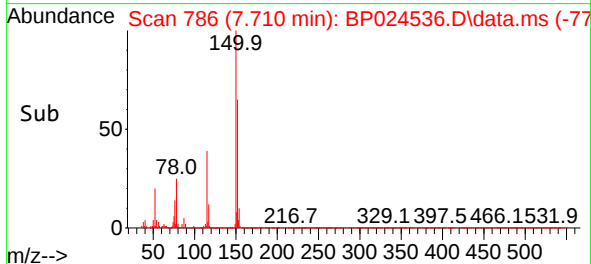
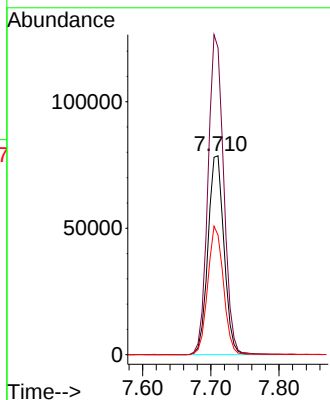
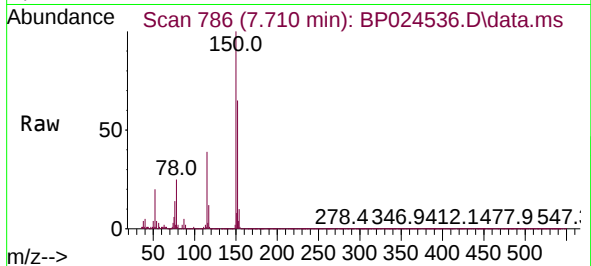




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024536.D
Acq: 05 May 2025 22:11

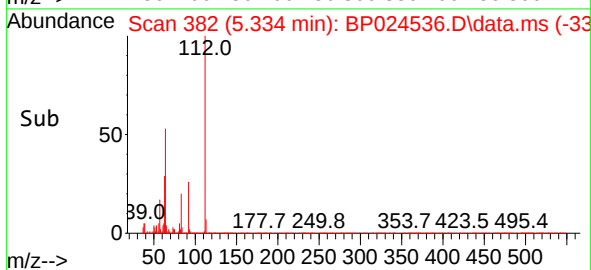
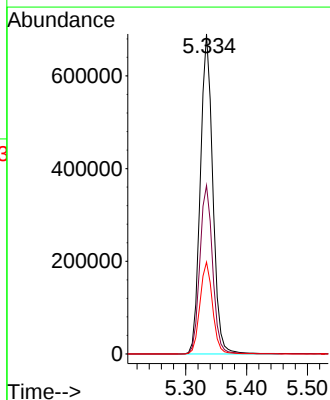
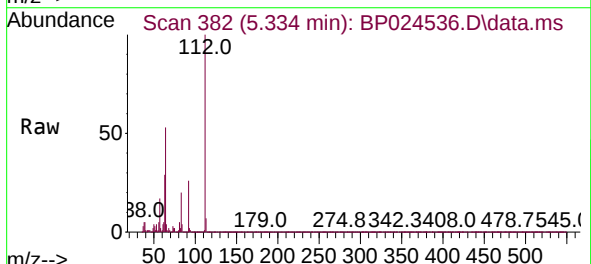
Instrument :
BNA_P
ClientSampleId :
MH-Q

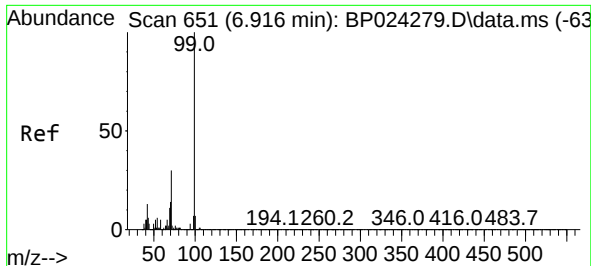
Tgt Ion:152 Resp: 128604
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 60.1 47.7 71.5



#5
2-Fluorophenol
Concen: 125.821 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024536.D
Acq: 05 May 2025 22:11

Tgt Ion:112 Resp: 978626
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 28.7 20.6 30.8

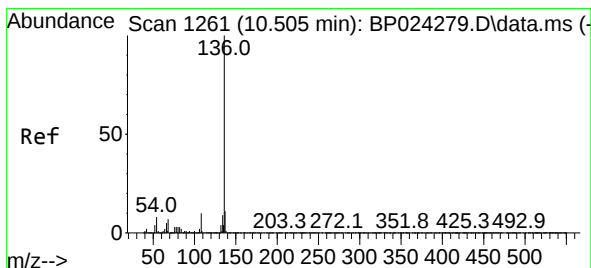
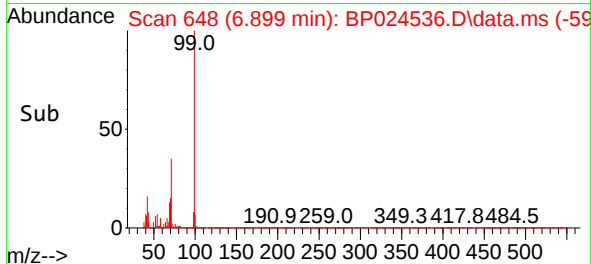
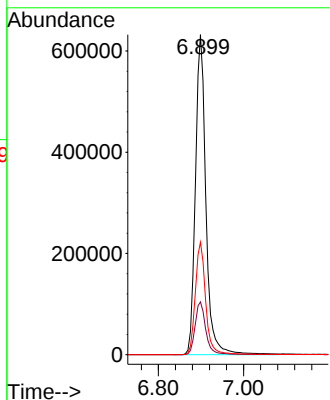
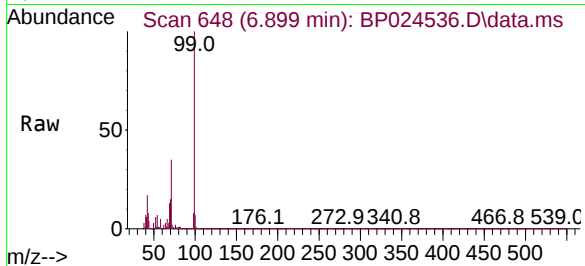




#7
Phenol-d6
Concen: 101.265 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024536.D
Acq: 05 May 2025 22:11

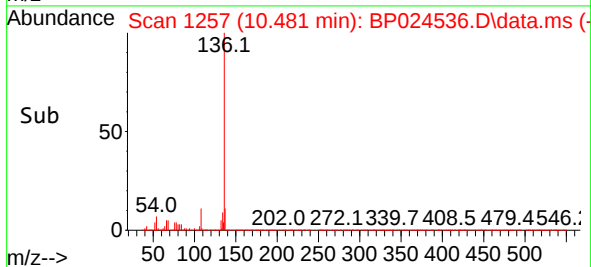
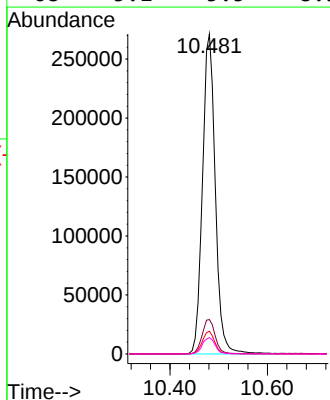
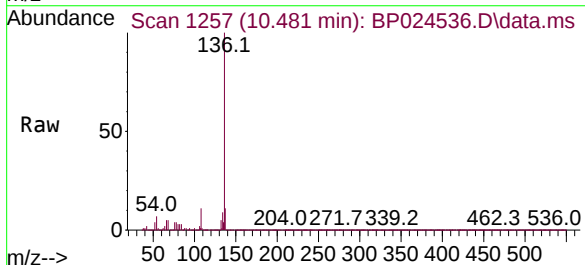
Instrument :
BNA_P
ClientSampleId :
MH-Q

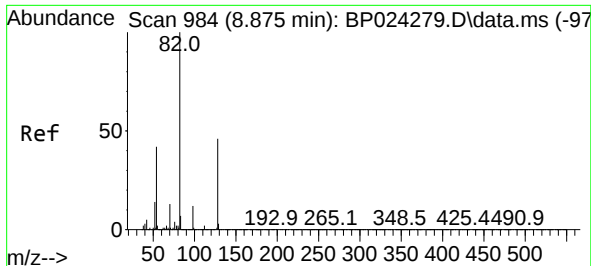
Tgt Ion: 99 Resp: 1078489
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 35.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024536.D
Acq: 05 May 2025 22:11

Tgt Ion:136 Resp: 494195
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.1 6.0 9.0
68 5.1 5.5 8.3#

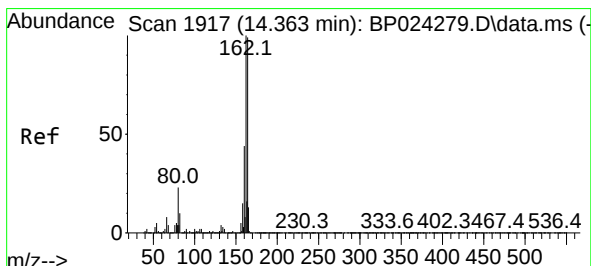
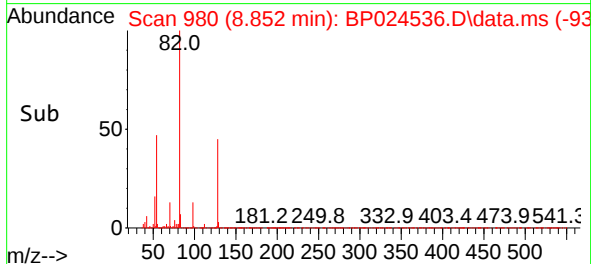
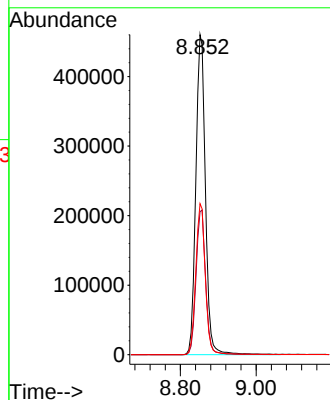
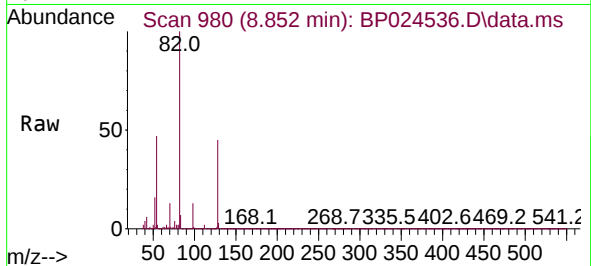




#23
Nitrobenzene-d5
Concen: 94.046 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024536.D
Acq: 05 May 2025 22:11

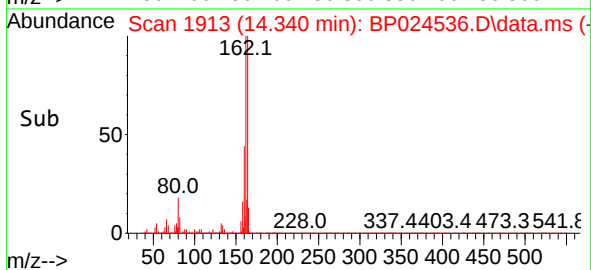
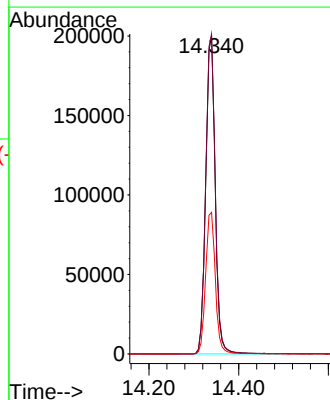
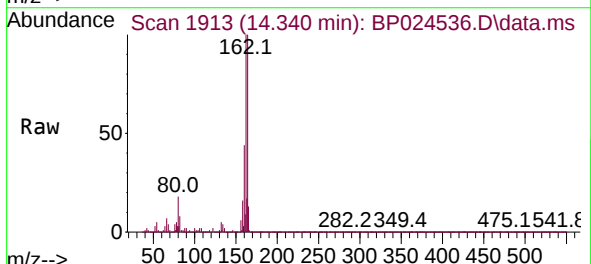
Instrument :
BNA_P
ClientSampleId :
MH-Q

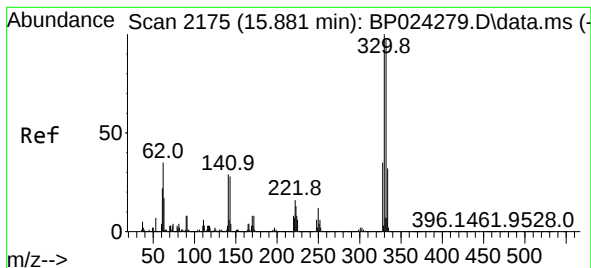
Tgt Ion: 82 Resp: 815080
Ion Ratio Lower Upper
82 100
128 44.7 36.5 54.7
54 47.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024536.D
Acq: 05 May 2025 22:11

Tgt Ion: 164 Resp: 291873
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 170.250 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024536.D

Acq: 05 May 2025 22:11

Instrument :

BNA_P

ClientSampleId :

MH-Q

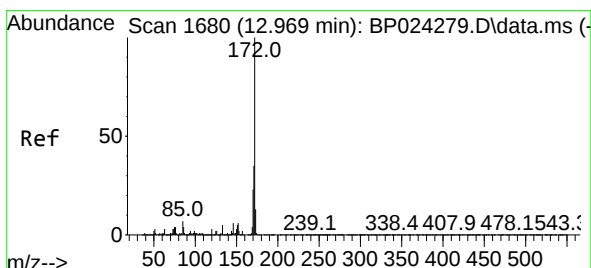
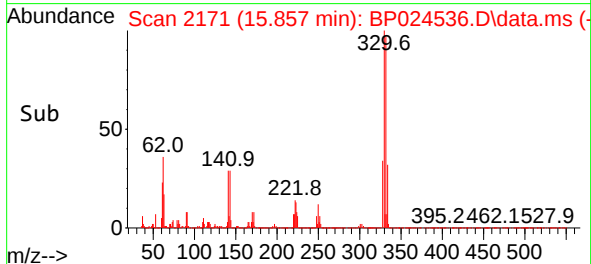
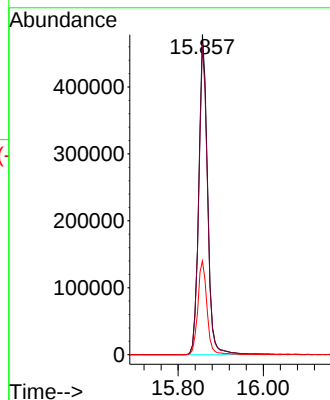
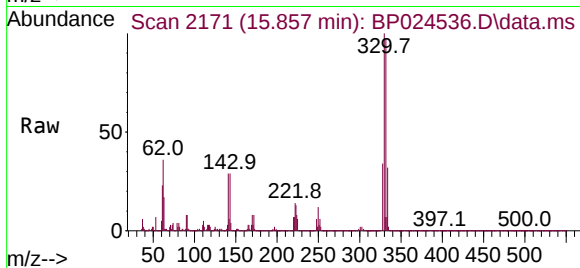
Tgt Ion:330 Resp: 687508

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 30.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 90.535 ng

RT: 12.945 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024536.D

Acq: 05 May 2025 22:11

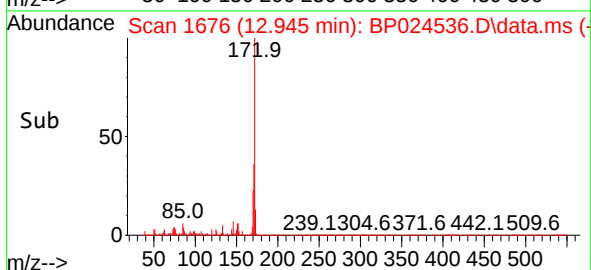
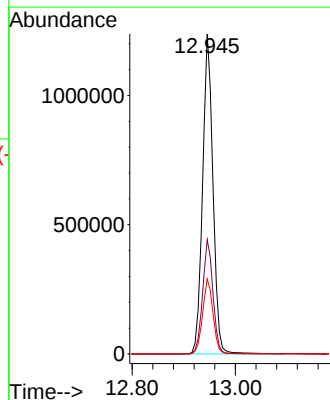
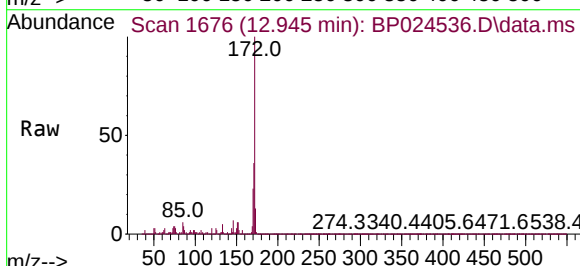
Tgt Ion:172 Resp: 1725855

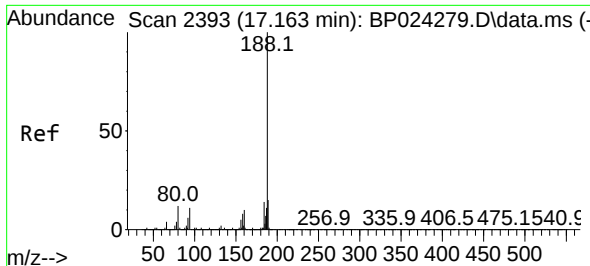
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.5 18.6 27.8

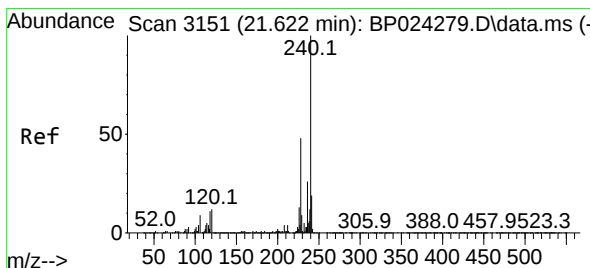
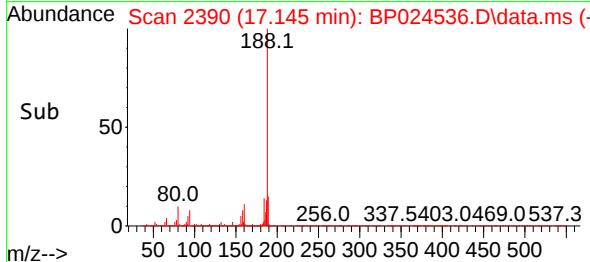
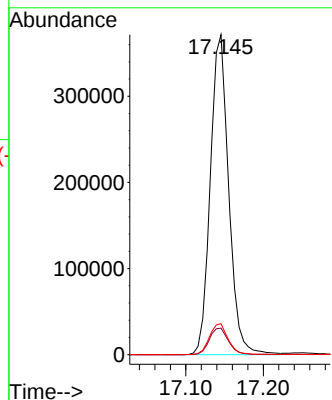
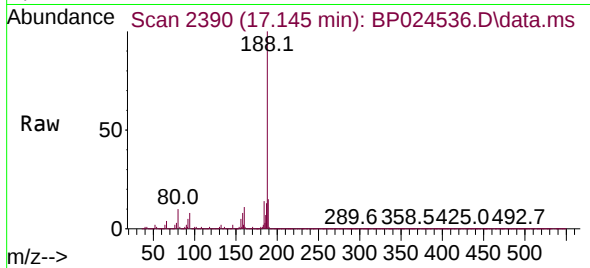




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024536.D
Acq: 05 May 2025 22:11

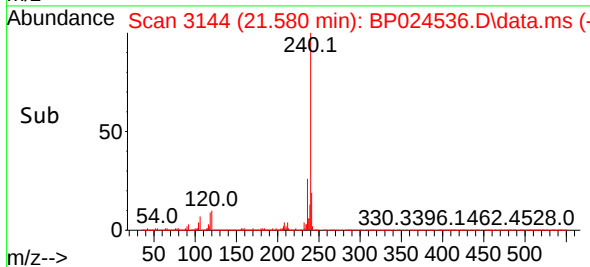
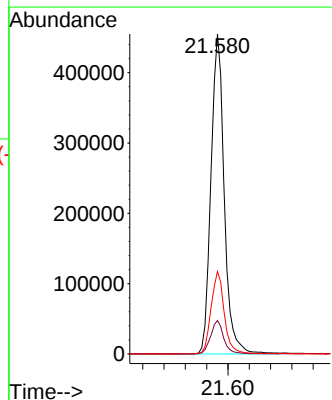
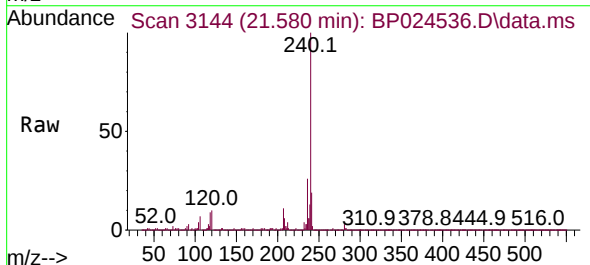
Instrument :
BNA_P
ClientSampleId :
MH-Q

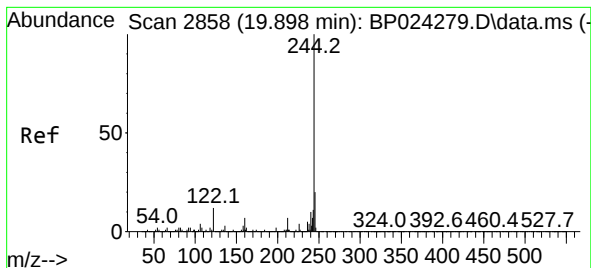
Tgt Ion:188 Resp: 613812
Ion Ratio Lower Upper
188 100
94 8.3 8.6 13.0#
80 9.7 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024536.D
Acq: 05 May 2025 22:11

Tgt Ion:240 Resp: 785320
Ion Ratio Lower Upper
240 100
120 10.5 9.8 14.8
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 89.492 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024536.D

Acq: 05 May 2025 22:11

Instrument :

BNA_P

ClientSampleId :

MH-Q

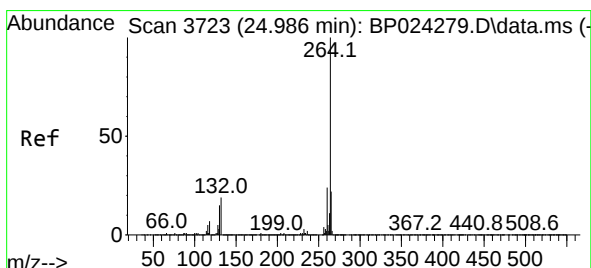
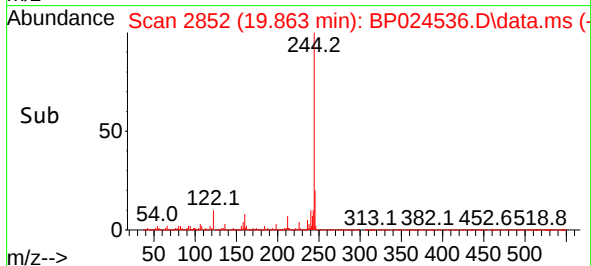
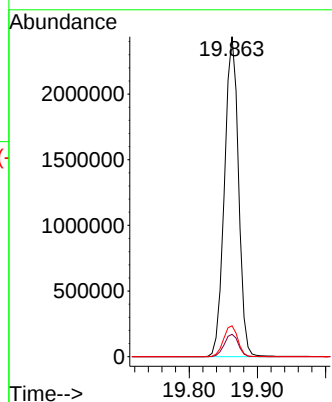
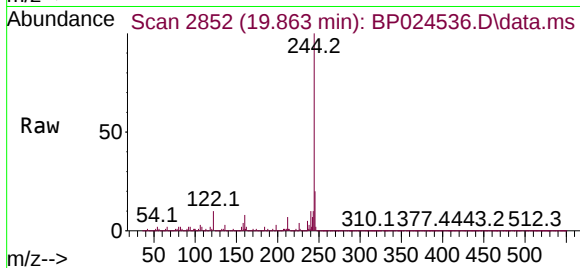
Tgt Ion:244 Resp: 3486728

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 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: BP024536.D

Acq: 05 May 2025 22:11

Tgt Ion:264 Resp: 851846

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.5 17.8 26.6

