

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024583.D
 Acq On : 09 May 2025 01:04
 Operator : RC/JU
 Sample : Q1972-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-1

Quant Time: May 09 01:41:47 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	7.705	152	105956	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	392491	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	224789	20.000	ng	-0.02
64) Phenanthrene-d10	17.133	188	457434	20.000	ng	#-0.01
76) Chrysene-d12	21.569	240	608902	20.000	ng	#-0.02
86) Perylene-d12	24.886	264	751018	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	798092	124.543	ng	-0.02
7) Phenol-d6	6.893	99	891096	101.554	ng	-0.02
23) Nitrobenzene-d5	8.846	82	643224	93.448	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	525350	168.919	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1415728	96.430	ng	-0.02
79) Terphenyl-d14	19.851	244	2746277	90.910	ng	-0.02

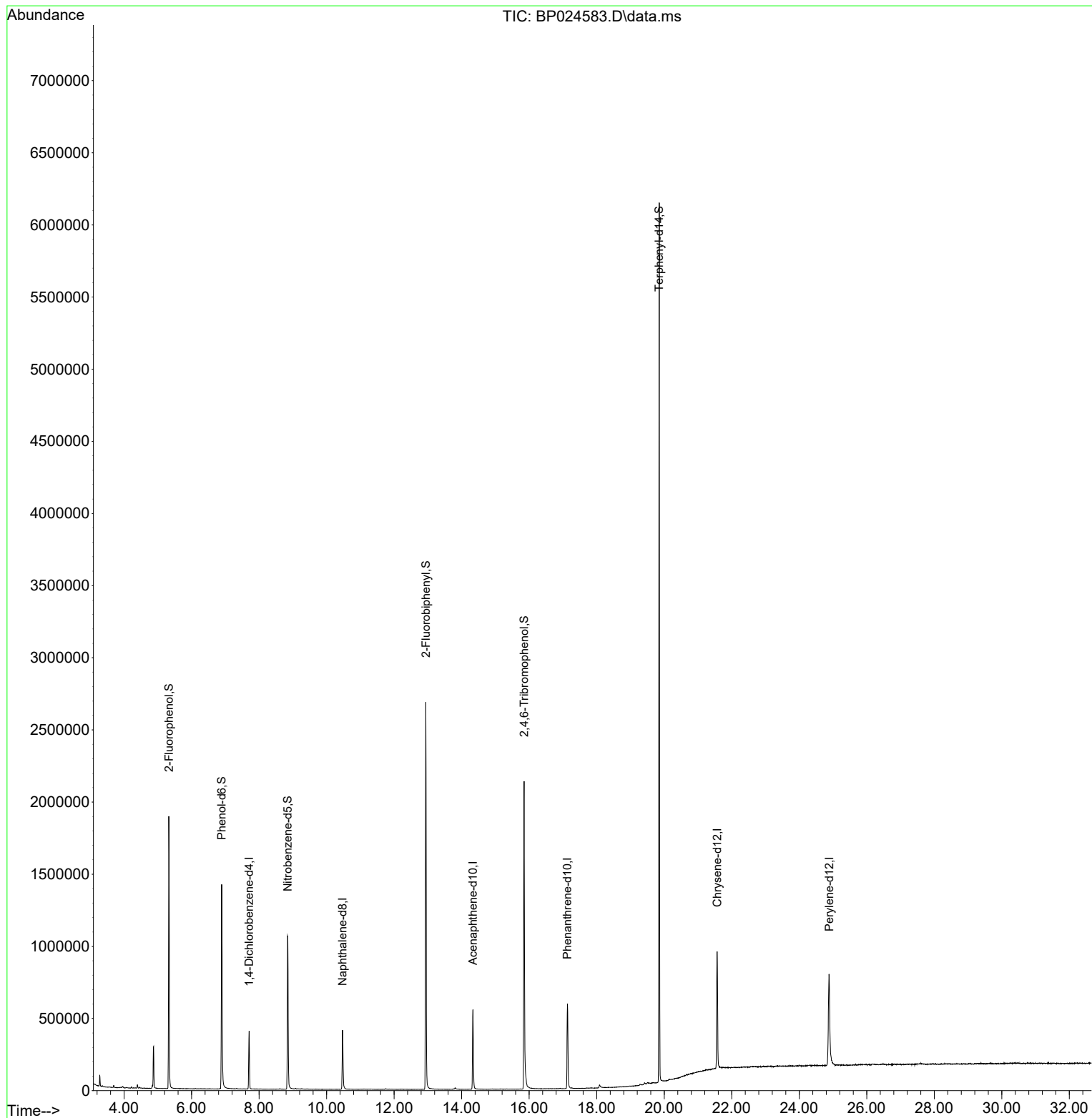
Target Compounds	Qvalue

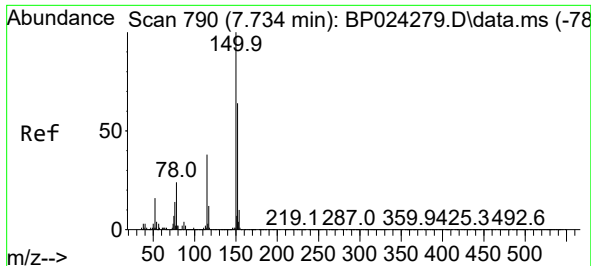
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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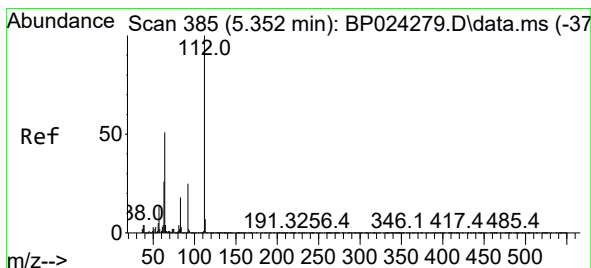
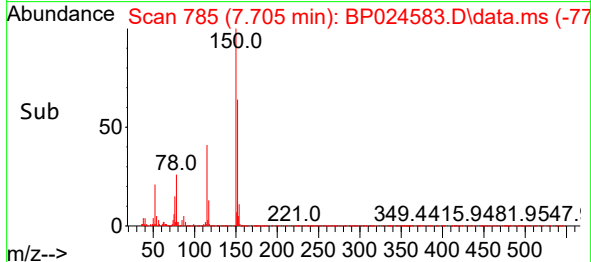
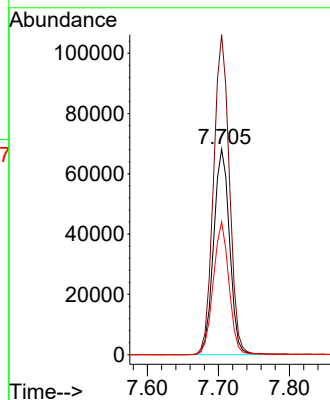
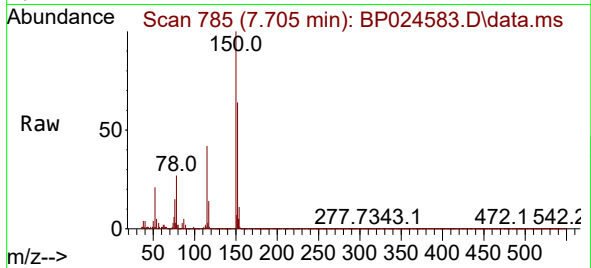




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024583.D
Acq: 09 May 2025 01:04

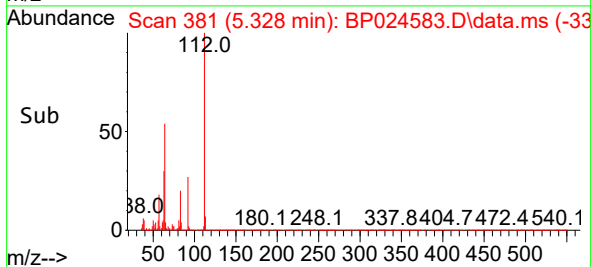
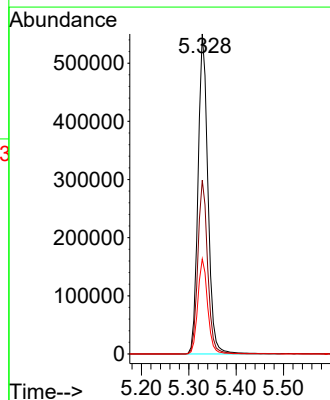
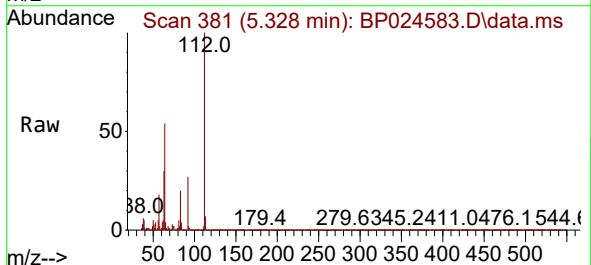
Instrument :
BNA_P
ClientSampleId :
WC-B-1

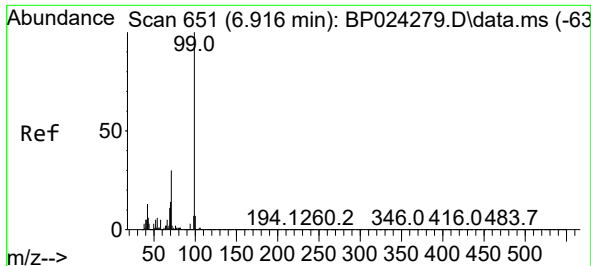
Tgt Ion:152 Resp: 105956
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 64.6 47.7 71.5



#5
2-Fluorophenol
Concen: 124.543 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024583.D
Acq: 09 May 2025 01:04

Tgt Ion:112 Resp: 798092
Ion Ratio Lower Upper
112 100
64 54.3 41.1 61.7
63 29.7 20.6 30.8

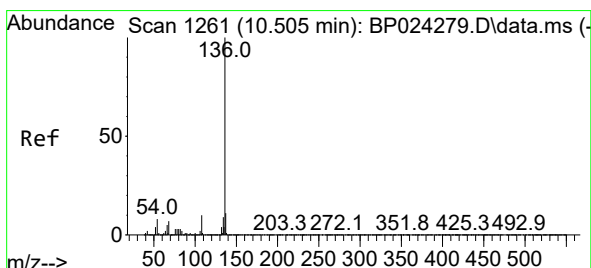
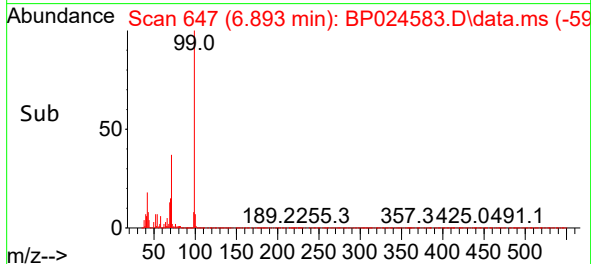
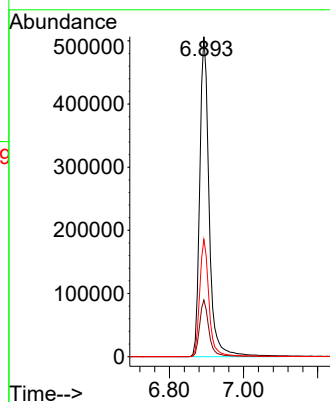
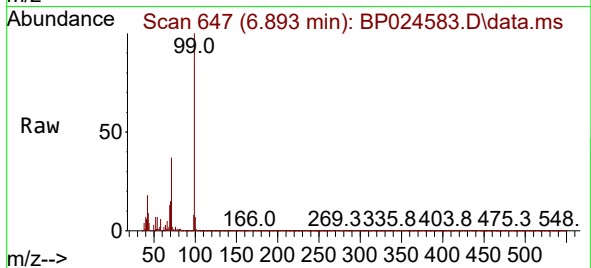




#7
Phenol-d6
Concen: 101.554 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024583.D
Acq: 09 May 2025 01:04

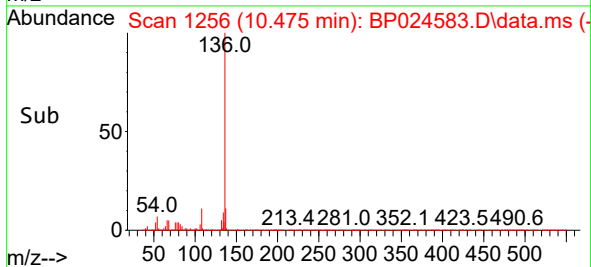
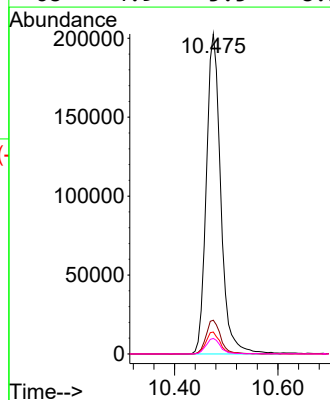
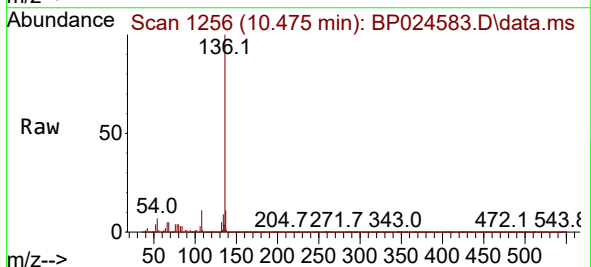
Instrument :
BNA_P
ClientSampleId :
WC-B-1

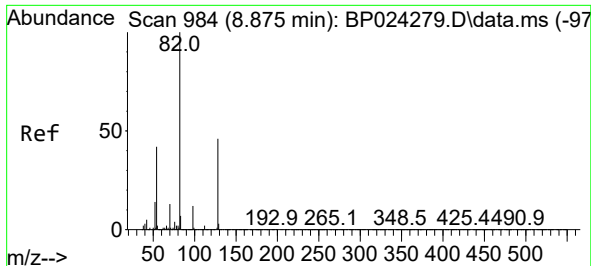
Tgt Ion: 99 Resp: 891096
Ion Ratio Lower Upper
99 100
42 17.7 10.6 16.0#
71 36.7 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024583.D
Acq: 09 May 2025 01:04

Tgt Ion:136 Resp: 392491
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 6.9 6.0 9.0
68 4.9 5.5 8.3#

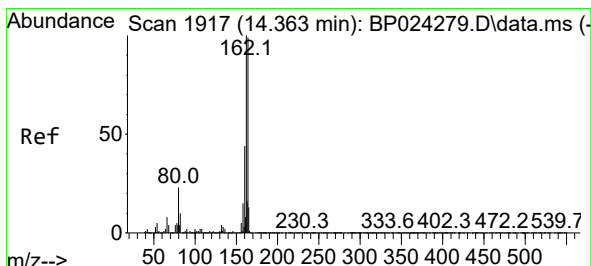
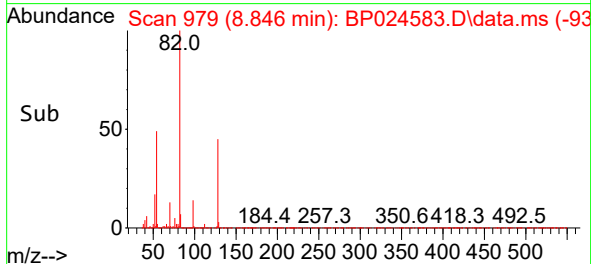
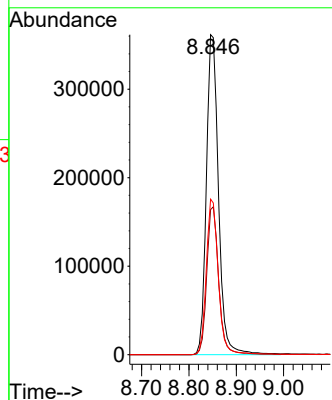
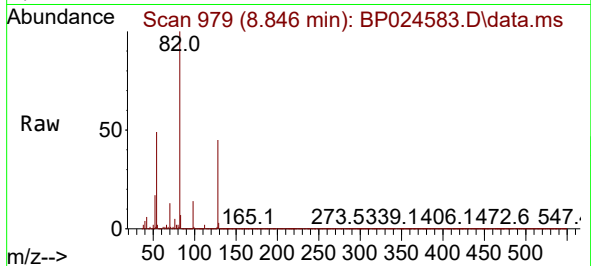




#23
Nitrobenzene-d5
Concen: 93.448 ng
RT: 8.846 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP024583.D
Acq: 09 May 2025 01:04

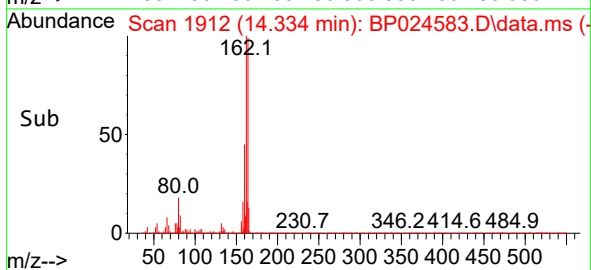
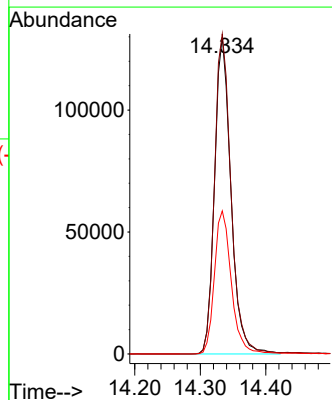
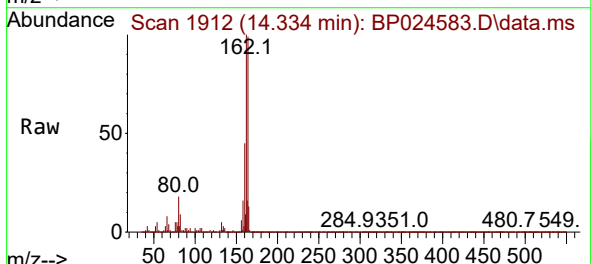
Instrument :
BNA_P
ClientSampleId :
WC-B-1

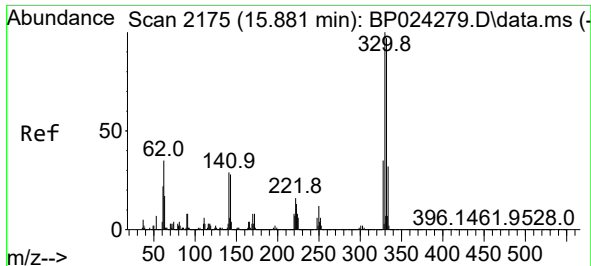
Tgt Ion: 82 Resp: 643224
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 48.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024583.D
Acq: 09 May 2025 01:04

Tgt Ion: 164 Resp: 224789
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.2 35.3 52.9

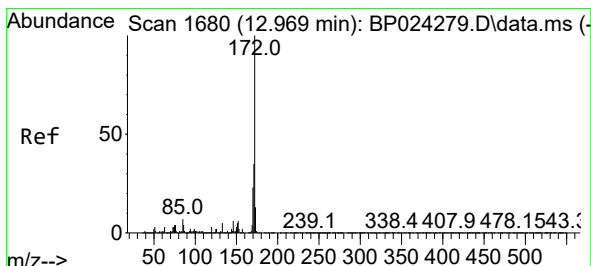
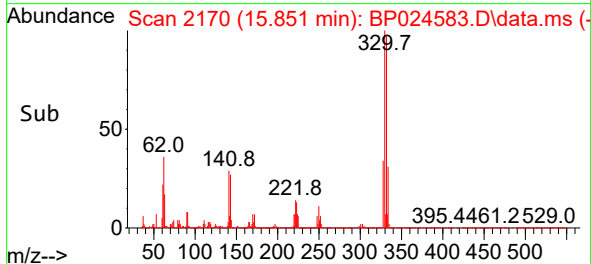
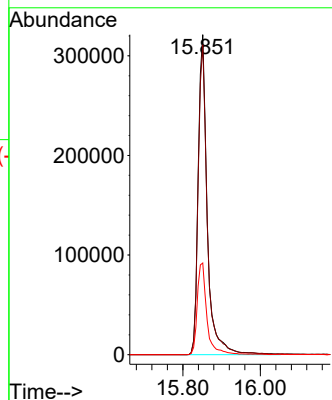
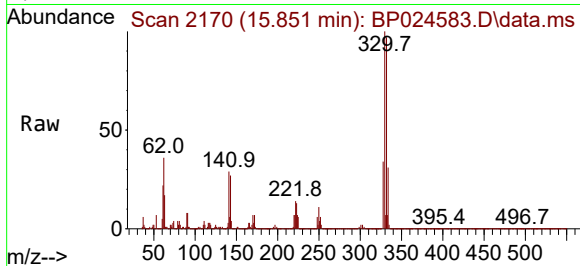




#42
2,4,6-Tribromophenol
Concen: 168.919 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024583.D
Acq: 09 May 2025 01:04

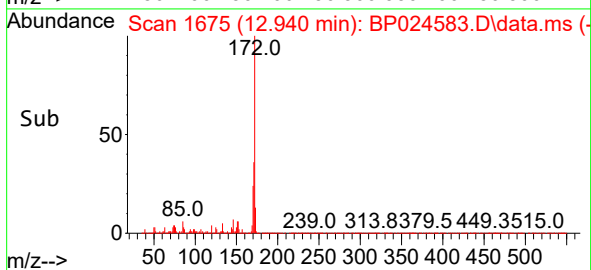
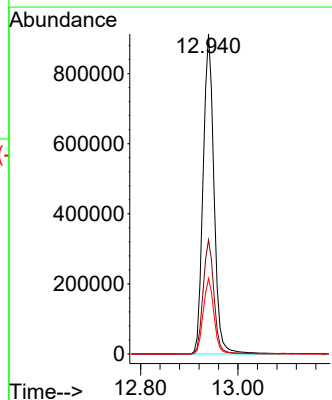
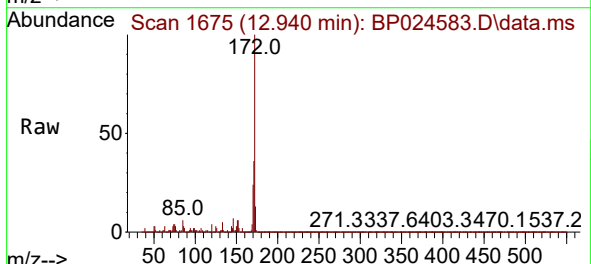
Instrument :
BNA_P
ClientSampleId :
WC-B-1

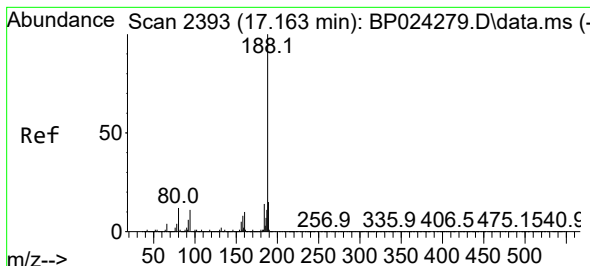
Tgt Ion:330 Resp: 525350
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 30.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 96.430 ng
RT: 12.940 min Scan# 1675
Delta R.T. -0.024 min
Lab File: BP024583.D
Acq: 09 May 2025 01:04

Tgt Ion:172 Resp: 1415728
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: 17.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024583.D

Acq: 09 May 2025 01:04

Instrument :

BNA_P

ClientSampleId :

WC-B-1

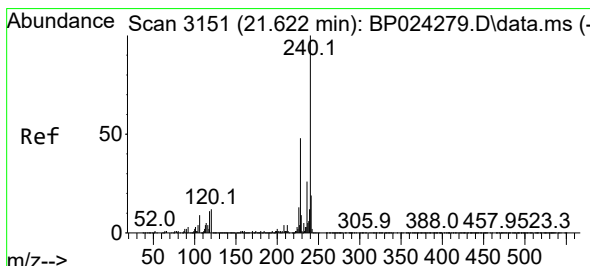
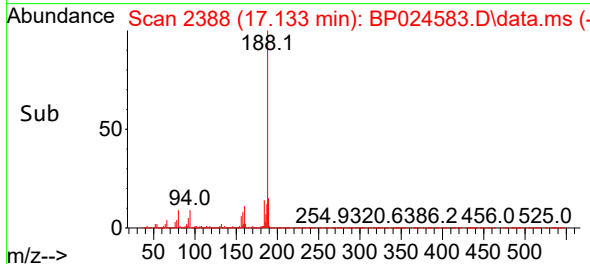
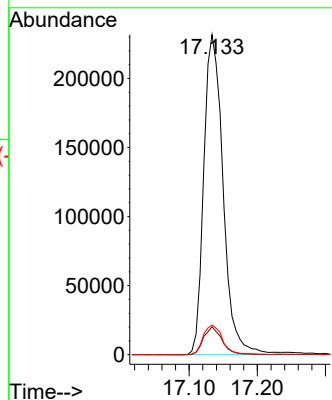
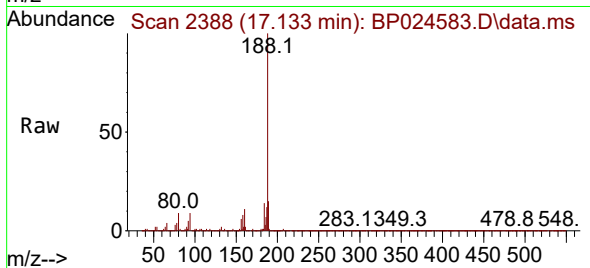
Tgt Ion:188 Resp: 457434

Ion Ratio Lower Upper

188 100

94 8.7 8.6 13.0

80 9.2 9.8 14.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3142

Delta R.T. -0.024 min

Lab File: BP024583.D

Acq: 09 May 2025 01:04

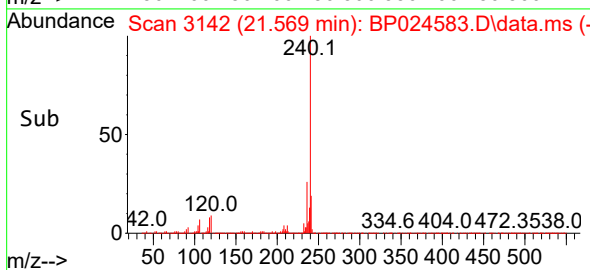
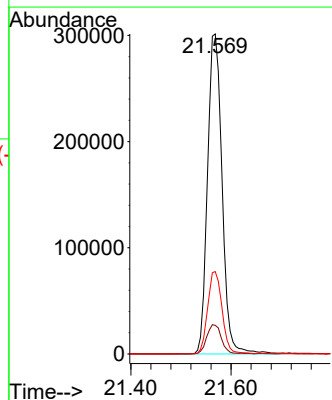
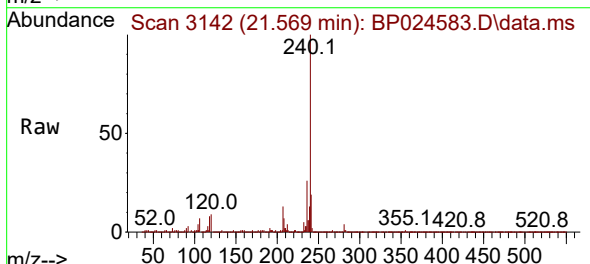
Tgt Ion:240 Resp: 608902

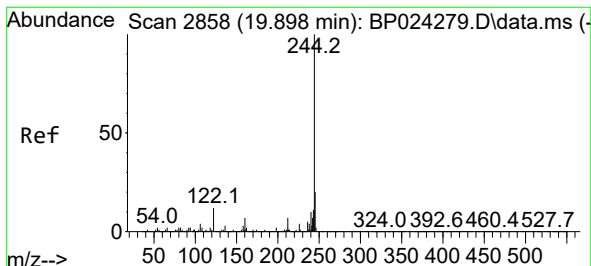
Ion Ratio Lower Upper

240 100

120 8.9 9.8 14.8#

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 90.910 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024583.D

Acq: 09 May 2025 01:04

Instrument :

BNA_P

ClientSampleId :

WC-B-1

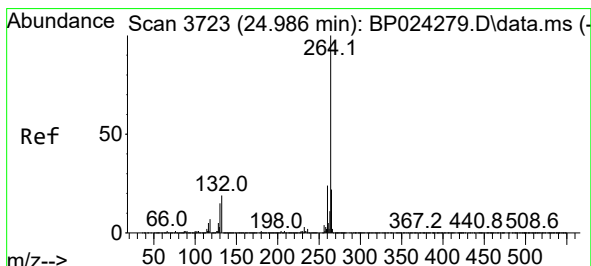
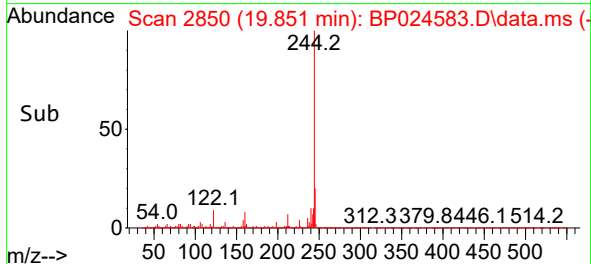
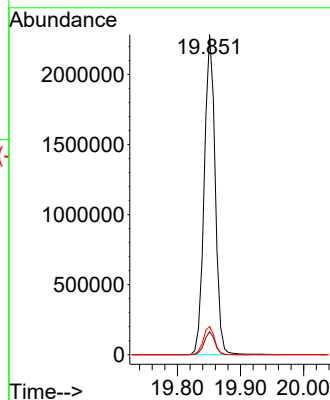
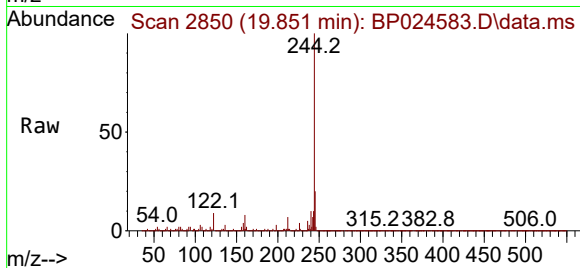
Tgt Ion:244 Resp: 2746277

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 8.8 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.886 min Scan# 3706

Delta R.T. -0.047 min

Lab File: BP024583.D

Acq: 09 May 2025 01:04

Tgt Ion:264 Resp: 751018

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.3 17.8 26.6

