

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024582.D
 Acq On : 09 May 2025 00:24
 Operator : RC/JU
 Sample : Q1972-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUB-WC-2

Quant Time: May 09 01:41:29 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	120298	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	454225	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	264995	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	528354	20.000	ng	#-0.01
76) Chrysene-d12	21.574	240	718922	20.000	ng	#-0.02
86) Perylene-d12	24.892	264	861329	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	927542	127.487	ng	-0.02
7) Phenol-d6	6.893	99	1045463	104.942	ng	-0.02
23) Nitrobenzene-d5	8.851	82	737187	92.543	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	587786	160.319	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1633738	94.395	ng	-0.02
79) Terphenyl-d14	19.851	244	3316520	92.985	ng	-0.02

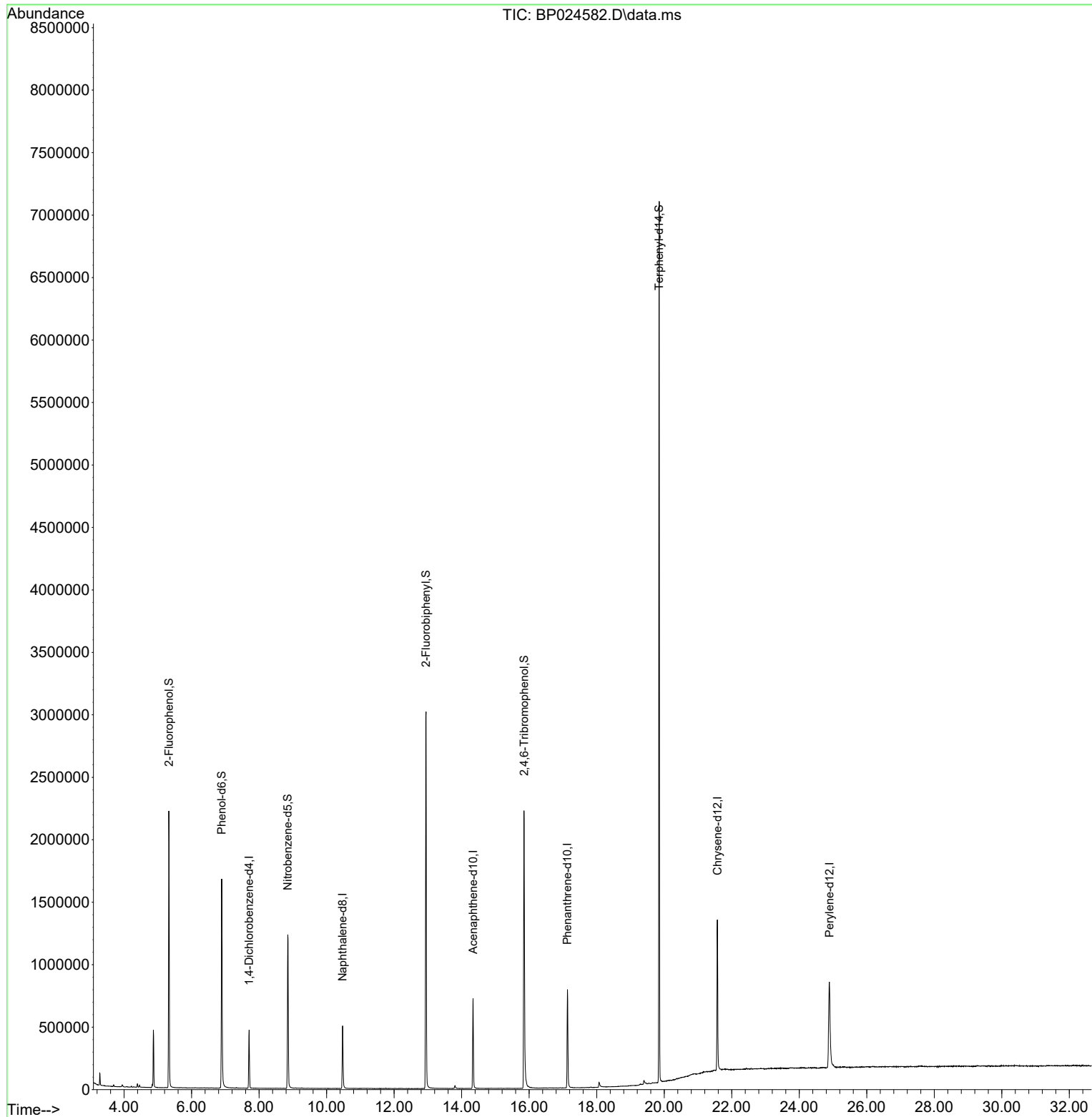
Target Compounds	Qvalue

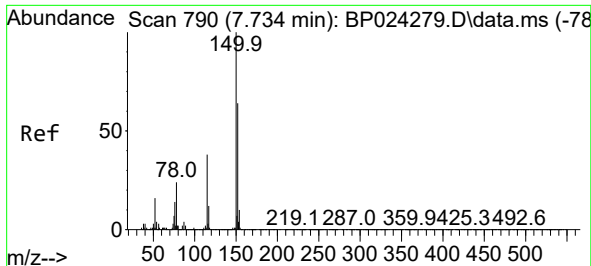
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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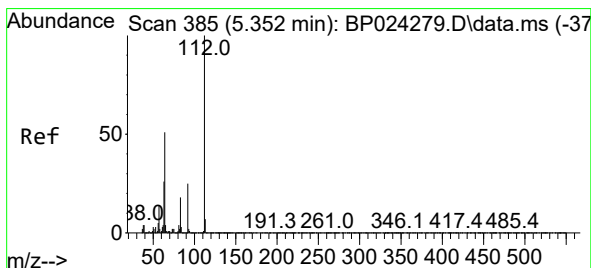
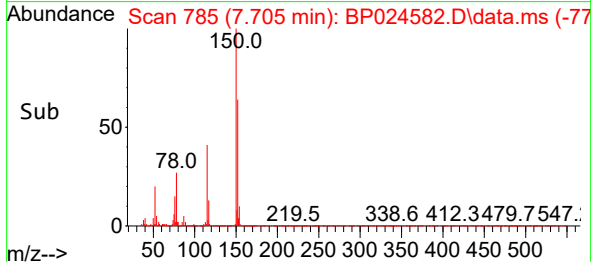
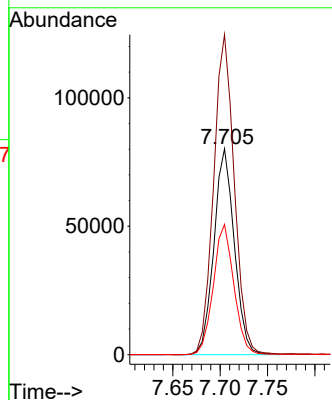
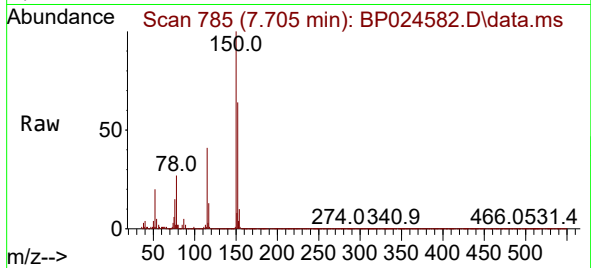




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

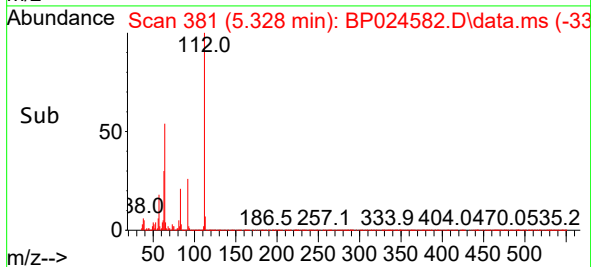
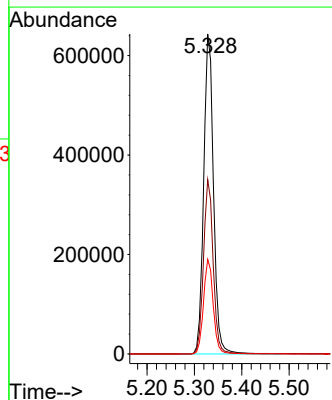
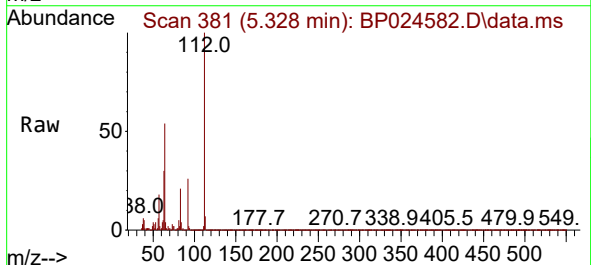
Instrument :
BNA_P
ClientSampleId :
SUB-WC-2

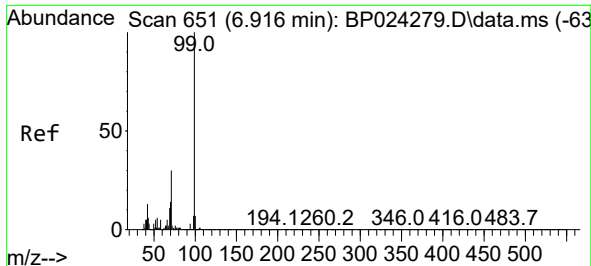
Tgt Ion:152 Resp: 120298
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 63.2 47.7 71.5



#5
2-Fluorophenol
Concen: 127.487 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

Tgt Ion:112 Resp: 927542
Ion Ratio Lower Upper
112 100
64 54.4 41.1 61.7
63 29.6 20.6 30.8

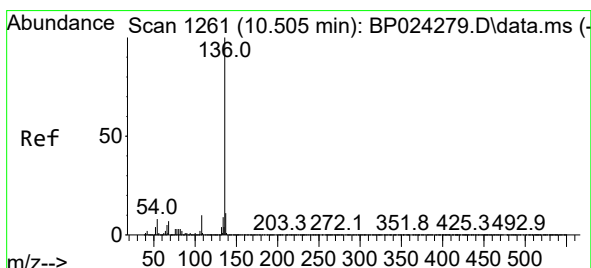
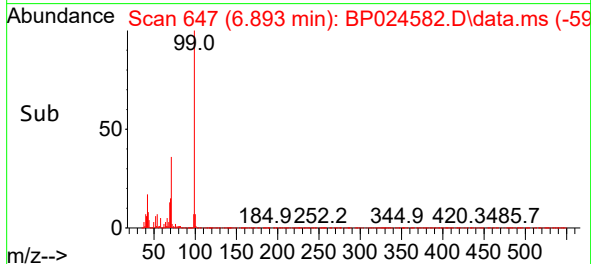
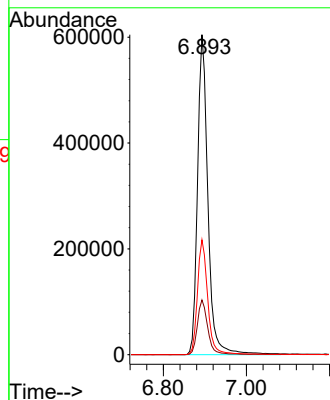
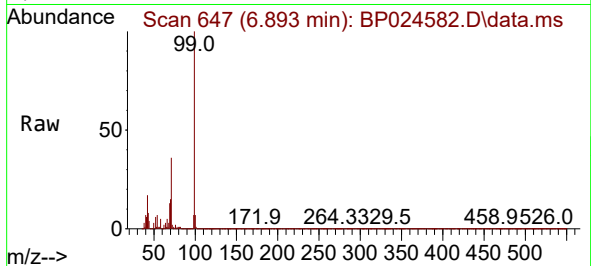




#7
Phenol-d6
Concen: 104.942 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

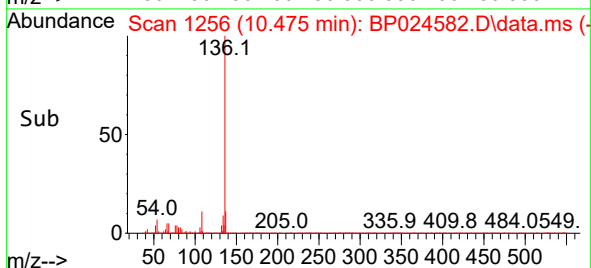
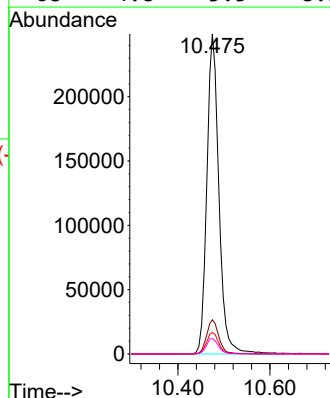
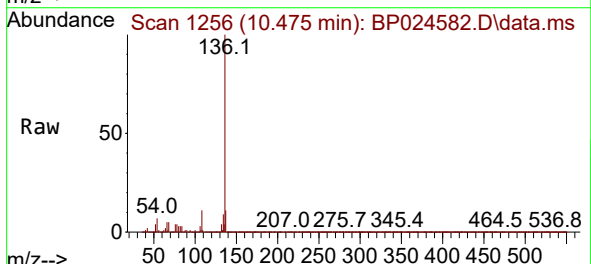
Instrument :
BNA_P
ClientSampleId :
SUB-WC-2

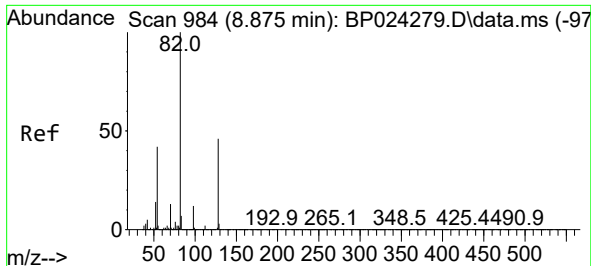
Tgt Ion: 99 Resp: 1045463
Ion Ratio Lower Upper
99 100
42 17.1 10.6 16.0#
71 35.9 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

Tgt Ion:136 Resp: 454225
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.7 6.0 9.0
68 4.8 5.5 8.3#

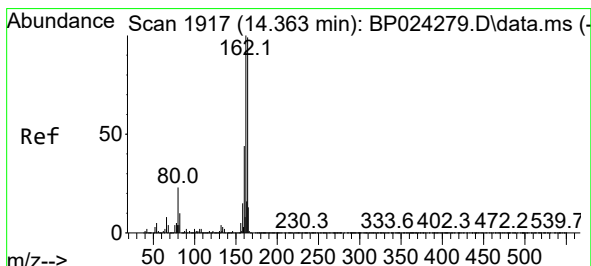
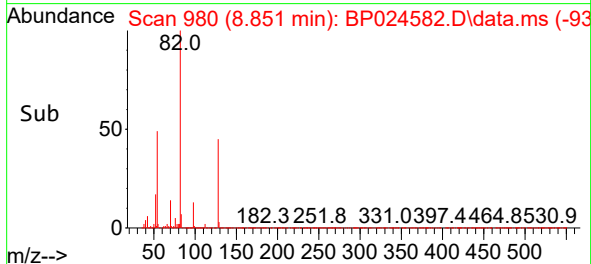
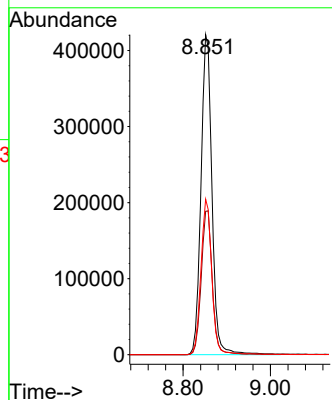
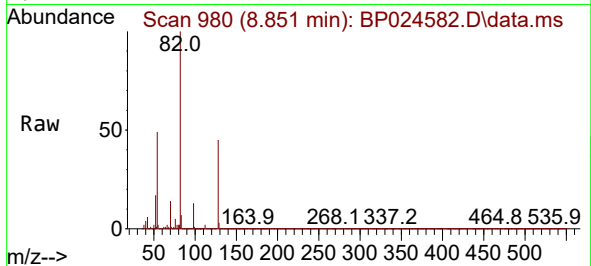




#23
Nitrobenzene-d5
Concen: 92.543 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

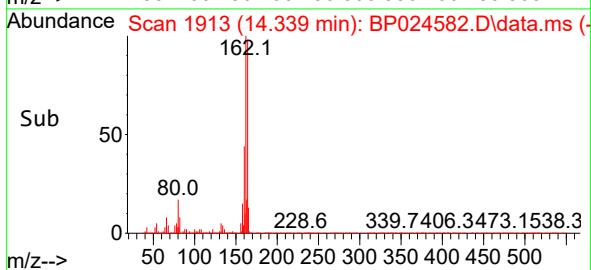
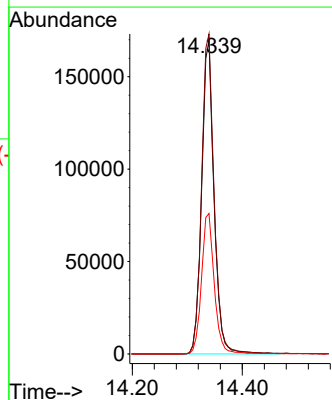
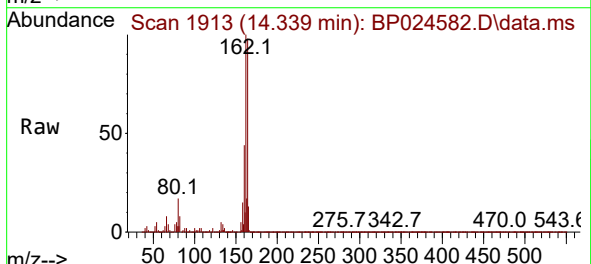
Instrument :
BNA_P
ClientSampleId :
SUB-WC-2

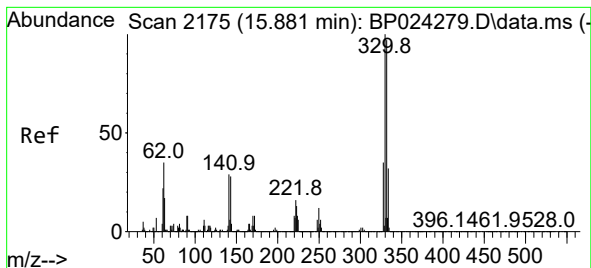
Tgt Ion: 82 Resp: 737187
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 48.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

Tgt Ion:164 Resp: 264995
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.8 35.3 52.9

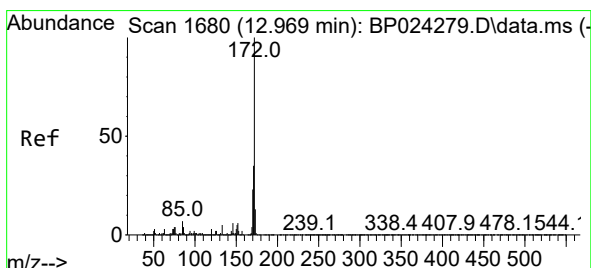
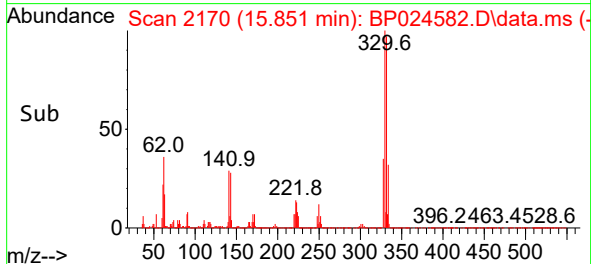
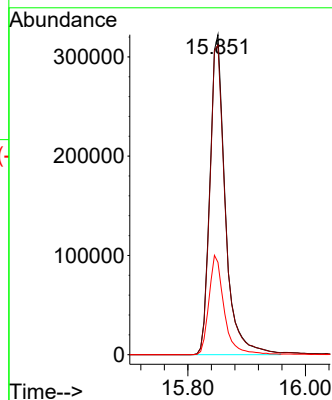
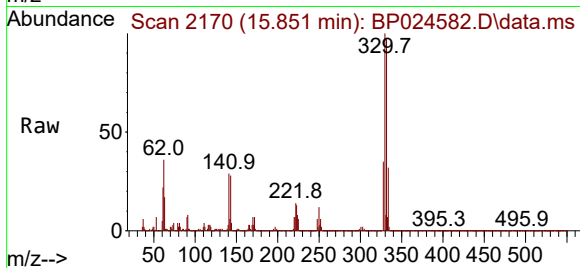




#42
2,4,6-Tribromophenol
Concen: 160.319 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

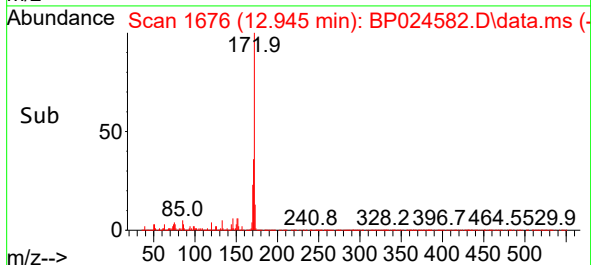
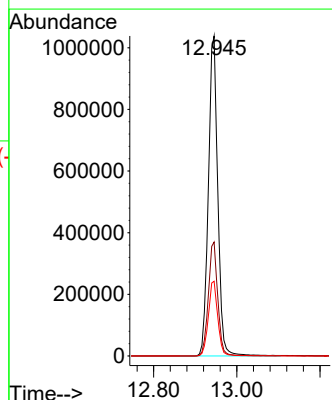
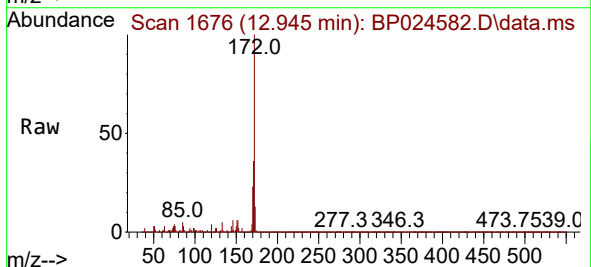
Instrument :
BNA_P
ClientSampleId :
SUB-WC-2

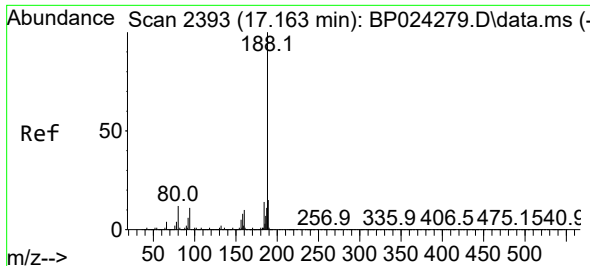
Tgt Ion:330 Resp: 587786
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 30.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 94.395 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

Tgt Ion:172 Resp: 1633738
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.4 18.6 27.8

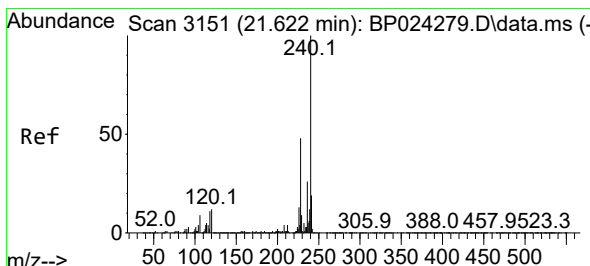
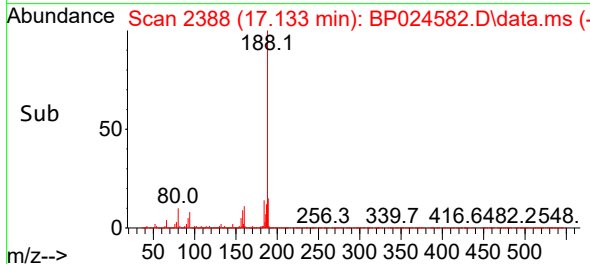
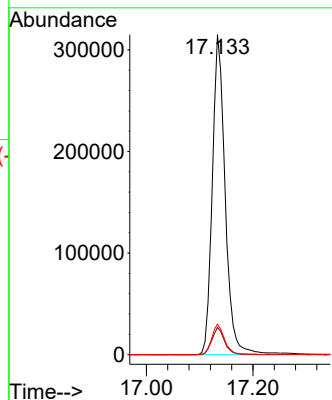
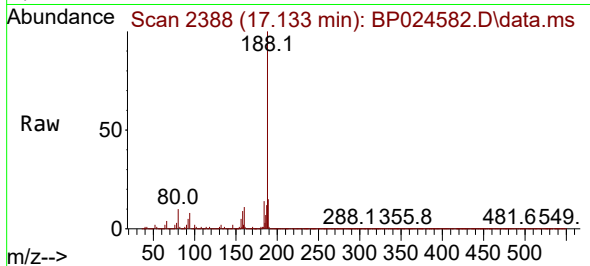




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

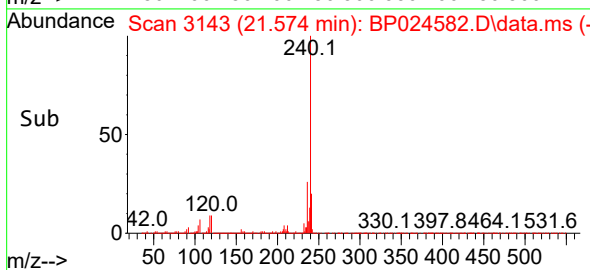
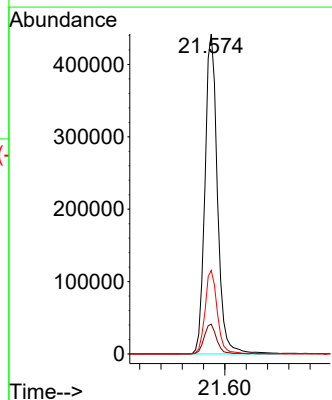
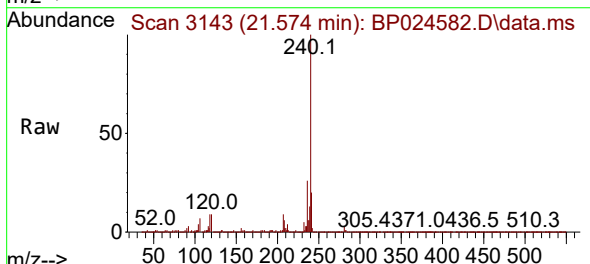
Instrument :
BNA_P
ClientSampleId :
SUB-WC-2

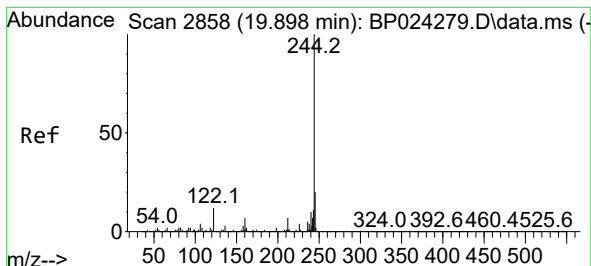
Tgt Ion:188 Resp: 528354
Ion Ratio Lower Upper
188 100
94 8.5 8.6 13.0#
80 9.6 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024582.D
Acq: 09 May 2025 00:24

Tgt Ion:240 Resp: 718922
Ion Ratio Lower Upper
240 100
120 9.3 9.8 14.8#
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 92.985 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024582.D

Acq: 09 May 2025 00:24

Instrument :

BNA_P

ClientSampleId :

SUB-WC-2

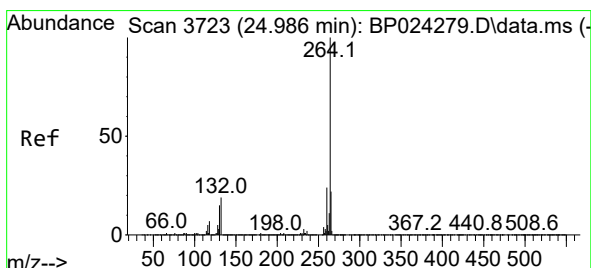
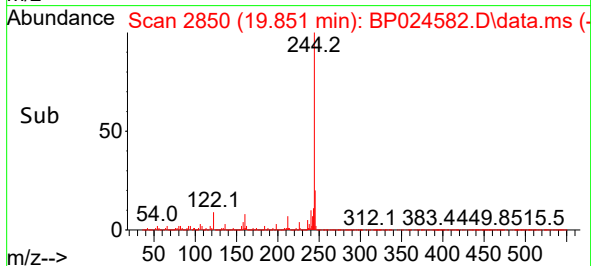
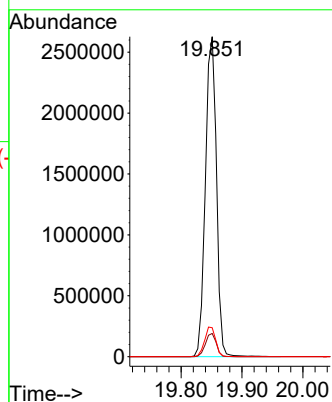
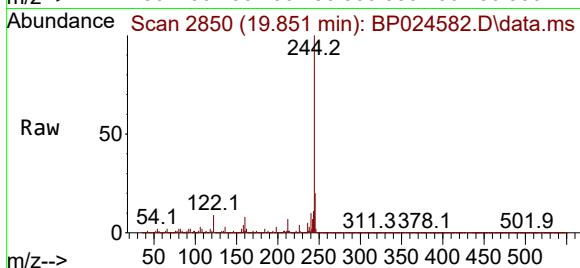
Tgt Ion:244 Resp: 3316520

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.1 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.892 min Scan# 3707

Delta R.T. -0.041 min

Lab File: BP024582.D

Acq: 09 May 2025 00:24

Tgt Ion:264 Resp: 861329

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.7 17.8 26.6

