

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024580.D
 Acq On : 08 May 2025 23:02
 Operator : RC/JU
 Sample : Q1972-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-2

Quant Time: May 09 01:40:54 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	7.704	152	134428	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	513601	20.000	ng	#-0.02
39) Acenaphthene-d10	14.333	164	296819	20.000	ng	-0.02
64) Phenanthrene-d10	17.133	188	616739	20.000	ng	#-0.01
76) Chrysene-d12	21.557	240	772968	20.000	ng	-0.04
86) Perylene-d12	24.886	264	918020	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1081025	132.965	ng	-0.02
7) Phenol-d6	6.893	99	1263017	113.454	ng	-0.02
23) Nitrobenzene-d5	8.851	82	828163	91.945	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	716075	174.370	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1856621	95.772	ng	-0.02
79) Terphenyl-d14	19.845	244	3642963	94.996	ng	-0.03

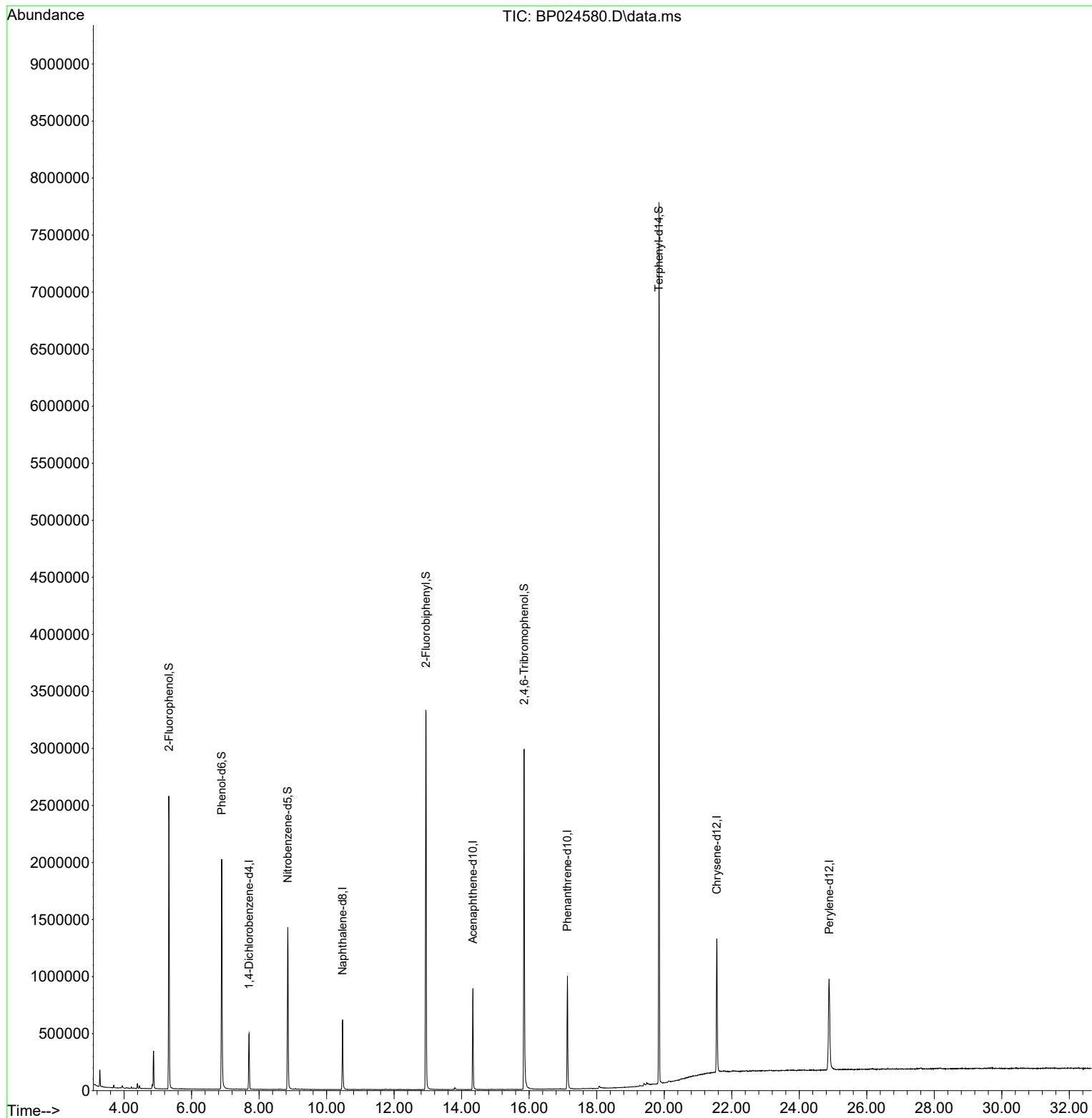
Target Compounds	Qvalue

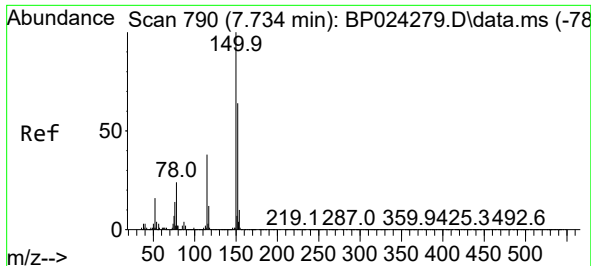
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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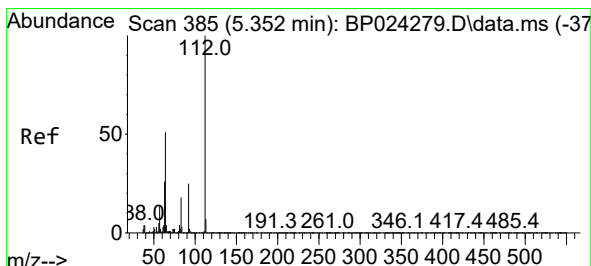
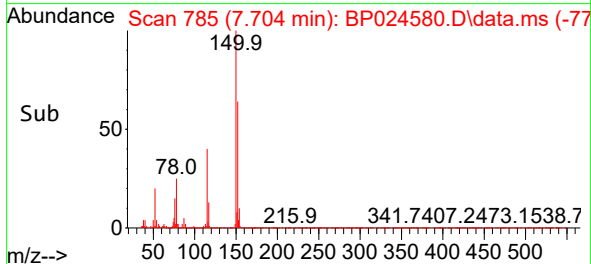
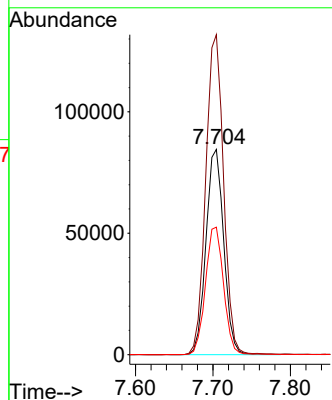
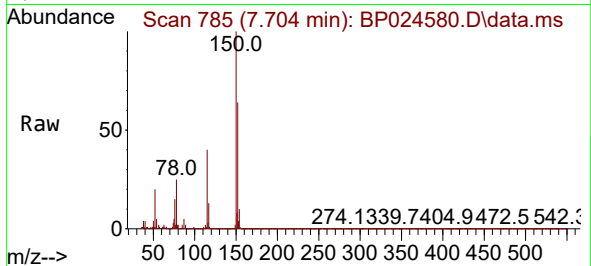




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

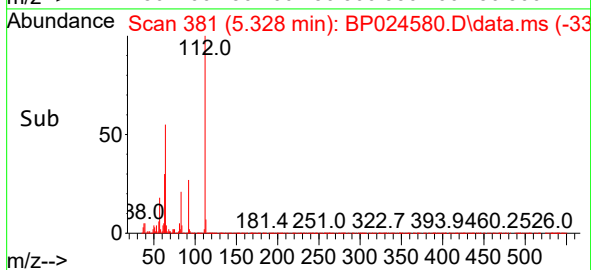
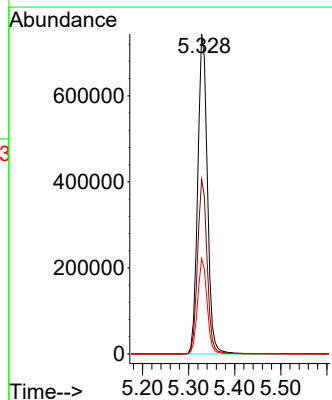
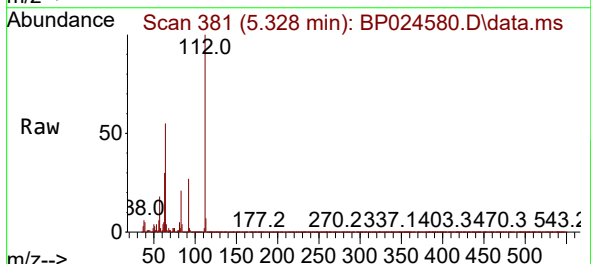
Instrument :
BNA_P
ClientSampleId :
WC-B-2

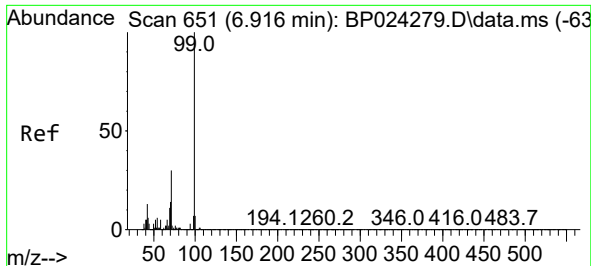
Tgt Ion:152 Resp: 134428
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 62.1 47.7 71.5



#5
2-Fluorophenol
Concen: 132.965 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

Tgt Ion:112 Resp: 1081025
Ion Ratio Lower Upper
112 100
64 54.5 41.1 61.7
63 29.8 20.6 30.8

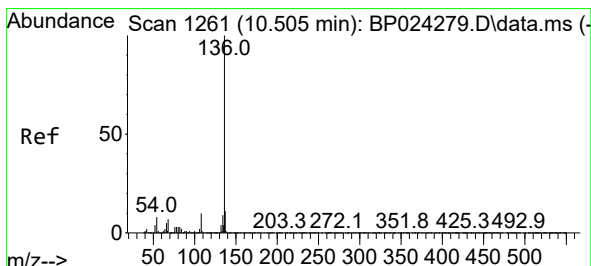
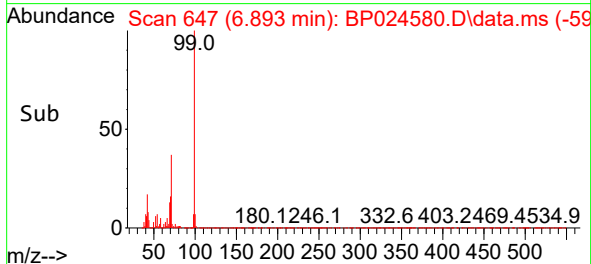
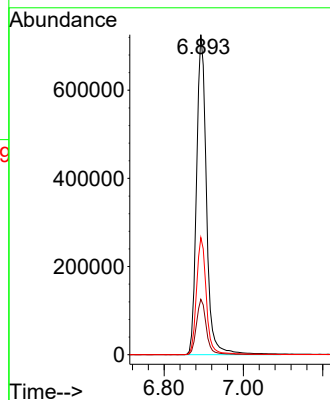
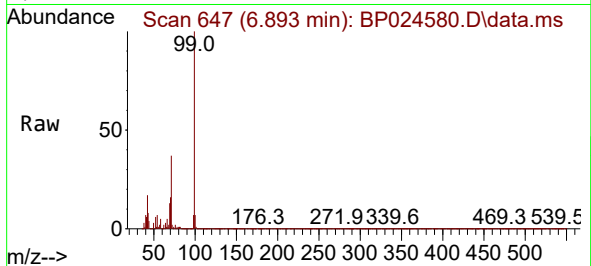




#7
Phenol-d6
Concen: 113.454 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

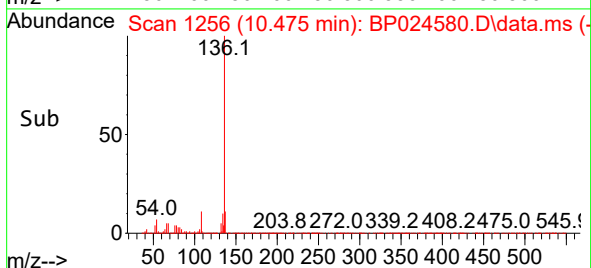
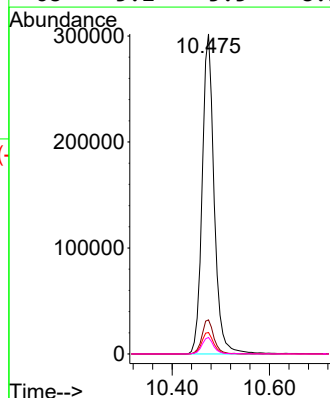
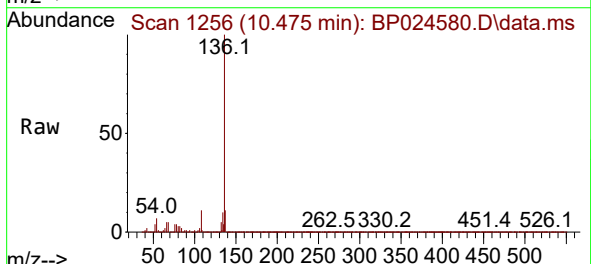
Instrument :
BNA_P
ClientSampleId :
WC-B-2

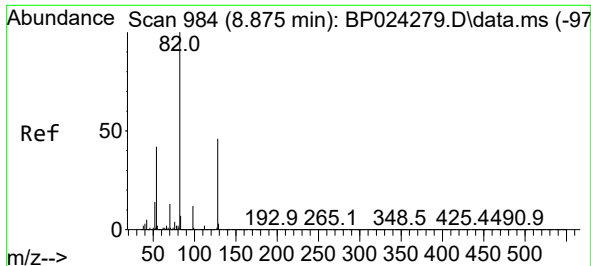
Tgt Ion: 99 Resp: 1263017
Ion Ratio Lower Upper
99 100
42 17.3 10.6 16.0#
71 36.6 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

Tgt Ion:136 Resp: 513601
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 6.7 6.0 9.0
68 5.2 5.5 8.3#

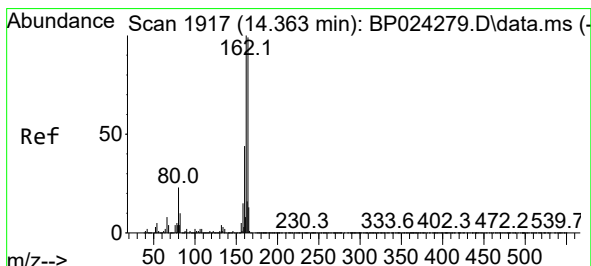
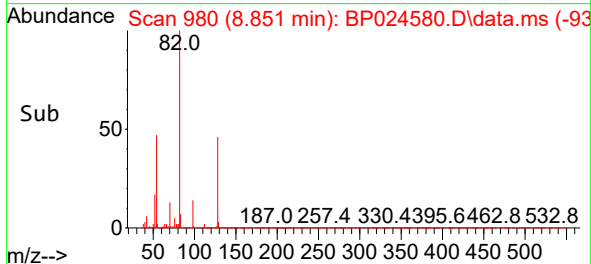
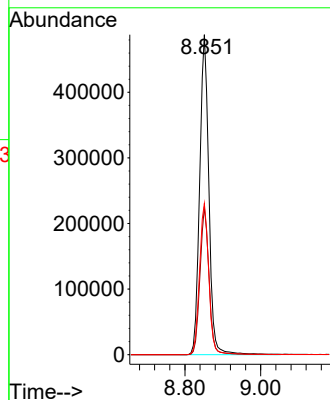
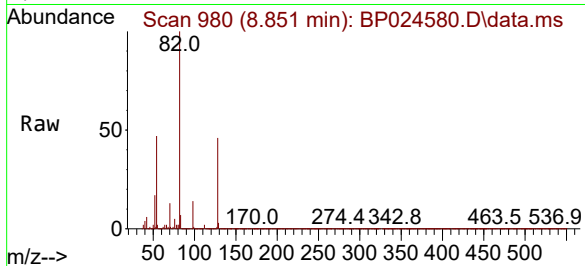




#23
Nitrobenzene-d5
Concen: 91.945 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

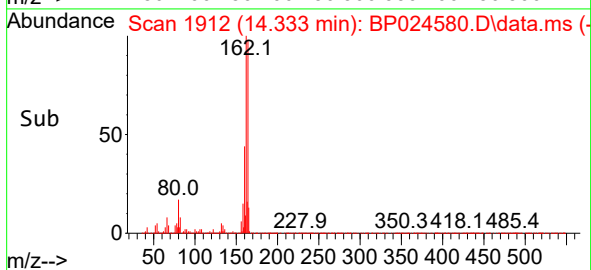
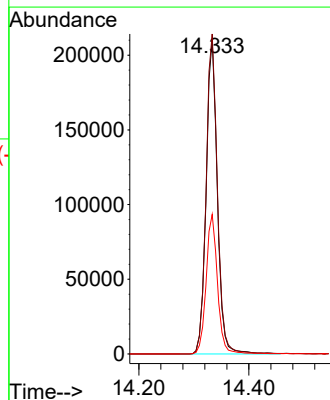
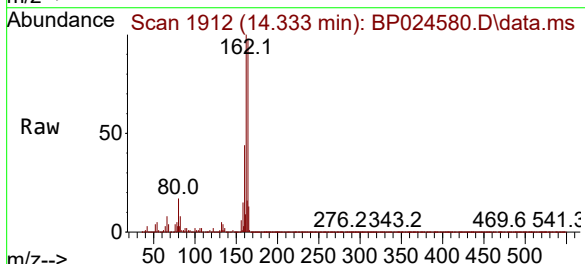
Instrument :
BNA_P
ClientSampleId :
WC-B-2

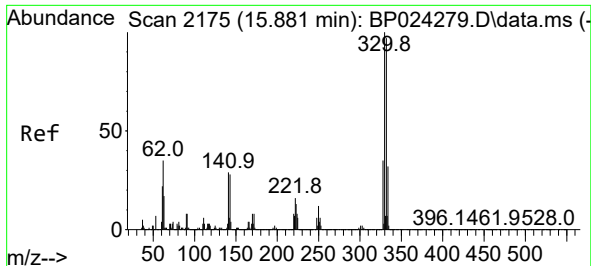
Tgt Ion: 82 Resp: 828163
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 47.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

Tgt Ion:164 Resp: 296819
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.3 35.3 52.9

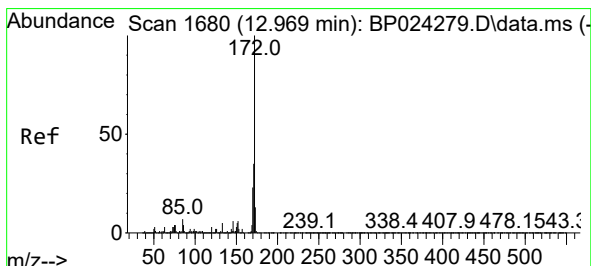
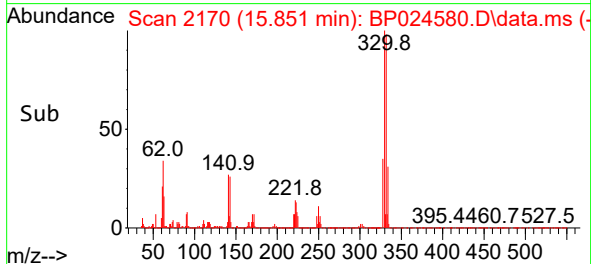
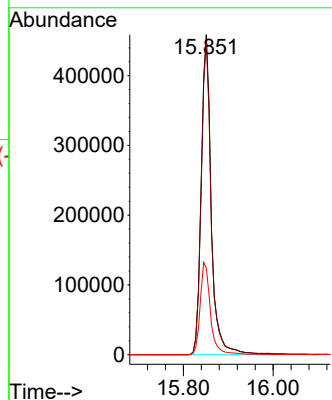
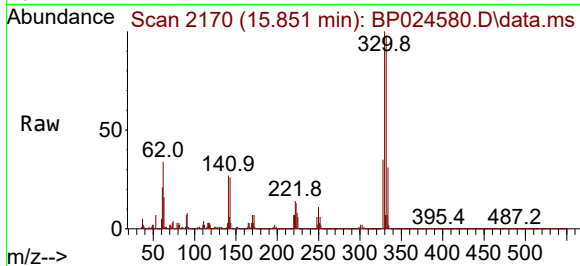




#42
2,4,6-Tribromophenol
Concen: 174.370 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

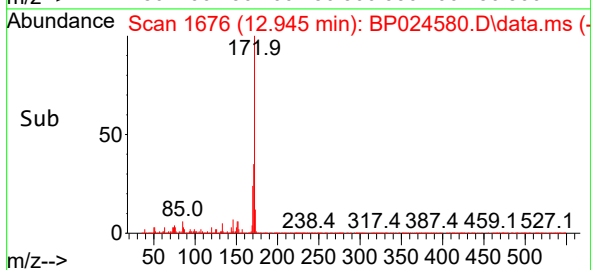
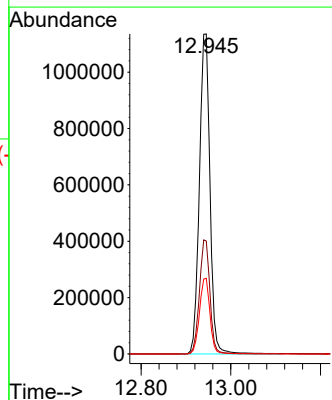
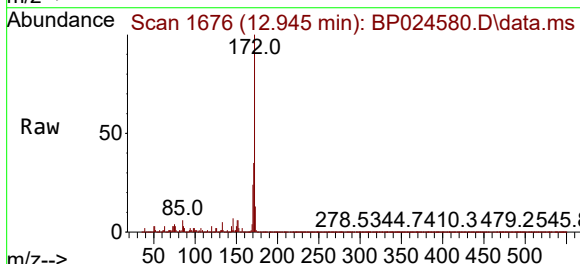
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BNA_P
ClientSampleId :
WC-B-2

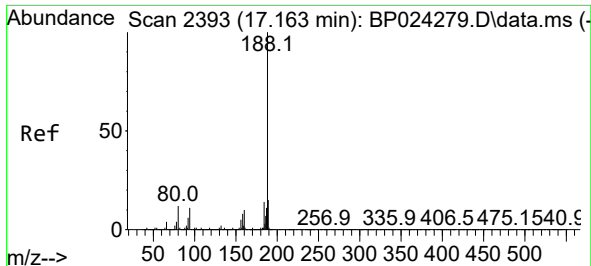
Tgt Ion:330 Resp: 716075
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 29.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 95.772 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

Tgt Ion:172 Resp: 1856621
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.6 27.8

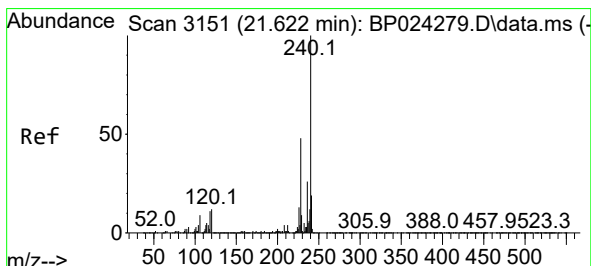
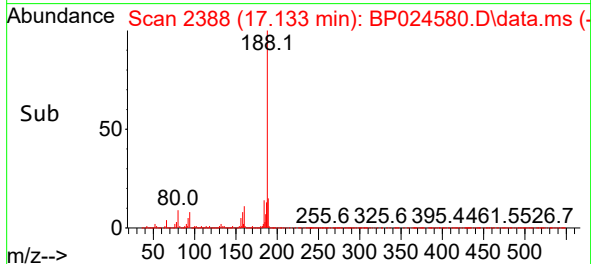
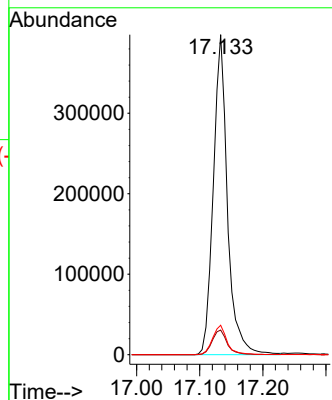
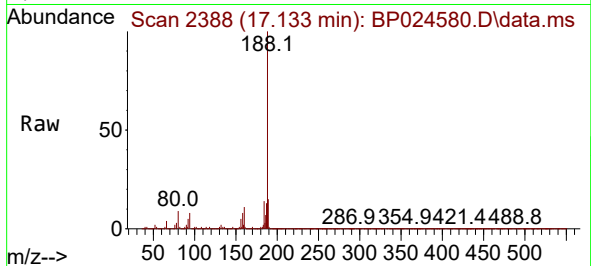




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

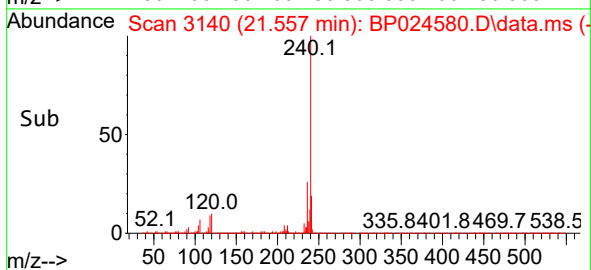
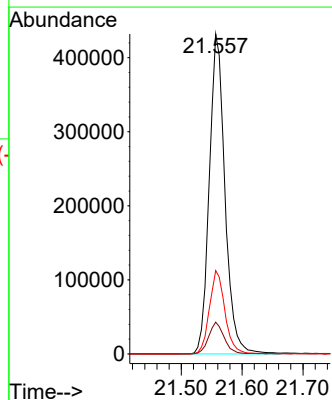
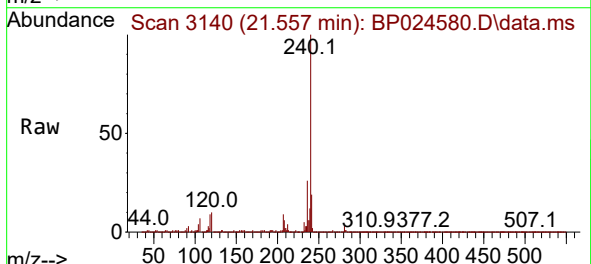
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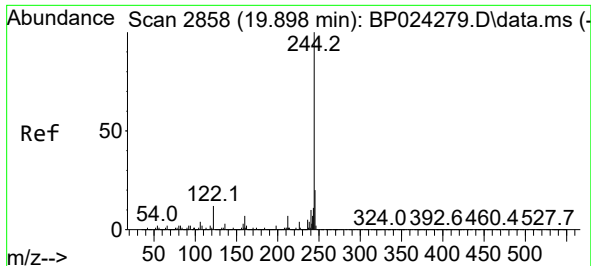
Tgt Ion:188 Resp: 616739
Ion Ratio Lower Upper
188 100
94 7.7 8.6 13.0#
80 9.2 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3140
Delta R.T. -0.035 min
Lab File: BP024580.D
Acq: 08 May 2025 23:02

Tgt Ion:240 Resp: 772968
Ion Ratio Lower Upper
240 100
120 10.0 9.8 14.8
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 94.996 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP024580.D

Acq: 08 May 2025 23:02

Instrument :

BNA_P

ClientSampleId :

WC-B-2

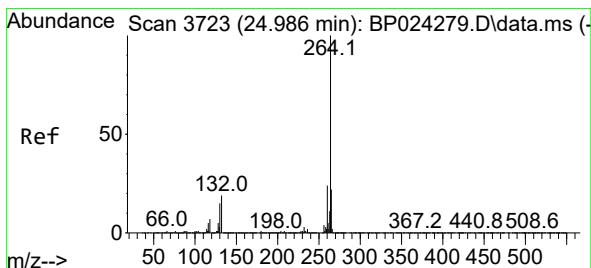
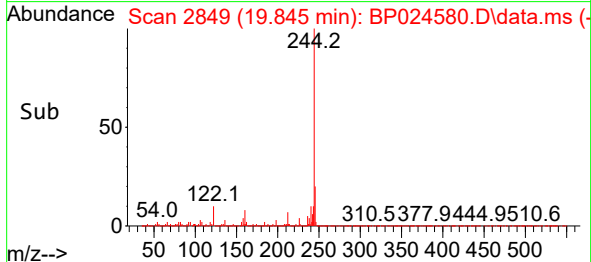
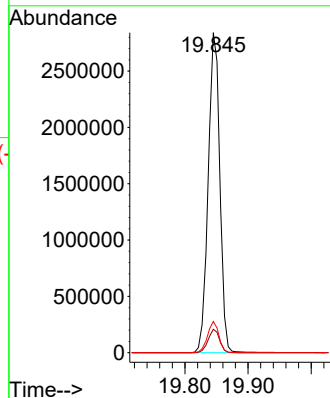
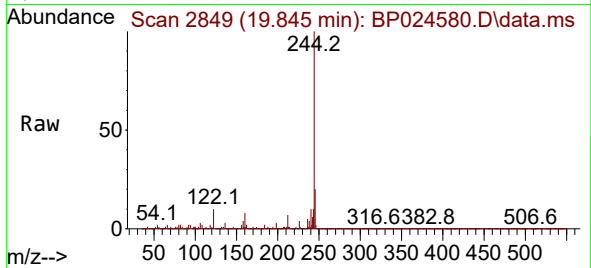
Tgt Ion:244 Resp: 3642963

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 9.7 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: BP024580.D

Acq: 08 May 2025 23:02

Tgt Ion:264 Resp: 918020

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.1 17.8 26.6

