

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024579.D
 Acq On : 08 May 2025 22:22
 Operator : RC/JU
 Sample : Q1972-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-10

Quant Time: May 09 01:40:38 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	106419	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	405715	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	235568	20.000	ng	-0.02
64) Phenanthrene-d10	17.128	188	477225	20.000	ng	#-0.02
76) Chrysene-d12	21.557	240	611488	20.000	ng	-0.04
86) Perylene-d12	24.880	264	772746	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	868876	134.999	ng	-0.02
7) Phenol-d6	6.893	99	1010939	114.711	ng	-0.02
23) Nitrobenzene-d5	8.852	82	653760	91.883	ng	-0.02
42) 2,4,6-Tribromophenol	15.845	330	546544	167.692	ng	-0.02
45) 2-Fluorobiphenyl	12.940	172	1449089	94.186	ng	-0.02
79) Terphenyl-d14	19.839	244	2743987	90.450	ng	-0.04

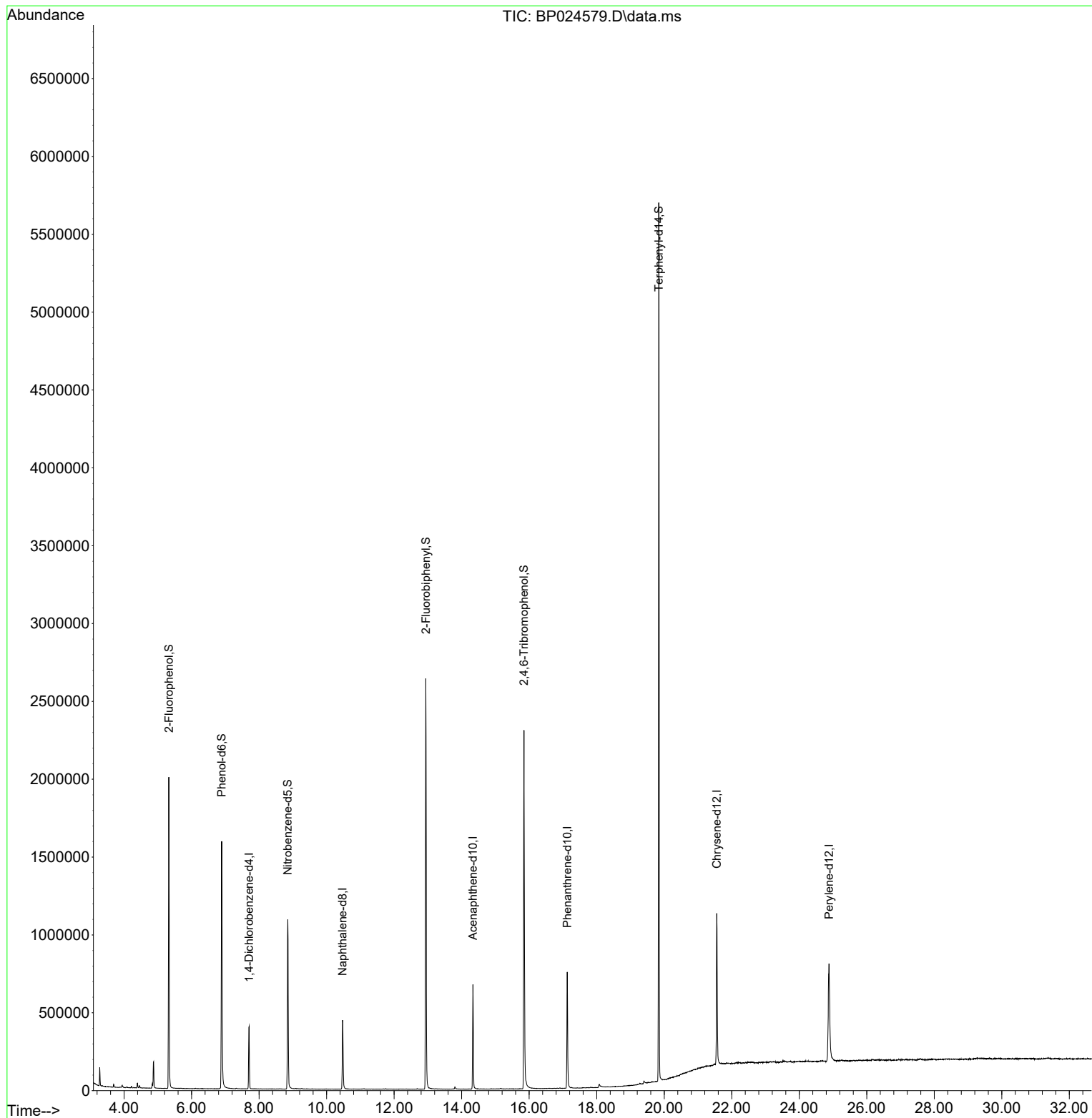
Target Compounds	Qvalue

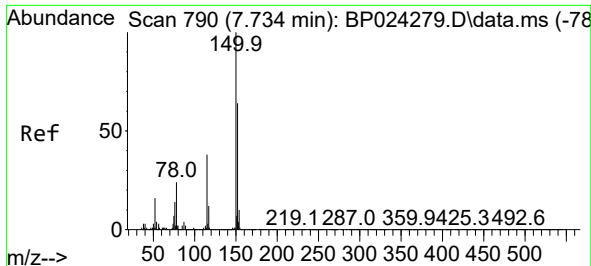
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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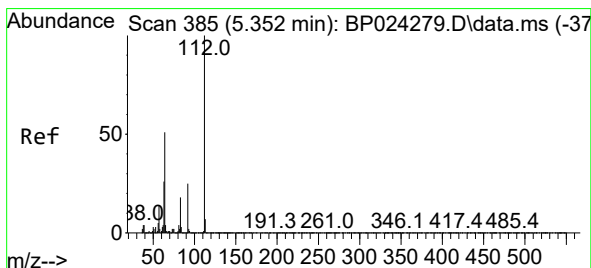
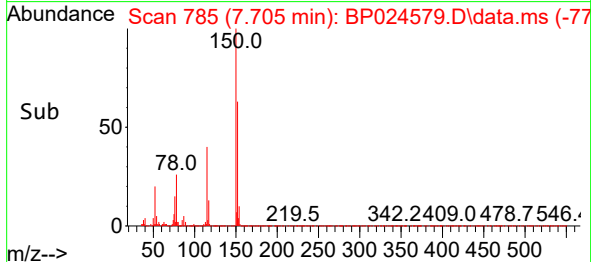
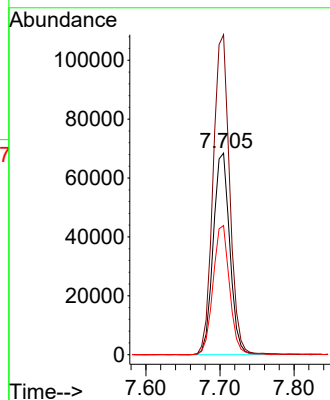
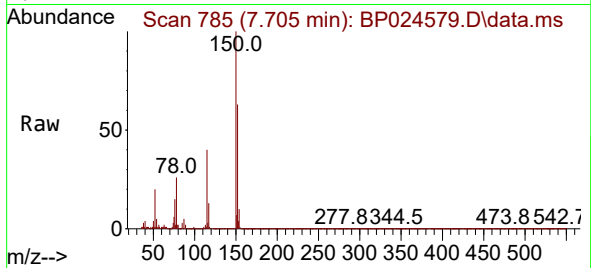




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024579.D
Acq: 08 May 2025 22:22

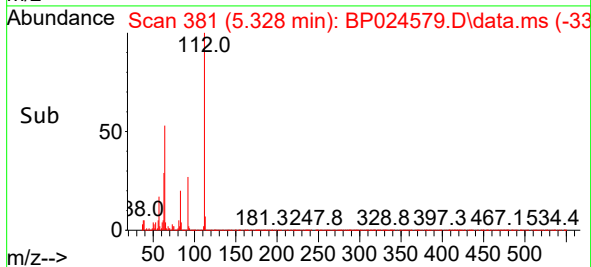
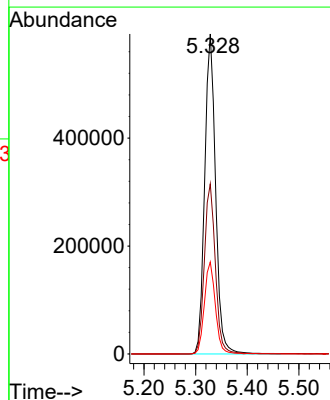
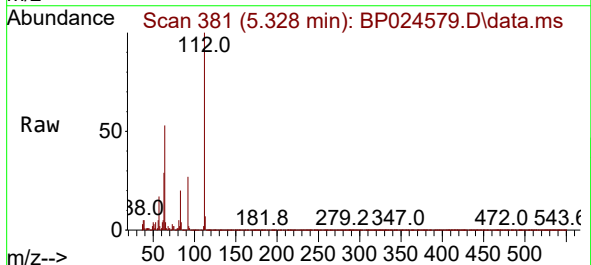
Instrument :
BNA_P
ClientSampleId :
WC-B-10

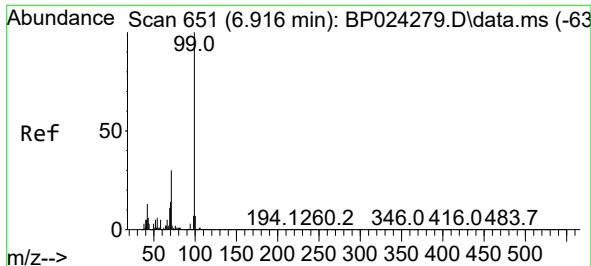
Tgt Ion:152 Resp: 106419
Ion Ratio Lower Upper
152 100
150 158.7 124.9 187.3
115 64.1 47.7 71.5



#5
2-Fluorophenol
Concen: 134.999 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.017 min
Lab File: BP024579.D
Acq: 08 May 2025 22:22

Tgt Ion:112 Resp: 868876
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 28.8 20.6 30.8

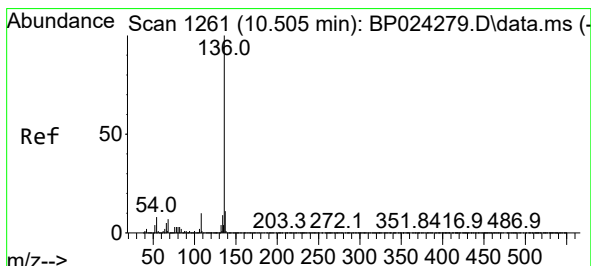
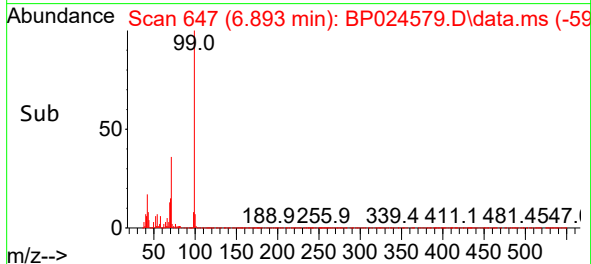
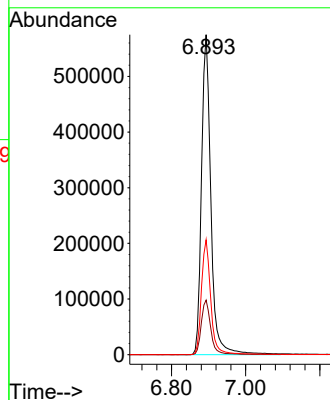
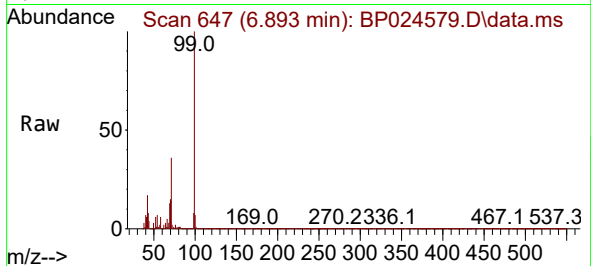




#7
Phenol-d6
Concen: 114.711 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.017 min
Lab File: BP024579.D
Acq: 08 May 2025 22:22

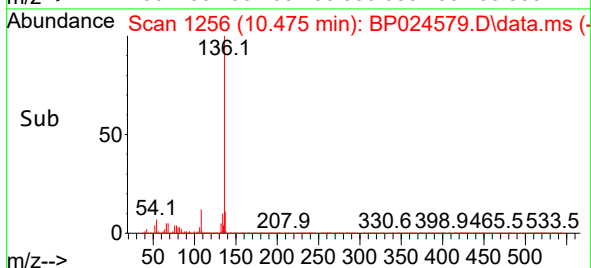
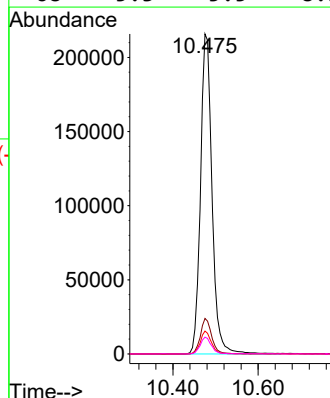
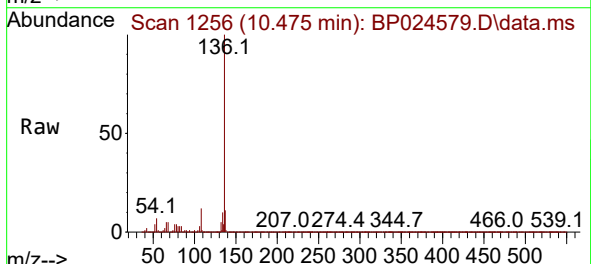
Instrument :
BNA_P
ClientSampleId :
WC-B-10

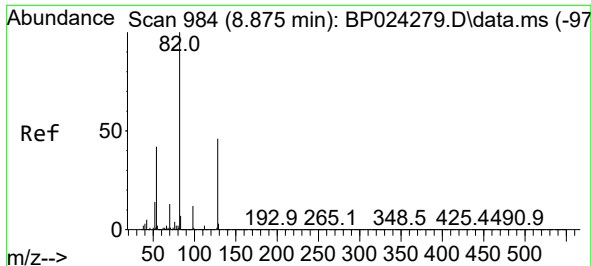
Tgt Ion: 99 Resp: 1010939
Ion Ratio Lower Upper
99 100
42 17.1 10.6 16.0#
71 35.9 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024579.D
Acq: 08 May 2025 22:22

Tgt Ion: 136 Resp: 405715
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.1 6.0 9.0
68 5.3 5.5 8.3#

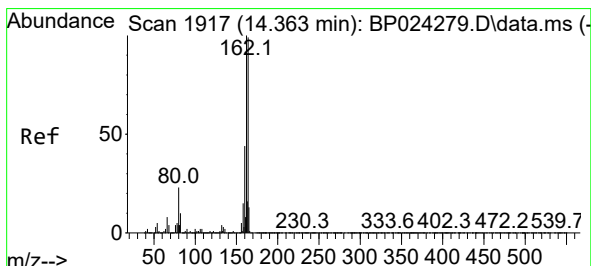
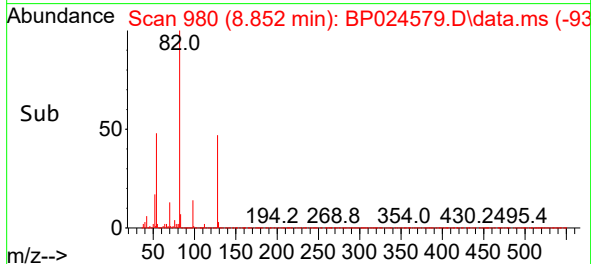
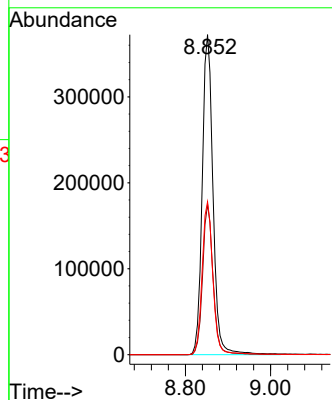
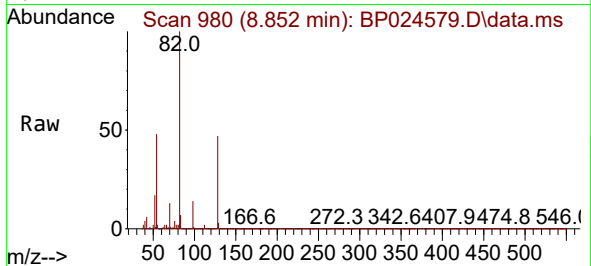




#23
Nitrobenzene-d5
Concen: 91.883 ng
RT: 8.852 min Scan# 912
Delta R.T. -0.017 min
Lab File: BP024579.D
Acq: 08 May 2025 22:22

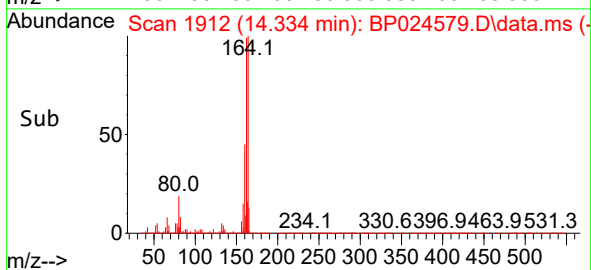
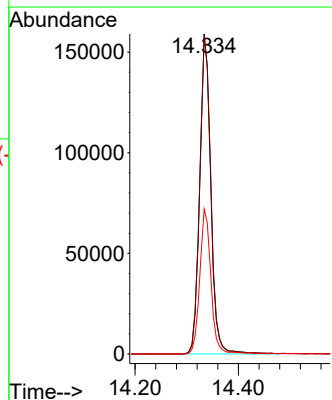
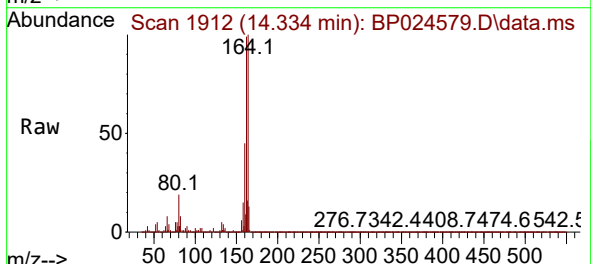
Instrument :
BNA_P
ClientSampleId :
WC-B-10

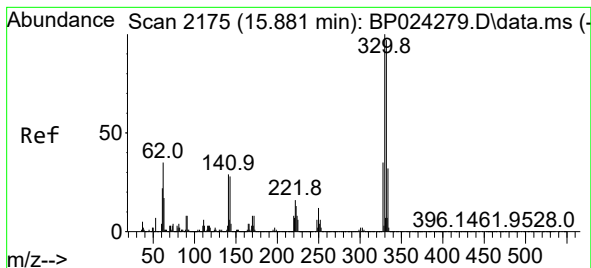
Tgt Ion: 82 Resp: 653760
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 47.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024579.D
Acq: 08 May 2025 22:22

Tgt Ion: 164 Resp: 235568
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 45.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 167.692 ng

RT: 15.845 min Scan# 2175

Delta R.T. -0.017 min

Lab File: BP024579.D

Acq: 08 May 2025 22:22

Instrument :

BNA_P

ClientSampleId :

WC-B-10

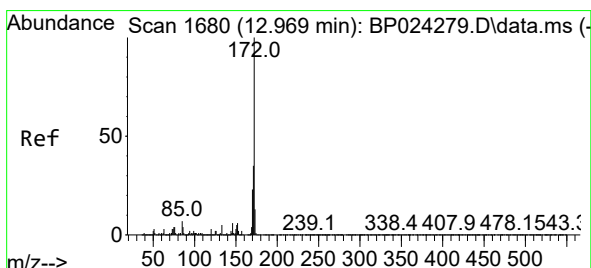
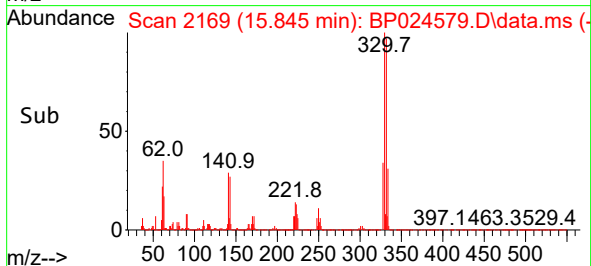
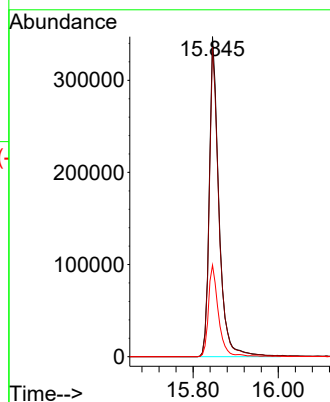
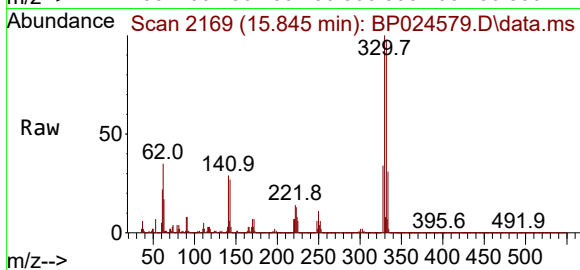
Tgt Ion:330 Resp: 546544

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 30.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 94.186 ng

RT: 12.940 min Scan# 1675

Delta R.T. -0.023 min

Lab File: BP024579.D

Acq: 08 May 2025 22:22

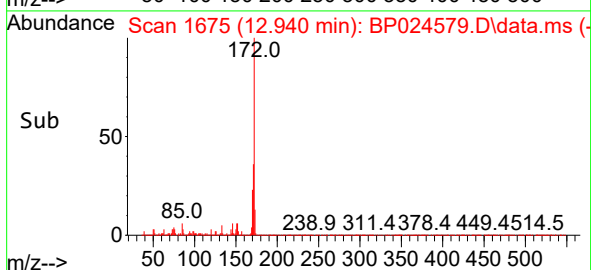
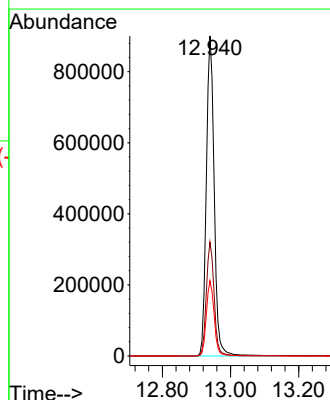
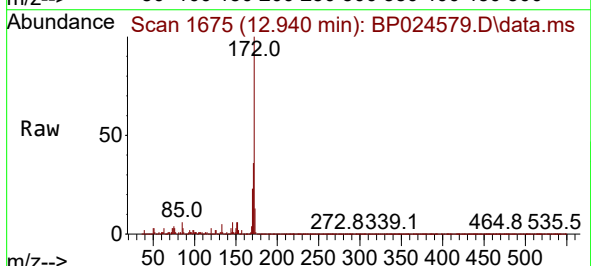
Tgt Ion:172 Resp: 1449089

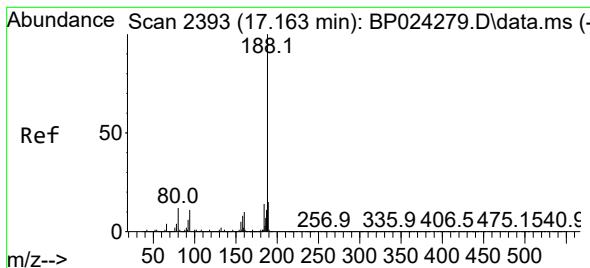
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.5 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.128 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024579.D

Acq: 08 May 2025 22:22

Instrument :

BNA_P

ClientSampleId :

WC-B-10

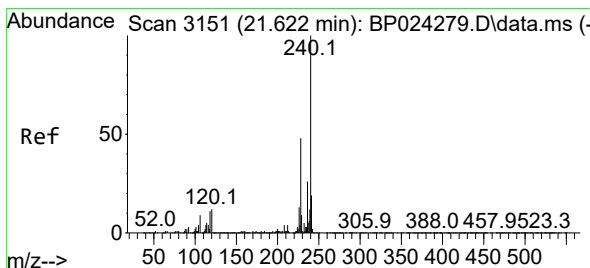
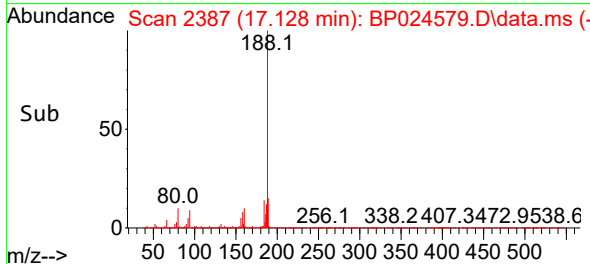
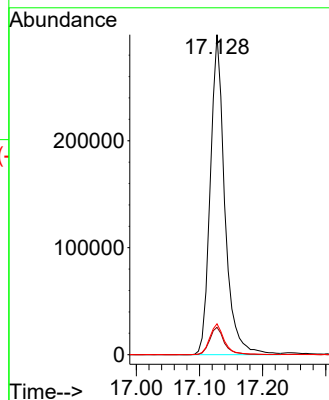
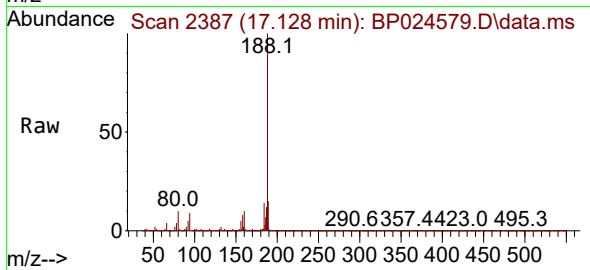
Tgt Ion:188 Resp: 477225

Ion Ratio Lower Upper

188 100

94 8.6 8.6 13.0#

80 9.7 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: BP024579.D

Acq: 08 May 2025 22:22

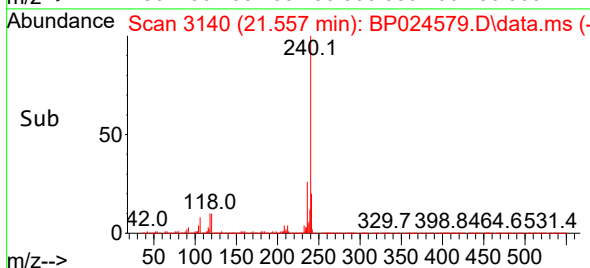
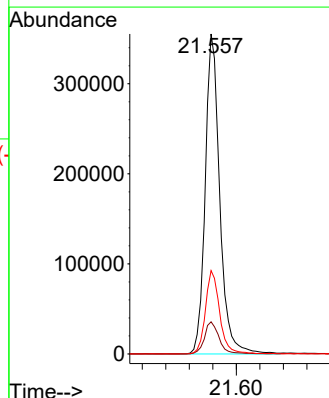
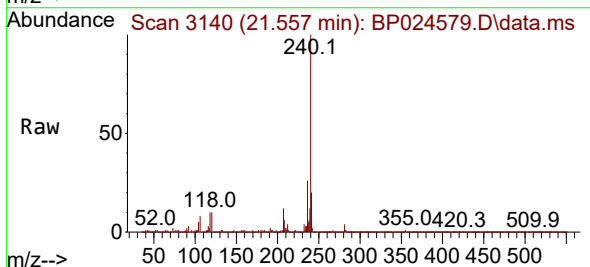
Tgt Ion:240 Resp: 611488

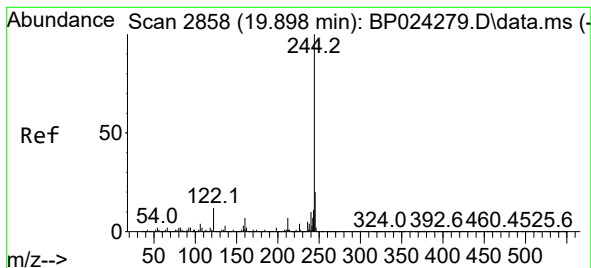
Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 90.450 ng

RT: 19.839 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP024579.D

Acq: 08 May 2025 22:22

Instrument :

BNA_P

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WC-B-10

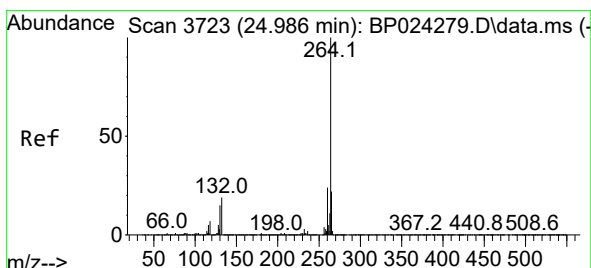
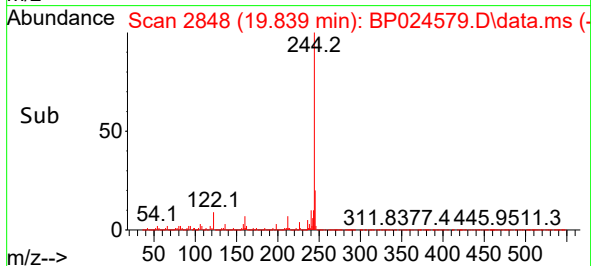
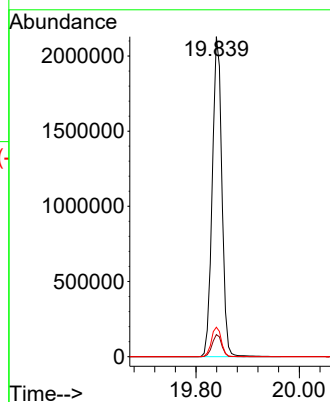
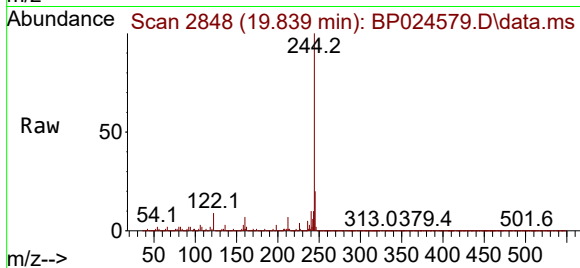
Tgt Ion:244 Resp: 2743987

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.2 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.880 min Scan# 3705

Delta R.T. -0.053 min

Lab File: BP024579.D

Acq: 08 May 2025 22:22

Tgt Ion:264 Resp: 772746

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.9 17.8 26.6

