

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024574.D
 Acq On : 08 May 2025 18:58
 Operator : RC/JU
 Sample : Q1972-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-10

Quant Time: May 09 01:39:13 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	7.698	152	135830	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	520323	20.000	ng	#-0.03
39) Acenaphthene-d10	14.327	164	310502	20.000	ng	-0.02
64) Phenanthrene-d10	17.133	188	623359	20.000	ng	#-0.01
76) Chrysene-d12	21.568	240	761895	20.000	ng	-0.02
86) Perylene-d12	24.874	264	900600	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	873713	106.357	ng	-0.02
7) Phenol-d6	6.893	99	1088521	96.770	ng	-0.02
23) Nitrobenzene-d5	8.845	82	659633	72.288	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	565680	131.677	ng	-0.01
45) 2-Fluorobiphenyl	12.939	172	1408383	69.449	ng	-0.02
79) Terphenyl-d14	19.851	244	2547565	67.397	ng	-0.02

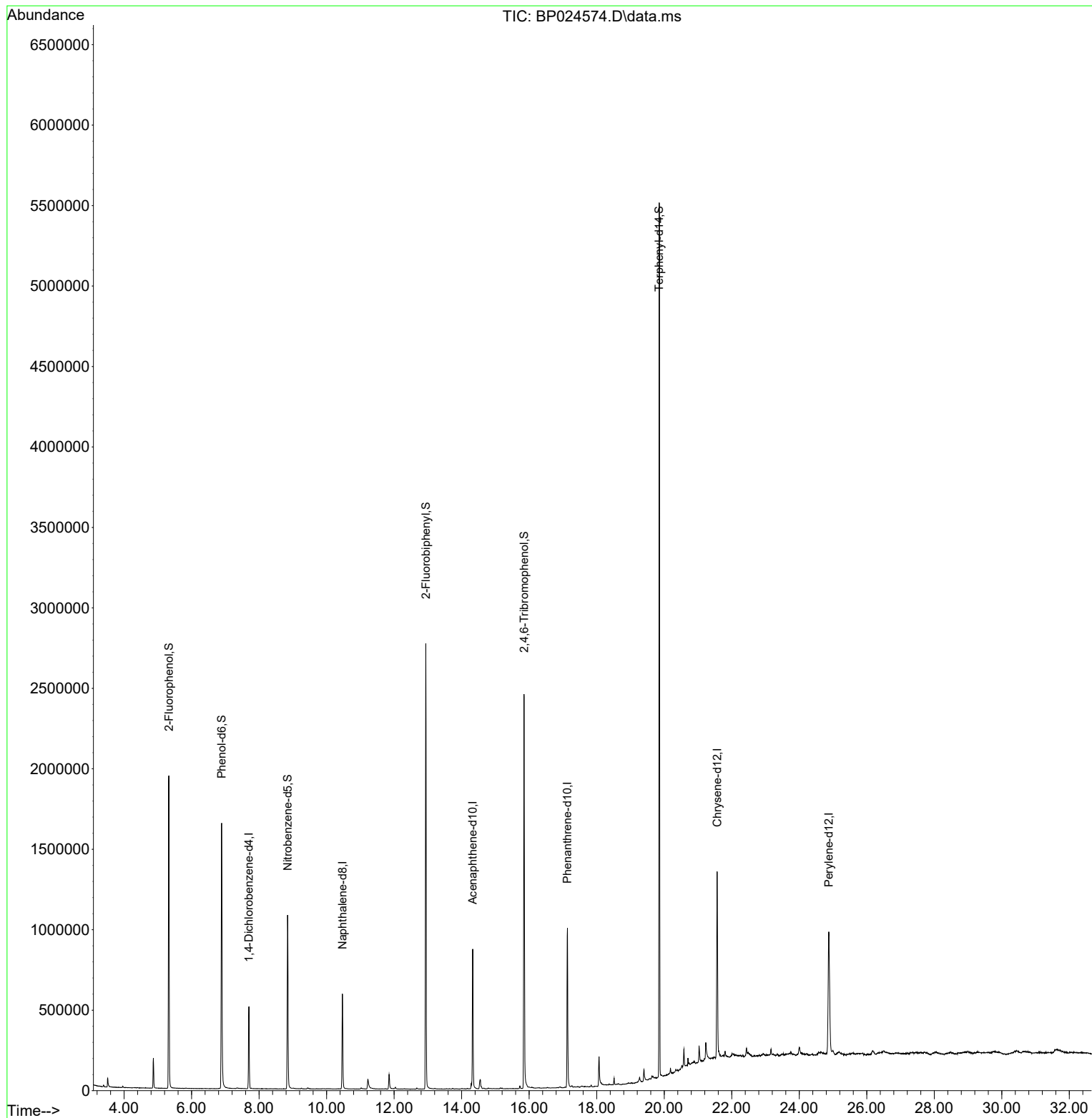
Target Compounds	Qvalue

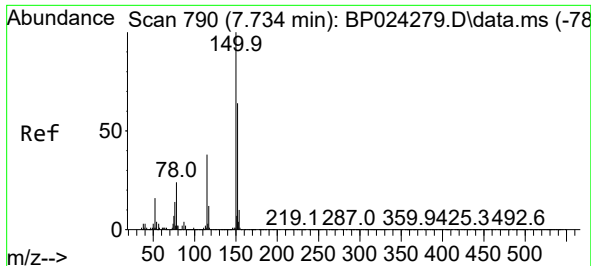
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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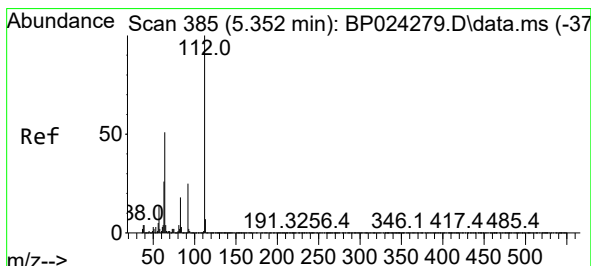
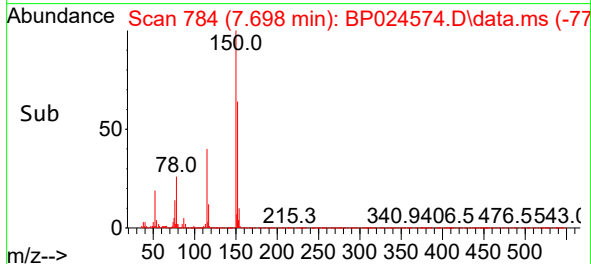
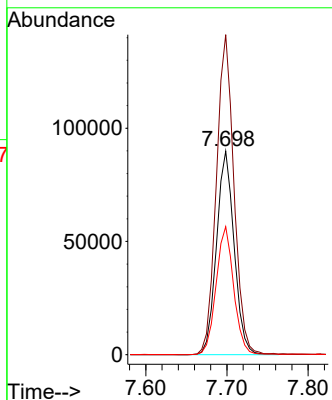
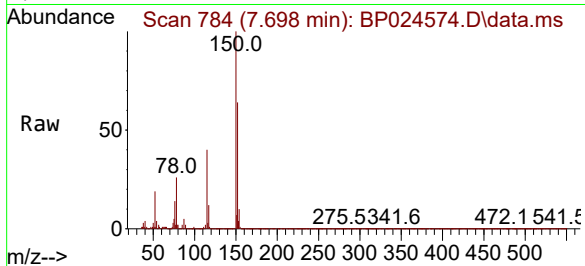




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.698 min Scan# 71
Delta R.T. -0.024 min
Lab File: BP024574.D
Acq: 08 May 2025 18:58

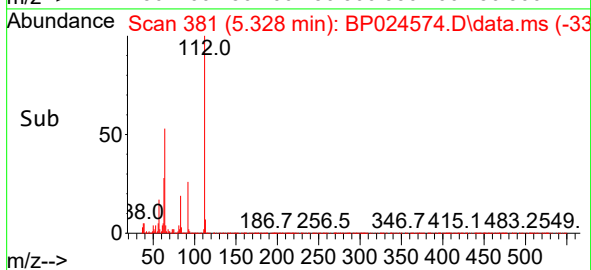
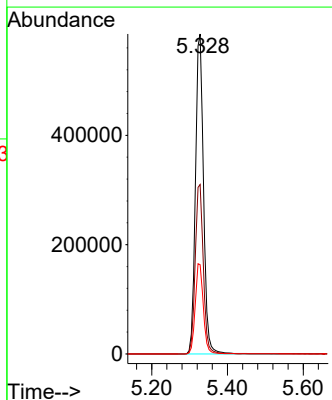
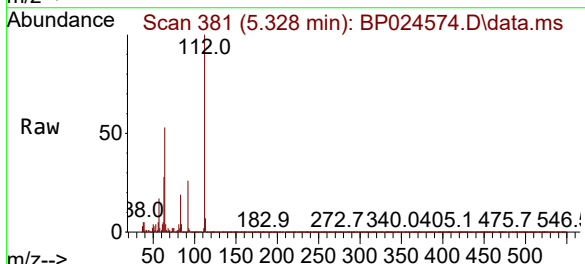
Instrument :
BNA_P
ClientSampleId :
WC-B-10

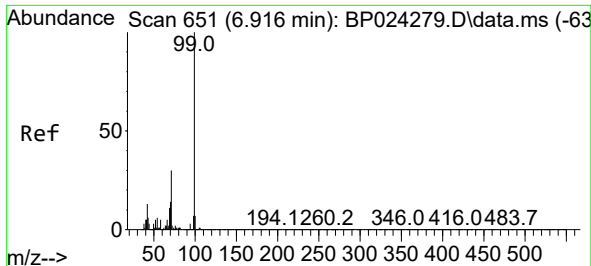
Tgt Ion:152 Resp: 135830
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 62.9 47.7 71.5



#5
2-Fluorophenol
Concen: 106.357 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024574.D
Acq: 08 May 2025 18:58

Tgt Ion:112 Resp: 873713
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 27.9 20.6 30.8

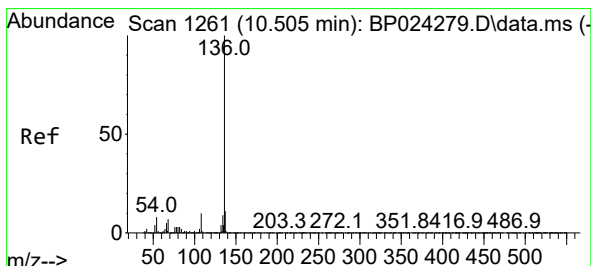
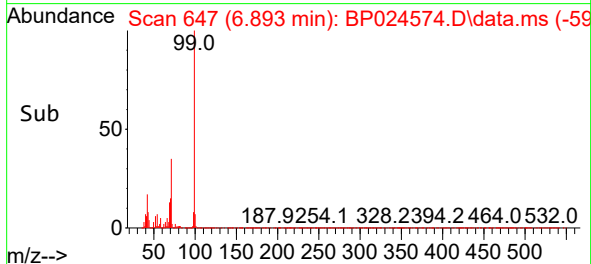
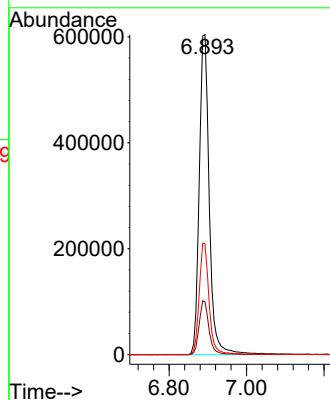
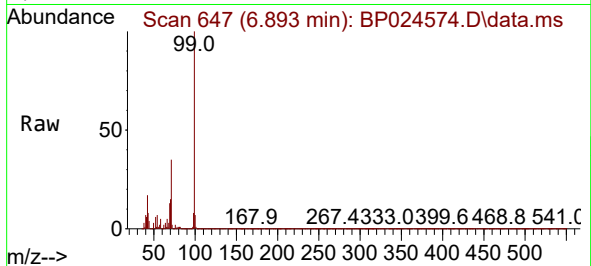




#7
Phenol-d6
Concen: 96.770 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024574.D
Acq: 08 May 2025 18:58

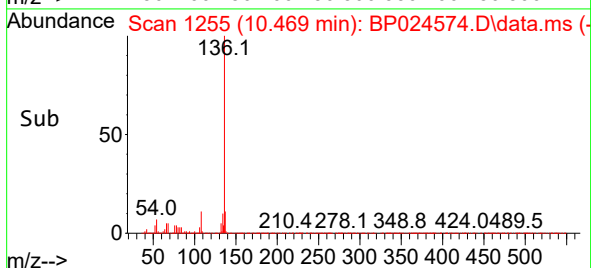
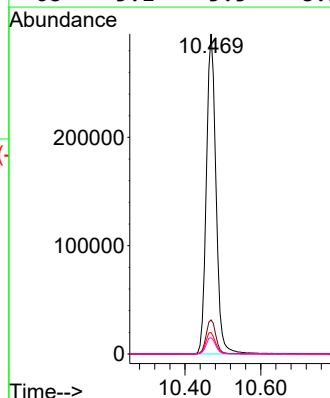
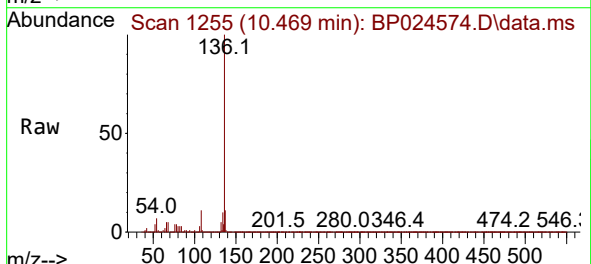
Instrument :
BNA_P
ClientSampleId :
WC-B-10

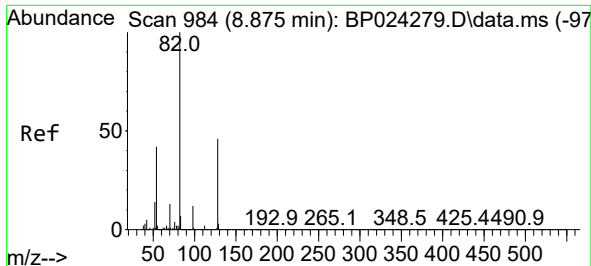
Tgt Ion: 99 Resp: 1088521
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 34.6 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.030 min
Lab File: BP024574.D
Acq: 08 May 2025 18:58

Tgt Ion:136 Resp: 520323
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.7 6.0 9.0
68 5.1 5.5 8.3#

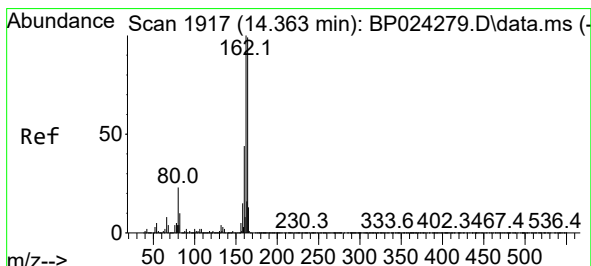
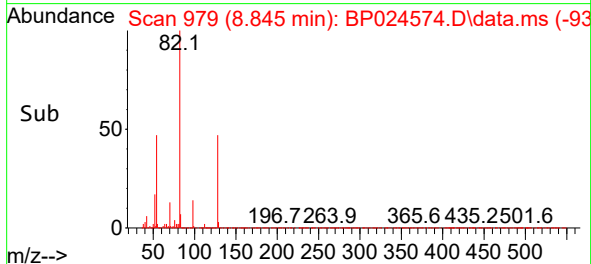
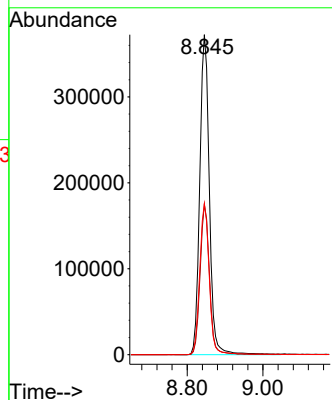
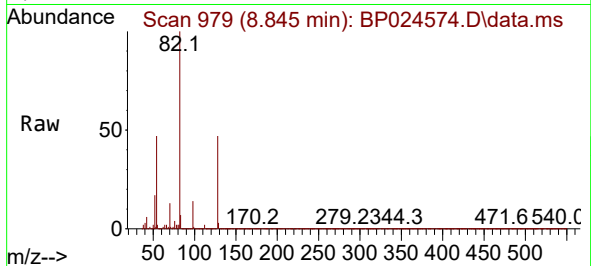




#23
Nitrobenzene-d5
Concen: 72.288 ng
RT: 8.845 min Scan# 911
Delta R.T. -0.024 min
Lab File: BP024574.D
Acq: 08 May 2025 18:58

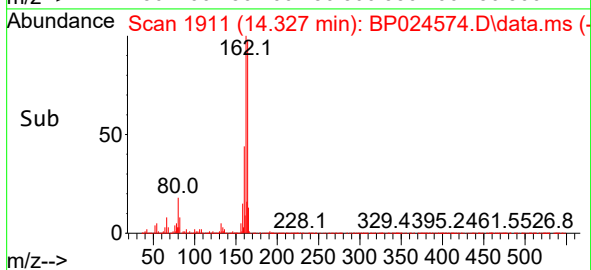
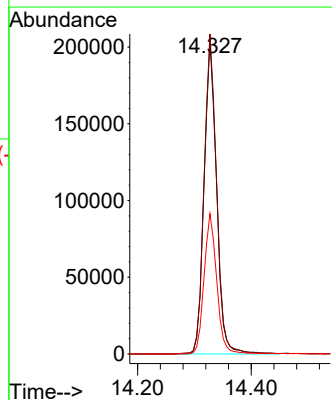
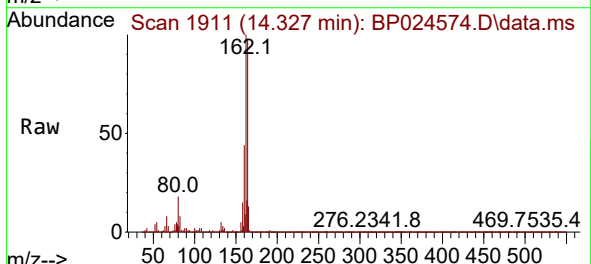
Instrument :
BNA_P
ClientSampleId :
WC-B-10

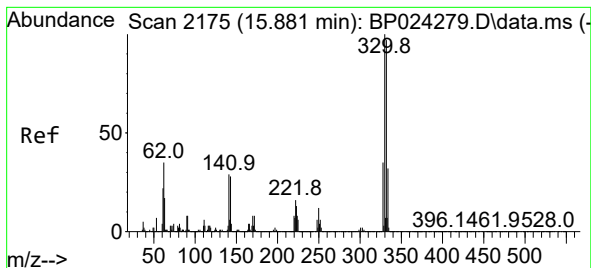
Tgt Ion: 82 Resp: 659633
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 47.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.024 min
Lab File: BP024574.D
Acq: 08 May 2025 18:58

Tgt Ion: 164 Resp: 310502
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 44.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 131.677 ng

RT: 15.851 min Scan# 2170

Delta R.T. -0.012 min

Lab File: BP024574.D

Acq: 08 May 2025 18:58

Instrument :

BNA_P

ClientSampleId :

WC-B-10

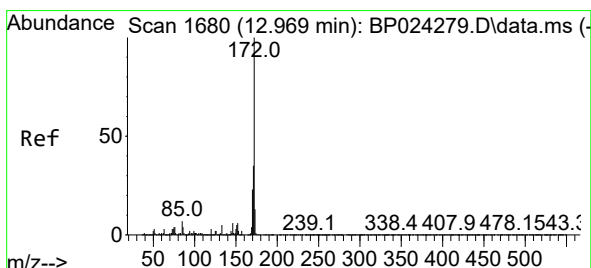
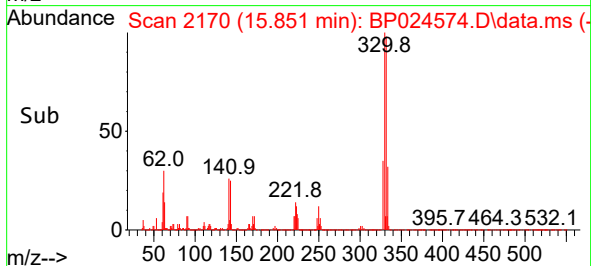
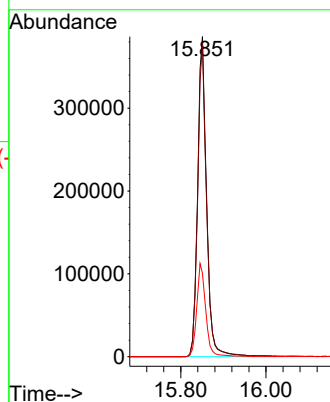
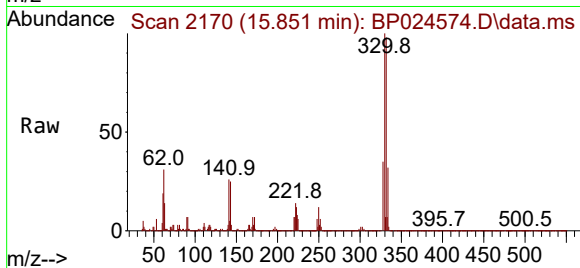
Tgt Ion:330 Resp: 565680

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 29.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 69.449 ng

RT: 12.939 min Scan# 1675

Delta R.T. -0.024 min

Lab File: BP024574.D

Acq: 08 May 2025 18:58

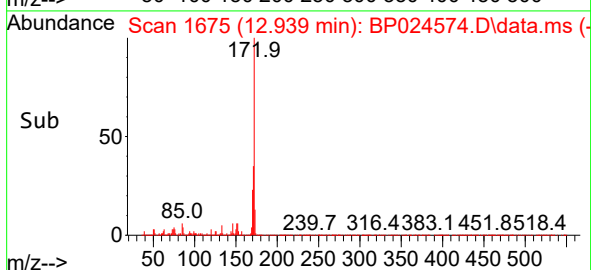
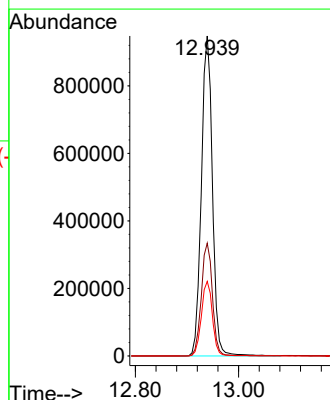
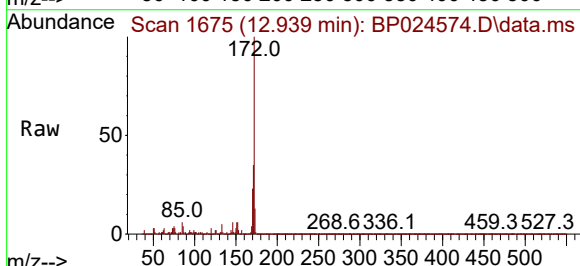
Tgt Ion:172 Resp: 1408383

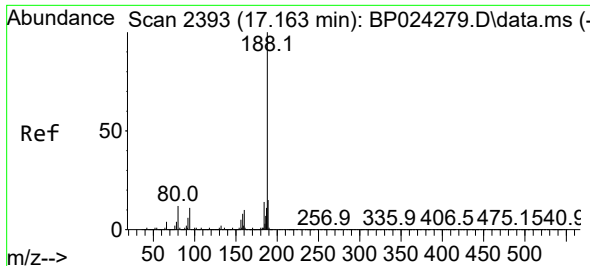
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 18.6 27.8

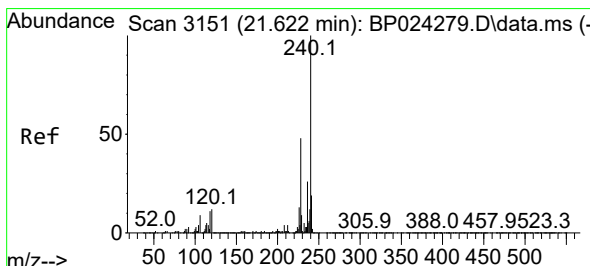
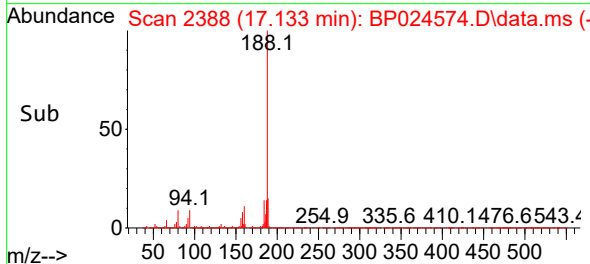
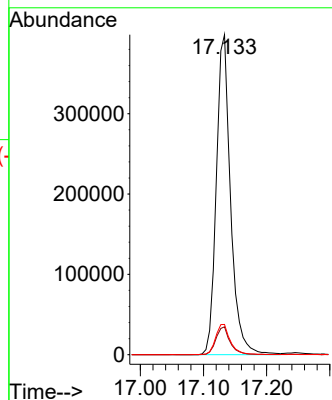
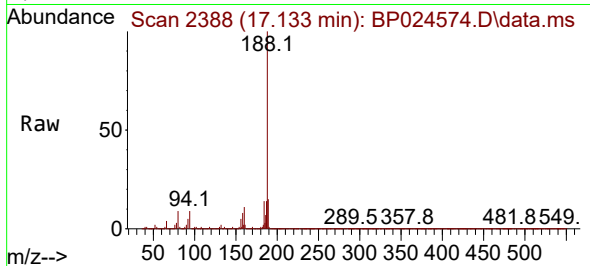




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024574.D
Acq: 08 May 2025 18:58

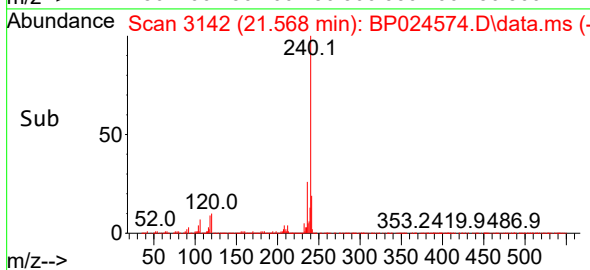
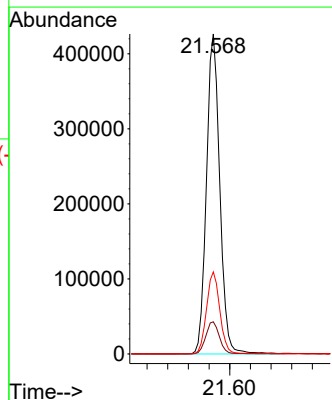
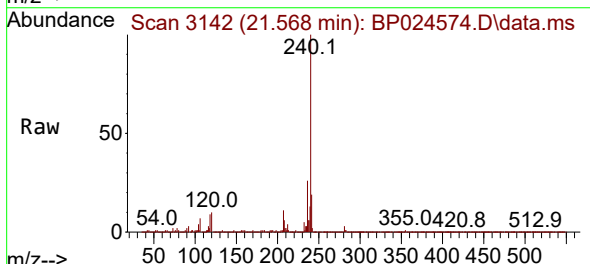
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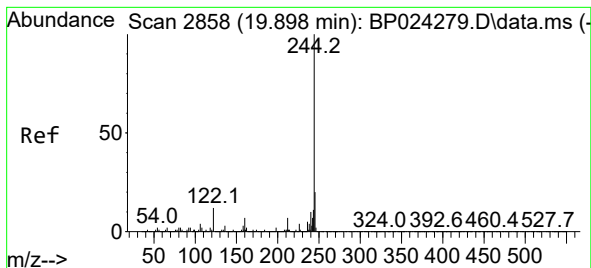
Tgt Ion:188 Resp: 623359
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 9.4 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3142
Delta R.T. -0.024 min
Lab File: BP024574.D
Acq: 08 May 2025 18:58

Tgt Ion:240 Resp: 761895
Ion Ratio Lower Upper
240 100
120 10.1 9.8 14.8
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 67.397 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024574.D

Acq: 08 May 2025 18:58

Instrument :

BNA_P

ClientSampleId :

WC-B-10

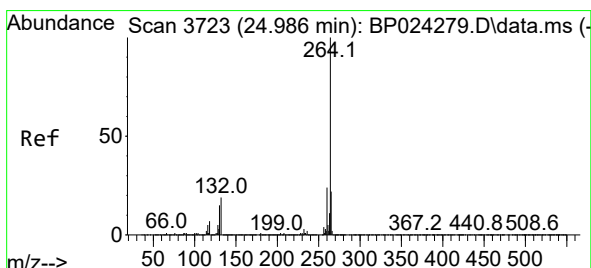
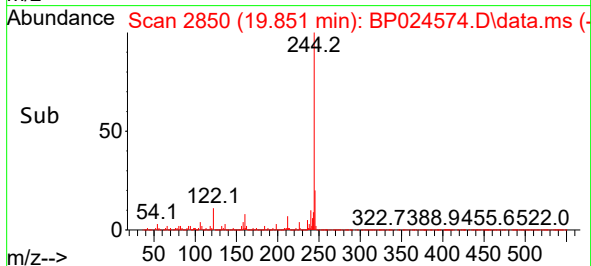
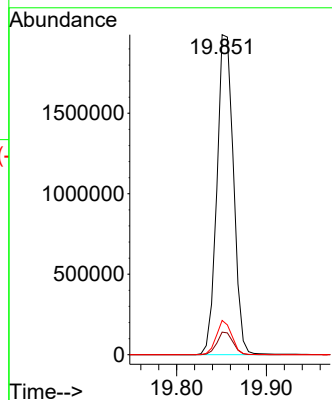
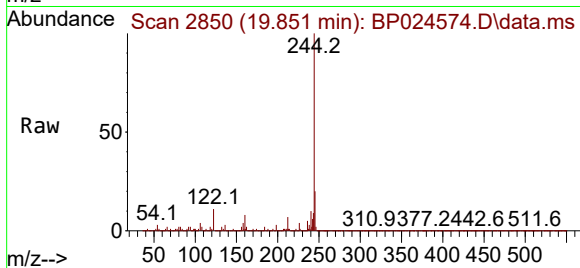
Tgt Ion:244 Resp: 2547565

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.7 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.874 min Scan# 3704

Delta R.T. -0.059 min

Lab File: BP024574.D

Acq: 08 May 2025 18:58

Tgt Ion:264 Resp: 900600

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.6 17.8 26.6

