

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024573.D
 Acq On : 08 May 2025 18:17
 Operator : RC/JU
 Sample : Q1972-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUB-WC

Quant Time: May 08 18:41:11 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	7.699	152	128471	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	498521	20.000	ng	#-0.03
39) Acenaphthene-d10	14.328	164	315997	20.000	ng	-0.02
64) Phenanthrene-d10	17.128	188	679601	20.000	ng	-0.02
76) Chrysene-d12	21.569	240	876036	20.000	ng	#-0.02
86) Perylene-d12	24.886	264	1038936	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	677303	87.171	ng	-0.02
7) Phenol-d6	6.893	99	851003	79.988	ng	-0.02
23) Nitrobenzene-d5	8.846	82	505966	57.873	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	474291	108.484	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1116418	54.094	ng	-0.02
79) Terphenyl-d14	19.851	244	2198008	50.573	ng	-0.02

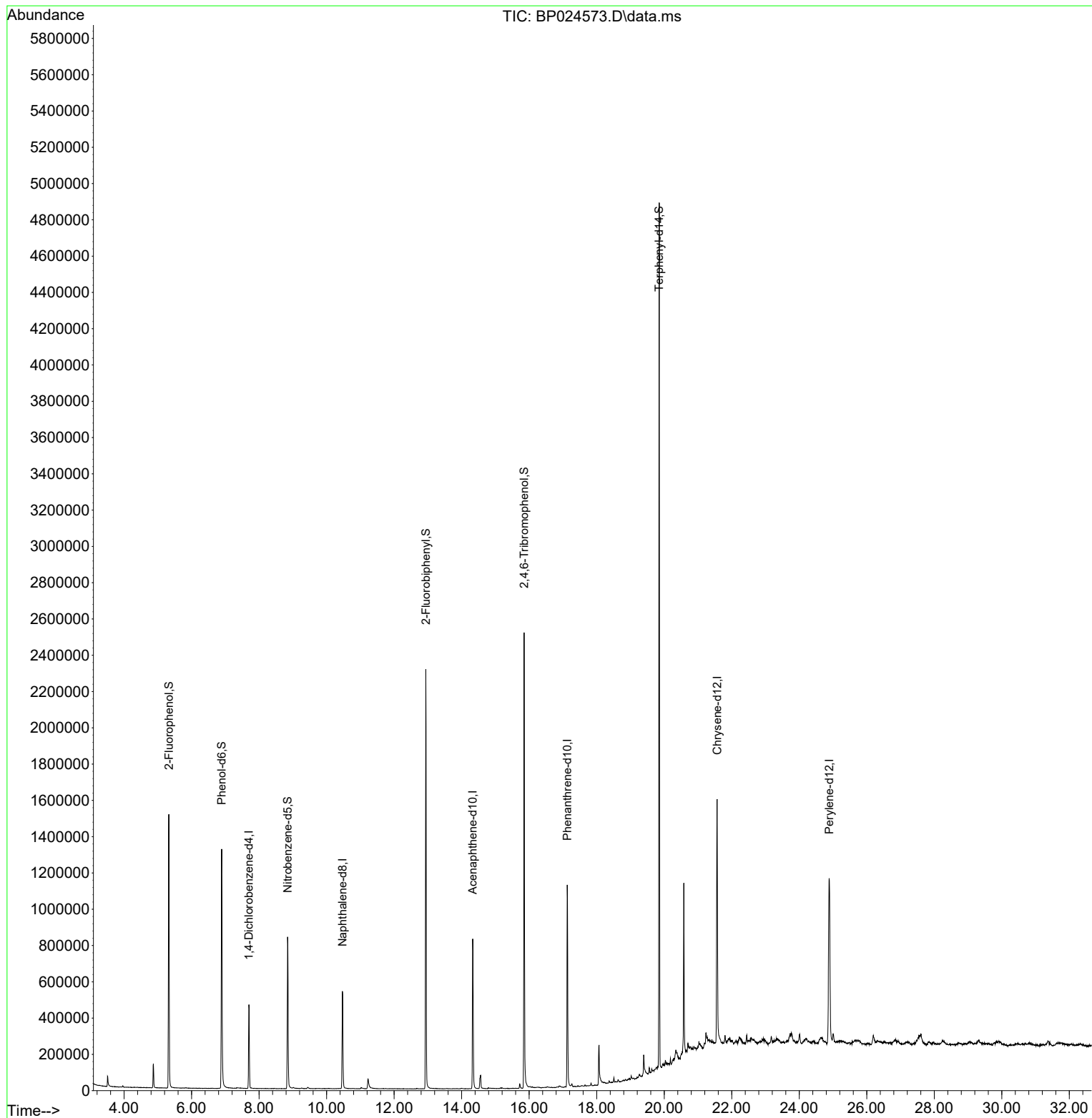
Target Compounds	Qvalue

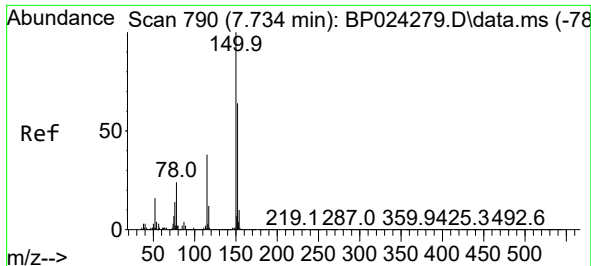
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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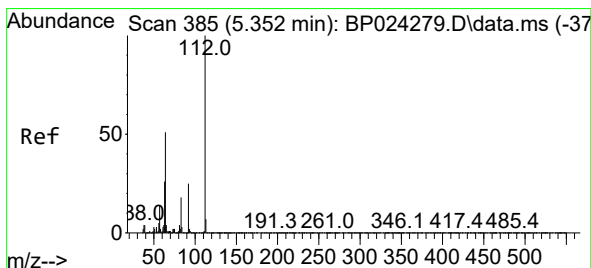
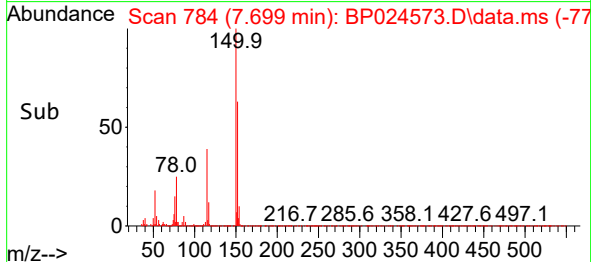
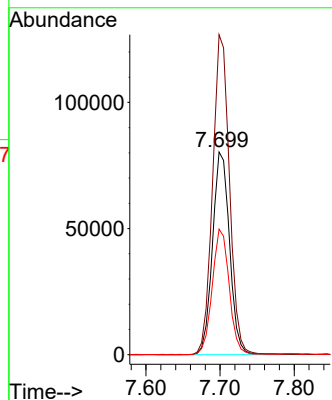
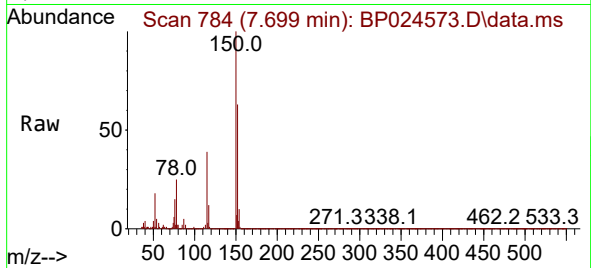




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP024573.D
Acq: 08 May 2025 18:17

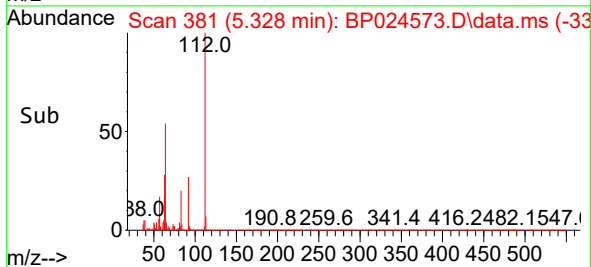
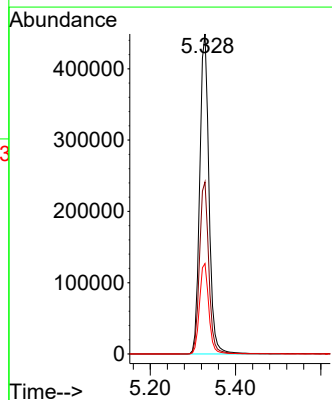
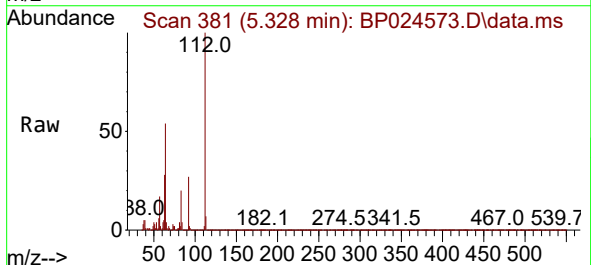
Instrument :
BNA_P
ClientSampleId :
SUB-WC

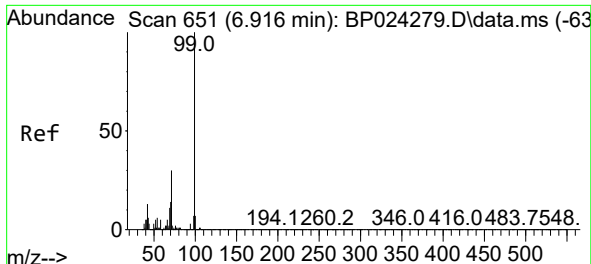
Tgt Ion:152 Resp: 128471
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 62.0 47.7 71.5



#5
2-Fluorophenol
Concen: 87.171 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024573.D
Acq: 08 May 2025 18:17

Tgt Ion:112 Resp: 677303
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 28.3 20.6 30.8

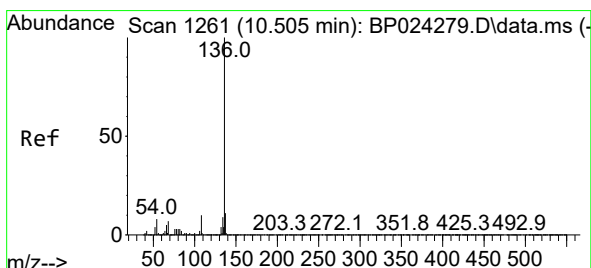
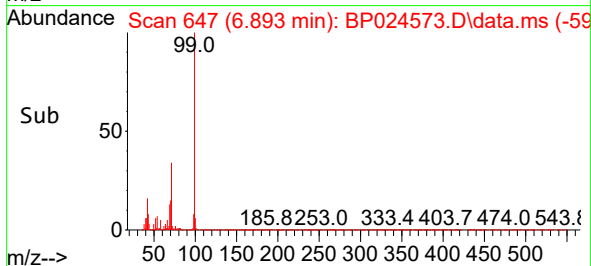
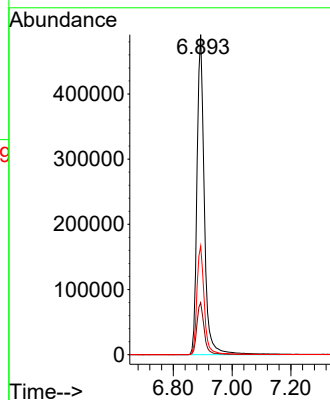
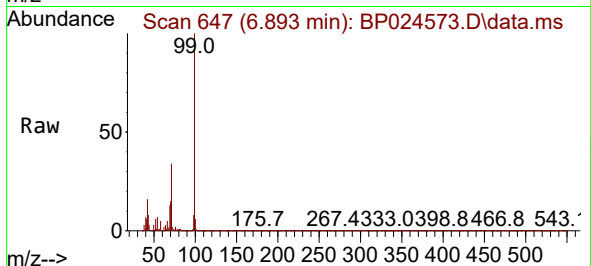




#7
Phenol-d6
Concen: 79.988 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024573.D
Acq: 08 May 2025 18:17

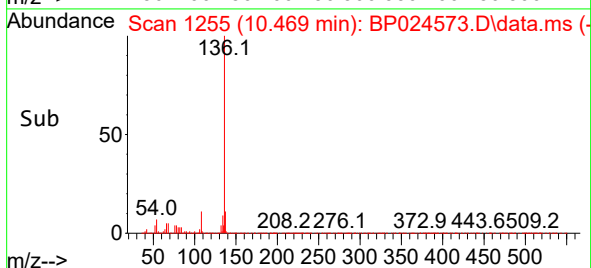
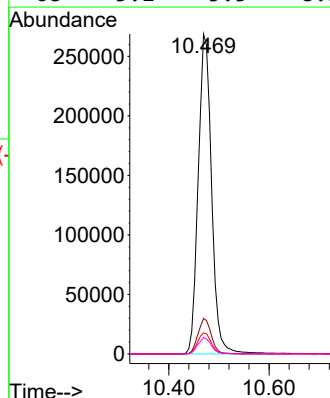
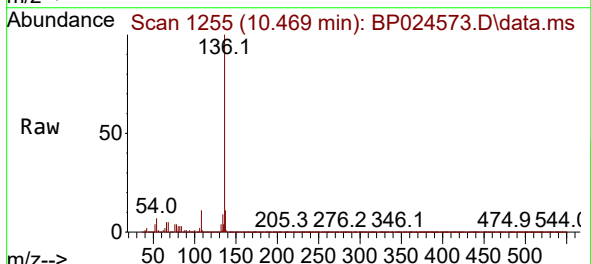
Instrument :
BNA_P
ClientSampleId :
SUB-WC

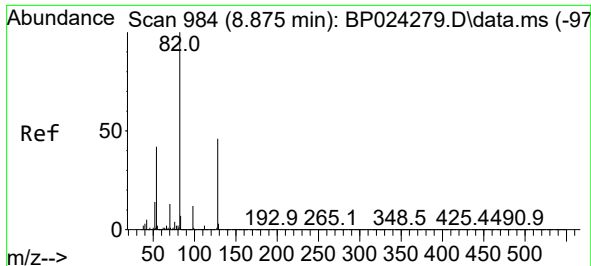
Tgt Ion: 99 Resp: 851003
Ion Ratio Lower Upper
99 100
42 16.3 10.6 16.0#
71 33.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.029 min
Lab File: BP024573.D
Acq: 08 May 2025 18:17

Tgt Ion: 136 Resp: 498521
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.5 6.0 9.0
68 5.1 5.5 8.3#

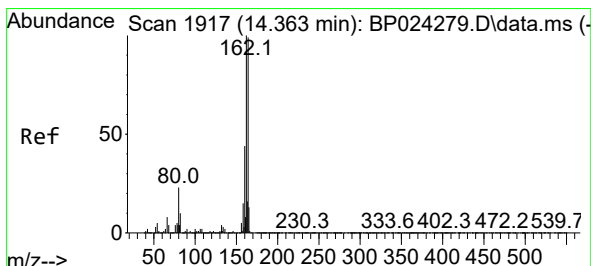
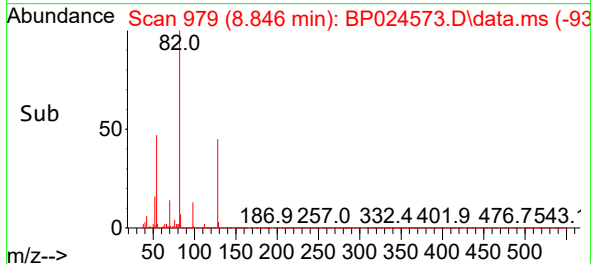
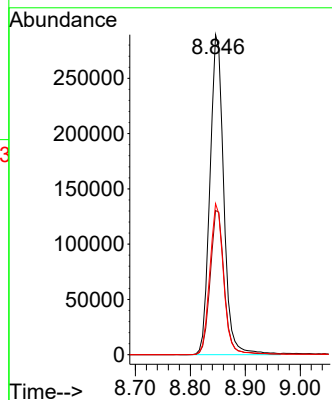
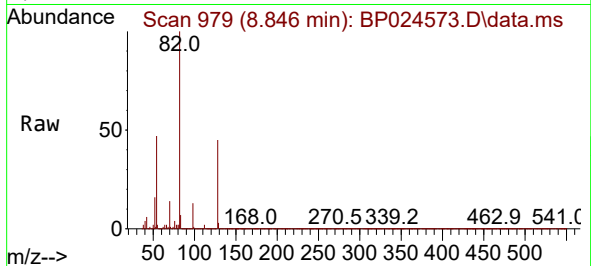




#23
Nitrobenzene-d5
Concen: 57.873 ng
RT: 8.846 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP024573.D
Acq: 08 May 2025 18:17

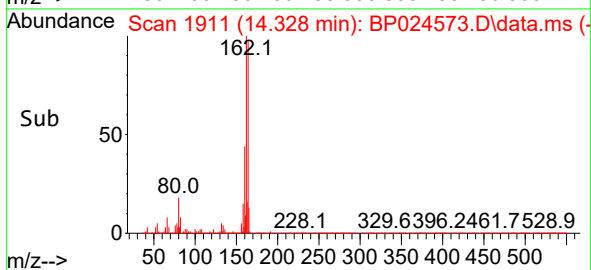
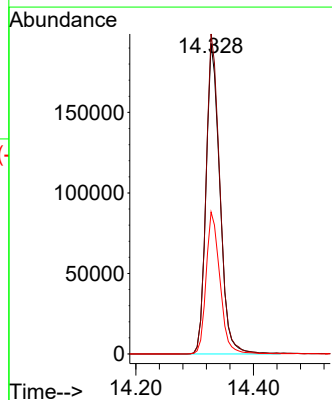
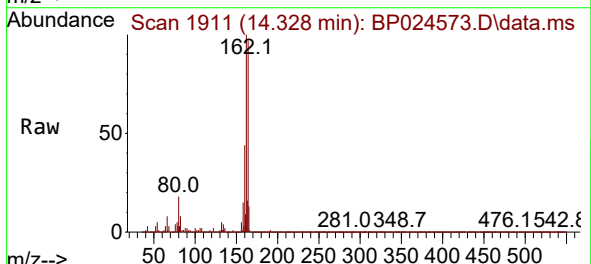
Instrument :
BNA_P
ClientSampleId :
SUB-WC

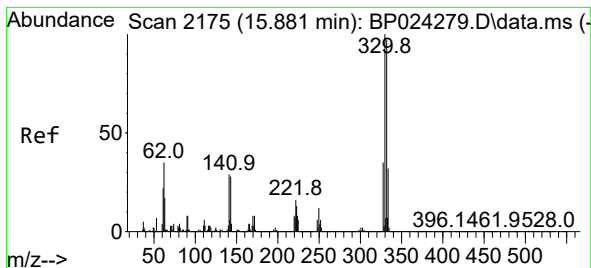
Tgt Ion: 82 Resp: 505966
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 47.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BP024573.D
Acq: 08 May 2025 18:17

Tgt Ion: 164 Resp: 315997
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 45.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 108.484 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024573.D

Acq: 08 May 2025 18:17

Instrument :

BNA_P

ClientSampleId :

SUB-WC

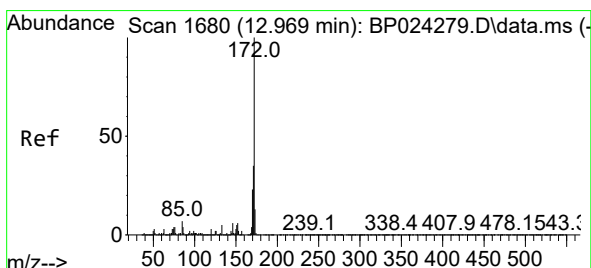
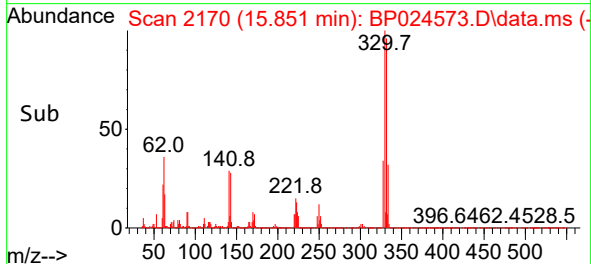
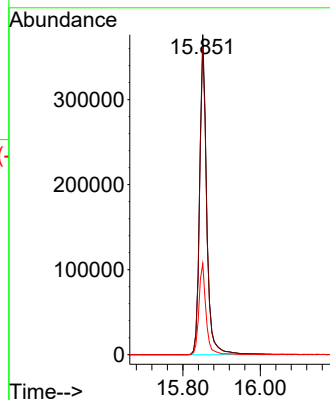
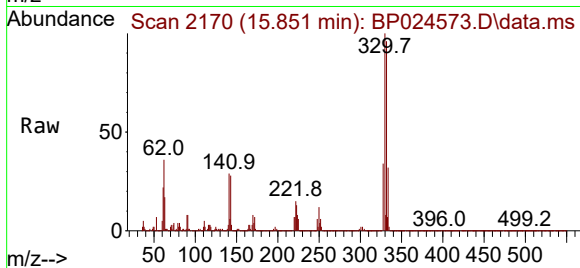
Tgt Ion:330 Resp: 474291

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 28.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 54.094 ng

RT: 12.940 min Scan# 1675

Delta R.T. -0.023 min

Lab File: BP024573.D

Acq: 08 May 2025 18:17

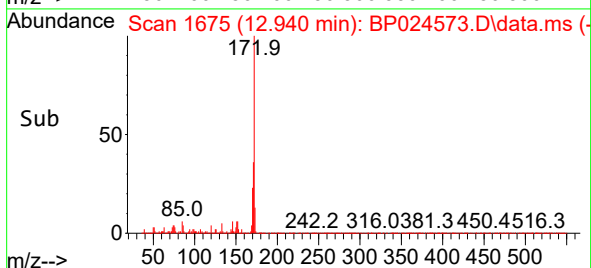
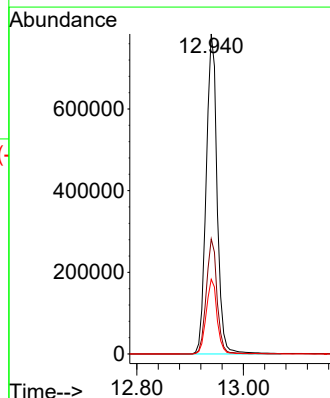
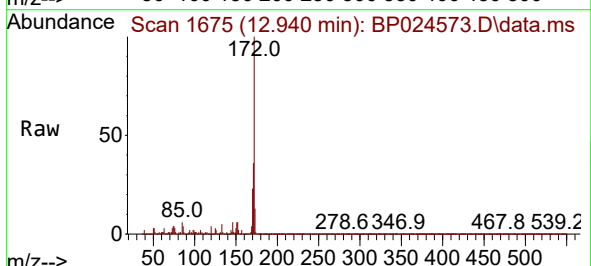
Tgt Ion:172 Resp: 1116418

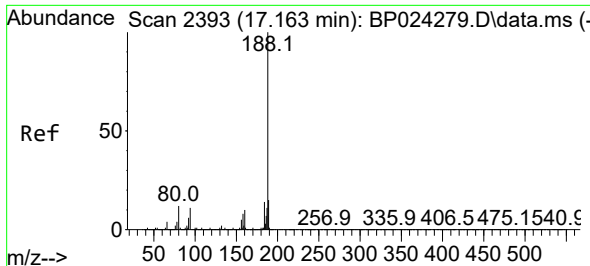
Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 23.3 18.6 27.8

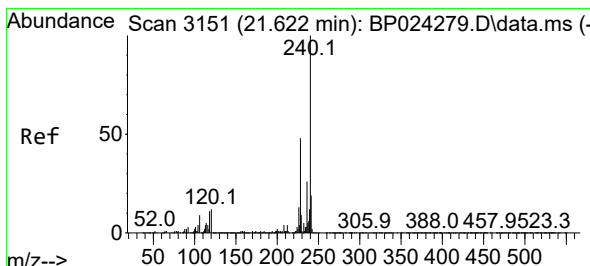
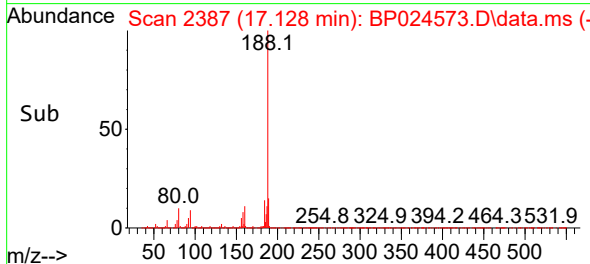
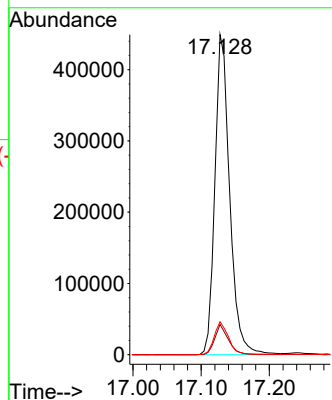
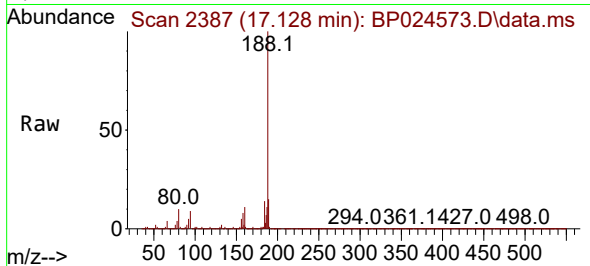




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024573.D
Acq: 08 May 2025 18:17

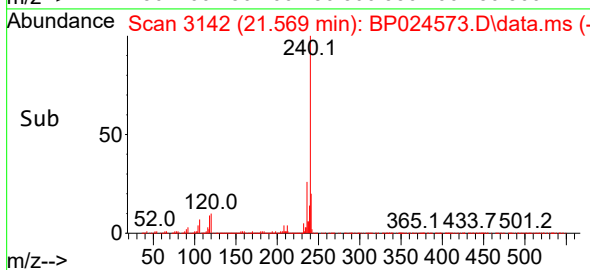
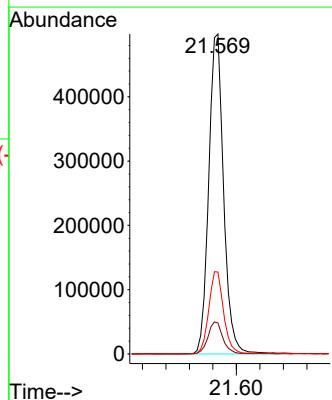
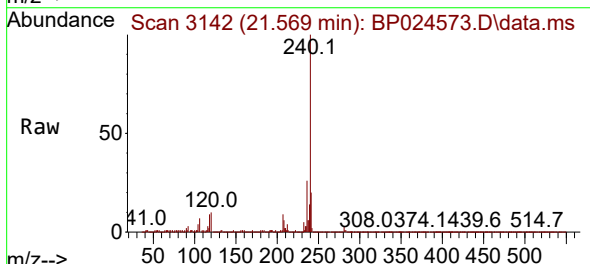
Instrument :
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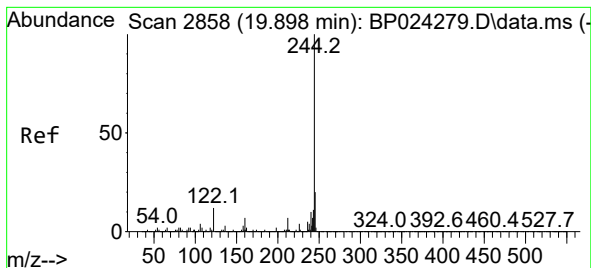
Tgt Ion:188 Resp: 679601
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 10.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. -0.023 min
Lab File: BP024573.D
Acq: 08 May 2025 18:17

Tgt Ion:240 Resp: 876036
Ion Ratio Lower Upper
240 100
120 9.7 9.8 14.8#
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 50.573 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024573.D

Acq: 08 May 2025 18:17

Instrument :

BNA_P

ClientSampleId :

SUB-WC

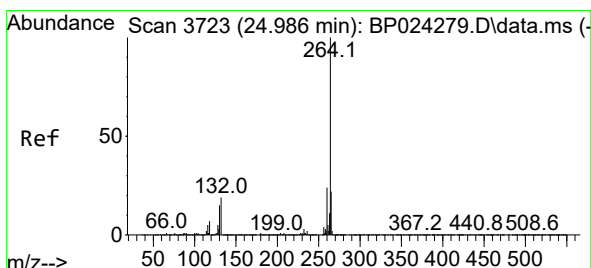
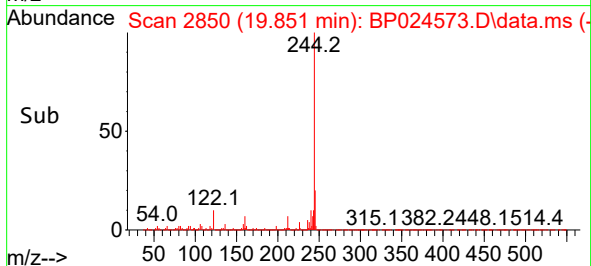
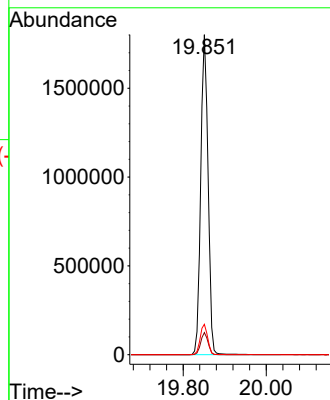
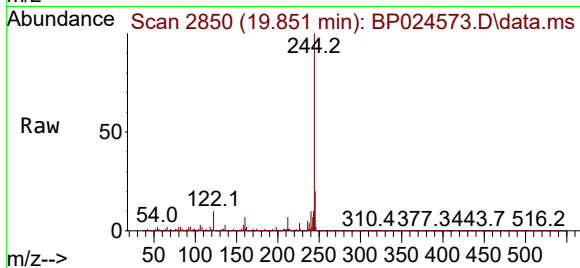
Tgt Ion:244 Resp: 2198008

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.5 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: BP024573.D

Acq: 08 May 2025 18:17

Tgt Ion:264 Resp: 1038936

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.3 17.8 26.6

