

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024575.D
 Acq On : 08 May 2025 19:39
 Operator : RC/JU
 Sample : Q1972-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-2

Quant Time: May 09 01:39:34 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	114413	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	435755	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	255765	20.000	ng	-0.02
64) Phenanthrene-d10	17.134	188	520293	20.000	ng	-0.01
76) Chrysene-d12	21.575	240	665717	20.000	ng	#-0.02
86) Perylene-d12	24.904	264	835946	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	768198	111.017	ng	-0.02
7) Phenol-d6	6.893	99	939871	99.196	ng	-0.02
23) Nitrobenzene-d5	8.852	82	575230	75.272	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	463740	131.050	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1161665	69.542	ng	-0.02
79) Terphenyl-d14	19.851	244	2236352	67.712	ng	-0.02

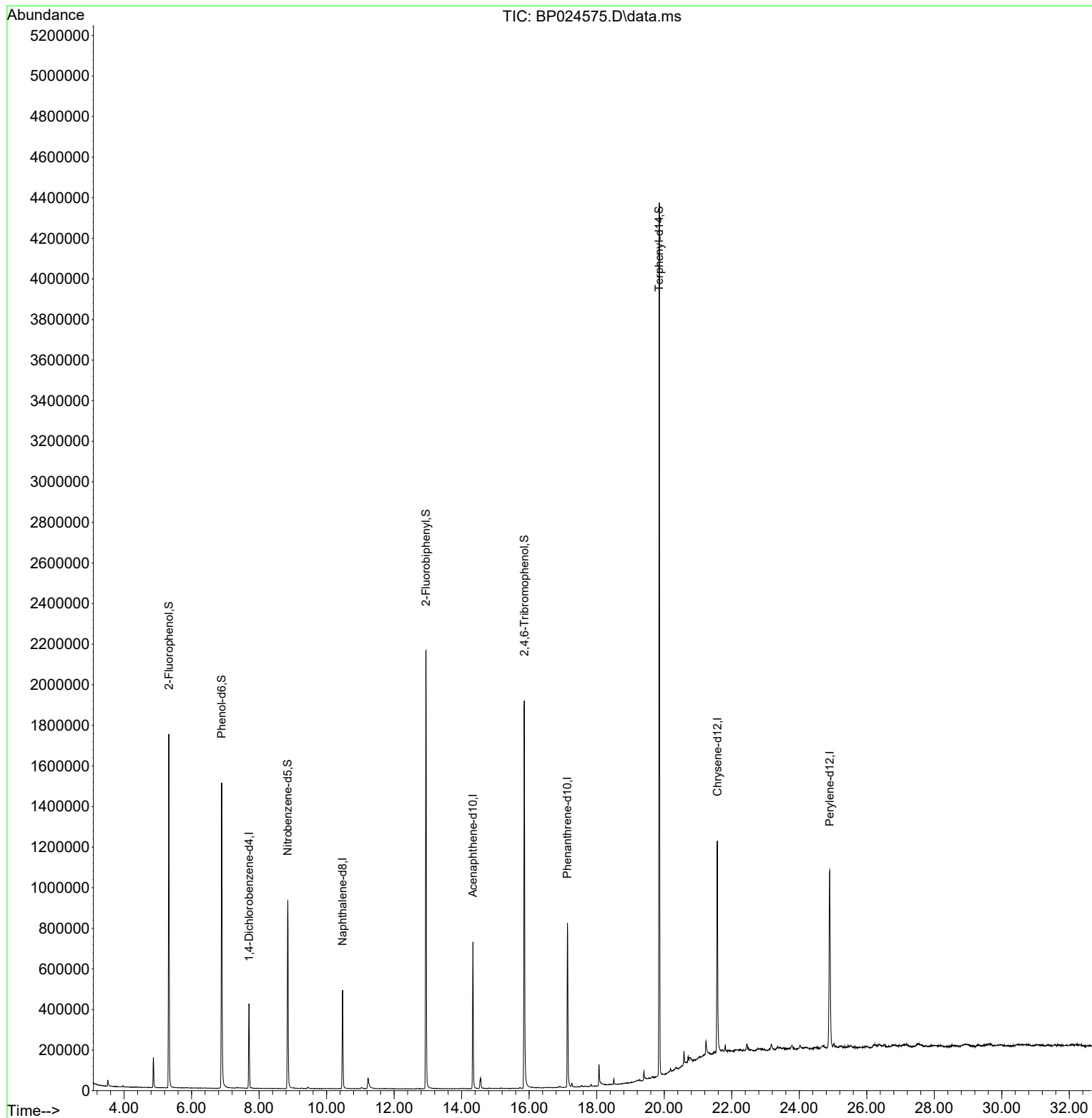
Target Compounds	Qvalue

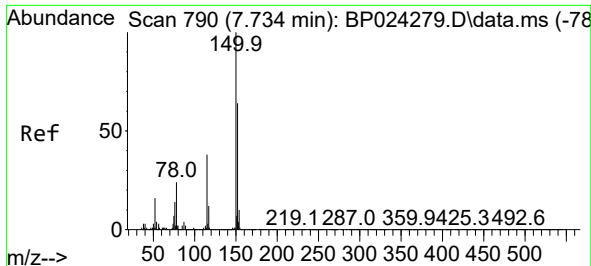
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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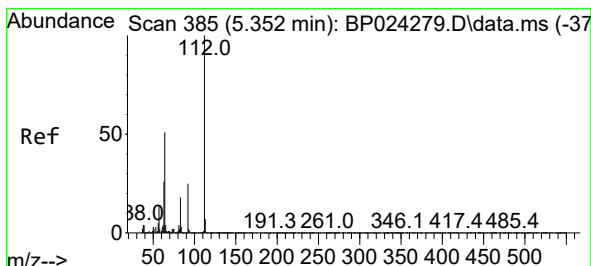
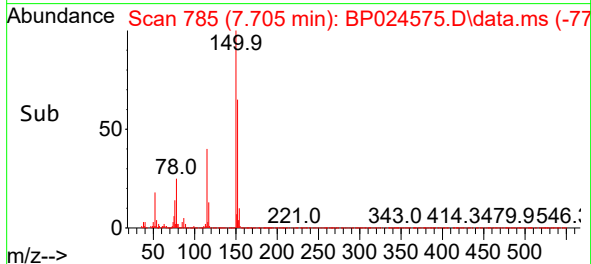
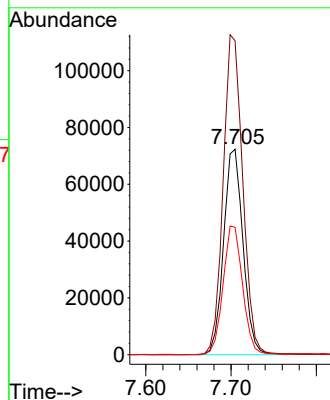
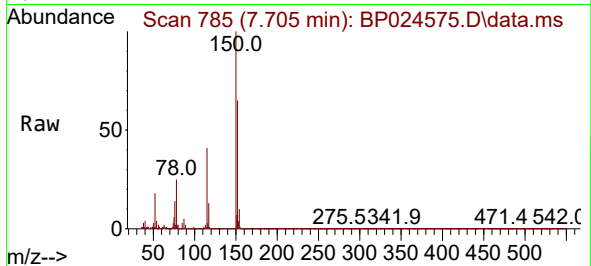




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

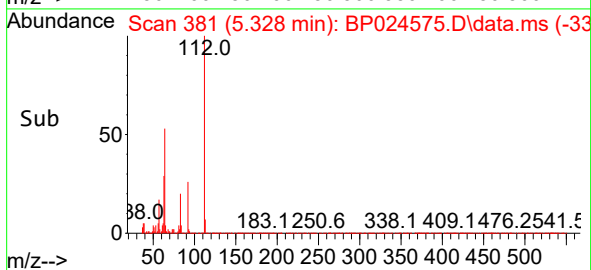
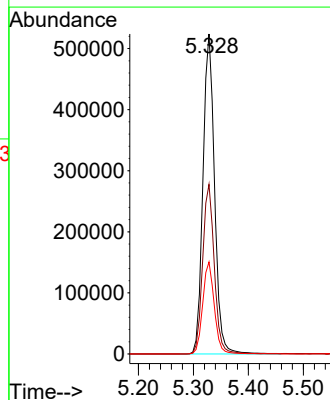
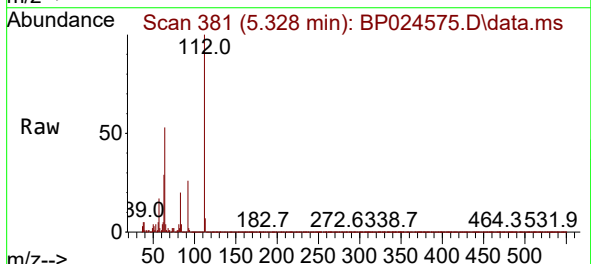
Instrument :
BNA_P
ClientSampleId :
WC-B-2

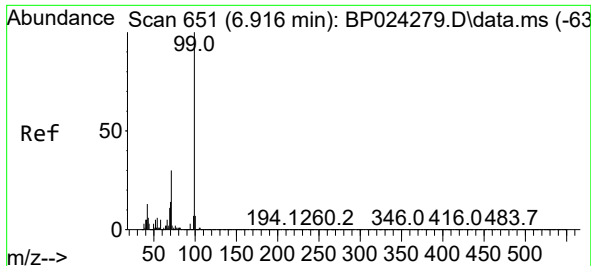
Tgt Ion:152 Resp: 114413
Ion Ratio Lower Upper
152 100
150 152.8 124.9 187.3
115 62.0 47.7 71.5



#5
2-Fluorophenol
Concen: 111.017 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:112 Resp: 768198
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 28.7 20.6 30.8

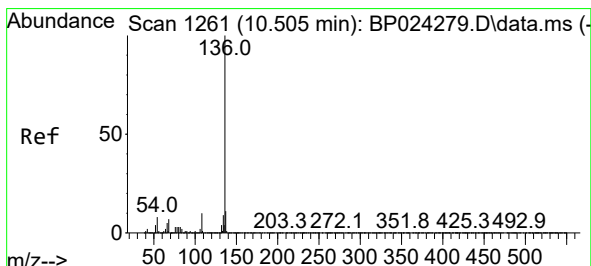
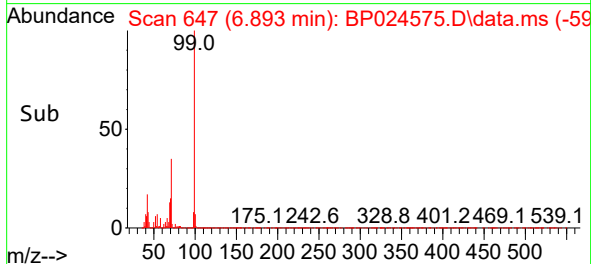
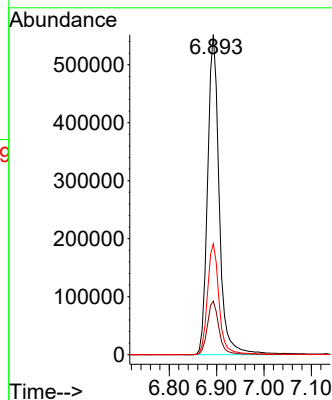
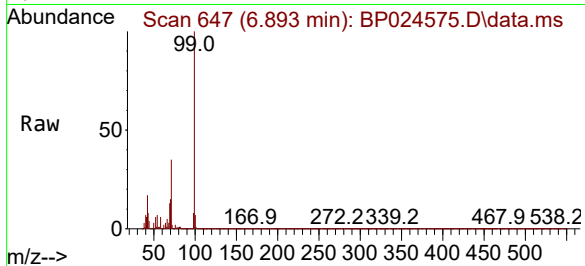




#7
Phenol-d6
Concen: 99.196 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

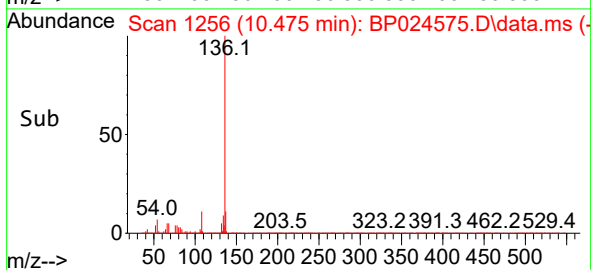
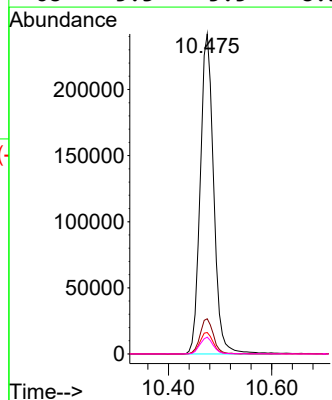
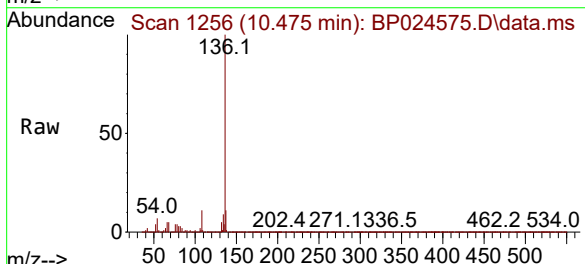
Instrument :
BNA_P
ClientSampleId :
WC-B-2

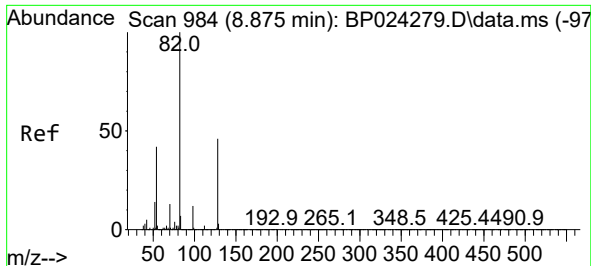
Tgt Ion: 99 Resp: 939871
Ion Ratio Lower Upper
99 100
42 16.7 10.6 16.0#
71 34.6 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion: 136 Resp: 435755
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.7 6.0 9.0
68 5.3 5.5 8.3#

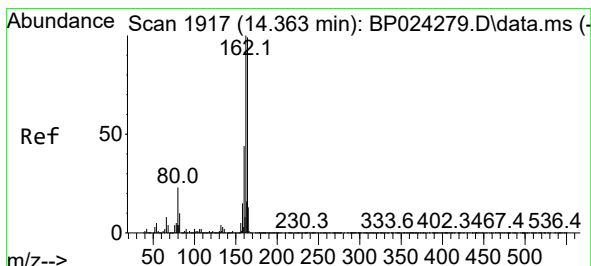
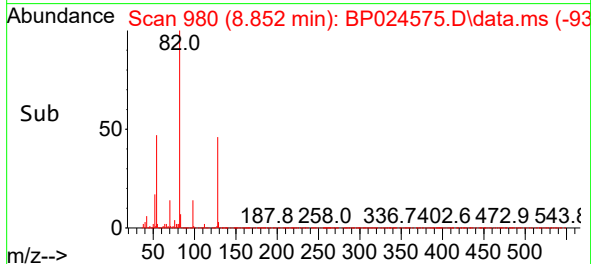
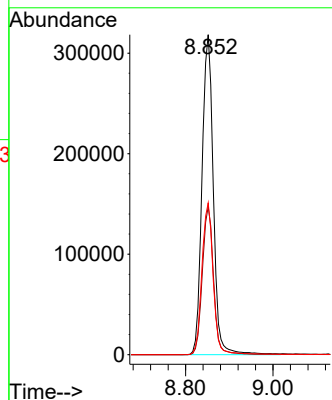
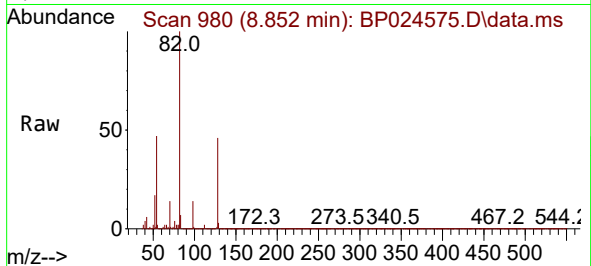




#23
Nitrobenzene-d5
Concen: 75.272 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

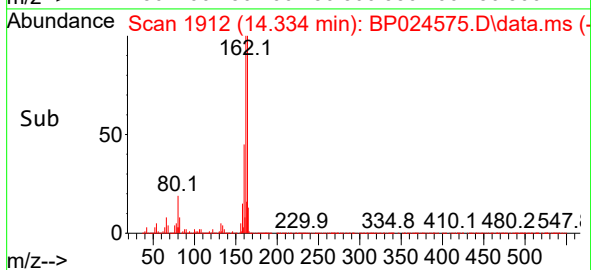
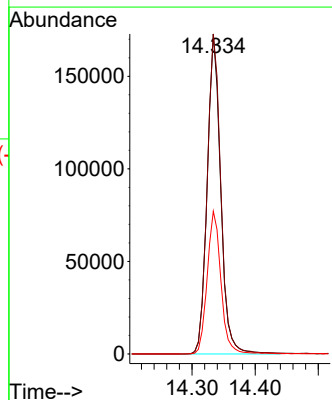
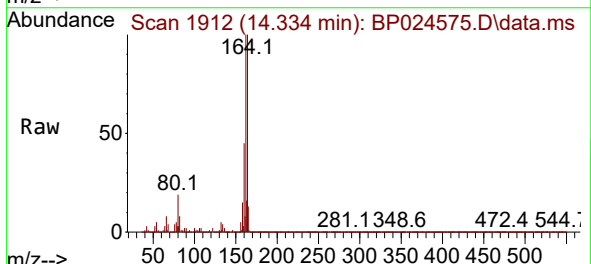
Instrument :
BNA_P
ClientSampleId :
WC-B-2

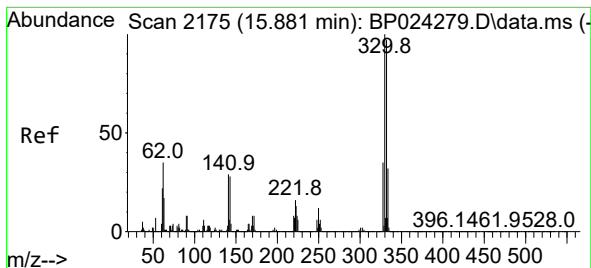
Tgt Ion: 82 Resp: 575230
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 47.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:164 Resp: 255765
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 131.050 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024575.D

Acq: 08 May 2025 19:39

Instrument :

BNA_P

ClientSampleId :

WC-B-2

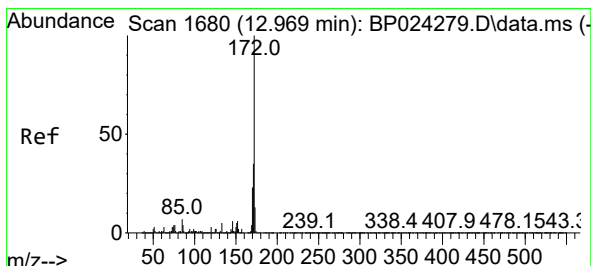
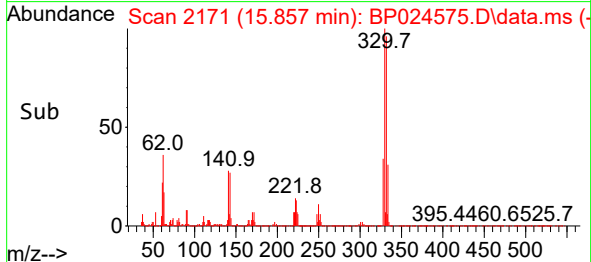
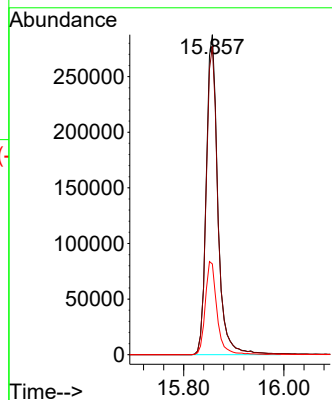
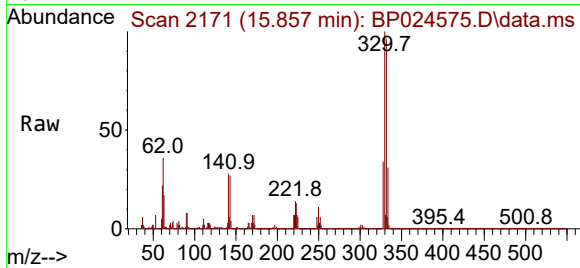
Tgt Ion:330 Resp: 463740

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 29.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 69.542 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.017 min

Lab File: BP024575.D

Acq: 08 May 2025 19:39

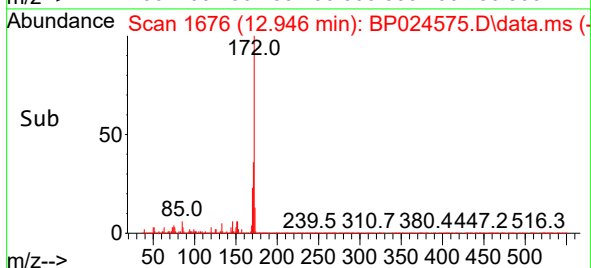
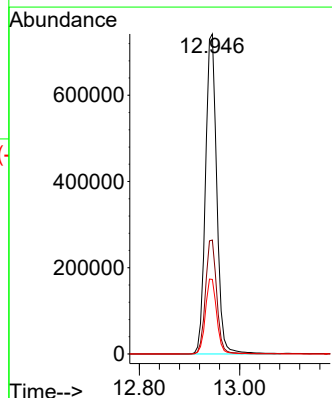
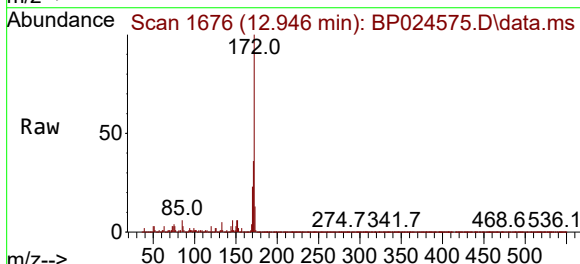
Tgt Ion:172 Resp: 1161665

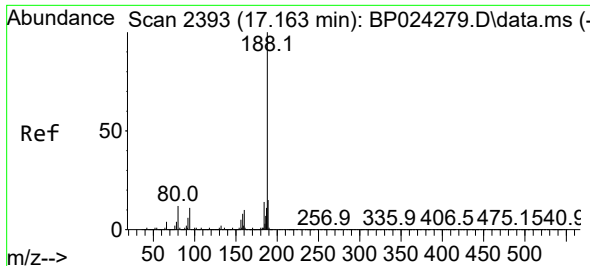
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.3 18.6 27.8

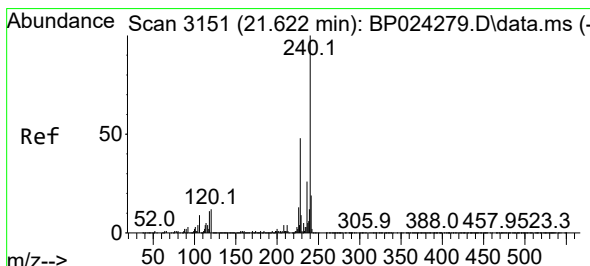
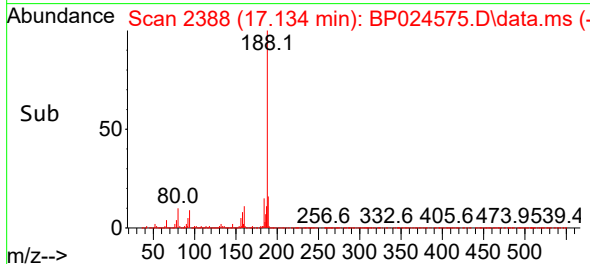
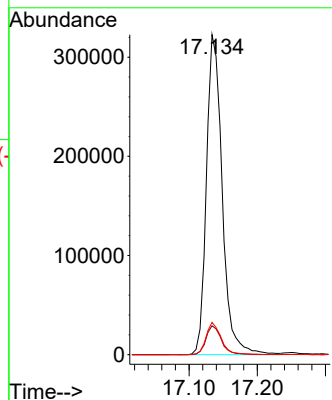
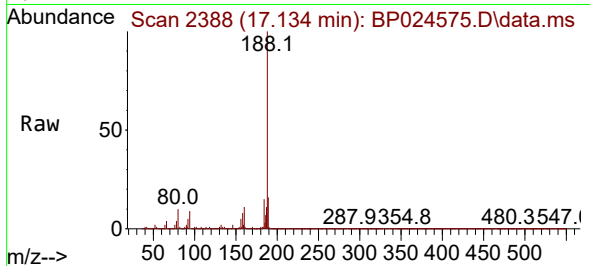




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

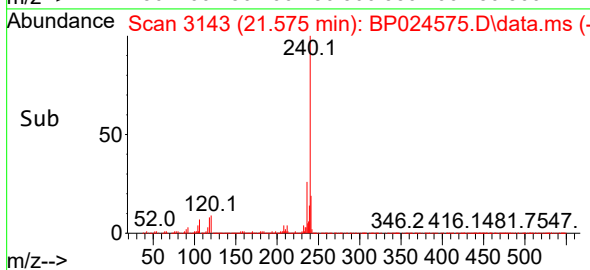
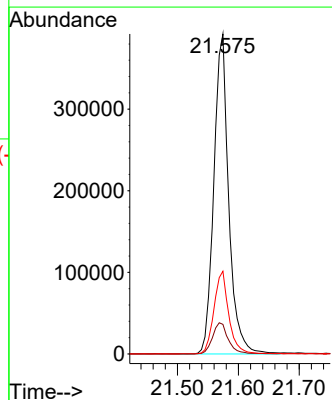
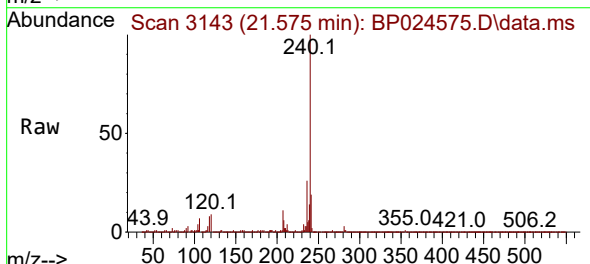
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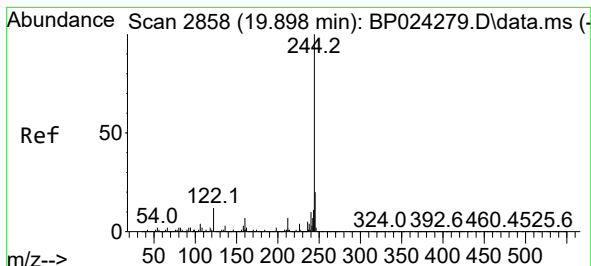
Tgt Ion:188 Resp: 520293
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 10.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3143
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:240 Resp: 665717
Ion Ratio Lower Upper
240 100
120 9.2 9.8 14.8#
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 67.712 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024575.D

Acq: 08 May 2025 19:39

Instrument :

BNA_P

ClientSampleId :

WC-B-2

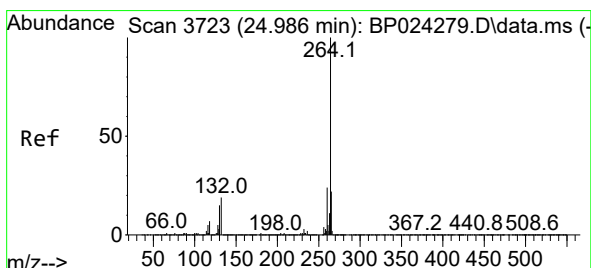
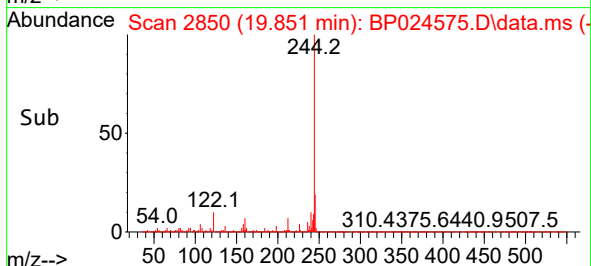
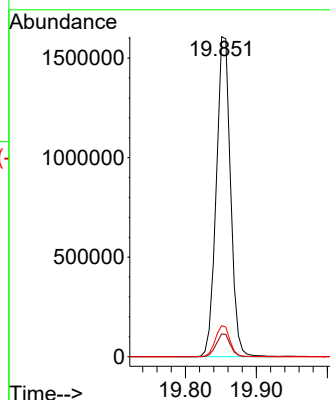
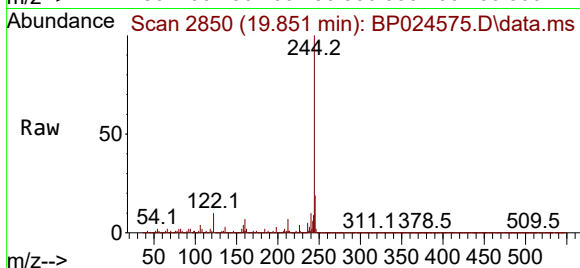
Tgt Ion:244 Resp: 2236352

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.7 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.904 min Scan# 3709

Delta R.T. -0.029 min

Lab File: BP024575.D

Acq: 08 May 2025 19:39

Tgt Ion:264 Resp: 835946

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.3 17.8 26.6

