

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024301.D
 Acq On : 15 Apr 2025 19:32
 Operator : RC/JU
 Sample : Q1803-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WEST-BAY

Quant Time: Apr 16 01:42:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

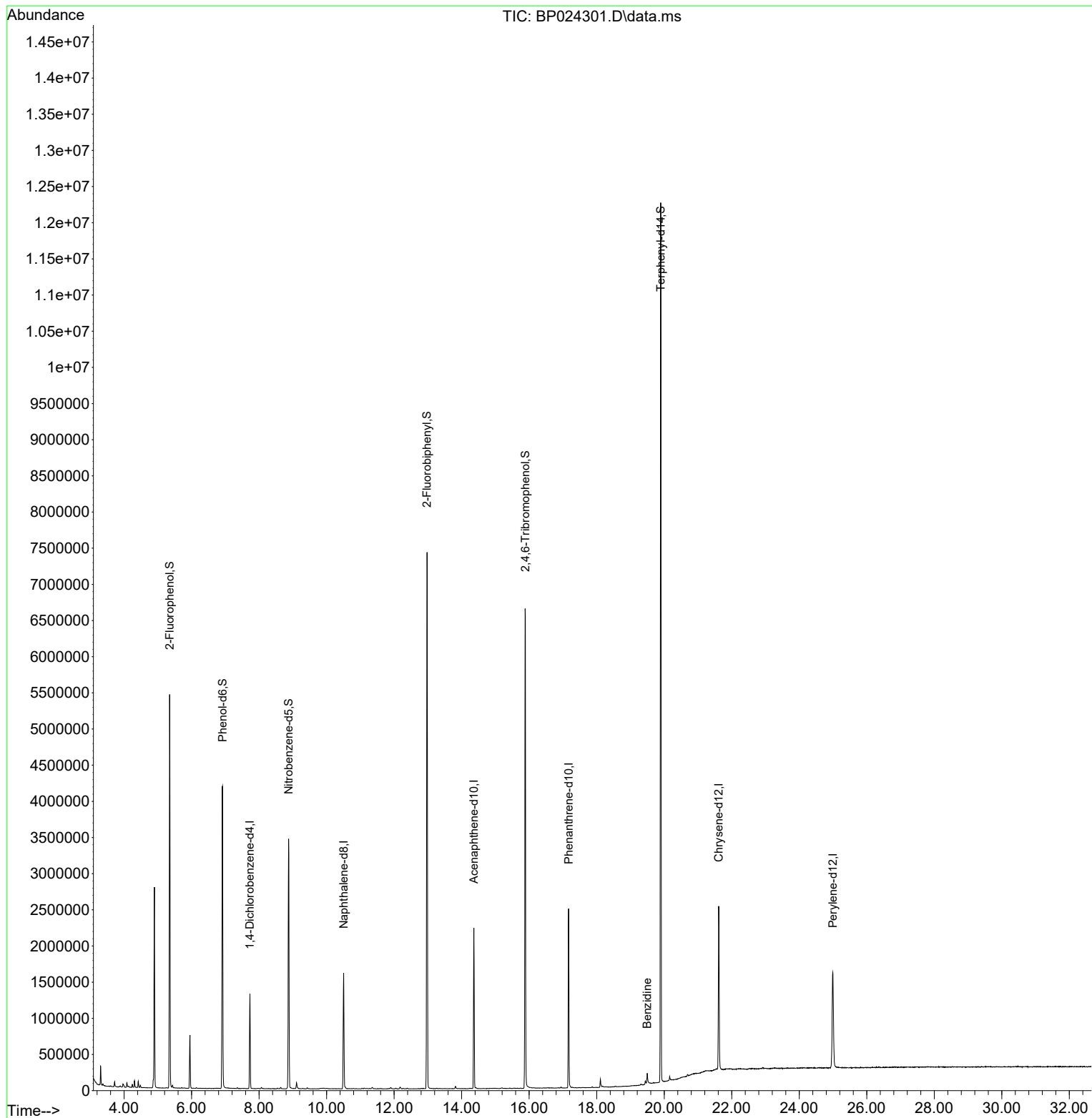
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	344602	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1311390	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	751641	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1400960	20.000	ng	-0.01
76) Chrysene-d12	21.616	240	1340547	20.000	ng	0.00
86) Perylene-d12	24.992	264	1321676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2386586	114.512	ng	0.00
7) Phenol-d6	6.916	99	2629398	92.138	ng	0.00
23) Nitrobenzene-d5	8.875	82	2121297	92.237	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1340072	128.861	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	4116745	83.859	ng	0.00
79) Terphenyl-d14	19.898	244	6435954	96.771	ng	-0.02
Target Compounds						
77) Benzidine	19.498	184	110708	6.515	ng	Qvalue 97

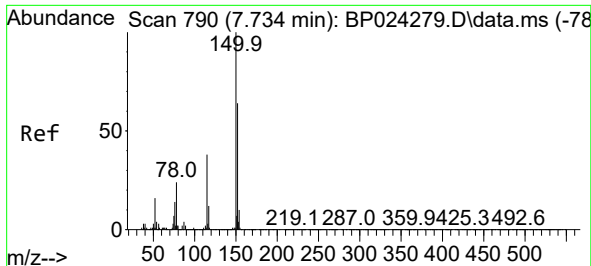
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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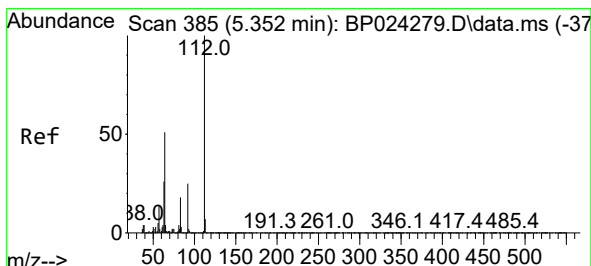
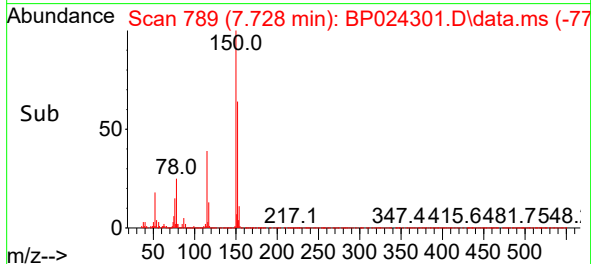
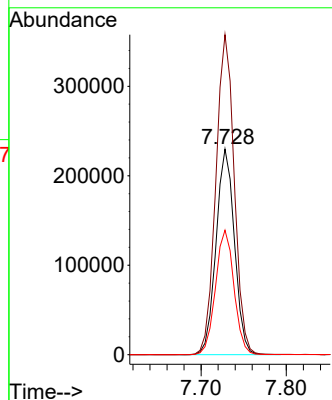
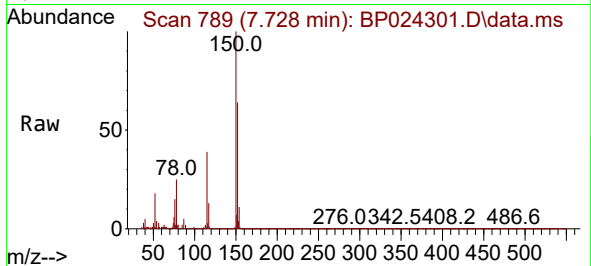




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

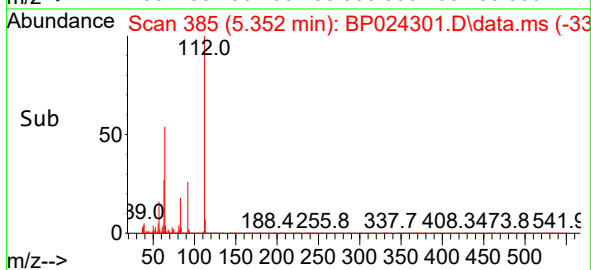
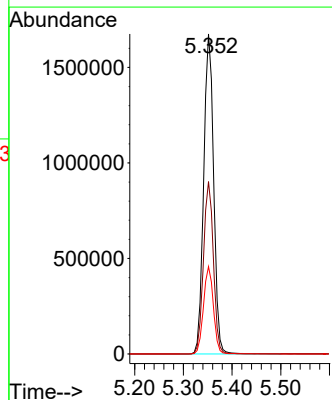
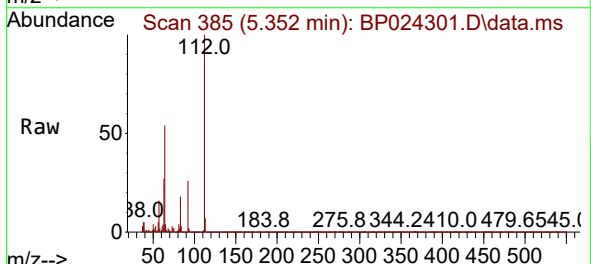
Instrument :
BNA_P
ClientSampleId :
WEST-BAY

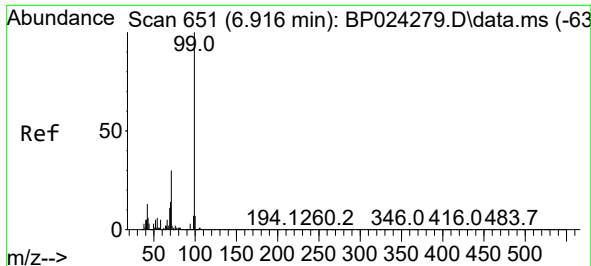
Tgt Ion:152 Resp: 344602
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 60.5 47.7 71.5



#5
2-Fluorophenol
Concen: 114.512 ng
RT: 5.352 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

Tgt Ion:112 Resp: 2386586
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 27.3 20.6 30.8

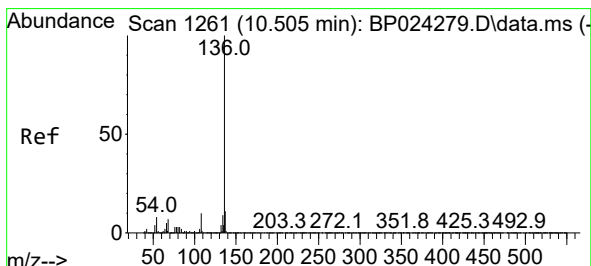
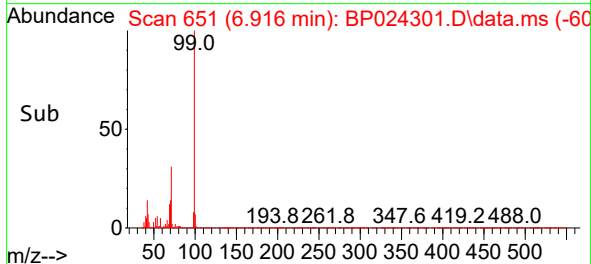
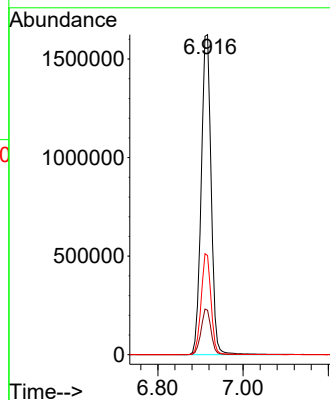
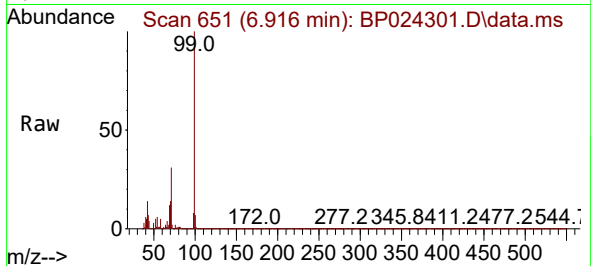




#7
Phenol-d6
Concen: 92.138 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

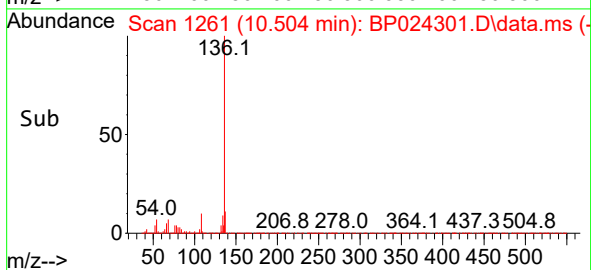
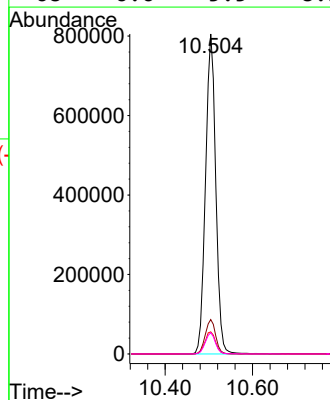
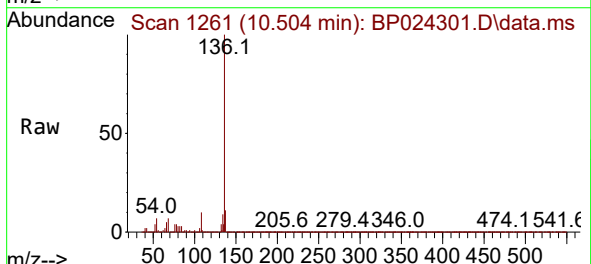
Instrument :
BNA_P
ClientSampleId :
WEST-BAY

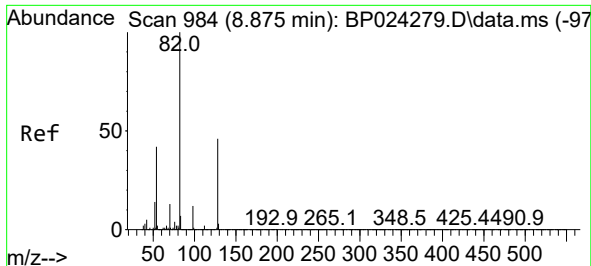
Tgt Ion: 99 Resp: 2629398
Ion Ratio Lower Upper
99 100
42 13.9 10.6 16.0
71 31.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

Tgt Ion: 136 Resp: 1311390
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.9 6.0 9.0
68 6.6 5.5 8.3

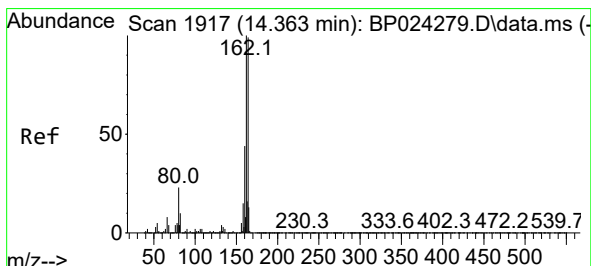
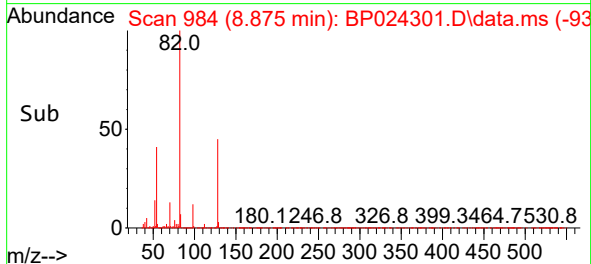
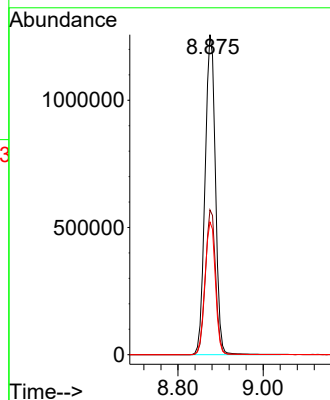
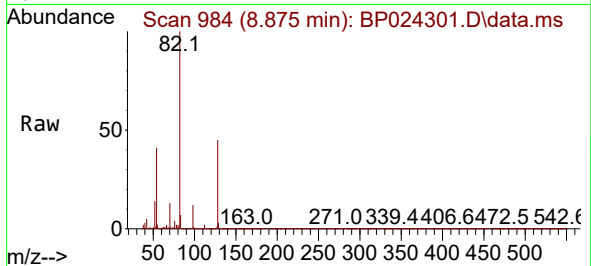




#23
Nitrobenzene-d5
Concen: 92.237 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

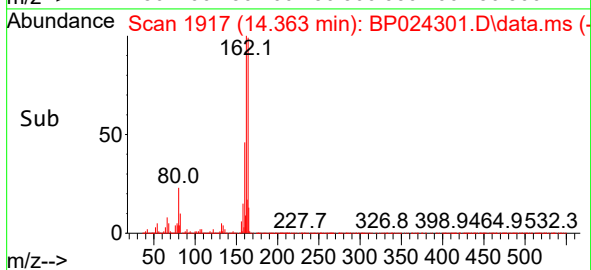
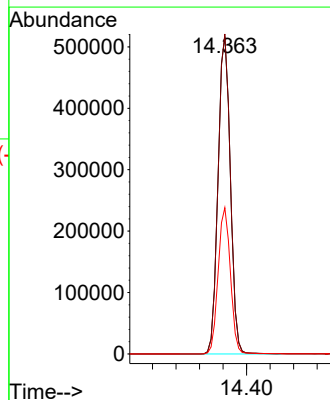
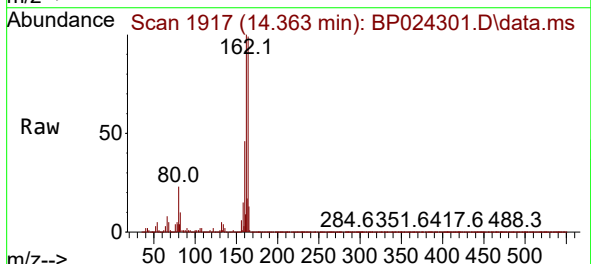
Instrument :
BNA_P
ClientSampleId :
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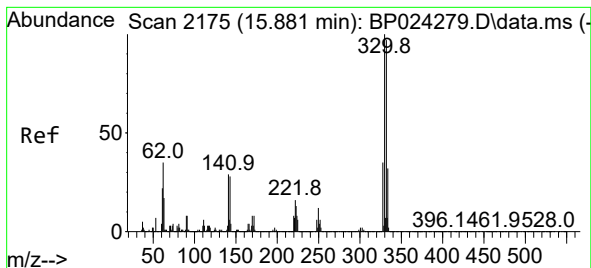
Tgt Ion: 82 Resp: 2121297
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 41.5 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

Tgt Ion:164 Resp: 751641
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 46.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 128.861 ng

RT: 15.886 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024301.D

Acq: 15 Apr 2025 19:32

Instrument :

BNA_P

ClientSampleId :

WEST-BAY

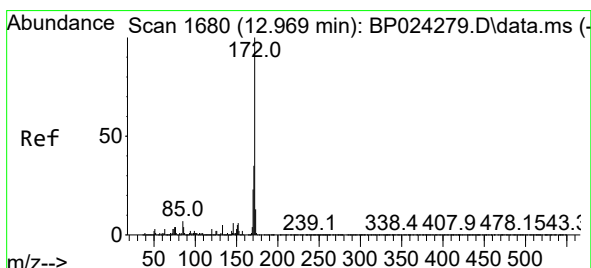
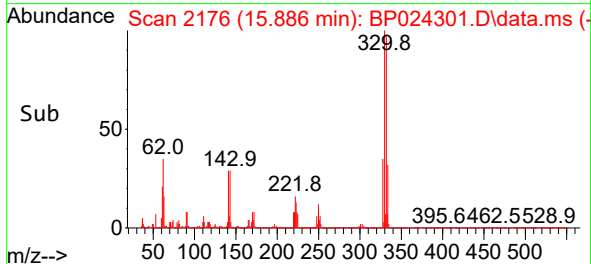
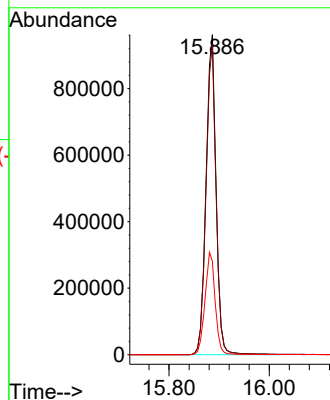
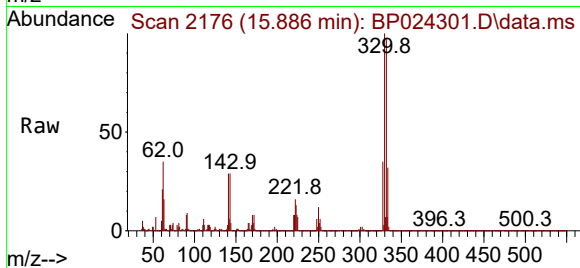
Tgt Ion:330 Resp: 1340072

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 32.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 83.859 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP024301.D

Acq: 15 Apr 2025 19:32

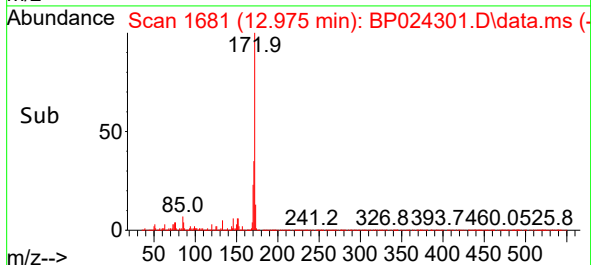
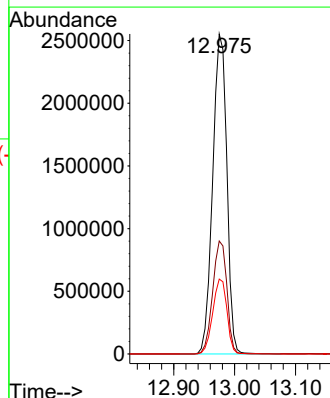
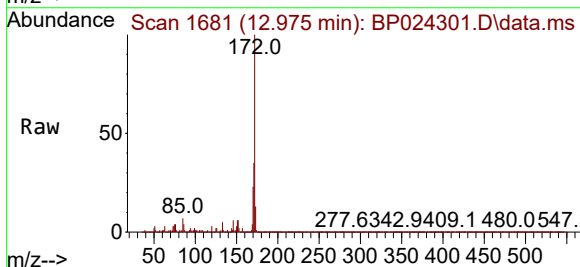
Tgt Ion:172 Resp: 4116745

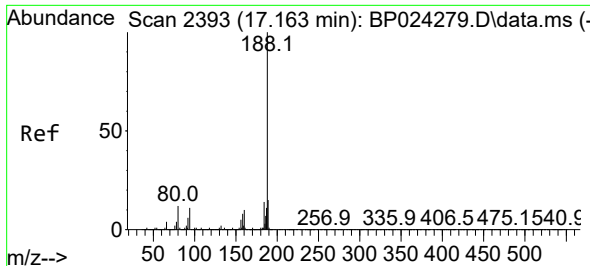
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 18.6 27.8

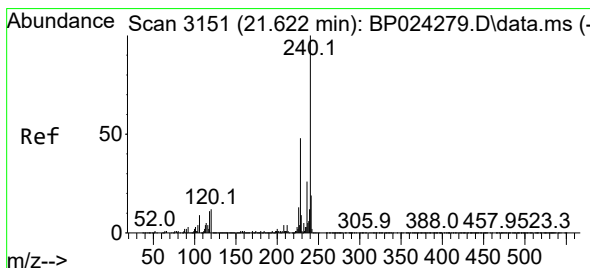
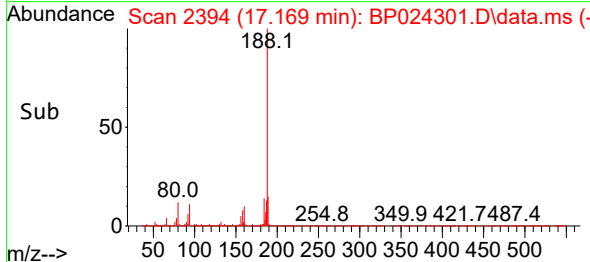
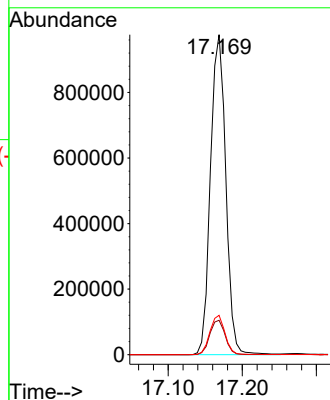
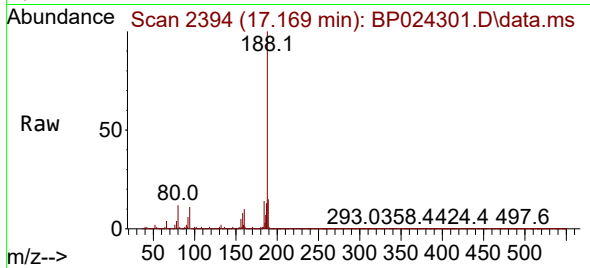




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

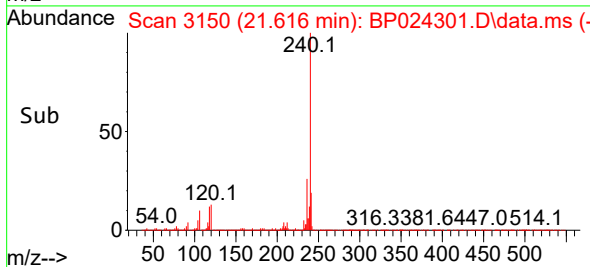
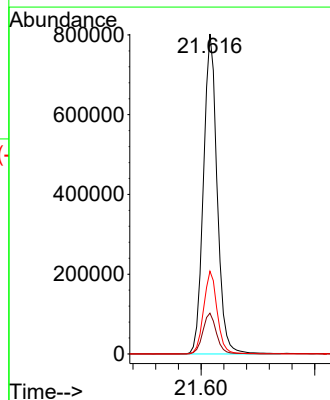
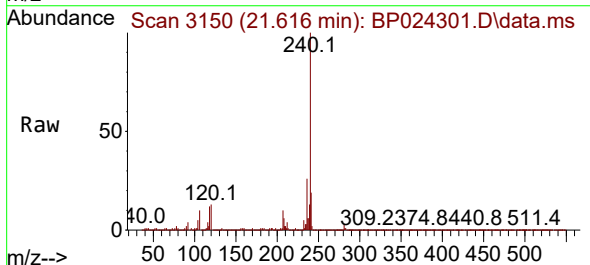
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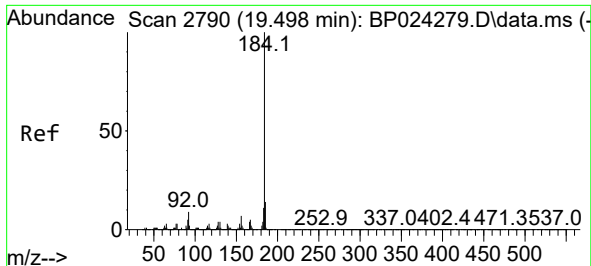
Tgt Ion:188 Resp: 1400960
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 12.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

Tgt Ion:240 Resp: 1340547
Ion Ratio Lower Upper
240 100
120 12.7 9.8 14.8
236 25.9 20.9 31.3

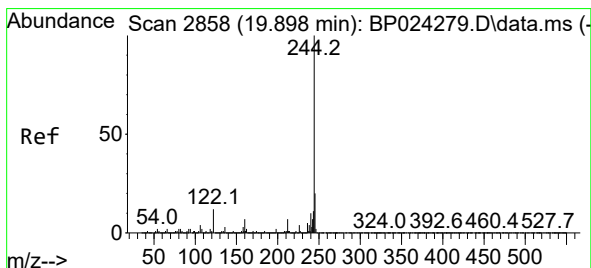
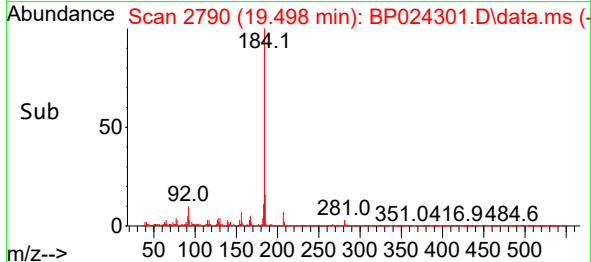
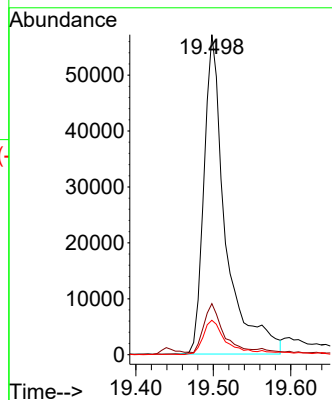
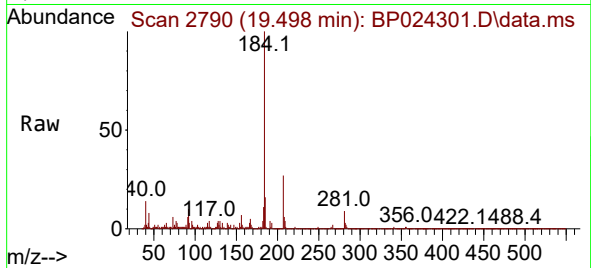




#77
Benzidine
Concen: 6.515 ng
RT: 19.498 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

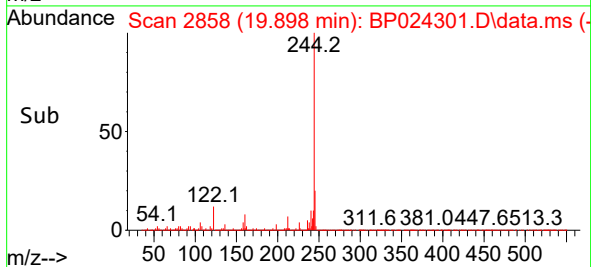
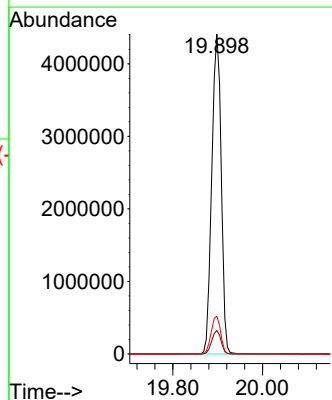
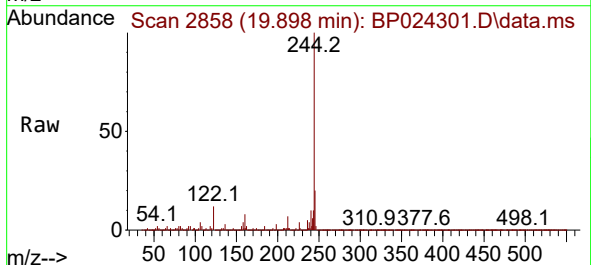
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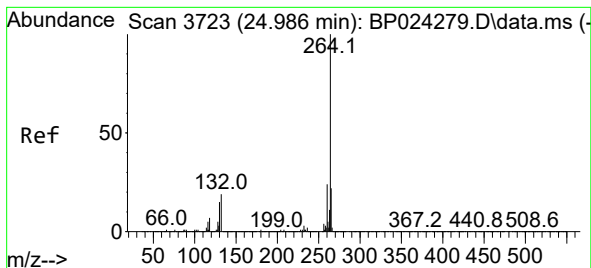
Tgt Ion:184 Resp: 110708
Ion Ratio Lower Upper
184 100
185 16.0 11.6 17.4
183 10.7 9.2 13.8



#79
Terphenyl-d14
Concen: 96.771 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.024 min
Lab File: BP024301.D
Acq: 15 Apr 2025 19:32

Tgt Ion:244 Resp: 6435954
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 11.8 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.992 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024301.D

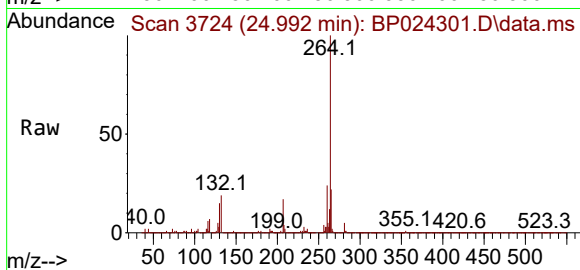
Acq: 15 Apr 2025 19:32

Instrument :

BNA_P

ClientSampleId :

WEST-BAY



Tgt Ion:264 Resp: 1321676

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.4 17.8 26.6

