

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024993.D
 Acq On : 18 Jun 2025 14:04
 Operator : RC/JU
 Sample : Q2312-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Jun 18 14:55:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

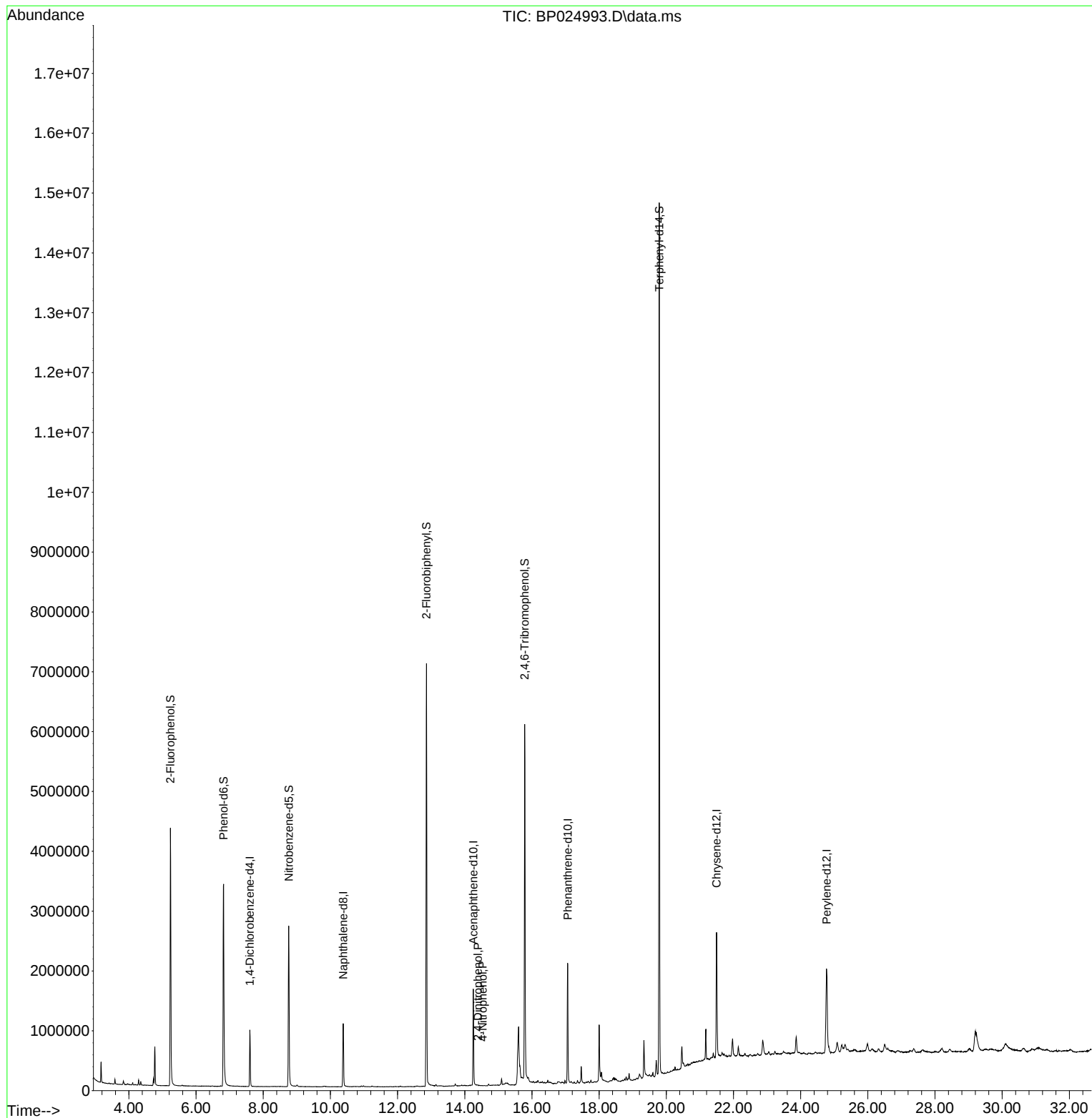
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	257374	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	954601	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	585367	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1246989	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1404167	20.000	ng	0.01
86) Perylene-d12	24.771	264	1561156	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2099037	136.133	ng	0.00
7) Phenol-d6	6.819	99	2410985	118.180	ng	0.00
23) Nitrobenzene-d5	8.760	82	1756967	89.437	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1289196	159.297	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3716364	85.526	ng	0.00
79) Terphenyl-d14	19.789	244	6910861	88.209	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.395	184	218	5.597	ng	# 1
56) 4-Nitrophenol	14.531	139	54	5.415	ng	# 12

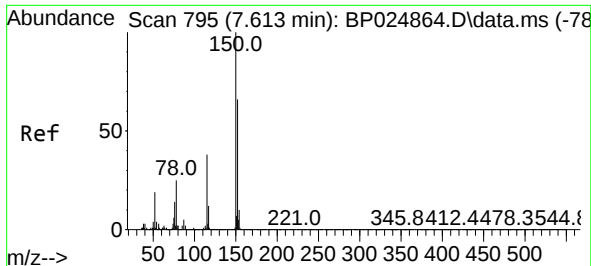
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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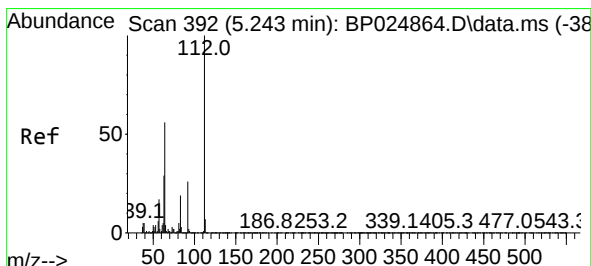
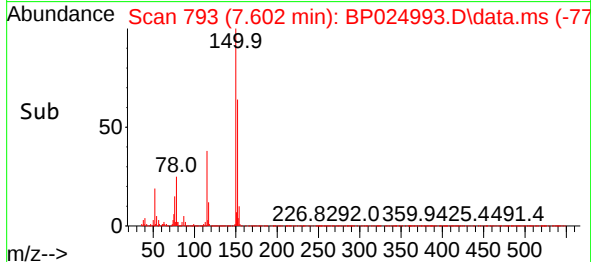
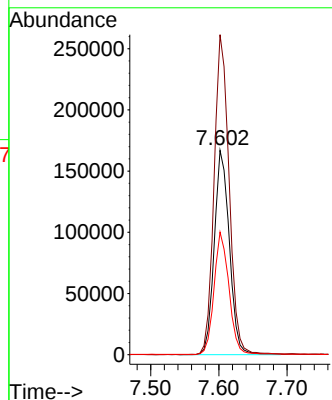
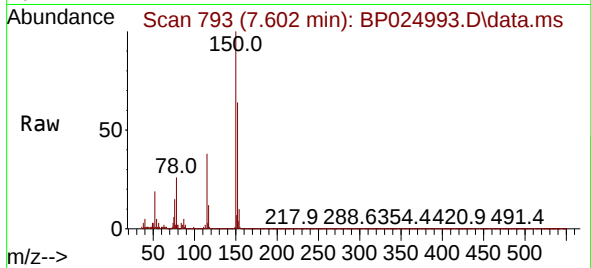




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP024993.D
Acq: 18 Jun 2025 14:04

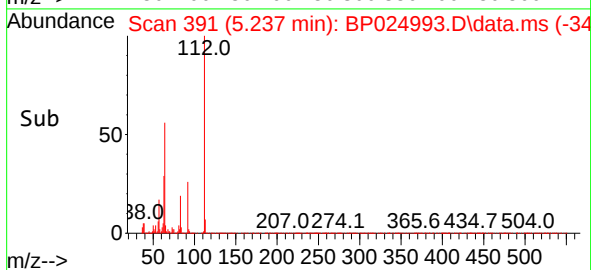
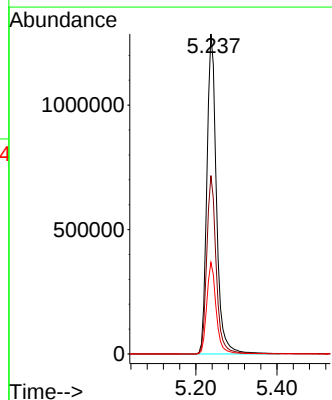
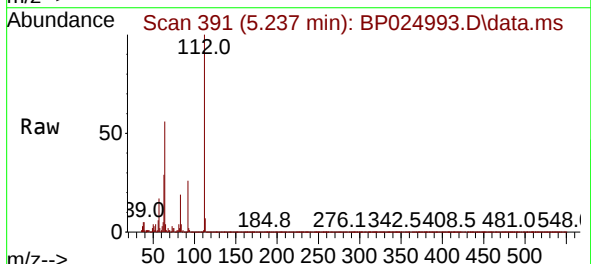
Instrument :
BNA_P
ClientSampleId :
TP-1

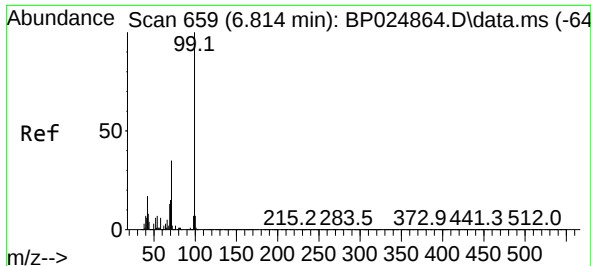
Tgt Ion:152 Resp: 257374
Ion Ratio Lower Upper
152 100
150 156.6 122.1 183.1
115 60.0 46.4 69.6



#5
2-Fluorophenol
Concen: 136.133 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024993.D
Acq: 18 Jun 2025 14:04

Tgt Ion:112 Resp: 2099037
Ion Ratio Lower Upper
112 100
64 55.7 44.7 67.1
63 28.6 23.5 35.3

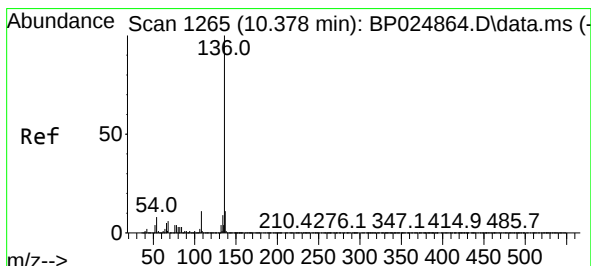
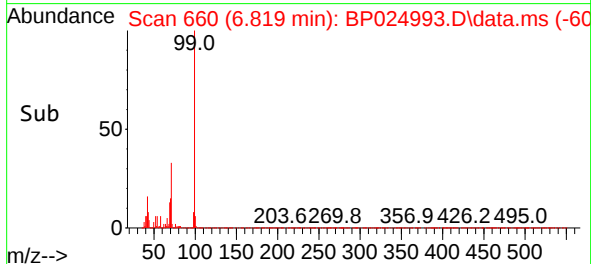
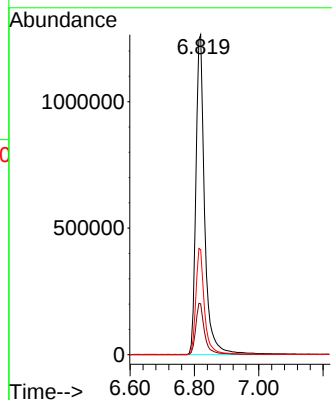
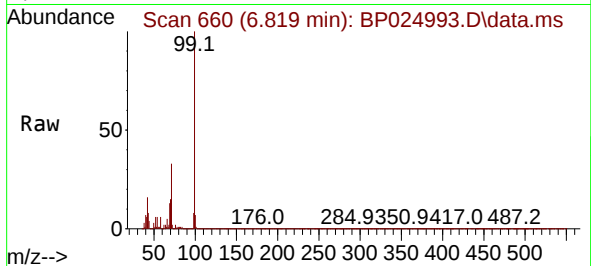




#7
Phenol-d6
Concen: 118.180 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024993.D
Acq: 18 Jun 2025 14:04

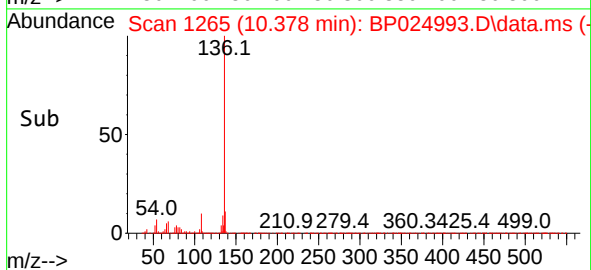
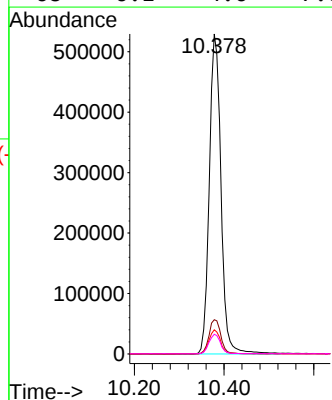
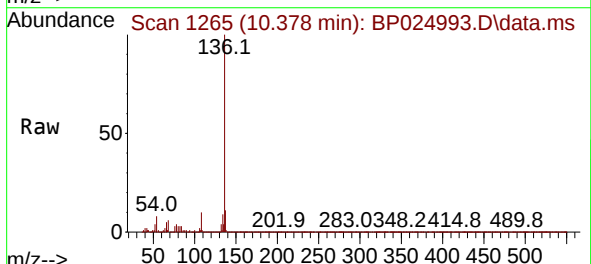
Instrument :
BNA_P
ClientSampleId :
TP-1

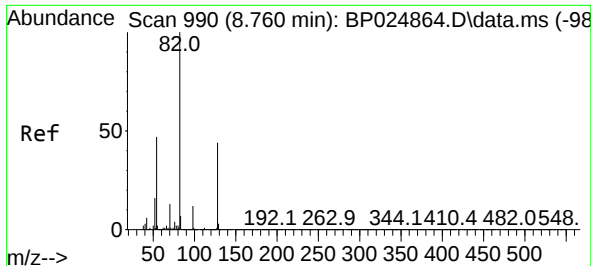
Tgt Ion: 99 Resp: 2410985
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 32.8 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024993.D
Acq: 18 Jun 2025 14:04

Tgt Ion:136 Resp: 954601
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.6 6.1 9.1
68 6.1 4.6 7.0

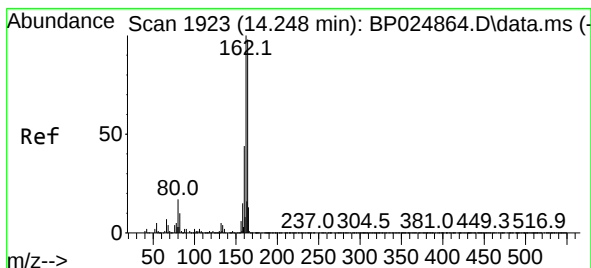
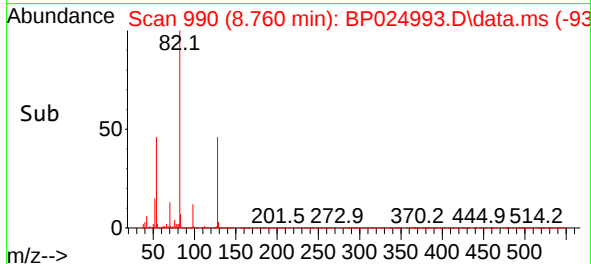
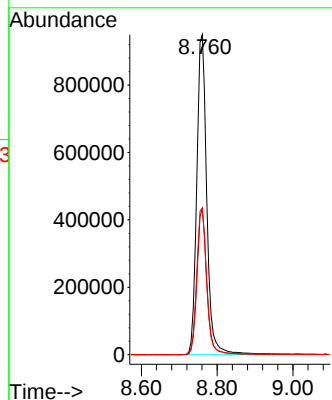
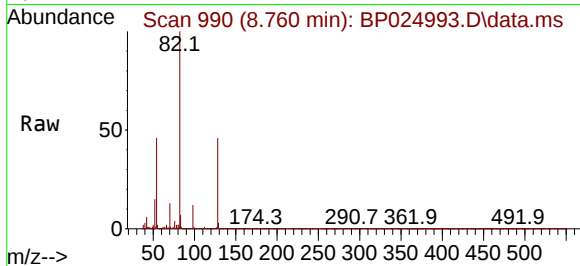




#23
Nitrobenzene-d5
Concen: 89.437 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024993.D
Acq: 18 Jun 2025 14:04

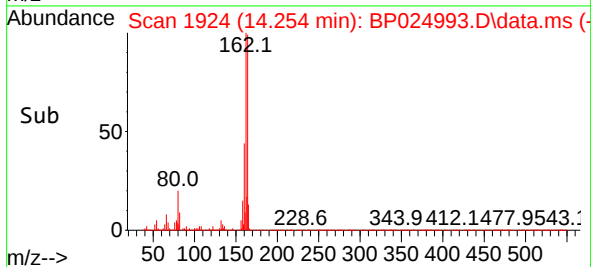
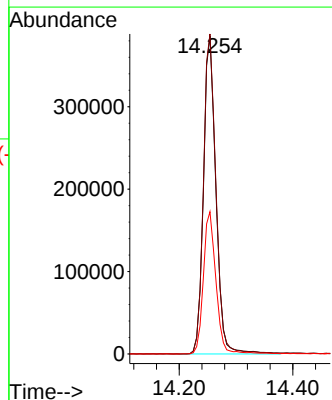
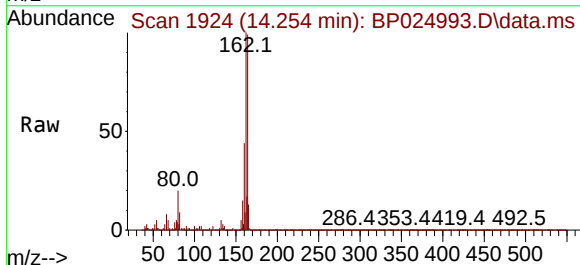
Instrument :
BNA_P
ClientSampleId :
TP-1

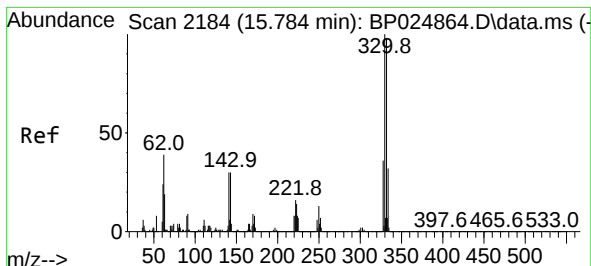
Tgt Ion: 82 Resp: 1756967
Ion Ratio Lower Upper
82 100
128 45.6 35.3 52.9
54 45.8 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024993.D
Acq: 18 Jun 2025 14:04

Tgt Ion:164 Resp: 585367
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 44.8 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 159.297 ng

RT: 15.784 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BP024993.D

Acq: 18 Jun 2025 14:04

Instrument :

BNA_P

ClientSampleId :

TP-1

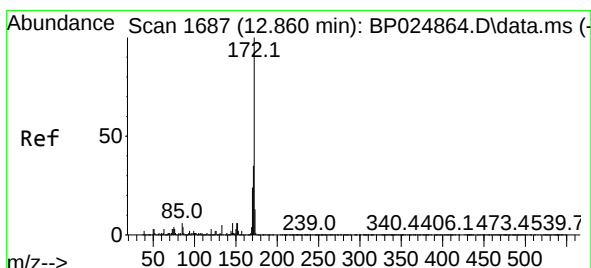
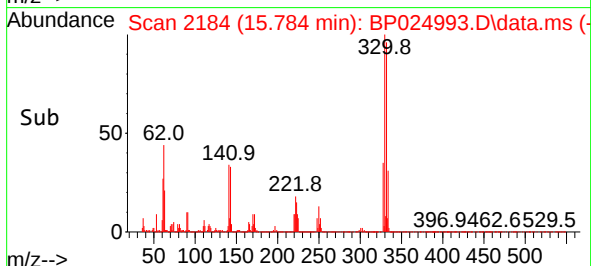
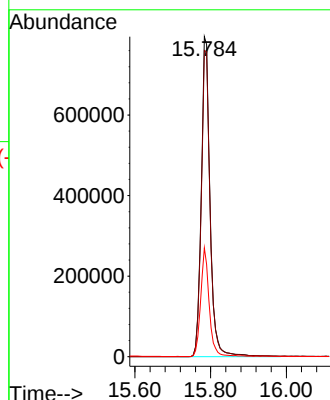
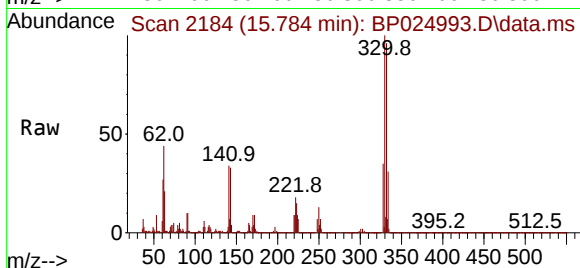
Tgt Ion:330 Resp: 1289196

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 32.9 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 85.526 ng

RT: 12.860 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BP024993.D

Acq: 18 Jun 2025 14:04

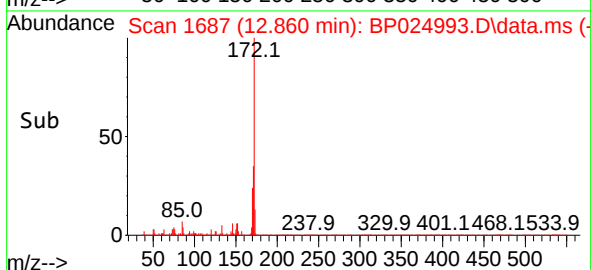
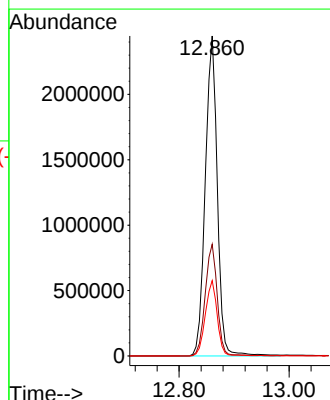
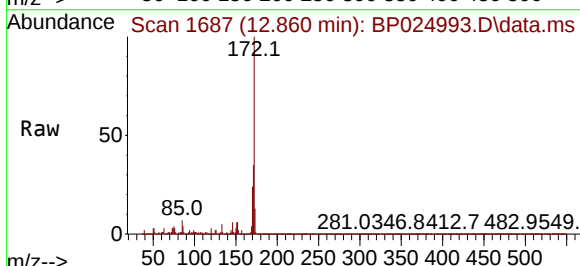
Tgt Ion:172 Resp: 3716364

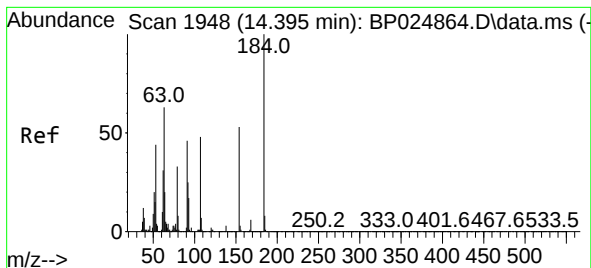
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.597 ng

RT: 14.395 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP024993.D

Acq: 18 Jun 2025 14:04

Instrument :

BNA_P

ClientSampleId :

TP-1

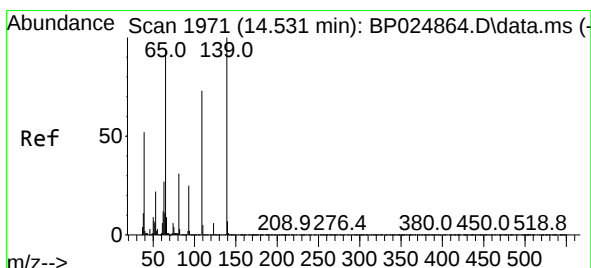
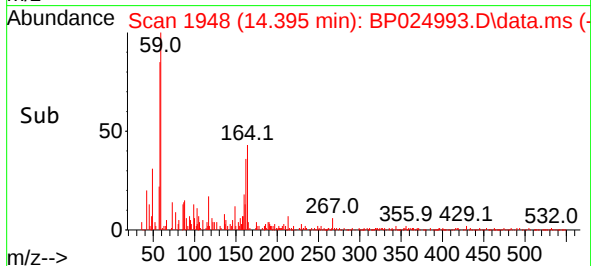
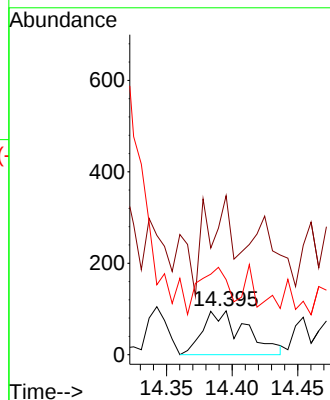
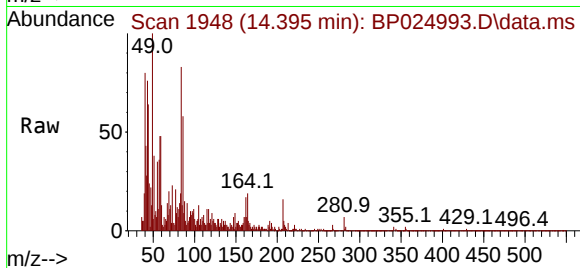
Tgt Ion:184 Resp: 218

Ion Ratio Lower Upper

184 100

63 362.5 51.0 76.4#

154 170.8 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.415 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP024993.D

Acq: 18 Jun 2025 14:04

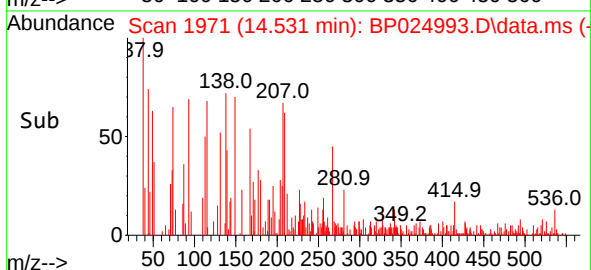
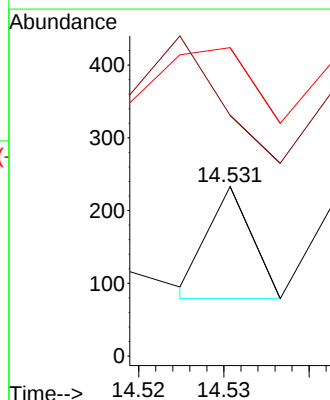
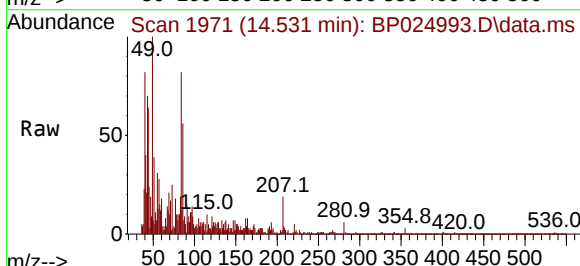
Tgt Ion:139 Resp: 54

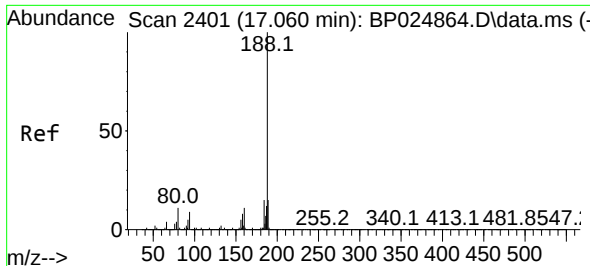
Ion Ratio Lower Upper

139 100

109 142.1 53.1 93.1#

65 182.0 73.0 113.0#

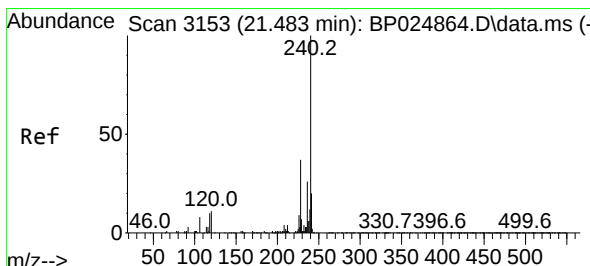
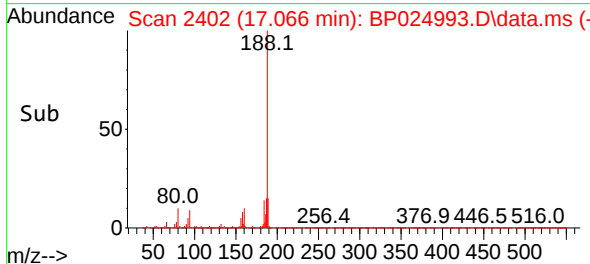
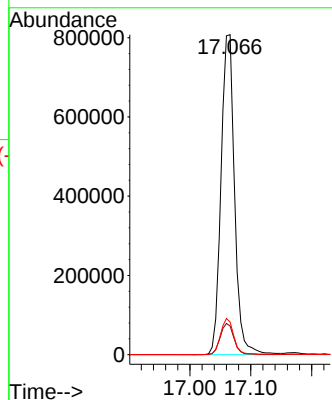
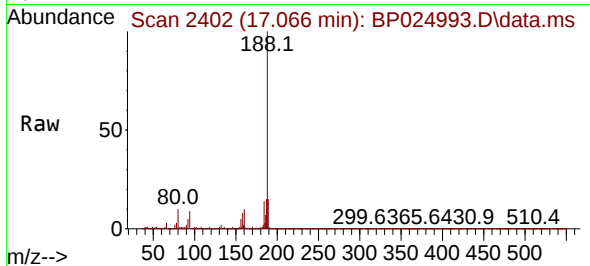




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024993.D
Acq: 18 Jun 2025 14:04

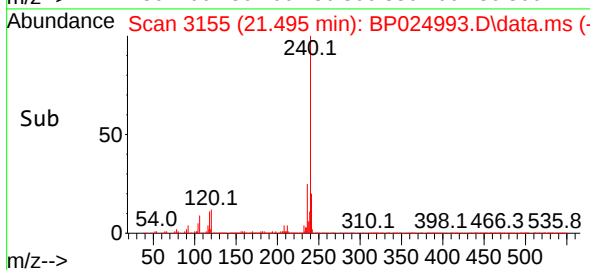
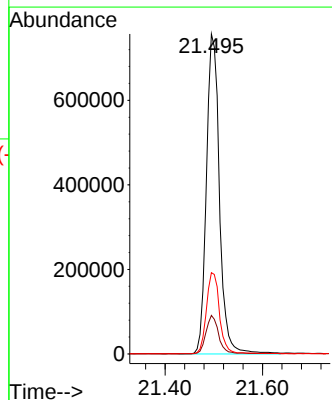
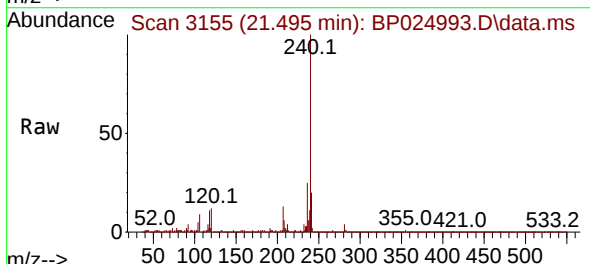
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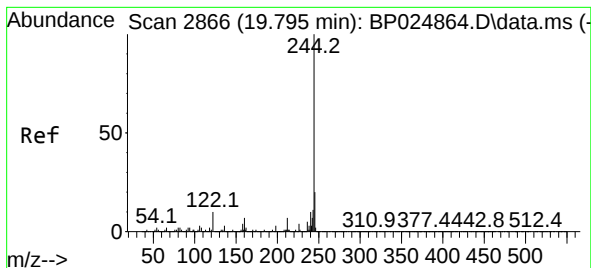
Tgt Ion:188 Resp: 1246989
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 10.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024993.D
Acq: 18 Jun 2025 14:04

Tgt Ion:240 Resp: 1404167
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 88.209 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024993.D

Acq: 18 Jun 2025 14:04

Instrument :

BNA_P

ClientSampleId :

TP-1

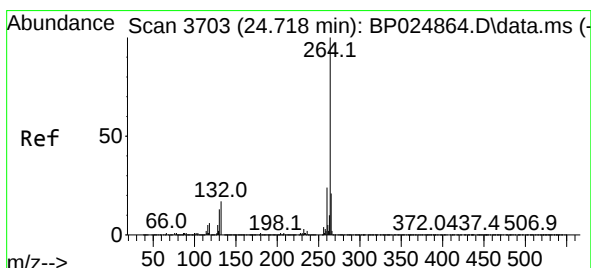
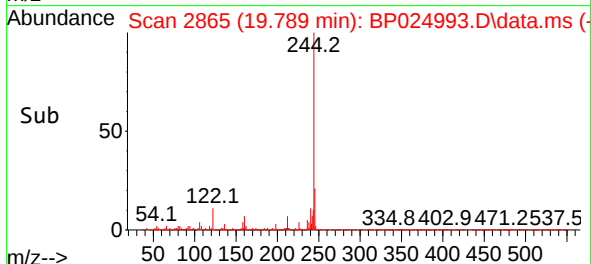
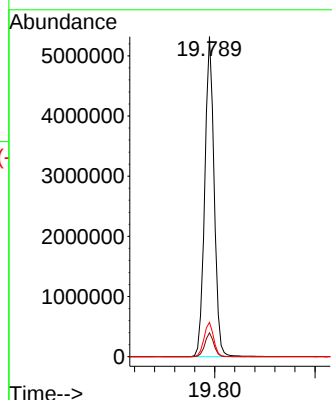
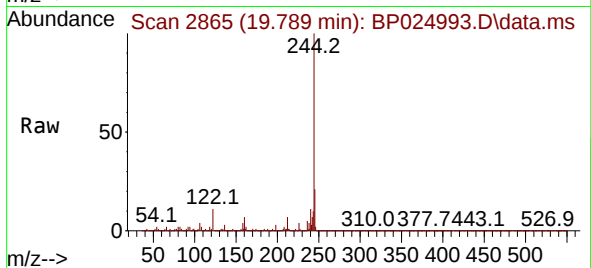
Tgt Ion:244 Resp: 6910861

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 10.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP024993.D

Acq: 18 Jun 2025 14:04

Tgt Ion:264 Resp: 1561156

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.9 17.4 26.0

