

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
 Data File : BP024972.D
 Acq On : 17 Jun 2025 12:35
 Operator : RC/JU
 Sample : PB168486BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168486BL

Quant Time: Jun 17 19:13:41 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)

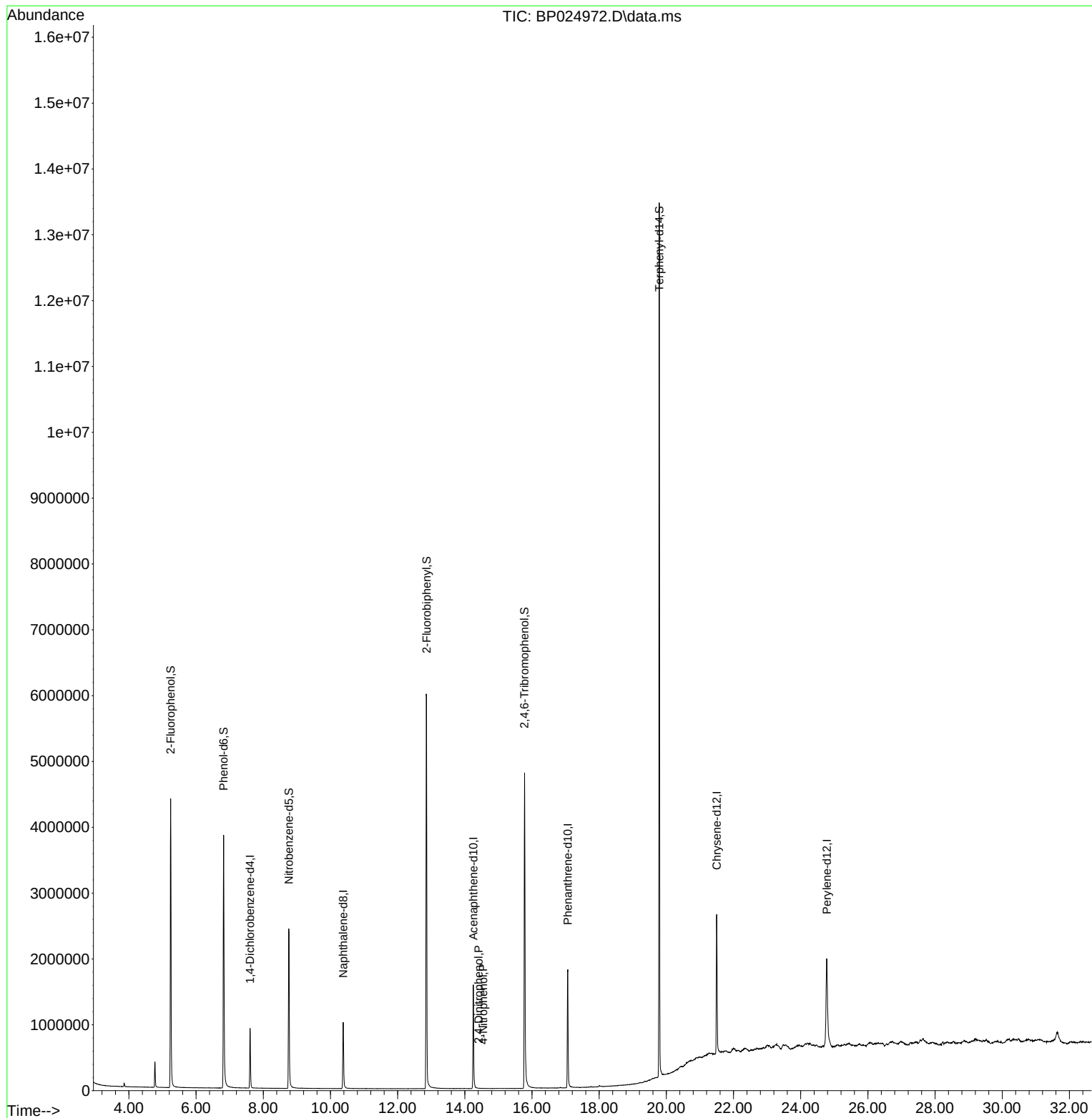
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	254665	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	949764	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	603869	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1228119	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1347648	20.000	ng	0.02
86) Perylene-d12	24.777	264	1517981	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2105276	137.990	ng	0.00
7) Phenol-d6	6.819	99	2538484	125.754	ng	0.00
23) Nitrobenzene-d5	8.760	82	1569428	80.297	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1180378	141.383	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3490630	77.870	ng	0.00
79) Terphenyl-d14	19.789	244	6202071	82.482	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.413	184	20	5.566	ng	# 1
56) 4-Nitrophenol	14.548	139	23	5.412	ng	# 1

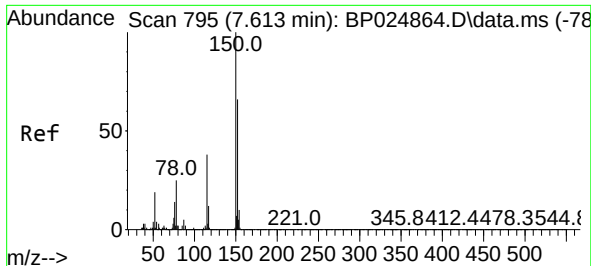
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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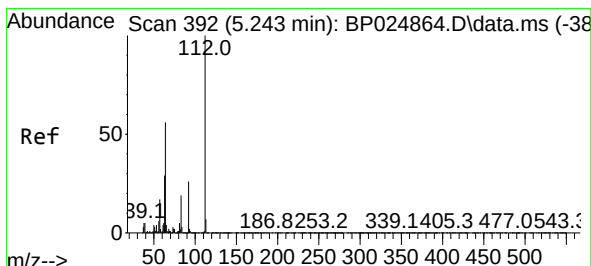
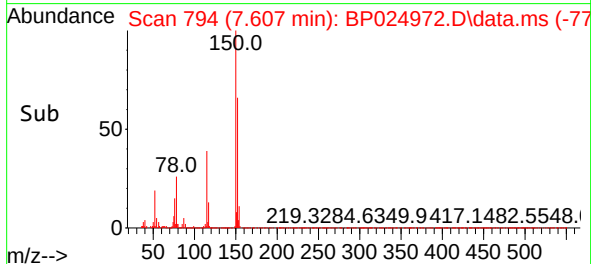
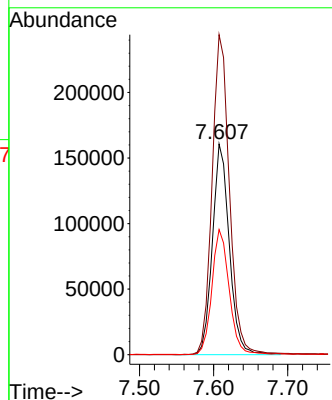
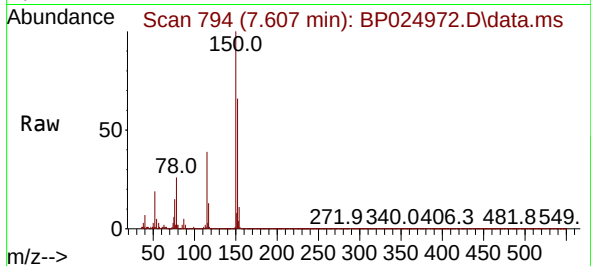




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.607 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024972.D
 Acq: 17 Jun 2025 12:35

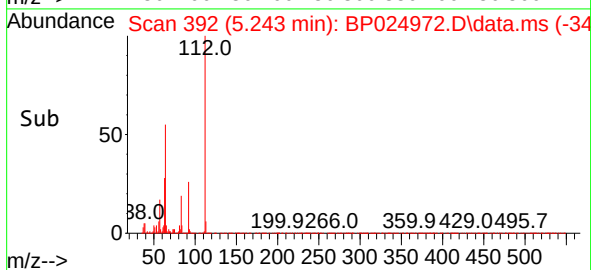
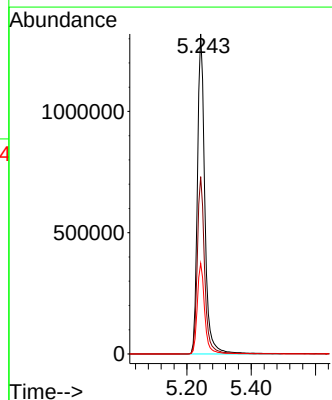
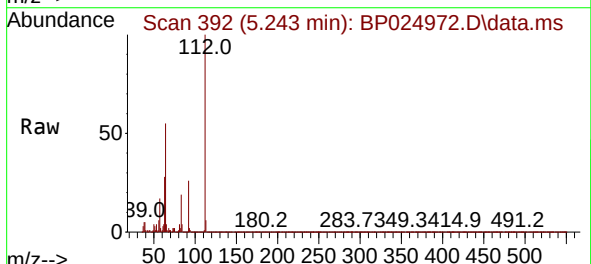
Instrument :
 BNA_P
 ClientSampleId :
 PB168486BL

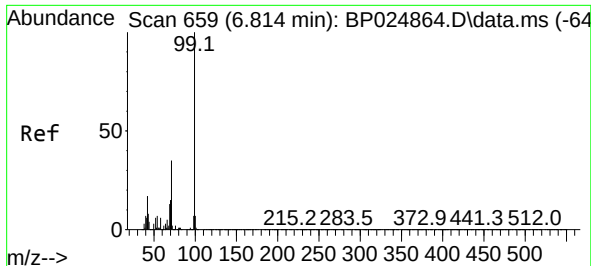
Tgt Ion:152 Resp: 254665
 Ion Ratio Lower Upper
 152 100
 150 151.8 122.1 183.1
 115 59.4 46.4 69.6



#5
 2-Fluorophenol
 Concen: 137.990 ng
 RT: 5.243 min Scan# 392
 Delta R.T. -0.000 min
 Lab File: BP024972.D
 Acq: 17 Jun 2025 12:35

Tgt Ion:112 Resp: 2105276
 Ion Ratio Lower Upper
 112 100
 64 55.4 44.7 67.1
 63 28.3 23.5 35.3

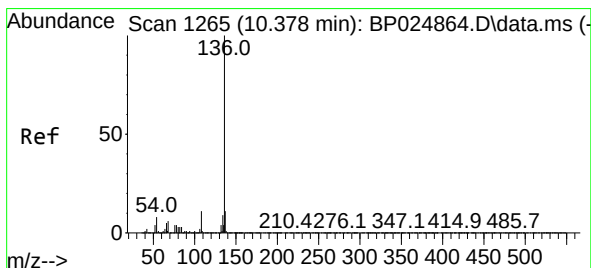
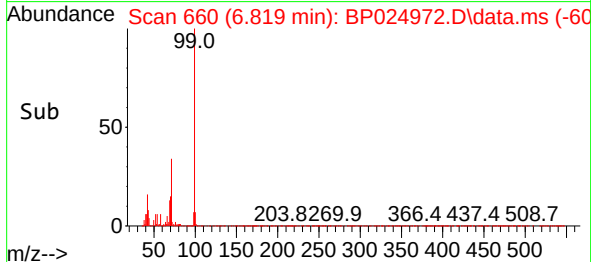
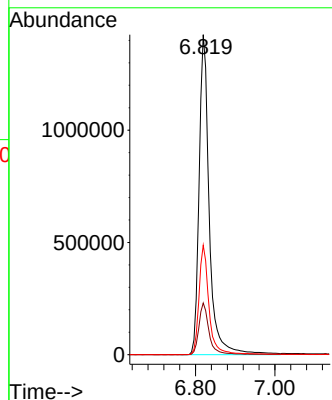
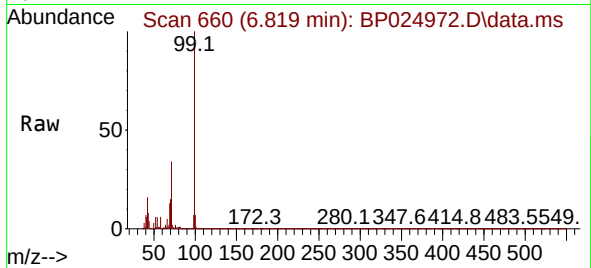




#7
Phenol-d6
Concen: 125.754 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024972.D
Acq: 17 Jun 2025 12:35

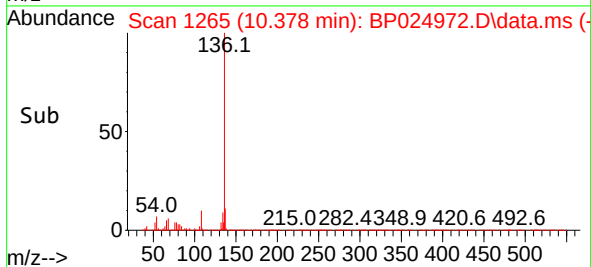
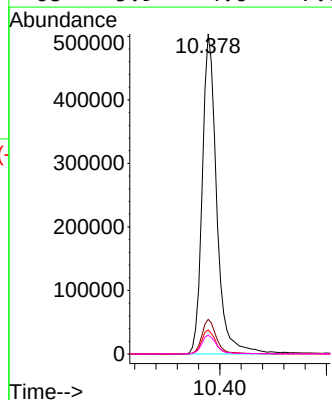
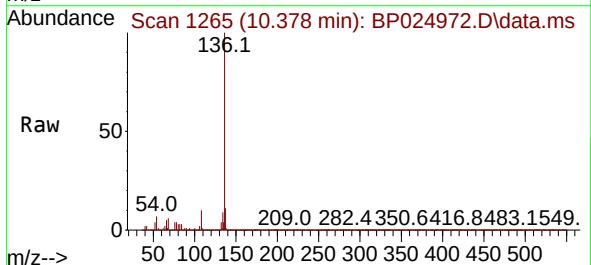
Instrument :
BNA_P
ClientSampleId :
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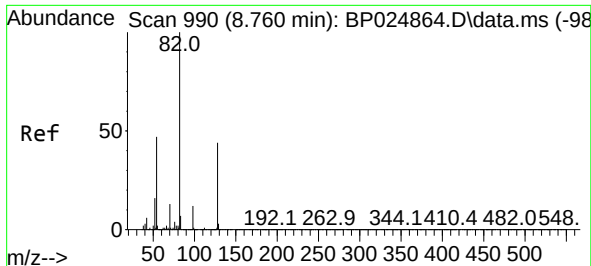
Tgt Ion: 99 Resp: 2538484
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 34.2 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024972.D
Acq: 17 Jun 2025 12:35

Tgt Ion:136 Resp: 949764
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 6.1 9.1
68 5.9 4.6 7.0

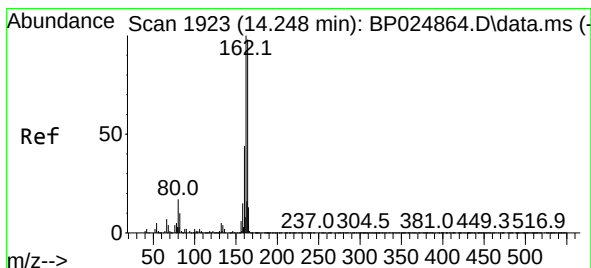
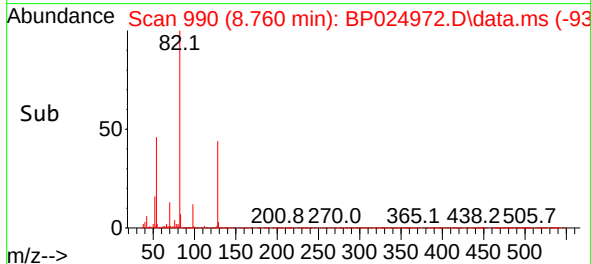
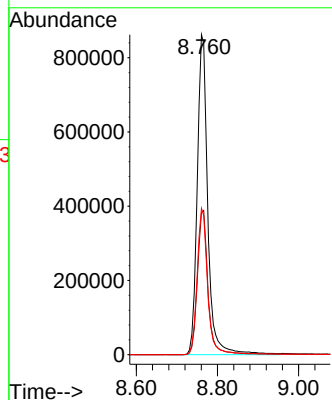
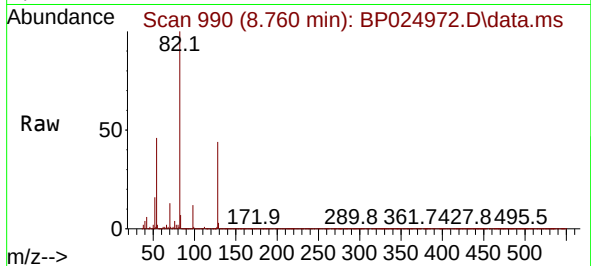




#23
Nitrobenzene-d5
Concen: 80.297 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024972.D
Acq: 17 Jun 2025 12:35

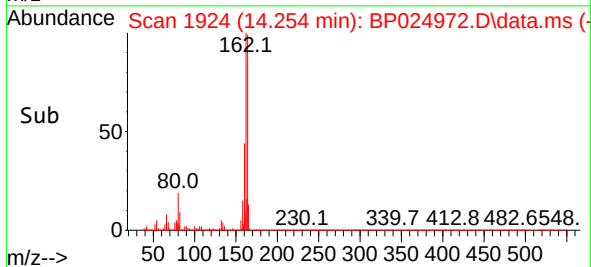
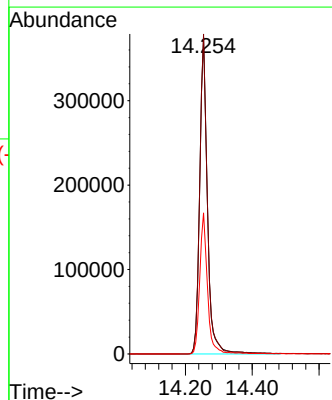
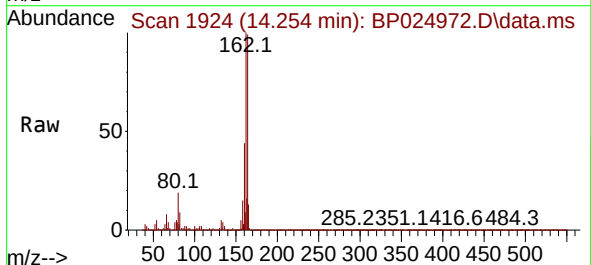
Instrument :
BNA_P
ClientSampleId :
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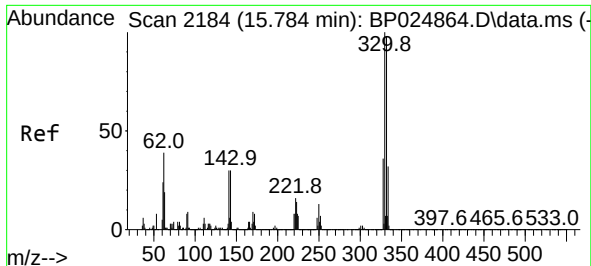
Tgt Ion: 82 Resp: 1569428
Ion Ratio Lower Upper
82 100
128 44.4 35.3 52.9
54 45.7 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024972.D
Acq: 17 Jun 2025 12:35

Tgt Ion:164 Resp: 603869
Ion Ratio Lower Upper
164 100
162 100.9 81.6 122.4
160 44.5 36.2 54.2

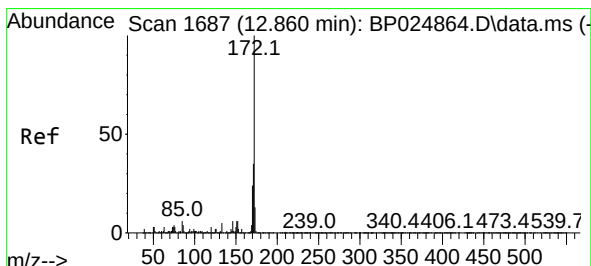
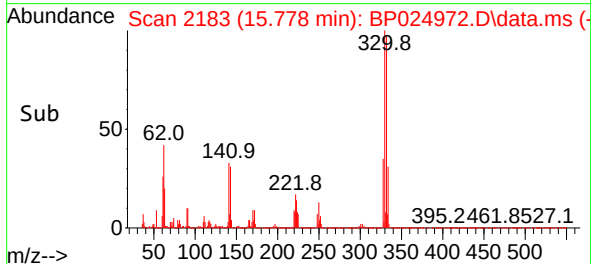
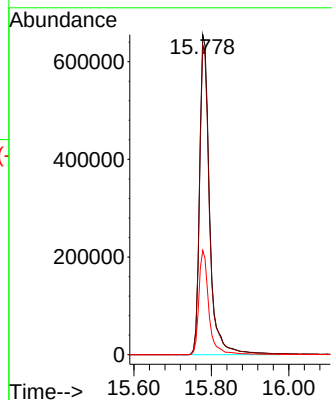
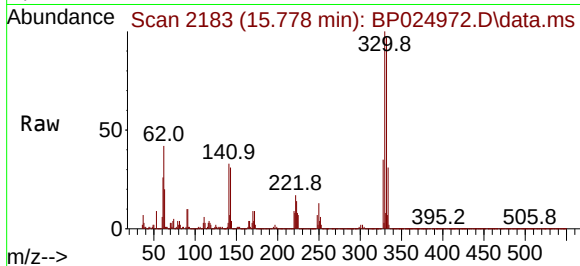




#42
2,4,6-Tribromophenol
Concen: 141.383 ng
RT: 15.778 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BP024972.D
Acq: 17 Jun 2025 12:35

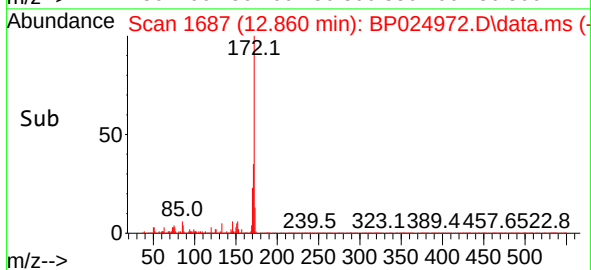
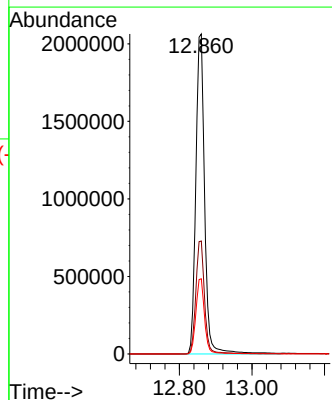
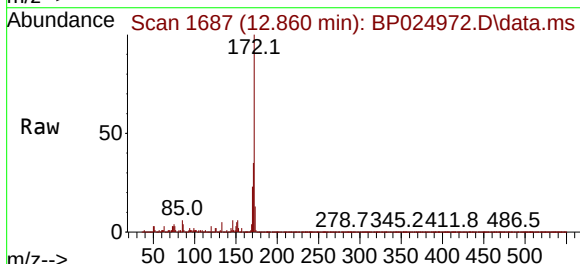
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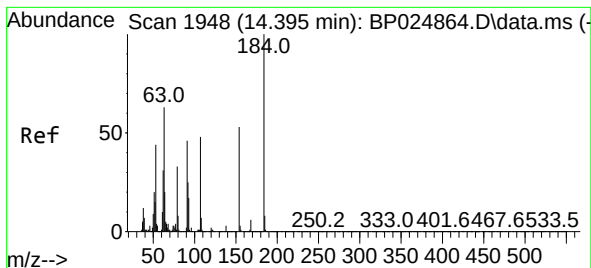
Tgt Ion:330 Resp: 1180378
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 32.2 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 77.870 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024972.D
Acq: 17 Jun 2025 12:35

Tgt Ion:172 Resp: 3490630
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.4

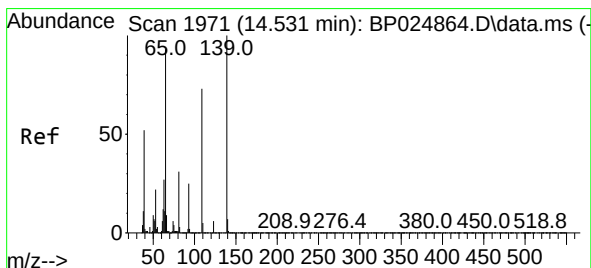
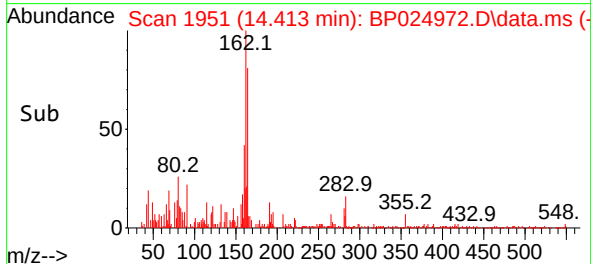
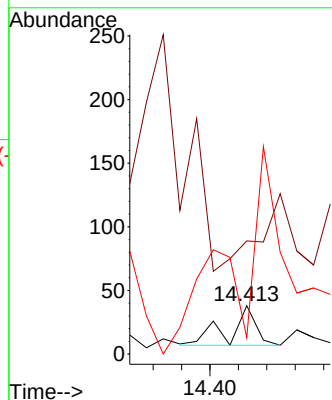
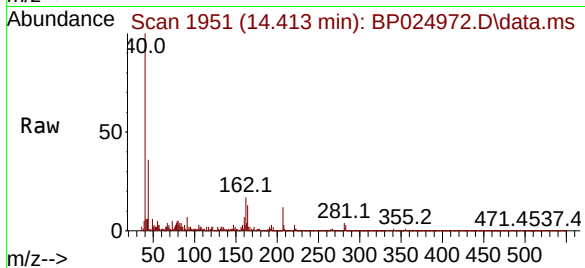




#54
2,4-Dinitrophenol
Concen: 5.566 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP024972.D
Acq: 17 Jun 2025 12:35

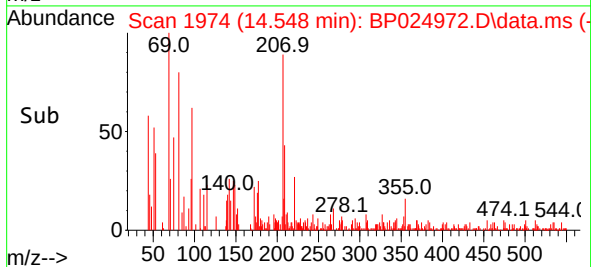
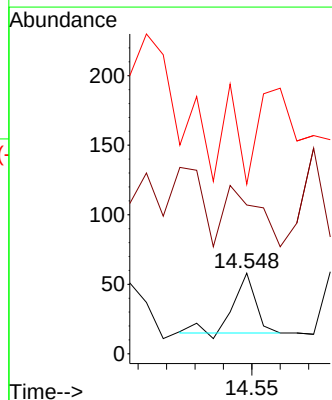
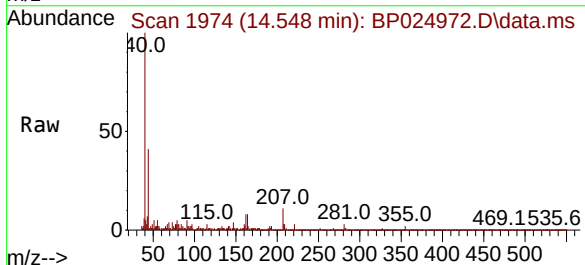
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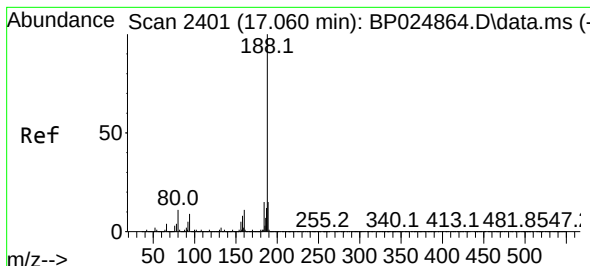
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 294.7 51.0 76.4#
154 34.2 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.412 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024972.D
Acq: 17 Jun 2025 12:35

Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 184.5 53.1 93.1#
65 210.3 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: BP024972.D

Acq: 17 Jun 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB168486BL

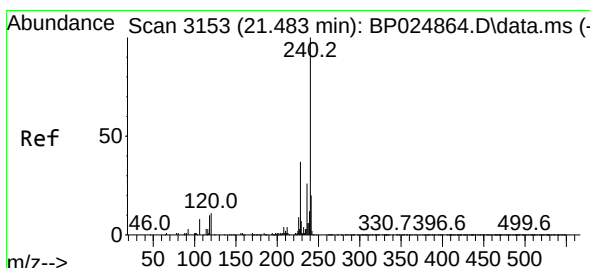
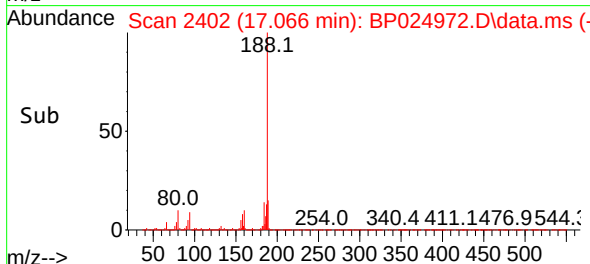
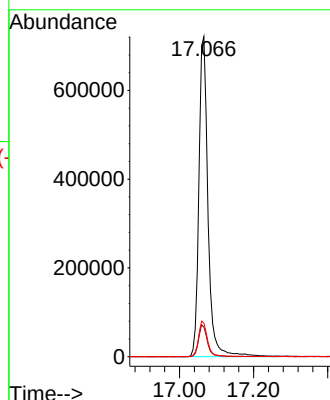
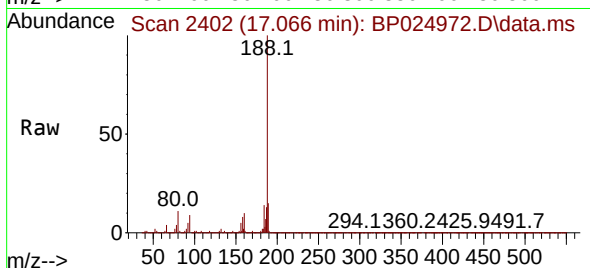
Tgt Ion:188 Resp: 1228119

Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

80 10.5 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan# 3156

Delta R.T. 0.017 min

Lab File: BP024972.D

Acq: 17 Jun 2025 12:35

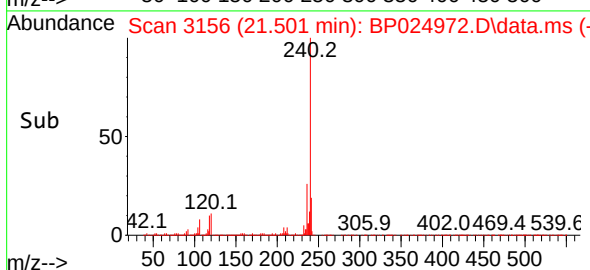
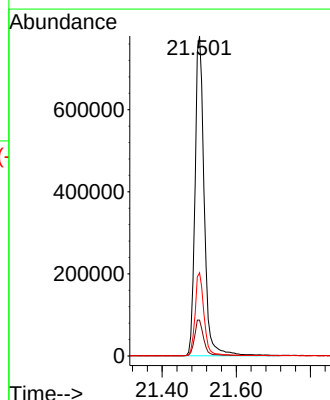
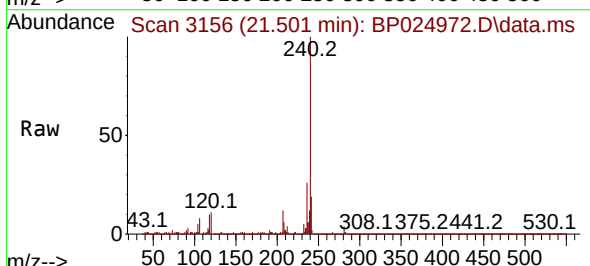
Tgt Ion:240 Resp: 1347648

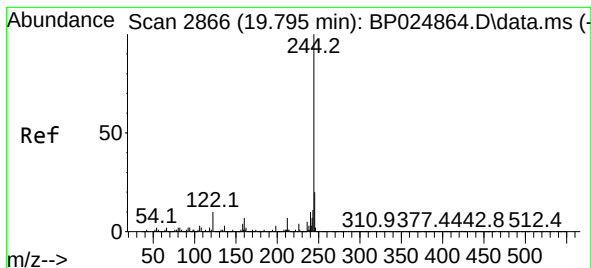
Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 82.482 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024972.D

Acq: 17 Jun 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB168486BL

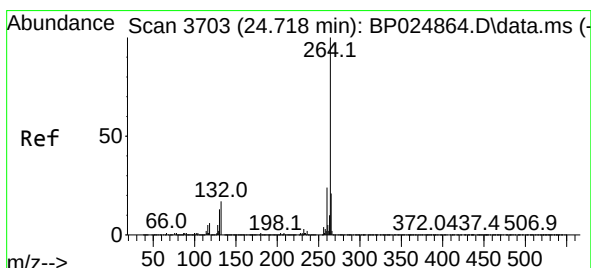
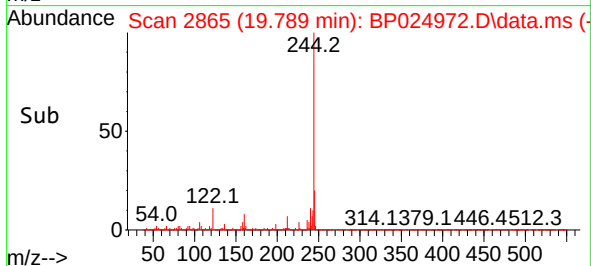
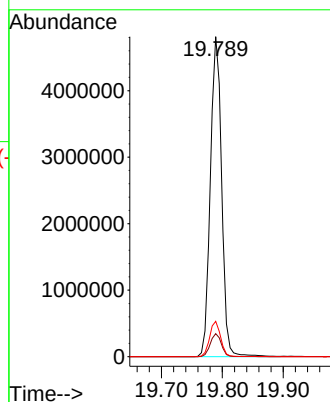
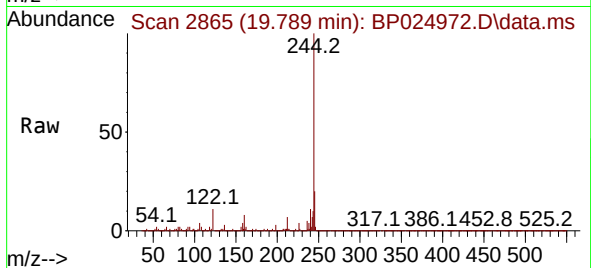
Tgt Ion:244 Resp: 6202071

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.1 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.777 min Scan# 3713

Delta R.T. 0.059 min

Lab File: BP024972.D

Acq: 17 Jun 2025 12:35

Tgt Ion:264 Resp: 1517981

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.0 17.4 26.0

