

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
 Data File : BP024924.D
 Acq On : 12 Jun 2025 10:58
 Operator : RC/JU
 Sample : PB168373BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168373BL

Quant Time: Jun 12 12:17:45 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)

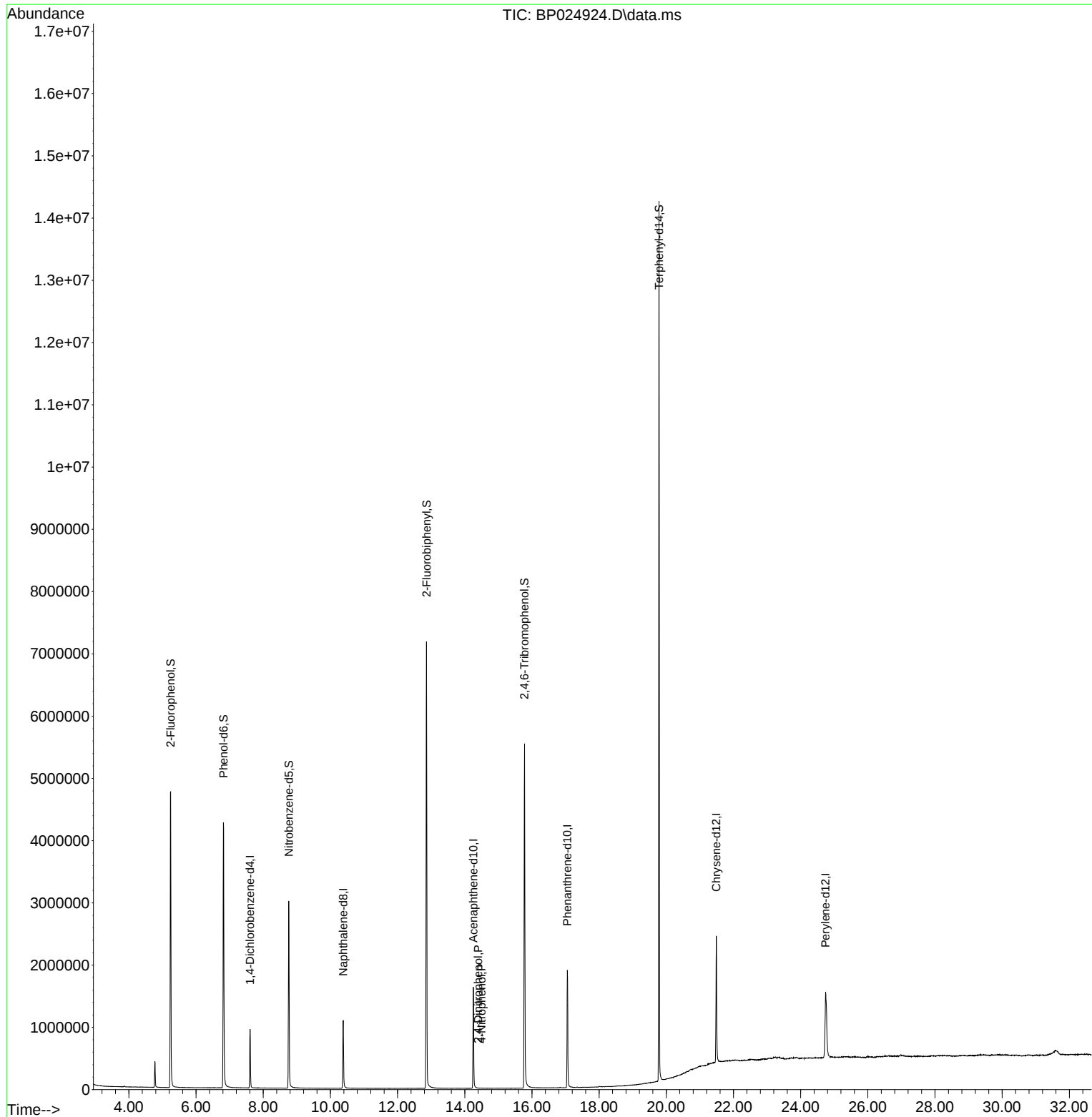
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	254605	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	963316	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	612385	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1223207	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1214327	20.000	ng	0.00
86) Perylene-d12	24.742	264	1375075	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2217895	145.406	ng	0.00
7) Phenol-d6	6.813	99	2734466	135.494	ng	0.00
23) Nitrobenzene-d5	8.760	82	1706297	86.072	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1260565	148.888	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3799303	83.577	ng	0.00
79) Terphenyl-d14	19.783	244	6070544	89.596	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.395	184	78	5.575	ng	# 29
56) 4-Nitrophenol	14.501	139	78	5.418	ng	# 58

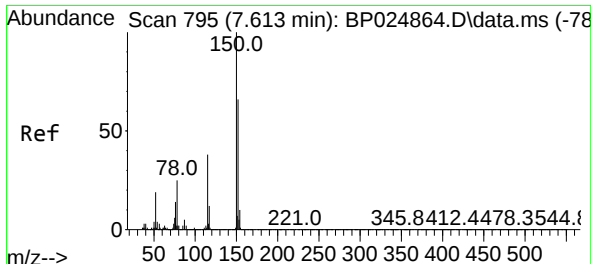
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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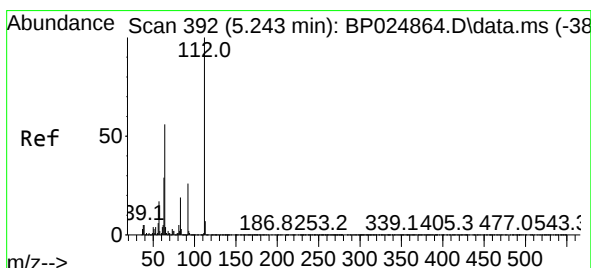
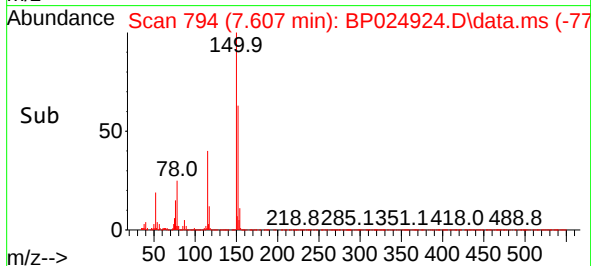
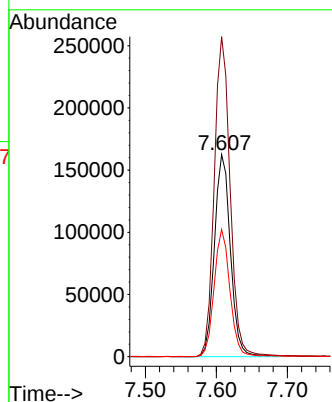
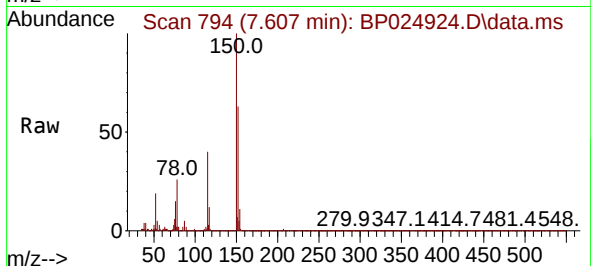




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

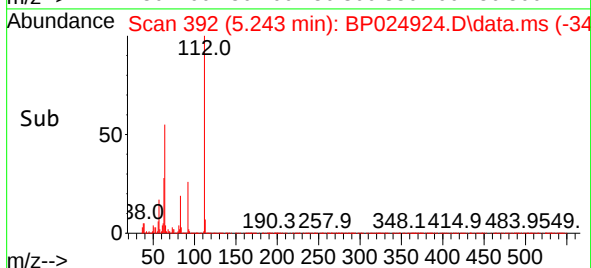
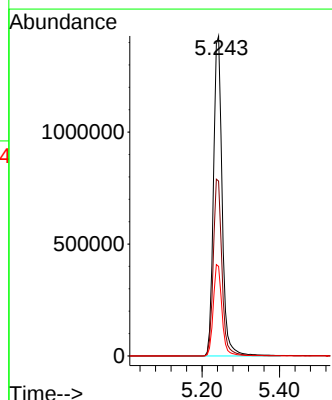
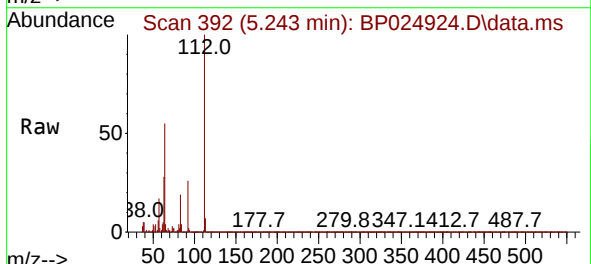
Instrument :
BNA_P
ClientSampleId :
PB168373BL

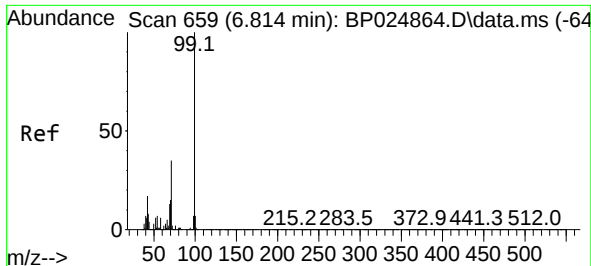
Tgt Ion:152 Resp: 254605
Ion Ratio Lower Upper
152 100
150 158.3 122.1 183.1
115 62.9 46.4 69.6



#5
2-Fluorophenol
Concen: 145.406 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

Tgt Ion:112 Resp: 2217895
Ion Ratio Lower Upper
112 100
64 54.7 44.7 67.1
63 28.0 23.5 35.3



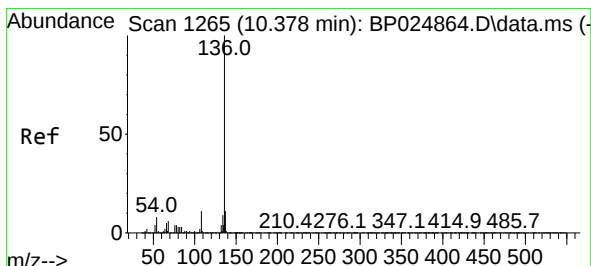
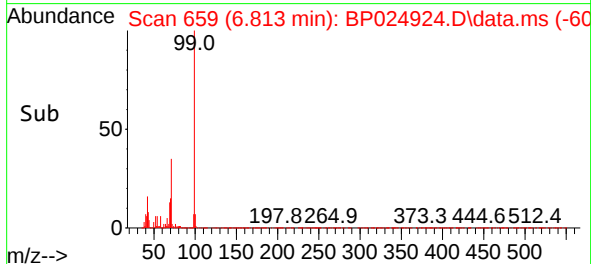
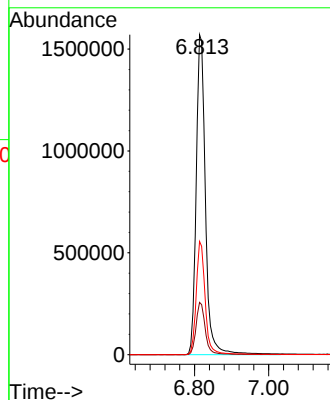
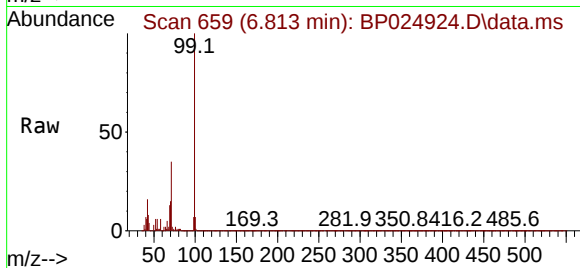


#7
Phenol-d6
Concen: 135.494 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168373BL

Tgt Ion: 99 Resp: 2734466

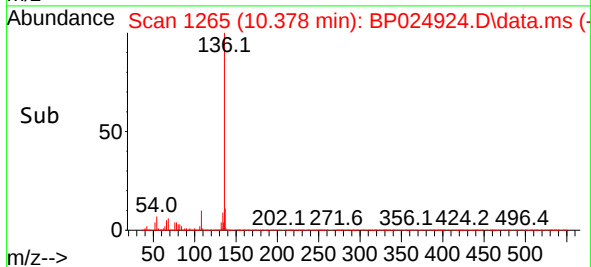
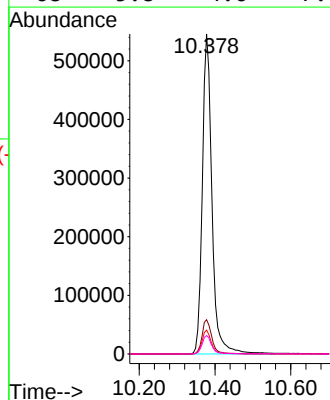
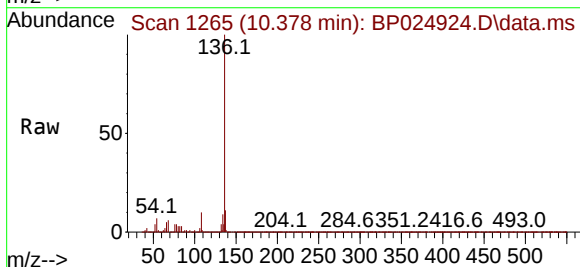
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	35.4	27.6	41.4

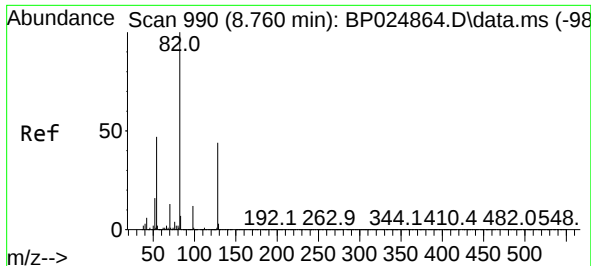


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

Tgt Ion: 136 Resp: 963316

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.1	9.1
68	5.8	4.6	7.0

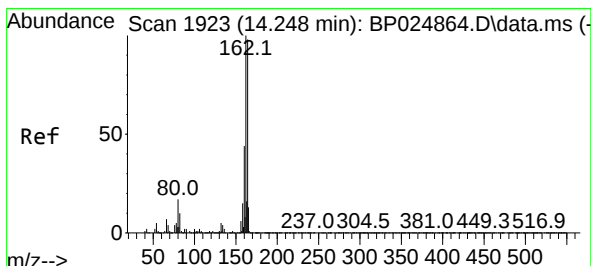
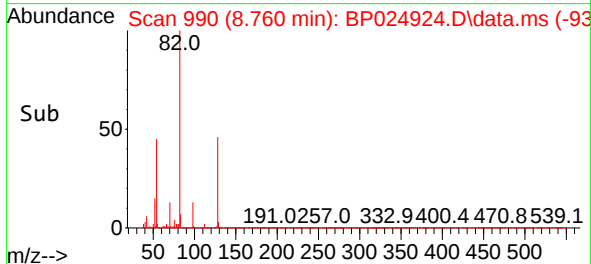
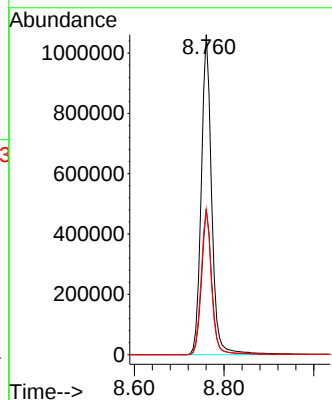
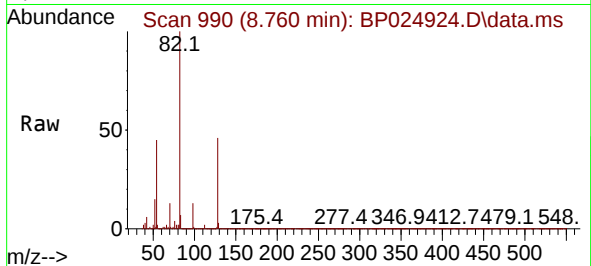




#23
Nitrobenzene-d5
Concen: 86.072 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

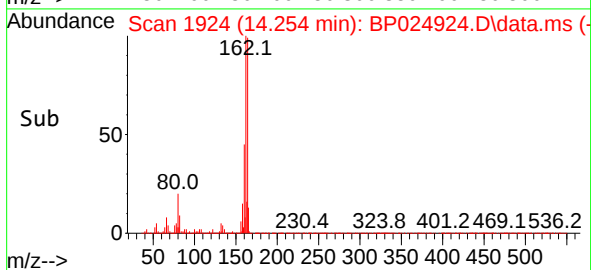
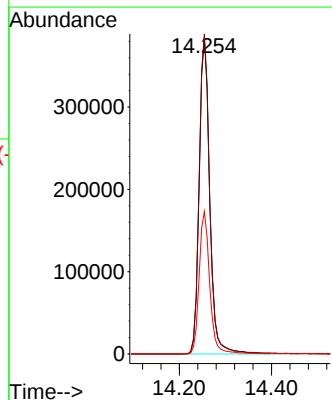
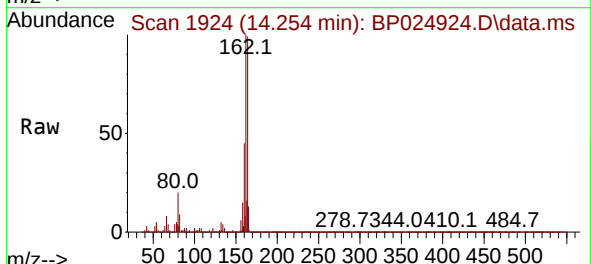
Instrument :
BNA_P
ClientSampleId :
PB168373BL

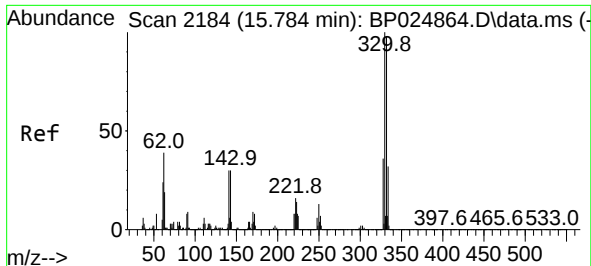
Tgt Ion: 82 Resp: 1706297
Ion Ratio Lower Upper
82 100
128 45.5 35.3 52.9
54 45.4 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

Tgt Ion:164 Resp: 612385
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 45.1 36.2 54.2

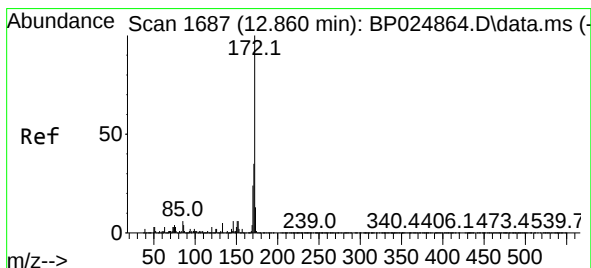
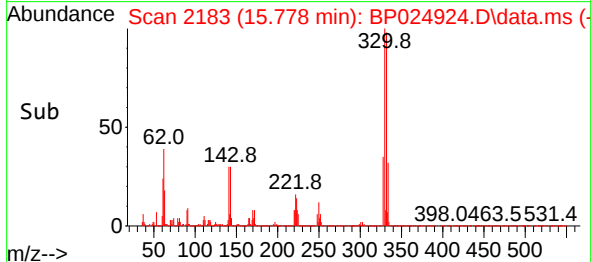
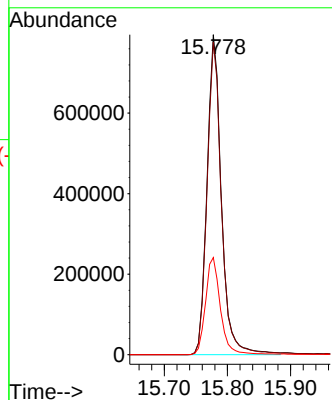
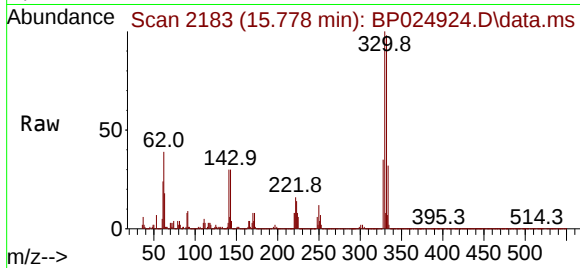




#42
2,4,6-Tribromophenol
Concen: 148.888 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

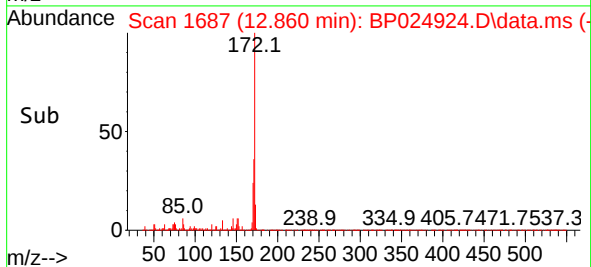
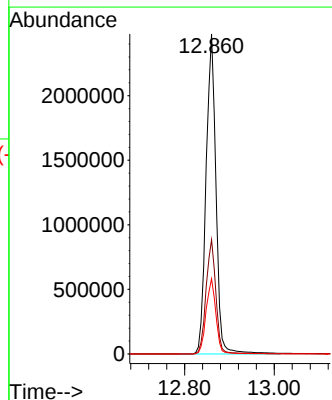
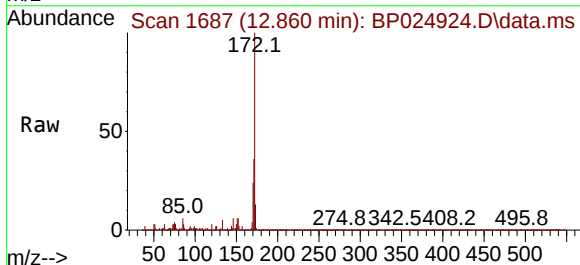
Instrument :
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ClientSampleId :
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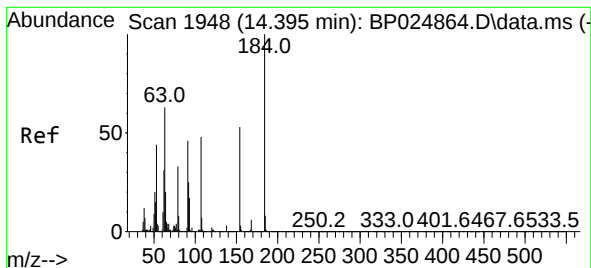
Tgt Ion:330 Resp: 1260565
Ion Ratio Lower Upper
330 100
332 98.2 77.7 116.5
141 31.7 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 83.577 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

Tgt Ion:172 Resp: 3799303
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 19.0 28.4

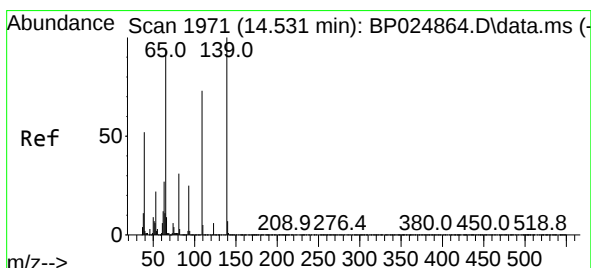
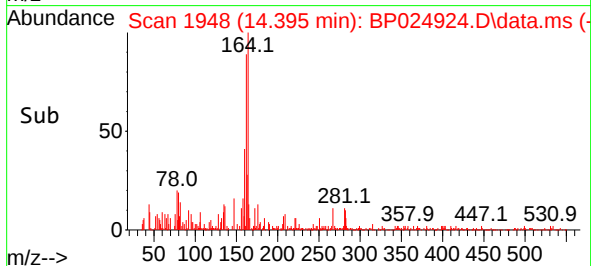
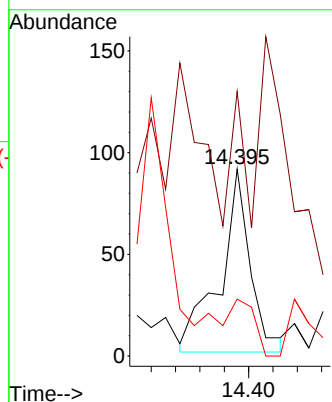
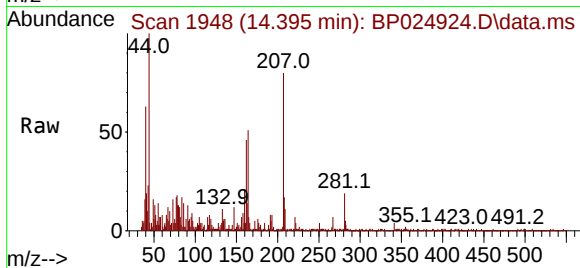




#54
2,4-Dinitrophenol
Concen: 5.575 ng
RT: 14.395 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

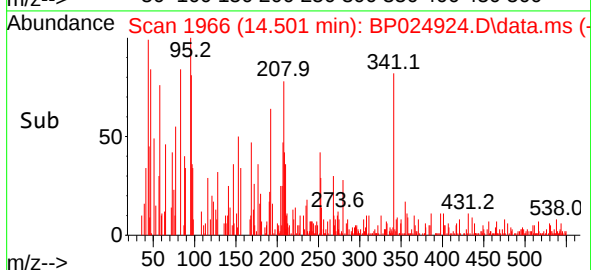
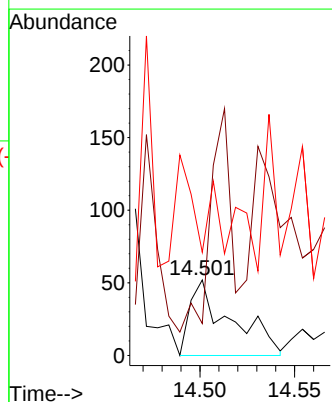
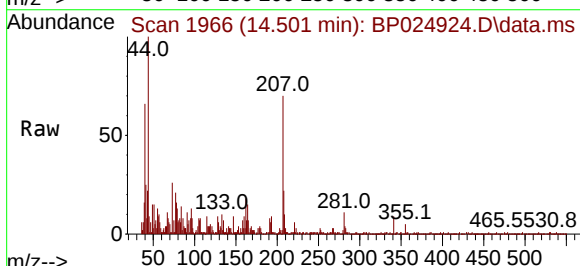
Instrument :
BNA_P
ClientSampleId :
PB168373BL

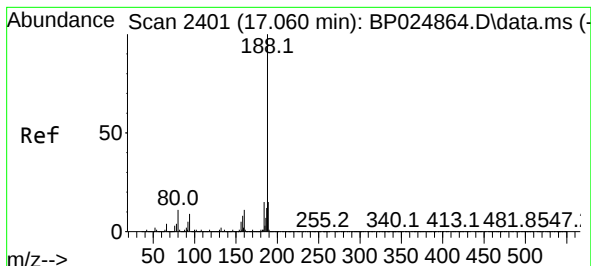
Tgt Ion:184 Resp: 78
Ion Ratio Lower Upper
184 100
63 141.3 51.0 76.4#
154 30.4 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.418 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.030 min
Lab File: BP024924.D
Acq: 12 Jun 2025 10:58

Tgt Ion:139 Resp: 78
Ion Ratio Lower Upper
139 100
109 42.3 53.1 93.1#
65 136.5 73.0 113.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.054 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BP024924.D

Acq: 12 Jun 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168373BL

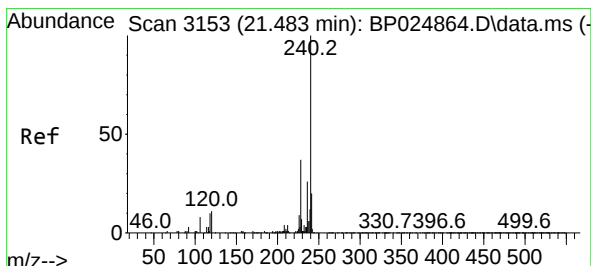
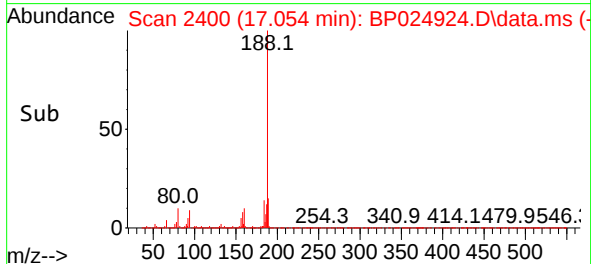
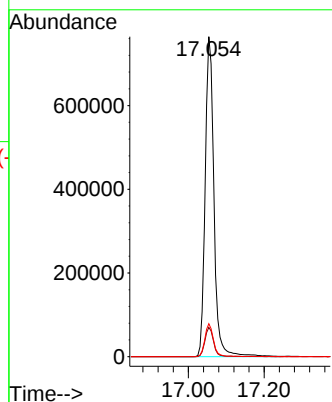
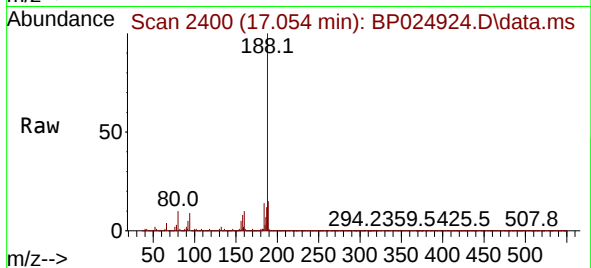
Tgt Ion:188 Resp: 1223207

Ion Ratio Lower Upper

188 100

94 9.2 7.3 10.9

80 10.3 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP024924.D

Acq: 12 Jun 2025 10:58

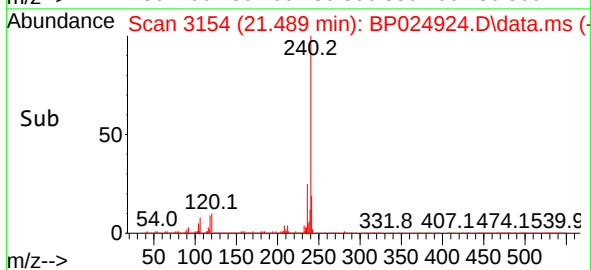
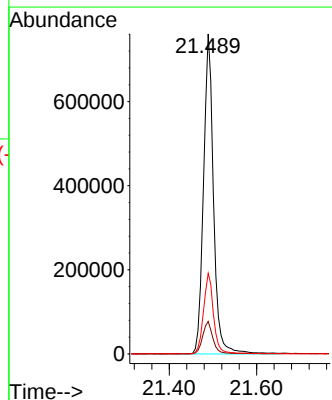
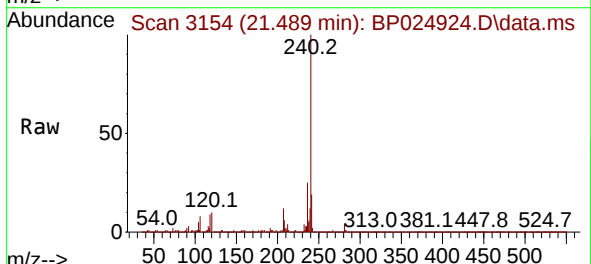
Tgt Ion:240 Resp: 1214327

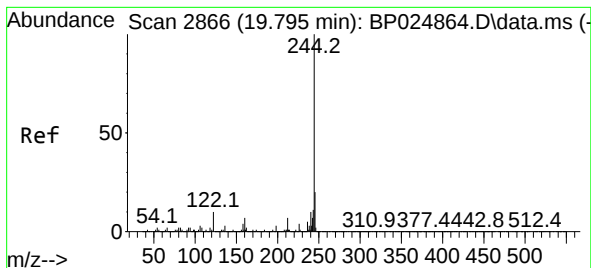
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 89.596 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024924.D

Acq: 12 Jun 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168373BL

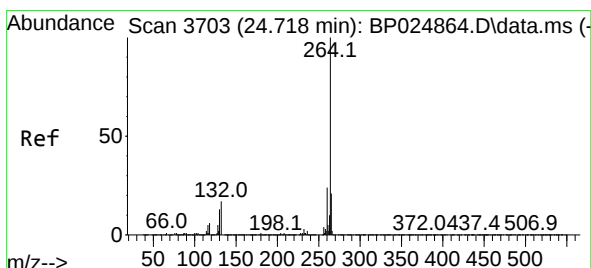
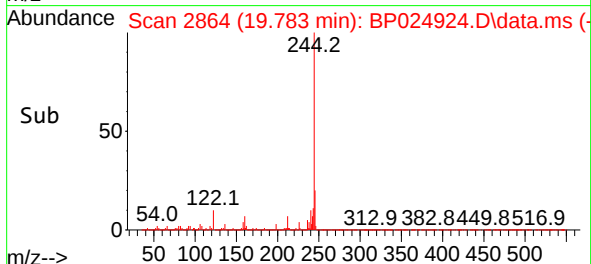
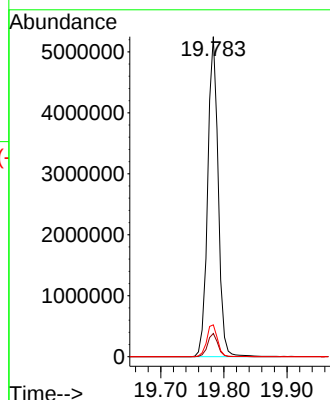
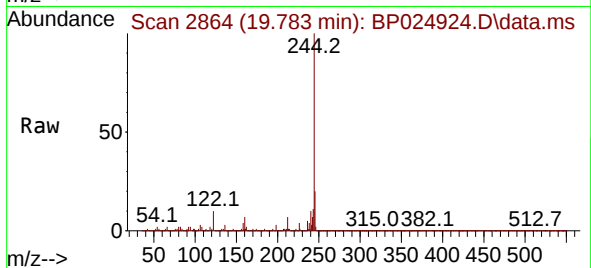
Tgt Ion:244 Resp: 6070544

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.742 min Scan# 3707

Delta R.T. 0.023 min

Lab File: BP024924.D

Acq: 12 Jun 2025 10:58

Tgt Ion:264 Resp: 1375075

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.8 17.4 26.0

