

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024869.D
 Acq On : 06 Jun 2025 17:50
 Operator : RC/JU
 Sample : PB168259BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168259BL

Quant Time: Jun 06 18:10:20 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)

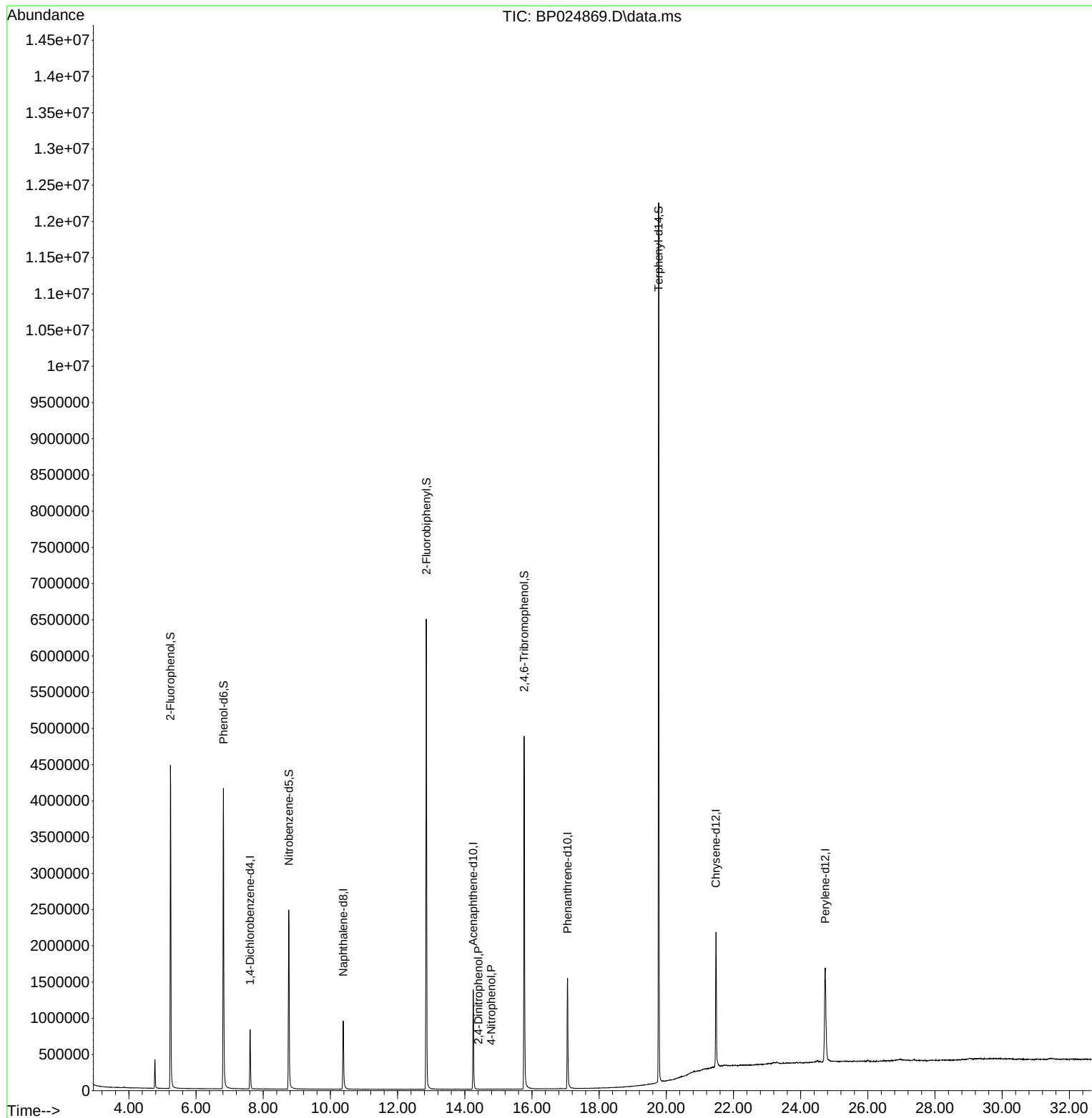
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	238156	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	903930	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	542748	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1071759	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1228490	20.000	ng	0.00
86) Perylene-d12	24.730	264	1511415	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2019699	141.558	ng	0.00
7) Phenol-d6	6.813	99	2485312	131.654	ng	0.00
23) Nitrobenzene-d5	8.760	82	1566171	84.193	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1029845	137.243	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	3415232	84.767	ng	0.00
79) Terphenyl-d14	19.772	244	5665509	82.654	ng	-0.02
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.407	184	13	5.566	ng	# 1
56) 4-Nitrophenol	14.789	139	43	5.414	ng	91

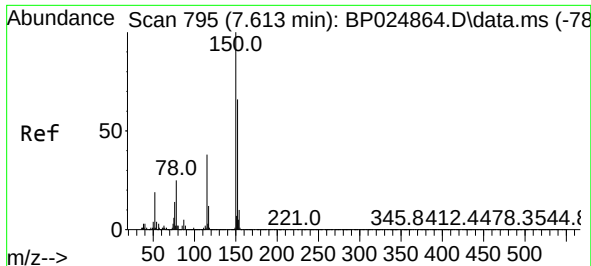
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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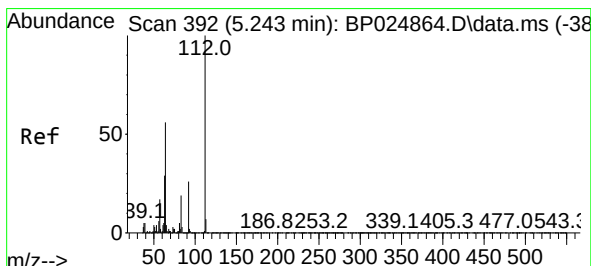
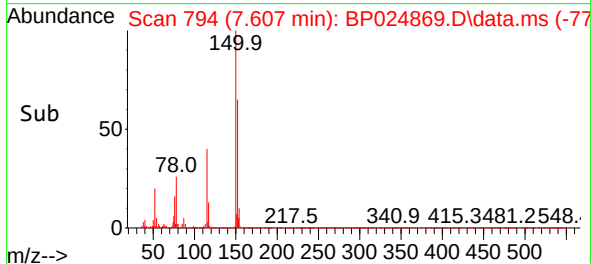
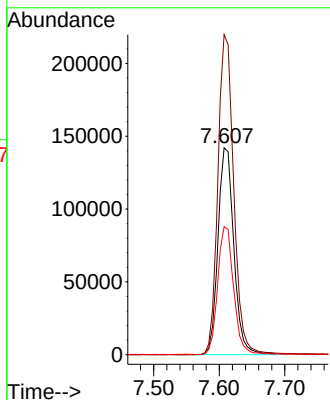
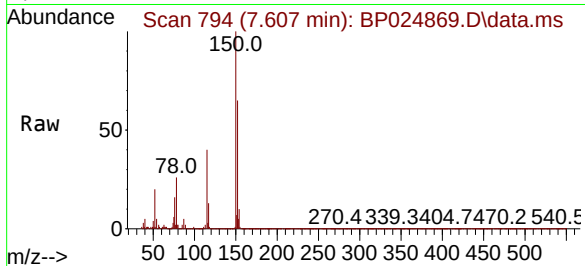




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

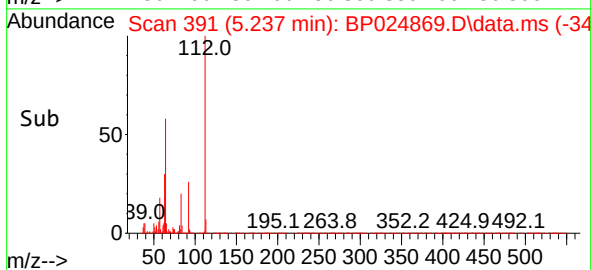
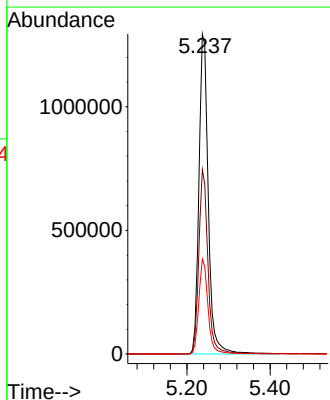
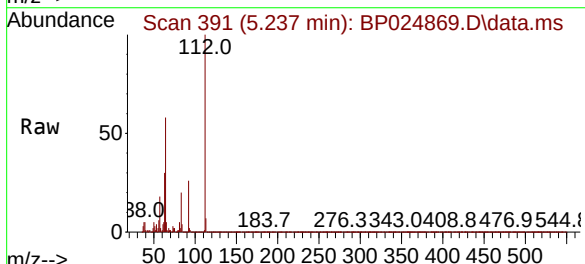
Instrument :
BNA_P
ClientSampleId :
PB168259BL

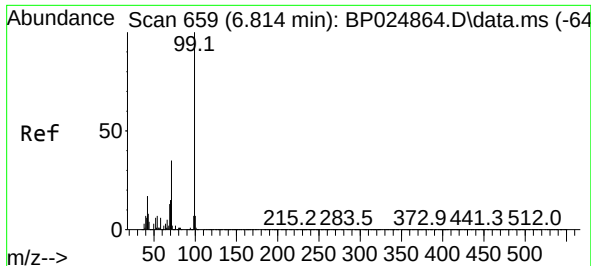
Tgt Ion:152 Resp: 238156
Ion Ratio Lower Upper
152 100
150 154.6 122.1 183.1
115 61.8 46.4 69.6



#5
2-Fluorophenol
Concen: 141.558 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

Tgt Ion:112 Resp: 2019699
Ion Ratio Lower Upper
112 100
64 57.6 44.7 67.1
63 29.7 23.5 35.3



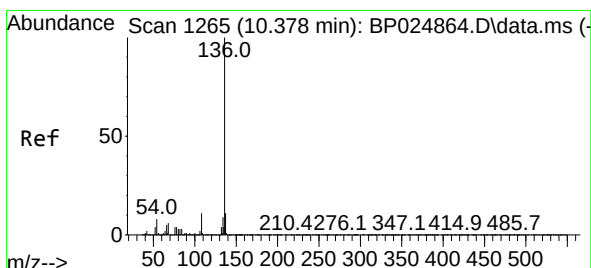
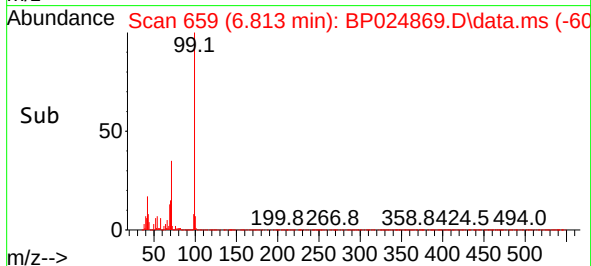
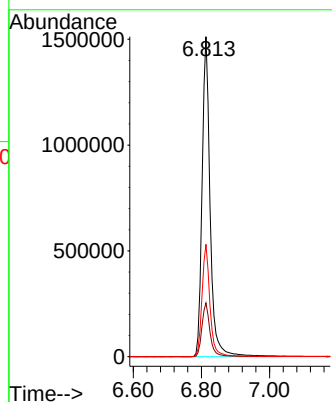
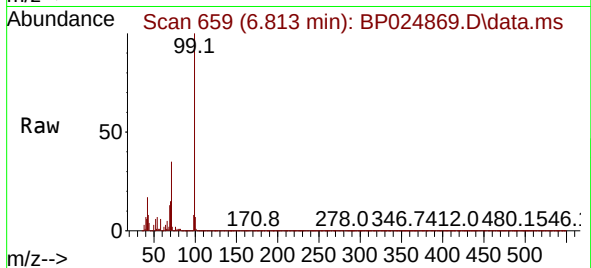


#7
Phenol-d6
Concen: 131.654 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

Instrument :
BNA_P
ClientSampleId :
PB168259BL

Tgt Ion: 99 Resp: 2485312

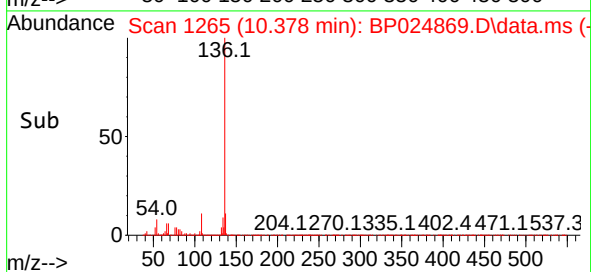
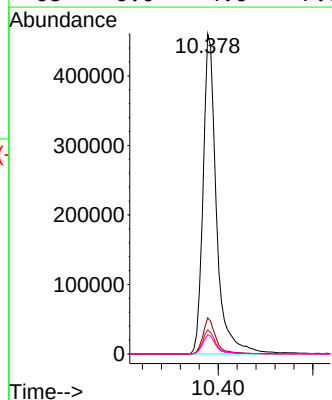
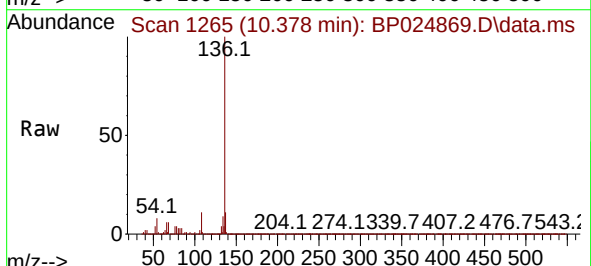
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	35.1	27.6	41.4

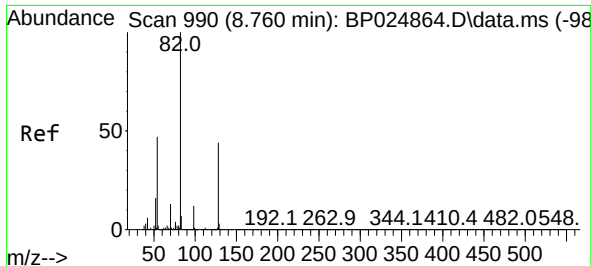


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

Tgt Ion: 136 Resp: 903930

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.1	9.1
68	6.0	4.6	7.0

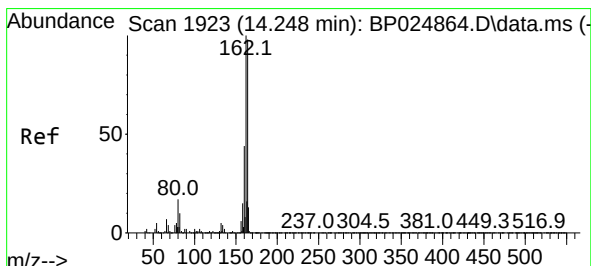
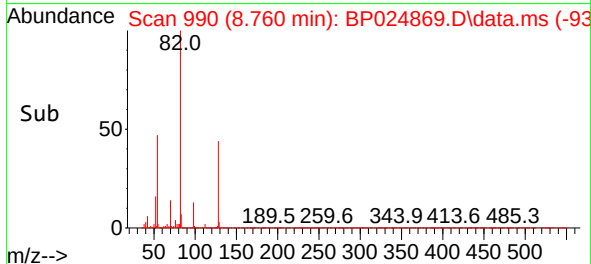
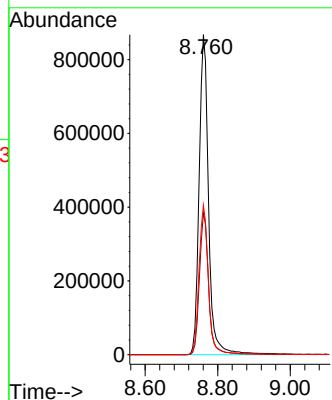
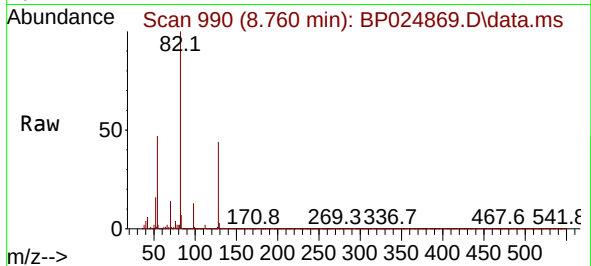




#23
Nitrobenzene-d5
Concen: 84.193 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

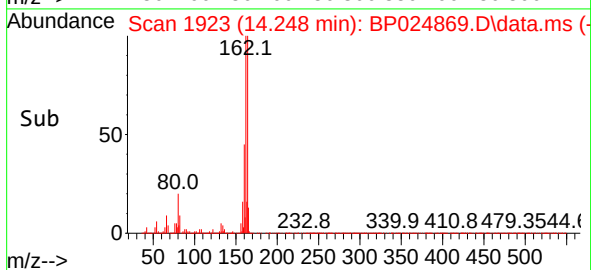
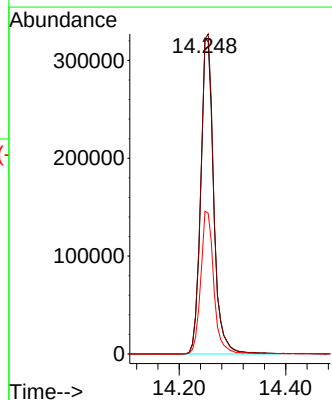
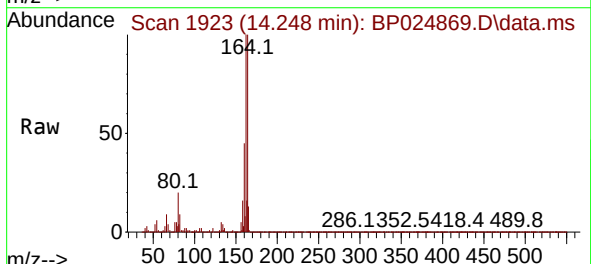
Instrument :
BNA_P
ClientSampleId :
PB168259BL

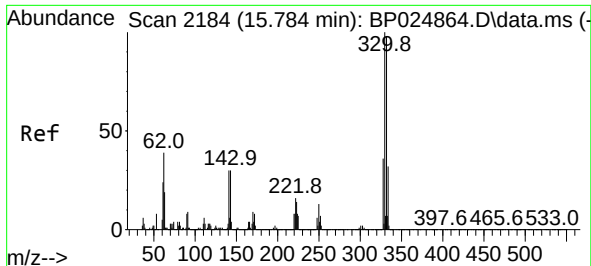
Tgt Ion: 82 Resp: 1566171
Ion Ratio Lower Upper
82 100
128 44.3 35.3 52.9
54 46.8 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

Tgt Ion:164 Resp: 542748
Ion Ratio Lower Upper
164 100
162 99.8 81.6 122.4
160 45.2 36.2 54.2

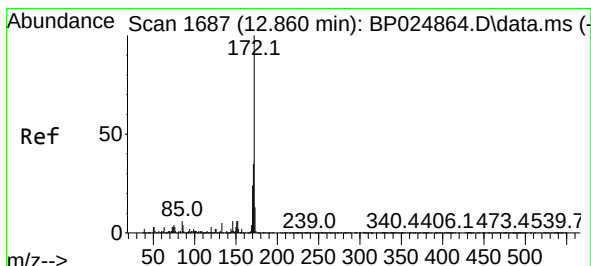
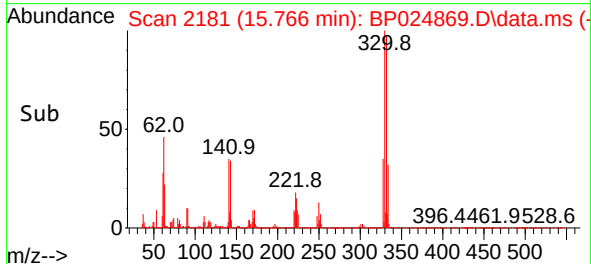
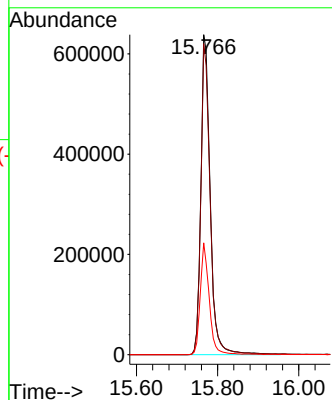
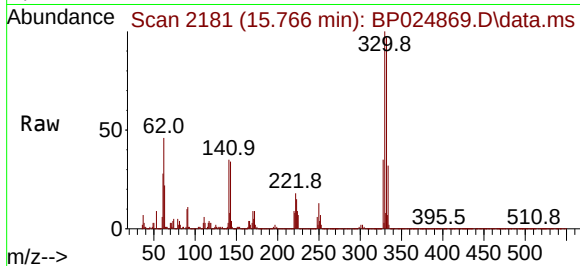




#42
2,4,6-Tribromophenol
Concen: 137.243 ng
RT: 15.766 min Scan# 2184
Delta R.T. -0.018 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

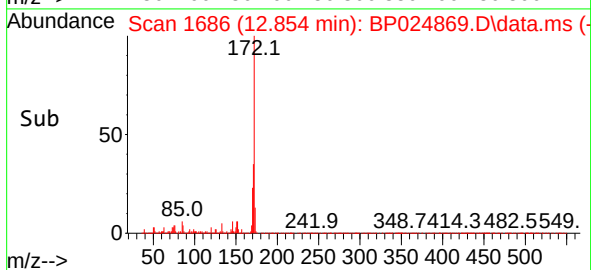
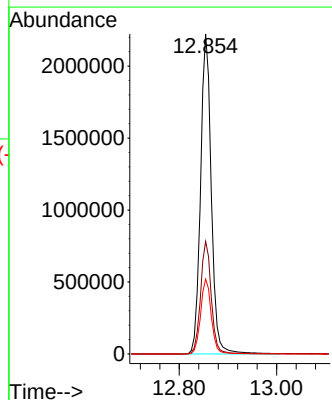
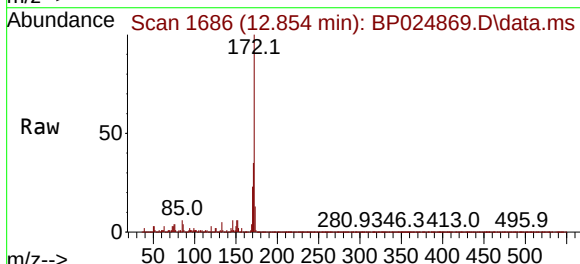
Instrument :
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ClientSampleId :
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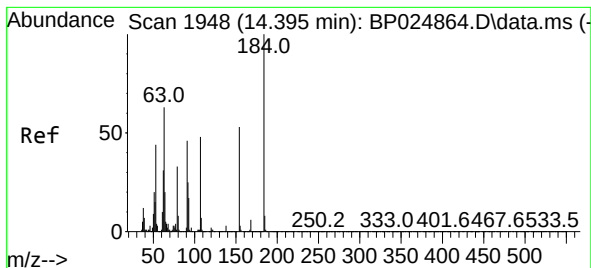
Tgt Ion:330 Resp: 1029845
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 33.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 84.767 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

Tgt Ion:172 Resp: 3415232
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.4 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.566 ng

RT: 14.407 min Scan# 1948

Delta R.T. 0.012 min

Lab File: BP024869.D

Acq: 06 Jun 2025 17:50

Instrument :

BNA_P

ClientSampleId :

PB168259BL

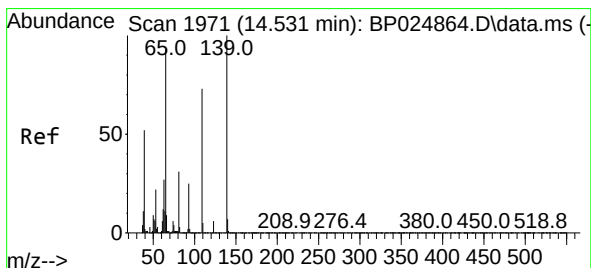
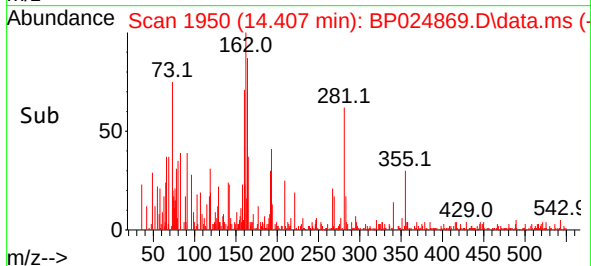
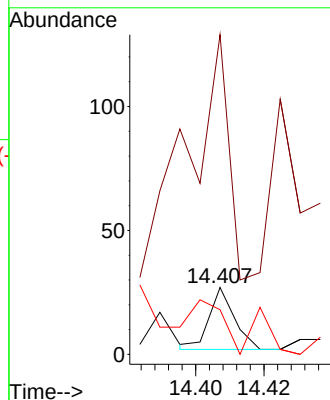
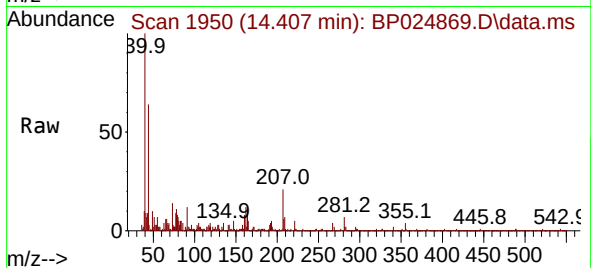
Tgt Ion:184 Resp: 13

Ion Ratio Lower Upper

184 100

63 238.9 51.0 76.4#

154 33.3 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.414 ng

RT: 14.789 min Scan# 2015

Delta R.T. 0.258 min

Lab File: BP024869.D

Acq: 06 Jun 2025 17:50

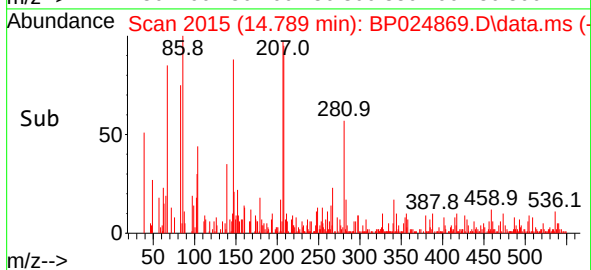
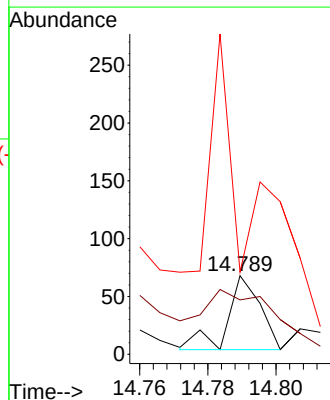
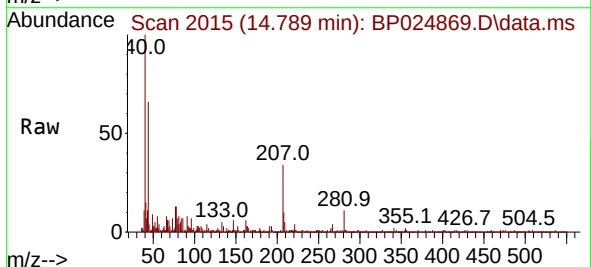
Tgt Ion:139 Resp: 43

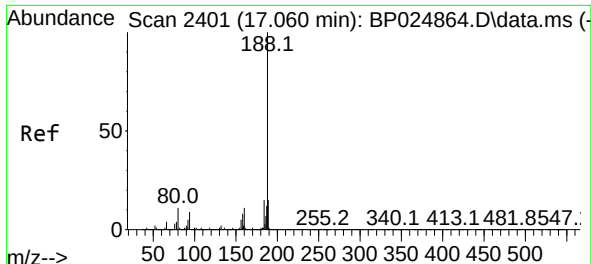
Ion Ratio Lower Upper

139 100

109 69.1 53.1 93.1

65 104.4 73.0 113.0

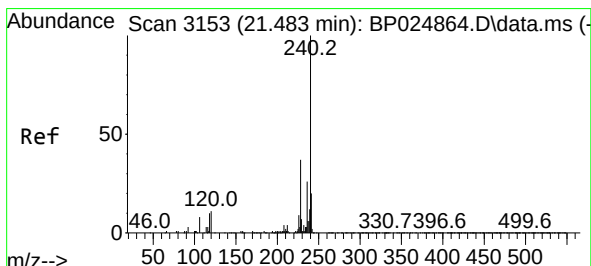
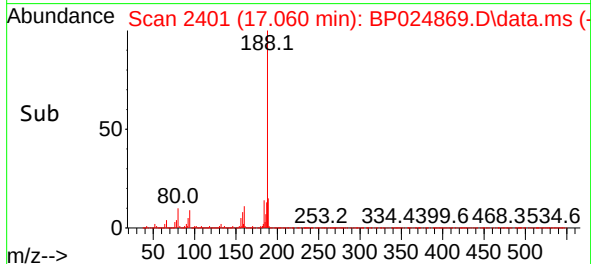
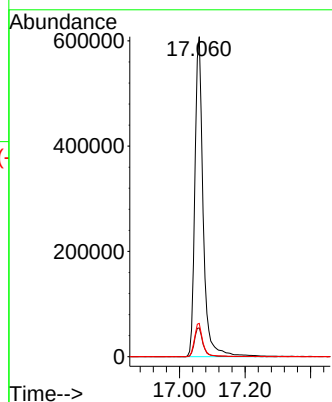
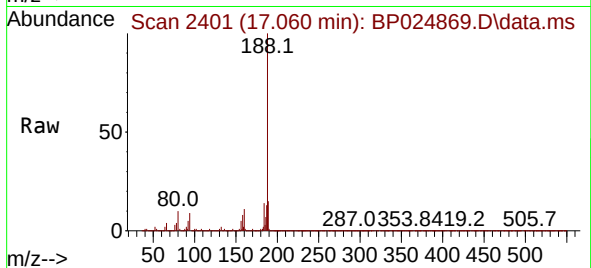




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

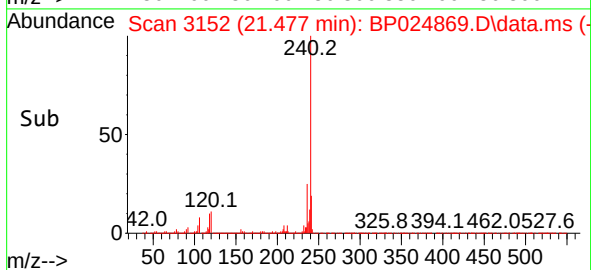
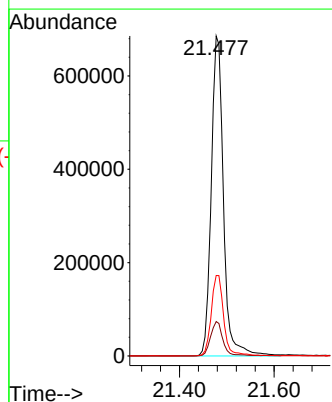
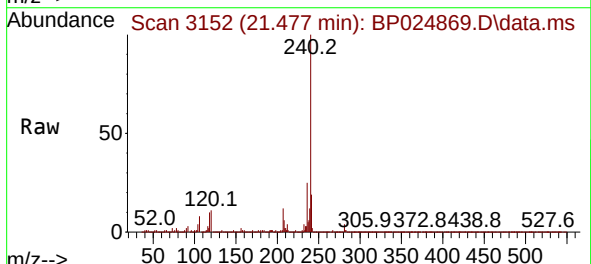
Instrument :
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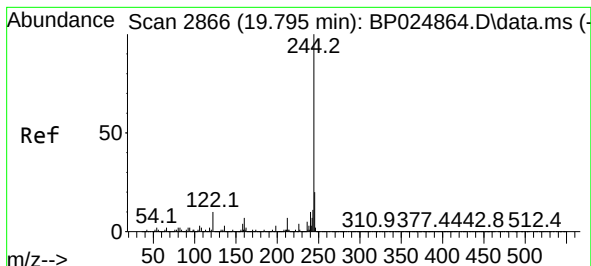
Tgt Ion:188 Resp: 1071759
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 10.4 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024869.D
Acq: 06 Jun 2025 17:50

Tgt Ion:240 Resp: 1228490
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 82.654 ng

RT: 19.772 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024869.D

Acq: 06 Jun 2025 17:50

Instrument :

BNA_P

ClientSampleId :

PB168259BL

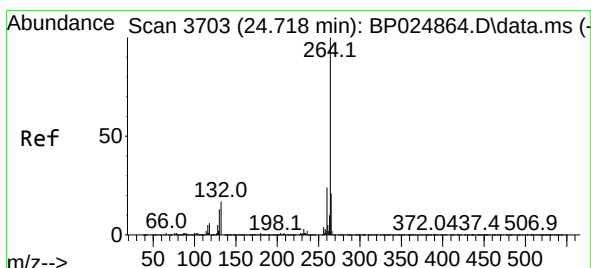
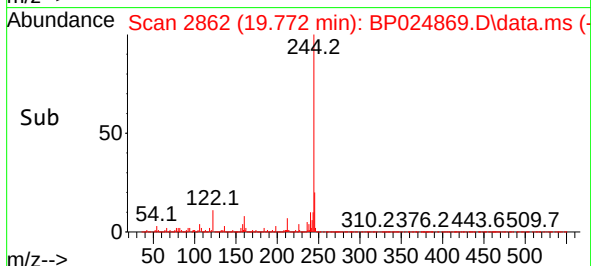
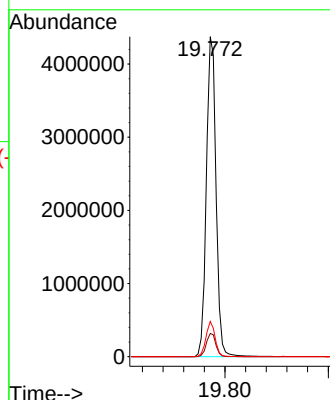
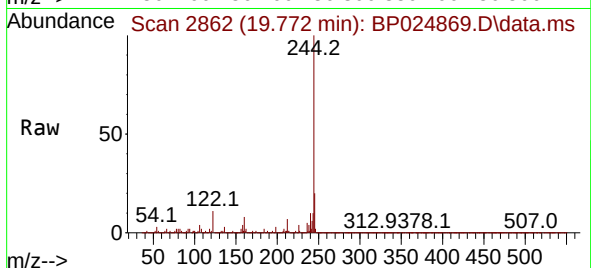
Tgt Ion:244 Resp: 5665509

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.730 min Scan# 3705

Delta R.T. 0.012 min

Lab File: BP024869.D

Acq: 06 Jun 2025 17:50

Tgt Ion:264 Resp: 1511415

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 22.4 17.4 26.0

