

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
 Data File : BP024889.D
 Acq On : 10 Jun 2025 11:33
 Operator : RC/JU
 Sample : PB168321BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168321BL

Quant Time: Jun 10 12:25:37 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)

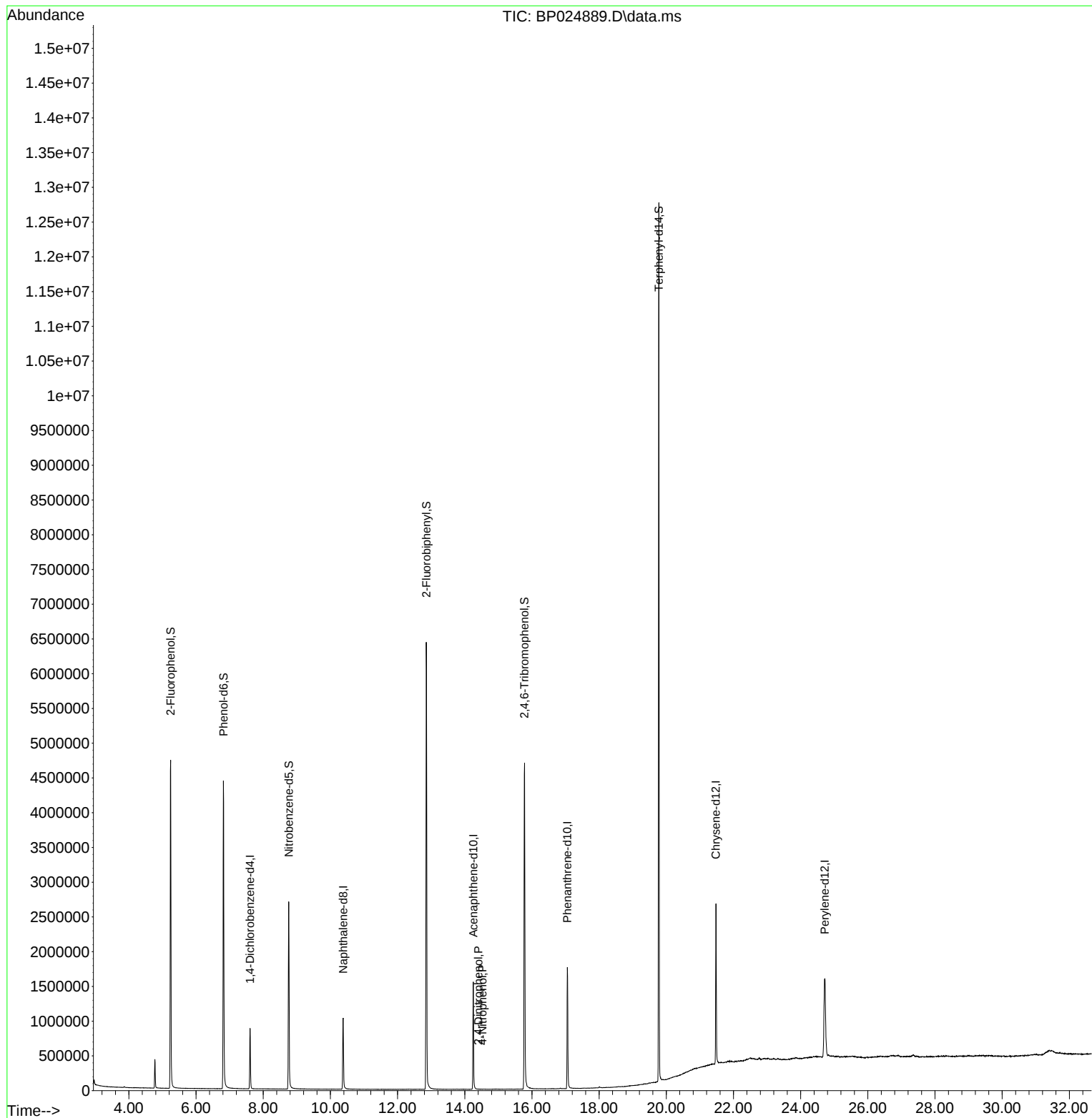
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	238782	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	925741	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	559666	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1106475	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1229440	20.000	ng	0.00
86) Perylene-d12	24.718	264	1444069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2193773	153.355	ng	0.00
7) Phenol-d6	6.814	99	2683147	141.761	ng	0.00
23) Nitrobenzene-d5	8.760	82	1661851	87.232	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1164554	150.504	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3621535	87.171	ng	0.00
79) Terphenyl-d14	19.778	244	5873234	85.619	ng	-0.02
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.407	184	10	5.565	ng	# 1
56) 4-Nitrophenol	14.525	139	19	5.411	ng	# 1

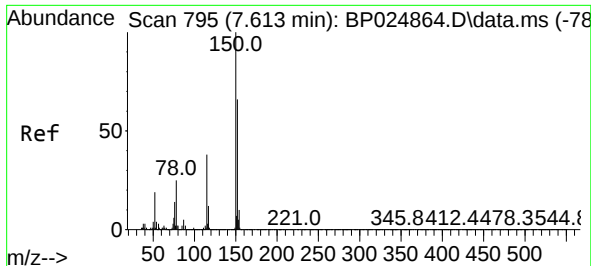
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024889.D
Acq On : 10 Jun 2025 11:33
Operator : RC/JU
Sample : PB168321BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168321BL

Quant Time: Jun 10 12:25:37 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

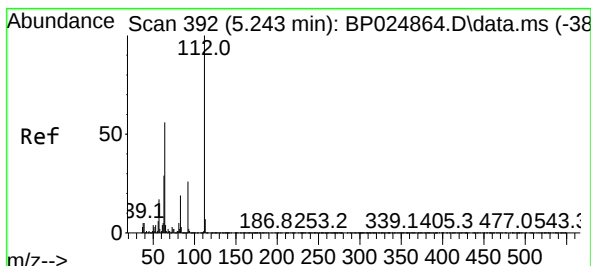
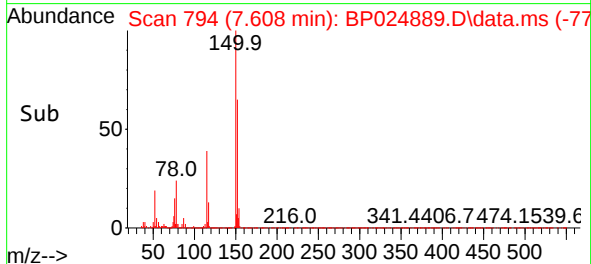
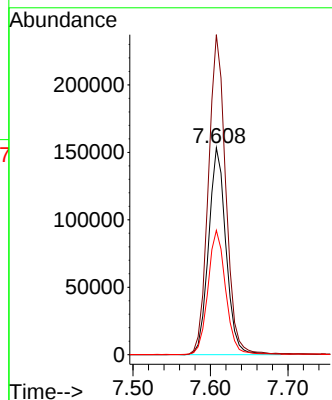
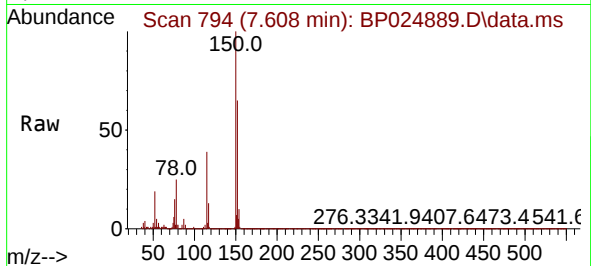




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 794
Delta R.T. -0.005 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

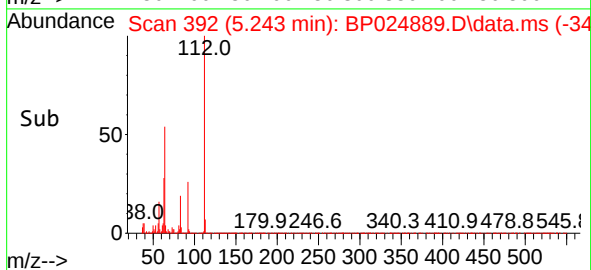
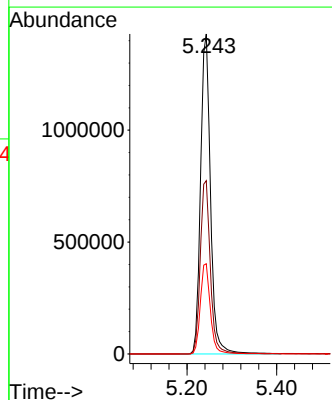
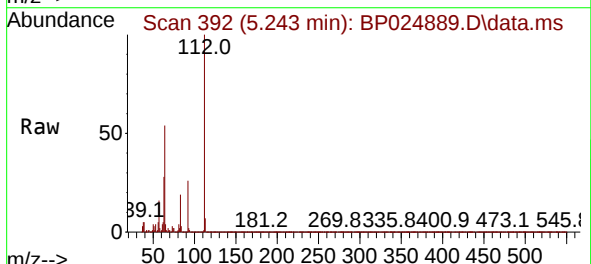
Instrument :
BNA_P
ClientSampleId :
PB168321BL

Tgt Ion:152 Resp: 238782
Ion Ratio Lower Upper
152 100
150 154.7 122.1 183.1
115 60.1 46.4 69.6



#5
2-Fluorophenol
Concen: 153.355 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion:112 Resp: 2193773
Ion Ratio Lower Upper
112 100
64 54.2 44.7 67.1
63 28.2 23.5 35.3

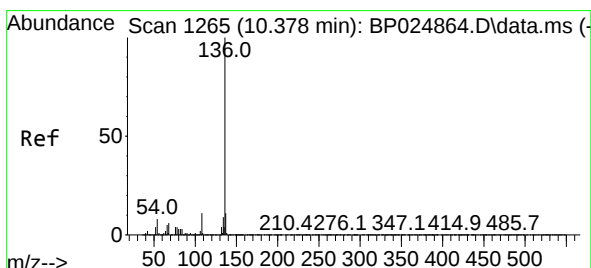
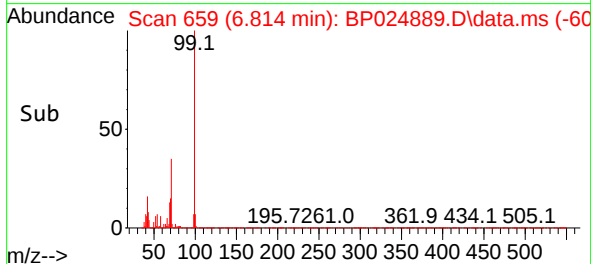
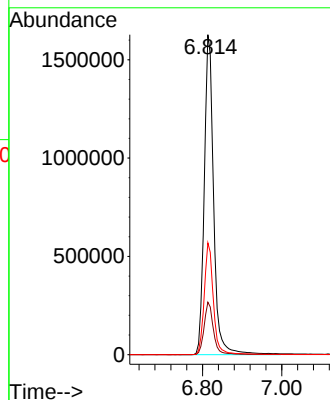
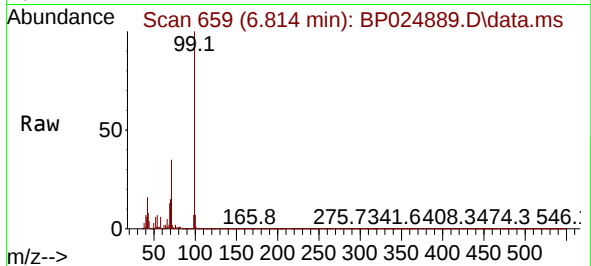




#7
Phenol-d6
Concen: 141.761 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

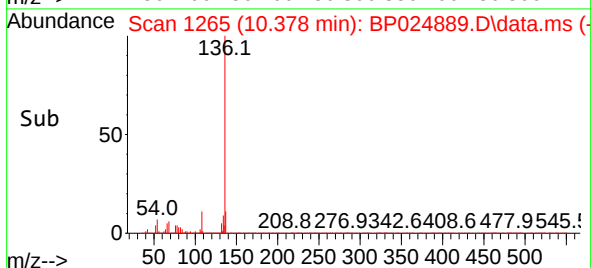
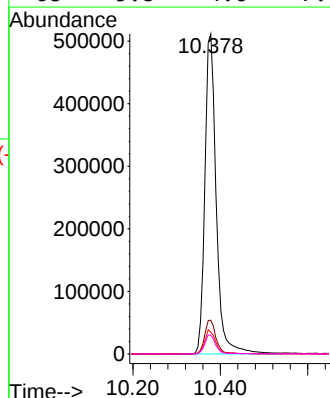
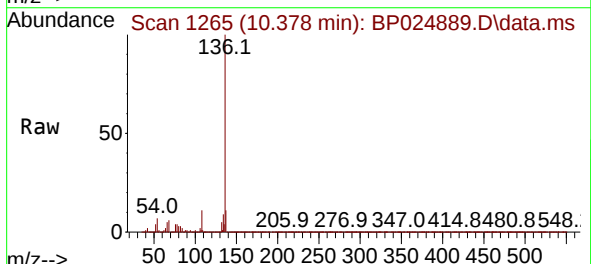
Instrument :
BNA_P
ClientSampleId :
PB168321BL

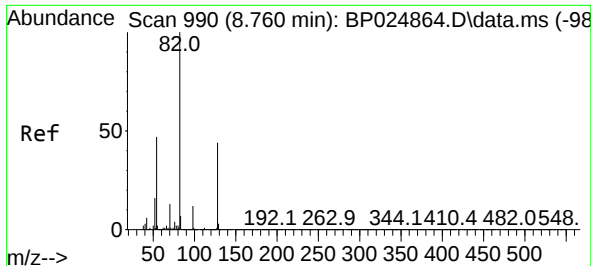
Tgt Ion: 99 Resp: 2683147
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 35.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion: 136 Resp: 925741
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.8 6.1 9.1
68 5.8 4.6 7.0

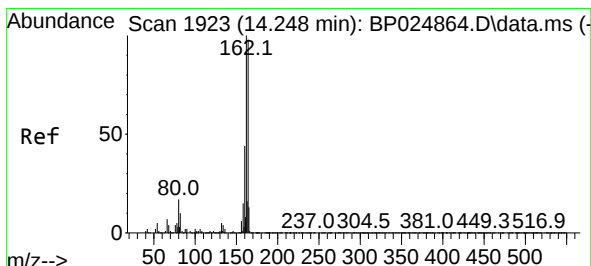
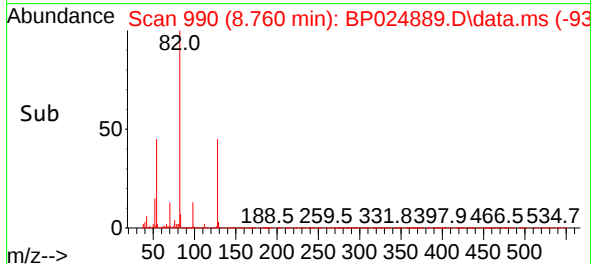
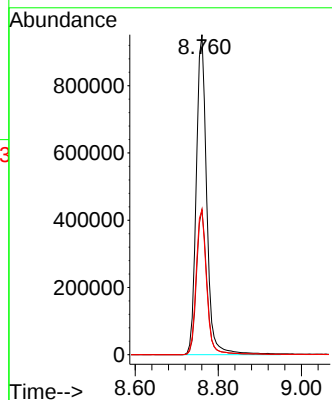
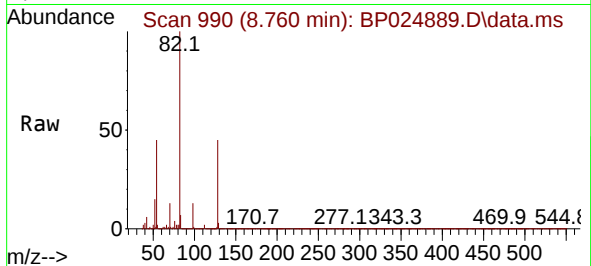




#23
Nitrobenzene-d5
Concen: 87.232 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

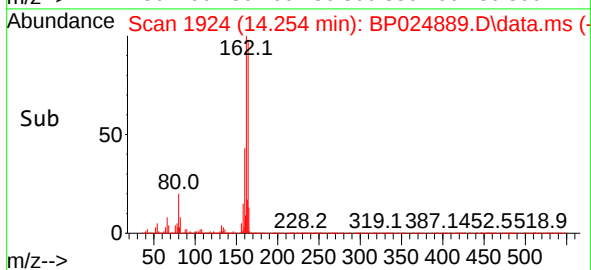
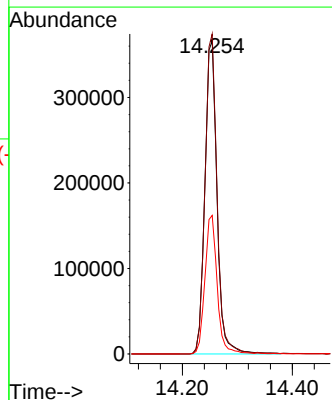
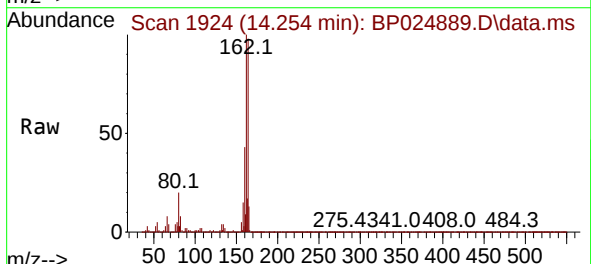
Instrument :
BNA_P
ClientSampleId :
PB168321BL

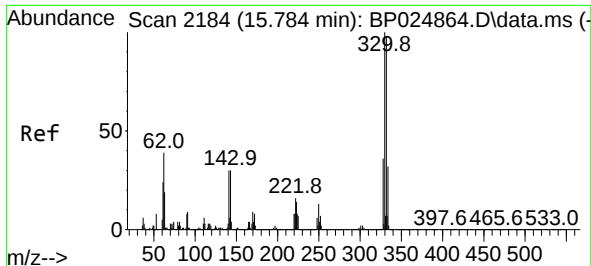
Tgt Ion: 82 Resp: 1661851
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 45.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion:164 Resp: 559666
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 44.3 36.2 54.2

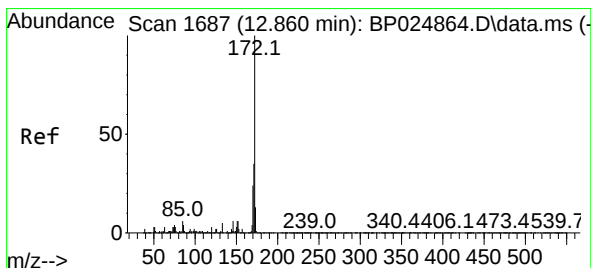
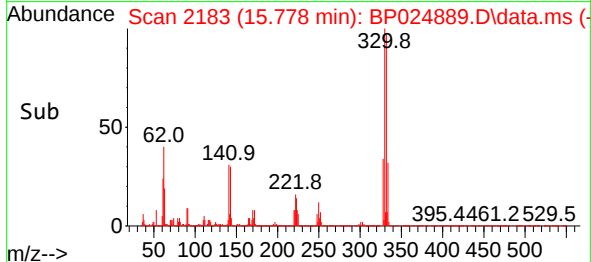
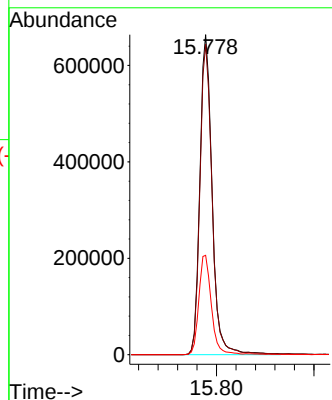
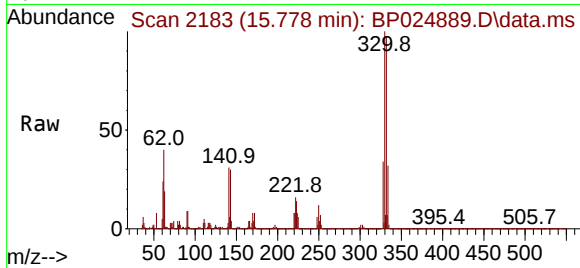




#42
2,4,6-Tribromophenol
Concen: 150.504 ng
RT: 15.778 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

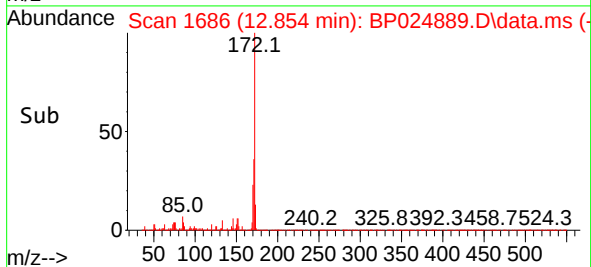
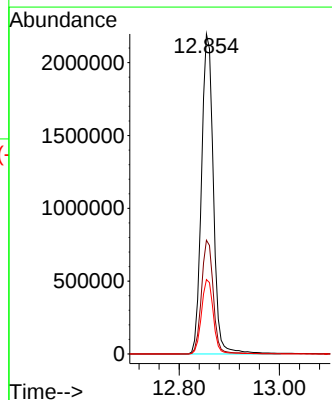
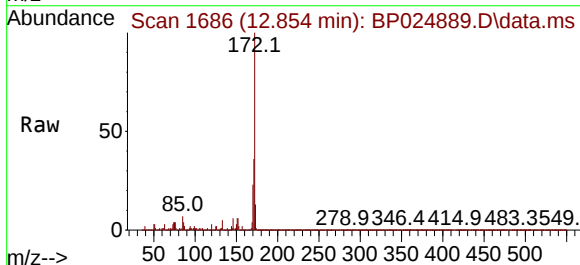
Instrument :
BNA_P
ClientSampleId :
PB168321BL

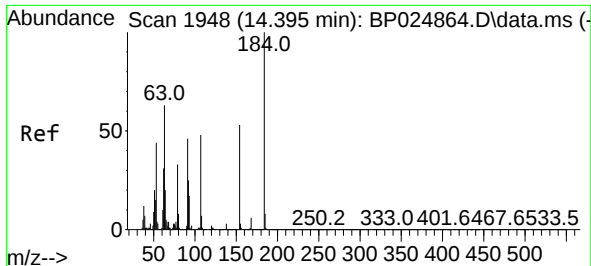
Tgt Ion:330 Resp: 1164554
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 31.6 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 87.171 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion:172 Resp: 3621535
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 19.0 28.4

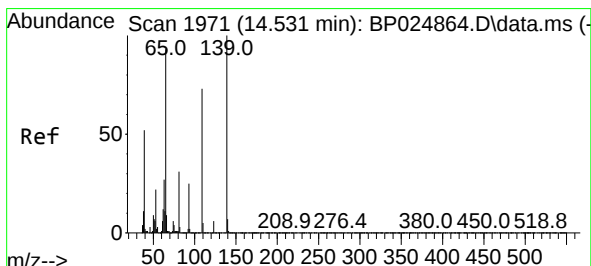
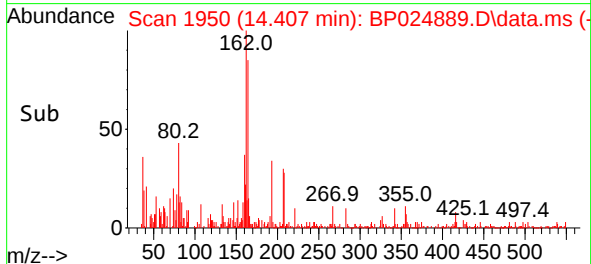
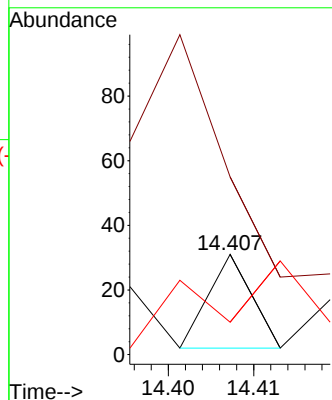
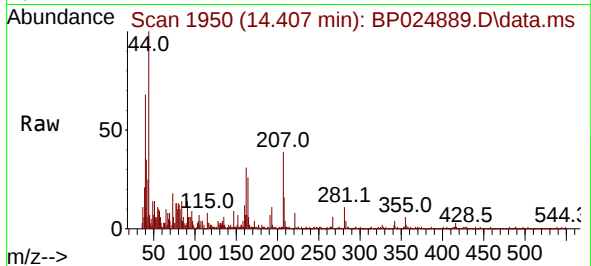




#54
2,4-Dinitrophenol
Concen: 5.565 ng
RT: 14.407 min Scan# 1948
Delta R.T. 0.012 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

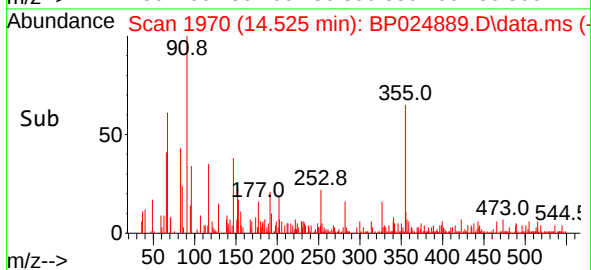
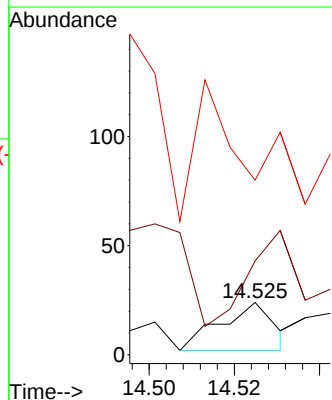
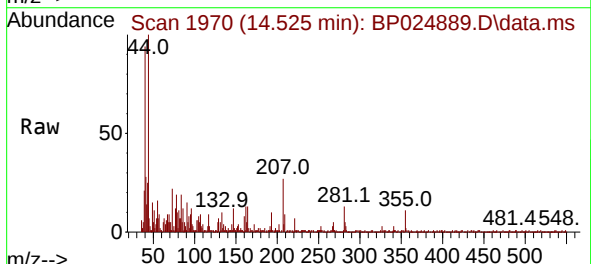
Instrument :
BNA_P
ClientSampleId :
PB168321BL

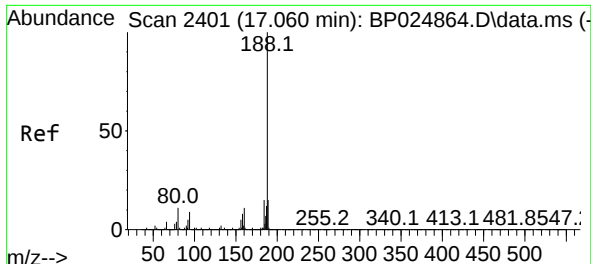
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 338.7 51.0 76.4#
154 32.3 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.411 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 179.2 53.1 93.1#
65 333.3 73.0 113.0#

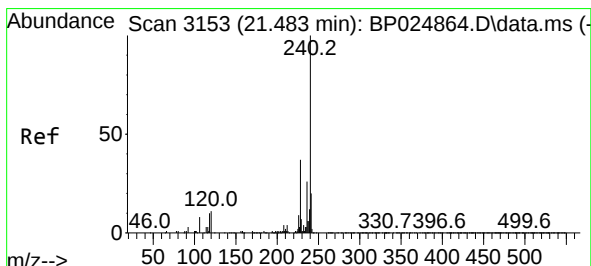
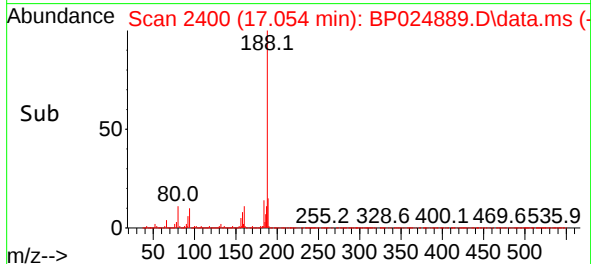
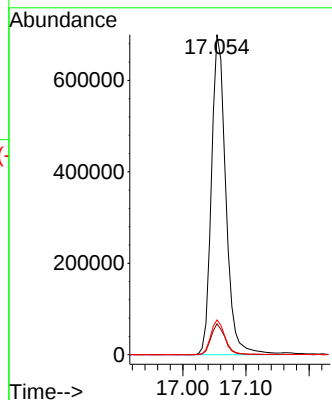
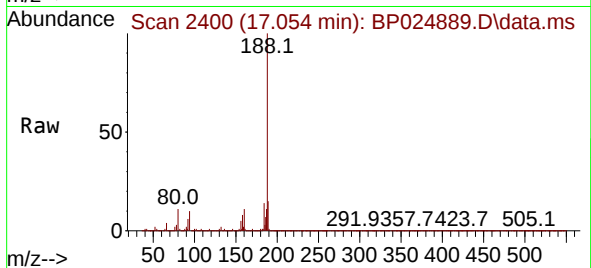




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

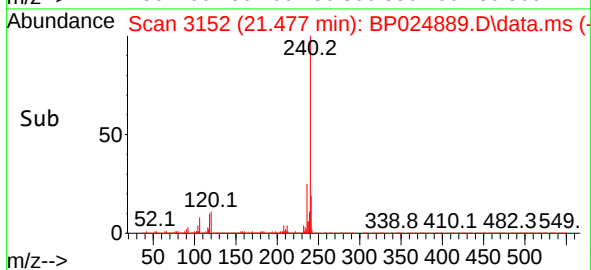
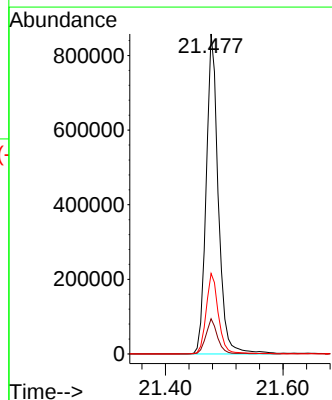
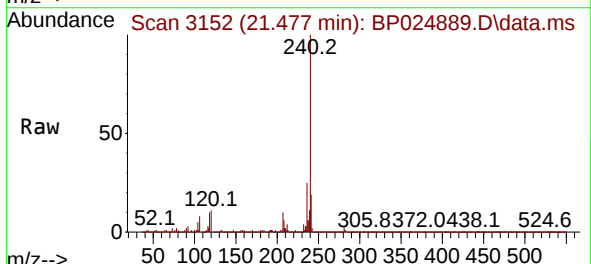
Instrument :
BNA_P
ClientSampleId :
PB168321BL

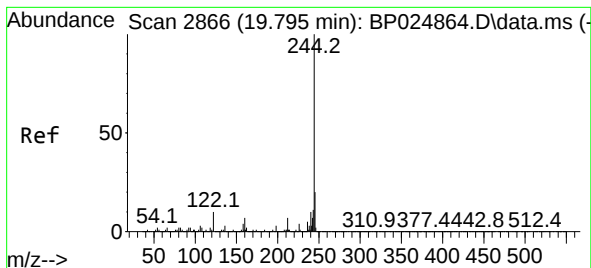
Tgt Ion:188 Resp: 1106475
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.9 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion:240 Resp: 1229440
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.1 20.9 31.3





#79

Terphenyl-d14

Concen: 85.619 ng

RT: 19.778 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024889.D

Acq: 10 Jun 2025 11:33

Instrument :

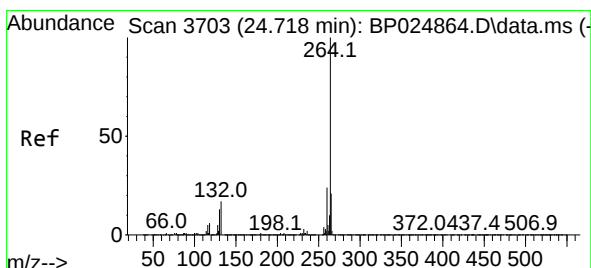
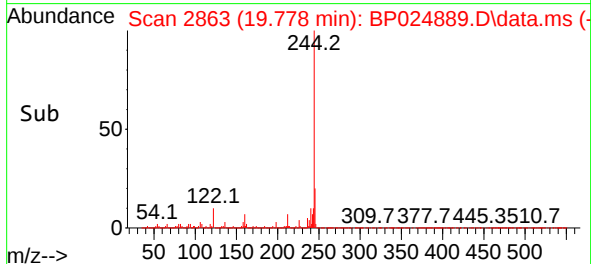
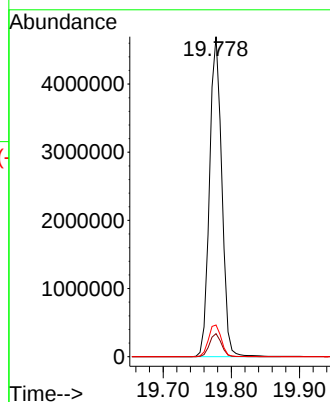
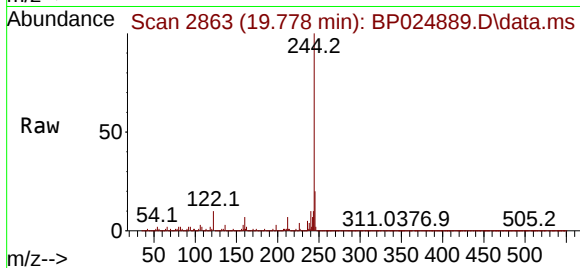
BNA_P

ClientSampleId :

PB168321BL

Tgt Ion:244 Resp: 5873234

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	9.9	7.7	11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.718 min Scan# 3703

Delta R.T. 0.000 min

Lab File: BP024889.D

Acq: 10 Jun 2025 11:33

Tgt Ion:264 Resp: 1444069

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.9	17.4	26.0

