

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024949.D
 Acq On : 13 Jun 2025 18:15
 Operator : RC/JU
 Sample : Q2298-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-061125

Quant Time: Jun 13 19:03:04 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)

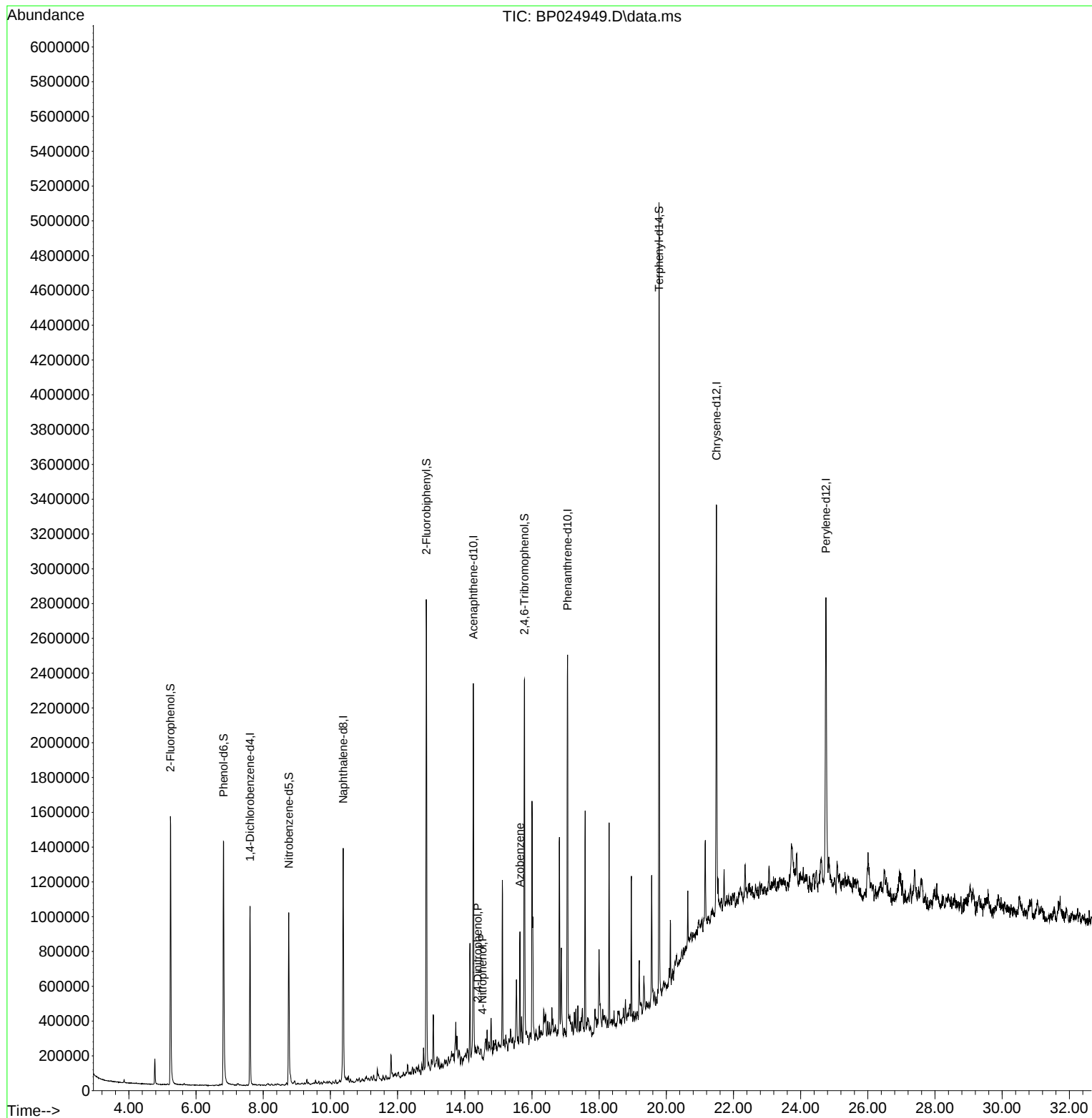
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	287855	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1185880	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	771457	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1389057	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1432046	20.000	ng	0.01
86) Perylene-d12	24.754	264	1723197	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	767721	44.518	ng	0.00
7) Phenol-d6	6.820	99	1018309	44.629	ng	0.00
23) Nitrobenzene-d5	8.761	82	628263	25.744	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	487317	45.690	ng	0.00
45) 2-Fluorobiphenyl	12.855	172	1559198	27.227	ng	0.00
79) Terphenyl-d14	19.784	244	2215437	27.727	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.384	184	99	5.575	ng	# 1
56) 4-Nitrophenol	14.525	139	395	5.443	ng	# 1
63) Azobenzene	15.643	77	152240	2.927	ng	# 1

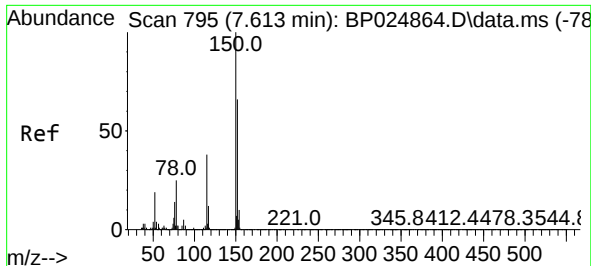
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024949.D
Acq On : 13 Jun 2025 18:15
Operator : RC/JU
Sample : Q2298-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-05-061125

Quant Time: Jun 13 19:03:04 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

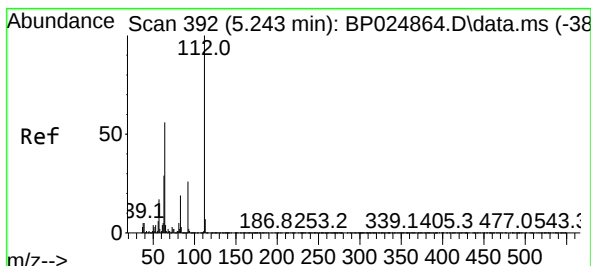
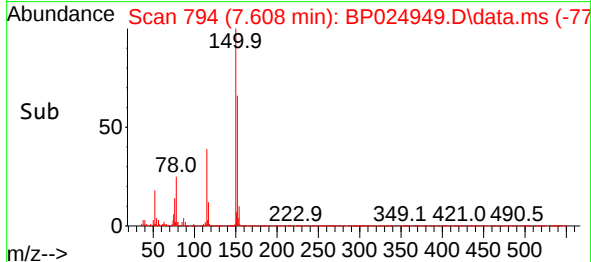
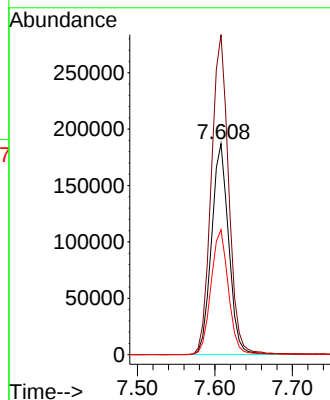
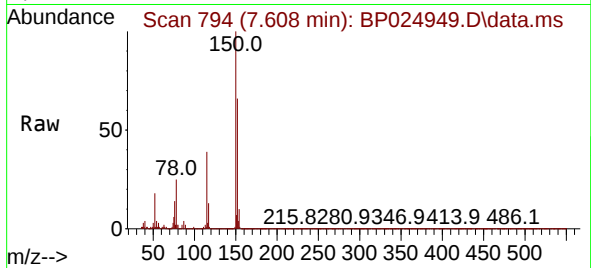




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 794
Delta R.T. -0.005 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

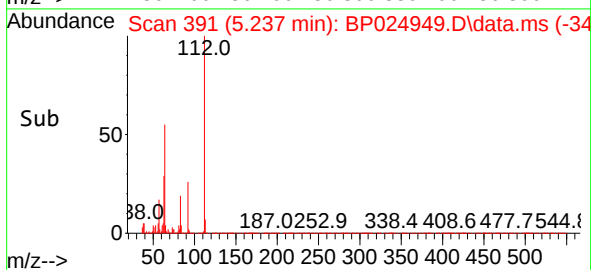
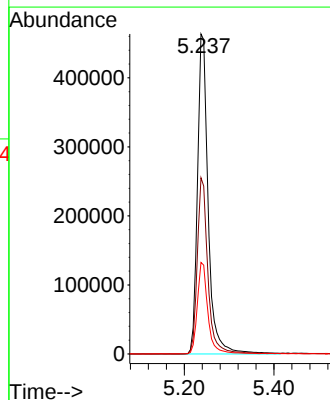
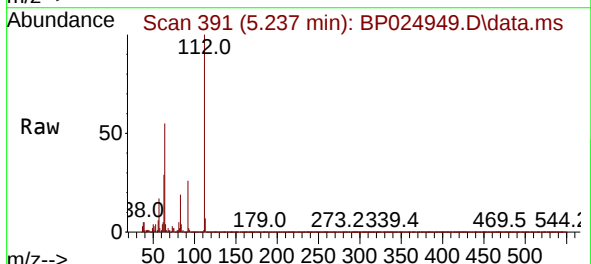
Instrument :
BNA_P
ClientSampleId :
AU-05-061125

Tgt Ion:152 Resp: 287855
Ion Ratio Lower Upper
152 100
150 151.6 122.1 183.1
115 59.2 46.4 69.6



#5
2-Fluorophenol
Concen: 44.518 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

Tgt Ion:112 Resp: 767721
Ion Ratio Lower Upper
112 100
64 55.1 44.7 67.1
63 28.6 23.5 35.3

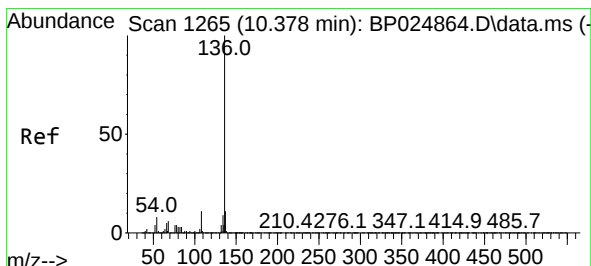
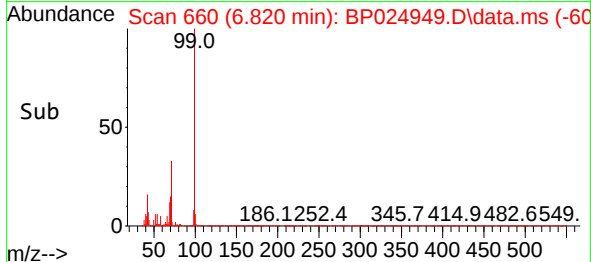
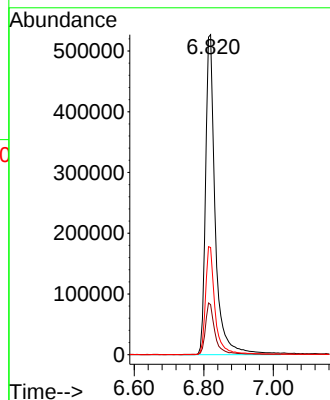
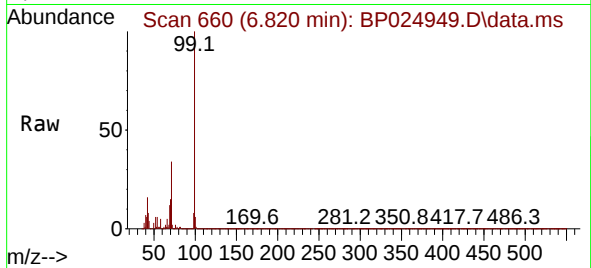




#7
Phenol-d6
Concen: 44.629 ng
RT: 6.820 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

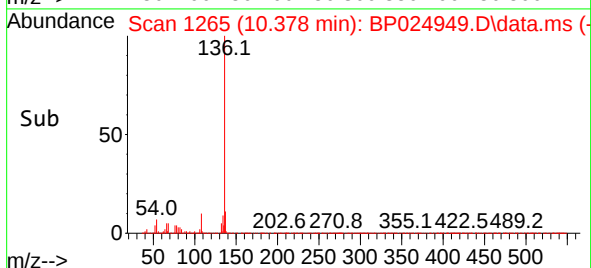
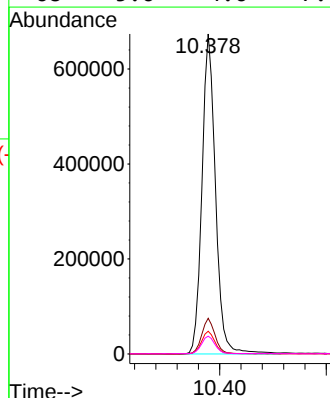
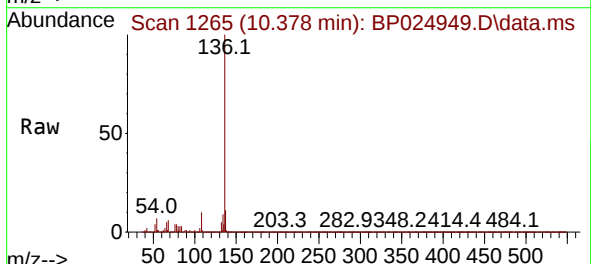
Instrument :
BNA_P
ClientSampleId :
AU-05-061125

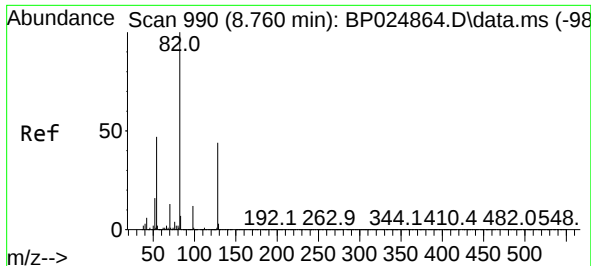
Tgt Ion: 99 Resp: 1018309
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 33.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

Tgt Ion: 136 Resp: 1185880
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.1 6.1 9.1
68 5.6 4.6 7.0

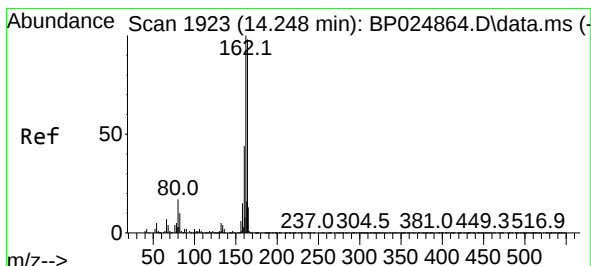
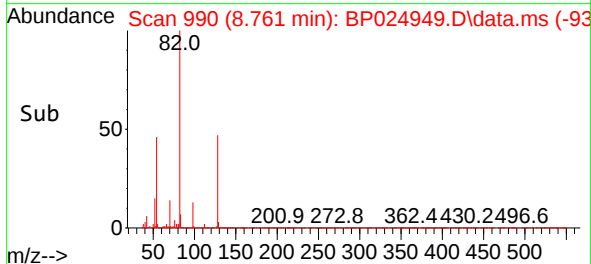
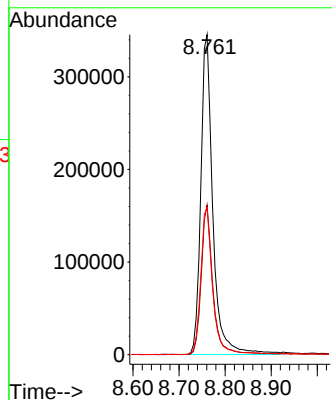
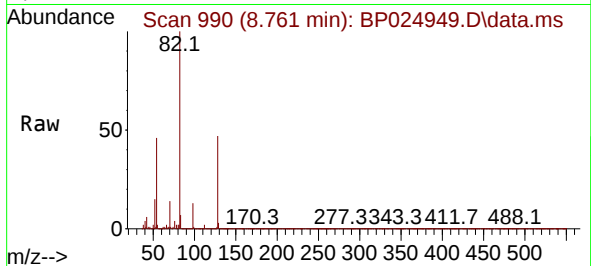




#23
Nitrobenzene-d5
Concen: 25.744 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

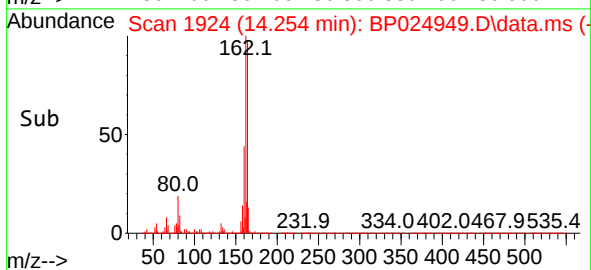
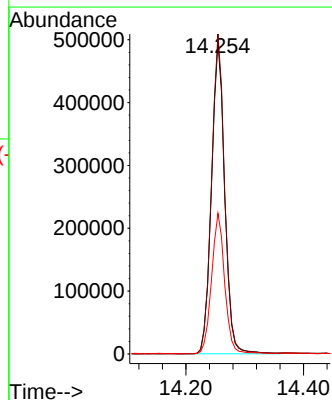
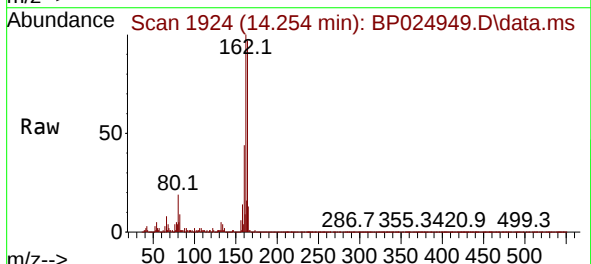
Instrument :
BNA_P
ClientSampleId :
AU-05-061125

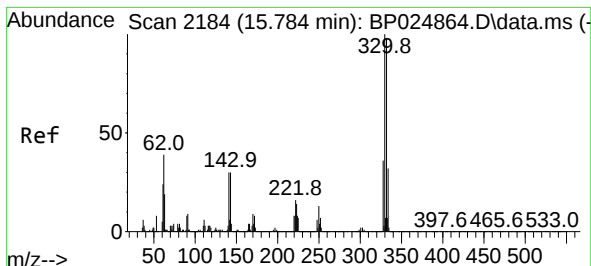
Tgt Ion: 82 Resp: 628263
Ion Ratio Lower Upper
82 100
128 46.7 35.3 52.9
54 46.1 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

Tgt Ion:164 Resp: 771457
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 45.2 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 45.690 ng

RT: 15.778 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BP024949.D

Acq: 13 Jun 2025 18:15

Instrument :

BNA_P

ClientSampleId :

AU-05-061125

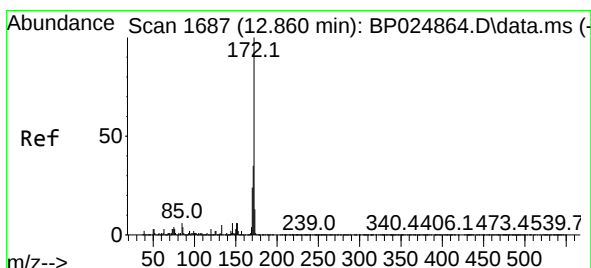
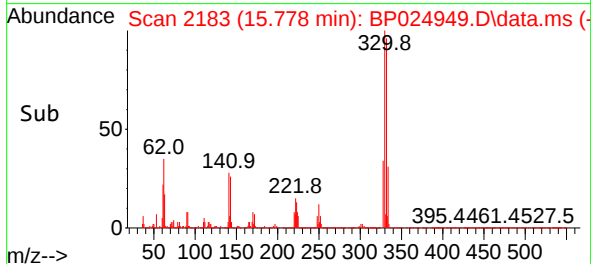
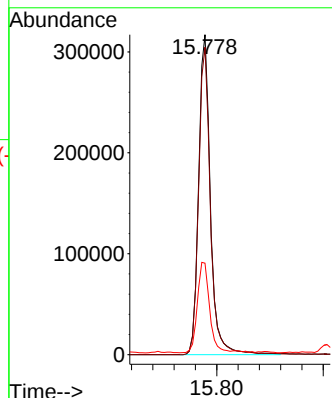
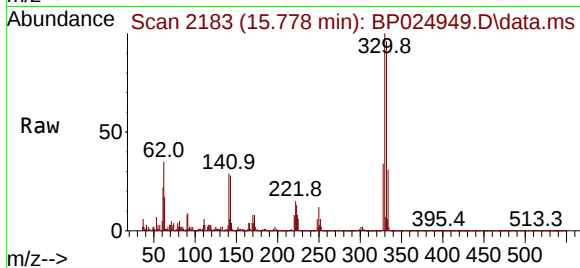
Tgt Ion:330 Resp: 487317

Ion Ratio Lower Upper

330 100

332 95.8 77.7 116.5

141 29.1 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 27.227 ng

RT: 12.855 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024949.D

Acq: 13 Jun 2025 18:15

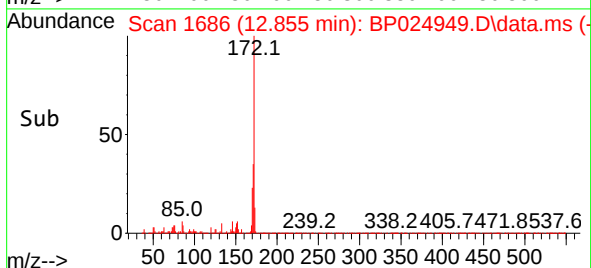
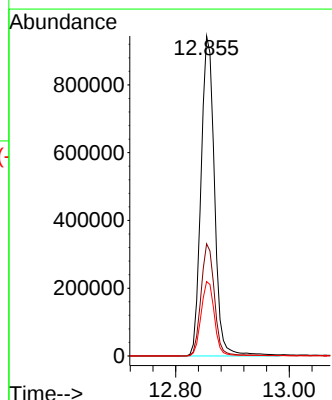
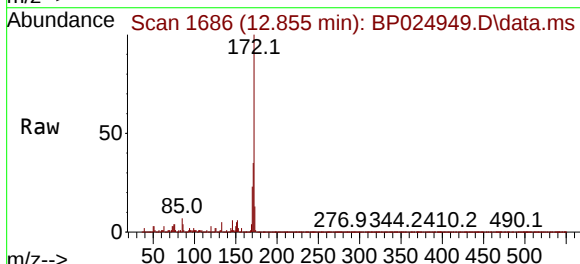
Tgt Ion:172 Resp: 1559198

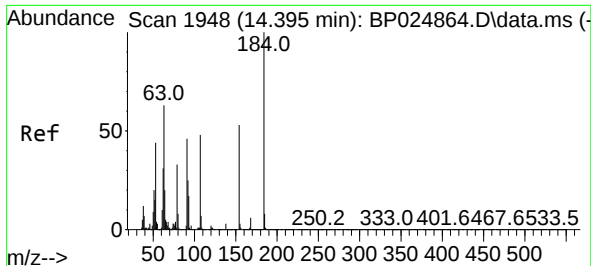
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 19.0 28.4

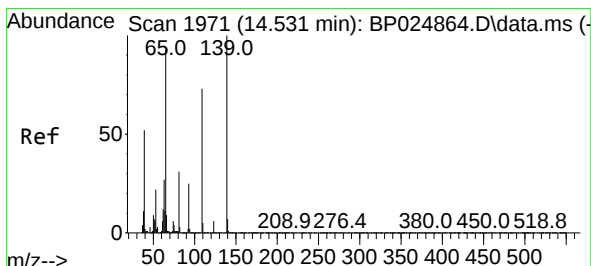
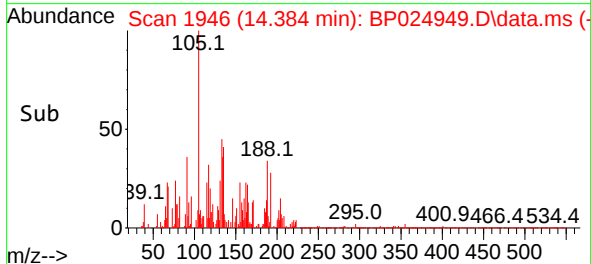
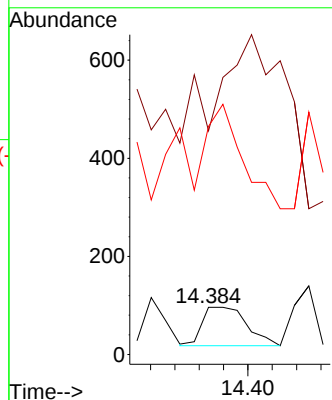
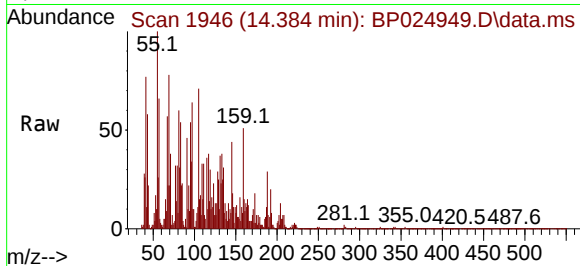




#54
2,4-Dinitrophenol
Concen: 5.575 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

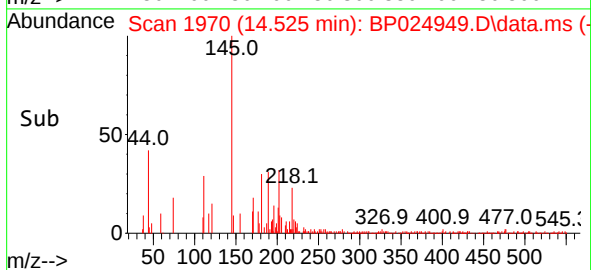
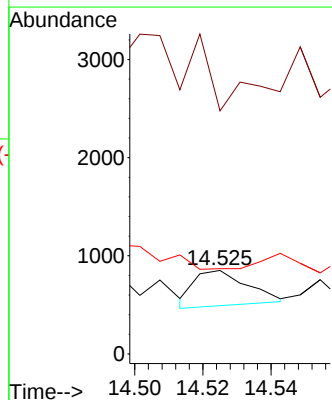
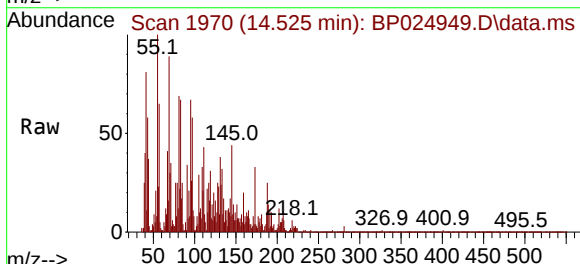
Instrument :
BNA_P
ClientSampleId :
AU-05-061125

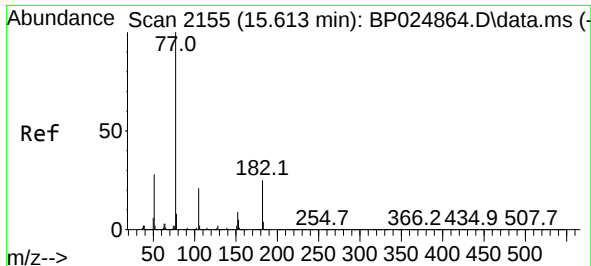
Tgt Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
63 475.0 51.0 76.4#
154 484.4 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.443 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

Tgt Ion:139 Resp: 395
Ion Ratio Lower Upper
139 100
109 291.0 53.1 93.1#
65 102.1 73.0 113.0

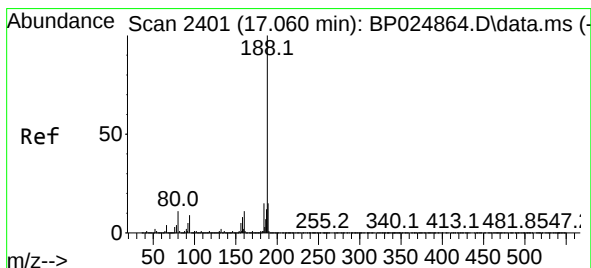
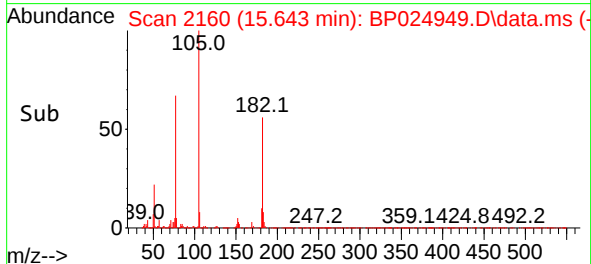
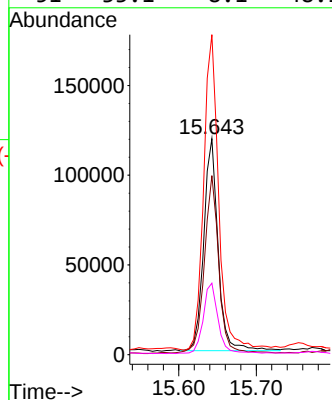
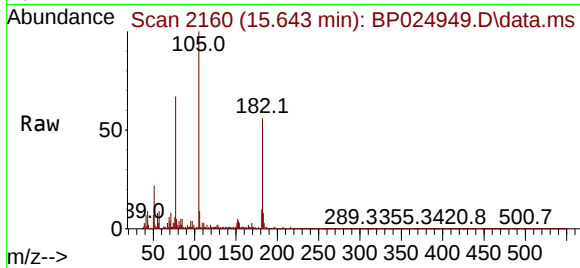




#63
Azobenzene
Concen: 2.927 ng
RT: 15.643 min Scan# 2155
Delta R.T. 0.030 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

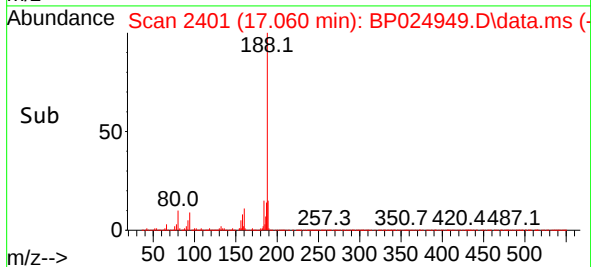
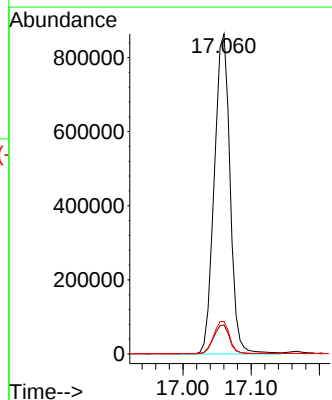
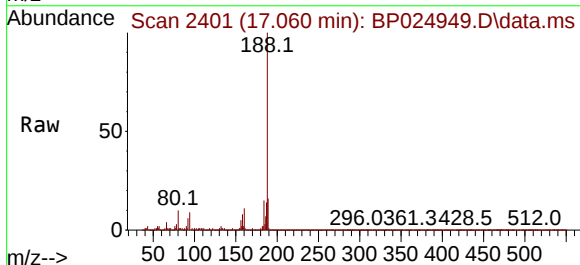
Instrument :
BNA_P
ClientSampleId :
AU-05-061125

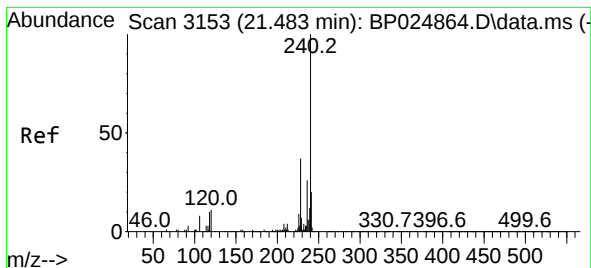
Tgt Ion: 77 Resp: 152240
Ion Ratio Lower Upper
77 100
182 82.9 5.4 45.4#
105 148.2 0.8 40.8#
51 33.1 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024949.D
Acq: 13 Jun 2025 18:15

Tgt Ion: 188 Resp: 1389057
Ion Ratio Lower Upper
188 100
94 9.1 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: BP024949.D

Acq: 13 Jun 2025 18:15

Instrument :

BNA_P

ClientSampleId :

AU-05-061125

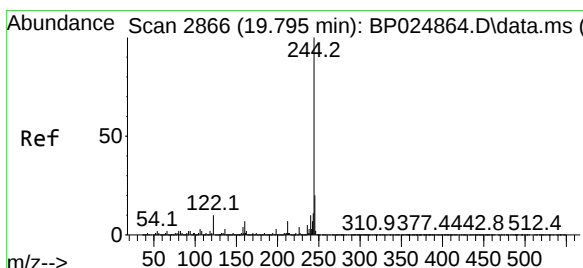
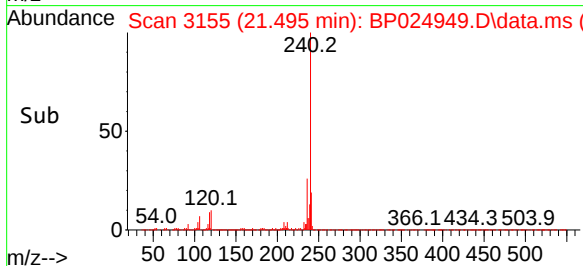
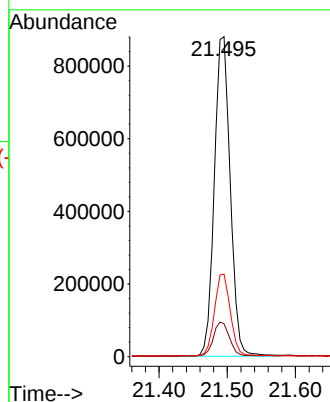
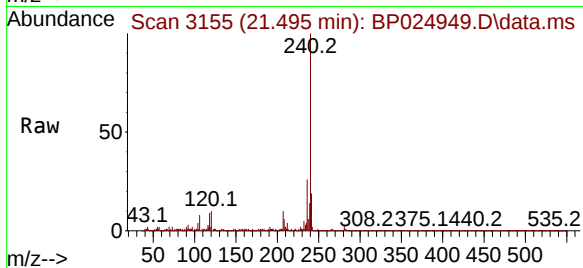
Tgt Ion:240 Resp: 1432046

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 27.727 ng

RT: 19.784 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024949.D

Acq: 13 Jun 2025 18:15

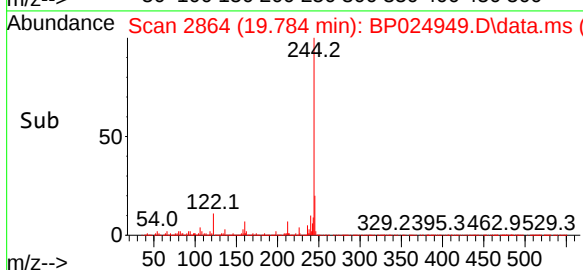
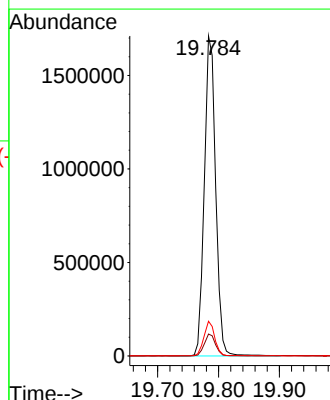
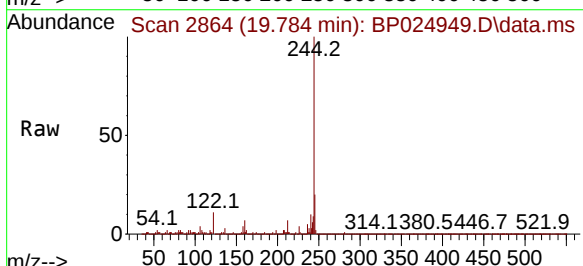
Tgt Ion:244 Resp: 2215437

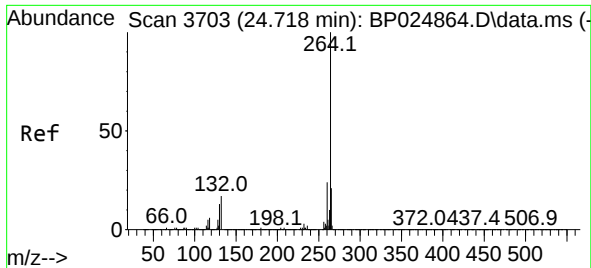
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.8 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.754 min Scan# 31
 Delta R.T. 0.035 min
 Lab File: BP024949.D
 Acq: 13 Jun 2025 18:15

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-061125

Tgt Ion:264 Resp: 1723197
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.5 17.4 26.0

