

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024943.D
 Acq On : 13 Jun 2025 14:10
 Operator : RC/JU
 Sample : Q2295-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP01-MH1-WC

Quant Time: Jun 13 14:36:59 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)

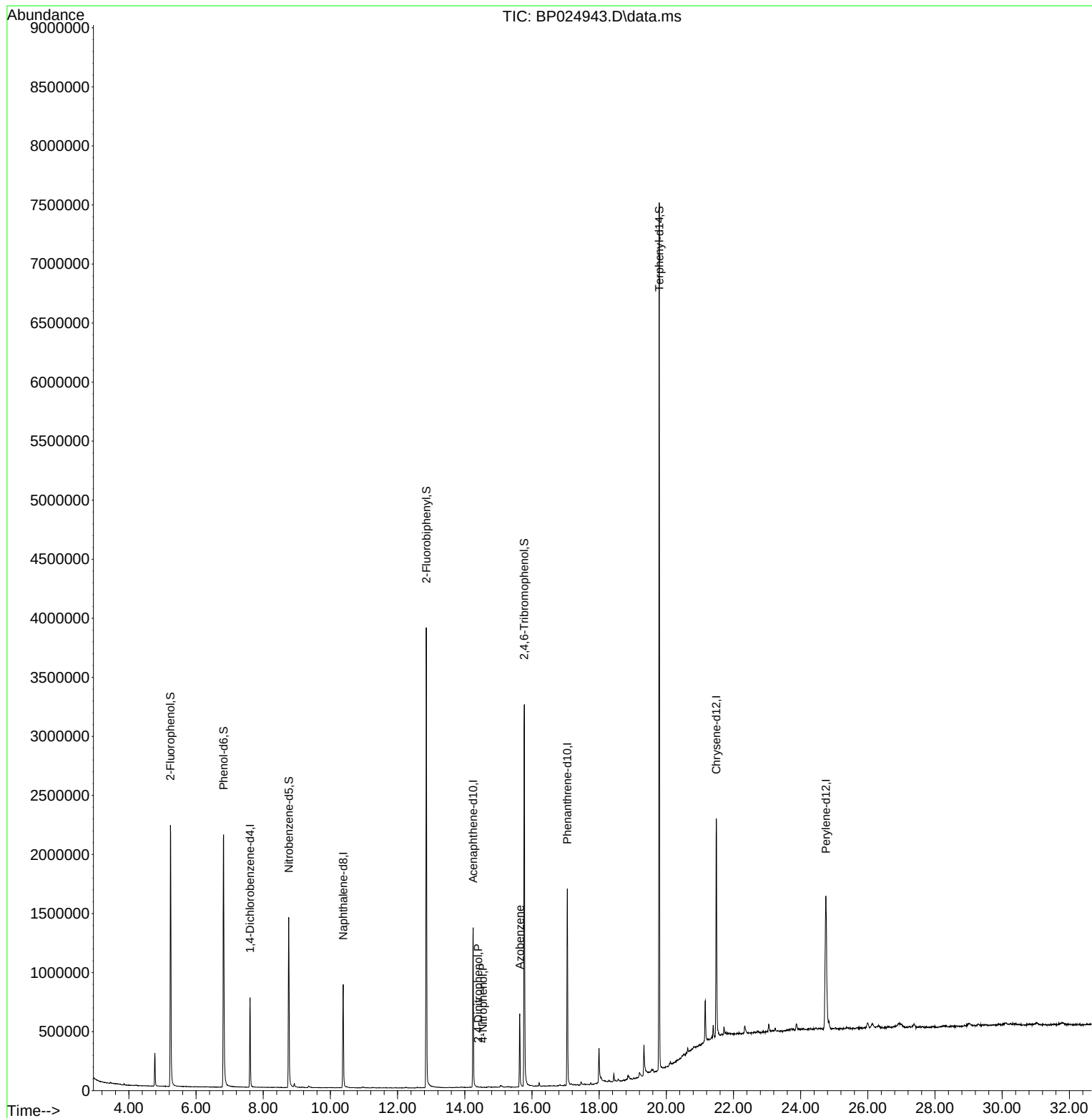
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	201610	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	758772	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	492478	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1019771	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1220191	20.000	ng	0.00
86) Perylene-d12	24.754	264	1459590	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1092989	90.492	ng	0.00
7) Phenol-d6	6.819	99	1499669	93.842	ng	0.00
23) Nitrobenzene-d5	8.760	82	904803	57.945	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	724855	106.459	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	1981197	54.194	ng	0.00
79) Terphenyl-d14	19.789	244	3462833	50.863	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.401	184	39	5.571	ng	# 1
56) 4-Nitrophenol	14.543	139	95	5.422	ng	# 20
63) Azobenzene	15.637	77	189487	5.706	ng	# 1

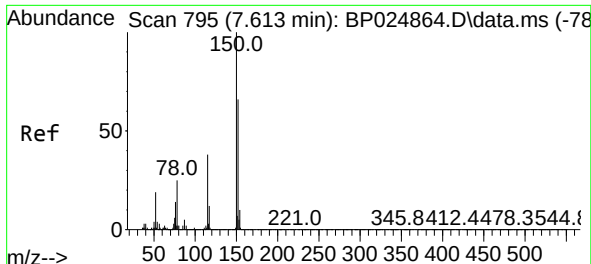
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024943.D
Acq On : 13 Jun 2025 14:10
Operator : RC/JU
Sample : Q2295-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP01-MH1-WC

Quant Time: Jun 13 14:36:59 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

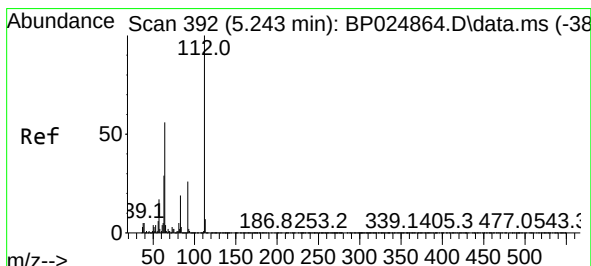
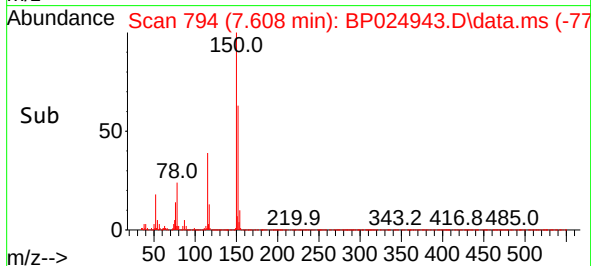
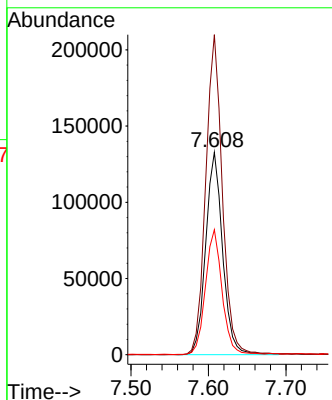
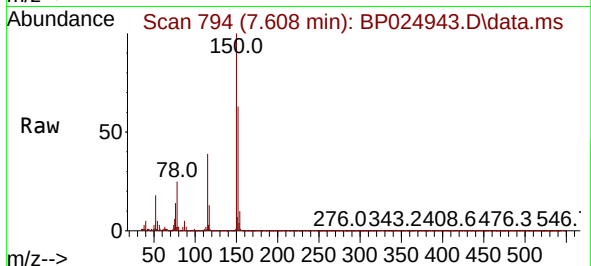




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

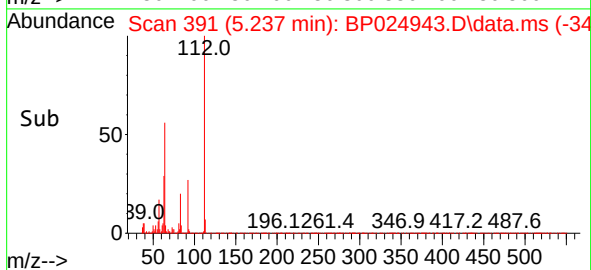
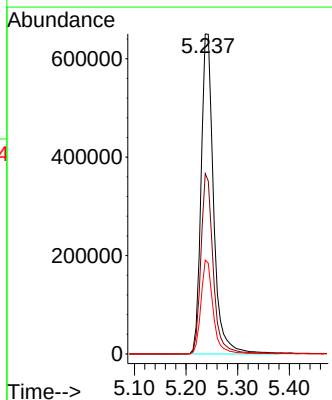
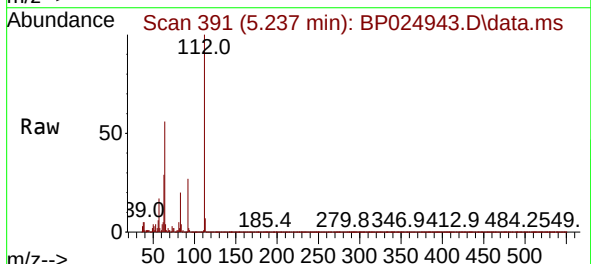
Instrument :
BNA_P
ClientSampleId :
TP01-MH1-WC

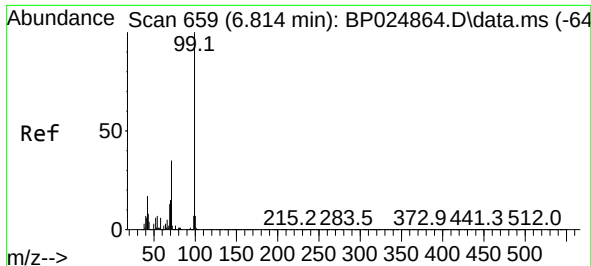
Tgt Ion:152 Resp: 201610
Ion Ratio Lower Upper
152 100
150 158.1 122.1 183.1
115 61.8 46.4 69.6



#5
2-Fluorophenol
Concen: 90.492 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

Tgt Ion:112 Resp: 1092989
Ion Ratio Lower Upper
112 100
64 56.4 44.7 67.1
63 29.4 23.5 35.3

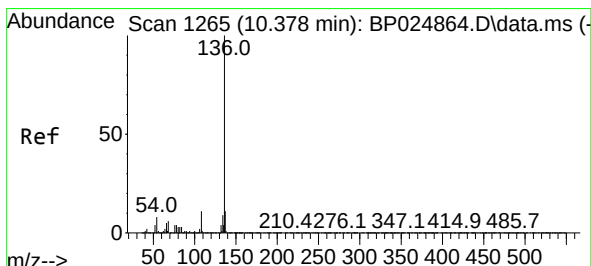
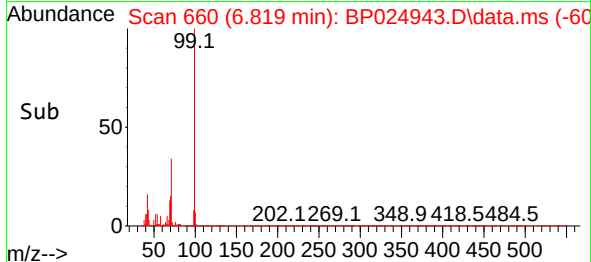
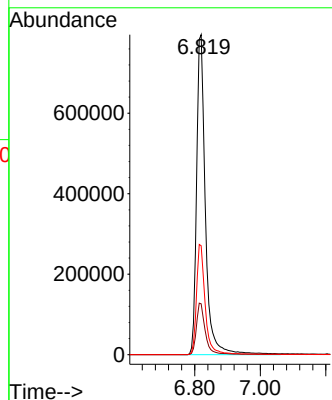
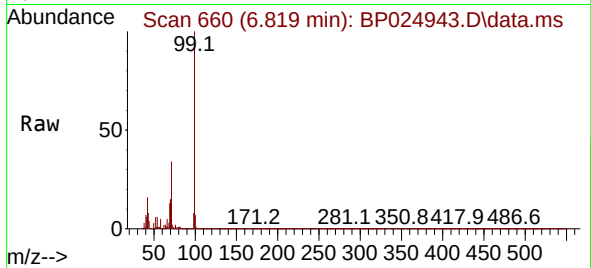




#7
Phenol-d6
Concen: 93.842 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

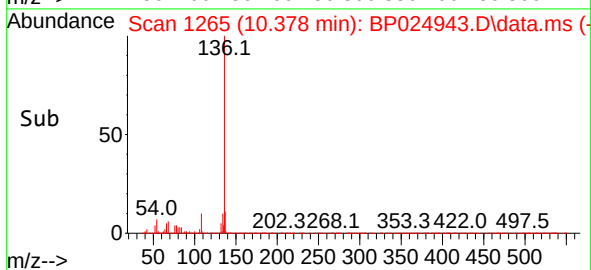
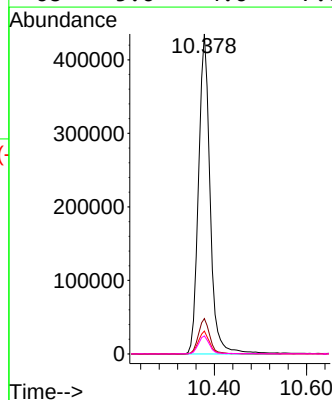
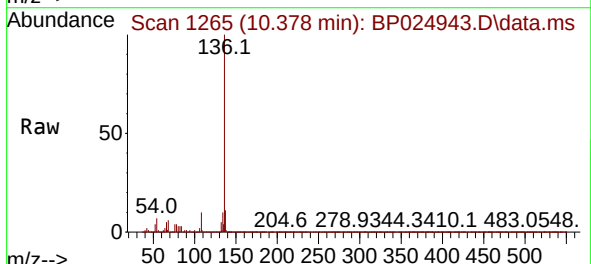
Instrument :
BNA_P
ClientSampleId :
TP01-MH1-WC

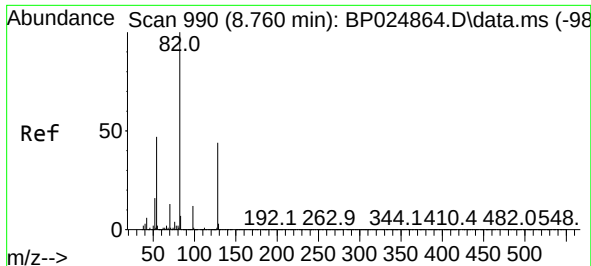
Tgt Ion: 99 Resp: 1499669
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 34.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

Tgt Ion: 136 Resp: 758772
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

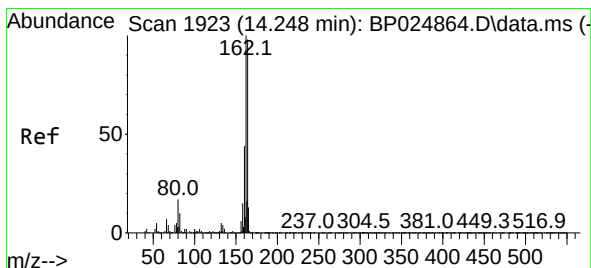
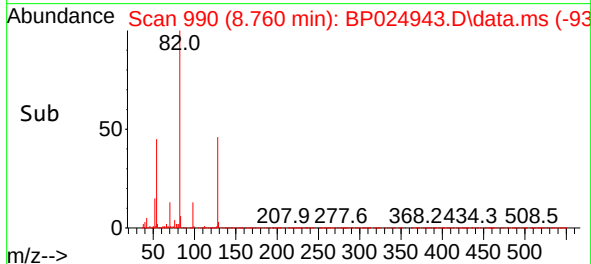
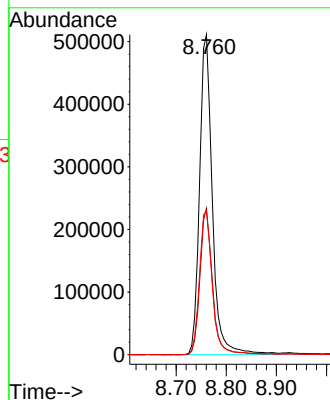
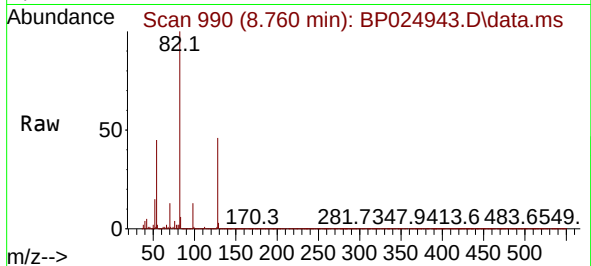




#23
Nitrobenzene-d5
Concen: 57.945 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

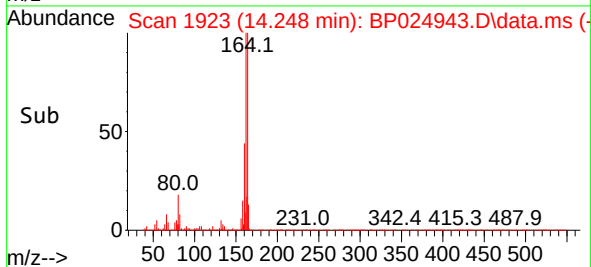
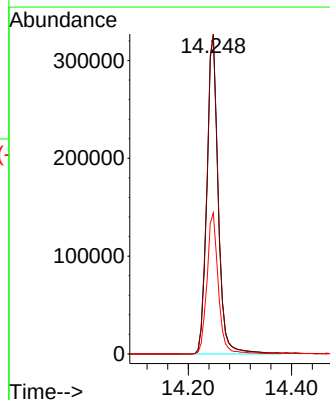
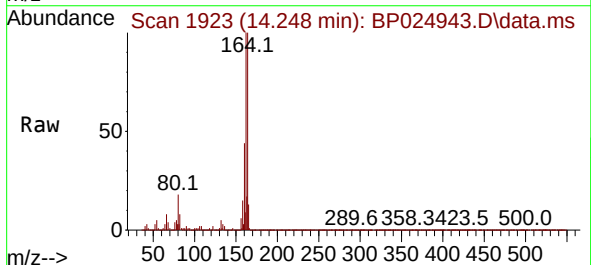
Instrument :
BNA_P
ClientSampleId :
TP01-MH1-WC

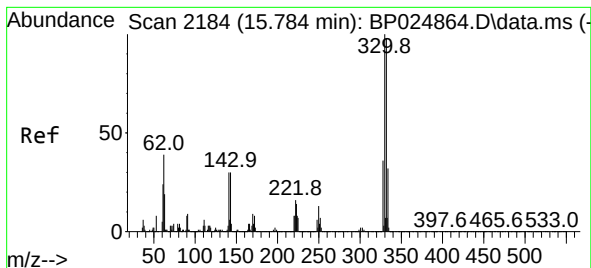
Tgt Ion: 82 Resp: 904803
Ion Ratio Lower Upper
82 100
128 45.8 35.3 52.9
54 45.0 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

Tgt Ion:164 Resp: 492478
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 44.3 36.2 54.2

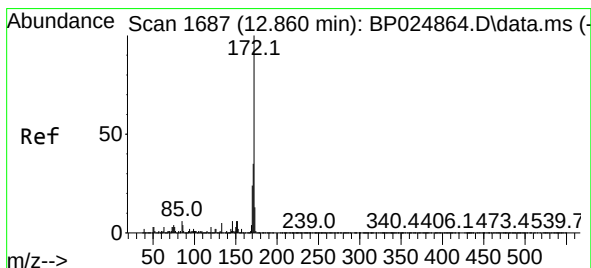
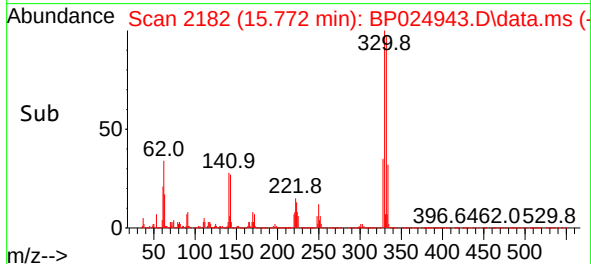
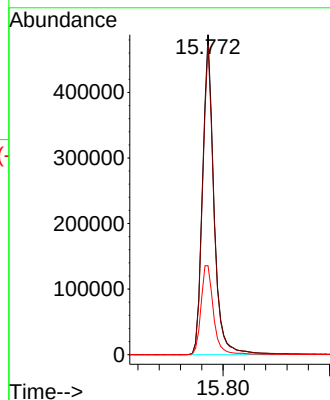
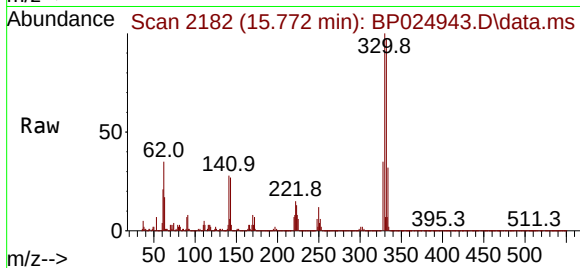




#42
2,4,6-Tribromophenol
Concen: 106.459 ng
RT: 15.772 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

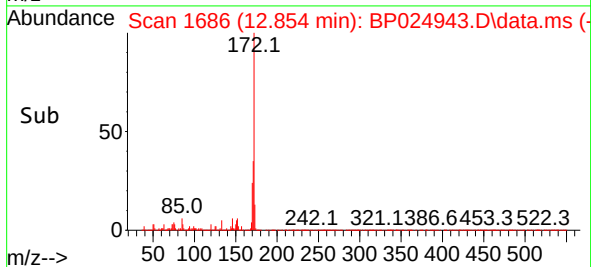
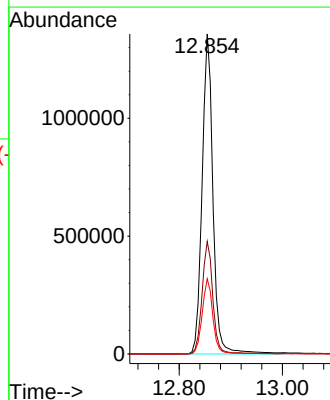
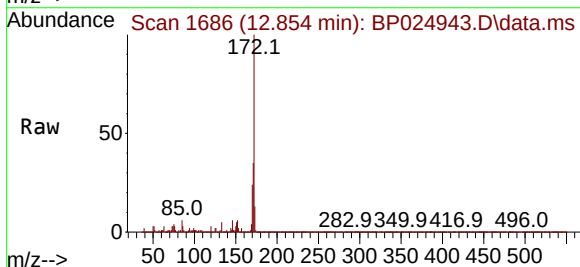
Instrument :
BNA_P
ClientSampleId :
TP01-MH1-WC

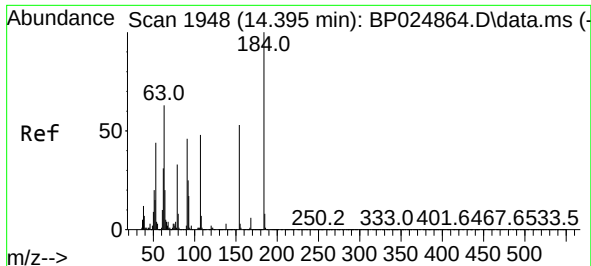
Tgt Ion: 330 Resp: 724855
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 30.6 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 54.194 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

Tgt Ion: 172 Resp: 1981197
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.0 28.4

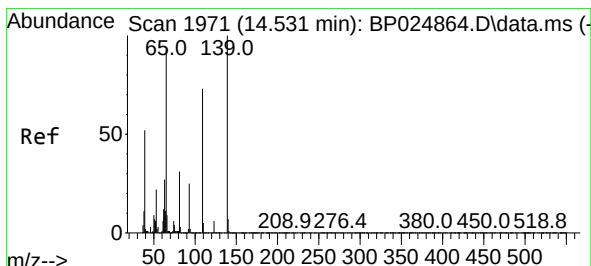
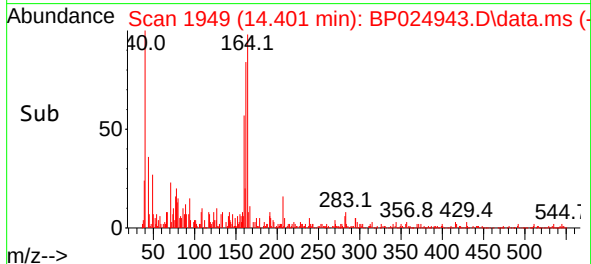
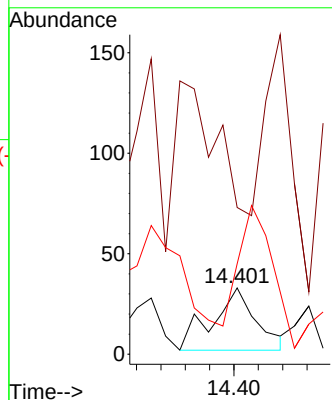
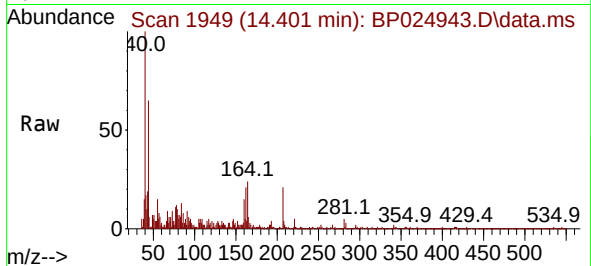




#54
2,4-Dinitrophenol
Concen: 5.571 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

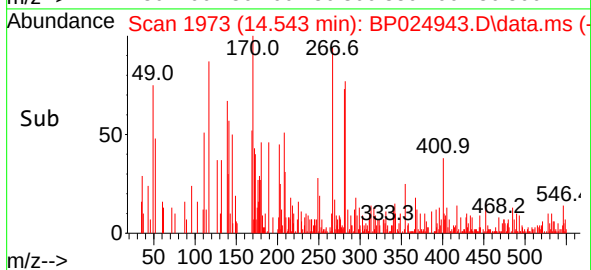
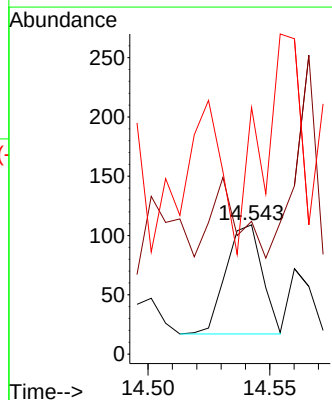
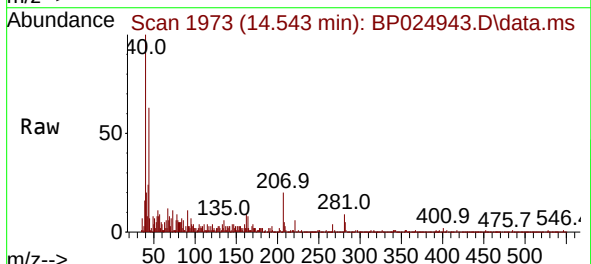
Instrument :
BNA_P
ClientSampleId :
TP01-MH1-WC

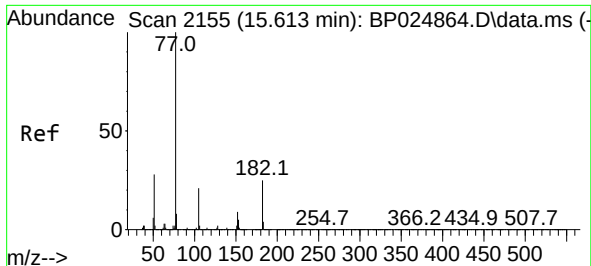
Tgt Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 221.2 51.0 76.4#
154 136.4 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.422 ng
RT: 14.543 min Scan# 1973
Delta R.T. 0.011 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

Tgt Ion:139 Resp: 95
Ion Ratio Lower Upper
139 100
109 117.4 53.1 93.1#
65 190.8 73.0 113.0#

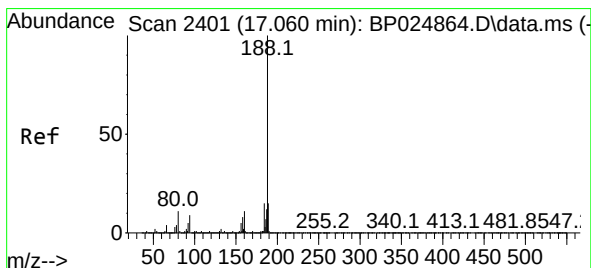
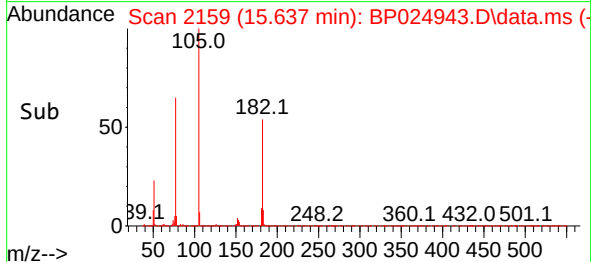
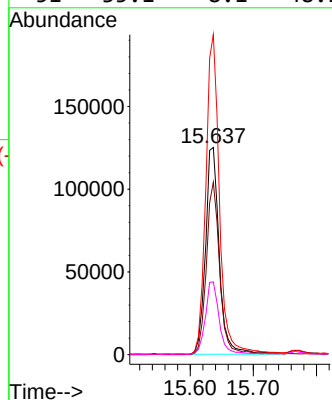
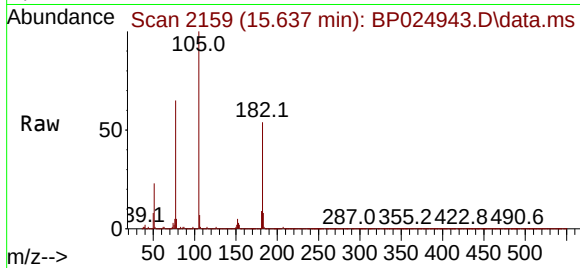




#63
Azobenzene
Concen: 5.706 ng
RT: 15.637 min Scan# 2155
Delta R.T. 0.024 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

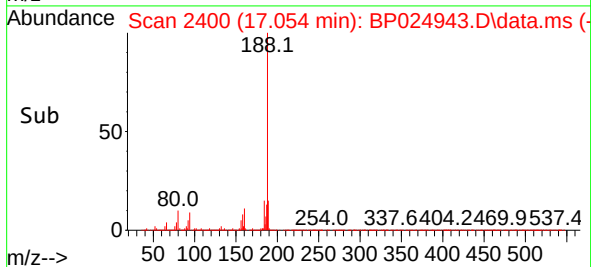
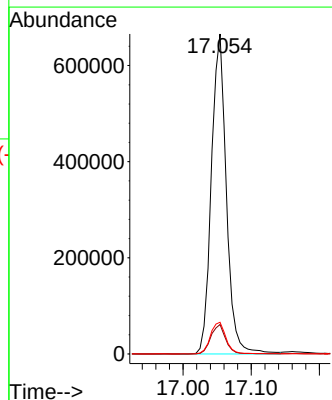
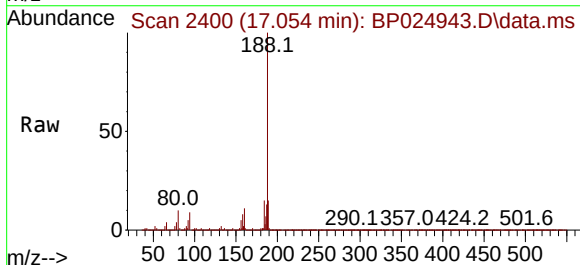
Instrument :
BNA_P
ClientSampleId :
TP01-MH1-WC

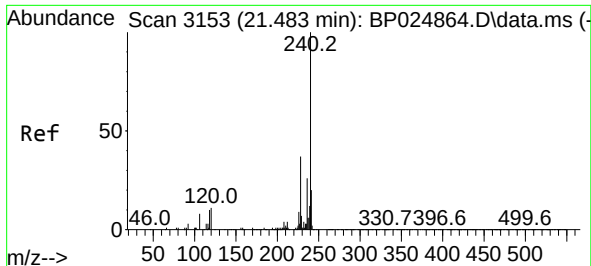
Tgt Ion: 77 Resp: 189487
Ion Ratio Lower Upper
77 100
182 83.3 5.4 45.4#
105 154.4 0.8 40.8#
51 35.1 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

Tgt Ion: 188 Resp: 1019771
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 9.9 8.5 12.7

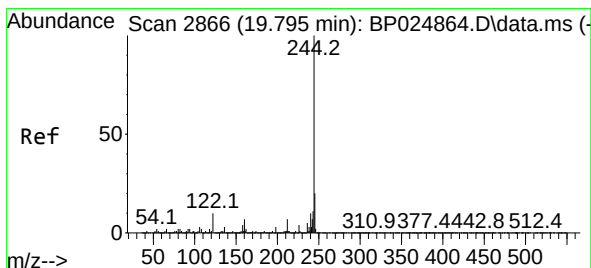
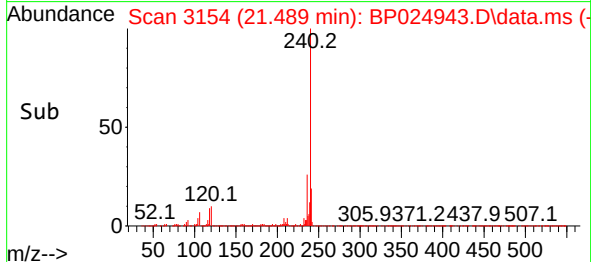
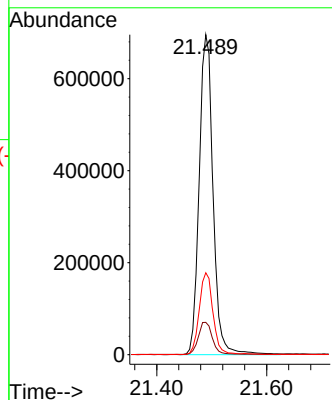
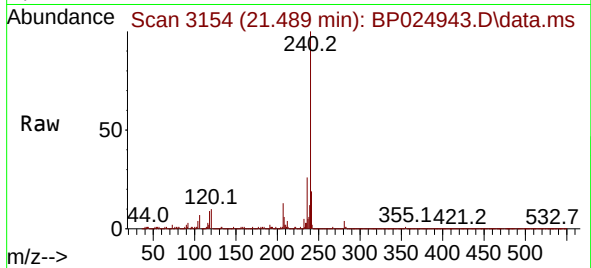




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

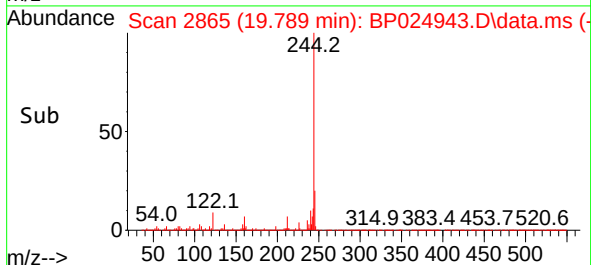
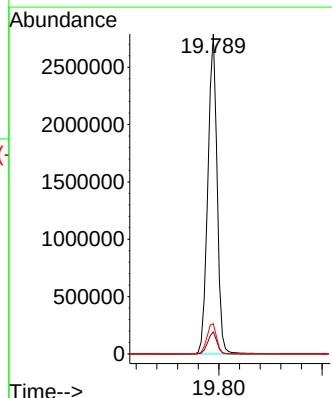
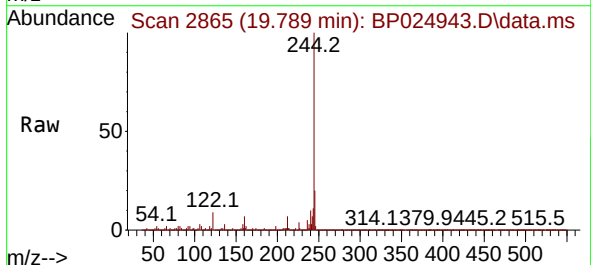
Instrument :
BNA_P
ClientSampleId :
TP01-MH1-WC

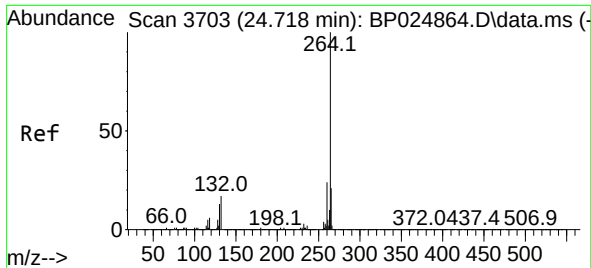
Tgt Ion:240 Resp: 1220191
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 50.863 ng
RT: 19.789 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BP024943.D
Acq: 13 Jun 2025 14:10

Tgt Ion:244 Resp: 3462833
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 9.4 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: BP024943.D
 Acq: 13 Jun 2025 14:10

Instrument :
 BNA_P
 ClientSampleId :
 TP01-MH1-WC

Tgt Ion:264 Resp: 1459590
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 22.5 17.4 26.0

