

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024942.D
 Acq On : 13 Jun 2025 13:29
 Operator : RC/JU
 Sample : Q2296-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-5

Quant Time: Jun 13 13:51:55 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)

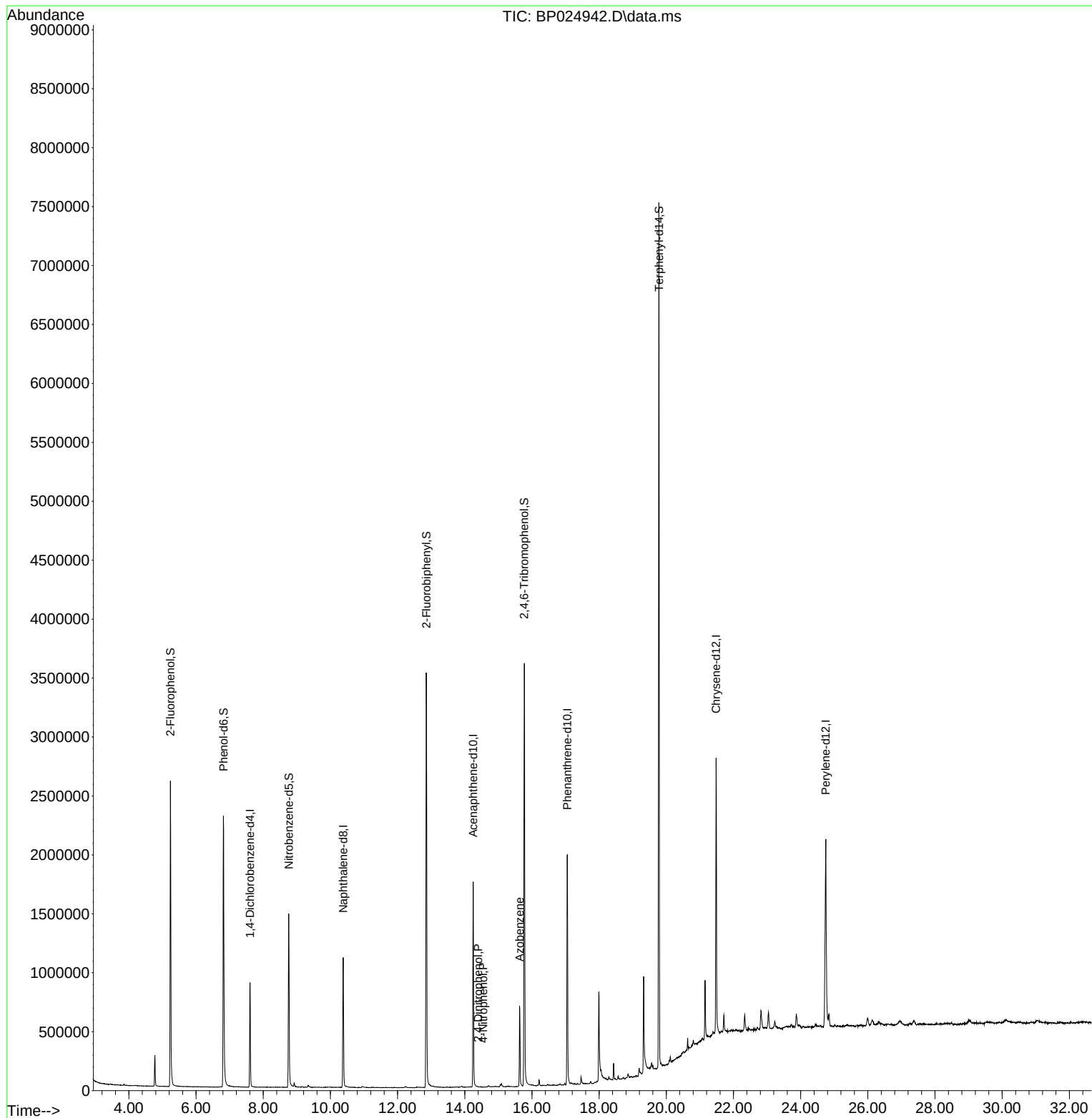
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	241802	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	936849	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	618198	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1295353	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1339085	20.000	ng	0.00
86) Perylene-d12	24.748	264	1580146	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1219575	84.189	ng	0.00
7) Phenol-d6	6.814	99	1581245	82.500	ng	0.00
23) Nitrobenzene-d5	8.761	82	936613	48.581	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	870058	101.798	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	2119937	46.196	ng	0.00
79) Terphenyl-d14	19.783	244	3896664	52.153	ng	-0.01
Target Compounds						
54) 2,4-Dinitrophenol	14.401	184	13	5.565	ng	# 1
56) 4-Nitrophenol	14.548	139	105	5.421	ng	93
63) Azobenzene	15.631	77	214906	5.156	ng	# 1

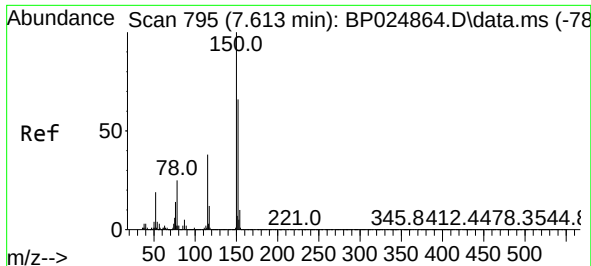
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024942.D
Acq On : 13 Jun 2025 13:29
Operator : RC/JU
Sample : Q2296-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-5

Quant Time: Jun 13 13:51:55 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

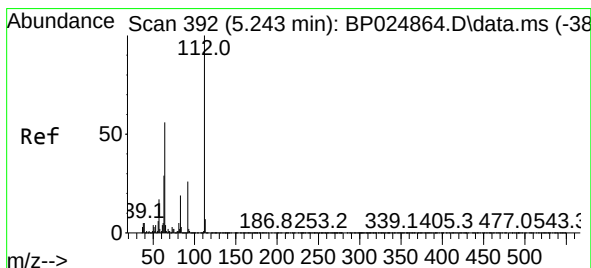
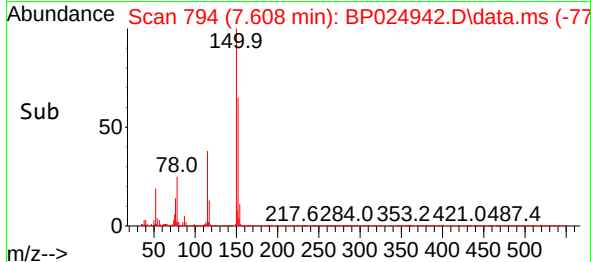
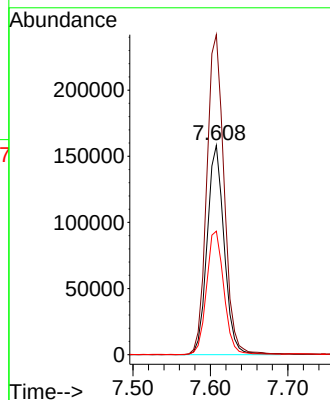
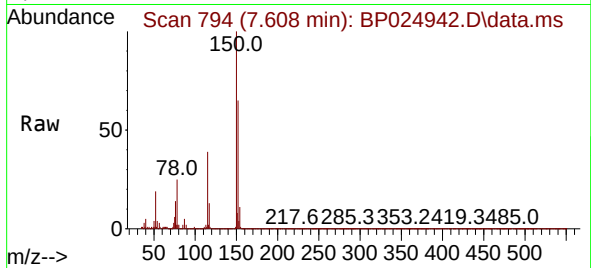




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

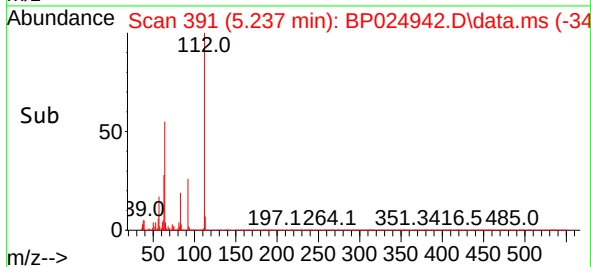
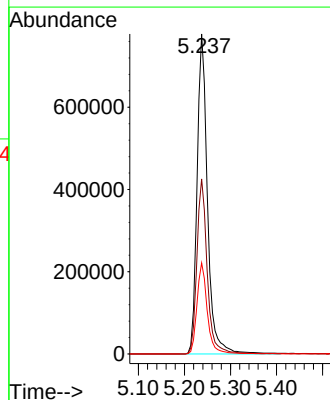
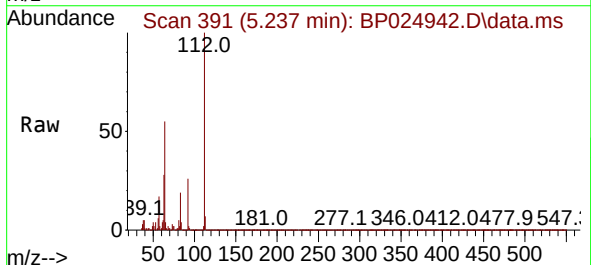
Instrument :
BNA_P
ClientSampleId :
WC-5

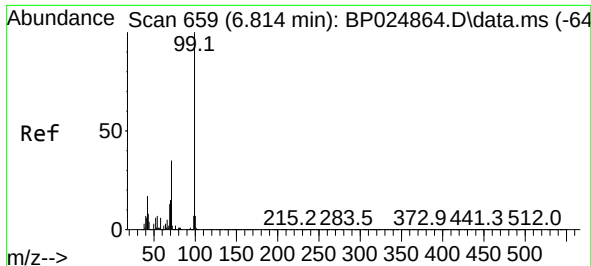
Tgt Ion:152 Resp: 241802
Ion Ratio Lower Upper
152 100
150 152.9 122.1 183.1
115 59.0 46.4 69.6



#5
2-Fluorophenol
Concen: 84.189 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

Tgt Ion:112 Resp: 1219575
Ion Ratio Lower Upper
112 100
64 54.7 44.7 67.1
63 28.5 23.5 35.3

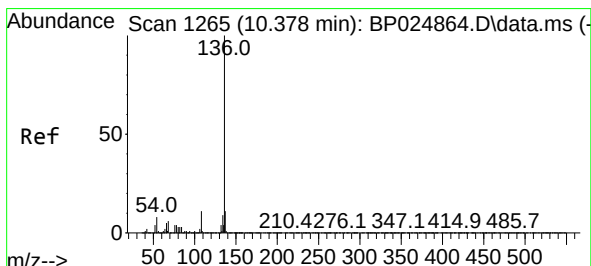
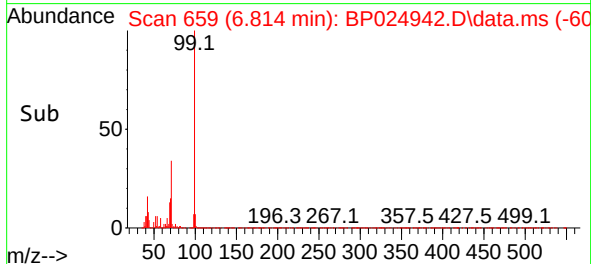
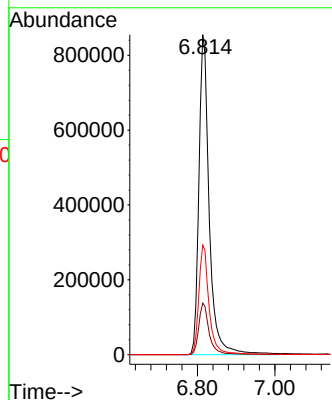
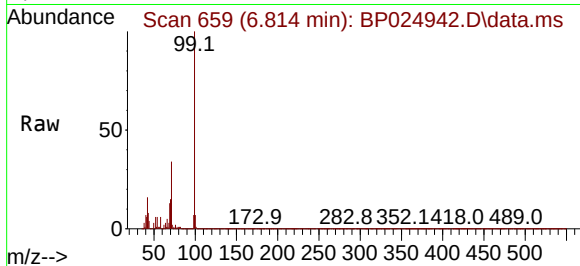




#7
Phenol-d6
Concen: 82.500 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

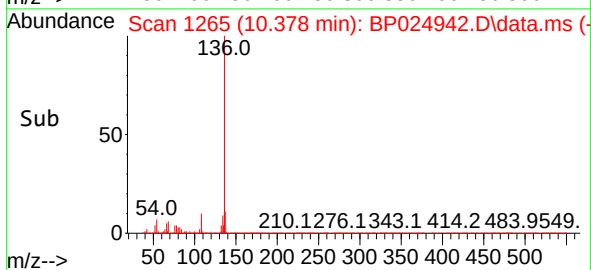
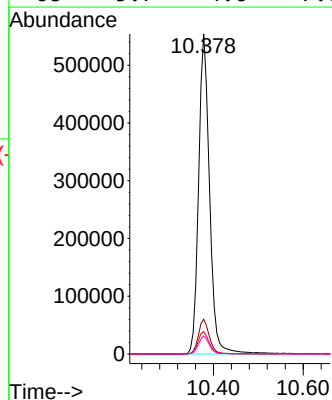
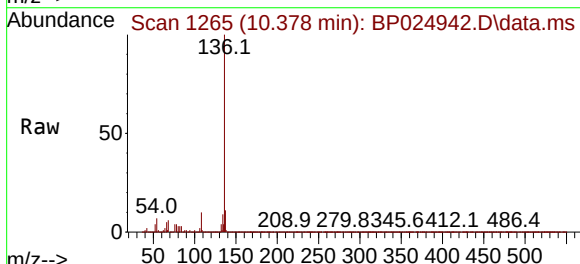
Instrument :
BNA_P
ClientSampleId :
WC-5

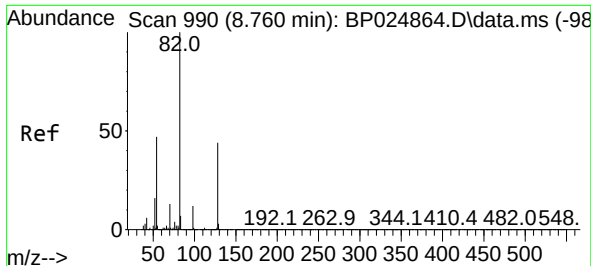
Tgt Ion: 99 Resp: 1581245
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 34.3 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

Tgt Ion: 136 Resp: 936849
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 6.1 9.1
68 5.7 4.6 7.0

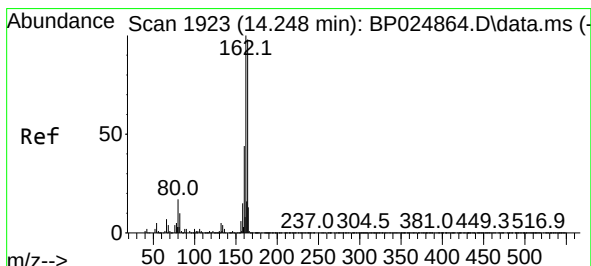
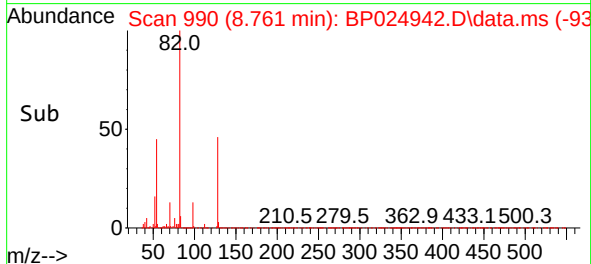
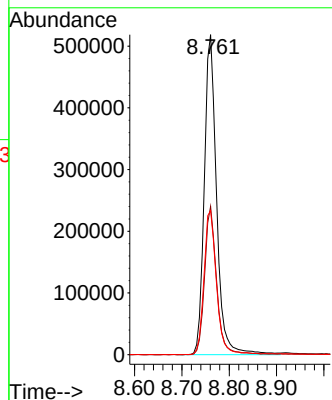
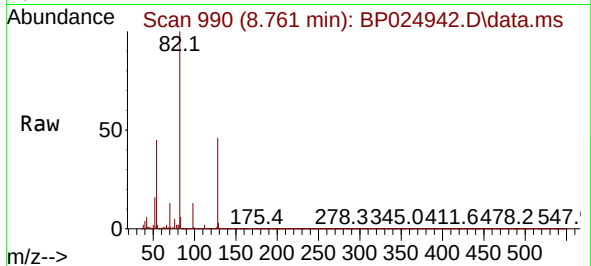




#23
Nitrobenzene-d5
Concen: 48.581 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

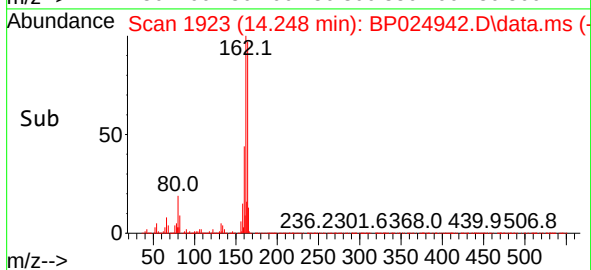
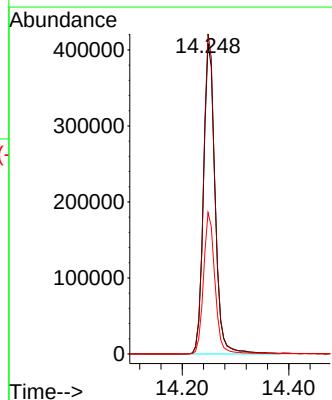
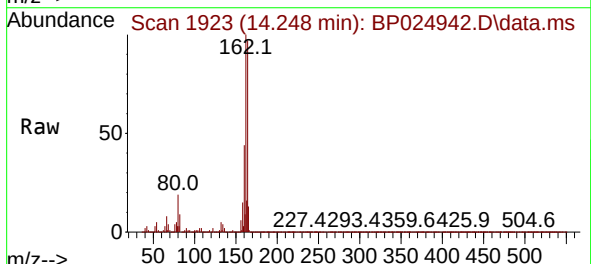
Instrument :
BNA_P
ClientSampleId :
WC-5

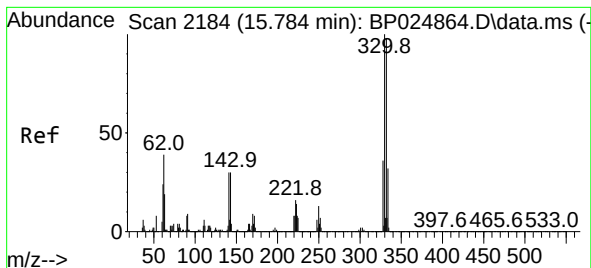
Tgt Ion: 82 Resp: 936613
Ion Ratio Lower Upper
82 100
128 46.3 35.3 52.9
54 45.0 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

Tgt Ion:164 Resp: 618198
Ion Ratio Lower Upper
164 100
162 103.0 81.6 122.4
160 45.6 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 101.798 ng

RT: 15.772 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024942.D

Acq: 13 Jun 2025 13:29

Instrument :

BNA_P

ClientSampleId :

WC-5

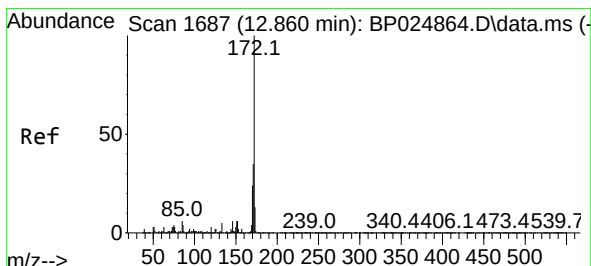
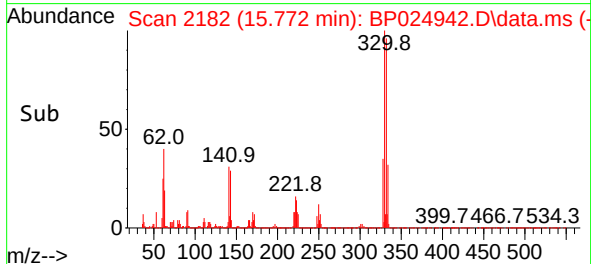
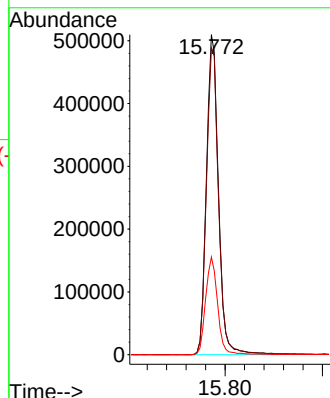
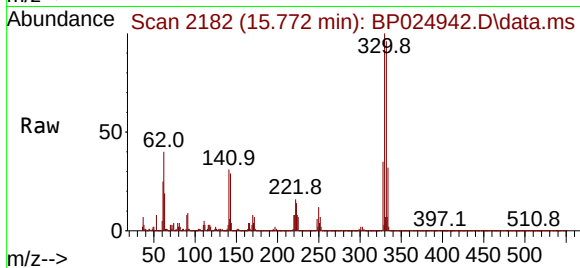
Tgt Ion:330 Resp: 870058

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 30.4 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 46.196 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024942.D

Acq: 13 Jun 2025 13:29

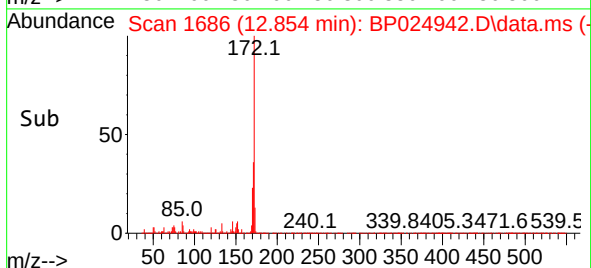
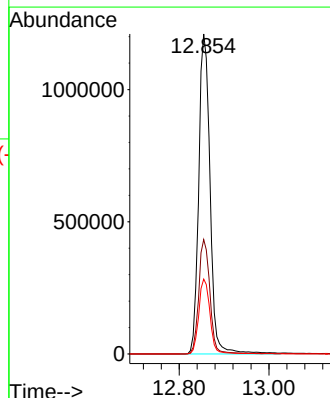
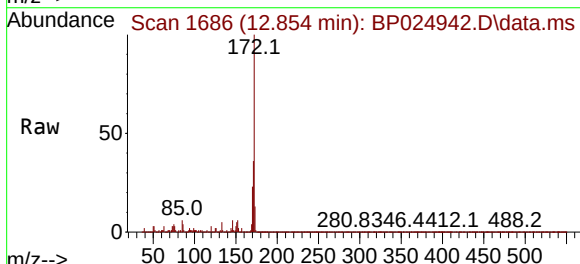
Tgt Ion:172 Resp: 2119937

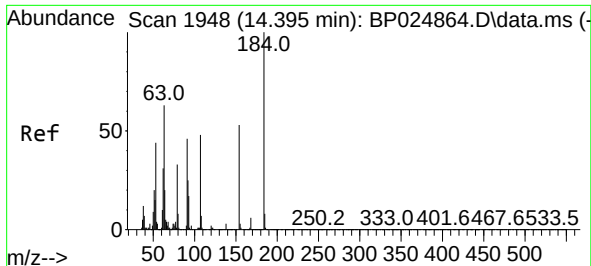
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 19.0 28.4

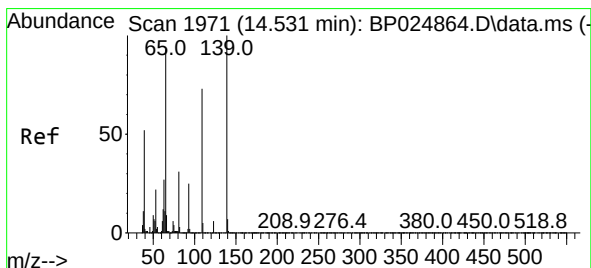
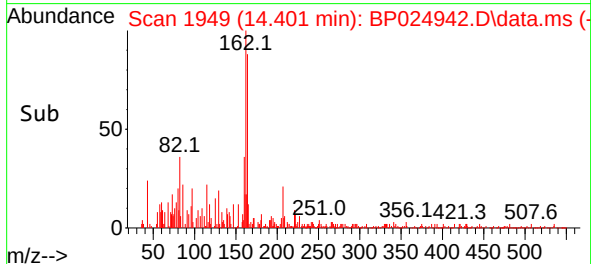
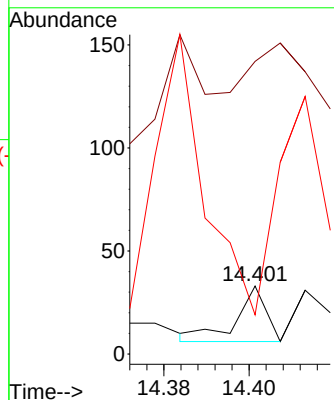
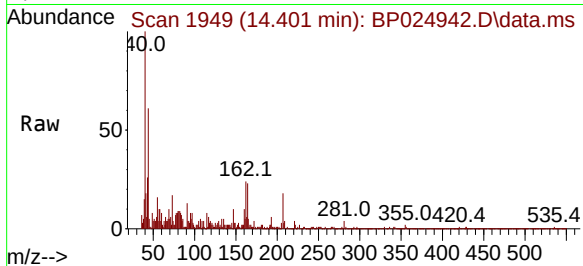




#54
2,4-Dinitrophenol
Concen: 5.565 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

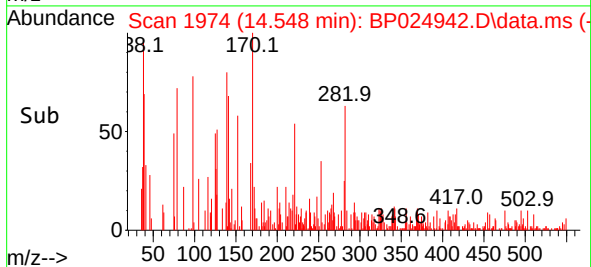
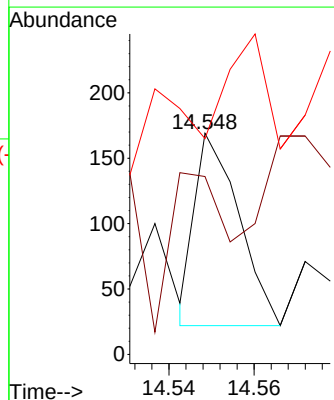
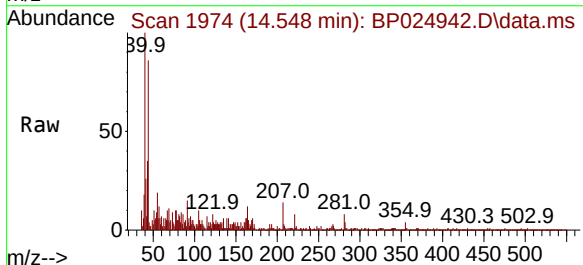
Instrument :
BNA_P
ClientSampleId :
WC-5

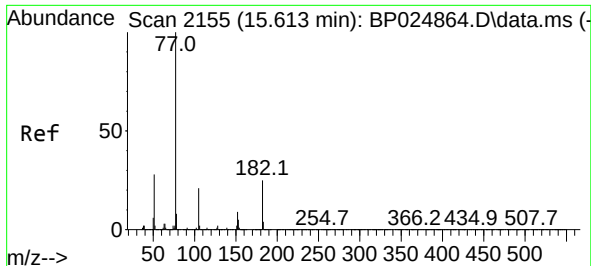
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 430.3 51.0 76.4#
154 142.4 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.421 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

Tgt Ion:139 Resp: 105
Ion Ratio Lower Upper
139 100
109 80.5 53.1 93.1
65 97.6 73.0 113.0

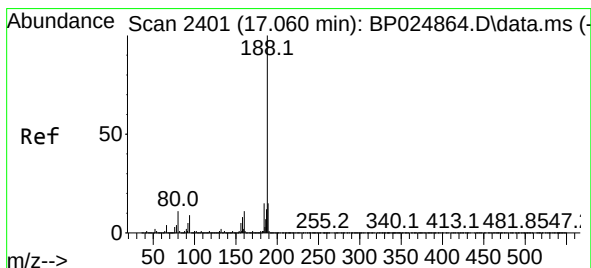
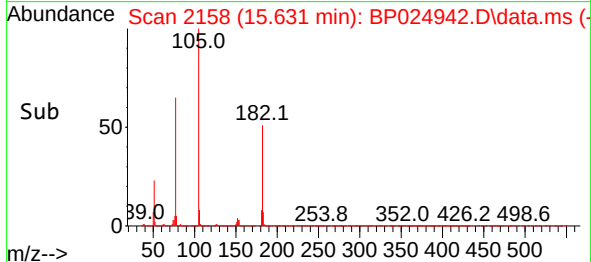
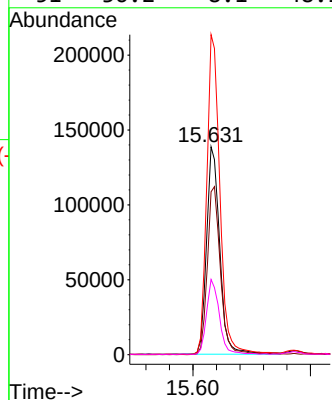
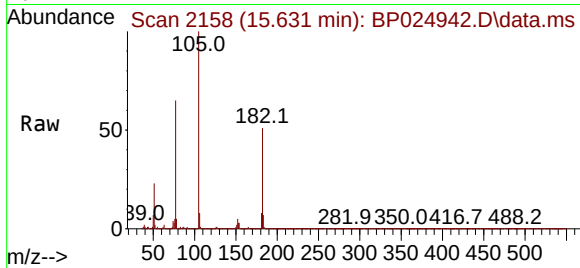




#63
Azobenzene
Concen: 5.156 ng
RT: 15.631 min Scan# 2155
Delta R.T. 0.018 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

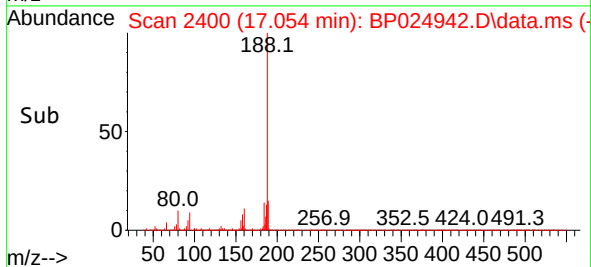
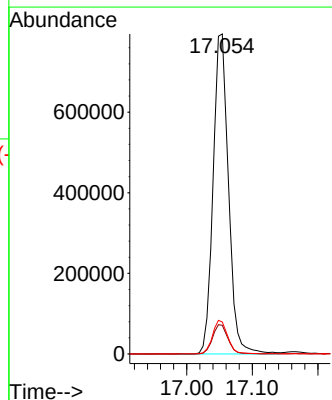
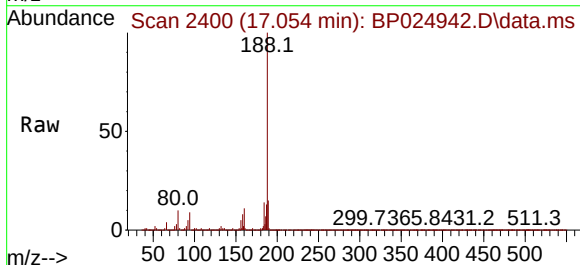
Instrument :
BNA_P
ClientSampleId :
WC-5

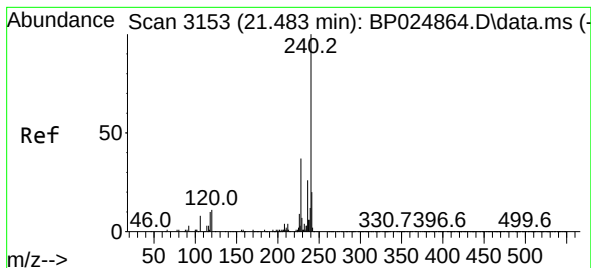
Tgt Ion: 77	Resp: 214906
Ion Ratio	Lower Upper
77 100	
182 78.4	5.4 45.4#
105 154.0	0.8 40.8#
51 36.2	8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024942.D
Acq: 13 Jun 2025 13:29

Tgt Ion: 188	Resp: 1295353
Ion Ratio	Lower Upper
188 100	
94 9.0	7.3 10.9
80 10.0	8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.483 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BP024942.D

Acq: 13 Jun 2025 13:29

Instrument :

BNA_P

ClientSampleId :

WC-5

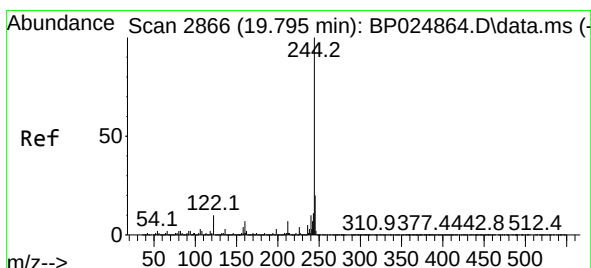
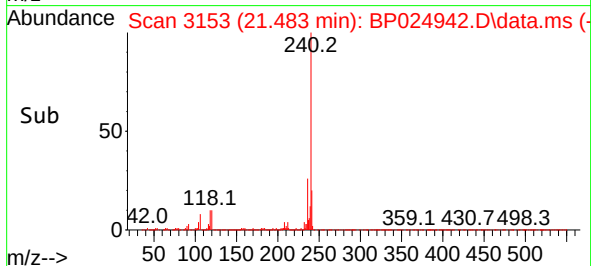
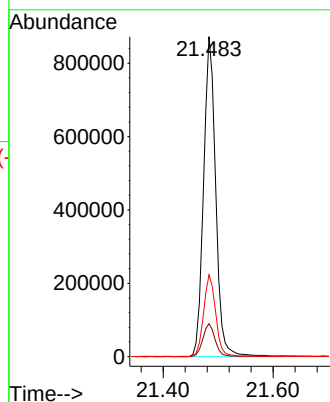
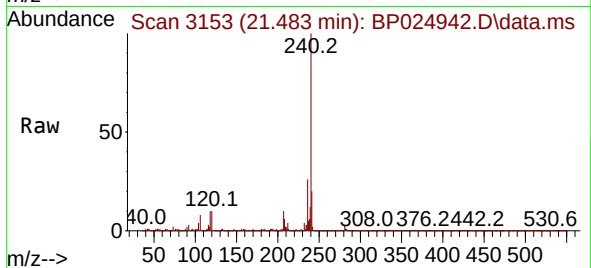
Tgt Ion:240 Resp: 1339085

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 20.9 31.3



#79

Terphenyl-d14

Concen: 52.153 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024942.D

Acq: 13 Jun 2025 13:29

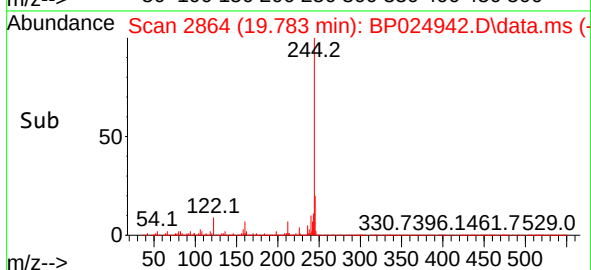
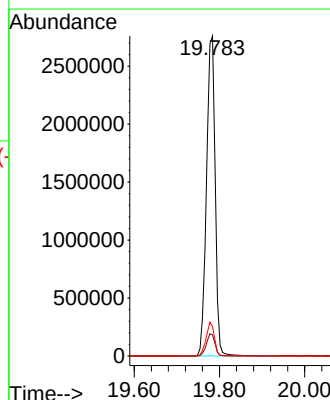
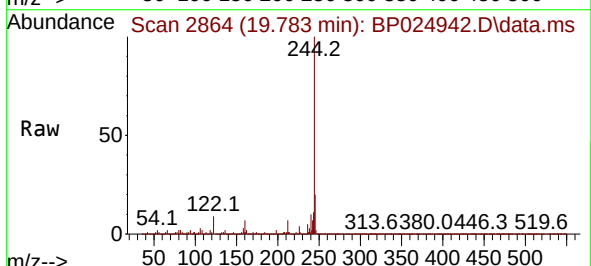
Tgt Ion:244 Resp: 3896664

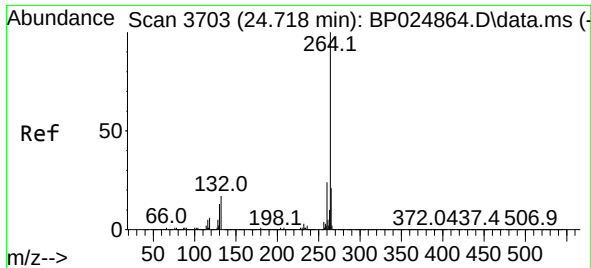
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.2 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.748 min Scan# 31
 Delta R.T. 0.029 min
 Lab File: BP024942.D
 Acq: 13 Jun 2025 13:29

Instrument :
 BNA_P
 ClientSampleId :
 WC-5

Tgt Ion:264 Resp: 1580146
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.4 17.4 26.0

