

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024738.D
 Acq On : 21 May 2025 15:29
 Operator : RC/JU
 Sample : PB168095BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168095BL

Quant Time: May 21 16:14:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

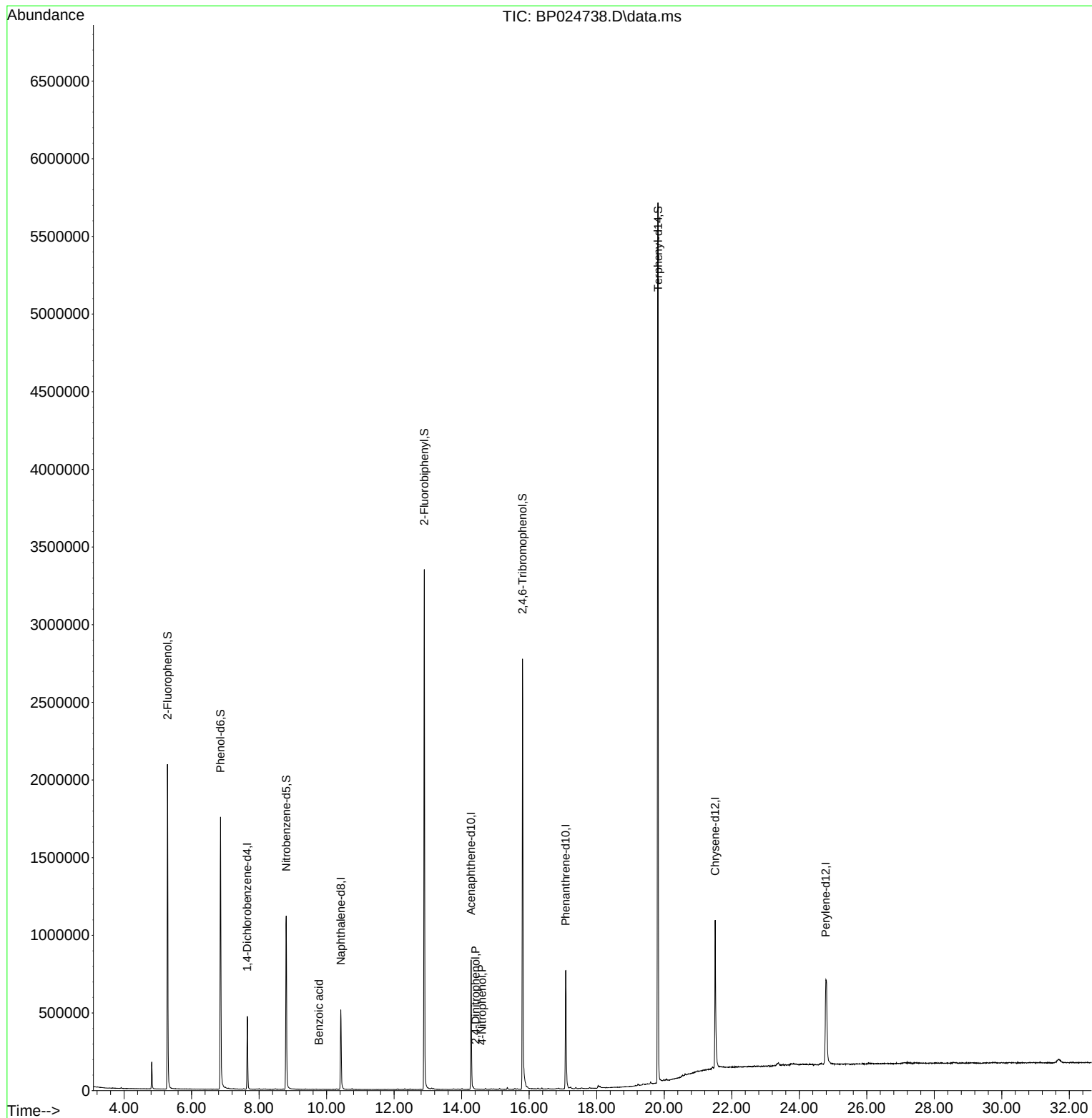
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	127862	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	471715	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	295075	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	590619	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	674995	20.000	ng	-0.01
86) Perylene-d12	24.786	264	779100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	936581	125.283	ng	0.00
7) Phenol-d6	6.858	99	1059294	111.025	ng	0.00
23) Nitrobenzene-d5	8.804	82	661685	70.875	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	716251	143.182	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1712520	76.035	ng	-0.01
79) Terphenyl-d14	19.816	244	3164354	80.384	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.775	122	39	7.475	ng	# 56
54) 2,4-Dinitrophenol	14.410	184	24	6.408	ng	87
56) 4-Nitrophenol	14.604	139	73	4.251	ng	# 83

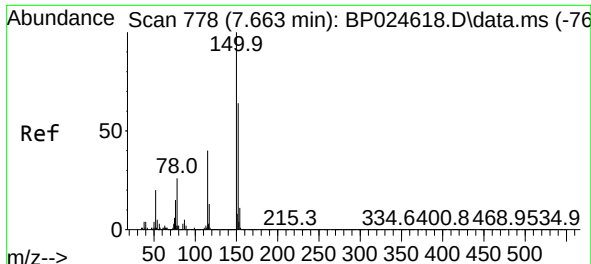
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
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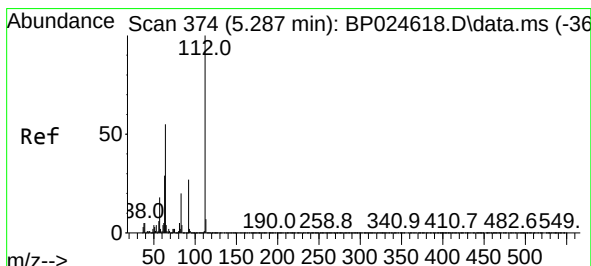
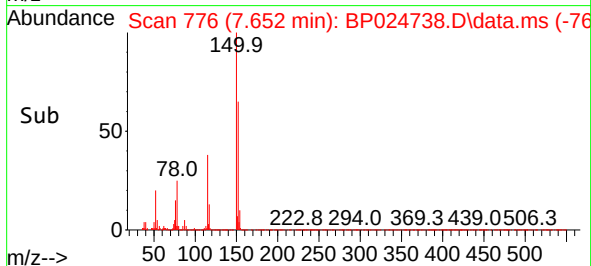
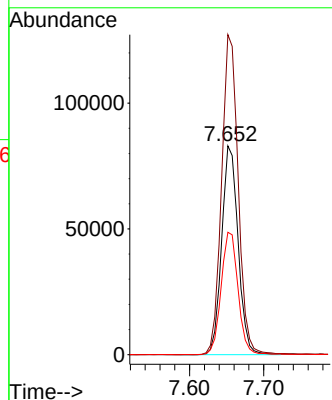
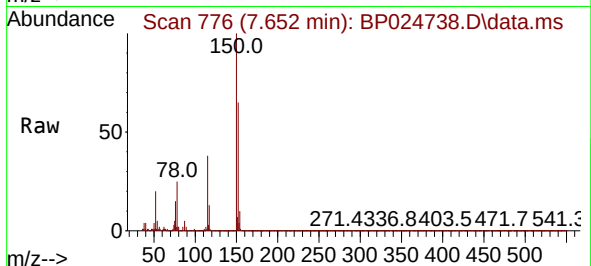




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

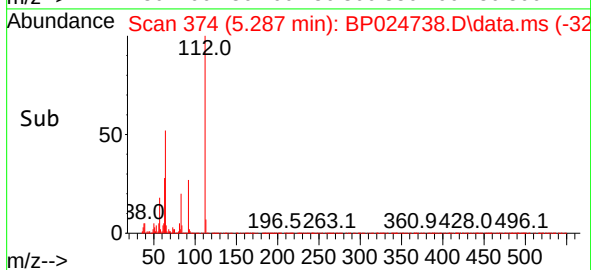
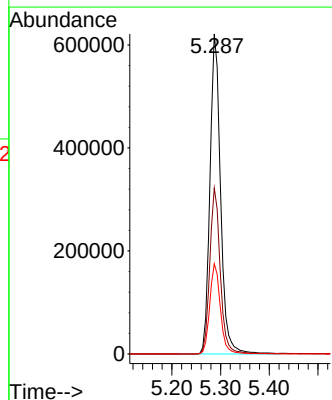
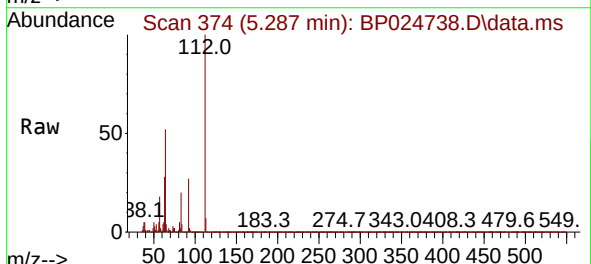
Instrument :
BNA_P
ClientSampleId :
PB168095BL

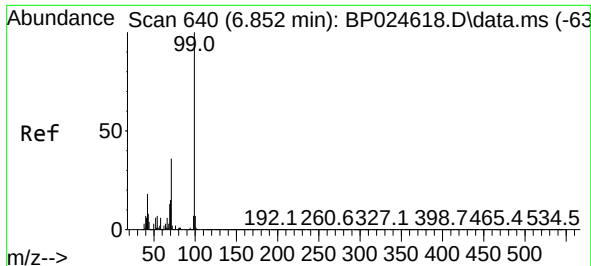
Tgt Ion:152 Resp: 127862
Ion Ratio Lower Upper
152 100
150 153.2 125.9 188.9
115 58.6 50.1 75.1



#5
2-Fluorophenol
Concen: 125.283 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

Tgt Ion:112 Resp: 936581
Ion Ratio Lower Upper
112 100
64 51.8 44.1 66.1
63 28.2 23.5 35.3

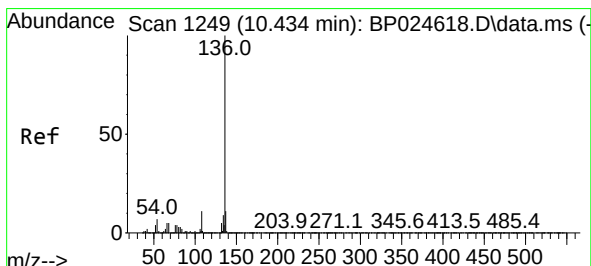
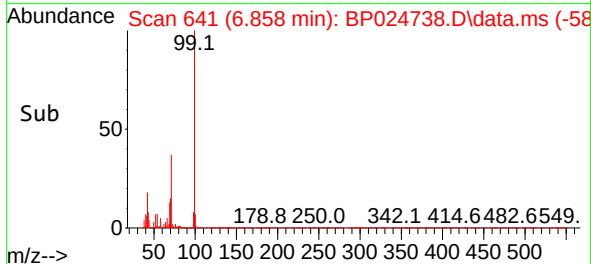
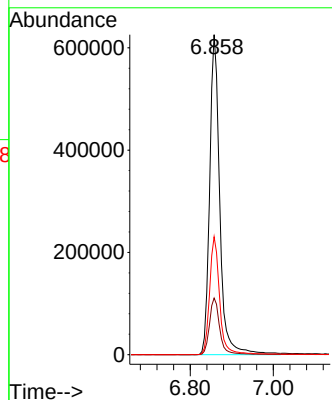
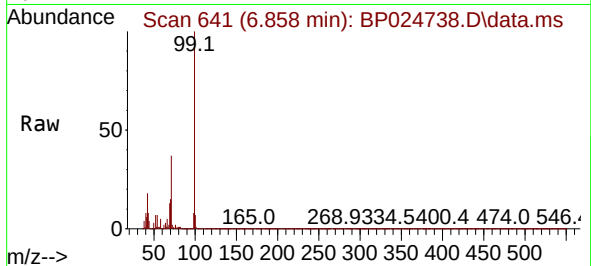




#7
Phenol-d6
Concen: 111.025 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

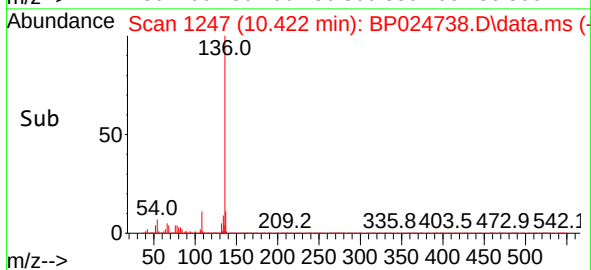
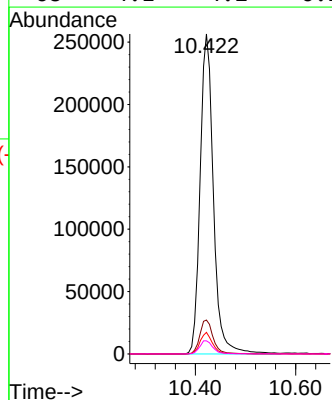
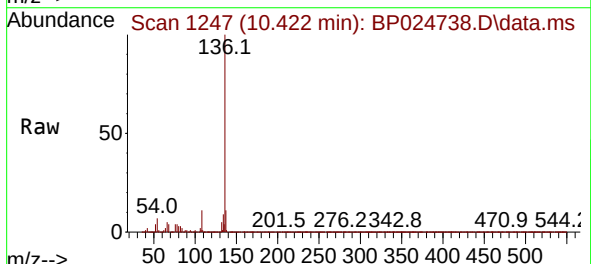
Instrument :
BNA_P
ClientSampleId :
PB168095BL

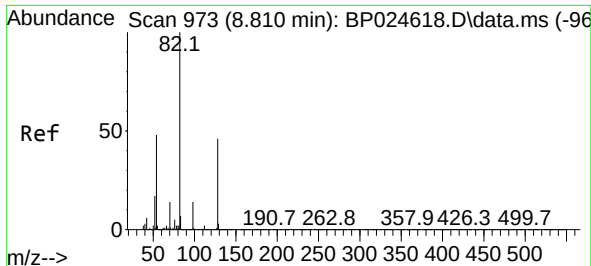
Tgt Ion: 99 Resp: 1059294
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

Tgt Ion: 136 Resp: 471715
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.5 8.3
68 4.1 4.2 6.2

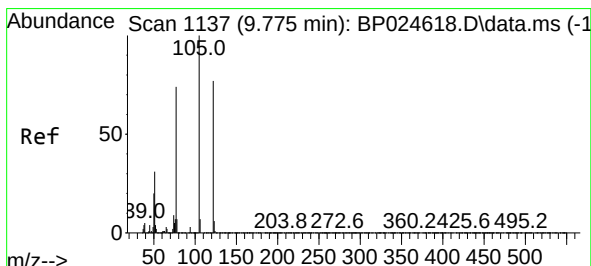
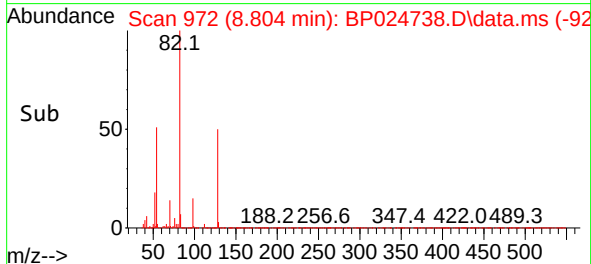
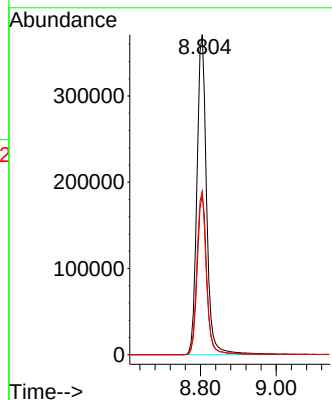
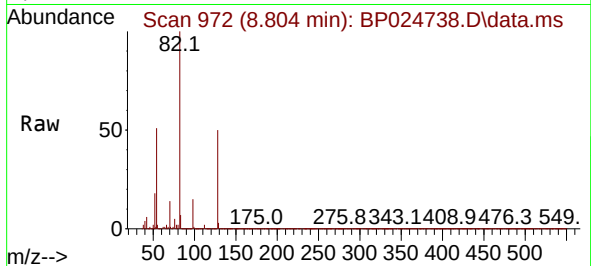




#23
Nitrobenzene-d5
Concen: 70.875 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

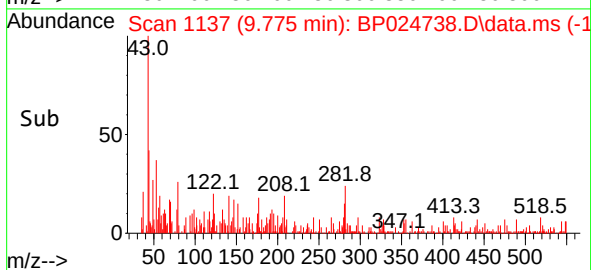
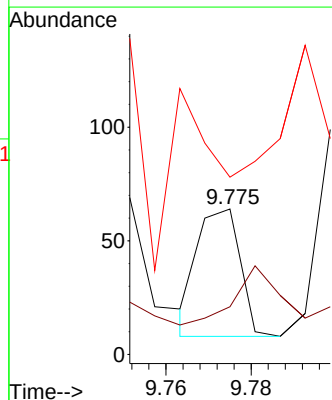
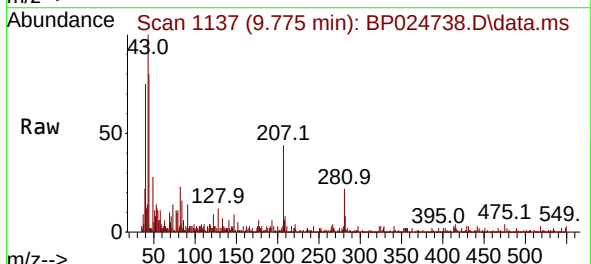
Instrument :
BNA_P
ClientSampleId :
PB168095BL

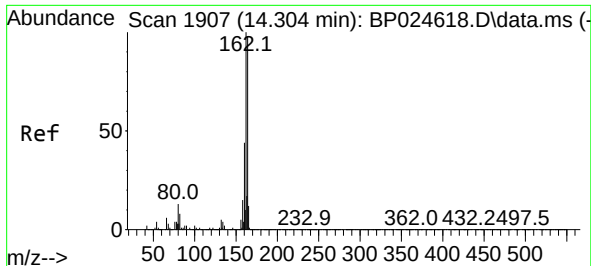
Tgt Ion: 82 Resp: 661685
Ion Ratio Lower Upper
82 100
128 50.1 37.0 55.4
54 51.1 38.7 58.1



#32
Benzoic acid
Concen: 7.475 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

Tgt Ion: 122 Resp: 39
Ion Ratio Lower Upper
122 100
105 62.5 106.9 146.9#
77 121.9 75.1 115.1#

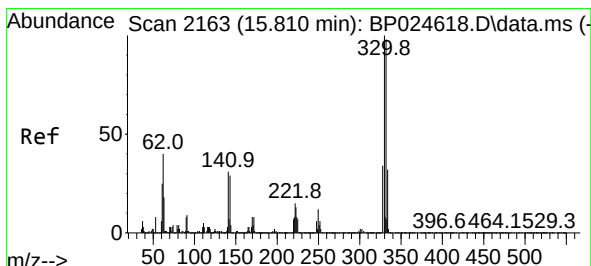
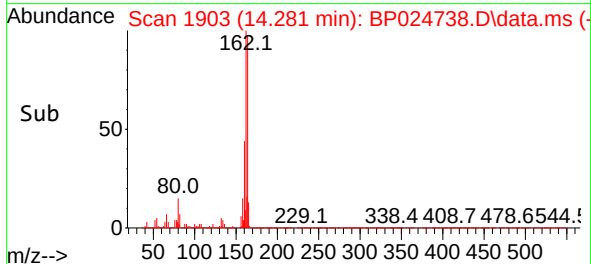
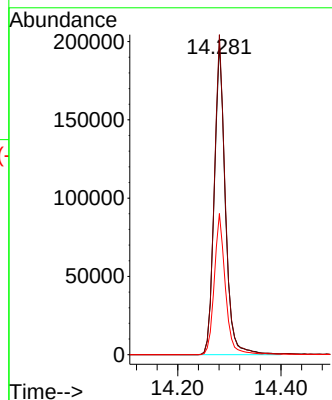
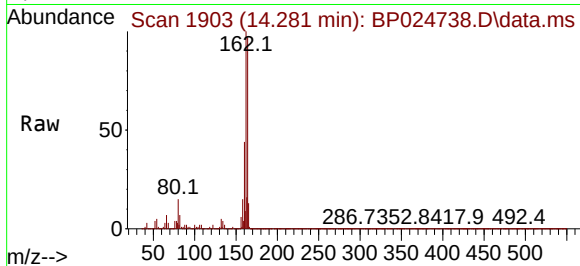




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

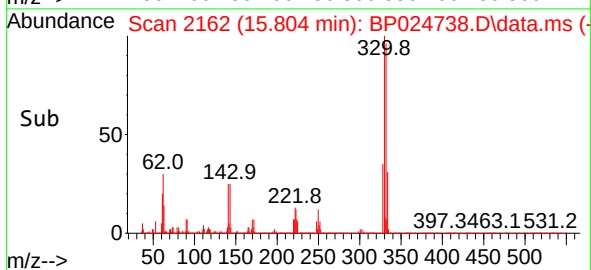
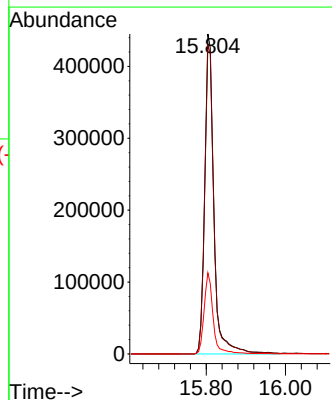
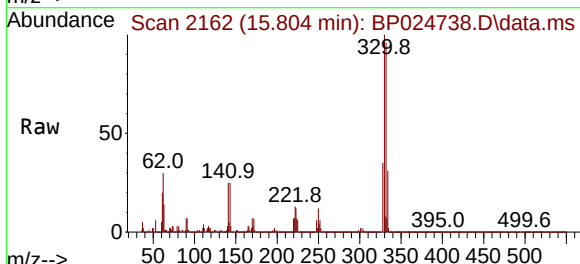
Instrument :
BNA_P
ClientSampleId :
PB168095BL

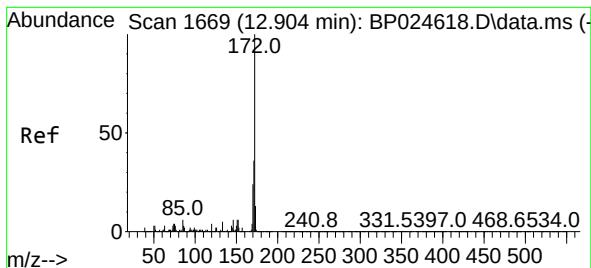
Tgt Ion:164 Resp: 295075
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 143.182 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

Tgt Ion:330 Resp: 716251
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 25.2 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 76.035 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024738.D

Acq: 21 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB168095BL

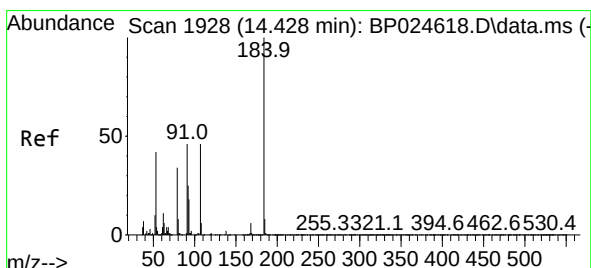
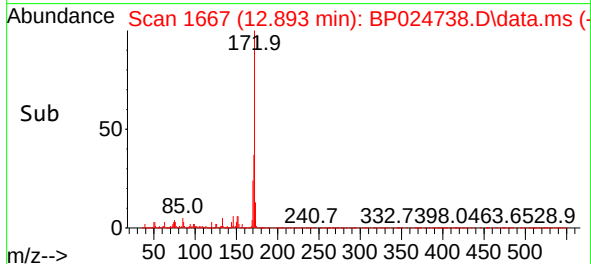
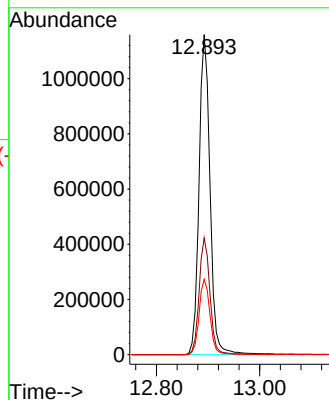
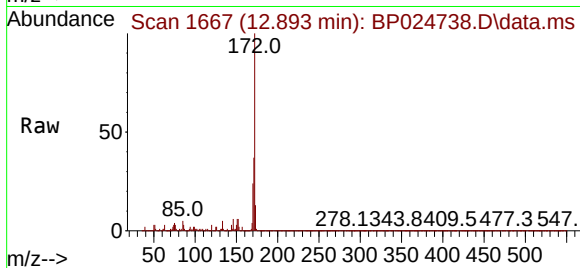
Tgt Ion:172 Resp: 1712520

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.408 ng

RT: 14.410 min Scan# 1925

Delta R.T. -0.018 min

Lab File: BP024738.D

Acq: 21 May 2025 15:29

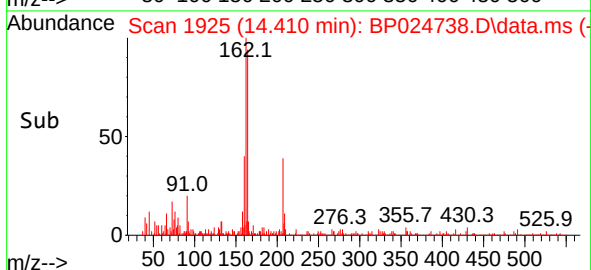
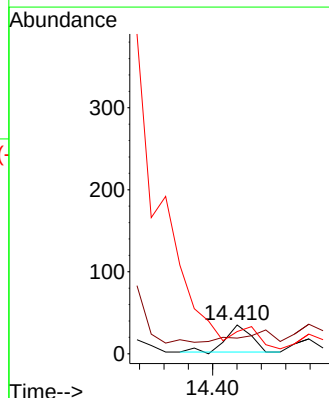
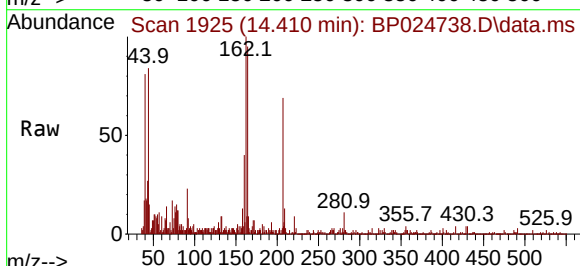
Tgt Ion:184 Resp: 24

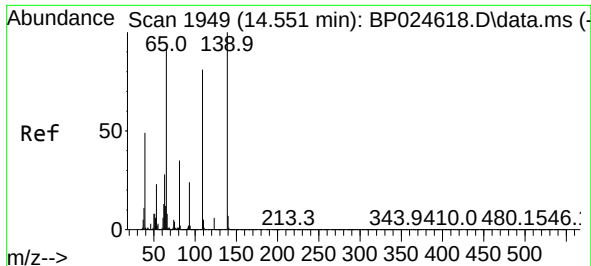
Ion Ratio Lower Upper

184 100

63 54.3 51.3 76.9

154 77.1 53.5 80.3

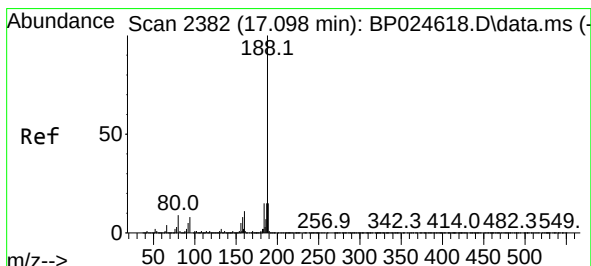
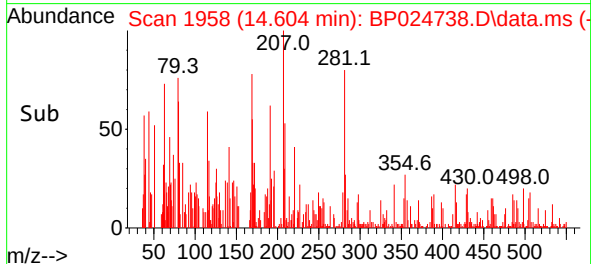
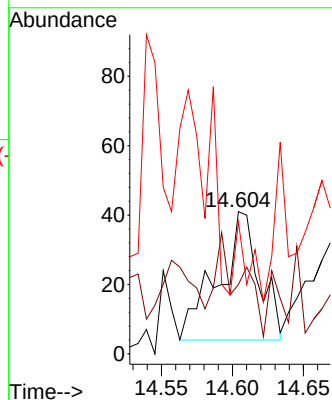
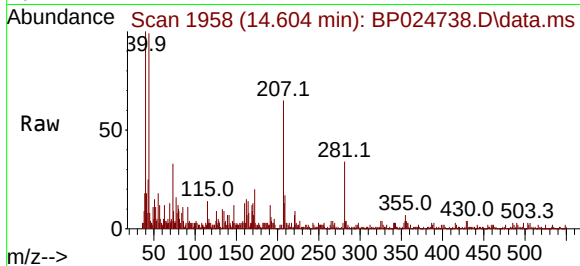




#56
4-Nitrophenol
Concen: 4.251 ng
RT: 14.604 min Scan# 1958
Delta R.T. 0.053 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

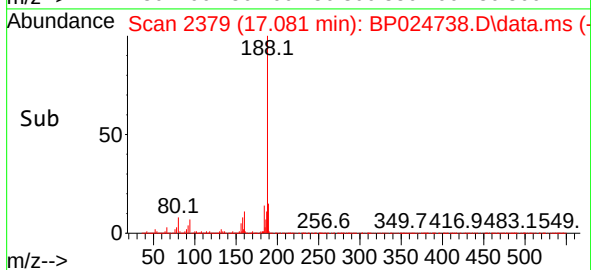
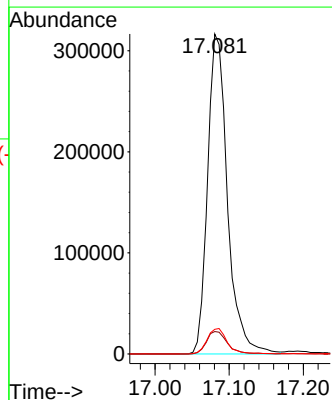
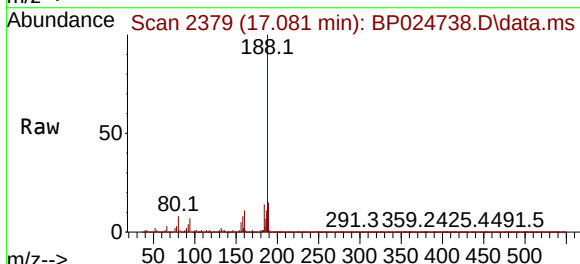
Instrument :
BNA_P
ClientSampleId :
PB168095BL

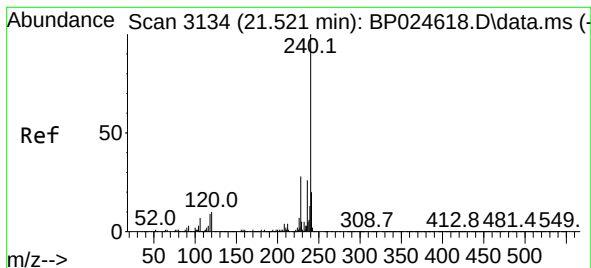
Tgt Ion:139 Resp: 73
Ion Ratio Lower Upper
139 100
109 48.8 61.4 101.4#
65 92.7 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024738.D
Acq: 21 May 2025 15:29

Tgt Ion:188 Resp: 590619
Ion Ratio Lower Upper
188 100
94 7.0 6.5 9.7
80 7.7 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024738.D

Acq: 21 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB168095BL

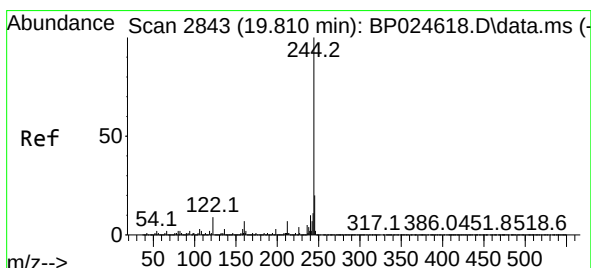
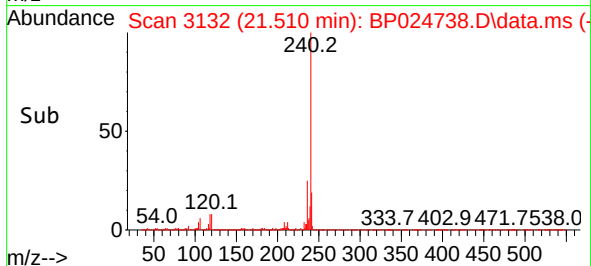
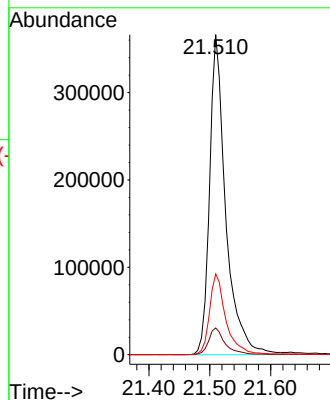
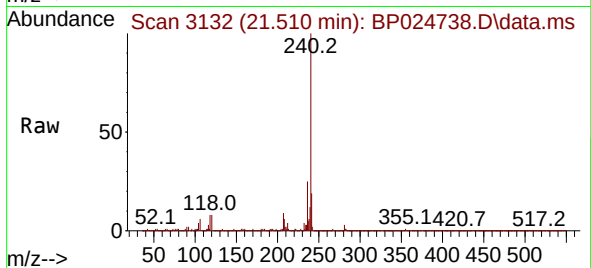
Tgt Ion:240 Resp: 674995

Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 80.384 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.006 min

Lab File: BP024738.D

Acq: 21 May 2025 15:29

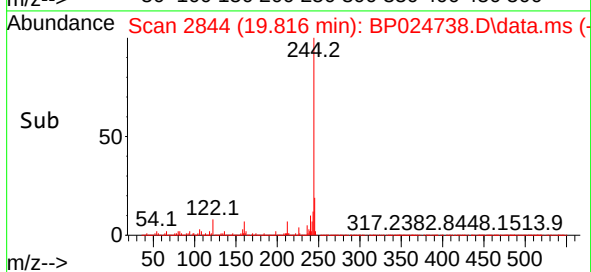
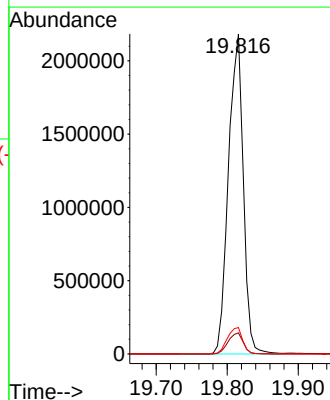
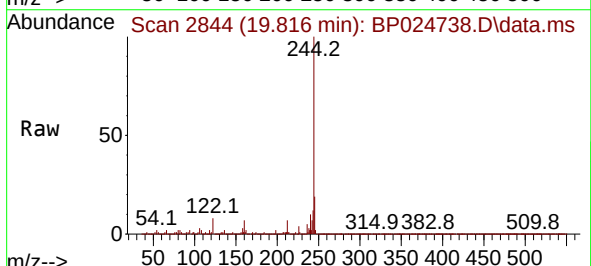
Tgt Ion:244 Resp: 3164354

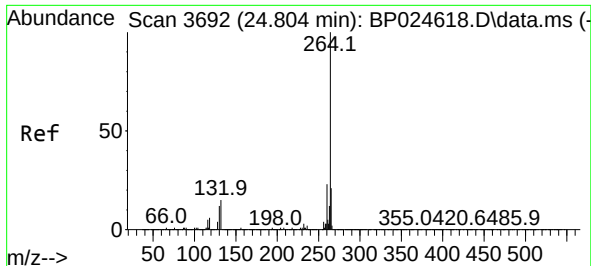
Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

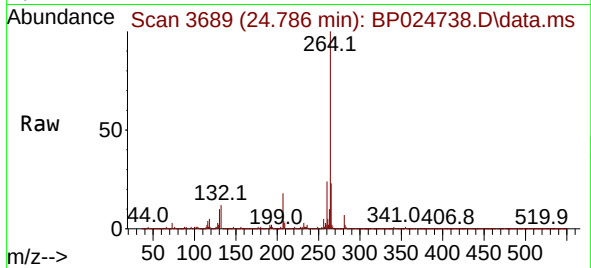
122 8.3 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.786 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BP024738.D
 Acq: 21 May 2025 15:29

Instrument :
 BNA_P
 ClientSampleId :
 PB168095BL



Tgt Ion:264 Resp: 779100

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.6	17.0	25.6

